Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS

MATRIX SPIKE/MATRIX SPIKE DUPLICATE REPORT

FORM 3A

SW-846 8270D

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

MSD Sample ID:	4560645	**Matrix:**	WATER
Client Sample ID:	A143-RS566-GW-AEB3058-RE	**Parent Wgt/Vol:**	980.0 mL
Date Prepared:	11/23/2022 09:00	**MSD Wgt/Vol:**	980.0 mL
Parent Analyzed:	12/14/2022 18:05	**Parent Final Volume:**	1000 uL
MSD Analyzed:	12/14/2022 19:27	**MSD Final Volume:**	1000 uL
Dilution MSD:	1.0	**% Moisture:**	100.00
Parent File ID:	221214H016.qgd	**Lims Analytical Batch:**	2625
MSD File ID:	221214H018.qgd	**Lims Prep Batch:**	5238
Prep Method:	SW-846 3510C	**Units:**	ug/L

	Conc			Results		%Rec				QC Limits	
Parameters	**Added**	**Sample**	**Q**	**MSD**	**Q**	**MSD**	**Q**	**RPD**	**Q**	**Recovery**	**RPD**
1-Methylnaphthalene*	51.0	0.251	J	**35.4**		69.0		18		41 - 115	20
2-Methylnaphthalene*	51.0	0.204	U	**31.8**		62.3		17		39 - 114	20
Benzo[a]anthracene*	51.0	0.204	U	**27.1**		53.1	*	4.6		59 - 120	20
Bis(2-Ethylhexyl) phthalate	51.0	2.55	U	**27.8**		54.5	*	6.4		55 - 135	20
Dibenzo[a,h]anthracene*	51.0	0.204	U	**27.6**		54.1		5.2		44 - 131	20
Naphthalene*	51.0	0.204	U	**64.0**		125	*	30	*	43 - 114	20

NC = Not Calculable - the spike concentration added has been diluted below the LOQ

Analyst: CMN Instrument: J7H Trace Number:
Method: 8270D Batch:2625
Sample ID: 4560644MS Data File: C:\GCMSsolution\Data\221214H017.qgd
Date: 12/14/2022 Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm
Time: 18:46:25 Sample Name: 4560644MS
Dilution: 1

Internal Standard

ID#	Name	Mass	Time	Area	Conc.
1	1,4-Dichlorobenzene-d4 (IS)	150.00	9.90	247355	40.00
24	Naphthalene-d8 (IS)	136.00	12.06	669041	40.00
45	Acenaphthene-d10 (IS)	164.00	14.97	329134	40.00
73	Phenanthrene-d10 (IS)	188.00	17.41	613009	40.00
95	Chrysene-d12 (IS)	240.00	21.74	543438	40.00
107	Perylene-d12 (IS)	264.00	23.90	420304	40.00

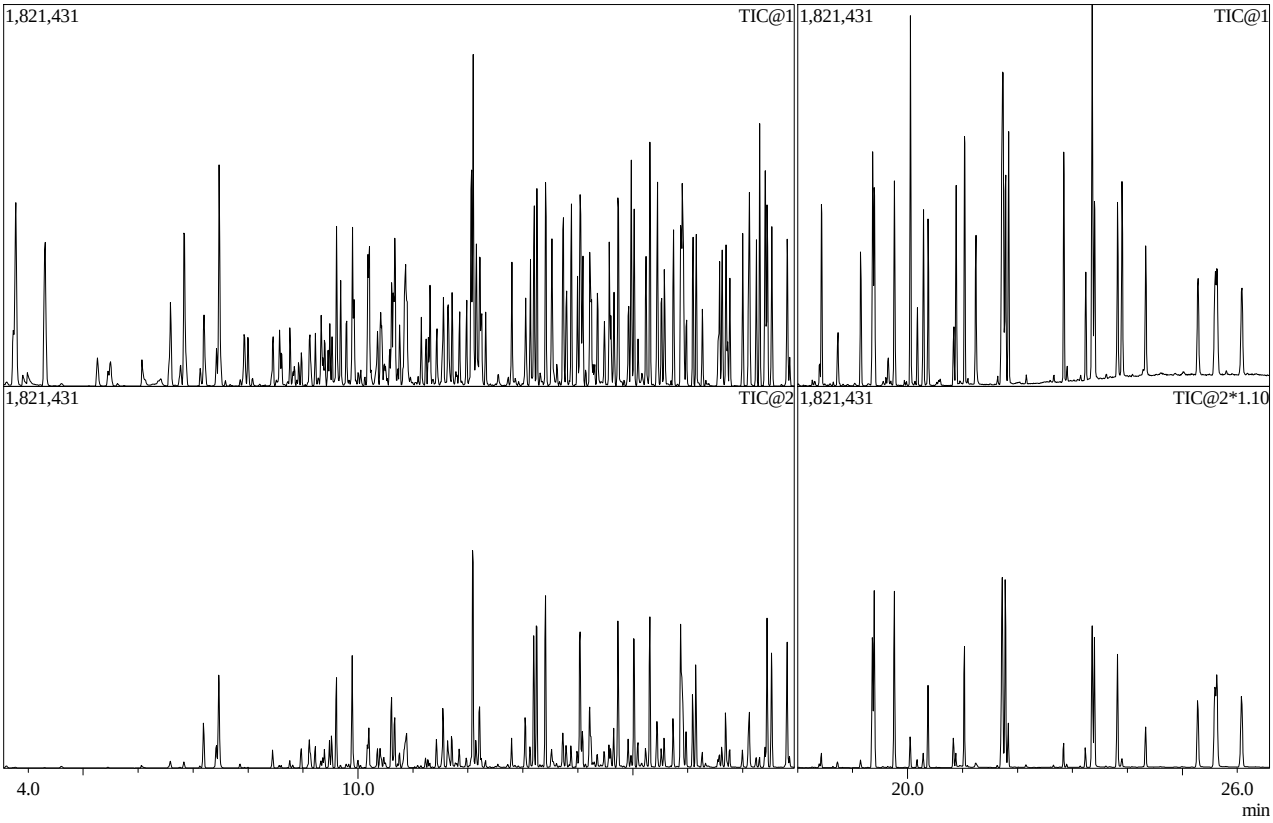
Surrogate

ID#	Name	Mass	Time	Area	Conc.
5	2-Fluorophenol	112.00	7.50	53968	9.19
10	Phenol-d6	99.00	9.34	37233	5.29
25	Nitrobenzene-d5	82.00	10.86	185356	29.77
50	2-Fluorobiphenyl	172.00	13.88	344385	28.86
78	2,4,6-Tribromophenol	330.00	16.27	43010	31.84
97	p-Terphenyl-d14	244.00	20.05	592432	36.63

Target

ID#	Name	Mass	Time	Area	Conc.
2	N-Nitrosodimethylamine	74.00	3.90	52764	11.00
3	Pyridine	79.00	3.99	78007	12.37
4	Methyl methanesulfonate	80.00	7.13	47739	14.47
6	Ethyl methanesulfonate	79.00	8.57	93701	21.03
7	Benzaldehyde	106.00	9.12	80973	16.40
8	Aniline	93.00	9.33	155027	16.65
9	Pentachloroethane	167.00	9.39	33398	18.35
11	Phenol	94.00	9.36	48770	5.58
12	bis(2-Chloroethyl)Ether	93.00	9.49	141554	21.71
13	2-Chlorophenol	128.00	9.53	93077	15.05
14	1,3-Dichlorobenzene	146.00	9.79	111521	17.61
15	1,4-Dichlorobenzene	146.00	9.93	114607	17.70
16	1,2-Dichlorobenzene	146.00	10.18	114843	18.41
17	Benzyl Alcohol	79.00	10.18	84712	15.59
18	bis(2-Chloroisopropyl) Ether	45.00	10.43	245377	21.73
19	2-Methylphenol (o-Cresol)	108.00	10.41	67184	10.90
20	Acetophenone	105.00	10.61	222946	24.59
21	N-Nitrosodi-n-propylamine	70.00	10.64	111043	23.83
22	3+4-Methylphenol(m&p-Cresol)	107.00	10.67	223430	33.78
23	Hexachloroethane	117.00	10.76	51846	18.99
26	Nitrobenzene	77.00	10.89	148645	22.71
27	Isophorone	82.00	11.31	289462	22.45
28	2-Nitrophenol	139.00	11.43	71886	22.40
29	2,4-Dimethylphenol	107.00	11.55	113306	16.18
30	Bis(2-Chloroethoxy)methane	93.00	11.71	177482	21.69
31	2,4-Dichlorophenol	162.00	11.85	81844	18.68
32	Benzoic Acid	105.00	11.67	58107	17.22
33	1,2,4-Trichlorobenzene	180.00	11.98	92421	19.93
34	Naphthalene	128.00	12.09	1071415	46.79
35	4-Chloroaniline	127.00	12.21	139718	17.37
36	2,6-Dichlorophenol	162.00	12.22	84590	19.63
37	Hexachloropropene	213.00	12.25	68372	20.14
38	Hexachlorobutadiene	225.00	12.32	59251	18.60
39	Caprolactam	55.00	12.80	42114	13.94
40	2-Methylnaphthalene-d10	152.00	13.20	305521	28.72
41	4-Chloro-3-methylphenol	107.00	13.05	121142	18.95
42	Safrole	162.00	13.14	95341	22.29
43	2-Methylnaphthalene	142.00	13.25	386017	26.46
44	1-Methylnaphthalene	142.00	13.41	406560	29.38
46	Hexachlorocyclopentadiene	237.00	13.52	73941	21.71
47	1,2,4,5-Tetrachlorobenzene	216.00	13.53	124812	21.30
48	2,4,6-Trichlorophenol	196.00	13.74	78459	22.64
49	2,4,5-Trichlorophenol	196.00	13.79	86720	22.96
51	Isosafrole	162.00	13.99	106316	22.69
52	1,1'-Biphenyl	154.00	14.04	325891	21.95
53	2-Chloronaphthalene	162.00	14.06	240351	20.86
54	1-Chloronaphthalene	162.00	14.09	204030	22.63
55	2-Nitroaniline	138.00	14.25	111319	26.84
56	1,4-Naphthoquinone	158.00	14.36	107214	23.39
57	Dimethyl phthalate	163.00	14.57	303925	25.33
58	1,3-Dinitrobenzene	168.00	14.48	44866	25.87

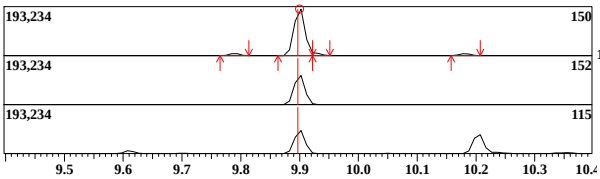
ID#	Name	Mass	Time	Area	Conc.
59	2,6-Dinitrotoluene (2,6-DNT)	165.00	14.66	67173	26.11
60	Acenaphthylene	152.00	14.73	500832	24.88
61	3-Nitroaniline	138.00	14.92	94163	27.28
62	Acenaphthene	154.00	15.02	294677	22.06
63	2,4-Dinitrophenol	184.00	15.09	42354	29.58
64	Pentachlorobenzene	250.00	15.24	110223	24.33
65	Dibenzofuran	168.00	15.31	411731	23.12
66	2,4-Dinitrotoluene (2,4-DNT)	165.00	15.31	100467	27.07
67	4-Nitrophenol	65.00	15.24	30512	13.09
68	2,3,4,6-Tetrachlorophenol	232.00	15.52	80696	25.27
69	Diethyl phthalate	149.00	15.74	354830	27.15
70	Fluorene	166.00	15.87	351572	24.21
71	4-Chlorophenyl phenyl ether	204.00	15.90	163152	25.23
72	4-Nitroaniline	138.00	15.92	98278	30.59
74	4,6-Dinitro-2-methylphenol	198.00	15.97	64792	32.98
75	N-Nitrosodiphenylamine	169.00	16.09	235017	22.16
76	Diphenylamine	169.00	16.09	235017	22.16
77	1,2-Diphenylhydrazine	77.00	16.16	365342	25.73
79	(cis/trans)-Diallate	43.00	16.58	181239	27.05
80	Phenacetin	108.00	16.63	179001	25.72
81	4-Bromophenyl phenyl ether	250.00	16.70	90528	25.72
82	Hexachlorobenzene	284.00	16.77	80089	24.96
83	Atrazine	200.00	17.00	91912	25.91
84	Pentachlorophenol	266.00	17.10	47702	28.91
85	Pentachloronitrobenzene	237.00	17.12	44283	26.44
86	Pronamide (Kerb)	173.00	17.25	133276	25.69
87	Phenanthrene	178.00	17.44	508385	25.03
88	Anthracene	178.00	17.53	455376	21.44
89	Carbazole	167.00	17.81	477347	25.26
90	Di-n-butyl phthalate	149.00	18.43	630375	28.28
91	4-Nitroquinoline-N-Oxide	190.00	18.73	29496	22.65
92	Isodrin	193.00	19.15	58408	28.95
93	Fluoranthene-d10	212.00	19.36	674313	35.47
94	Fluoranthene	202.00	19.39	661488	26.43
96	Pyrene	202.00	19.76	666948	26.13
98	Aramite A	185.00	20.05	45294	13.99
99	Aramite B	185.00	20.18	48351	14.90
100	Chlorobenzilate	251.00	20.38	147272	29.47
101	Butyl benzyl phthalate	149.00	20.88	275252	28.44
102	Di(2-ethylhexyl) adipate	129.00	21.04	294366	28.25
103	Benzo[a]anthracene	228.00	21.72	637879	28.10
104	Chrysene	228.00	21.78	598010	26.04
105	Bis(2-Ethylhexyl) phthalate	149.00	21.84	416499	29.34
106	Di-n-octyl phthalate	149.00	22.84	709940	29.95
108	Benzo[b]fluoranthene	252.00	23.36	562819	27.04
109	Benzo[k]fluoranthene	252.00	23.40	494766	24.95
110	Benzo[a]pyrene	252.00	23.82	465393	28.61
111	Indeno(1,2,3-cd)pyrene	276.00	25.59	363496	31.06
112	3-Methylcholanthrene	268.00	24.33	183743	25.27
113	Dibenz(a,j)Acridine	279.00	25.28	295567	27.73
114	Dibenzo[a,h]anthracene	278.00	25.63	360812	28.79
115	Benzo[g,h,i]perylene	276.00	26.08	347706	27.08
116	2-Picoline (2-Methylpyridine)	93.00	6.07	101776	14.60
117	N-Nitrosomethylethylamine	88.00	6.41	52416	18.00
118	N-Nitrosodiethylamine	102.00	7.93	69482	21.83
119	n-Decane	57.00	9.69	130263	15.63
120	N-Nitrosopyrrolidine	100.00	10.58	66338	20.38
121	N-Nitrosomorpholine	56.00	10.66	83712	20.74
122	o-Toluidine	106.00	10.67	203874	19.51
123	N-Nitrosopiperidine	114.00	11.15	81288	23.58
124	a,a-Dimethylphenethylamine	58.00	12.26	193805	11.69
125	Alpha-Terpineol	59.00	12.15	136176	23.51
126	p-Phenylenediamine	108.00	12.76	0	1.76
127	N-Nitrosodi-n-butylamine	84.00	12.80	119459	25.45
128	2,3-Dichloroaniline	161.00	13.73	129643	23.12
129	1-Naphthylamine	143.00	15.45	264108	21.82
130	2-Naphthylamine	143.00	15.58	258896	18.55
131	5-Nitro-o-Toluidine	152.00	15.91	96057	29.09
132	4-Aminobiphenyl	169.00	17.13	243889	18.51
133	n-Octadecane	57.00	17.31	302008	24.37
134	Benzidine	184.00	19.65	78360	6.50
135	4-Dimethyl aminoazobenzene	120.00	20.29	190259	29.00
136	3,3'-Dimethylbenzidine	212.00	20.84	141266	9.83
137	2-Acetylaminofluorene	181.00	21.24	209870	29.41
138	3,3`-Dichlorobenzidine	252.00	21.71	173515	25.67
139	7,12-Dimethylbenz[a]anthracene	256.00	23.36	210507	26.65

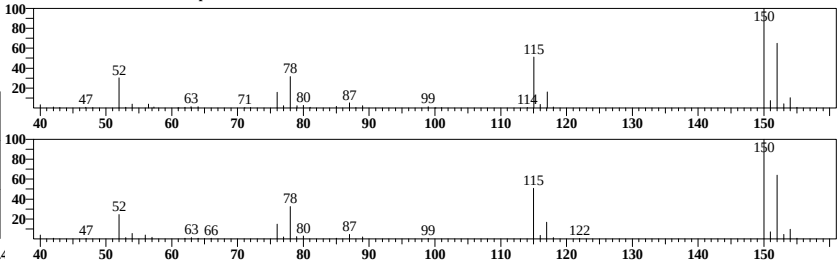

1,821,431
TIC@1
1,821,431
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TIC@2
1,821,431
TIC@2*1.10
4.0
10.0
20.0
26.0
min

ID#:1 Name:1,4-Dichlorobenzene-d4 (IS) Type:ISTD Manual Integration Performed
Manual Reason: Split peak. CMN 12/15/2022

Mass:150.00 R.T:9.900 Area:247355 Conc:40.00000ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	152.00	78013	64.94	65.66
2	115.00	61530	51.22	48.88

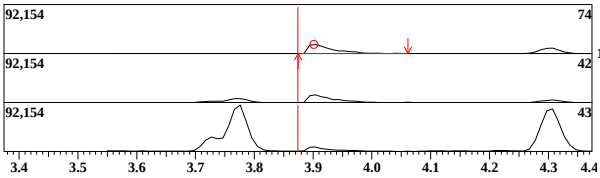


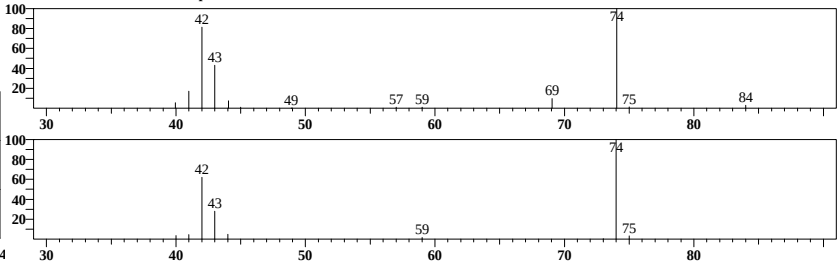


ID#:2 Name:N-Nitrosodimethylamine Type:Target Manual Integration Performed
Manual Reason: Baseline smoothing. CMN 12/15/2022

Mass:74.00 R.T:3.902 Area:52764 Conc:11.00092ppm
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	42.00	12853	81.30	72.10
2	43.00	6829	43.19	38.30

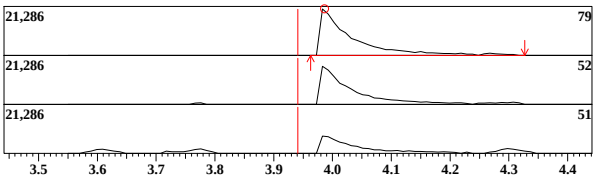


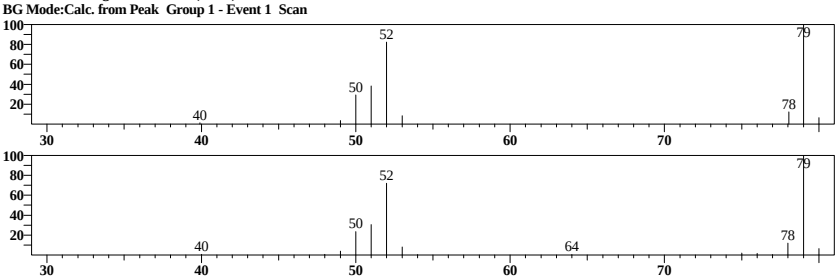


ID#:3 Name:Pyridine Type:Target Manual Integration Performed
Manual Reason: Peak not found CMN 12/15/2022

Mass:79.00 R.T:3.986 Area:78007 Conc:12.36646ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	52.00	10531	82.42	80.35
2	51.00	4908	38.41	37.95

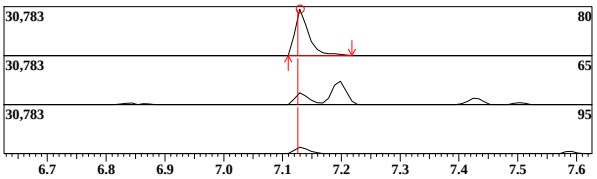


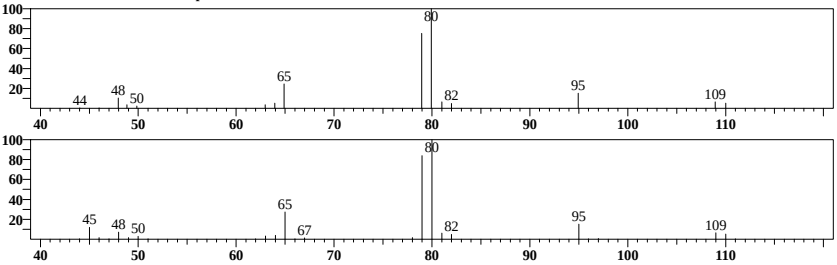


ID#:4 Name:Methyl methanesulfonate Type:Target No Manual Integration

Mass:80.00 R.T:7.130 Area:47739 Conc:14.47385ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	65.00	5081	24.59	35.13
2	95.00	3094	14.97	18.43

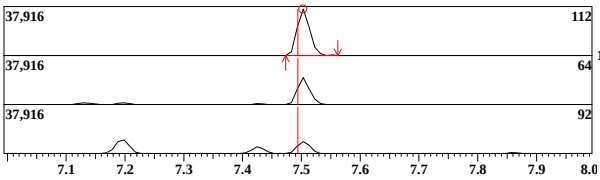


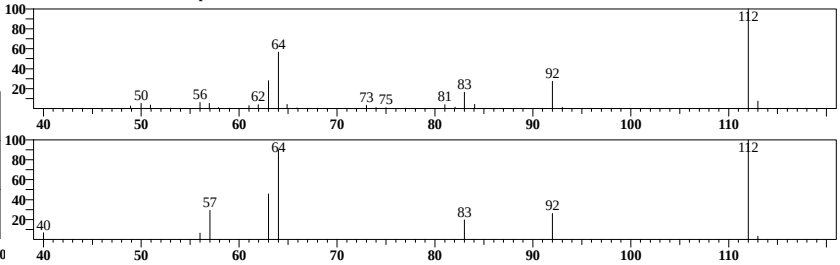


ID#:5 Name:2-Fluorophenol Type:Surrogate/SMC No Manual Integration

Mass:112.00 R.T:7.503 Area:53968 Conc:9.19438ppm
Event:1:Scan SI:86

#	m/z	Area	Ratio	Reference
1	64.00	15046	56.53	72.76
2	92.00	7264	27.29	26.11

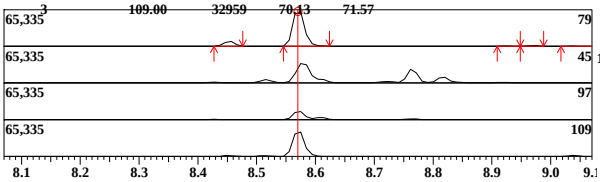


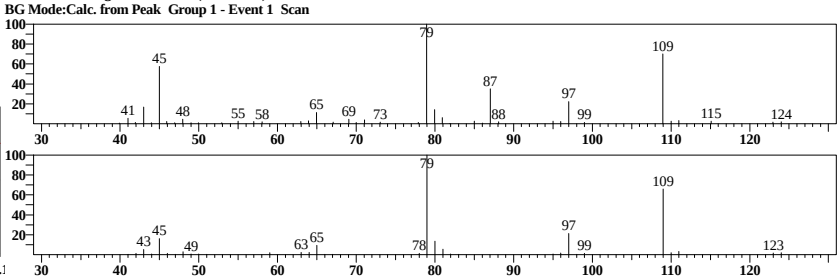


ID#:6 Name:Ethyl methanesulfonate Type:Target No Manual Integration

Mass:79.00 R.T:8.571 Area:93701 Conc:21.03174ppm
Event:1:Scan SI:84

#	m/z	Area	Ratio	Reference
1	45.00	27041	* 57.54	17.15
2	97.00	10383	22.09	24.70
3	109.00	32959	70.13	71.57

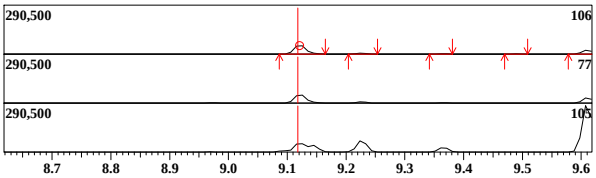




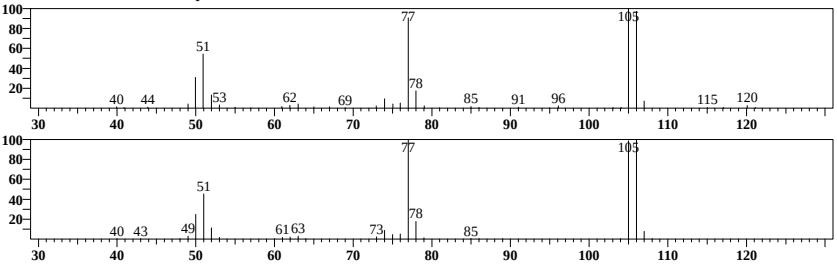
ID#:7 Name:Benzaldehyde Type:Target No Manual Integration

Mass:106.00 R.T:9.121 Area:80973 Conc:16.39549ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	77.00	36160	93.35	85.00
2	105.00	39842	102.86	96.78



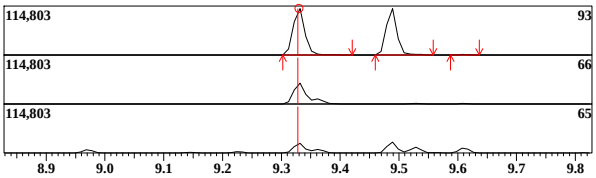
ID#:7 R.Time:9.125(Scan#:1135)
MassPeaks:38
RawMode:Averaged 9.116-9.135(1133-1137)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



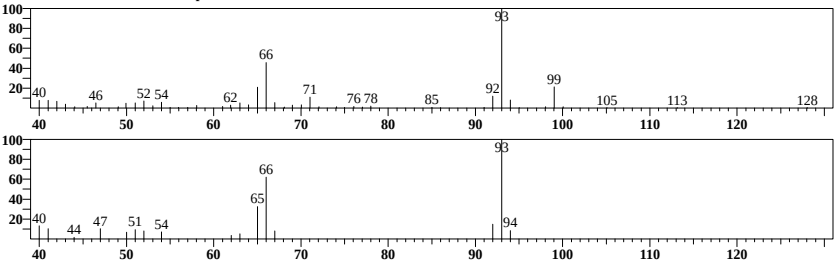
ID#:8 Name:Aniline Type:Target No Manual Integration

Mass:93.00 R.T:9.330 Area:155027 Conc:16.64686ppm
Event:1:Scan SI:81

#	m/z	Area	Ratio	Reference
1	66.00	35179	45.59	46.22
2	65.00	16006	20.74	22.48



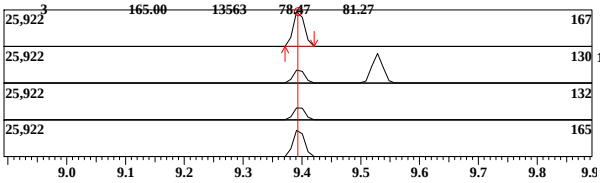
ID#:8 R.Time:9.332(Scan#:1177)
MassPeaks:47
RawMode:Averaged 9.322-9.342(1175-1179)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



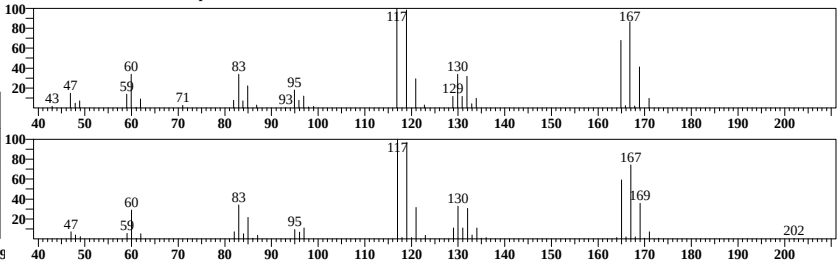
ID#:9 Name:Pentachloroethane Type:Target No Manual Integration

Mass:167.00 R.T:9.394 Area:33398 Conc:18.34879ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	130.00	6745	39.02	38.70
2	132.00	6392	36.98	34.68
3	165.00	13563	78.47	81.27



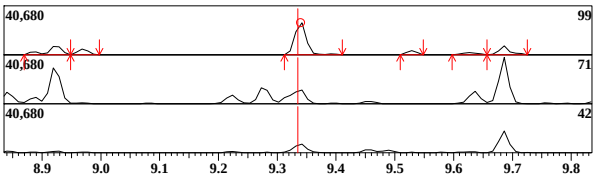
ID#:9 R.Time:9.391(Scan#:1189)
MassPeaks:36
RawMode:Averaged 9.381-9.401(1187-1191)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



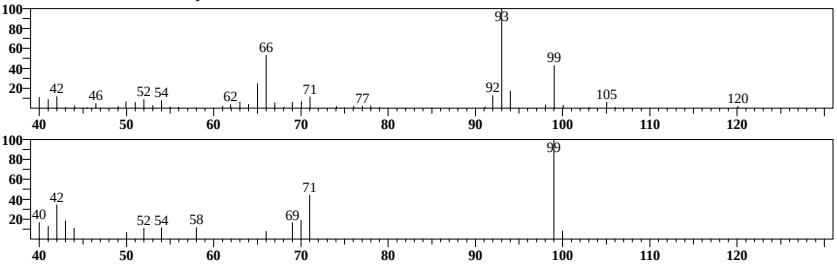
ID#:10 Name:Phenol-d6 Type:Surrogate/SMC No Manual Integration

Mass:99.00 R.T:9.340 Area:37233 Conc:5.29204ppm
Event:1:Scan SI:53

#	m/z	Area	Ratio	Reference
1	71.00	4925	26.50	35.02
2	42.00	5064	27.25	16.82



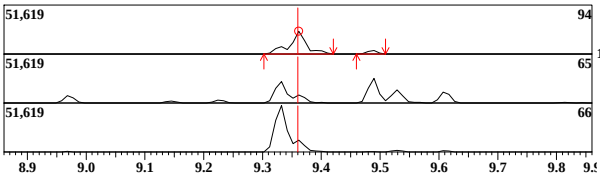
ID#:10 R.Time:9.342(Scan#:1179)
MassPeaks:44
RawMode:Averaged 9.332-9.352(1177-1181)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



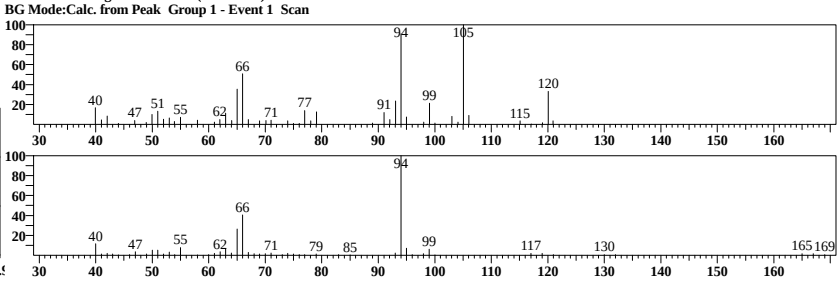
ID#:11 Name:Phenol Type:Target No Manual Integration

Mass:94.00 R.T:9.362 Area:48770 Conc:5.58446ppm
Event:1:Scan SI:68

#	m/z	Area	Ratio	Reference
1	65.00	6606	38.85	31.65
2	66.00	9495	55.84	40.72



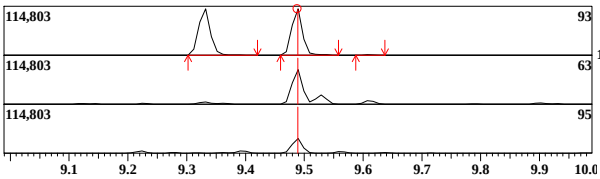
ID#:11 R.Time:9.362(Scan#:1183)
MassPeaks:47
RawMode:Averaged 9.352-9.371(1181-1185)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



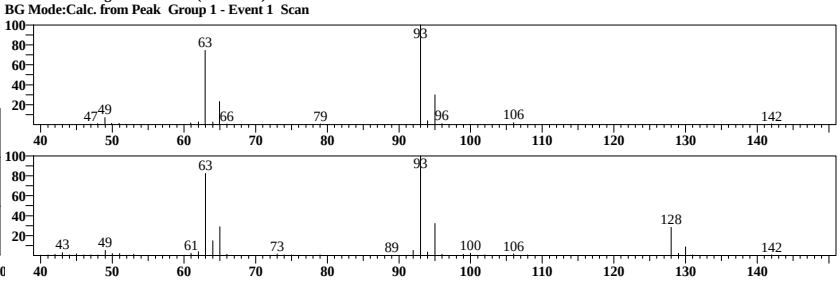
ID#:12 Name:bis(2-Chloroethyl)Ether Type:Target No Manual Integration

Mass:93.00 R.T:9.488 Area:141554 Conc:21.70602ppm
Event:1:Scan SI:87

#	m/z	Area	Ratio	Reference
1	63.00	54454	74.67	95.54
2	95.00	21812	29.91	33.05



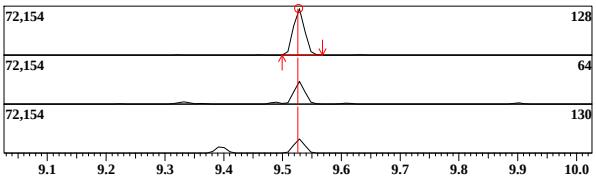
ID#:12 R.Time:9.489(Scan#:1209)
MassPeaks:21
RawMode:Averaged 9.479-9.499(1207-1211)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:13 Name:2-Chlorophenol Type:Target No Manual Integration

Mass:128.00 R.T:9.528 Area:93077 Conc:15.04727ppm
Event:1:Scan SI:86

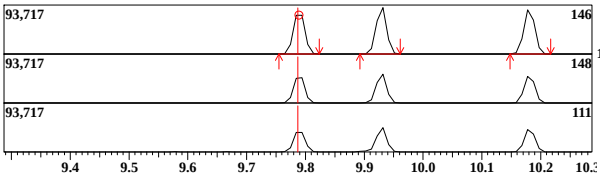
#	m/z	Area	Ratio	Reference
1	64.00	22568	46.31	65.60
2	130.00	14677	30.12	31.89



ID#:14 Name:1,3-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.789 Area:111521 Conc:17.61373ppm
Event:1:Scan SI:93

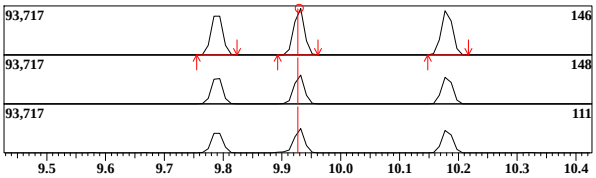
#	m/z	Area	Ratio	Reference
1	148.00	35663	63.91	64.92
2	111.00	28027	50.22	55.28



ID#:15 Name:1,4-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.930 Area:114607 Conc:17.69901ppm
Event:1:Scan SI:87

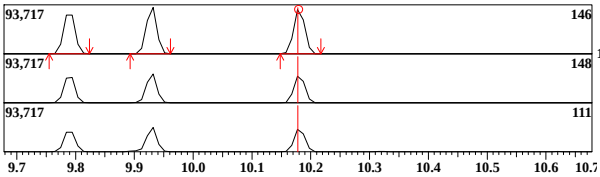
#	m/z	Area	Ratio	Reference
1	148.00	37267	61.89	66.17
2	111.00	30223	50.19	47.39



ID#:16 Name:1,2-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:10.180 Area:114843 Conc:18.41210ppm
Event:1:Scan SI:94

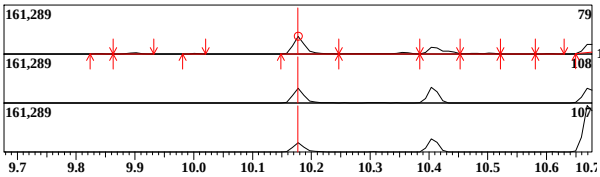
#	m/z	Area	Ratio	Reference
1	148.00	36446	61.15	65.19
2	111.00	30340	50.91	55.22



ID#:17 Name:Benzyl Alcohol Type:Target No Manual Integration

Mass:79.00 R.T:10.178 Area:84712 Conc:15.58663ppm
Event:1:Scan SI:89

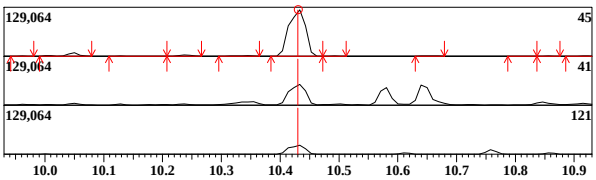
#	m/z	Area	Ratio	Reference
1	108.00	32555	82.91	85.77
2	107.00	20970	53.40	58.74



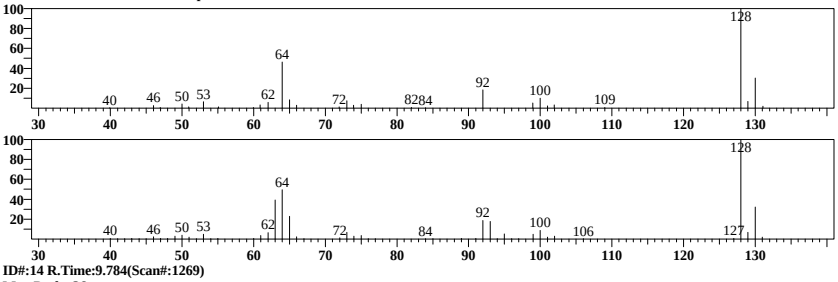
ID#:18 Name:bis(2-Chloroisopropyl) Ether Type:Target No Manual Integration

Mass:45.00 R.T:10.431 Area:245377 Conc:21.73240ppm
Event:1:Scan SI:91

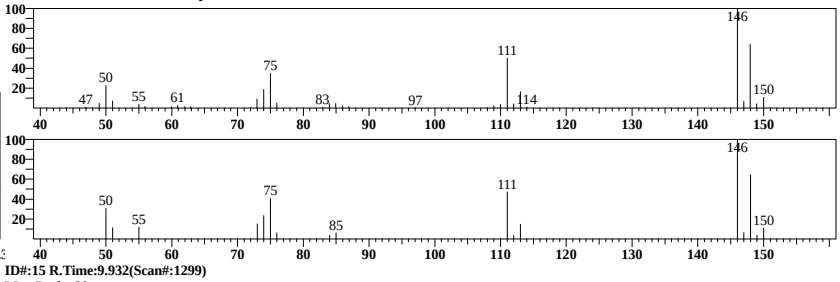
#	m/z	Area	Ratio	Reference
1	41.00	44963	43.91	39.13
2	121.00	19401	18.95	18.18



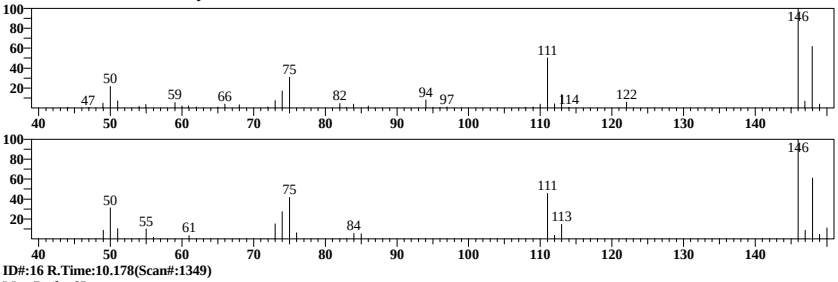
ID#:13 R.Time:9.529(Scan#:1217)
MassPeaks:29
RawMode:Averaged 9.519-9.539(1215-1219)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



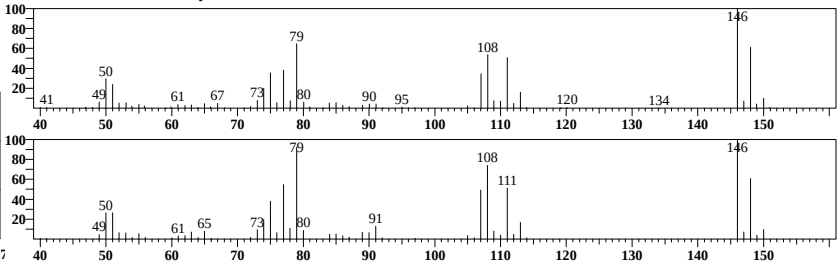
ID#:14 R.Time:9.784(Scan#:1269)
MassPeaks:36
RawMode:Averaged 9.774-9.794(1267-1271)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



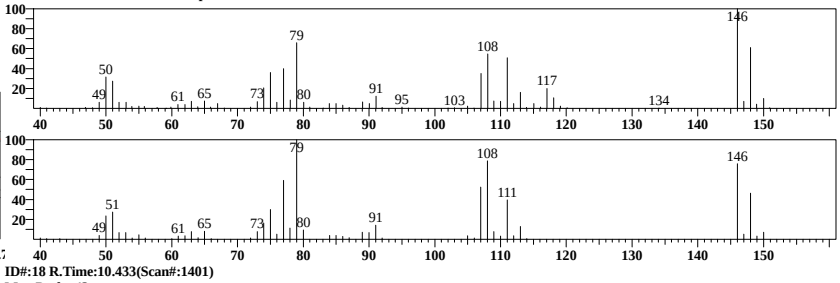
ID#:15 R.Time:9.932(Scan#:1299)
MassPeaks:39
RawMode:Averaged 9.922-9.942(1297-1301)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



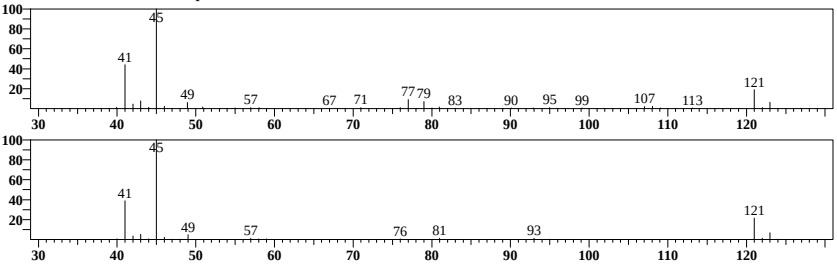
ID#:16 R.Time:10.178(Scan#:1349)
MassPeaks:65
RawMode:Averaged 10.168-10.188(1347-1351)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:17 R.Time:10.178(Scan#:1349)
MassPeaks:69
RawMode:Averaged 10.168-10.188(1347-1351)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



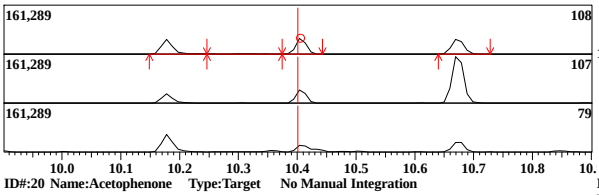
ID#:18 R.Time:10.433(Scan#:1401)
MassPeaks:43
RawMode:Averaged 10.424-10.443(1399-1403)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



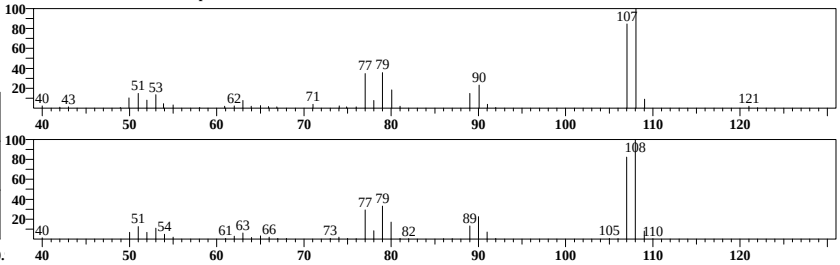
ID#:19 Name:2-Methylphenol (o-Cresol) Type:Target No Manual Integration

Mass:108.00 R.T:10.406 Area:67184 Conc:10.89887ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	107.00	29480	84.66	84.56
2	79.00	12481	35.84	35.28



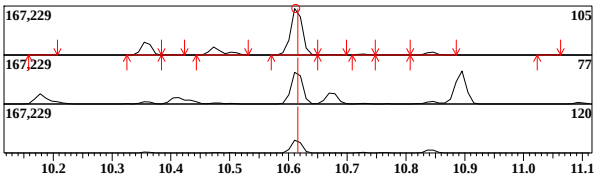
ID#:19 R.Time:10.404(Scan#:1395)
MassPeaks:36
RawMode:Averaged 10.394-10.414(1393-1397)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



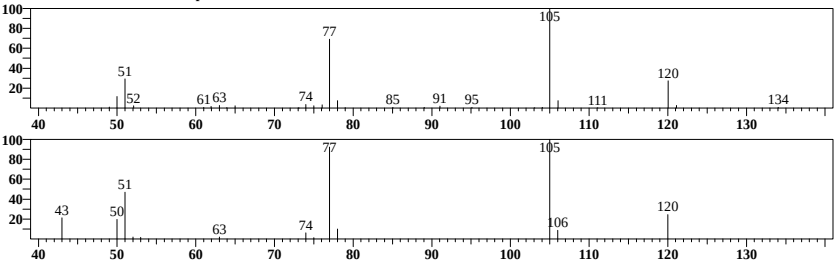
ID#:20 Name:Acetophenone Type:Target No Manual Integration

Mass:105.00 R.T:10.613 Area:222946 Conc:24.59309ppm
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	77.00	78449	69.13	73.31
2	120.00	31035	27.35	24.48



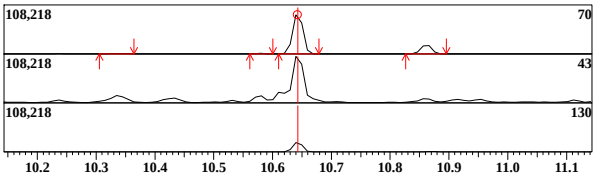
ID#:20 R.Time:10.610(Scan#:1437)
MassPeaks:28
RawMode:Averaged 10.601-10.620(1435-1439)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



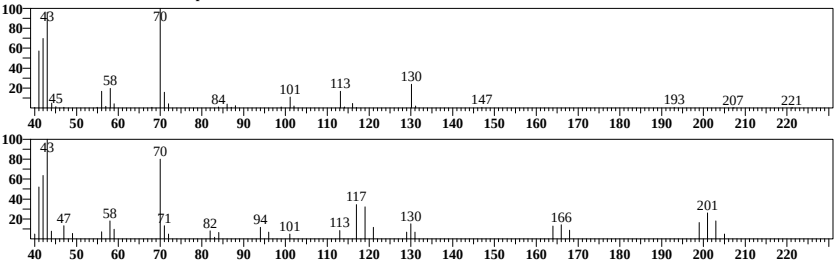
ID#:21 Name:N-Nitrosodi-n-propylamine Type:Target No Manual Integration

Mass:70.00 R.T:10.643 Area:111043 Conc:23.82789ppm
Event:1:Scan SI:74

#	m/z	Area	Ratio	Reference
1	43.00	56573	95.98	109.00
2	130.00	14020	23.79	17.19



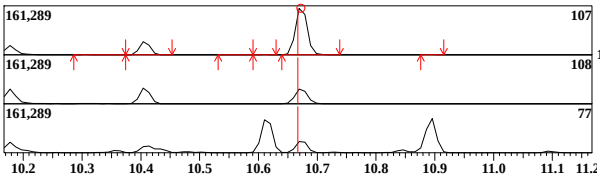
ID#:21 R.Time:10.640(Scan#:1443)
MassPeaks:33
RawMode:Averaged 10.630-10.650(1441-1445)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



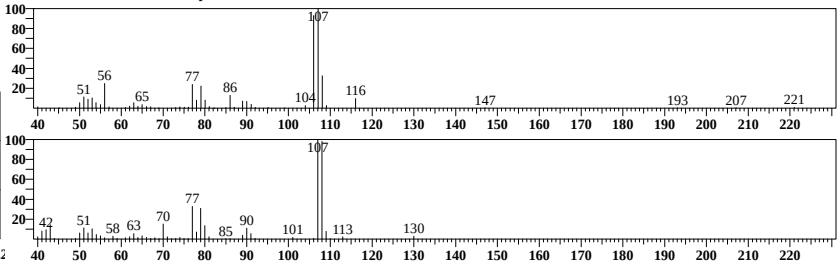
ID#:22 Name:3+4-Methylphenol(m&p-Cresol) Type:Target No Manual Integration

Mass:107.00 R.T:10.673 Area:223430 Conc:33.78082ppm
Event:1:Scan SI:77

#	m/z	Area	Ratio	Reference
1	108.00	36500	* 32.59	95.43
2	77.00	26553	23.71	31.91



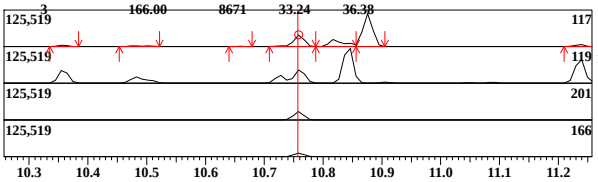
ID#:22 R.Time:10.669(Scan#:1449)
MassPeaks:48
RawMode:Averaged 10.660-10.679(1447-1451)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



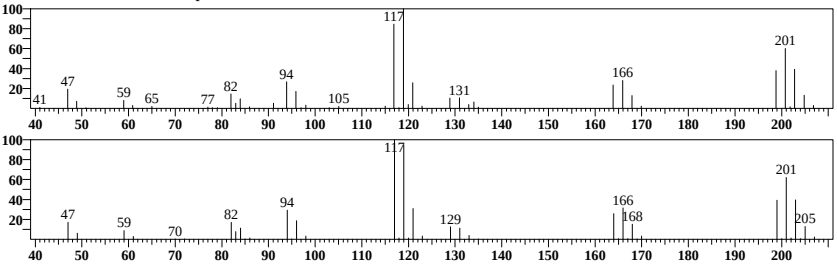
ID#:23 Name:Hexachloroethane Type:Target No Manual Integration

Mass:117.00 R.T:10.759 Area:51846 Conc:18.98811ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	119.00	30898	118.43	92.41
2	201.00	18540	71.06	78.73
3	166.00	8671	33.24	36.38



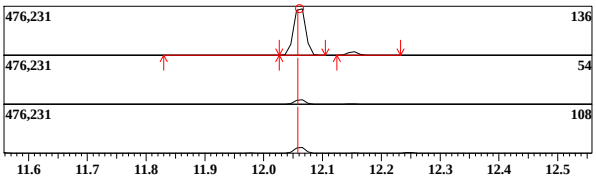
ID#:23 R.Time:10.758(Scan#:1467)
MassPeaks:43
RawMode:Averaged 10.748-10.768(1465-1469)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



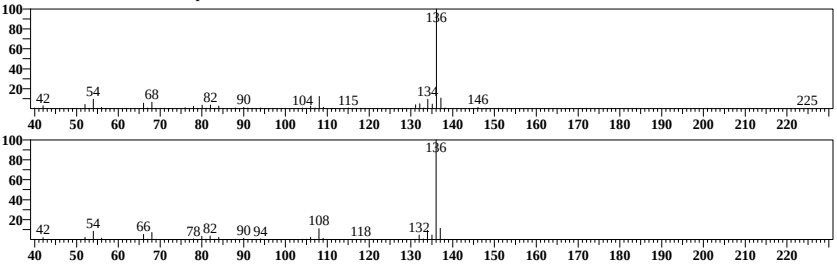
ID#:24 Name:Naphthalene-d8 (IS) Type:ISTD No Manual Integration

Mass:136.00 R.T:12.061 Area:669041 Conc:40.00000ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	54.00	31775	9.44	11.97
2	108.00	41076	12.20	12.20



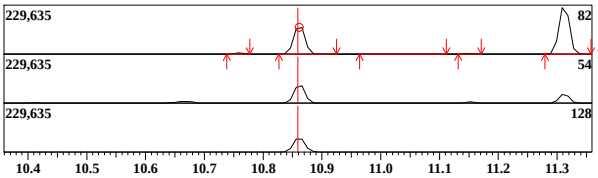
ID#:24 R.Time:12.066(Scan#:1733)
MassPeaks:63
RawMode:Averaged 12.056-12.076(1731-1735)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

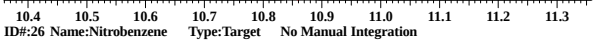


ID#:25 Name:Nitrobenzene-d5 Type:Surrogate/SMC No Manual Integration

Mass:82.00 R.T:10.862 Area:185356 Conc:29.76911ppm
Event:1:Scan SI:75

#	m/z	Area	Ratio	Reference
1	54.00	59145	63.96	65.85
2	128.00	46287	50.06	43.44

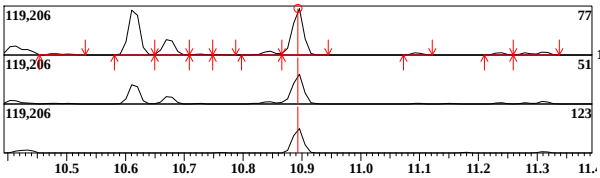


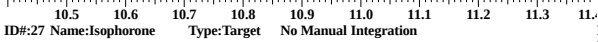


ID#:26 Name:Nitrobenzene Type:Target No Manual Integration

Mass:77.00 R.T:10.894 Area:148645 Conc:22.70645ppm
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	51.00	47455	63.77	61.12
2	123.00	40026	53.78	46.32

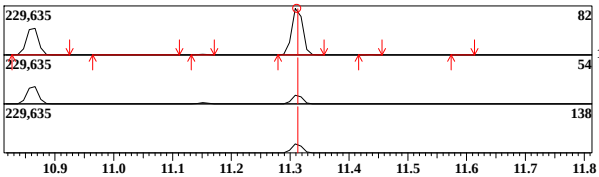


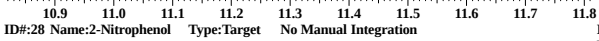


ID#:27 Name:Isophorone Type:Target No Manual Integration

Mass:82.00 R.T:11.311 Area:289462 Conc:22.45090ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	54.00	28920	18.91	19.87
2	138.00	29167	19.07	14.87

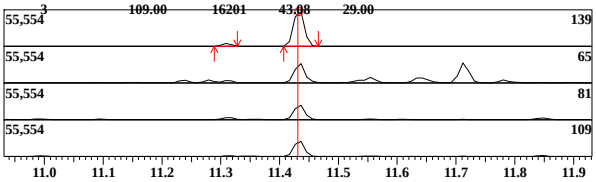


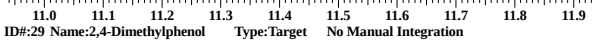


ID#:28 Name:2-Nitrophenol Type:Target No Manual Integration

Mass:139.00 R.T:11.433 Area:71886 Conc:22.40125ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	65.00	19550	51.98	55.00
2	81.00	15204	40.43	33.00
3	109.00	16201	43.08	29.00

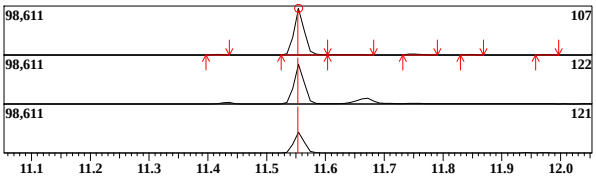


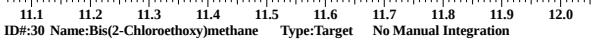


ID#:29 Name:2,4-Dimethylphenol Type:Target No Manual Integration

Mass:107.00 R.T:11.555 Area:113306 Conc:16.17600ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	122.00	50868	86.60	82.87
2	121.00	27166	46.25	42.24

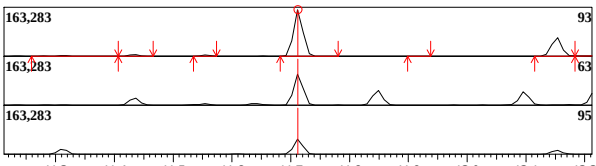


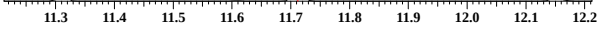


ID#:30 Name:Bis(2-Chloroethoxy)methane Type:Target No Manual Integration

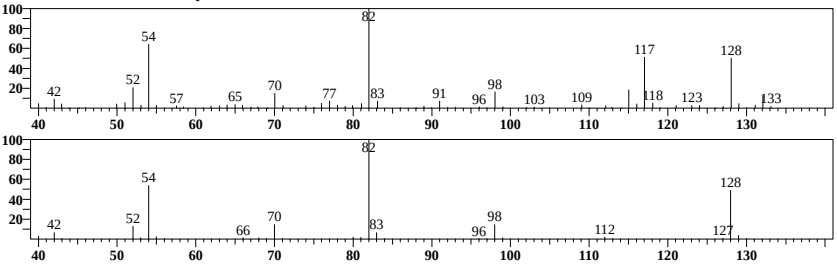
Mass:93.00 R.T:11.712 Area:177482 Conc:21.69364ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	63.00	63991	66.92	85.08
2	95.00	31020	32.44	33.16

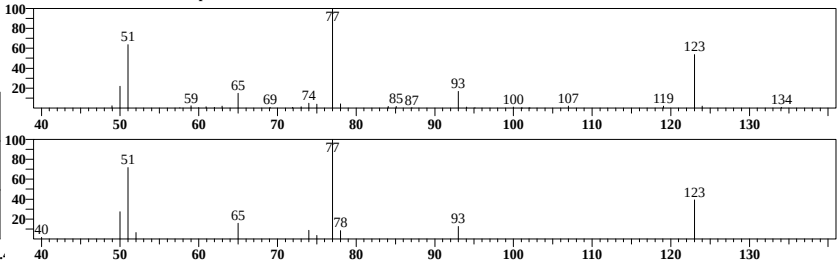




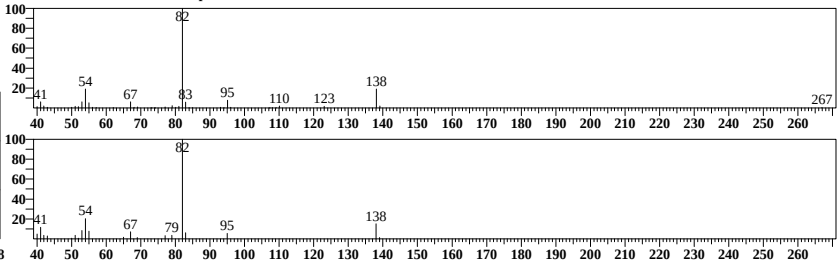
ID#:25 R.Time:10.866(Scan#:1489)
MassPeaks:72
RawMode:Averaged 10.856-10.876(1487-1491)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



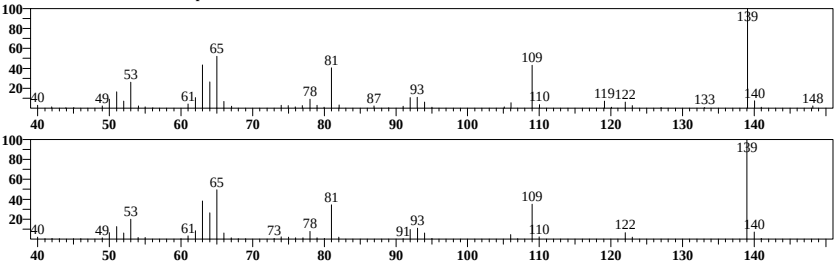
ID#:26 R.Time:10.896(Scan#:1495)
MassPeaks:31
RawMode:Averaged 10.886-10.905(1493-1497)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



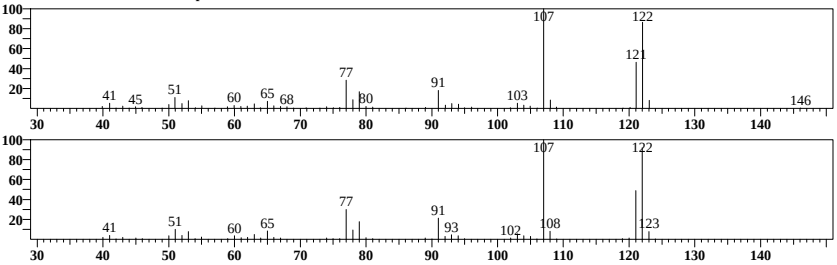
ID#:27 R.Time:11.309(Scan#:1579)
MassPeaks:38
RawMode:Averaged 11.299-11.318(1577-1581)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



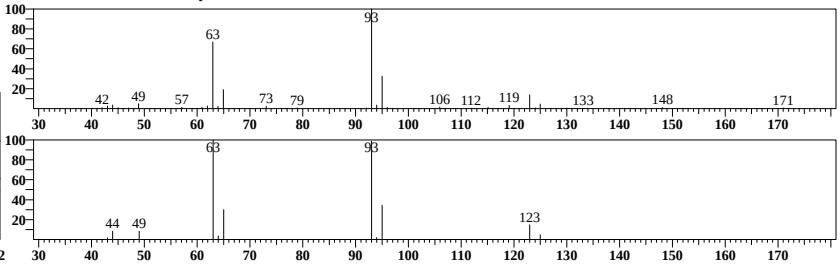
ID#:28 R.Time:11.436(Scan#:1605)
MassPeaks:49
RawMode:Averaged 11.427-11.446(1603-1607)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:29 R.Time:11.554(Scan#:1629)
MassPeaks:58
RawMode:Averaged 11.544-11.564(1627-1631)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



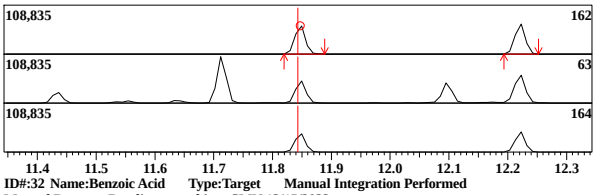
ID#:30 R.Time:11.712(Scan#:1661)
MassPeaks:45
RawMode:Averaged 11.702-11.722(1659-1663)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



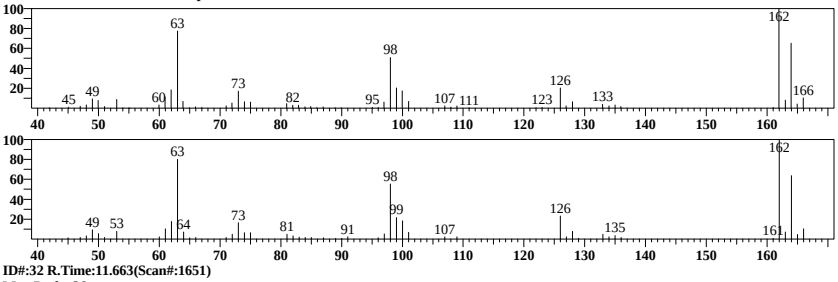
ID#:31 Name:2,4-Dichlorophenol Type:Target No Manual Integration

Mass:162.00 R.T:11.847 Area:81844 Conc:18.67861ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	63.00	32862	77.61	59.00
2	164.00	27662	65.33	65.54



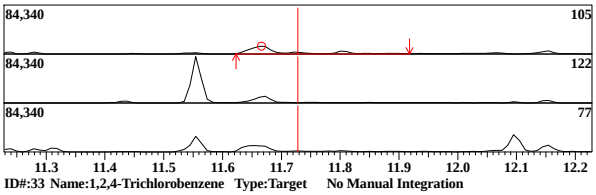
ID#:31 R.Time:11.849(Scan#:1689)
MassPeaks:58
RawMode:Averaged 11.839-11.859(1687-1691)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



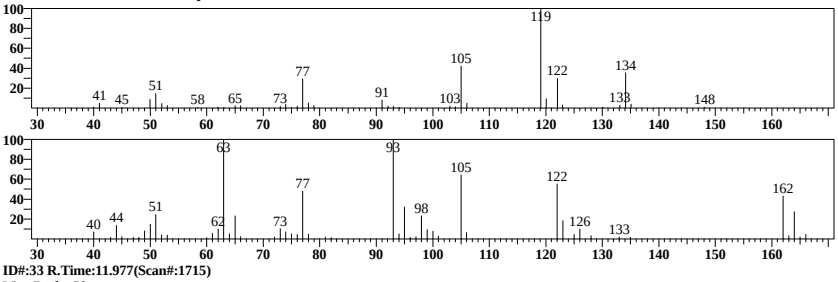
ID#:32 Name:Benzoic Acid Type:Target Manual Integration Performed
Manual Reason: Baseline smoothing. CMN 12/15/2022

Mass:105.00 R.T:11.666 Area:58107 Conc:17.22031ppm
Event:1:Scan SI:47

#	m/z	Area	Ratio	Reference
1	122.00	8816	70.33	76.85
2	77.00	8732	69.66	75.23



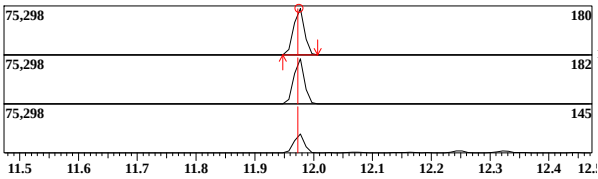
ID#:32 R.Time:11.663(Scan#:1651)
MassPeaks:36
RawMode:Averaged 11.653-11.672(1649-1653)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



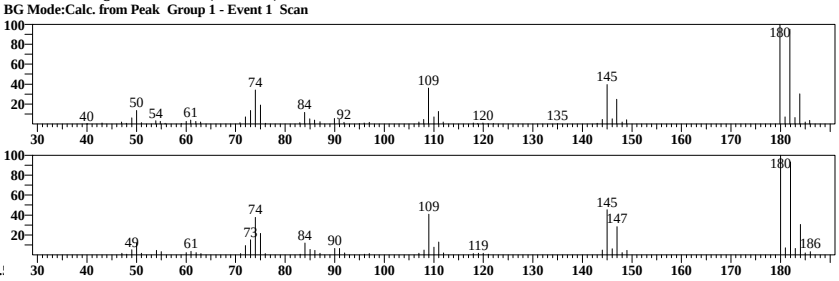
ID#:33 Name:1,2,4-Trichlorobenzene Type:Target No Manual Integration

Mass:180.00 R.T:11.975 Area:92421 Conc:19.92685ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	182.00	46268	95.20	91.21
2	145.00	19209	39.52	29.06



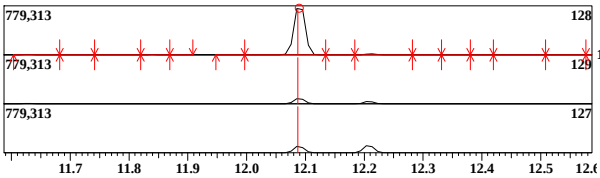
ID#:33 R.Time:11.977(Scan#:1715)
MassPeaks:58
RawMode:Averaged 11.967-11.987(1713-1717)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



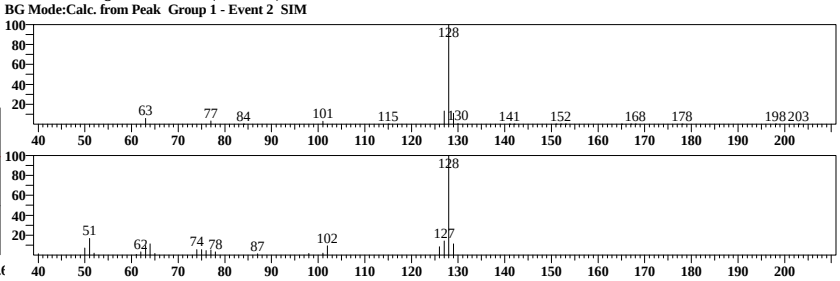
ID#:34 Name:Naphthalene Type:Target No Manual Integration

Mass:128.00 R.T:12.090 Area:1071415 Conc:46.79444ppm
Event:2:SIM SI:89

#	m/z	Area	Ratio	Reference
1	129.00	59793	11.01	10.48
2	127.00	71310	13.12	13.97



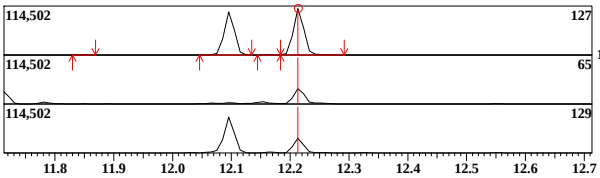
ID#:34 R.Time:12.085(Scan#:1738)
MassPeaks:20
RawMode:Averaged 12.076-12.095(1736-1740)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



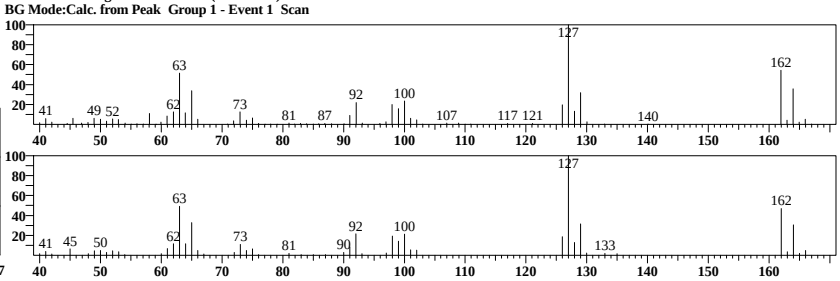
ID#:35 Name:4-Chloroaniline Type:Target No Manual Integration

Mass:127.00 R.T:12.214 Area:139718 Conc:17.36852ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	65.00	24257	33.62	45.58
2	129.00	22935	31.79	30.27



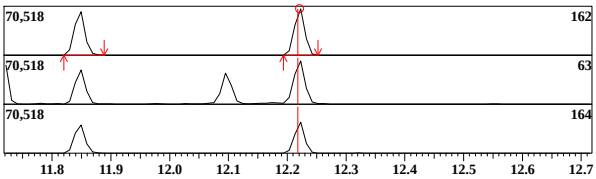
ID#:35 R.Time:12.213(Scan#:1763)
MassPeaks:73
RawMode:Averaged 12.203-12.223(1761-1765)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



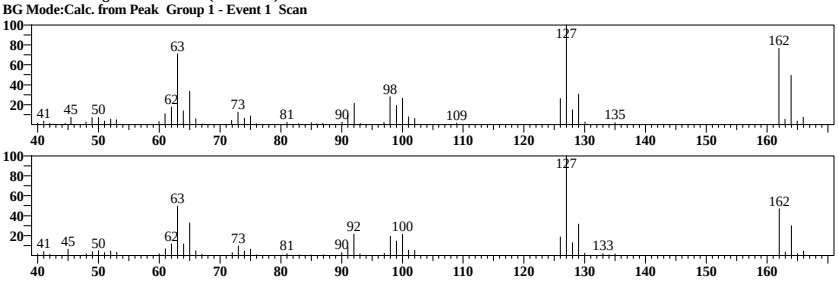
ID#:36 Name:2,6-Dichlorophenol Type:Target No Manual Integration

Mass:162.00 R.T:12.221 Area:84590 Conc:19.63073ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	63.00	41532	92.77	88.00
2	164.00	28928	64.61	62.85



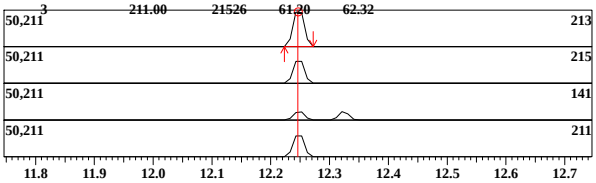
ID#:36 R.Time:12.223(Scan#:1765)
MassPeaks:61
RawMode:Averaged 12.213-12.233(1763-1767)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



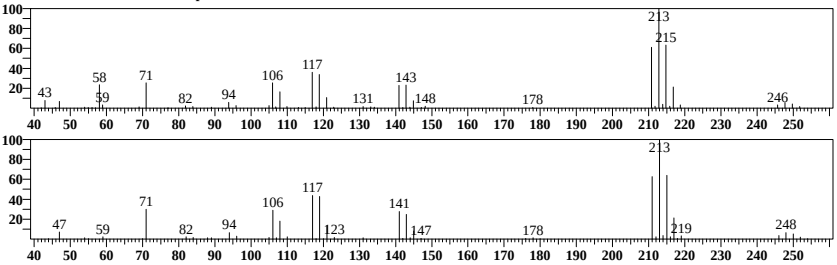
ID#:37 Name:Hexachloropropene Type:Target No Manual Integration

Mass:213.00 R.T:12.247 Area:68372 Conc:20.13812ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	215.00	22278	63.34	64.65
2	141.00	7984	22.70	22.52
3	211.00	21526	61.20	62.32



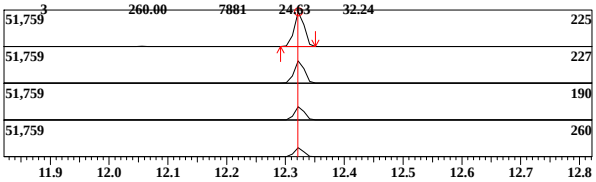
ID#:37 R.Time:12.243(Scan#:1769)
MassPeaks:53
RawMode:Averaged 12.233-12.253(1767-1771)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



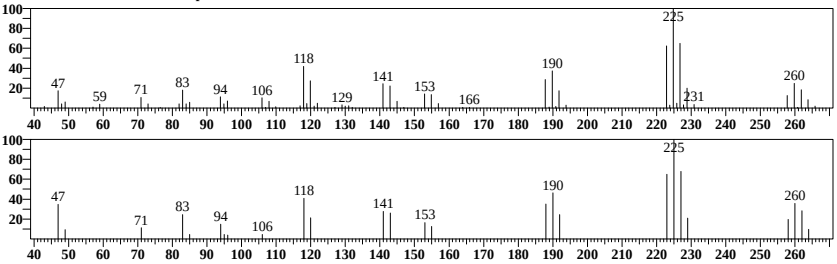
ID#:38 Name:Hexachlorobutadiene Type:Target No Manual Integration

Mass:225.00 R.T:12.323 Area:59251 Conc:18.60384ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	227.00	20780	64.93	64.03
2	190.00	11917	37.24	38.21
3	260.00	7881	24.63	32.24



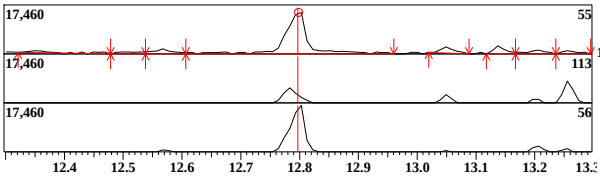
ID#:38 R.Time:12.321(Scan#:1785)
MassPeaks:60
RawMode:Averaged 12.312-12.331(1783-1787)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



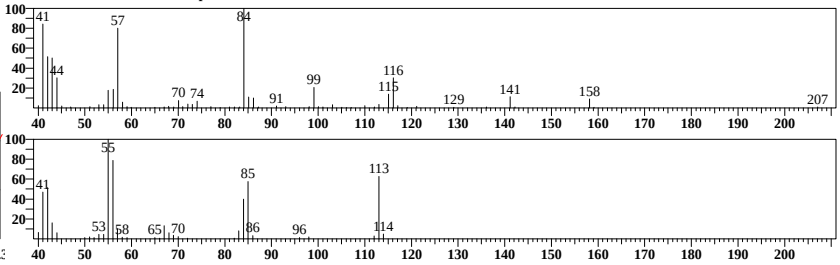
ID#:39 Name:Caprolactam Type:Target No Manual Integration

Mass:55.00 R.T:12.799 Area:42114 Conc:13.93575ppm
Event:1:Scan SI:65

#	m/z	Area	Ratio	Reference
1	113.00	2138	* 19.60	78.00
2	56.00	11555	105.93	79.15



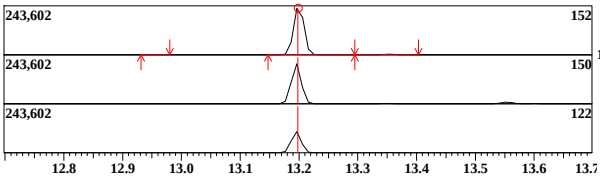
ID#:39 R.Time:12.803(Scan#:1883)
MassPeaks:59
RawMode:Averaged 12.793-12.813(1881-1885)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



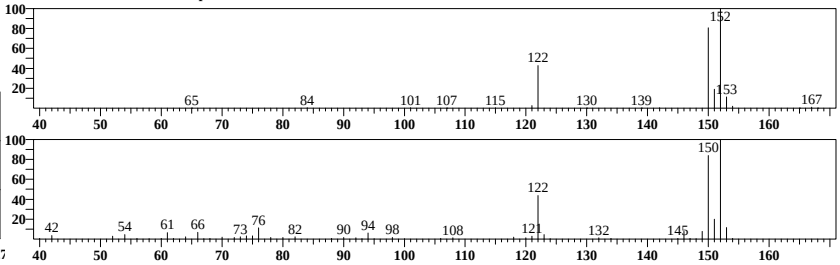
ID#:40 Name:2-Methylnaphthalene-d10 Type:Target No Manual Integration

Mass:152.00 R.T:13.199 Area:305521 Conc:28.72398ppm
Event:2:SIM SI:96

#	m/z	Area	Ratio	Reference
1	150.00	129265	80.60	58.54
2	122.00	68633	42.80	46.34



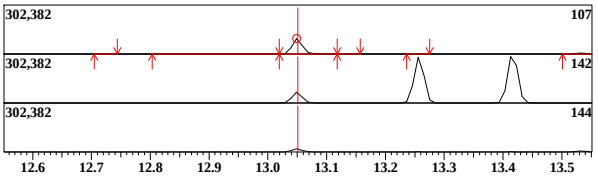
ID#:40 R.Time:13.196(Scan#:1964)
MassPeaks:18
RawMode:Averaged 13.187-13.206(1962-1966)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



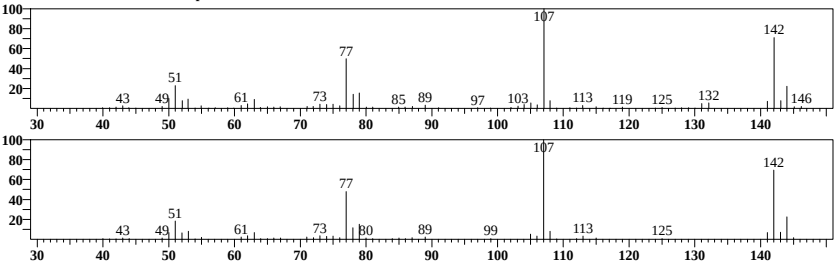
ID#:41 Name:4-Chloro-3-methylphenol Type:Target No Manual Integration

Mass:107.00 R.T:13.050 Area:121142 Conc:18.95003ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	142.00	44111	71.15	60.24
2	144.00	13723	22.14	18.55



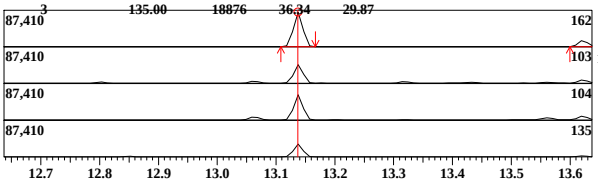
ID#:41 R.Time:13.049(Scan#:1933)
MassPeaks:71
RawMode:Averaged 13.039-13.059(1931-1935)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



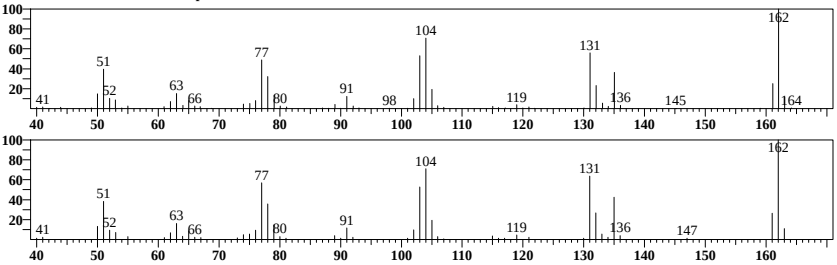
ID#:42 Name:Safrole Type:Target No Manual Integration

Mass:162.00 R.T:13.137 Area:95341 Conc:22.28863ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	103.00	27490	52.92	50.38
2	104.00	36777	70.80	67.22
3	135.00	18876	36.34	29.87



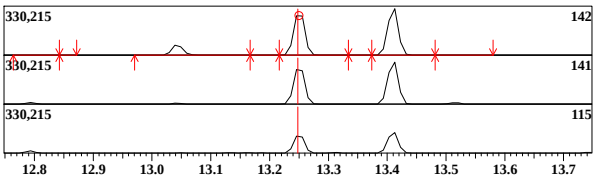
ID#:42 R.Time:13.137(Scan#:1951)
MassPeaks:62
RawMode:Averaged 13.128-13.147(1949-1953)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:43 Name:2-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.250 Area:386017 Conc:26.45678ppm
Event:2:SIM SI:98

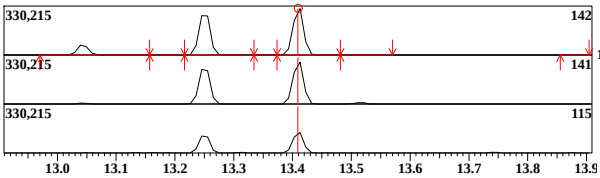
#	m/z	Area	Ratio	Reference
1	141.00	172114	86.89	68.04
2	115.00	84068	42.44	50.52



ID#:44 Name:1-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.410 Area:406560 Conc:29.37680ppm
Event:2:SIM SI:91

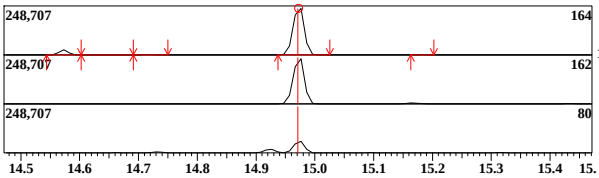
#	m/z	Area	Ratio	Reference
1	141.00	192705	90.58	72.83
2	115.00	95089	44.69	32.61



ID#:45 Name:Acenaphthene-d10 (IS) Type:ISTD No Manual Integration

Mass:164.00 R.T:14.973 Area:329134 Conc:40.00000ppm
Event:1:Scan SI:96

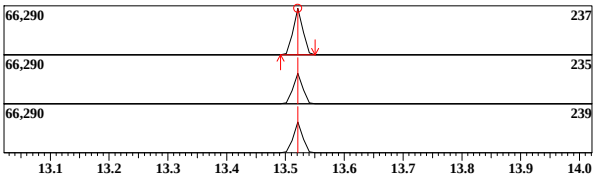
#	m/z	Area	Ratio	Reference
1	162.00	159191	95.27	95.44
2	80.00	38401	22.98	29.92



ID#:46 Name:Hexachlorocyclopentadiene Type:Target No Manual Integration

Mass:237.00 R.T:13.521 Area:73941 Conc:21.71353ppm
Event:1:Scan SI:95

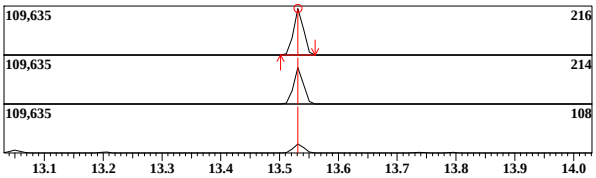
#	m/z	Area	Ratio	Reference
1	235.00	26098	65.06	58.98
2	239.00	25587	63.79	65.78



ID#:47 Name:1,2,4,5-Tetrachlorobenzene Type:Target No Manual Integration

Mass:216.00 R.T:13.531 Area:124812 Conc:21.29686ppm
Event:1:Scan SI:75

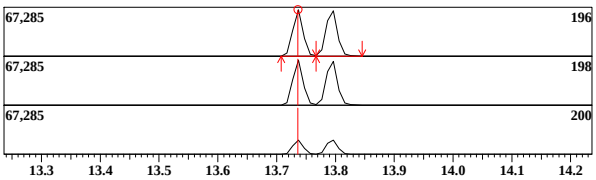
#	m/z	Area	Ratio	Reference
1	214.00	52079	77.72	78.02
2	108.00	14155	21.12	22.55



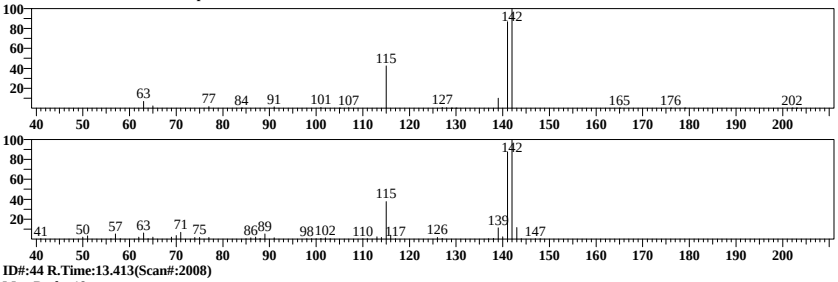
ID#:48 Name:2,4,6-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.736 Area:78459 Conc:22.63974ppm
Event:1:Scan SI:76

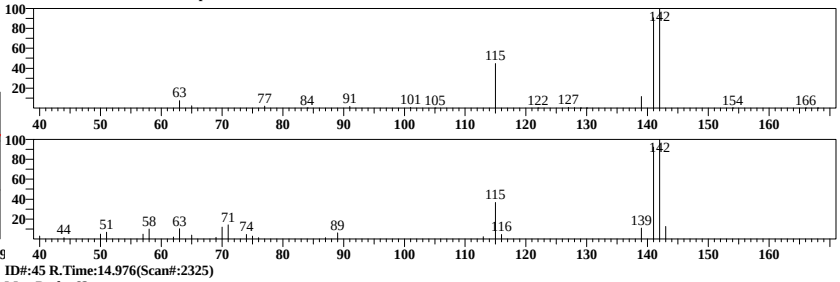
#	m/z	Area	Ratio	Reference
1	198.00	40076	97.86	94.42
2	200.00	13166	32.15	32.47



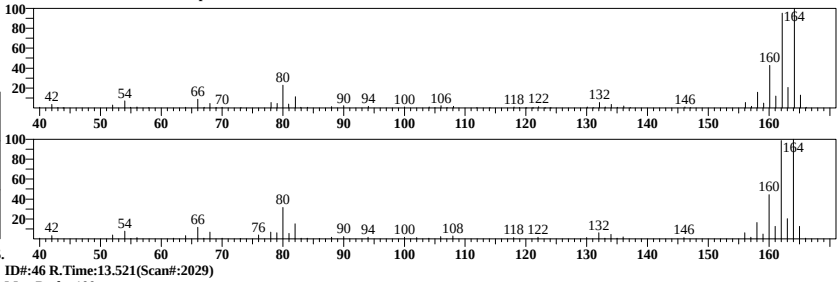
ID#:43 R.Time:13.246(Scan#:1974)
MassPeaks:21
RawMode:Averaged 13.236-13.256(1972-1976)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



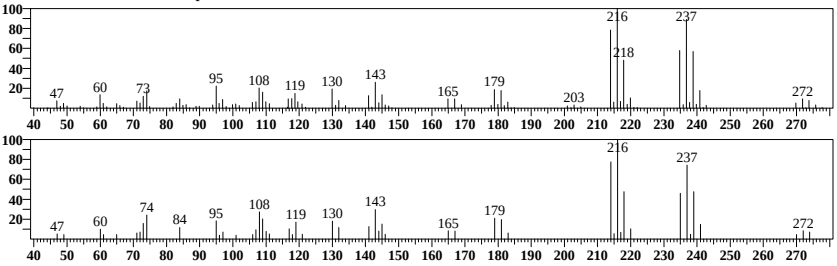
ID#:44 R.Time:13.413(Scan#:2008)
MassPeaks:19
RawMode:Averaged 13.403-13.423(2006-2010)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



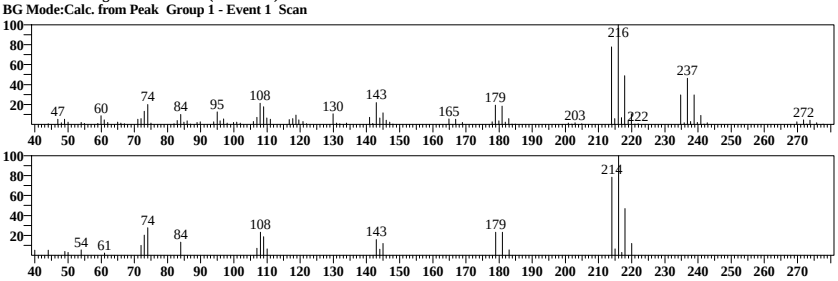
ID#:45 R.Time:14.976(Scan#:2325)
MassPeaks:62
RawMode:Averaged 14.967-14.986(2323-2327)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



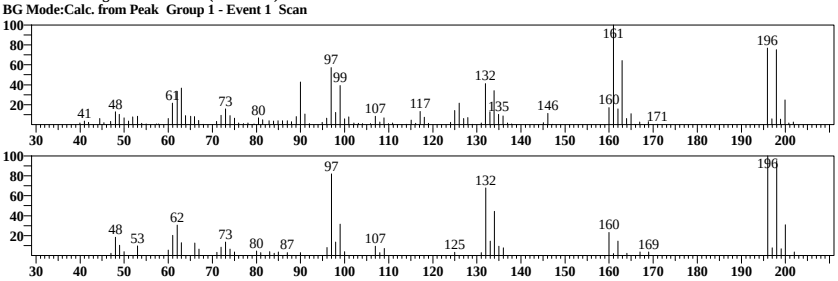
ID#:46 R.Time:13.521(Scan#:2029)
MassPeaks:100
RawMode:Averaged 13.511-13.531(2027-2031)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:47 R.Time:13.531(Scan#:2031)
MassPeaks:98
RawMode:Averaged 13.521-13.541(2029-2033)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



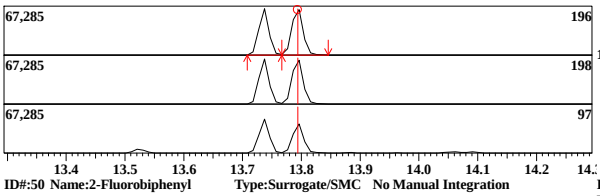
ID#:48 R.Time:13.737(Scan#:2073)
MassPeaks:102
RawMode:Averaged 13.727-13.747(2071-2075)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



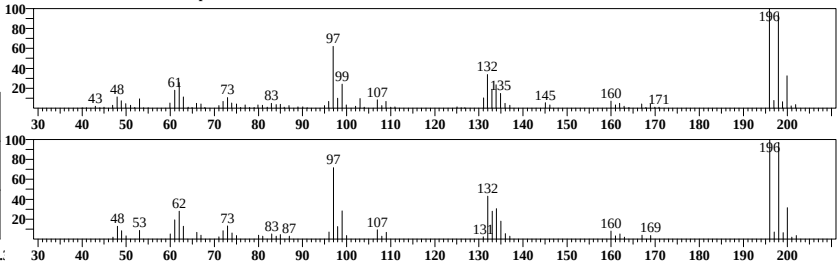
ID#:49 Name:2,4,5-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.794 Area:86720 Conc:22.96234ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	198.00	41644	95.29	97.81
2	97.00	27170	62.17	65.15



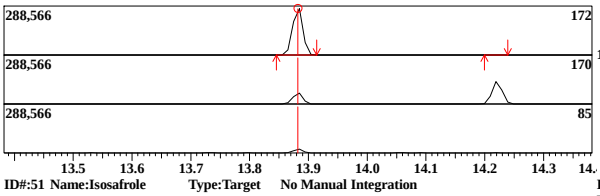
ID#:49 R.Time:13.796(Scan#:2085)
MassPeaks:86
RawMode:Averaged 13.787-13.806(2083-2087)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



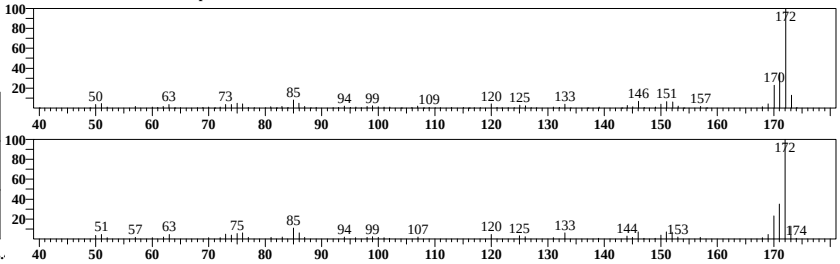
ID#:50 Name:2-Fluorobiphenyl Type:Surrogate/SMC No Manual Integration

Mass:172.00 R.T:13.883 Area:344385 Conc:28.85612ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	170.00	41907	22.96	22.48
2	85.00	14739	8.07	9.13



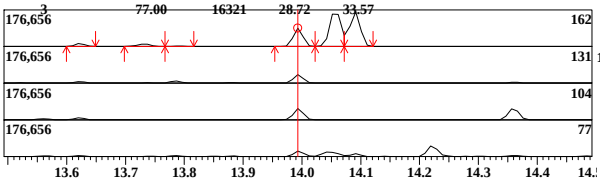
ID#:50 R.Time:13.885(Scan#:2103)
MassPeaks:91
RawMode:Averaged 13.875-13.895(2101-2105)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



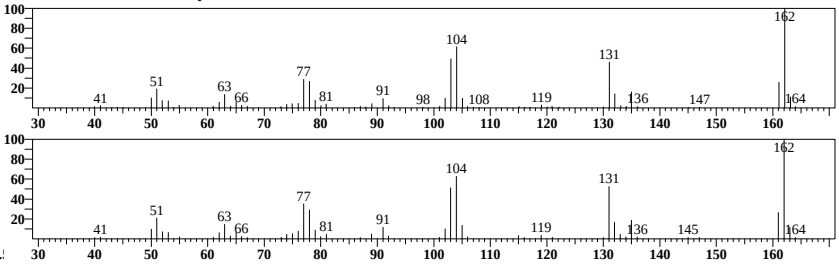
ID#:51 Name:Isosafrole Type:Target No Manual Integration

Mass:162.00 R.T:13.993 Area:106316 Conc:22.69121ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	131.00	26066	45.87	42.54
2	104.00	34959	61.52	57.35
3	77.00	16321	28.72	33.57



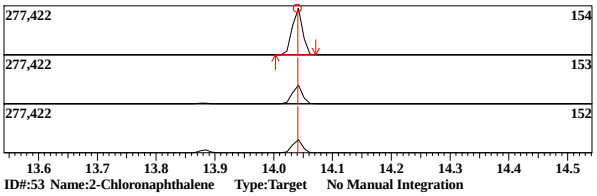
ID#:51 R.Time:13.993(Scan#:2125)
MassPeaks:65
RawMode:Averaged 13.983-14.003(2123-2127)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



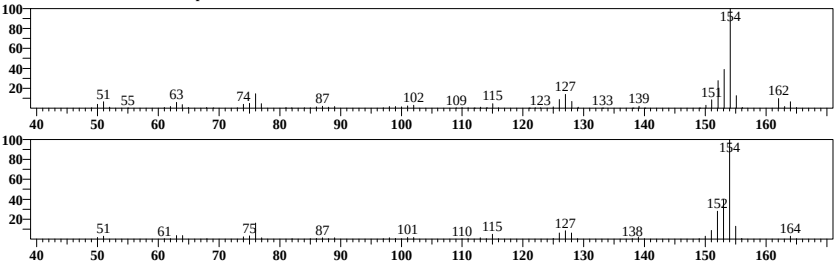
ID#:52 Name:1,1'-Biphenyl Type:Target No Manual Integration

Mass:154.00 R.T:14.041 Area:325891 Conc:21.94554ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	153.00	67828	38.87	38.49
2	152.00	48372	27.72	28.01



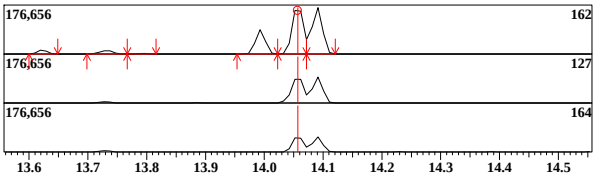
ID#:52 R.Time:14.042(Scan#:2135)
MassPeaks:63
RawMode:Averaged 14.032-14.052(2133-2137)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



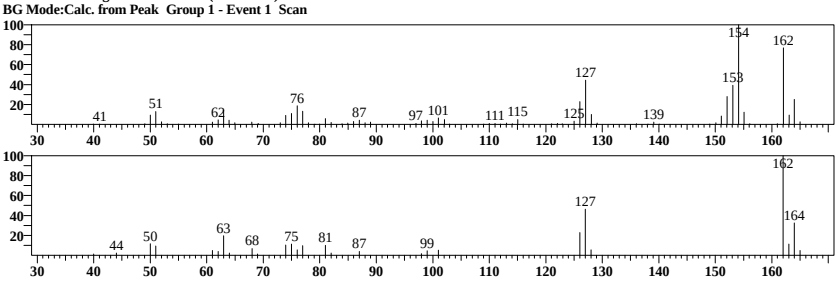
ID#:53 Name:2-Chloronaphthalene Type:Target No Manual Integration

Mass:162.00 R.T:14.057 Area:240351 Conc:20.86299ppm
Event:1:Scan SI:69

#	m/z	Area	Ratio	Reference
1	127.00	49118	57.60	48.49
2	164.00	27650	32.42	32.94



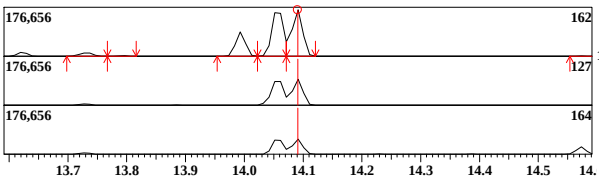
ID#:53 R.Time:14.052(Scan#:2137)
MassPeaks:71
RawMode:Averaged 14.042-14.062(2135-2139)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



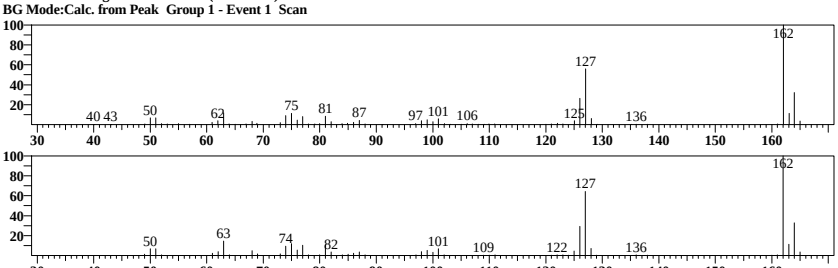
ID#:54 Name:1-Chloronaphthalene Type:Target No Manual Integration

Mass:162.00 R.T:14.090 Area:204030 Conc:22.62548ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	127.00	45474	55.91	48.49
2	164.00	26171	32.18	32.94



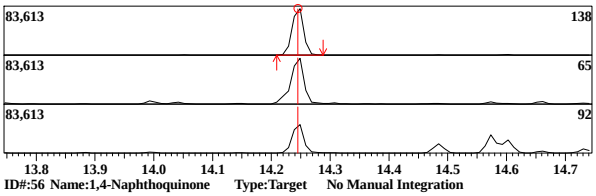
ID#:54 R.Time:14.091(Scan#:2145)
MassPeaks:64
RawMode:Averaged 14.082-14.101(2143-2147)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



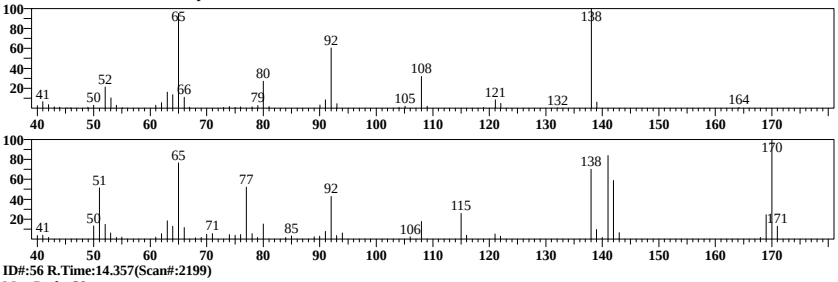
ID#:55 Name:2-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.246 Area:111319 Conc:26.84404ppm
Event:1:Scan SI:58

#	m/z	Area	Ratio	Reference
1	65.00	53382	95.15	101.46
2	92.00	33882	60.39	55.64

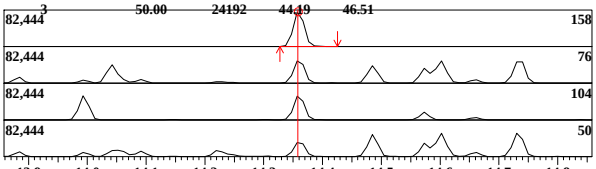


ID#:56 Name:1,4-Naphthoquinone Type:Target No Manual Integration

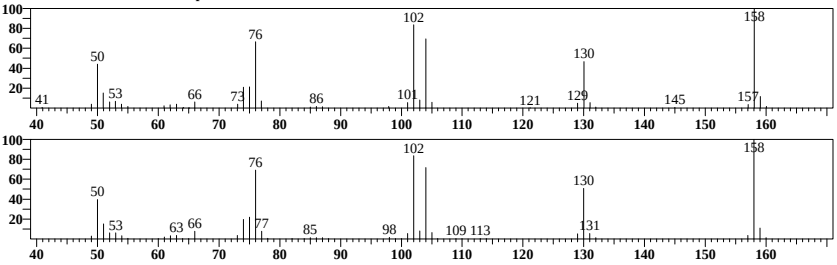


Mass:158.00 R.T:14.359 Area:107214 Conc:23.39352ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	76.00	36393	66.47	68.34
2	104.00	37982	69.38	74.24
3	50.00	24192	44.19	46.51

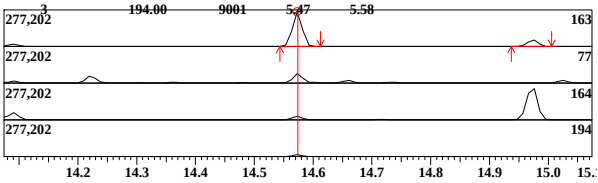


ID#:57 Name:Dimethyl phthalate Type:Target No Manual Integration

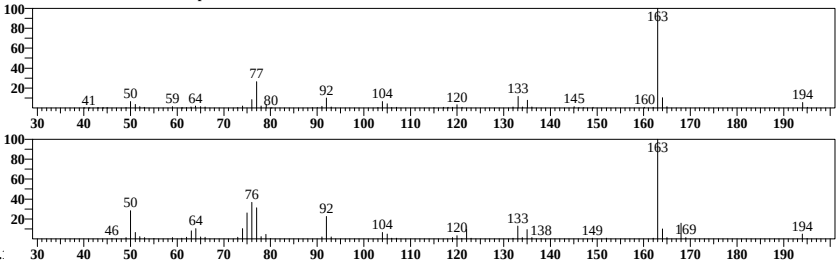


Mass:163.00 R.T:14.573 Area:303925 Conc:25.33263ppm
Event:1:Scan SI:81

#	m/z	Area	Ratio	Reference
1	77.00	43290	26.33	29.31
2	164.00	16716	10.17	10.65
3	194.00	9001	5.47	5.58

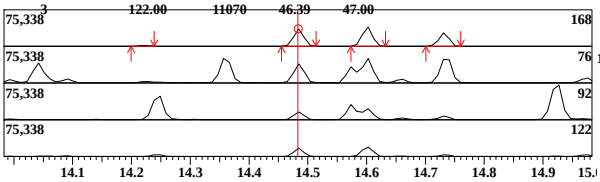


ID#:58 Name:1,3-Dinitrobenzene Type:Target No Manual Integration

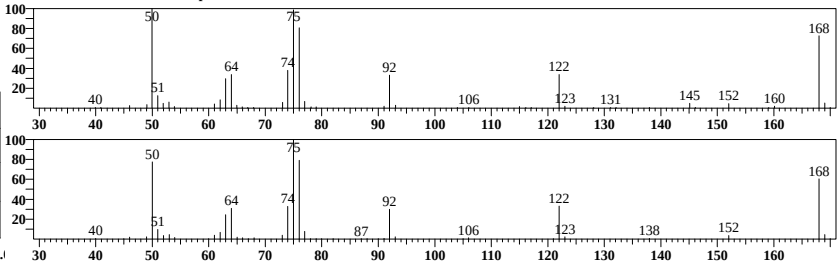


Mass:168.00 R.T:14.484 Area:44866 Conc:25.86838ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	76.00	26596	111.44	100.00
2	92.00	10866	45.53	44.00
3	122.00	11070	46.39	47.00

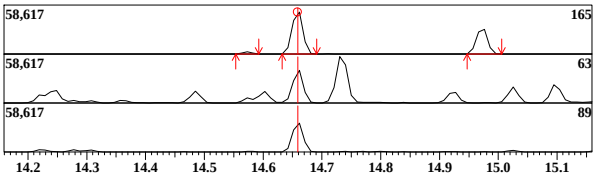


ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT) Type:Target No Manual Integration

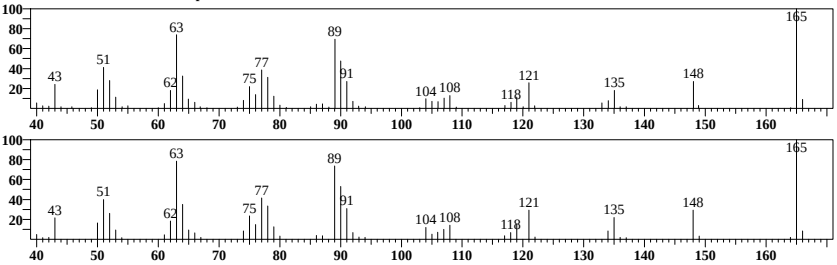


Mass:165.00 R.T:14.659 Area:67173 Conc:26.11303ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	63.00	25935	74.01	89.00
2	89.00	24291	69.32	65.00

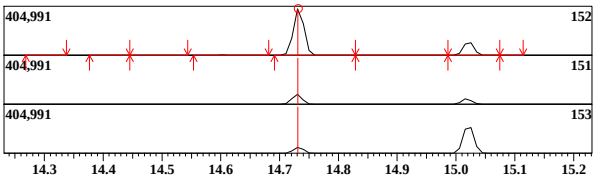


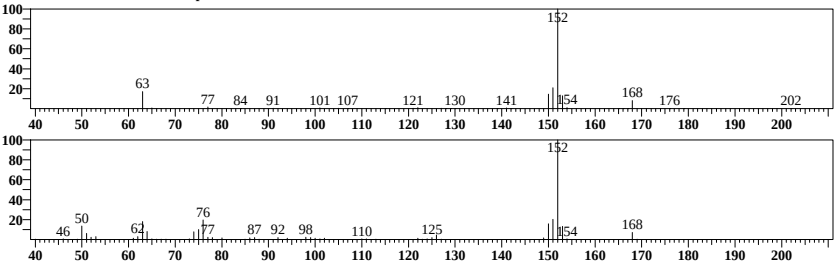
ID#:60 Name:Acenaphthylene Type:Target No Manual Integration



Mass:152.00 R.T:14.732 Area:500832 Conc:24.88267ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	151.00	54932	20.87	14.97
2	153.00	33822	12.85	5.44

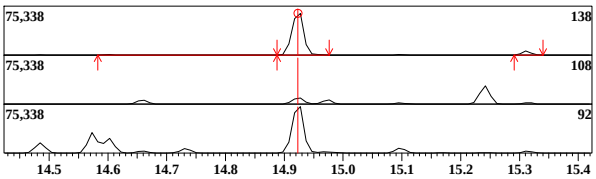




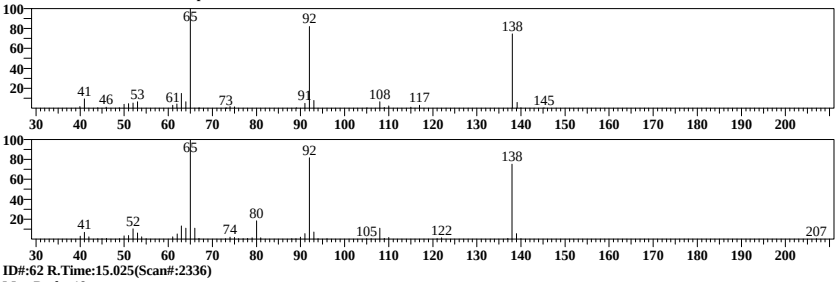
ID#:61 Name:3-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.923 Area:94163 Conc:27.28122ppm
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	108.00	3988	8.71	16.00
2	92.00	50314	109.89	101.00



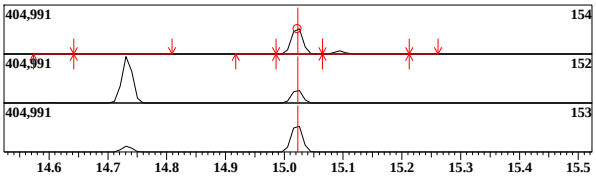
ID#:61 R.Time:14.927(Scan#:2315)
MassPeaks:32
RawMode:Averaged 14.917-14.937(2313-2317)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



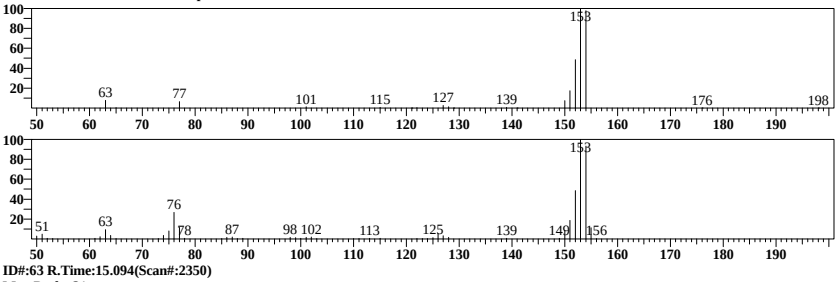
ID#:62 Name:Acenaphthene Type:Target No Manual Integration

Mass:154.00 R.T:15.022 Area:294677 Conc:22.06232ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	152.00	75546	49.59	59.49
2	153.00	156000	102.41	105.06



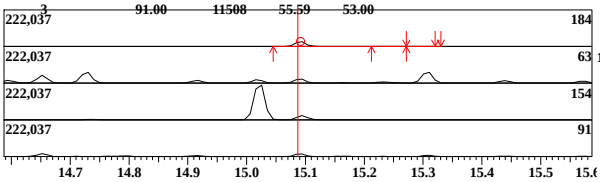
ID#:62 R.Time:15.025(Scan#:2336)
MassPeaks:19
RawMode:Averaged 15.016-15.035(2334-2338)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



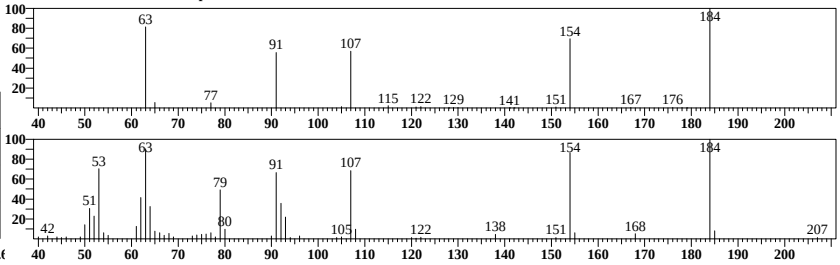
ID#:63 Name:2,4-Dinitrophenol Type:Target No Manual Integration

Mass:184.00 R.T:15.092 Area:42354 Conc:29.58210ppm
Event:2:SIM SI:93

#	m/z	Area	Ratio	Reference
1	63.00	16860	81.44	90.00
2	154.00	14398	69.55	64.00
3	91.00	11508	55.59	53.00



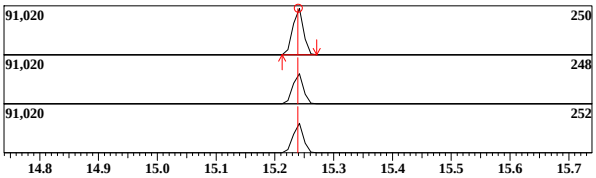
ID#:63 R.Time:15.094(Scan#:2350)
MassPeaks:21
RawMode:Averaged 15.085-15.104(2348-2352)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



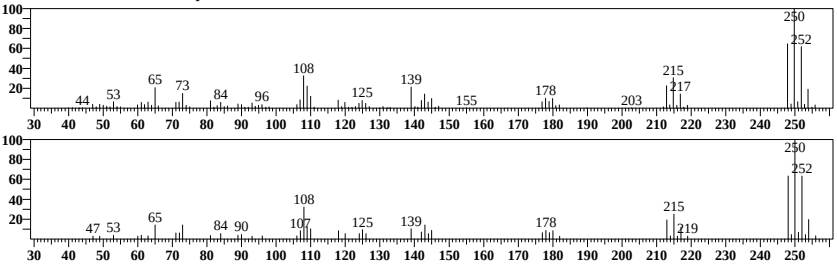
ID#:64 Name:Pentachlorobenzene Type:Target No Manual Integration

Mass:250.00 R.T:15.240 Area:110223 Conc:24.33144ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	248.00	37560	64.47	63.33
2	252.00	35951	61.71	65.87



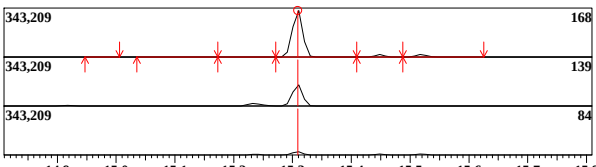
ID#:64 R.Time:15.242(Scan#:2379)
MassPeaks:96
RawMode:Averaged 15.232-15.252(2377-2381)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



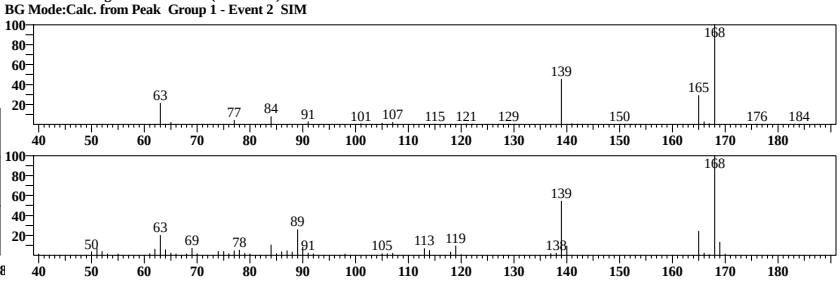
ID#:65 Name:Dibenzofuran Type:Target No Manual Integration

Mass:168.00 R.T:15.309 Area:411731 Conc:23.11506ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	139.00	98664	45.46	44.93
2	84.00	16449	7.58	10.15



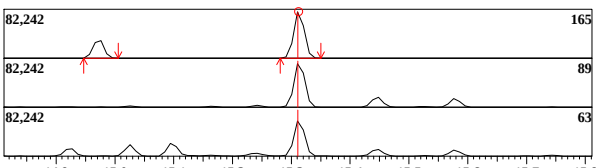
ID#:65 R.Time:15.311(Scan#:2394)
MassPeaks:27
RawMode:Averaged 15.301-15.320(2392-2396)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



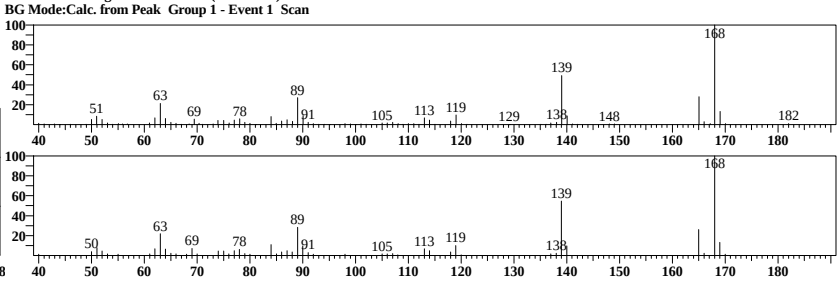
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT) Type:Target No Manual Integration

Mass:165.00 R.T:15.313 Area:100467 Conc:27.07094ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	89.00	50956	96.58	96.00
2	63.00	39999	75.81	80.00



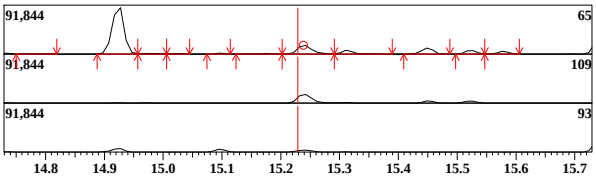
ID#:66 R.Time:15.311(Scan#:2393)
MassPeaks:84
RawMode:Averaged 15.301-15.320(2391-2395)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:67 Name:4-Nitrophenol Type:Target No Manual Integration

Mass:65.00 R.T:15.239 Area:30512 Conc:13.09043ppm
Event:1:Scan SI:54

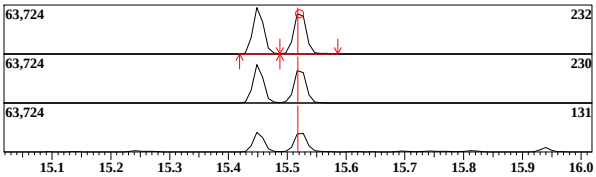
#	m/z	Area	Ratio	Reference
1	109.00	13242	102.41	97.00
2	93.00	3193	24.70	21.72



ID#:68 Name:2,3,4,6-Tetrachlorophenol Type:Target No Manual Integration

Mass:232.00 R.T:15.521 Area:80696 Conc:25.26957ppm
Event:1:Scan SI:94

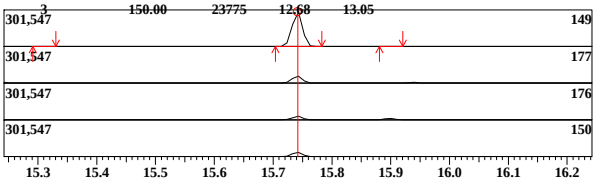
#	m/z	Area	Ratio	Reference
1	230.00	30554	79.12	75.09
2	131.00	17480	45.27	41.75



ID#:69 Name:Diethyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:15.742 Area:354830 Conc:27.15179ppm
Event:1:Scan SI:98

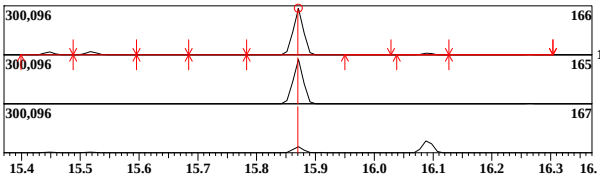
#	m/z	Area	Ratio	Reference
1	177.00	37979	20.25	23.56
2	176.00	19230	10.25	10.95
3	150.00	23775	12.68	13.05



ID#:70 Name:Fluorene Type:Target No Manual Integration

Mass:166.00 R.T:15.871 Area:351572 Conc:24.20638ppm
Event:2:SIM SI:96

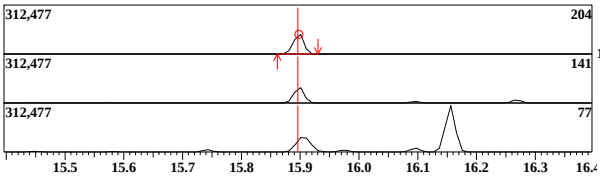
#	m/z	Area	Ratio	Reference
1	165.00	177365	95.32	75.42
2	167.00	24566	13.20	3.39



ID#:71 Name:4-Chlorophenyl phenyl ether Type:Target No Manual Integration

Mass:204.00 R.T:15.898 Area:163152 Conc:25.23343ppm
Event:1:Scan SI:68

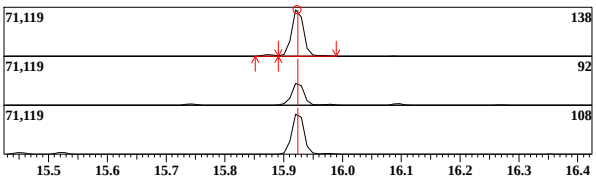
#	m/z	Area	Ratio	Reference
1	141.00	66370	78.71	98.00
2	77.00	70694	* 83.84	53.19



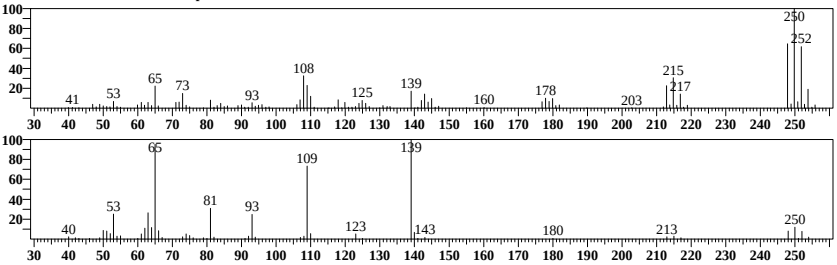
ID#:72 Name:4-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:15.923 Area:98278 Conc:30.59078ppm
Event:1:Scan SI:52

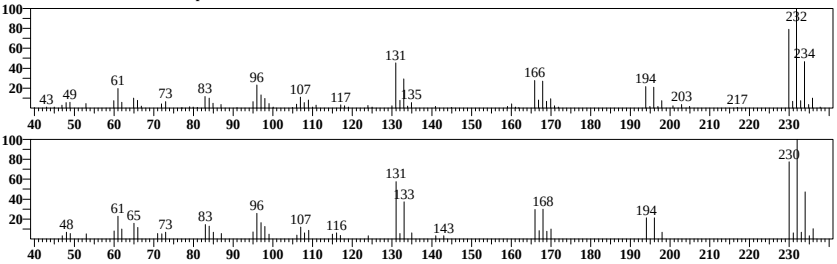
#	m/z	Area	Ratio	Reference
1	92.00	22985	47.32	64.55
2	108.00	43409	89.36	83.01



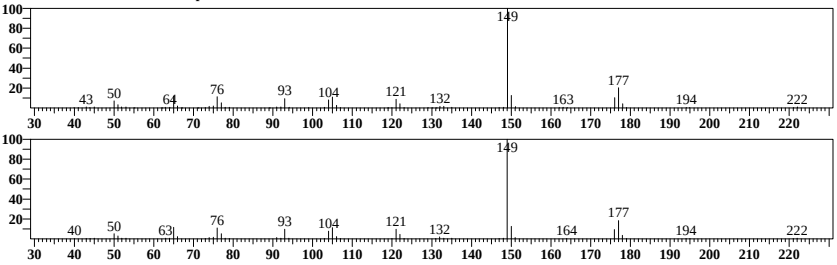
ID#:67 R.Time:15.242(Scan#:2379)
MassPeaks:99
RawMode:Averaged 15.232-15.252(2377-2381)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



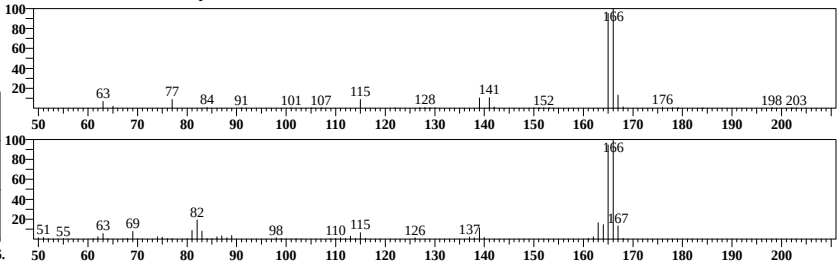
ID#:68 R.Time:15.517(Scan#:2435)
MassPeaks:78
RawMode:Averaged 15.507-15.527(2433-2437)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



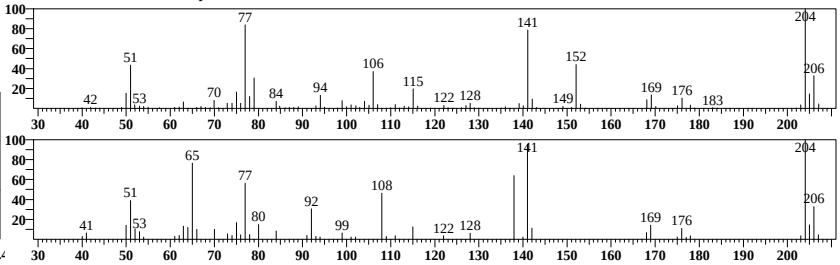
ID#:69 R.Time:15.743(Scan#:2481)
MassPeaks:62
RawMode:Averaged 15.733-15.753(2479-2483)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



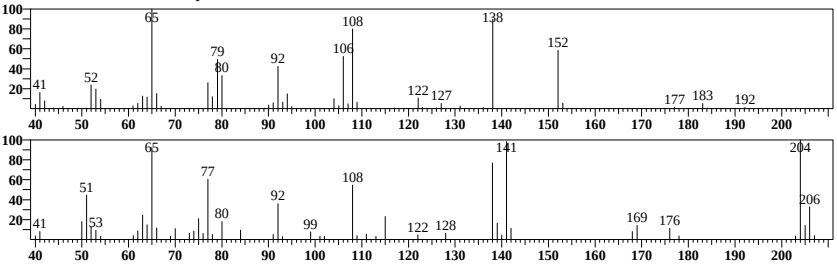
ID#:70 R.Time:15.871(Scan#:2508)
MassPeaks:32
RawMode:Averaged 15.861-15.881(2506-2510)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



ID#:71 R.Time:15.901(Scan#:2513)
MassPeaks:92
RawMode:Averaged 15.891-15.911(2511-2515)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



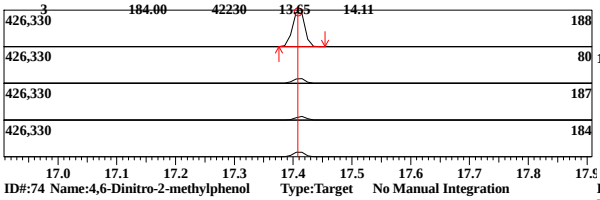
ID#:72 R.Time:15.920(Scan#:2517)
MassPeaks:51
RawMode:Averaged 15.911-15.930(2515-2519)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

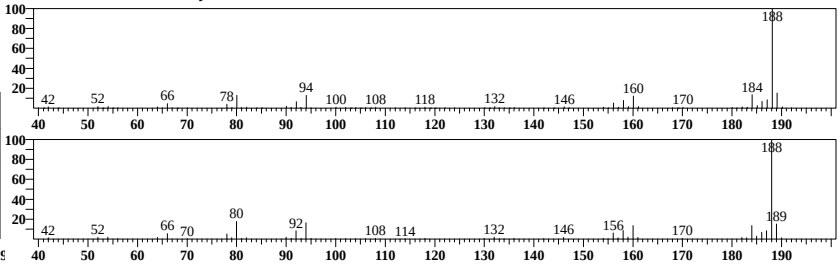


ID#:73 Name:Phenanthrene-d10 (IS) Type:ISTD No Manual Integration

Mass:188.00 R.T:17.409 Area:613009 Conc:40.00000ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	80.00	39896	12.89	15.93
2	187.00	25693	8.30	10.00
3	184.00	42230	13.65	14.11

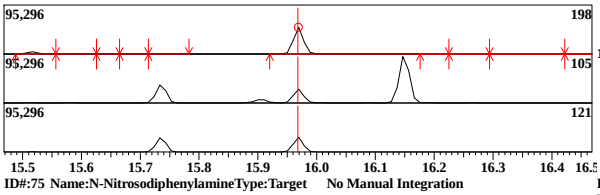


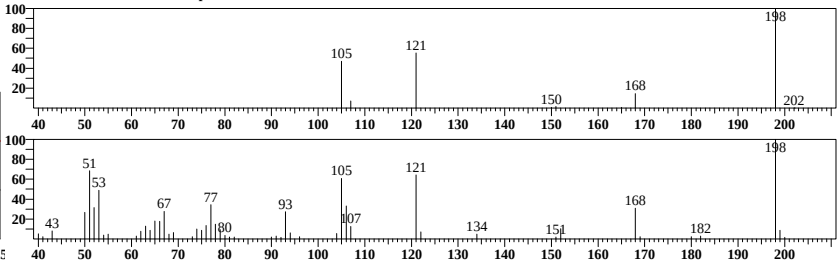


ID#:74 Name:4,6-Dinitro-2-methylphenol Type:Target No Manual Integration

Mass:198.00 R.T:15.969 Area:64792 Conc:32.97689ppm
Event:2:SIM SI:62

#	m/z	Area	Ratio	Reference
1	105.00	15642	46.88	55.83
2	121.00	18458	55.31	44.01

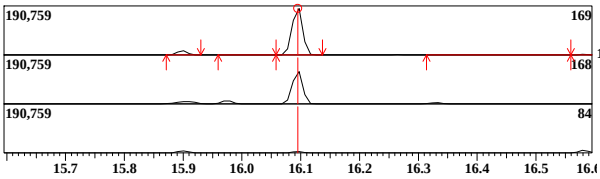


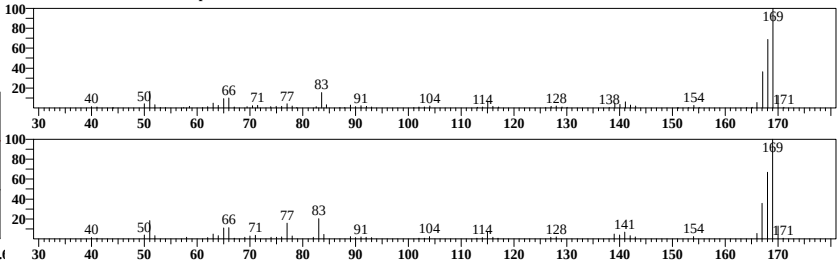


ID#:75 Name:N-NitrosodiphenylamineType:Target No Manual Integration

Mass:169.00 R.T:16.095 Area:235017 Conc:22.16029ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	168.00	84652	68.88	64.38
2	84.00	3885	3.16	2.92

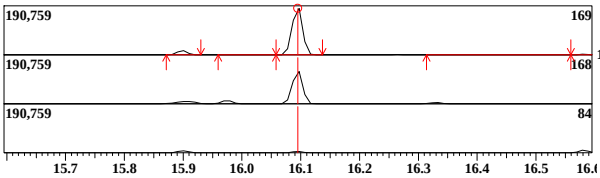


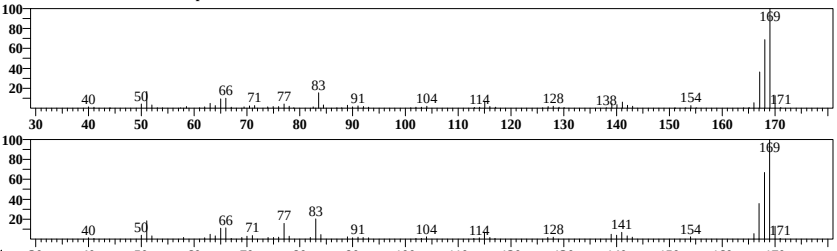


ID#:76 Name:Diphenylamine Type:Target No Manual Integration

Mass:169.00 R.T:16.095 Area:235017 Conc:22.16029ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	168.00	84652	68.88	64.38
2	84.00	3885	3.16	2.92

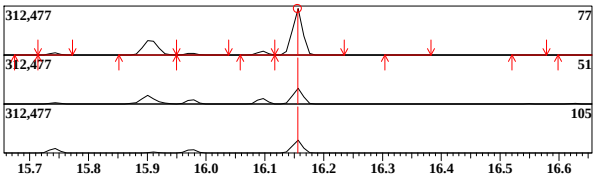


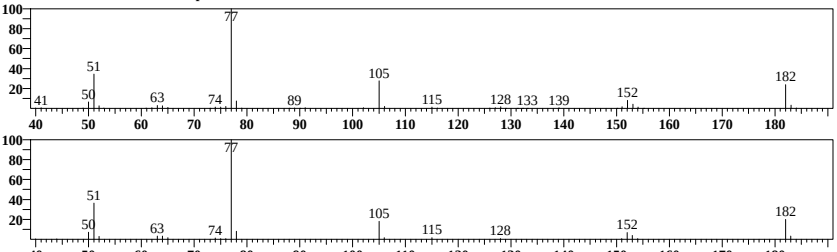


ID#:77 Name:1,2-Diphenylhydrazine Type:Target No Manual Integration

Mass:77.00 R.T:16.156 Area:365342 Conc:25.72874ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	51.00	66353	34.44	21.73
2	105.00	53108	27.57	6.07

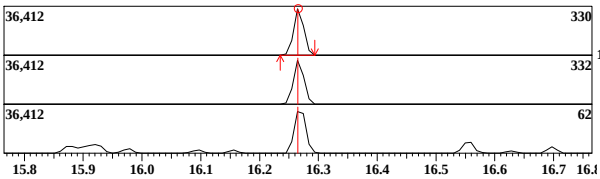


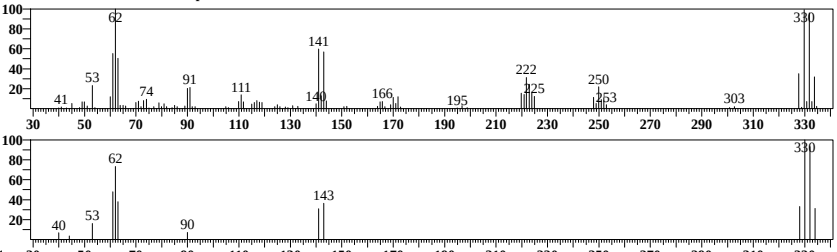


ID#:78 Name:2,4,6-Tribromophenol Type:Surrogate/SMC No Manual Integration

Mass:330.00 R.T:16.266 Area:43010 Conc:31.83941ppm
Event:1:Scan SI:70

#	m/z	Area	Ratio	Reference
1	332.00	21921	96.63	100.00
2	62.00	22832	100.64	97.00





ID#:73 R.Time:17.405(Scan#:2819)
MassPeaks:78
RawMode:Averaged 17.395-17.415(2817-2821)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:74 R.Time:15.970(Scan#:2528)
MassPeaks:9
RawMode:Averaged 15.960-15.979(2526-2530)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM

ID#:75 R.Time:16.097(Scan#:2553)
MassPeaks:68
RawMode:Averaged 16.087-16.107(2551-2555)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:76 R.Time:16.097(Scan#:2553)
MassPeaks:68
RawMode:Averaged 16.087-16.107(2551-2555)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

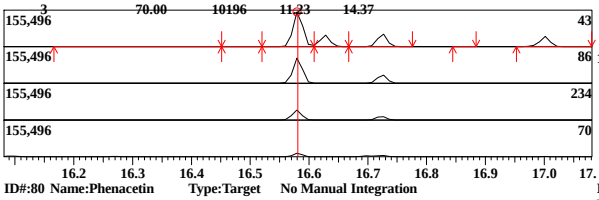
ID#:77 R.Time:16.156(Scan#:2565)
MassPeaks:45
RawMode:Averaged 16.147-16.166(2563-2567)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:78 R.Time:16.265(Scan#:2587)
MassPeaks:94
RawMode:Averaged 16.255-16.274(2585-2589)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

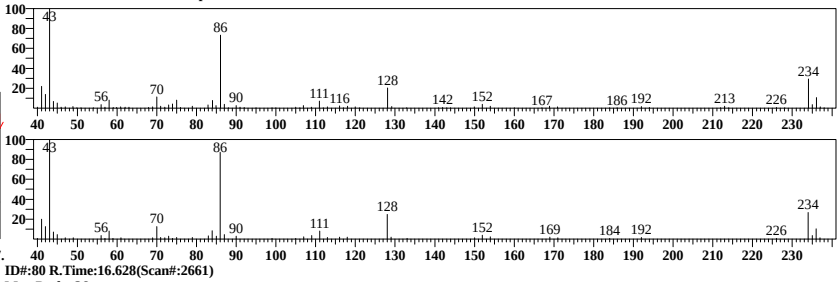
ID#:79 Name:(cis/trans)-Diallate Type:Target No Manual Integration

Mass:43.00 R.T:16.580 Area:181239 Conc:27.05167ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	86.00	66448	73.18	76.79
2	234.00	26623	29.32	26.39
3	70.00	10196	11.23	14.37



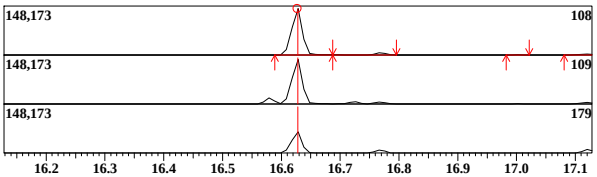
ID#:79 R.Time:16.579(Scan#:2651)
MassPeaks:82
RawMode:Averaged 16.569-16.589(2649-2653)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



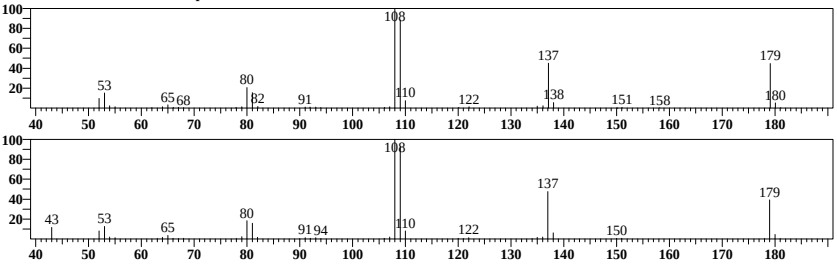
ID#:80 Name:Phenacetin Type:Target No Manual Integration

Mass:108.00 R.T:16.627 Area:179001 Conc:25.71593ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	109.00	80734	88.41	83.01
2	179.00	40914	44.81	44.31



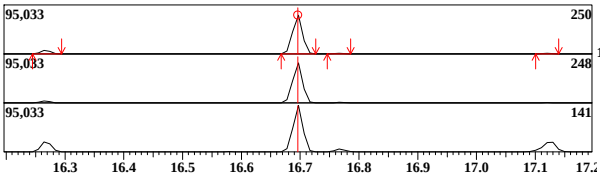
ID#:80 R.Time:16.628(Scan#:2661)
MassPeaks:36
RawMode:Averaged 16.619-16.638(2659-2663)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



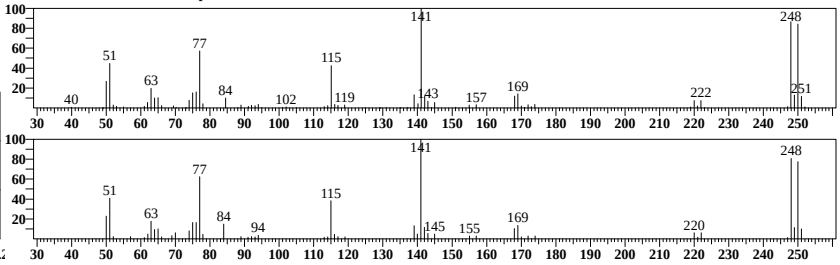
ID#:81 Name:4-Bromophenyl phenyl ether Type:Target No Manual Integration

Mass:250.00 R.T:16.696 Area:90528 Conc:25.71944ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	248.00	49687	102.68	105.86
2	141.00	57537	118.91	137.00



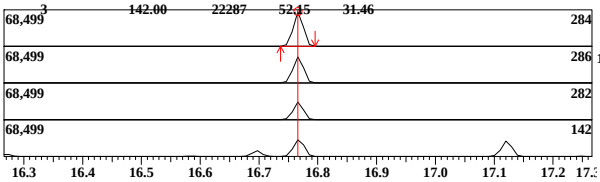
ID#:81 R.Time:16.697(Scan#:2675)
MassPeaks:71
RawMode:Averaged 16.687-16.707(2673-2677)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



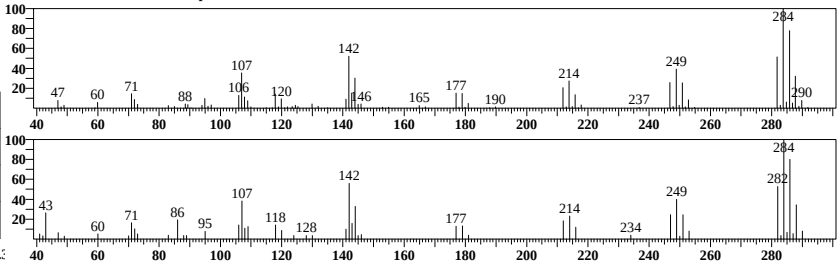
ID#:82 Name:Hexachlorobenzene Type:Target No Manual Integration

Mass:284.00 R.T:16.767 Area:80089 Conc:24.96264ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	286.00	33219	77.73	79.72
2	282.00	21979	51.43	51.93
3	142.00	22287	52.15	31.46



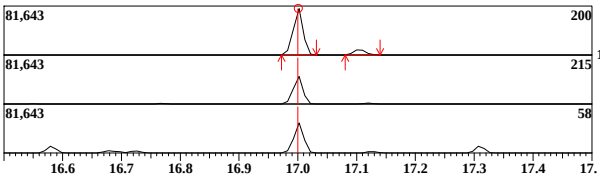
ID#:82 R.Time:16.766(Scan#:2689)
MassPeaks:78
RawMode:Averaged 16.756-16.776(2687-2691)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



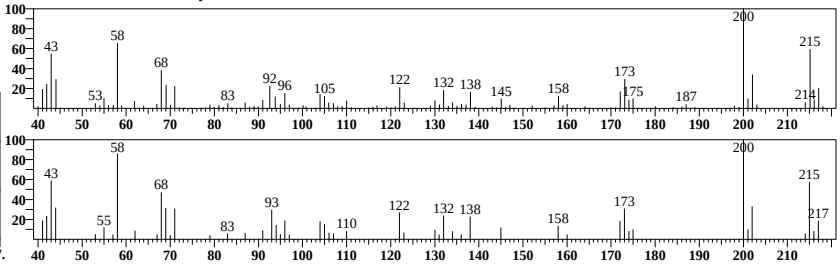
ID#:83 Name:Atrazine Type:Target No Manual Integration

Mass:200.00 R.T:17.001 Area:91912 Conc:25.91406ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	215.00	28845	59.16	59.43
2	58.00	31750	65.12	64.00



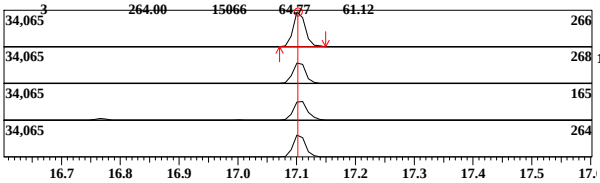
ID#:83 R.Time:17.002(Scan#:2737)
MassPeaks:112
RawMode:Averaged 16.992-17.012(2735-2739)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



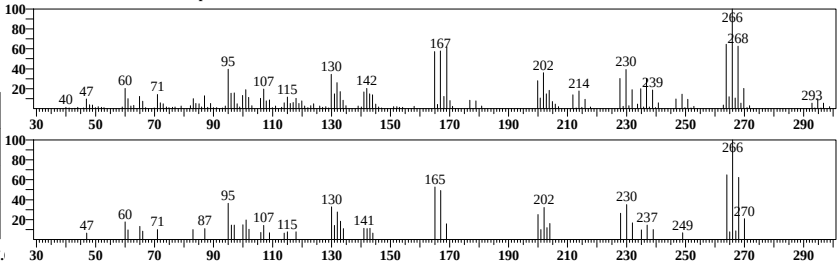
ID#:84 Name:Pentachlorophenol Type:Target No Manual Integration

Mass:266.00 R.T:17.103 Area:47702 Conc:28.91375ppm
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	268.00	14555	62.58	59.97
2	165.00	13306	57.21	41.42
3	264.00	15066	64.77	61.12



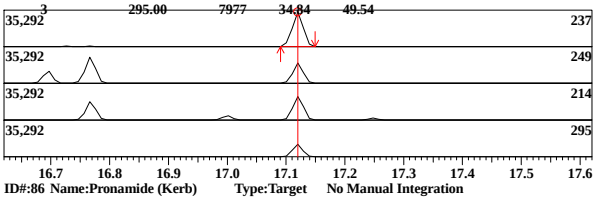
ID#:84 R.Time:17.100(Scan#:2757)
MassPeaks:151
RawMode:Averaged 17.090-17.110(2755-2759)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

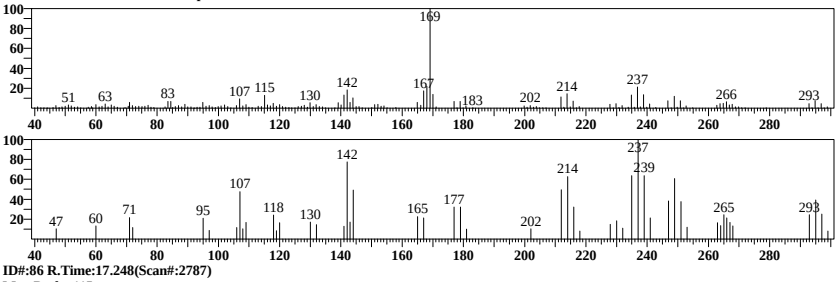


ID#:85 Name:Pentachloronitrobenzene Type:Target No Manual Integration

Mass:237.00 R.T:17.120 Area:44283 Conc:26.43620ppm
Event:1:Scan SI:56

#	m/z	Area	Ratio	Reference
1	249.00	12768	55.76	68.26
2	214.00	15604	68.14	62.54
3	295.00	7977	34.84	49.54

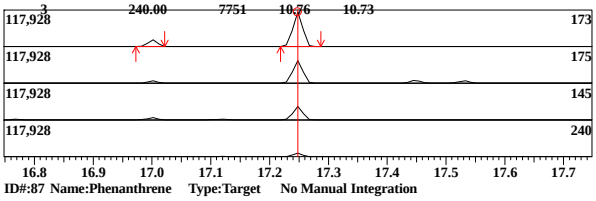


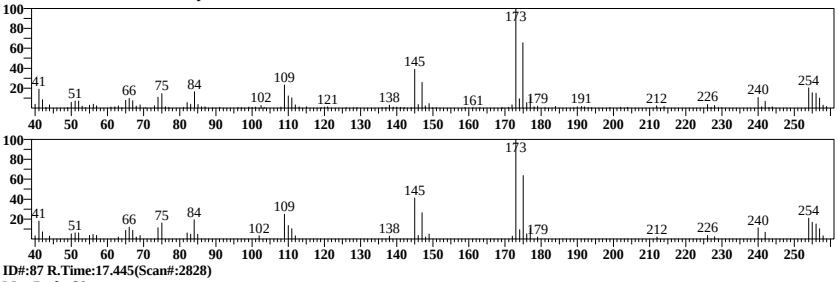


ID#:86 Name:Pronamide (Kerb) Type:Target No Manual Integration

Mass:173.00 R.T:17.248 Area:133276 Conc:25.69273ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	175.00	47244	65.56	60.85
2	145.00	28028	38.90	30.82
3	240.00	7751	10.76	10.73

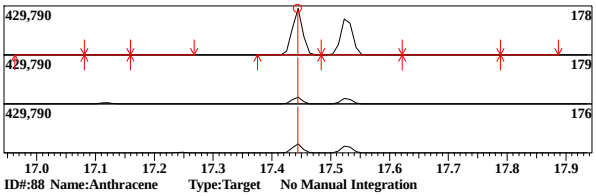


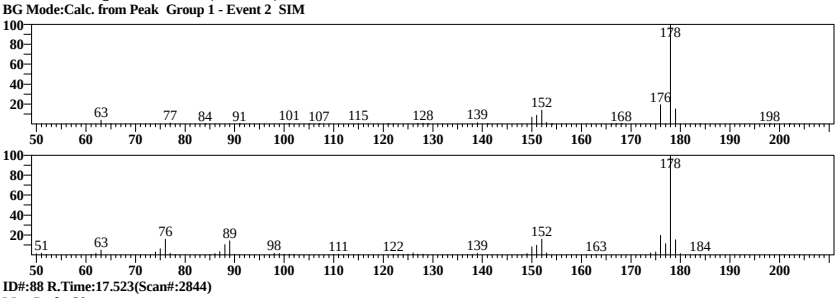


ID#:87 Name:Phenanthrene Type:Target No Manual Integration

Mass:178.00 R.T:17.443 Area:508385 Conc:25.02603ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	179.00	40563	15.15	15.63
2	176.00	51284	19.16	18.75

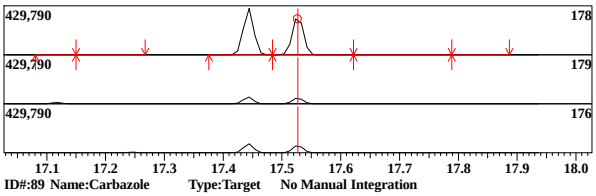


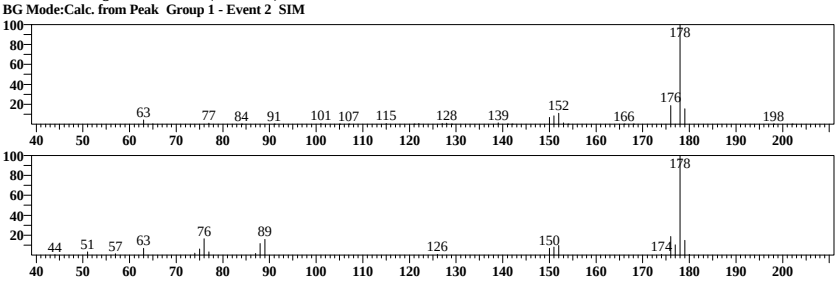


ID#:88 Name:Anthracene Type:Target No Manual Integration

Mass:178.00 R.T:17.526 Area:455376 Conc:21.44309ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	179.00	35490	15.50	12.08
2	176.00	43044	18.80	20.60

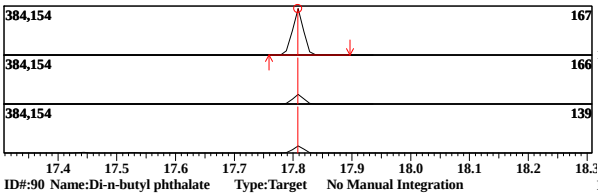


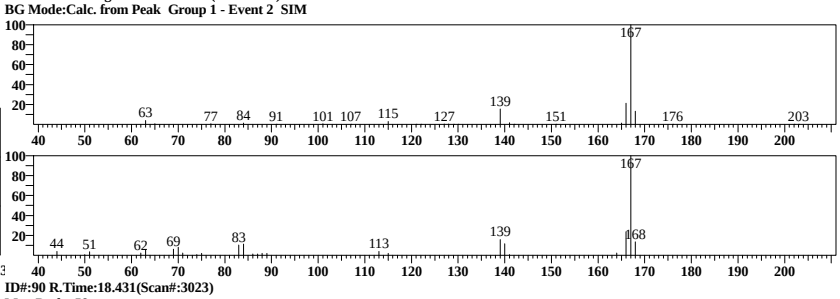


ID#:89 Name:Carbazole Type:Target No Manual Integration

Mass:167.00 R.T:17.808 Area:477347 Conc:25.25524ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	166.00	52748	21.30	20.96
2	139.00	38174	15.42	12.92

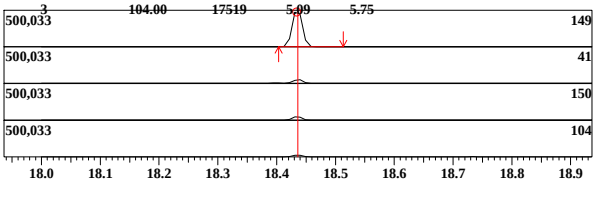


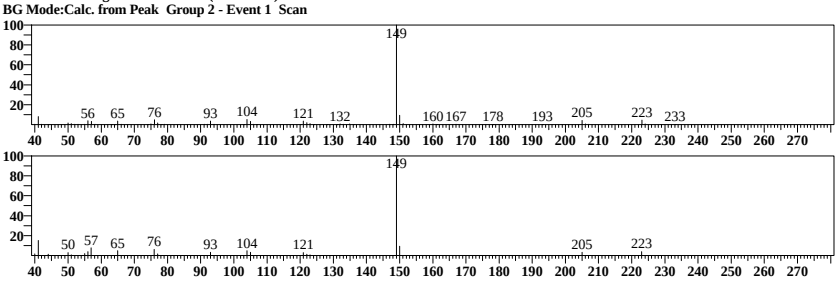


ID#:90 Name:Di-n-butyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:18.435 Area:630375 Conc:28.28061ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	41.00	27717	8.05	10.41
2	150.00	32113	9.33	8.84
3	104.00	17519	5.09	5.75

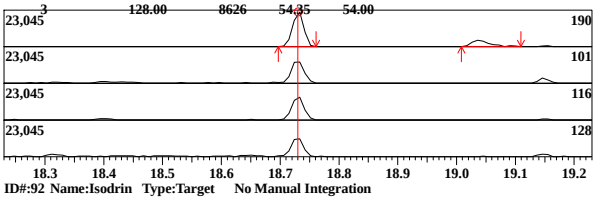




ID#:91 Name:4-Nitroquinoline-N-Oxide Type:Target No Manual Integration

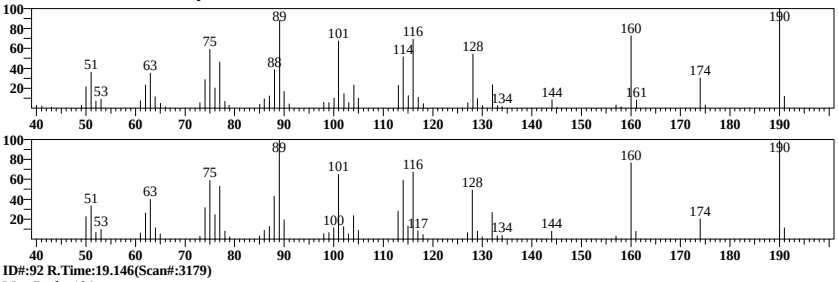
Mass:190.00 R.T:18.731 Area:29496 Conc:22.64683ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	101.00	10726	67.58	71.00
2	116.00	10989	69.24	70.00
3	128.00	8626	54.35	54.00

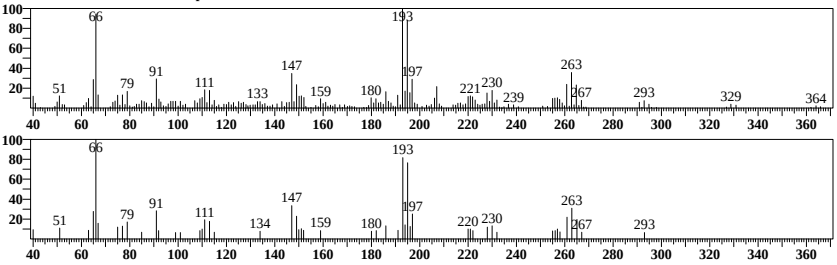


ID#:92 Name:Isodrin Type:Target No Manual Integration

ID#:91 R.Time:18.733(Scan#:3089)
MassPeaks:59
RawMode:Averaged 18.724-18.743(3087-3091)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan

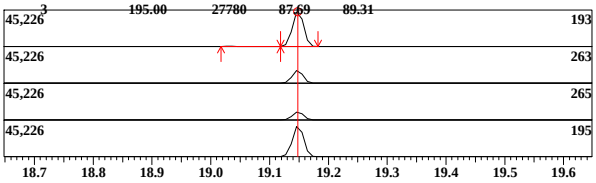


ID#:92 R.Time:19.146(Scan#:3179)
MassPeaks:194
RawMode:Averaged 19.137-19.155(3177-3181)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



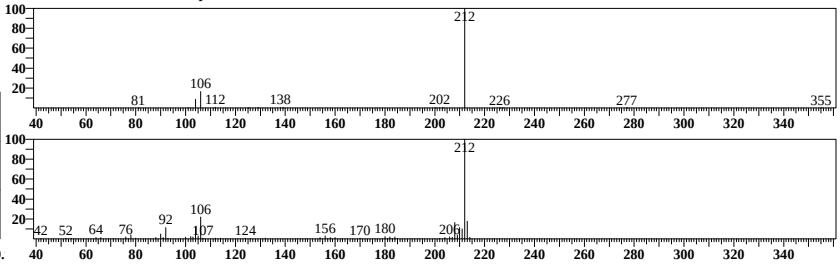
Mass:193.00 R.T:19.148 Area:58408 Conc:28.95388ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	263.00	11268	35.57	42.74
2	265.00	7323	23.11	29.49
3	195.00	27780	87.69	89.31



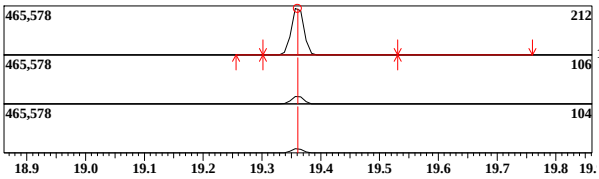
ID#:93 Name:Fluoranthene-d10 Type:Target No Manual Integration

ID#:93 R.Time:19.357(Scan#:3226)
MassPeaks:17
RawMode:Averaged 19.348-19.366(3224-3228)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



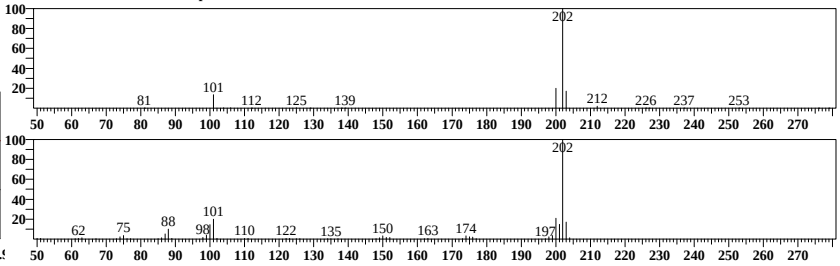
Mass:212.00 R.T:19.360 Area:674313 Conc:35.46905ppm
Event:2:SIM SI:96

#	m/z	Area	Ratio	Reference
1	106.00	56221	16.30	22.08
2	104.00	30501	8.84	12.34



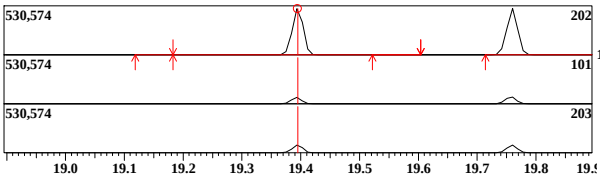
ID#:94 Name:Fluoranthene Type:Target No Manual Integration

ID#:94 R.Time:19.393(Scan#:3234)
MassPeaks:19
RawMode:Averaged 19.384-19.403(3232-3236)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



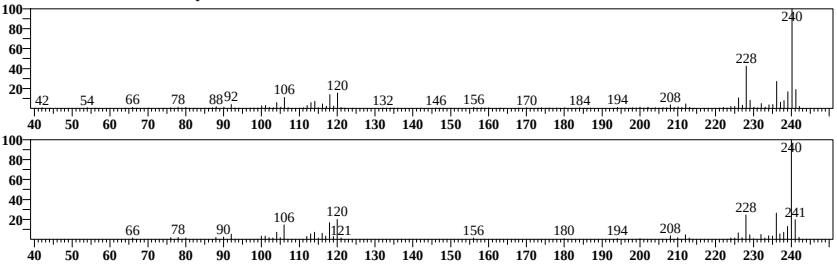
Mass:202.00 R.T:19.395 Area:661488 Conc:26.43070ppm
Event:2:SIM SI:93

#	m/z	Area	Ratio	Reference
1	101.00	48959	13.52	14.12
2	203.00	61375	16.95	6.47



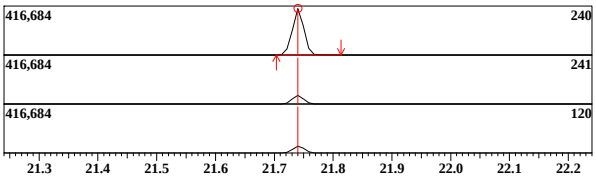
ID#:95 Name:Chrysene-d12 (IS) Type:ISTD No Manual Integration

ID#:95 R.Time:21.740(Scan#:3745)
MassPeaks:122
RawMode:Averaged 21.731-21.749(3743-3747)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



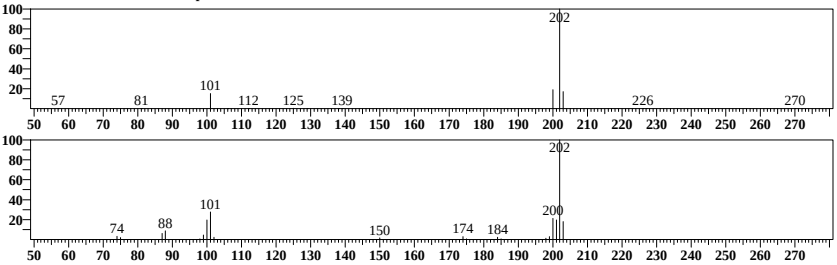
Mass:240.00 R.T:21.740 Area:543438 Conc:40.00000ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	241.00	54866	19.13	19.13
2	120.00	44548	15.53	14.79



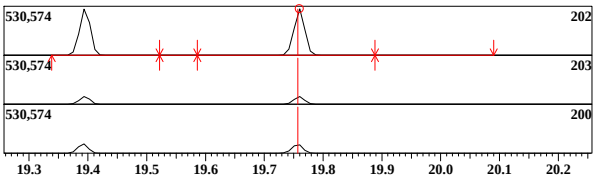
ID#:96 Name:Pyrene Type:Target No Manual Integration

ID#:96 R.Time:19.760(Scan#:3314)
MassPeaks:16
RawMode:Averaged 19.751-19.769(3312-3316)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



Mass:202.00 R.T:19.760 Area:666948 Conc:26.12905ppm
Event:2:SIM SI:92

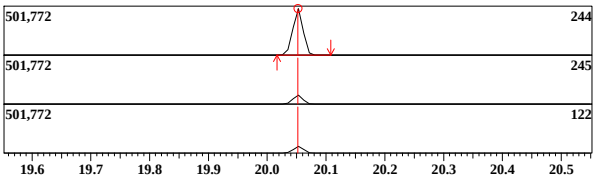
#	m/z	Area	Ratio	Reference
1	203.00	61104	16.98	18.13
2	200.00	68637	19.07	4.68



ID#:97 Name:p-Terphenyl-d14Type:Surrogate/SMC No Manual Integration

Mass:244.00 R.T:20.053 Area:592432 Conc:36.62936ppm
Event:1:Scan SI:83

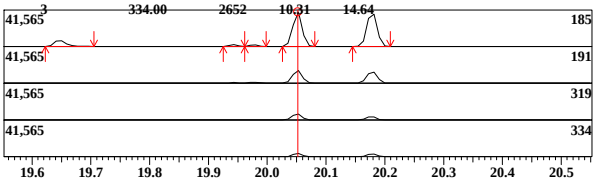
#	m/z	Area	Ratio	Reference
1	245.00	63026	19.14	19.16
2	122.00	49431	15.01	13.22



ID#:98 Name:Aramite A Type:Target No Manual Integration

Mass:185.00 R.T:20.052 Area:45294 Conc:13.98657ppm
Event:1:Scan SI:40

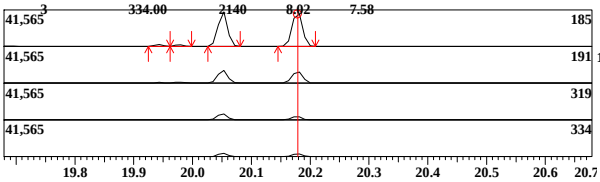
#	m/z	Area	Ratio	Reference
1	191.00	9636	37.45	44.95
2	319.00	4765	18.52	34.11
3	334.00	2652	10.31	14.64



ID#:99 Name:Aramite B Type:Target No Manual Integration

Mass:185.00 R.T:20.178 Area:48351 Conc:14.90032ppm
Event:1:Scan SI:96

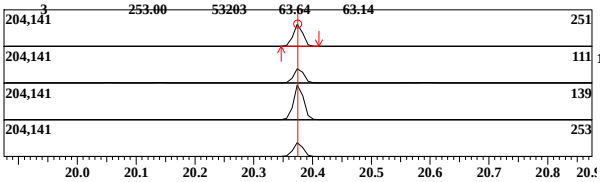
#	m/z	Area	Ratio	Reference
1	191.00	9181	34.42	42.53
2	319.00	2611	9.79	13.52
3	334.00	2140	8.02	7.58



ID#:100 Name:Chlorobenzilate Type:Target No Manual Integration

Mass:251.00 R.T:20.375 Area:147272 Conc:29.46614ppm
Event:1:Scan SI:98

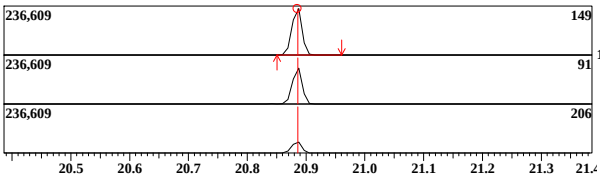
#	m/z	Area	Ratio	Reference
1	111.00	55620	66.53	55.84
2	139.00	131445	157.23	178.00
3	253.00	53203	63.64	63.14



ID#:101 Name:Butyl benzyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:20.885 Area:275252 Conc:28.44488ppm
Event:1:Scan SI:91

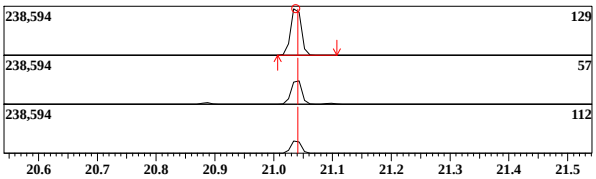
#	m/z	Area	Ratio	Reference
1	91.00	114179	75.22	92.95
2	206.00	36336	23.94	26.43



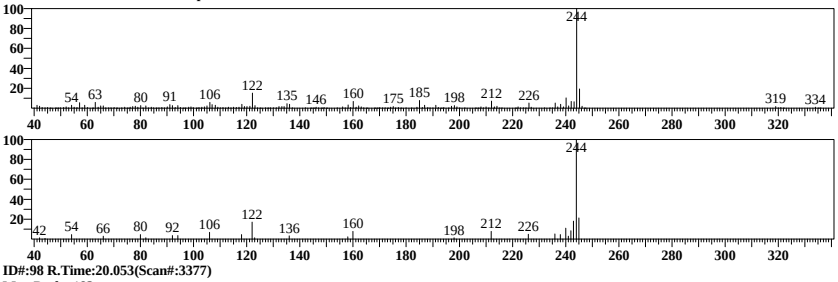
ID#:102 Name:Di(2-ethylhexyl) adipate Type:Target No Manual Integration

Mass:129.00 R.T:21.038 Area:294366 Conc:28.25105ppm
Event:1:Scan SI:98

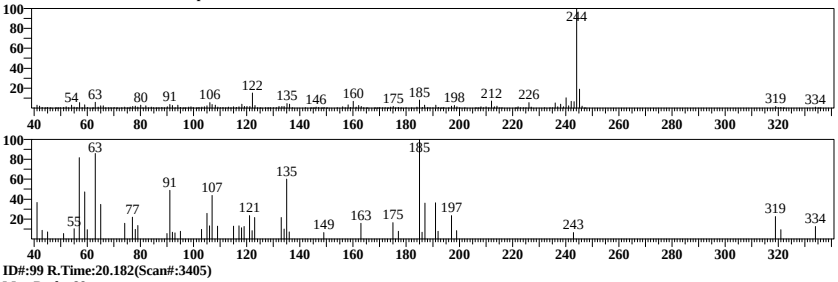
#	m/z	Area	Ratio	Reference
1	57.00	82491	50.09	40.00
2	112.00	43376	26.34	27.60



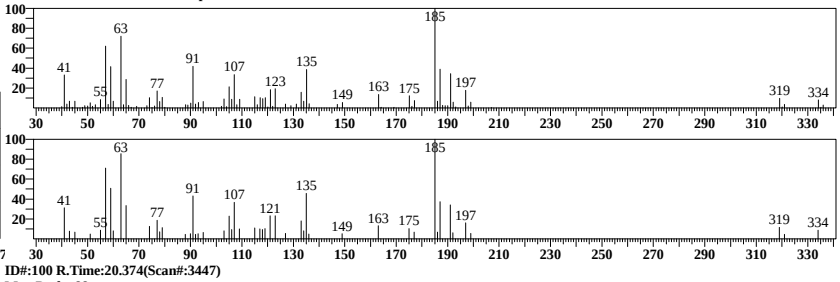
ID#:97 R.Time:20.053(Scan#:3377)
MassPeaks:183
RawMode:Averaged 20.044-20.063(3375-3379)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



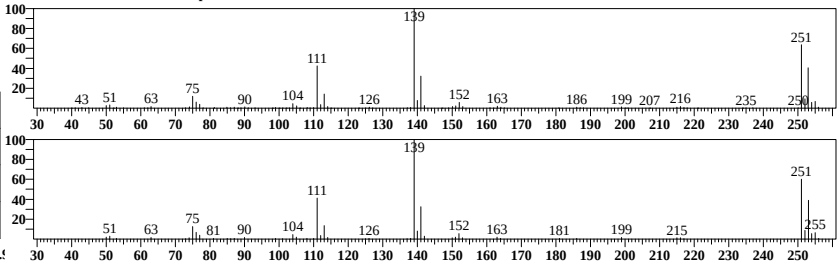
ID#:98 R.Time:20.053(Scan#:3377)
MassPeaks:183
RawMode:Averaged 20.044-20.063(3375-3379)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



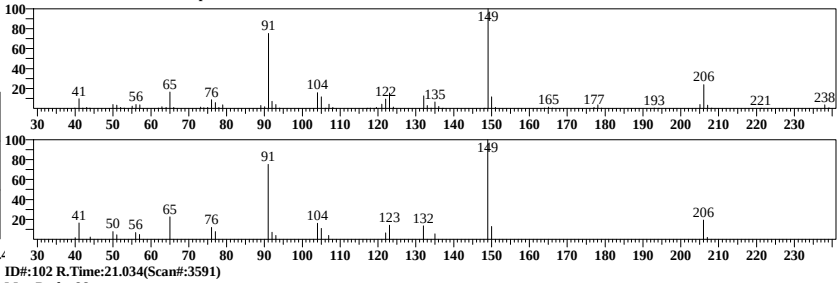
ID#:99 R.Time:20.182(Scan#:3405)
MassPeaks:89
RawMode:Averaged 20.172-20.191(3403-3407)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



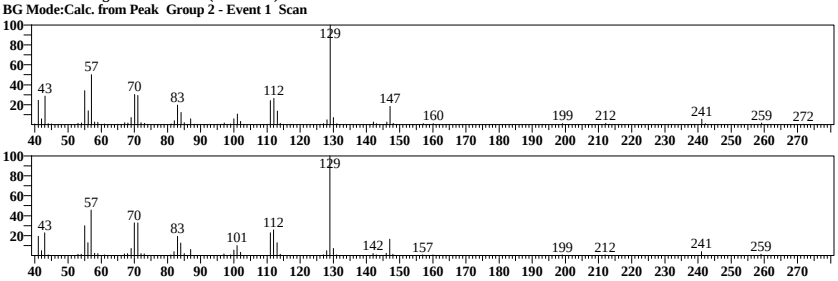
ID#:100 R.Time:20.374(Scan#:3447)
MassPeaks:88
RawMode:Averaged 20.365-20.383(3445-3449)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



ID#:101 R.Time:20.887(Scan#:3559)
MassPeaks:67
RawMode:Averaged 20.878-20.897(3557-3561)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



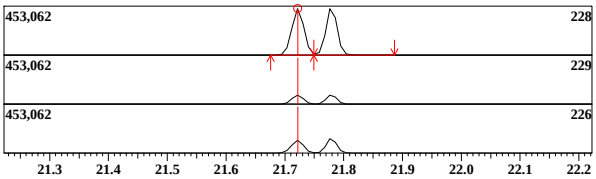
ID#:102 R.Time:21.034(Scan#:3591)
MassPeaks:86
RawMode:Averaged 21.025-21.043(3589-3593)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan

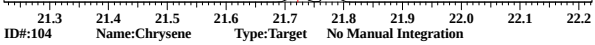


ID#:103 Name:Benzo[a]anthracene Type:Target No Manual Integration

Mass:228.00 R.T:21.722 Area:637879 Conc:28.10057ppm
Event:2:SIM SI:82

#	m/z	Area	Ratio	Reference
1	229.00	62712	19.38	27.13
2	226.00	90337	27.92	24.70

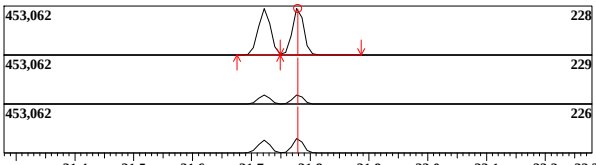


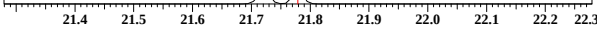


ID#:104 Name:Chrysene Type:Target No Manual Integration

Mass:228.00 R.T:21.779 Area:598010 Conc:26.04105ppm
Event:2:SIM SI:80

#	m/z	Area	Ratio	Reference
1	229.00	60636	19.58	27.13
2	226.00	95020	30.68	24.70

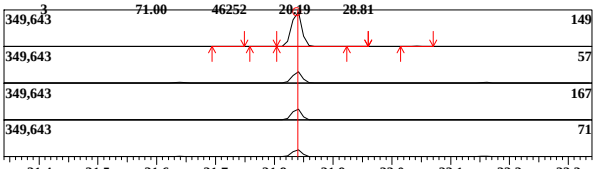


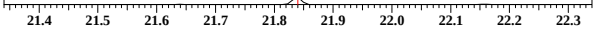


ID#:105 Name:Bis(2-Ethylhexyl) phthalate Type:Target No Manual Integration

Mass:149.00 R.T:21.838 Area:416499 Conc:29.33537ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	57.00	72505	31.65	45.69
2	167.00	70326	30.70	32.70
3	71.00	46252	20.19	28.81

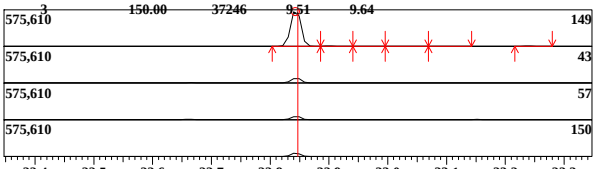




ID#:106 Name:Di-n-octyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:22.843 Area:709940 Conc:29.94799ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	43.00	48665	12.43	13.63
2	57.00	34529	8.82	13.85
3	150.00	37246	9.51	9.64

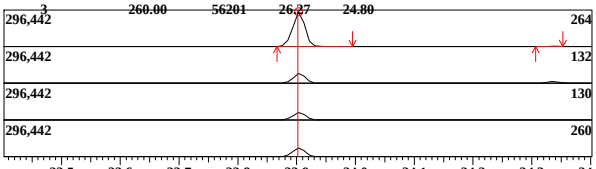




ID#:107 Name:Perylene-d12 (IS) Type:ISTD No Manual Integration

Mass:264.00 R.T:23.904 Area:420304 Conc:40.00000ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	132.00	59964	28.03	20.63
2	130.00	47479	22.20	16.36
3	260.00	56201	26.27	24.80

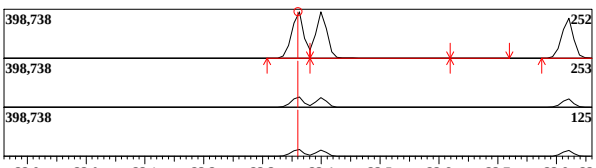


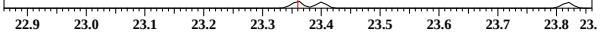


ID#:108 Name:Benzo[b]fluoranthene Type:Target No Manual Integration

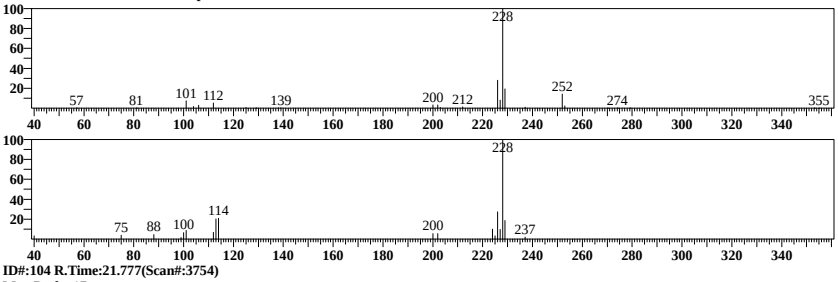
Mass:252.00 R.T:23.361 Area:562819 Conc:27.04376ppm
Event:2:SIM SI:68

#	m/z	Area	Ratio	Reference
1	253.00	51695	23.00	24.52
2	125.00	33952	15.10	21.64

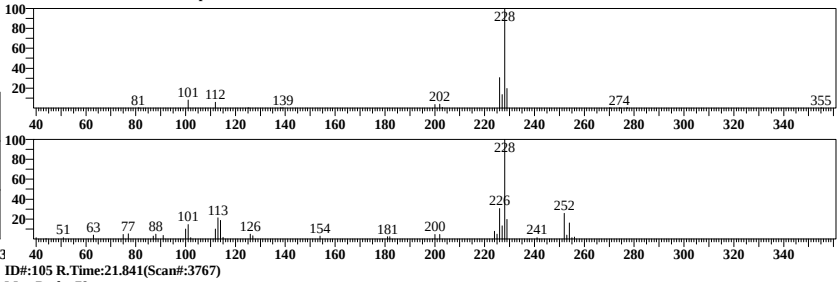




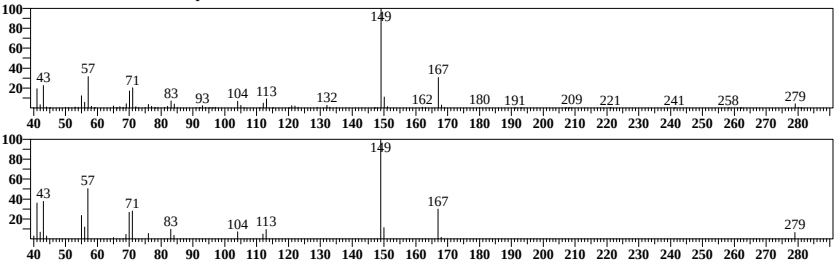
ID#:103 R.Time:21.722(Scan#:3742)
MassPeaks:26
RawMode:Averaged 21.712-21.731(3740-3744)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



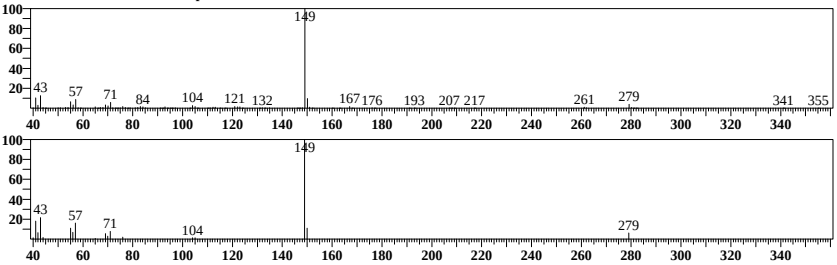
ID#:104 R.Time:21.777(Scan#:3754)
MassPeaks:17
RawMode:Averaged 21.767-21.786(3752-3756)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



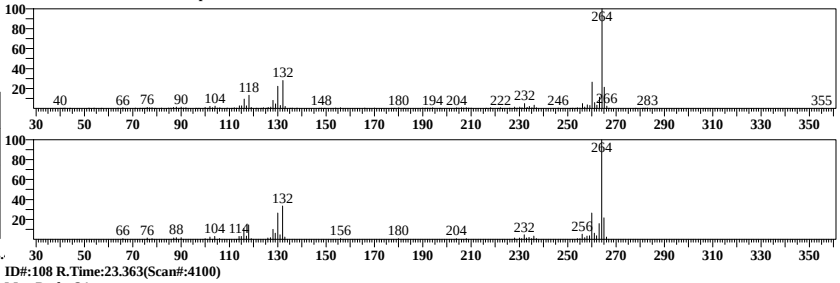
ID#:105 R.Time:21.841(Scan#:3767)
MassPeaks:79
RawMode:Averaged 21.832-21.850(3765-3769)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



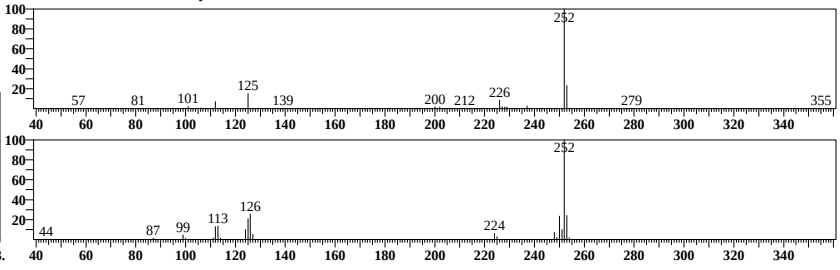
ID#:106 R.Time:22.840(Scan#:3985)
MassPeaks:87
RawMode:Averaged 22.831-22.849(3983-3987)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



ID#:107 R.Time:23.903(Scan#:4217)
MassPeaks:122
RawMode:Averaged 23.894-23.913(4215-4219)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



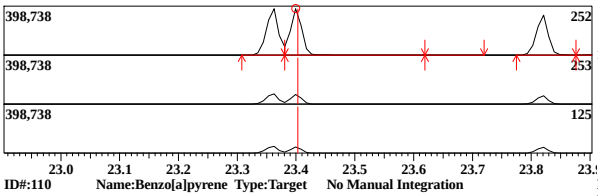
ID#:108 R.Time:23.363(Scan#:4100)
MassPeaks:24
RawMode:Averaged 23.353-23.372(4098-4102)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



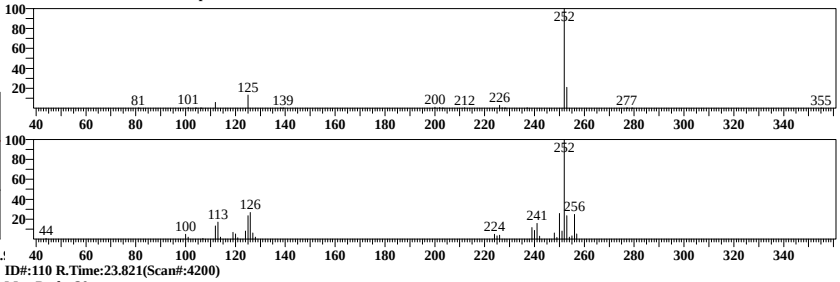
ID#:109 Name:Benzo[k]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.400 Area:494766 Conc:24.94662ppm
Event:2:SIM SI:77

#	m/z	Area	Ratio	Reference
1	253.00	43703	20.99	24.52
2	125.00	27511	13.21	21.64



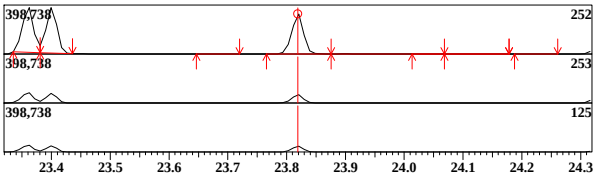
ID#:109 R.Time:23.399(Scan#:4108)
MassPeaks:21
RawMode:Averaged 23.390-23.408(4106-4110)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



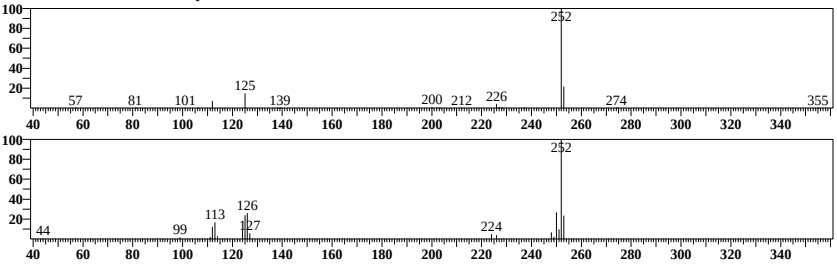
ID#:110 Name:Benzo[a]pyrene Type:Target No Manual Integration

Mass:252.00 R.T:23.819 Area:465393 Conc:28.60697ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	253.00	50080	21.10	24.52
2	125.00	34492	14.54	21.64



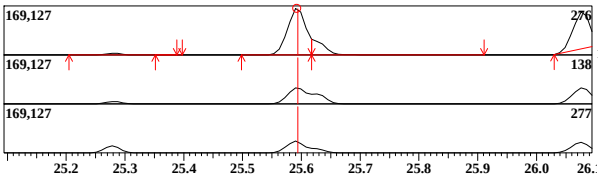
ID#:110 R.Time:23.821(Scan#:4200)
MassPeaks:20
RawMode:Averaged 23.812-23.830(4198-4202)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



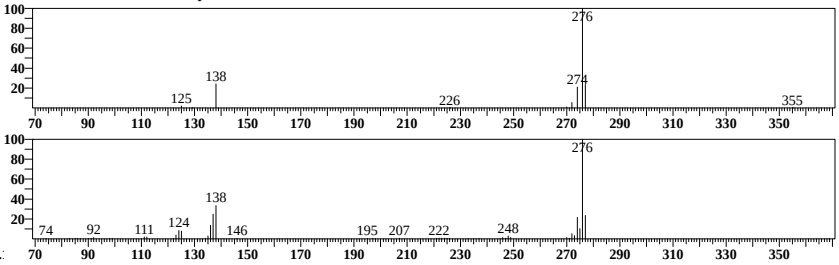
ID#:111 Name:Indeno(1,2,3-cd)pyrene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/15/2022

Mass:276.00 R.T:25.592 Area:363496 Conc:31.06359ppm
Event:2:SIM SI:93

#	m/z	Area	Ratio	Reference
1	138.00	24143	24.14	6.67
2	277.00	23439	23.43	14.17



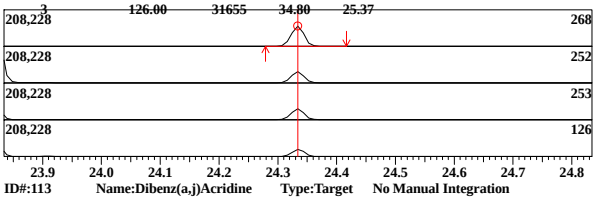
ID#:111 R.Time:25.590(Scan#:4586)
MassPeaks:10
RawMode:Averaged 25.581-25.599(4584-4588)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



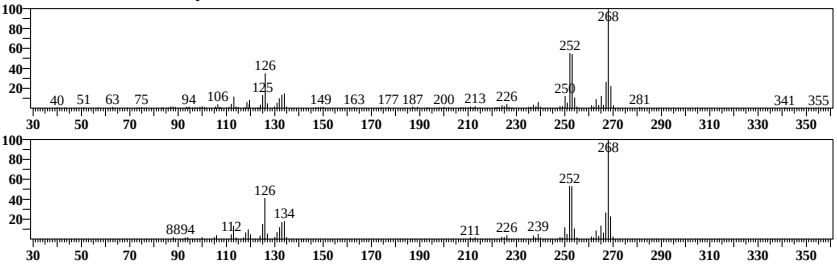
ID#:112 Name:3-Methylcholanthrene Type:Target No Manual Integration

Mass:268.00 R.T:24.334 Area:183743 Conc:25.26652ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	252.00	49989	54.96	43.24
2	253.00	49246	54.14	42.66
3	126.00	31655	34.80	25.37



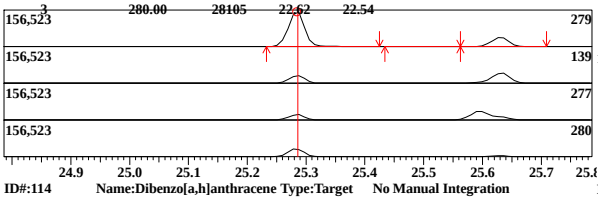
ID#:112 R.Time:24.334(Scan#:4311)
MassPeaks:108
RawMode:Averaged 24.325-24.343(4309-4313)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



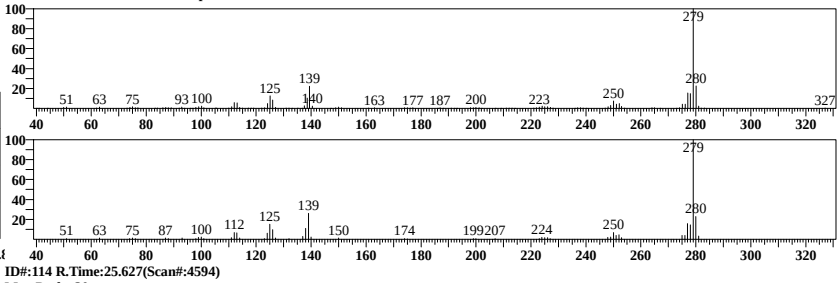
ID#:113 Name:Dibenz(a,j)Acridine Type:Target No Manual Integration

Mass:279.00 R.T:25.284 Area:295567 Conc:27.72805ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	139.00	27422	22.07	9.49
2	277.00	19021	15.31	15.01
3	280.00	28105	22.62	22.54



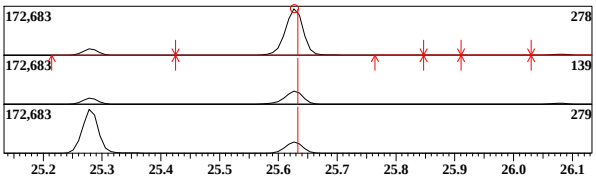
ID#:113 R.Time:25.288(Scan#:4519)
MassPeaks:116
RawMode:Averaged 25.278-25.297(4517-4521)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



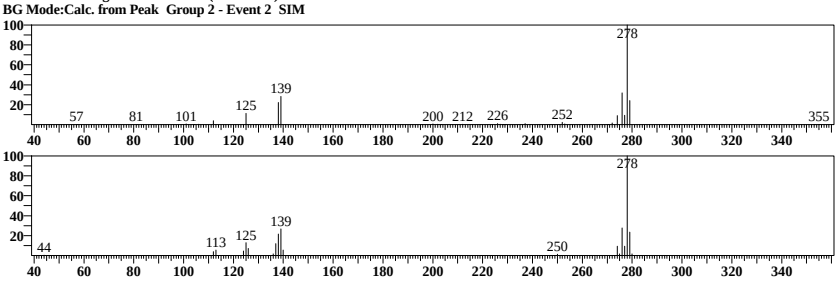
ID#:114 Name:Dibenzo[a,h]anthracene Type:Target No Manual Integration

Mass:278.00 R.T:25.628 Area:360812 Conc:28.79346ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	139.00	40838	28.19	7.75
2	279.00	35038	24.18	25.58



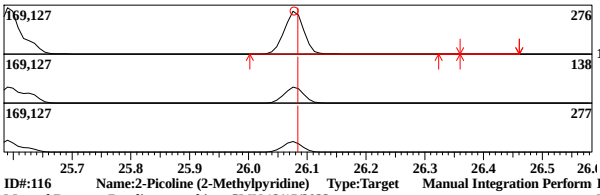
ID#:114 R.Time:25.627(Scan#:4594)
MassPeaks:30
RawMode:Averaged 25.618-25.636(4592-4596)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM

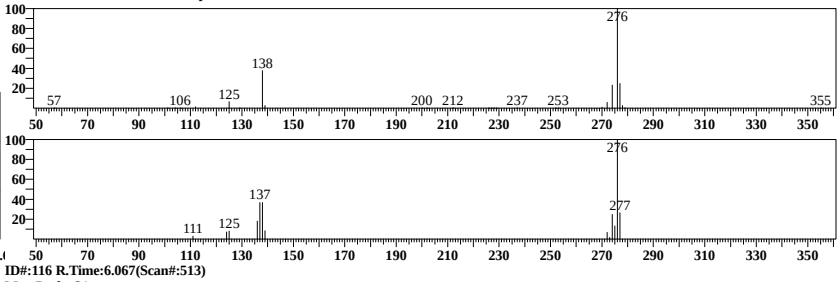


ID#:115 Name:Benzo[g,h,i]perylene Type:Target No Manual Integration

Mass:276.00 R.T:26.078 Area:347706 Conc:27.08209ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	138.00	49314	37.56	25.00
2	277.00	32463	24.72	21.09



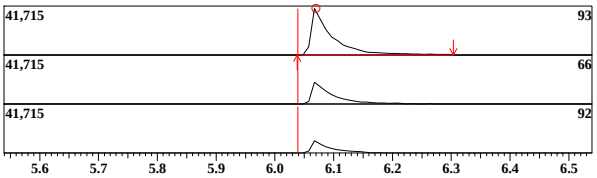


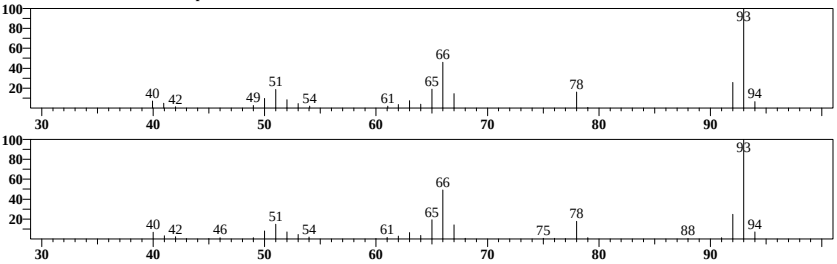
ID#:115 R.Time:26.076(Scan#:4692)
MassPeaks:27
RawMode:Averaged 26.067-26.085(4690-4694)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM

ID#:116 Name:2-Picoline (2-Methylpyridine) Type:Target Manual Integration Perform
Manual Reason: Baseline smoothing. CMN 12/15/2022

Mass:93.00 R.T:6.070 Area:101776 Conc:14.59780ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	66.00	11952	46.07	58.29
2	92.00	6678	25.74	23.71



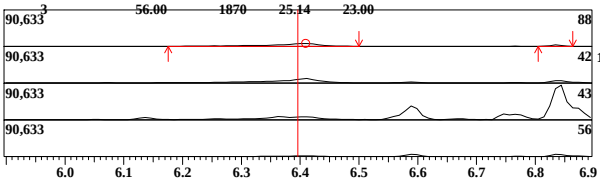


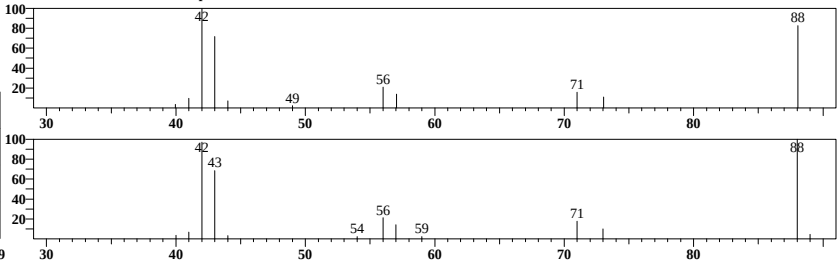
ID#:116 R.Time:6.067(Scan#:513)
MassPeaks:21
RawMode:Averaged 6.058-6.077(511-515)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:117 Name:N-Nitrosomethylethylamine Type:Target No Manual Integration

Mass:88.00 R.T:6.410 Area:52416 Conc:17.99886ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	42.00	9010	121.14	106.00
2	43.00	6447	86.68	74.00
3	56.00	1870	25.14	23.00



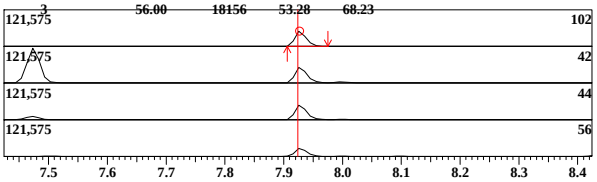


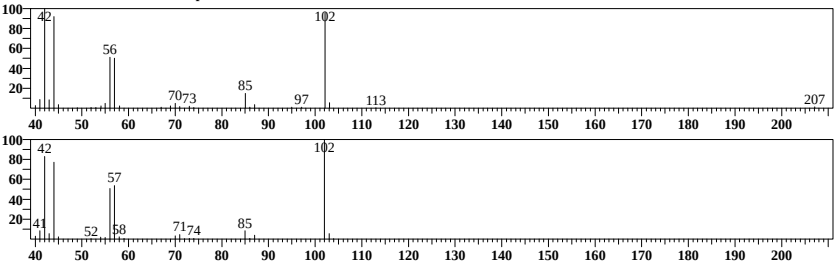
ID#:117 R.Time:6.412(Scan#:583)
MassPeaks:11
RawMode:Averaged 6.402-6.421(581-585)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:118 Name:N-Nitrosodiethylamine Type:Target No Manual Integration

Mass:102.00 R.T:7.927 Area:69482 Conc:21.83109ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	42.00	35409	103.91	98.99
2	44.00	32527	95.45	90.55
3	56.00	18156	53.28	68.23



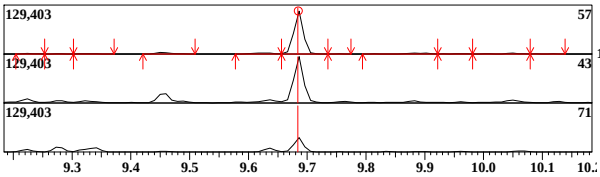


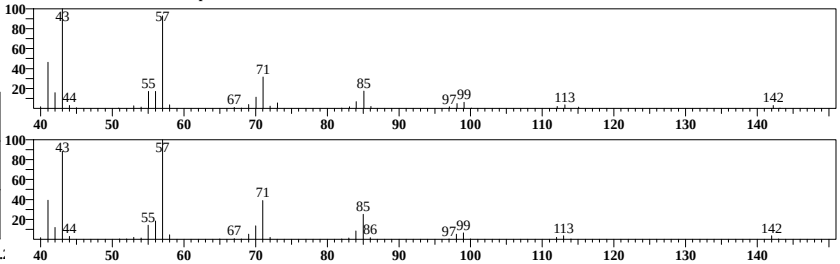
ID#:118 R.Time:7.926(Scan#:891)
MassPeaks:29
RawMode:Averaged 7.916-7.936(889-893)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:119 Name:n-Decane Type:Target No Manual Integration

Mass:57.00 R.T:9.685 Area:130263 Conc:15.62724ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	43.00	73424	107.56	115.00
2	71.00	23101	33.84	34.71



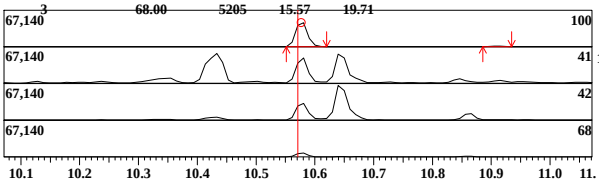


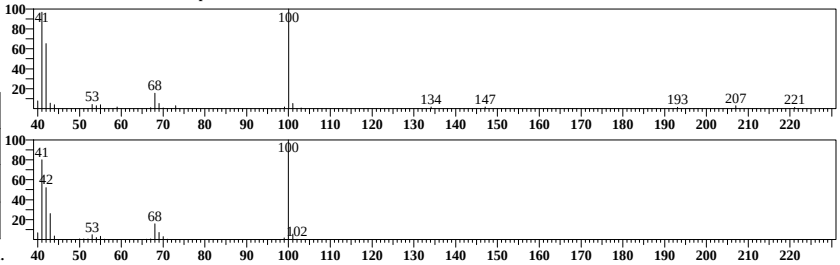
ID#:119 R.Time:9.686(Scan#:1249)
MassPeaks:34
RawMode:Averaged 9.676-9.696(1247-1251)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:120 Name:N-Nitrosopyrrolidine Type:Target No Manual Integration

Mass:100.00 R.T:10.577 Area:66338 Conc:20.37611ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	41.00	32394	96.92	89.01
2	42.00	21818	65.27	58.45
3	68.00	5205	15.57	19.71



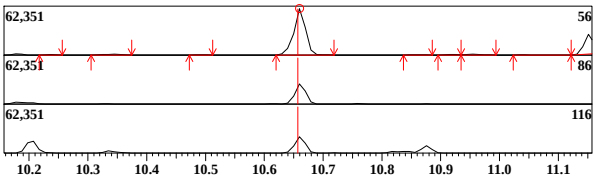


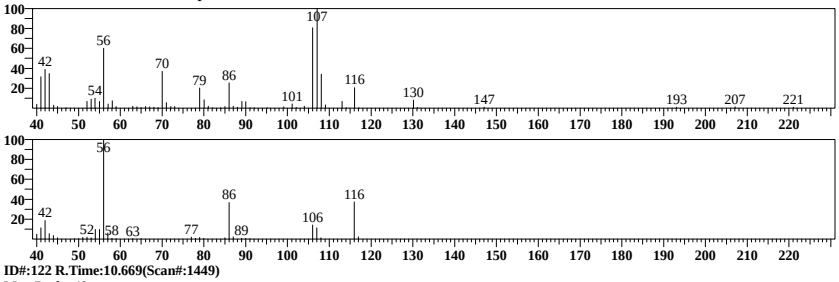
ID#:120 R.Time:10.581(Scan#:1431)
MassPeaks:23
RawMode:Averaged 10.571-10.591(1429-1433)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:121 Name:N-Nitrosomorpholine Type:Target No Manual Integration

Mass:56.00 R.T:10.660 Area:83712 Conc:20.74027ppm
Event:1:Scan SI:68

#	m/z	Area	Ratio	Reference
1	86.00	17383	42.53	37.18
2	116.00	14077	34.45	29.47

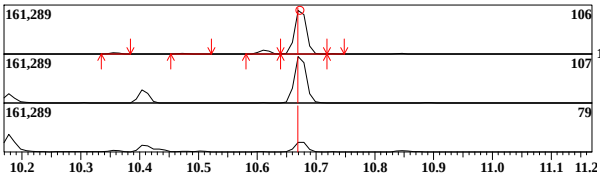


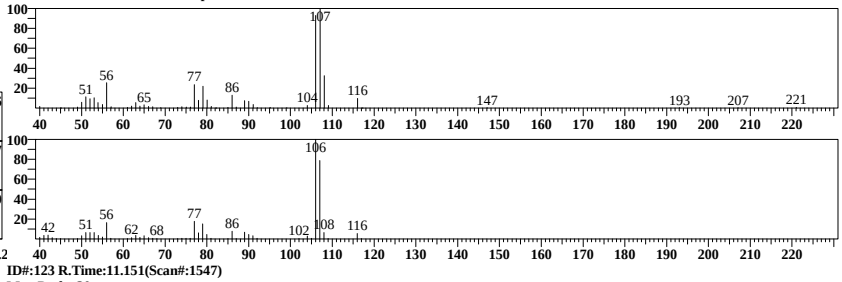


ID#:122 Name:o-Toluidine Type:Target No Manual Integration

Mass:106.00 R.T:10.673 Area:203874 Conc:19.50964ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	107.00	111707	107.68	80.49
2	79.00	24549	23.66	13.86

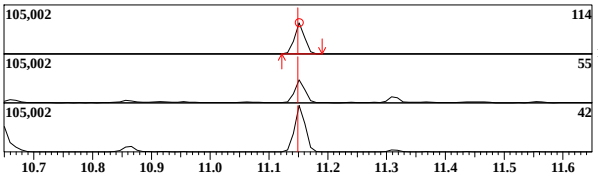


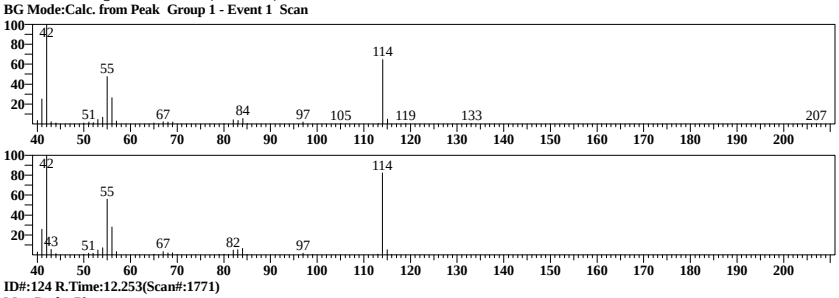


ID#:123 Name:N-Nitrosopiperidine Type:Target No Manual Integration

Mass:114.00 R.T:11.152 Area:81288 Conc:23.57519ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	55.00	31650	73.73	59.00
2	42.00	66516	154.94	151.82

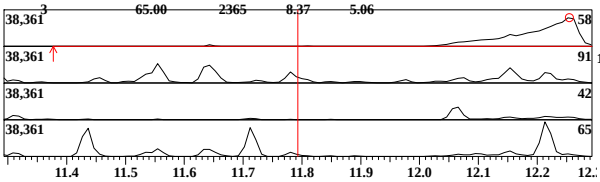


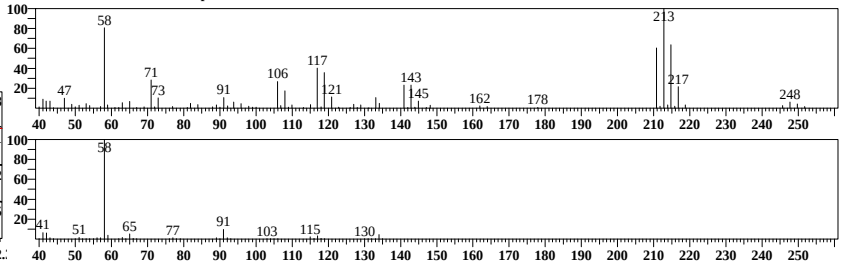


ID#:124 Name:a,a-Dimethylphenethylamine Type:Target Manual Integration Perform
Manual Reason: Peak not found. CMN 12/15/2022

Mass:58.00 R.T:12.255 Area:193805 Conc:11.68707ppm
Event:1:Scan SI:38

#	m/z	Area	Ratio	Reference
1	91.00	3697	13.08	7.28
2	42.00	2489	8.80	5.90
3	65.00	2365	8.37	5.06

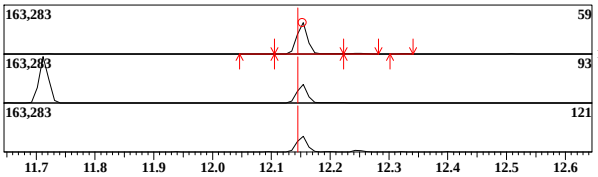


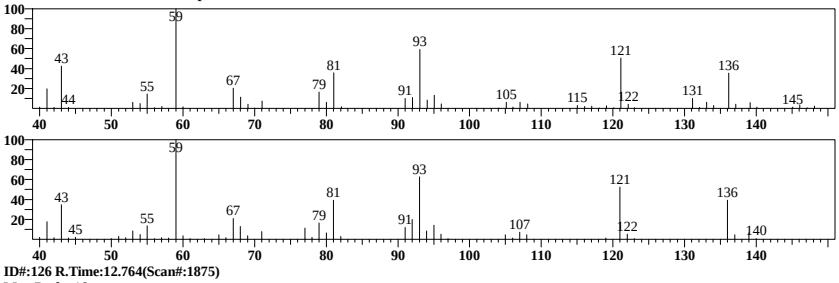


ID#:125 Name:Alpha-Terpineol Type:Target No Manual Integration

Mass:59.00 R.T:12.153 Area:136176 Conc:23.50602ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	93.00	40709	59.22	49.35
2	121.00	34619	50.36	34.59

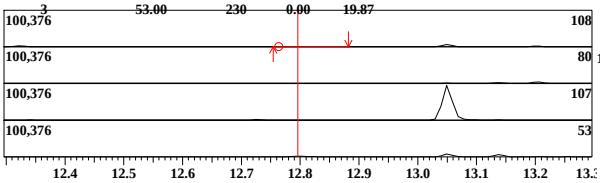


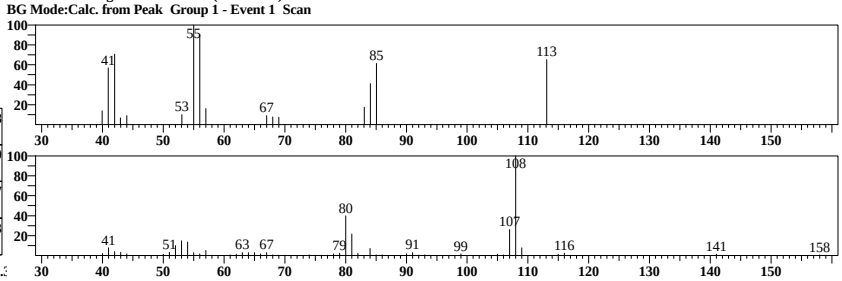


ID#:126 Name:p-Phenylenediamine Type:Target Manual Integration Performed
Manual Reason: Peak not found. CMN 12/15/2022

Mass:108.00 R.T:12.764 Area:0 Conc:1.76303ppm
Event:1:Scan SI:36

#	m/z	Area	Ratio	Reference
1	80.00	0	* 0.00	40.53
2	107.00	0	* 0.00	26.48
3	53.00	230	0.00	19.87

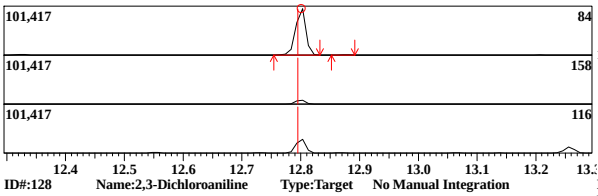




ID#:127 Name:N-Nitrosodi-n-butylamine Type:Target No Manual Integration

Mass:84.00 R.T:12.801 Area:119459 Conc:25.45366ppm
Event:1:Scan SI:94

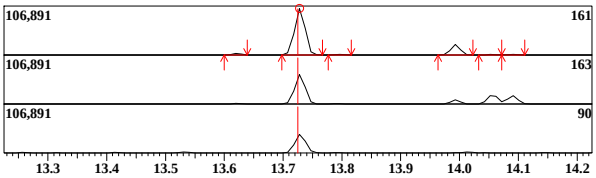
#	m/z	Area	Ratio	Reference
1	158.00	5556	8.99	7.76
2	116.00	18668	30.22	26.54



ID#:128 Name:2,3-Dichloroaniline Type:Target No Manual Integration

Mass:161.00 R.T:13.728 Area:129643 Conc:23.11819ppm
Event:1:Scan SI:78

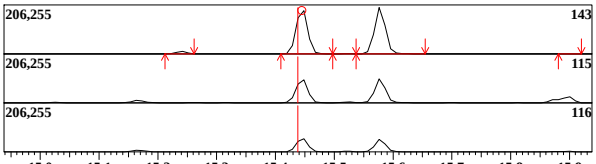
#	m/z	Area	Ratio	Reference
1	163.00	43507	63.21	65.37
2	90.00	28088	40.81	40.30



ID#:129 Name:1-Naphthylamine Type:Target No Manual Integration

Mass:143.00 R.T:15.445 Area:264108 Conc:21.81643ppm
Event:1:Scan SI:72

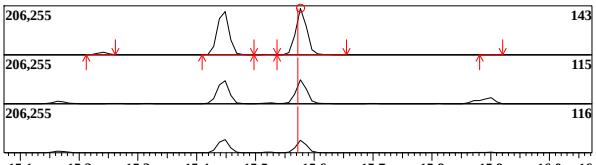
#	m/z	Area	Ratio	Reference
1	115.00	70336	52.92	52.19
2	116.00	41000	30.85	27.17



ID#:130 Name:2-Naphthylamine Type:Target No Manual Integration

Mass:143.00 R.T:15.577 Area:258896 Conc:18.54966ppm
Event:1:Scan SI:98

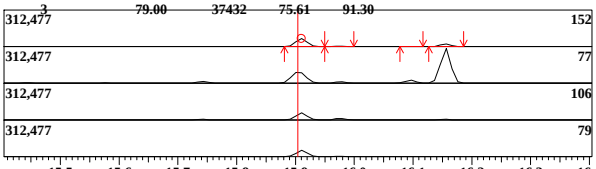
#	m/z	Area	Ratio	Reference
1	115.00	67138	50.55	53.22
2	116.00	35358	26.62	24.69



ID#:131 Name:5-Nitro-o-Toluidine Type:Target No Manual Integration

Mass:152.00 R.T:15.910 Area:96057 Conc:29.09117ppm
Event:1:Scan SI:72

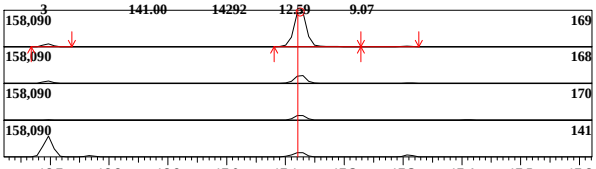
#	m/z	Area	Ratio	Reference
1	77.00	70065	* 141.53	101.00
2	106.00	42651	86.15	102.30
3	79.00	37432	75.61	91.30



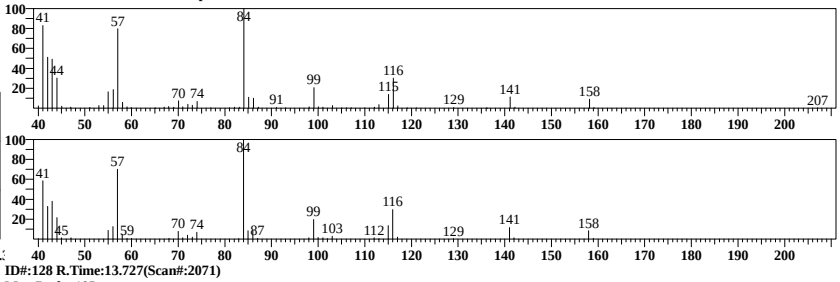
ID#:132 Name:4-Aminobiphenyl Type:Target No Manual Integration

Mass:169.00 R.T:17.125 Area:243889 Conc:18.51365ppm
Event:1:Scan SI:71

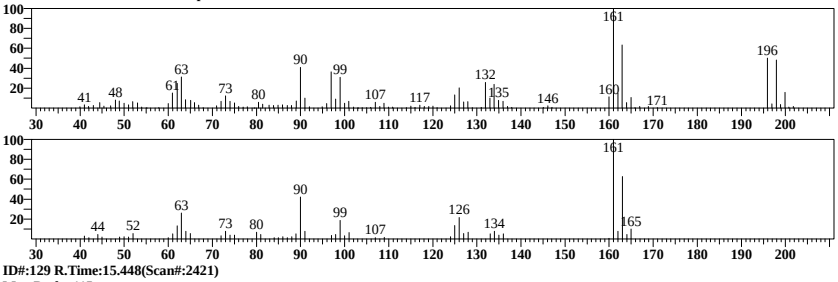
#	m/z	Area	Ratio	Reference
1	168.00	24843	21.89	21.00
2	170.00	15398	13.57	13.72
3	141.00	14292	12.59	9.07



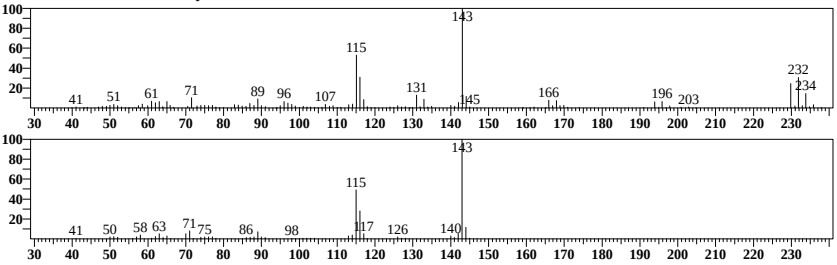
ID#:127 R.Time:12.803(Scan#:1883)
MassPeaks:58
RawMode:Averaged 12.793-12.813(1881-1885)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



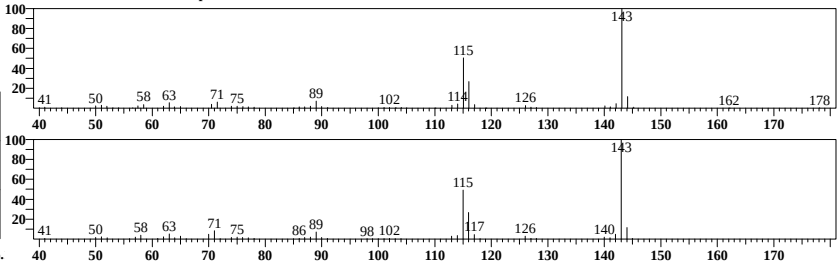
ID#:128 R.Time:13.727(Scan#:2071)
MassPeaks:105
RawMode:Averaged 13.718-13.737(2069-2073)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



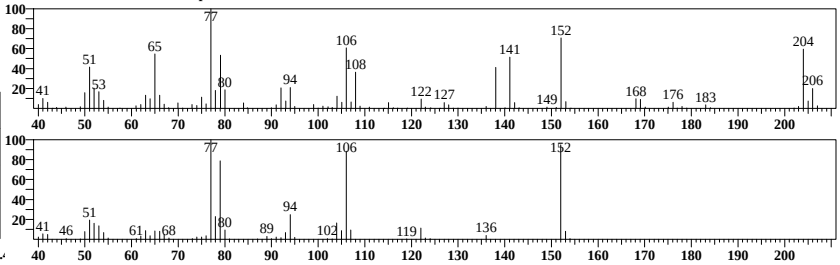
ID#:129 R.Time:15.448(Scan#:2421)
MassPeaks:115
RawMode:Averaged 15.438-15.458(2419-2423)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



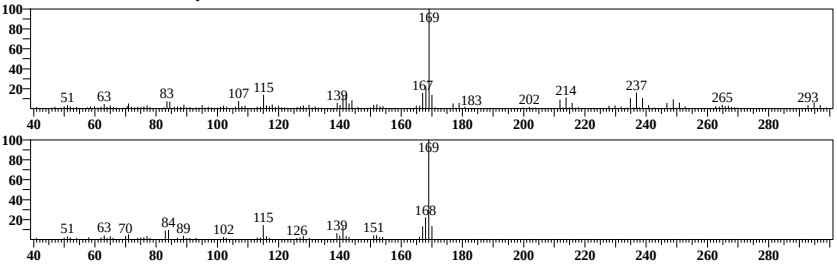
ID#:130 R.Time:15.576(Scan#:2447)
MassPeaks:53
RawMode:Averaged 15.566-15.586(2445-2449)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:131 R.Time:15.911(Scan#:2515)
MassPeaks:92
RawMode:Averaged 15.901-15.920(2513-2517)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



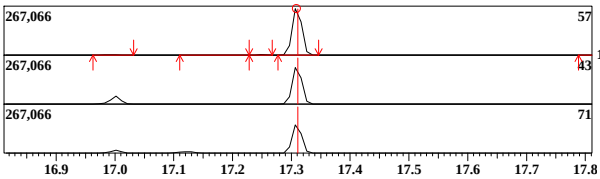
ID#:132 R.Time:17.130(Scan#:2763)
MassPeaks:164
RawMode:Averaged 17.120-17.140(2761-2765)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



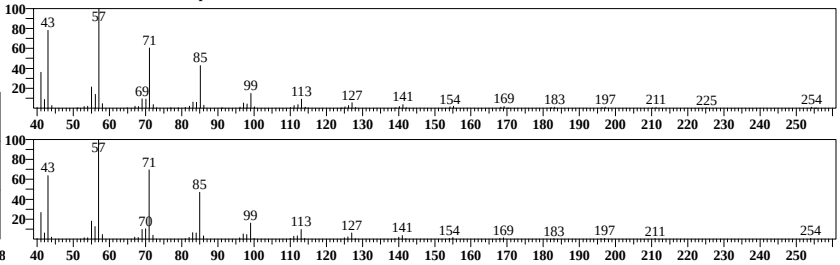
ID#:133 Name:n-Octadecane Type:Target No Manual Integration

Mass:57.00 R.T:17.309 Area:302008 Conc:24.37356ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	43.00	127761	78.24	56.74
2	71.00	98946	60.59	60.93



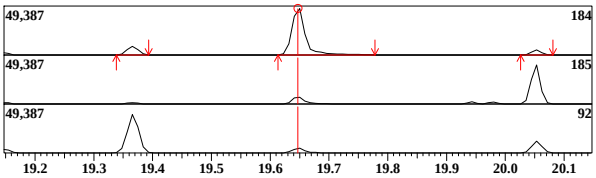
ID#:133 R.Time:17.307(Scan#:2799)
MassPeaks:63
RawMode:Averaged 17.297-17.317(2797-2801)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



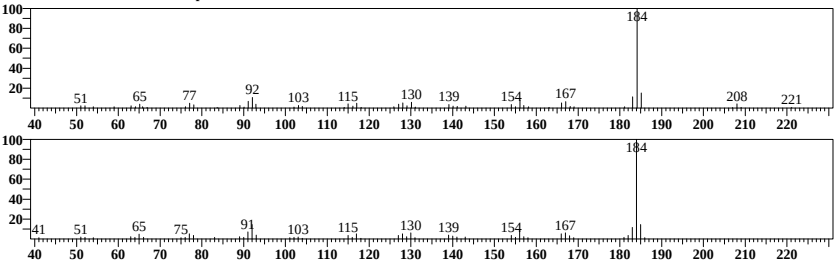
ID#:134 Name:Benzidine Type:Target No Manual Integration

Mass:184.00 R.T:19.647 Area:78360 Conc:6.50423ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	185.00	5375	14.98	16.81
2	92.00	3792	10.57	13.33



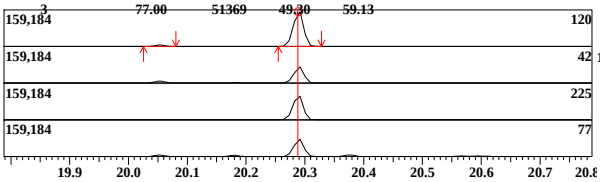
ID#:134 R.Time:19.650(Scan#:3289)
MassPeaks:54
RawMode:Averaged 19.641-19.659(3287-3291)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



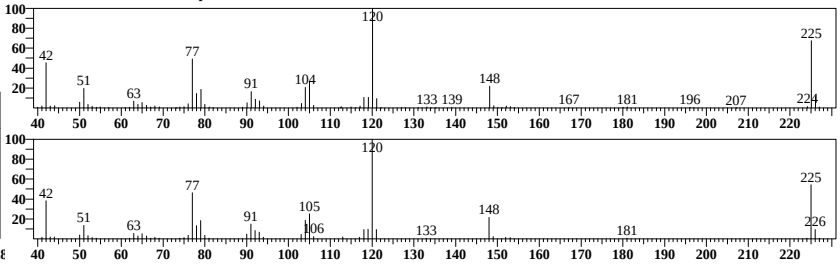
ID#:135 Name:4-Dimethyl aminoazobenzene Type:Target No Manual Integration

Mass:120.00 R.T:20.289 Area:190259 Conc:29.00230ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	42.00	47298	45.39	45.74
2	225.00	70341	67.51	69.96
3	77.00	51369	49.30	59.13



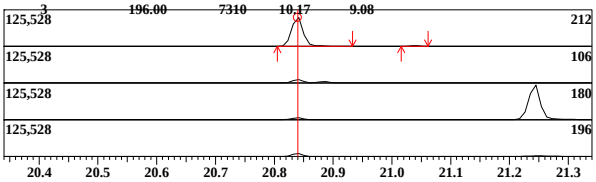
ID#:135 R.Time:20.292(Scan#:3429)
MassPeaks:76
RawMode:Averaged 20.282-20.301(3427-3431)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



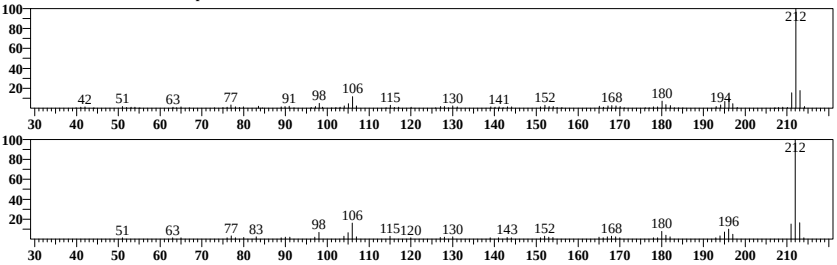
ID#:136 Name:3,3'-Dimethylbenzidine Type:Target No Manual Integration

Mass:212.00 R.T:20.839 Area:141266 Conc:9.82750ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	106.00	8331	11.60	14.74
2	180.00	5157	7.18	7.46
3	196.00	7310	10.17	9.08



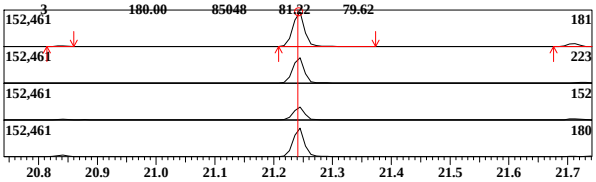
ID#:136 R.Time:20.842(Scan#:3549)
MassPeaks:91
RawMode:Averaged 20.833-20.851(3547-3551)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



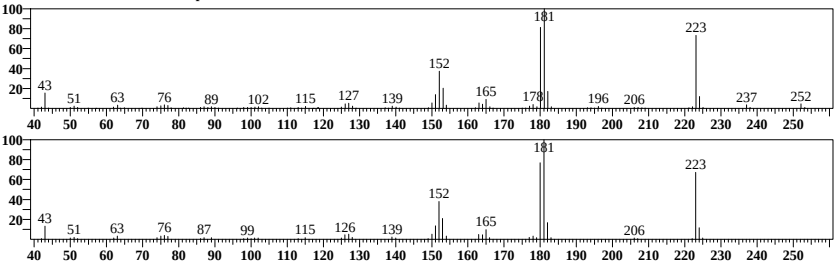
ID#:137 Name:2-Acetylaminofluorene Type:Target No Manual Integration

Mass:181.00 R.T:21.243 Area:209870 Conc:29.41231ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	223.00	76834	73.38	67.03
2	152.00	39089	37.33	31.35
3	180.00	85048	81.22	79.62



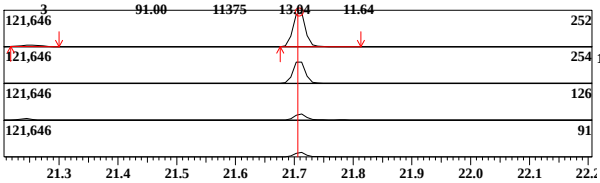
ID#:137 R.Time:21.245(Scan#:3637)
MassPeaks:93
RawMode:Averaged 21.236-21.254(3635-3639)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



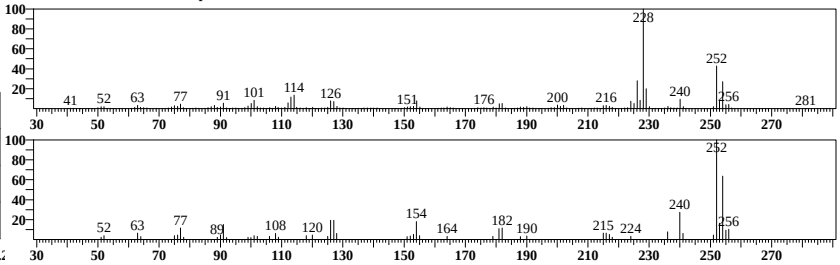
ID#:138 Name:3,3`-Dichlorobenzidine Type:Target No Manual Integration

Mass:252.00 R.T:21.709 Area:173515 Conc:25.66588ppm
Event:1:Scan SI:57

#	m/z	Area	Ratio	Reference
1	254.00	55390	63.50	65.16
2	126.00	15485	17.75	14.83
3	91.00	11375	13.04	11.64



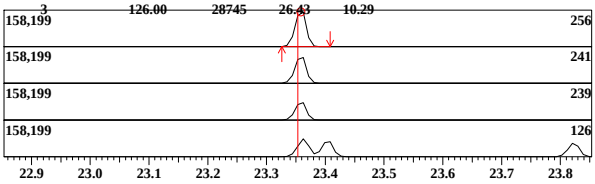
ID#:138 R.Time:21.712(Scan#:3739)
MassPeaks:170
RawMode:Averaged 21.703-21.722(3737-3741)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



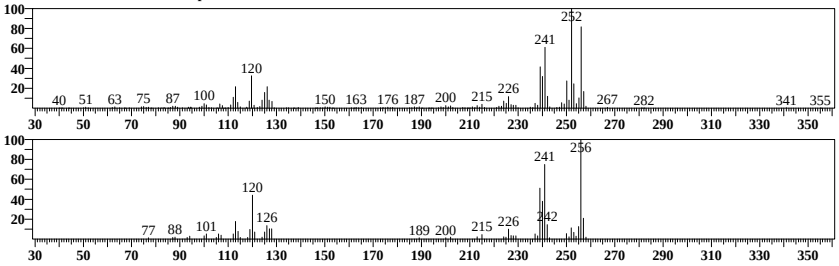
ID#:139 Name:7,12-Dimethylbenz[a]anthracene Type:Target No Manual Integratio

Mass:256.00 R.T:23.359 Area:210507 Conc:26.64910ppm
Event:1:Scan SI:86

#	m/z	Area	Ratio	Reference
1	241.00	81415	74.85	62.70
2	239.00	55080	50.64	44.31
3	126.00	28745	26.43	10.29



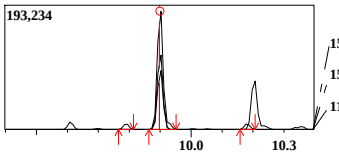
ID#:139 R.Time:23.363(Scan#:4099)
MassPeaks:141
RawMode:Averaged 23.353-23.372(4097-4101)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



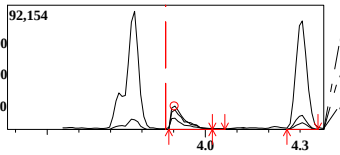
Before Manual Integrations

Analyst: CMN **Instr: J7H** **Trace Number:**
Method: 8270D **Batch:2625**
Sample ID: 4560644MS **Data File: C:\GCMSsolution\Data\221214H017.qgd**
Date: 12/14/2022 **Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm**
Time: 18:46:25 **Sample Name: 4560644MS**
Dilution: 1

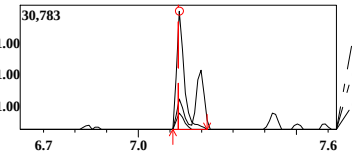
ID#:1 **Name:1,4-Dichlorobenzene-d4 (IS)**
Mass:150.00 **Type:ISTD**
R.T:9.900 **Area:254454** **Conc:40.00000ppm**



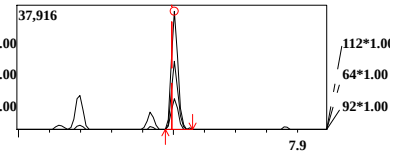
ID#:2 **Name:N-Nitrosodimethylamine**
Mass:74.00 **Type:Target**
R.T:3.902 **Area:51741** **Conc:10.48667ppm**



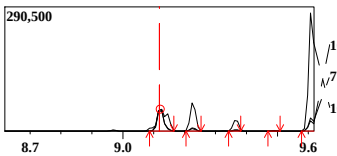
ID#:4 **Name:Methyl methanesulfonate**
Mass:80.00 **Type:Target**
R.T:7.130 **Area:47739** **Conc:14.07005ppm**



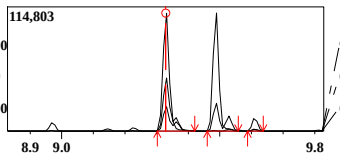
ID#:5 **Name:2-Fluorophenol**
Mass:112.00 **Type:Surrogate/SMC**
R.T:7.503 **Area:53968** **Conc:8.93787ppm**



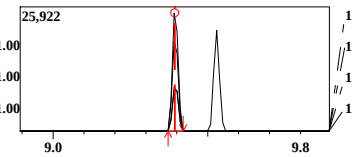
ID#:7 **Name:Benzaldehyde**
Mass:106.00 **Type:Target**
R.T:9.121 **Area:80973** **Conc:15.93808ppm**



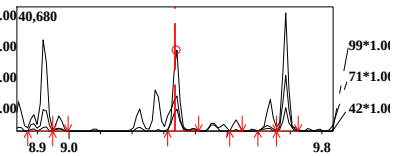
ID#:8 **Name:Aniline**
Mass:93.00 **Type:Target**
R.T:9.330 **Area:155027** **Conc:16.18243ppm**



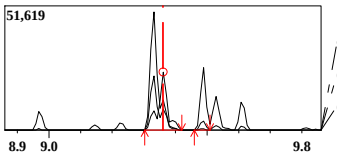
ID#:9 **Name:Pentachloroethane**
Mass:167.00 **Type:Target**
R.T:9.394 **Area:33398** **Conc:17.83688ppm**



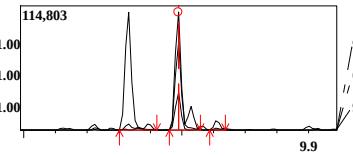
ID#:10 **Name:Phenol-d6**
Mass:99.00 **Type:Surrogate/SMC**
R.T:9.340 **Area:37233** **Conc:5.14440ppm**



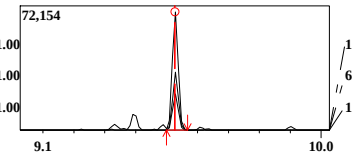
ID#:11 **Name:Phenol**
Mass:94.00 **Type:Target**
R.T:9.362 **Area:48770** **Conc:5.42866ppm**



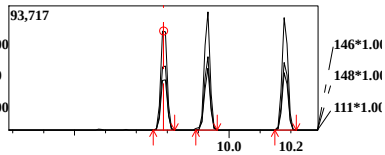
ID#:12 **Name:bis(2-Chloroethyl)Ether**
Mass:93.00 **Type:Target**
R.T:9.488 **Area:141554** **Conc:21.10044ppm**



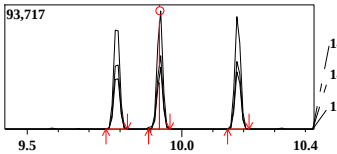
ID#:13 **Name:2-Chlorophenol**
Mass:128.00 **Type:Target**
R.T:9.528 **Area:93077** **Conc:14.62747ppm**



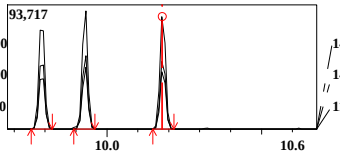
ID#:14 **Name:1,3-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.789 **Area:111521** **Conc:17.12233ppm**



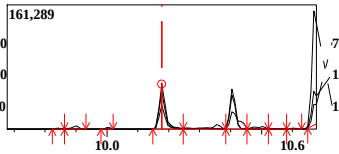
ID#:15 **Name:1,4-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.930 **Area:114607** **Conc:17.20522ppm**



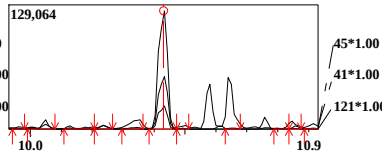
ID#:16 **Name:1,2-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:10.180 **Area:114843** **Conc:17.89842ppm**



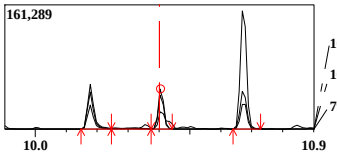
ID#:17 **Name:Benzyl Alcohol**
Mass:79.00 **Type:Target**
R.T:10.178 **Area:84712** **Conc:15.15178ppm**



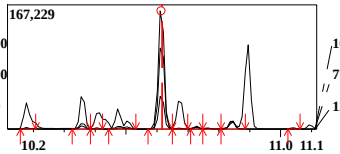
ID#:18 **Name:bis(2-Chloroisopropyl) Ether**
Mass:45.00 **Type:Target**
R.T:10.431 **Area:245377** **Conc:21.12609ppm**



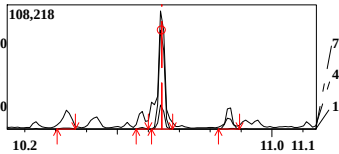
ID#:19 **Name:2-Methylphenol (o-Cresol)**
Mass:108.00 **Type:Target**
R.T:10.406 **Area:67184** **Conc:10.59480ppm**



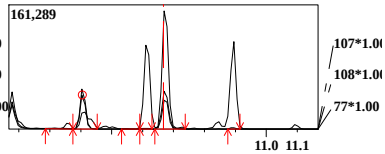
ID#:20 **Name:Acetophenone**
Mass:105.00 **Type:Target**
R.T:10.613 **Area:222946** **Conc:23.90697ppm**



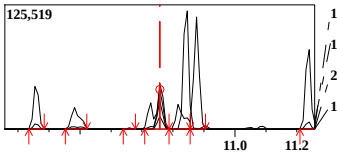
ID#:21 **Name:N-Nitrosodi-n-propylamine**
Mass:70.00 **Type:Target**
R.T:10.643 **Area:111043** **Conc:23.16312ppm**



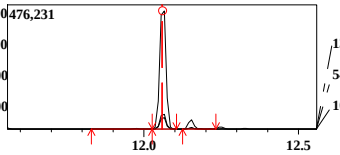
ID#:22 **Name:3+4-Methylphenol(m&p-Cresol)**
Mass:107.00 **Type:Target**
R.T:10.406 **Area:57287** **Conc:8.41969ppm**



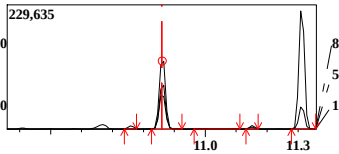
ID#:23 **Name:Hexachloroethane**
Mass:117.00 **Type:Target**
R.T:10.759 **Area:51846** **Conc:18.45836ppm**



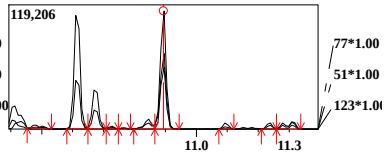
ID#:24 **Name:Naphthalene-d8 (IS)**
Mass:136.00 **Type:ISTD**
R.T:12.061 **Area:669041** **Conc:40.00000ppm**



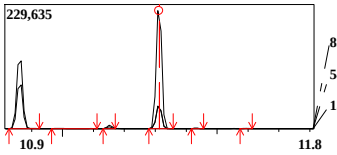
ID#:25 **Name:Nitrobenzene-d5**
Mass:82.00 **Type:Surrogate/SMC**
R.T:10.862 **Area:185356** **Conc:29.76911ppm**



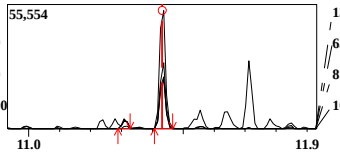
ID#:26 **Name:Nitrobenzene**
Mass:77.00 **Type:Target**
R.T:10.894 **Area:148645** **Conc:22.70645ppm**



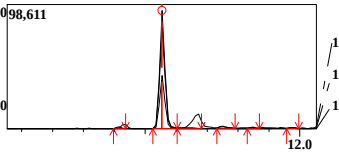
ID#:27 **Name:Isophorone**
Mass:82.00 **Type:Target**
R.T:11.311 **Area:289462** **Conc:22.45090ppm**



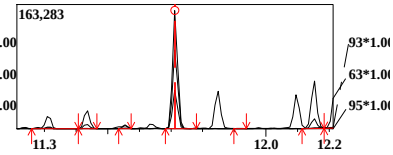
ID#:28 **Name:2-Nitrophenol**
Mass:139.00 **Type:Target**
R.T:11.433 **Area:71886** **Conc:22.40125ppm**



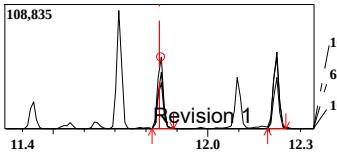
ID#:29 **Name:2,4-Dimethylphenol**
Mass:107.00 **Type:Target**
R.T:11.555 **Area:113306** **Conc:16.17600ppm**



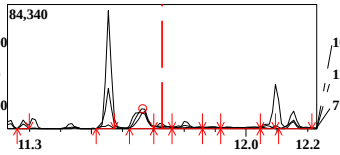
ID#:30 **Name:Bis(2-Chloroethoxy)methane**
Mass:93.00 **Type:Target**
R.T:11.712 **Area:177482** **Conc:21.69364ppm**



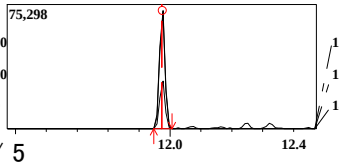
ID#:31 **Name:2,4-Dichlorophenol**
Mass:162.00 **Type:Target**
R.T:11.847 **Area:81844** **Conc:18.67861ppm**



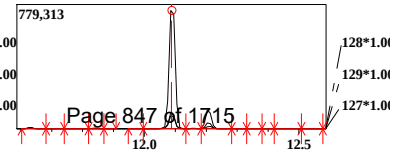
ID#:32 **Name:Benzoic Acid**
Mass:105.00 **Type:Target**
R.T:11.666 **Area:35590** **Conc:12.40339ppm**



ID#:33 **Name:1,2,4-Trichlorobenzene**
Mass:180.00 **Type:Target**
R.T:11.975 **Area:92421** **Conc:19.92685ppm**

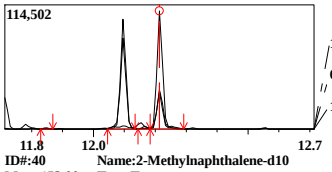


ID#:34 **Name:Naphthalene**
Mass:128.00 **Type:Target**
R.T:12.090 **Area:1071415** **Conc:46.79444ppm**



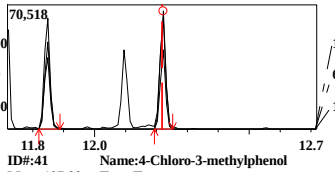
ID#:35 Name:4-Chloroaniline
Mass:127.00 Type:Target

R.T:12.214 Area:139718 Conc:17.36852ppm



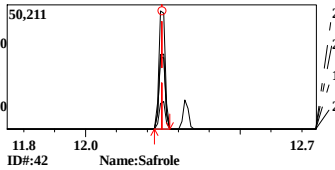
ID#:36 Name:2,6-Dichlorophenol
Mass:162.00 Type:Target

R.T:12.221 Area:84590 Conc:19.63073ppm



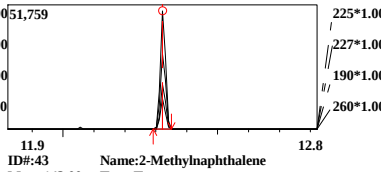
ID#:37 Name:Hexachloropropene
Mass:213.00 Type:Target

R.T:12.247 Area:68372 Conc:20.13812ppm



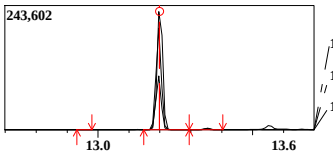
ID#:38 Name:Hexachlorobutadiene
Mass:225.00 Type:Target

R.T:12.323 Area:59251 Conc:18.60384ppm



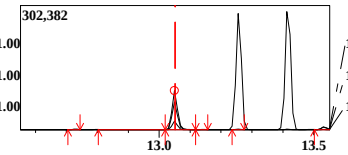
ID#:40 Name:2-Methylnaphthalene-d10
Mass:152.00 Type:Target

R.T:13.199 Area:305521 Conc:28.72398ppm



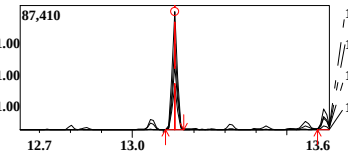
ID#:41 Name:4-Chloro-3-methylphenol
Mass:107.00 Type:Target

R.T:13.050 Area:121142 Conc:18.95003ppm



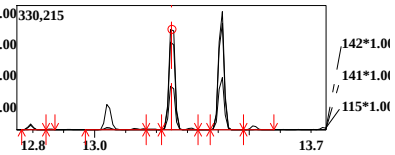
ID#:42 Name:Safrole
Mass:162.00 Type:Target

R.T:13.137 Area:95341 Conc:22.28863ppm



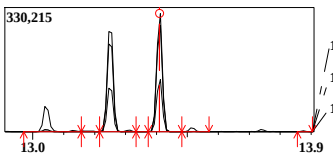
ID#:43 Name:2-Methylnaphthalene
Mass:142.00 Type:Target

R.T:13.250 Area:386017 Conc:26.45678ppm



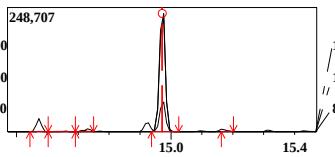
ID#:44 Name:1-Methylnaphthalene
Mass:142.00 Type:Target

R.T:13.410 Area:406560 Conc:29.37680ppm



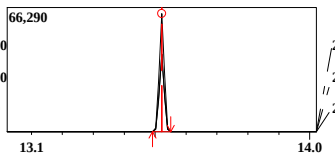
ID#:45 Name:Acenaphthene-d10 (IS)
Mass:164.00 Type:ISTD

R.T:14.973 Area:329134 Conc:40.00000ppm



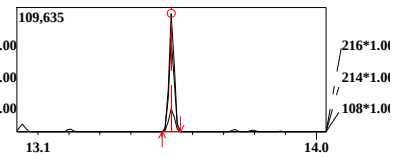
ID#:46 Name:Hexachlorocyclopentadiene
Mass:237.00 Type:Target

R.T:13.521 Area:73941 Conc:21.71353ppm



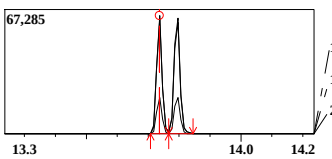
ID#:47 Name:1,2,4,5-Tetrachlorobenzene
Mass:216.00 Type:Target

R.T:13.531 Area:124812 Conc:21.29686ppm



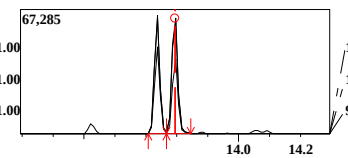
ID#:48 Name:2,4,6-Trichlorophenol
Mass:196.00 Type:Target

R.T:13.736 Area:78459 Conc:22.63974ppm



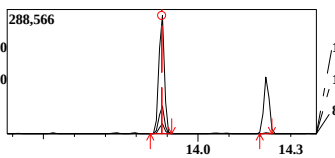
ID#:49 Name:2,4,5-Trichlorophenol
Mass:196.00 Type:Target

R.T:13.794 Area:86720 Conc:22.96234ppm



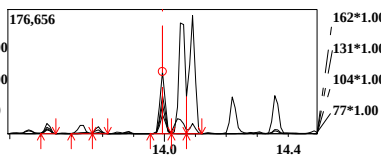
ID#:50 Name:2-Fluorobiphenyl
Mass:172.00 Type:Surrogate/SMC

R.T:13.883 Area:344385 Conc:28.85612ppm



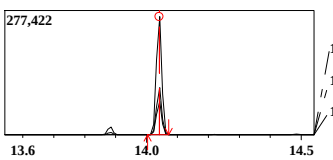
ID#:51 Name:Isosafrole
Mass:162.00 Type:Target

R.T:13.993 Area:106316 Conc:22.69121ppm



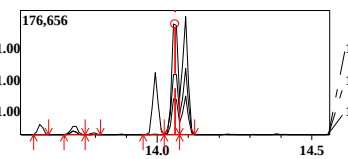
ID#:52 Name:1,1'-Biphenyl
Mass:154.00 Type:Target

R.T:14.041 Area:325891 Conc:21.94554ppm



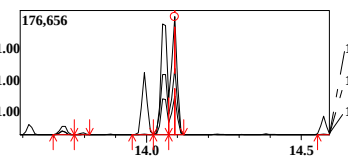
ID#:53 Name:2-Chloronaphthalene
Mass:162.00 Type:Target

R.T:14.057 Area:240351 Conc:20.86299ppm



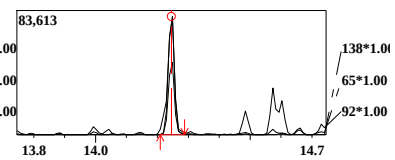
ID#:54 Name:1-Chloronaphthalene
Mass:162.00 Type:Target

R.T:14.090 Area:204030 Conc:22.62548ppm



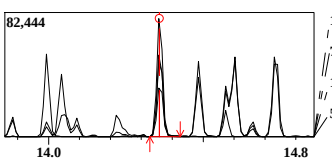
ID#:55 Name:2-Nitroaniline
Mass:138.00 Type:Target

R.T:14.246 Area:111319 Conc:26.84404ppm



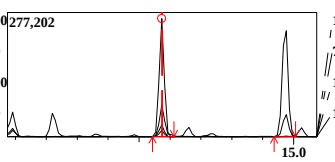
ID#:56 Name:1,4-Naphthoquinone
Mass:158.00 Type:Target

R.T:14.359 Area:107214 Conc:23.39352ppm



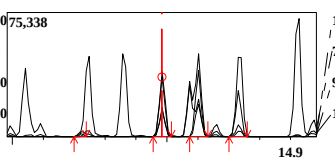
ID#:57 Name:Dimethyl phthalate
Mass:163.00 Type:Target

R.T:14.573 Area:303925 Conc:25.33263ppm



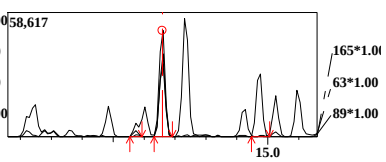
ID#:58 Name:1,3-Dinitrobenzene
Mass:168.00 Type:Target

R.T:14.484 Area:44866 Conc:25.86838ppm



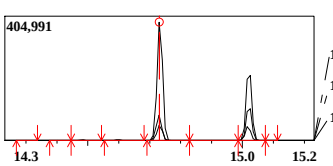
ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT)
Mass:165.00 Type:Target

R.T:14.659 Area:67173 Conc:26.11303ppm



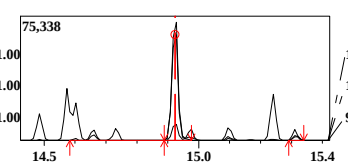
ID#:60 Name:Acenaphthylene
Mass:152.00 Type:Target

R.T:14.732 Area:500832 Conc:24.88267ppm



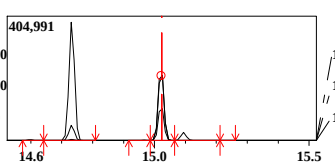
ID#:61 Name:3-Nitroaniline
Mass:138.00 Type:Target

R.T:14.923 Area:94163 Conc:27.28122ppm



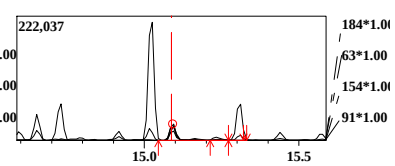
ID#:62 Name:Acenaphthene
Mass:154.00 Type:Target

R.T:15.022 Area:294677 Conc:22.06232ppm



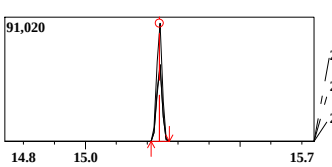
ID#:63 Name:2,4-Dinitrophenol
Mass:184.00 Type:Target

R.T:15.092 Area:42354 Conc:29.58210ppm



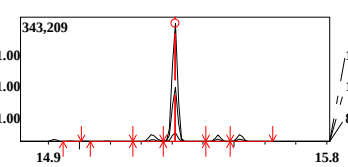
ID#:64 Name:Pentachlorobenzene
Mass:250.00 Type:Target

R.T:15.240 Area:110223 Conc:24.33144ppm



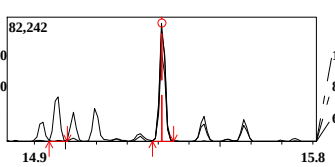
ID#:65 Name:Dibenzofuran
Mass:168.00 Type:Target

R.T:15.309 Area:411731 Conc:23.11506ppm



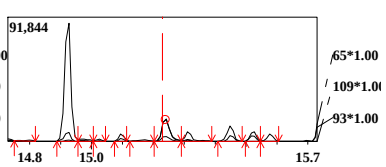
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT)
Mass:165.00 Type:Target

R.T:15.313 Area:100467 Conc:27.07094ppm



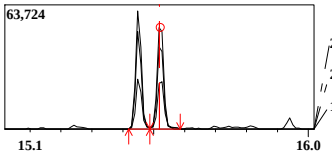
ID#:67 Name:4-Nitrophenol
Mass:65.00 Type:Target

R.T:15.239 Area:30512 Conc:13.09043ppm



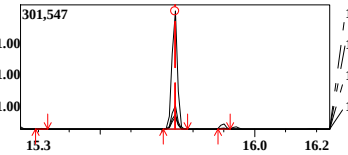
ID#:68 Name:2,3,4,6-Tetrachlorophenol
Mass:232.00 Type:Target

R.T:15.521 Area:80696 Conc:25.26957ppm



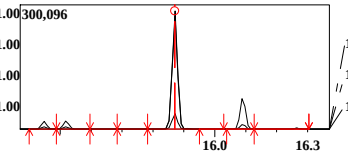
ID#:69 Name:Diethyl phthalate
Mass:149.00 Type:Target

R.T:15.742 Area:354830 Conc:27.15179ppm



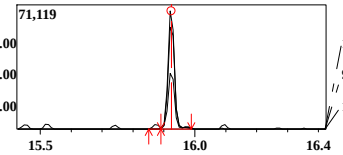
ID#:70 Name:Fluorene
Mass:166.00 Type:Target

R.T:15.871 Area:351572 Conc:24.20638ppm



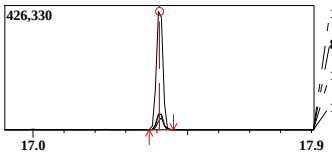
ID#:72 Name:4-Nitroaniline
Mass:138.00 Type:Target

R.T:15.923 Area:98278 Conc:30.59078ppm



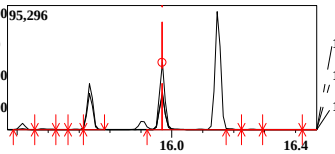
ID#:73 Name:Phenanthrene-d10 (IS)
Mass:188.00 Type:ISTD

R.T:17.409 Area:613009 Conc:40.00000ppm



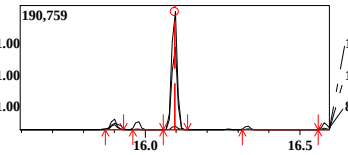
ID#:74 Name:4,6-Dinitro-2-methylphenol
Mass:198.00 Type:Target

R.T:15.969 Area:64792 Conc:32.97689ppm



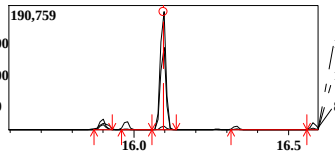
ID#:75 Name:N-Nitrosodiphenylamine
Mass:169.00 Type:Target

R.T:16.095 Area:235017 Conc:22.16029ppm



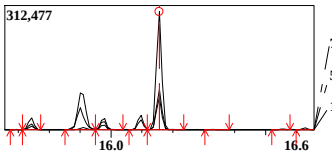
ID#:76 Name:Diphenylamine
Mass:169.00 Type:Target

R.T:16.095 Area:235017 Conc:22.16029ppm



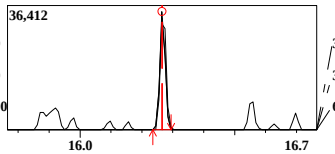
ID#:77 Name:1,2-Diphenylhydrazine
Mass:77.00 Type:Target

R.T:16.156 Area:365342 Conc:25.72874ppm



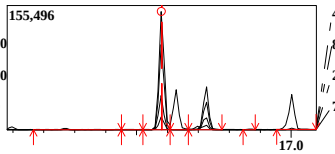
ID#:78 Name:2,4,6-Tribromophenol
Mass:330.00 Type:Surrogate/SMC

R.T:16.266 Area:43010 Conc:31.83941ppm



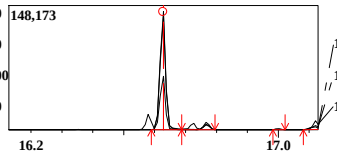
ID#:79 Name:(cis/trans)-Diallate
Mass:43.00 Type:Target

R.T:16.580 Area:181239 Conc:27.05167ppm



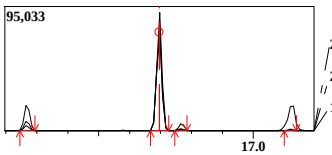
ID#:80 Name:Phenacetin
Mass:108.00 Type:Target

R.T:16.627 Area:179001 Conc:25.71593ppm



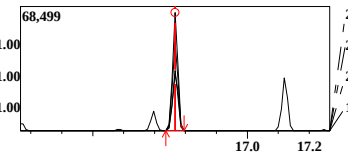
ID#:81 Name:4-Bromophenyl phenyl ether
Mass:250.00 Type:Target

R.T:16.696 Area:90528 Conc:25.71944ppm



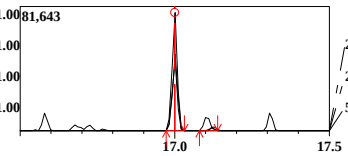
ID#:82 Name:Hexachlorobenzene
Mass:284.00 Type:Target

R.T:16.767 Area:80089 Conc:24.96264ppm



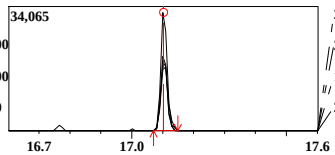
ID#:83 Name:Atrazine
Mass:200.00 Type:Target

R.T:17.001 Area:91912 Conc:25.91406ppm



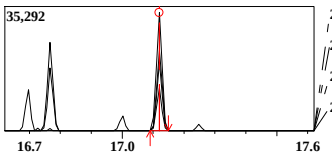
ID#:84 Name:Pentachlorophenol
Mass:266.00 Type:Target

R.T:17.103 Area:47702 Conc:28.91375ppm



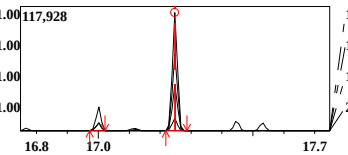
ID#:85 Name:Pentachloronitrobenzene
Mass:237.00 Type:Target

R.T:17.120 Area:44283 Conc:26.43620ppm



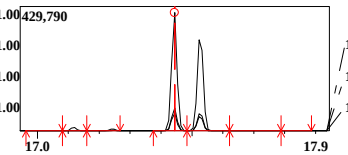
ID#:86 Name:Pronamide (Kerb)
Mass:173.00 Type:Target

R.T:17.248 Area:133276 Conc:25.69273ppm



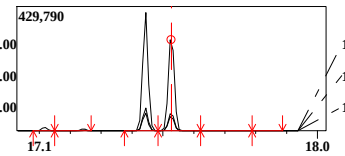
ID#:87 Name:Phenanthrene
Mass:178.00 Type:Target

R.T:17.443 Area:508385 Conc:25.02603ppm



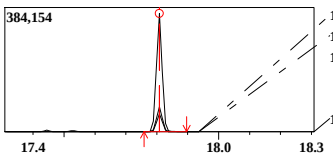
ID#:88 Name:Anthracene
Mass:178.00 Type:Target

R.T:17.526 Area:455376 Conc:21.44309ppm



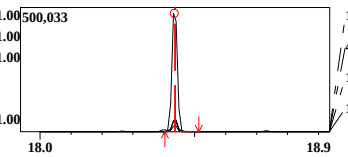
ID#:89 Name:Carbazole
Mass:167.00 Type:Target

R.T:17.808 Area:477347 Conc:25.25524ppm



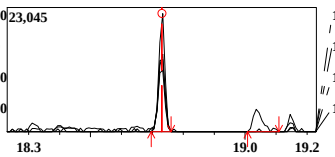
ID#:90 Name:Di-n-butyl phthalate
Mass:149.00 Type:Target

R.T:18.435 Area:630375 Conc:28.28061ppm



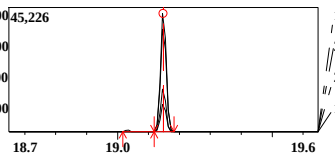
ID#:91 Name:4-Nitroquinoline-N-Oxide
Mass:190.00 Type:Target

R.T:18.731 Area:29496 Conc:22.64683ppm



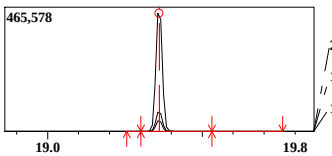
ID#:92 Name:Isodrin
Mass:193.00 Type:Target

R.T:19.148 Area:58408 Conc:28.95388ppm



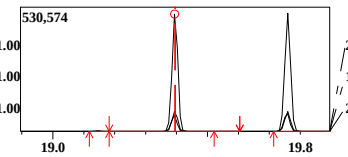
ID#:93 Name:Fluoranthene-d10
Mass:212.00 Type:Target

R.T:19.360 Area:674313 Conc:35.46905ppm



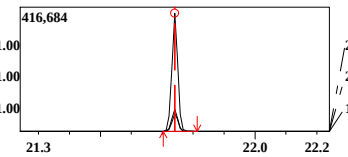
ID#:94 Name:Fluoranthene
Mass:202.00 Type:Target

R.T:19.395 Area:661488 Conc:26.43070ppm



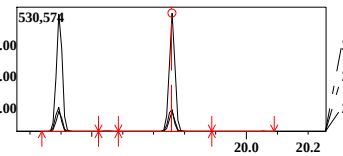
ID#:95 Name:Chrysene-d12 (IS)
Mass:240.00 Type:ISTD

R.T:21.740 Area:543438 Conc:40.00000ppm



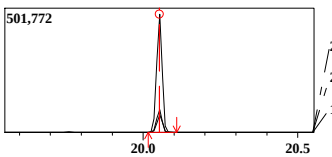
ID#:96 Name:Pyrene
Mass:202.00 Type:Target

R.T:19.760 Area:666948 Conc:26.12905ppm



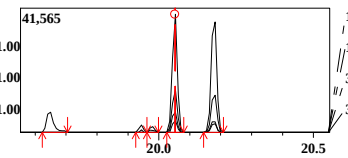
ID#:97 Name:p-Terphenyl-d14
Mass:244.00 Type:Surrogate/SMC

R.T:20.053 Area:592432 Conc:36.62936ppm



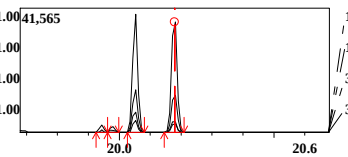
ID#:98 Name:Aramite A
Mass:185.00 Type:Target

R.T:20.052 Area:45294 Conc:13.98657ppm



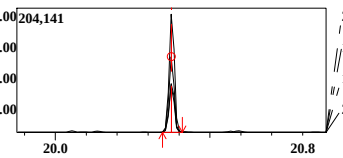
ID#:99 Name:Aramite B
Mass:185.00 Type:Target

R.T:20.178 Area:48351 Conc:14.90032ppm



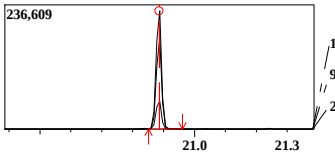
ID#:100 Name:Chlorobenzilate
Mass:251.00 Type:Target

R.T:20.375 Area:147272 Conc:29.46614ppm



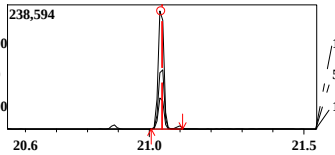
ID#:101 Name:Butyl benzyl phthalate
Mass:149.00 Type:Target

R.T:20.885 Area:275252 Conc:28.44488ppm



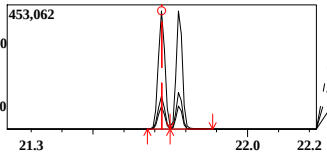
ID#:102 Name:Di(2-ethylhexyl) adipate
Mass:129.00 Type:Target

R.T:21.038 Area:294366 Conc:28.25105ppm



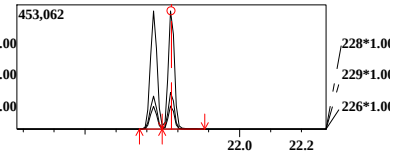
ID#:103 Name:Benzo[a]anthracene
Mass:228.00 Type:Target

R.T:21.722 Area:637879 Conc:28.10057ppm



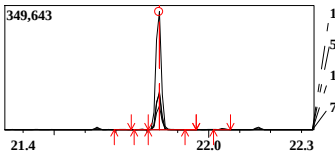
ID#:104 Name:Chrysene
Mass:228.00 Type:Target

R.T:21.779 Area:598010 Conc:26.04105ppm



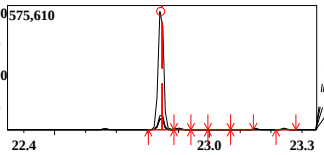
ID#:105 Name:Bis(2-Ethylhexyl) phthalate
Mass:149.00 Type:Target

R.T:21.838 Area:416499 Conc:29.33537ppm



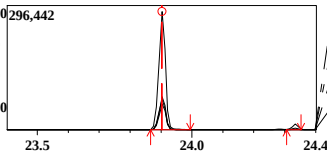
ID#:106 Name:Di-n-octyl phthalate
Mass:149.00 Type:Target

R.T:22.843 Area:709940 Conc:29.94799ppm



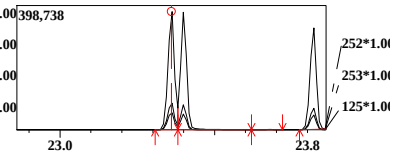
ID#:107 Name:Perylene-d12 (IS)
Mass:264.00 Type:ISTD

R.T:23.904 Area:420304 Conc:40.00000ppm



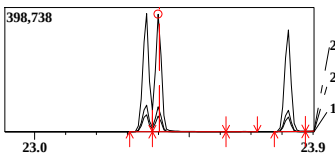
ID#:108 Name:Benzo[b]fluoranthene
Mass:252.00 Type:Target

R.T:23.361 Area:562819 Conc:27.04376ppm



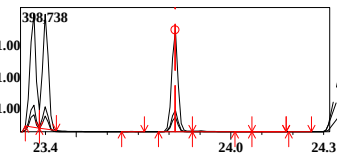
ID#:109 Name:Benzo[k]fluoranthene
Mass:252.00 Type:Target

R.T:23.400 Area:494766 Conc:24.94662ppm



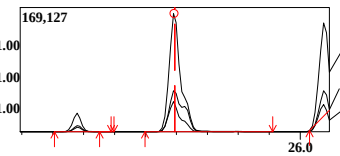
ID#:110 Name:Benzo[a]pyrene
Mass:252.00 Type:Target

R.T:23.819 Area:465393 Conc:28.60697ppm



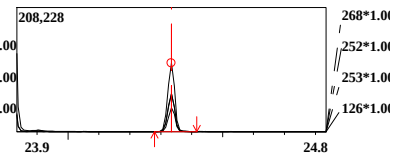
ID#:111 Name:Indeno(1,2,3-cd)pyrene
Mass:276.00 Type:Target

R.T:25.592 Area:430859 Conc:36.09318ppm



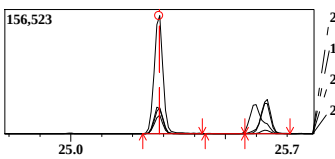
ID#:112 Name:3-Methylcholanthrene
Mass:268.00 Type:Target

R.T:24.334 Area:183743 Conc:25.26652ppm



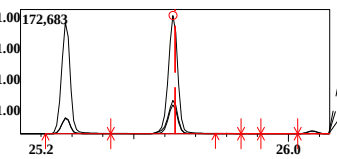
ID#:113 Name:Dibenz(a,j)Acridine
Mass:279.00 Type:Target

R.T:25.284 Area:295567 Conc:27.72805ppm



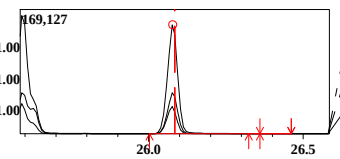
ID#:114 Name:Dibenzo[a,h]anthracene
Mass:278.00 Type:Target

R.T:25.628 Area:360812 Conc:28.79346ppm



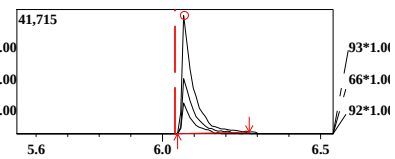
ID#:115 Name:Benzo[g,h,i]perylene
Mass:276.00 Type:Target

R.T:26.078 Area:347706 Conc:27.08209ppm



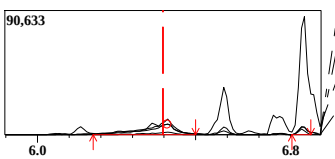
ID#:116 Name:2-Picoline (2-Methylpyridine)
Mass:93.00 Type:Target

R.T:6.070 Area:96925 Conc:13.51417ppm



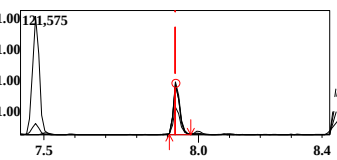
ID#:117 Name:N-Nitrosomethylethylamine
Mass:88.00 Type:Target

R.T:6.410 Area:52416 Conc:17.51329ppm



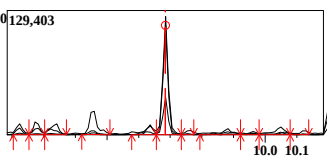
ID#:118 Name:N-Nitrosodiethylamine
Mass:102.00 Type:Target

R.T:7.927 Area:69482 Conc:21.22203ppm



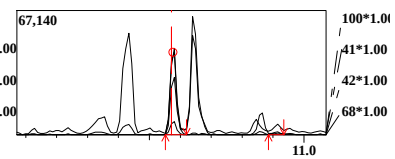
ID#:119 Name:n-Decane
Mass:57.00 Type:Target

R.T:9.685 Area:130263 Conc:15.19126ppm



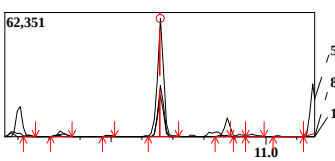
ID#:120 Name:N-Nitrosopyrrolidine
Mass:100.00 Type:Target

R.T:10.577 Area:66338 Conc:20.37611ppm



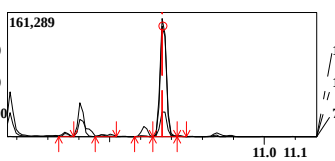
ID#:121 Name:N-Nitrosomorpholine
Mass:56.00 Type:Target

R.T:10.660 Area:83712 Conc:20.74027ppm



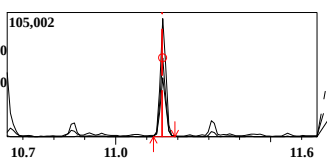
ID#:122 Name:o-Toluidine
Mass:106.00 Type:Target

R.T:10.673 Area:203874 Conc:19.50964ppm



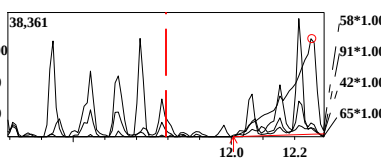
ID#:123 Name:N-Nitrosopiperidine
Mass:114.00 Type:Target

R.T:11.152 Area:81288 Conc:23.57519ppm



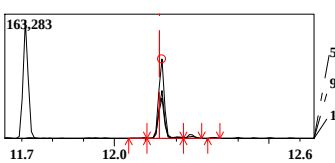
ID#:124 Name:a,a-Dimethylphenethylamine
Mass:58.00 Type:Target

R.T:12.255 Area:180582 Conc:10.88968ppm



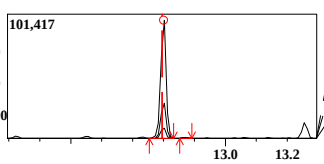
ID#:125 Name:Alpha-Terpineol
Mass:59.00 Type:Target

R.T:12.153 Area:136176 Conc:23.50602ppm



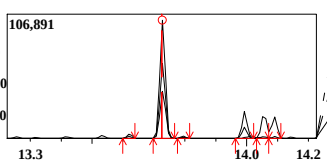
ID#:127 Name:N-Nitrosodi-n-butylamine
Mass:84.00 Type:Target

R.T:12.801 Area:119459 Conc:25.45366ppm



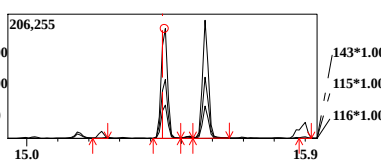
ID#:128 Name:2,3-Dichloroaniline
Mass:161.00 Type:Target

R.T:13.728 Area:129643 Conc:23.11819ppm



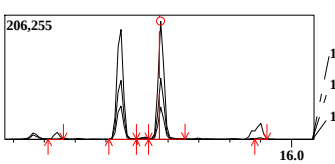
ID#:129 Name:1-Naphthylamine
Mass:143.00 Type:Target

R.T:15.445 Area:264108 Conc:21.81643ppm



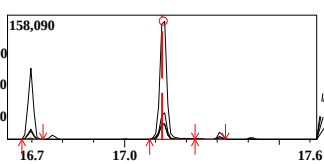
ID#:130 Name:2-Naphthylamine
Mass:143.00 Type:Target

R.T:15.577 Area:258896 Conc:18.54966ppm



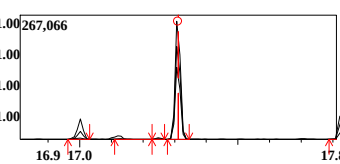
ID#:132 Name:4-Aminobiphenyl
Mass:169.00 Type:Target

R.T:17.125 Area:243889 Conc:18.51365ppm



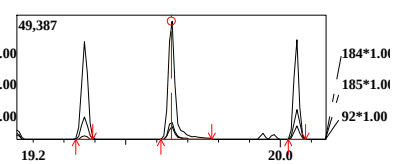
ID#:133 Name:n-Octadecane
Mass:57.00 Type:Target

R.T:17.309 Area:302008 Conc:24.37356ppm



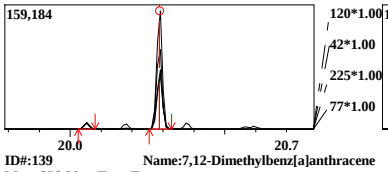
ID#:134 Name:Benzidine
Mass:184.00 Type:Target

R.T:19.647 Area:78360 Conc:6.50423ppm



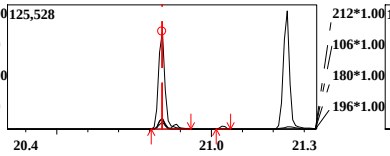
ID#:135 Name:4-Dimethyl aminoazobenzene
Mass:120.00 Type:Target

R.T:20.289 Area:190259 Conc:29.00230ppm



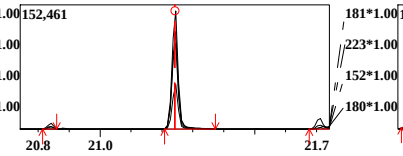
ID#:136 Name:3,3'-Dimethylbenzidine
Mass:212.00 Type:Target

R.T:20.839 Area:141266 Conc:9.82750ppm



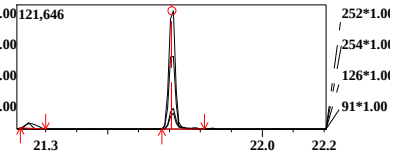
ID#:137 Name:2-Acetylaminofluorene
Mass:181.00 Type:Target

R.T:21.243 Area:209870 Conc:29.41231ppm



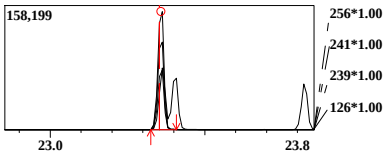
ID#:138 Name:3,3`-Dichlorobenzidine
Mass:252.00 Type:Target

R.T:21.709 Area:173515 Conc:25.66588ppm



ID#:139 Name:7,12-Dimethylbenz[a]anthracene
Mass:256.00 Type:Target

R.T:23.359 Area:210507 Conc:26.64910ppm



Analyst: CMN Instrument: J7H Trace Number:
Method: 8270D Batch:2625
Sample ID: 4560645MSD Data File: C:\GCMSsolution\Data\221214H018.qgd
Date: 12/14/2022 Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm
Time: 19:27:26 Sample Name: 4560645MSD
Dilution: 1

Internal Standard

ID#	Name	Mass	Time	Area	Conc.
1	1,4-Dichlorobenzene-d4 (IS)	150.00	9.90	258159	40.00
24	Naphthalene-d8 (IS)	136.00	12.06	689381	40.00
45	Acenaphthene-d10 (IS)	164.00	14.97	335817	40.00
73	Phenanthrene-d10 (IS)	188.00	17.41	642821	40.00
95	Chrysene-d12 (IS)	240.00	21.74	584804	40.00
107	Perylene-d12 (IS)	264.00	23.90	460845	40.00

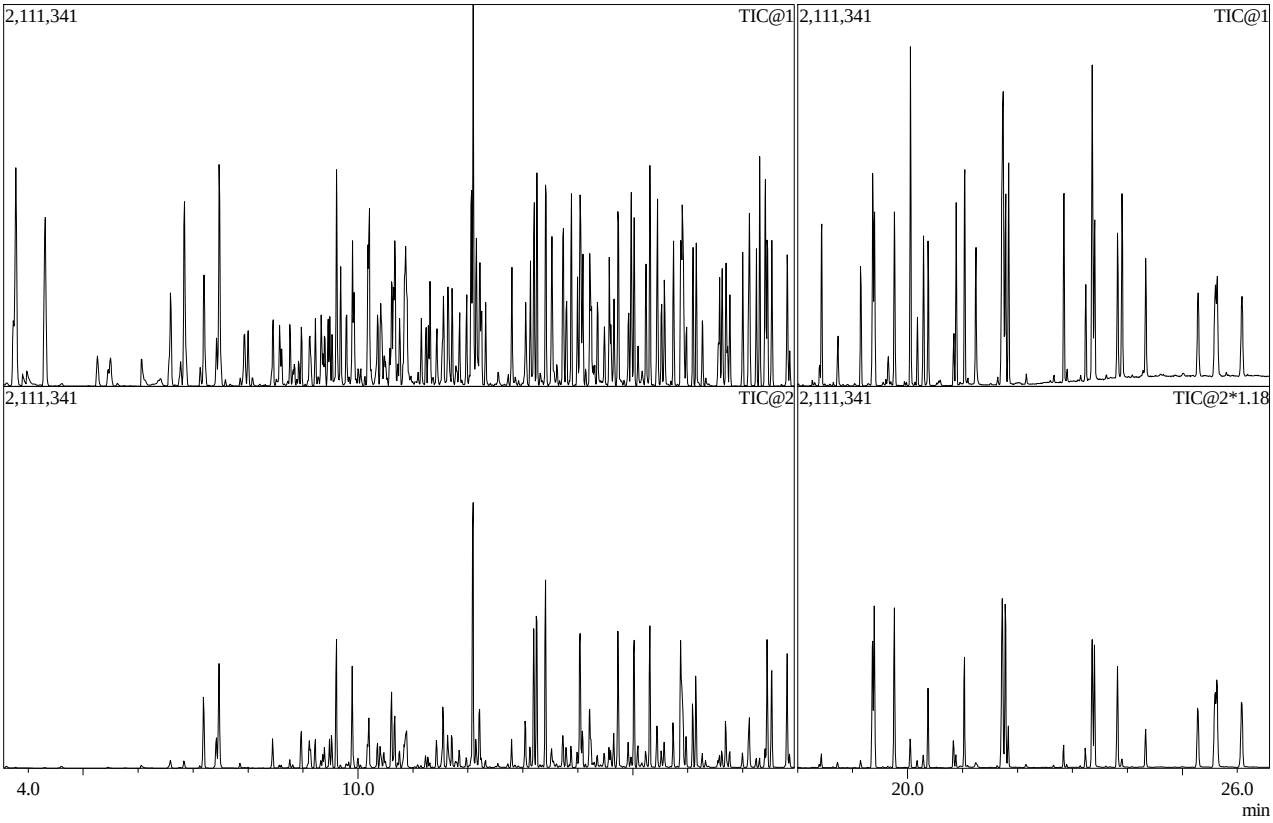
Surrogate

ID#	Name	Mass	Time	Area	Conc.
5	2-Fluorophenol	112.00	7.50	66795	10.90
10	Phenol-d6	99.00	9.34	45310	6.17
25	Nitrobenzene-d5	82.00	10.86	233582	36.41
50	2-Fluorobiphenyl	172.00	13.88	410406	33.70
78	2,4,6-Tribromophenol	330.00	16.27	47740	33.54
97	p-Terphenyl-d14	244.00	20.05	639291	36.73

Target

ID#	Name	Mass	Time	Area	Conc.
2	N-Nitrosodimethylamine	74.00	3.90	63091	12.60
3	Pyridine	79.00	3.98	100381	15.06
4	Methyl methanesulfonate	80.00	7.13	58581	17.02
6	Ethyl methanesulfonate	79.00	8.57	113308	24.37
7	Benzaldehyde	106.00	9.12	96766	18.77
8	Aniline	93.00	9.33	182971	18.83
9	Pentachloroethane	167.00	9.39	43957	23.14
11	Phenol	94.00	9.36	57198	6.28
12	bis(2-Chloroethyl)Ether	93.00	9.49	173713	25.52
13	2-Chlorophenol	128.00	9.53	106258	16.46
14	1,3-Dichlorobenzene	146.00	9.79	146526	22.17
15	1,4-Dichlorobenzene	146.00	9.93	149316	22.09
16	1,2-Dichlorobenzene	146.00	10.18	144061	22.13
17	Benzyl Alcohol	79.00	10.18	104461	18.42
18	bis(2-Chloroisopropyl) Ether	45.00	10.43	295426	25.07
19	2-Methylphenol (o-Cresol)	108.00	10.41	78333	12.18
20	Acetophenone	105.00	10.61	271373	28.68
21	N-Nitrosodi-n-propylamine	70.00	10.64	131421	27.02
22	3+4-Methylphenol(m&p-Cresol)	107.00	10.67	260981	37.81
23	Hexachloroethane	117.00	10.76	69013	24.22
26	Nitrobenzene	77.00	10.89	176798	26.21
27	Isophorone	82.00	11.31	332977	25.06
28	2-Nitrophenol	139.00	11.43	81068	24.52
29	2,4-Dimethylphenol	107.00	11.56	133393	18.48
30	Bis(2-Chloroethoxy)methane	93.00	11.71	210259	24.94
31	2,4-Dichlorophenol	162.00	11.85	96654	21.41
32	Benzoic Acid	105.00	11.67	70193	19.34
33	1,2,4-Trichlorobenzene	180.00	11.98	115869	24.25
34	Naphthalene	128.00	12.09	1480378	62.75
35	4-Chloroaniline	127.00	12.21	152801	18.43
36	2,6-Dichlorophenol	162.00	12.22	97214	21.89
37	Hexachloropropene	213.00	12.25	88266	25.23
38	Hexachlorobutadiene	225.00	12.32	77511	23.62
39	Caprolactam	55.00	12.80	39082	12.55
40	2-Methylnaphthalene-d10	152.00	13.20	374607	34.18
41	4-Chloro-3-methylphenol	107.00	13.05	129827	19.71
42	Safrole	162.00	13.14	113899	25.84
43	2-Methylnaphthalene	142.00	13.25	468065	31.13
44	1-Methylnaphthalene	142.00	13.41	495363	34.74
46	Hexachlorocyclopentadiene	237.00	13.52	94596	26.73
47	1,2,4,5-Tetrachlorobenzene	216.00	13.53	147036	24.59
48	2,4,6-Trichlorophenol	196.00	13.74	84629	23.93
49	2,4,5-Trichlorophenol	196.00	13.79	92229	23.94
51	Isosafrole	162.00	13.99	118976	24.89
52	1,1'-Biphenyl	154.00	14.04	377224	24.90
53	2-Chloronaphthalene	162.00	14.06	270390	23.00
54	1-Chloronaphthalene	162.00	14.09	237969	25.86
55	2-Nitroaniline	138.00	14.25	114756	27.12
56	1,4-Naphthoquinone	158.00	14.36	114172	24.42
57	Dimethyl phthalate	163.00	14.57	323781	26.45
58	1,3-Dinitrobenzene	168.00	14.48	48464	27.27

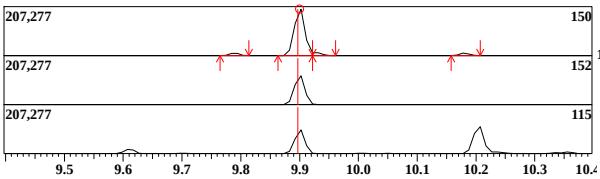
ID#	Name	Mass	Time	Area	Conc.
59	2,6-Dinitrotoluene (2,6-DNT)	165.00	14.66	71694	27.32
60	Acenaphthylene	152.00	14.73	548908	26.73
61	3-Nitroaniline	138.00	14.92	94886	26.94
62	Acenaphthene	154.00	15.02	322887	23.69
63	2,4-Dinitrophenol	184.00	15.09	42427	29.11
64	Pentachlorobenzene	250.00	15.24	120662	26.11
65	Dibenzofuran	168.00	15.31	451847	24.84
66	2,4-Dinitrotoluene (2,4-DNT)	165.00	15.31	103801	27.41
67	4-Nitrophenol	65.00	15.24	29068	12.33
68	2,3,4,6-Tetrachlorophenol	232.00	15.52	81517	25.02
69	Diethyl phthalate	149.00	15.74	362342	27.17
70	Fluorene	166.00	15.87	369967	24.97
71	4-Chlorophenyl phenyl ether	204.00	15.90	178081	26.99
72	4-Nitroaniline	138.00	15.92	97663	29.79
74	4,6-Dinitro-2-methylphenol	198.00	15.97	64422	32.20
75	N-Nitrosodiphenylamine	169.00	16.10	241398	21.71
76	Diphenylamine	169.00	16.10	241398	21.71
77	1,2-Diphenylhydrazine	77.00	16.16	385995	25.92
79	(cis/trans)-Diallate	43.00	16.58	188205	26.79
80	Phenacetin	108.00	16.63	183373	25.12
81	4-Bromophenyl phenyl ether	250.00	16.70	92777	25.14
82	Hexachlorobenzene	284.00	16.77	81332	24.17
83	Atrazine	200.00	17.00	95235	25.61
84	Pentachlorophenol	266.00	17.11	47620	27.72
85	Pentachloronitrobenzene	237.00	17.12	47135	26.83
86	Pronamide (Kerb)	173.00	17.25	143418	26.37
87	Phenanthrene	178.00	17.44	519806	24.40
88	Anthracene	178.00	17.53	468069	21.02
89	Carbazole	167.00	17.81	481748	24.31
90	Di-n-butyl phthalate	149.00	18.44	647336	27.69
91	4-Nitroquinoline-N-Oxide	190.00	18.73	30145	22.19
92	Isodrin	193.00	19.15	59117	27.95
93	Fluoranthene-d10	212.00	19.36	711548	35.69
94	Fluoranthene	202.00	19.40	677548	25.82
96	Pyrene	202.00	19.76	672738	24.49
98	Aramite A	185.00	20.05	46851	13.48
99	Aramite B	185.00	20.18	48571	13.91
100	Chlorobenzilate	251.00	20.38	149767	27.85
101	Butyl benzyl phthalate	149.00	20.89	282897	27.17
102	Di(2-ethylhexyl) adipate	129.00	21.04	296943	26.48
103	Benzo[a]anthracene	228.00	21.72	648425	26.56
104	Chrysene	228.00	21.78	605358	24.50
105	Bis(2-Ethylhexyl) phthalate	149.00	21.84	416068	27.23
106	Di-n-octyl phthalate	149.00	22.84	713990	27.99
108	Benzo[b]fluoranthene	252.00	23.36	572126	25.07
109	Benzo[k]fluoranthene	252.00	23.40	519157	23.87
110	Benzo[a]pyrene	252.00	23.82	475246	26.64
111	Indeno(1,2,3-cd)pyrene	276.00	25.59	368715	28.98
112	3-Methylcholanthrene	268.00	24.33	185377	23.25
113	Dibenz(a,j)Acridine	279.00	25.29	306947	26.26
114	Dibenzo[a,h]anthracene	278.00	25.63	369946	27.05
115	Benzo[g,h,i]perylene	276.00	26.08	349909	24.86
116	2-Picoline (2-Methylpyridine)	93.00	6.06	133079	18.29
117	N-Nitrosomethylethylamine	88.00	6.41	63606	20.83
118	N-Nitrosodiethylamine	102.00	7.93	81970	24.68
119	n-Decane	57.00	9.69	173491	19.94
120	N-Nitrosopyrrolidine	100.00	10.58	74514	22.21
121	N-Nitrosomorpholine	56.00	10.66	98996	23.80
122	o-Toluidine	106.00	10.67	232083	21.55
123	N-Nitrosopiperidine	114.00	11.15	95655	26.92
124	a,a-Dimethylphenethylamine	58.00	12.24	156264	9.15
125	Alpha-Terpineol	59.00	12.15	161240	27.01
126	p-Phenylenediamine	108.00	12.78	0	1.76
127	N-Nitrosodi-n-butylamine	84.00	12.80	135430	28.01
128	2,3-Dichloroaniline	161.00	13.73	146877	25.67
129	1-Naphthylamine	143.00	15.45	274086	22.19
130	2-Naphthylamine	143.00	15.58	279506	19.63
131	5-Nitro-o-Toluidine	152.00	15.91	96661	28.69
132	4-Aminobiphenyl	169.00	17.13	242860	17.58
133	n-Octadecane	57.00	17.31	315377	24.27
134	Benzidine	184.00	19.65	89368	6.89
135	4-Dimethyl aminoazobenzene	120.00	20.29	191725	27.16
136	3,3'-Dimethylbenzidine	212.00	20.84	139647	9.03
137	2-Acetylaminofluorene	181.00	21.24	220517	28.75
138	3,3`-Dichlorobenzidine	252.00	21.71	173111	23.79
139	7,12-Dimethylbenz[a]anthracene	256.00	23.36	211821	24.65


2,111,341
TIC@1
2,111,341
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TIC@2*1.18
4.0
10.0
20.0
26.0
min

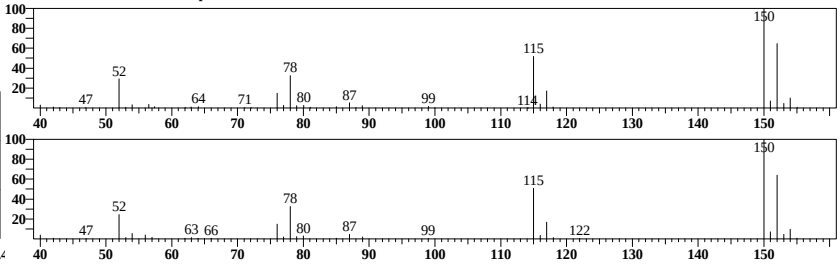
ID#:1 Name:1,4-Dichlorobenzene-d4 (IS) Type:ISTD Manual Integration Performed
Manual Reason: Split peak. CMN 12/15/2022

Mass:150.00 R.T:9.900 Area:258159 Conc:40.00000ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	152.00	80413	64.55	65.66
2	115.00	64434	51.72	48.88



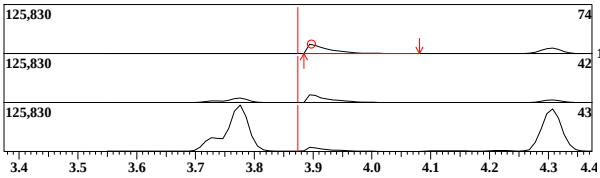
ID#:1 R.Time:9.902(Scan#:1293)
MassPeaks:37
RawMode:Averaged 9.893-9.912(1291-1295)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



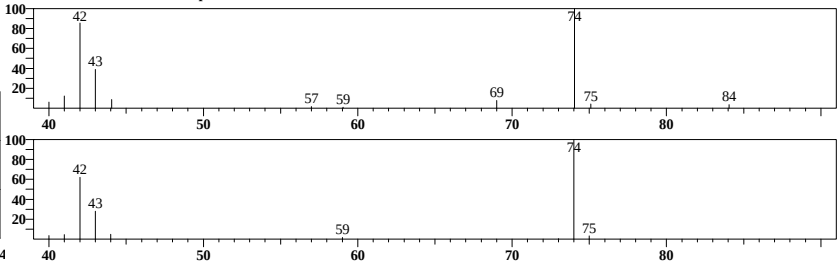
ID#:2 Name:N-Nitrosodimethylamine Type:Target Manual Integration Performed
Manual Reason: Peak not found. CMN 12/15/2022

Mass:74.00 R.T:3.898 Area:63091 Conc:12.60353ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	42.00	12787	85.52	72.10
2	43.00	5804	38.82	38.30

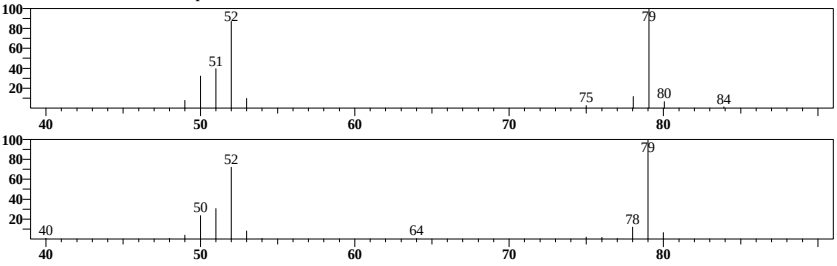


ID#:2 R.Time:3.894(Scan#:71)
MassPeaks:11
RawMode:Averaged 3.884-3.904(69-73)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



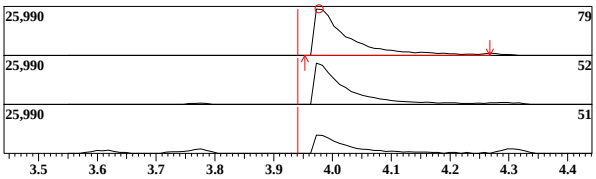
ID#:3 Name:Pyridine Type:Target Manual Integration Performed
Manual Reason: Peak not found. CMN 12/15/2022

ID#:3 R.Time:3.973(Scan#:87)
MassPeaks:10
RawMode:Averaged 3.963-3.983(85-89)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



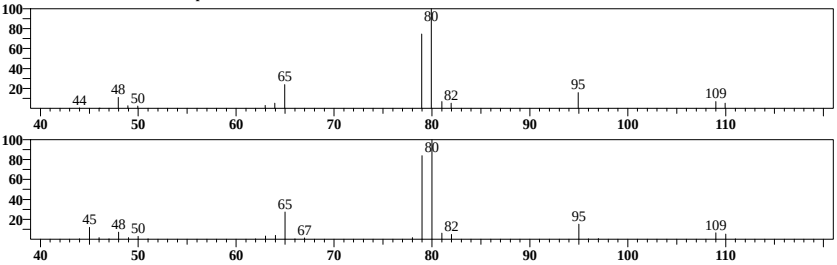
Mass:79.00 R.T:3.978 Area:100381 Conc:15.06296ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	52.00	14188	86.99	80.35
2	51.00	6450	39.55	37.95



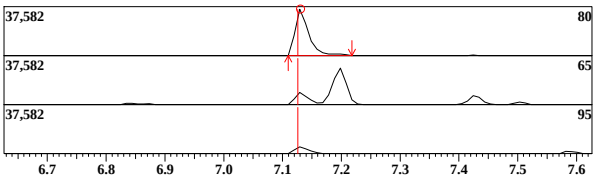
ID#:4 Name:Methyl methanesulfonate Type:Target No Manual Integration

ID#:4 R.Time:7.129(Scan#:729)
MassPeaks:15
RawMode:Averaged 7.120-7.139(727-731)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



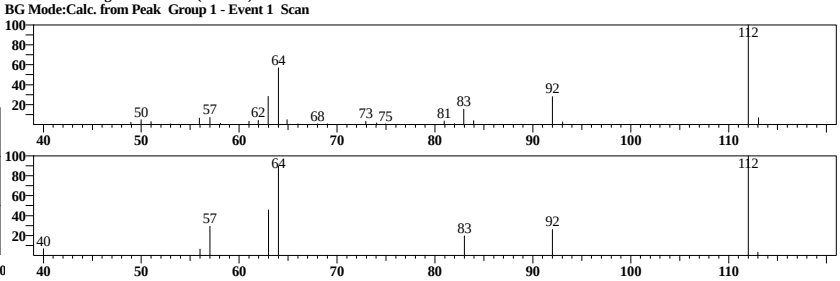
Mass:80.00 R.T:7.131 Area:58581 Conc:17.01771ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	65.00	6024	23.82	35.13
2	95.00	3949	15.61	18.43



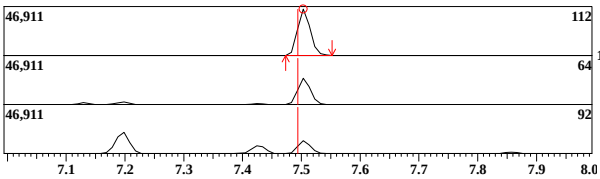
ID#:5 Name:2-Fluorophenol Type:Surrogate/SMC No Manual Integration

ID#:5 R.Time:7.503(Scan#:805)
MassPeaks:27
RawMode:Averaged 7.493-7.513(803-807)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



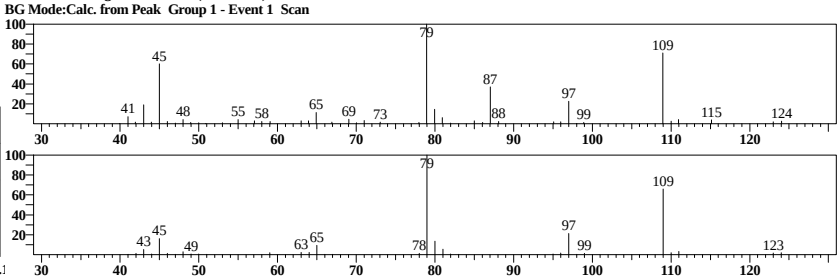
Mass:112.00 R.T:7.503 Area:66795 Conc:10.90344ppm
Event:1:Scan SI:86

#	m/z	Area	Ratio	Reference
1	64.00	18622	56.84	72.76
2	92.00	9178	28.01	26.11



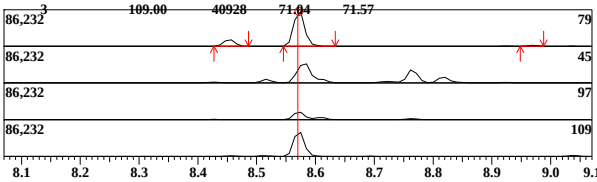
ID#:6 Name:Ethyl methanesulfonate Type:Target No Manual Integration

ID#:6 R.Time:8.575(Scan#:1023)
MassPeaks:45
RawMode:Averaged 8.565-8.585(1021-1025)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



Mass:79.00 R.T:8.572 Area:113308 Conc:24.36829ppm
Event:1:Scan SI:83

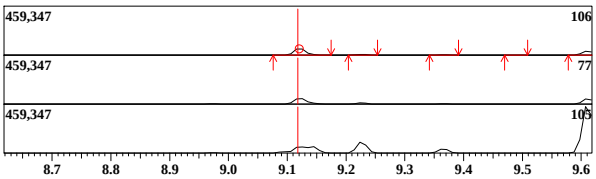
#	m/z	Area	Ratio	Reference
1	45.00	34694	* 60.22	17.15
2	97.00	13028	22.61	24.70
3	109.00	40928	71.04	71.57



ID#:7 Name:Benzaldehyde Type:Target No Manual Integration

Mass:106.00 R.T:9.120 Area:96766 Conc:18.77330ppm
Event:1:Scan SI:97

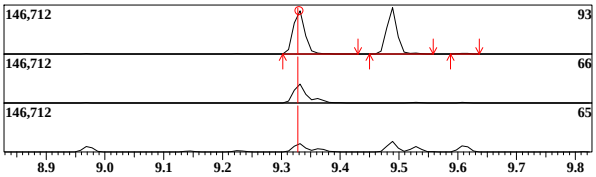
#	m/z	Area	Ratio	Reference
1	77.00	38427	88.76	85.00
2	105.00	41518	95.90	96.78



ID#:8 Name:Aniline Type:Target No Manual Integration

Mass:93.00 R.T:9.330 Area:182971 Conc:18.82525ppm
Event:1:Scan SI:80

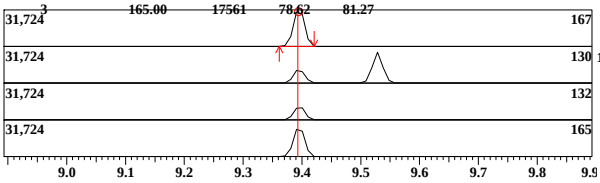
#	m/z	Area	Ratio	Reference
1	66.00	40605	43.87	46.22
2	65.00	18308	19.78	22.48



ID#:9 Name:Pentachloroethane Type:Target No Manual Integration

Mass:167.00 R.T:9.395 Area:43957 Conc:23.13921ppm
Event:1:Scan SI:96

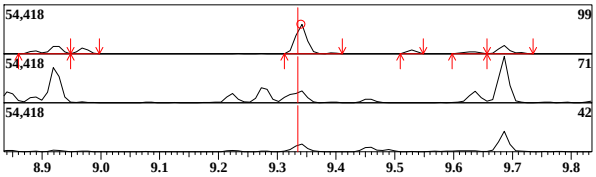
#	m/z	Area	Ratio	Reference
1	130.00	7986	35.75	38.70
2	132.00	7845	35.12	34.68
3	165.00	17561	78.62	81.27



ID#:10 Name:Phenol-d6 Type:Surrogate/SMC No Manual Integration

Mass:99.00 R.T:9.341 Area:45310 Conc:6.17053ppm
Event:1:Scan SI:53

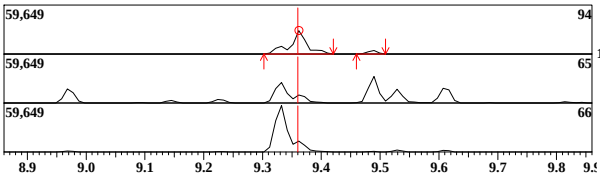
#	m/z	Area	Ratio	Reference
1	71.00	5382	23.85	35.02
2	42.00	5690	25.21	16.82



ID#:11 Name:Phenol Type:Target No Manual Integration

Mass:94.00 R.T:9.362 Area:57198 Conc:6.27542ppm
Event:1:Scan SI:66

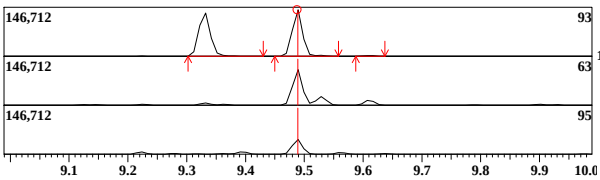
#	m/z	Area	Ratio	Reference
1	65.00	7838	40.22	31.65
2	66.00	10491	53.84	40.72



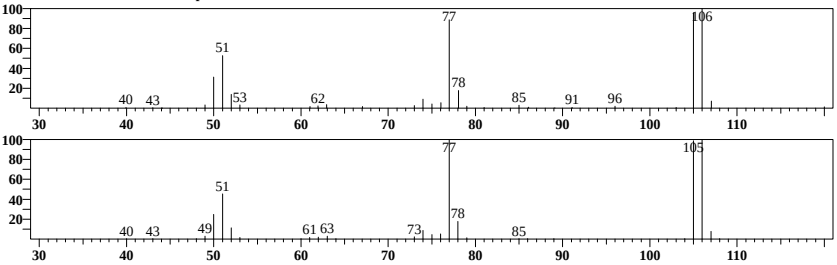
ID#:12 Name:bis(2-Chloroethyl)Ether Type:Target No Manual Integration

Mass:93.00 R.T:9.488 Area:173713 Conc:25.52253ppm
Event:1:Scan SI:86

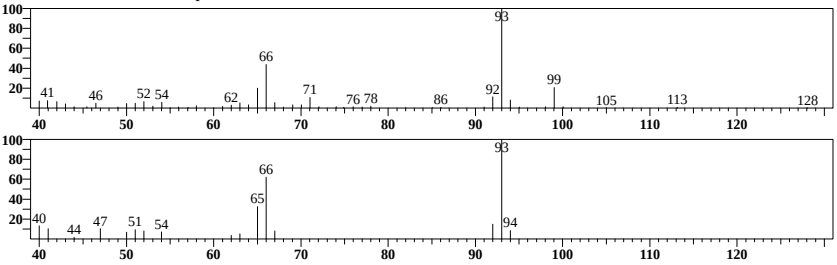
#	m/z	Area	Ratio	Reference
1	63.00	67372	74.72	95.54
2	95.00	26718	29.63	33.05



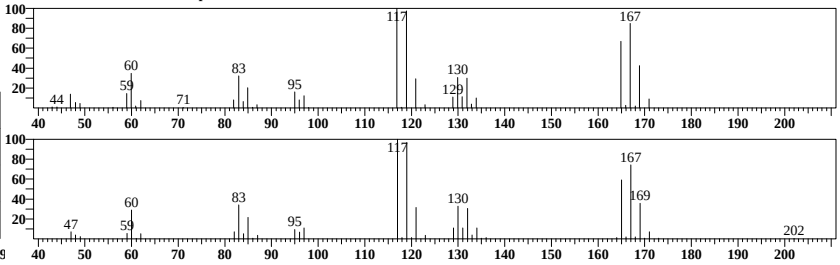
ID#:7 R.Time:9.116(Scan#:1133)
MassPeaks:30
RawMode:Averaged 9.106-9.126(1131-1135)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



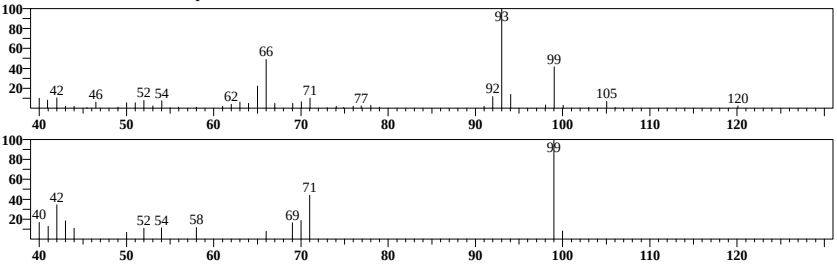
ID#:8 R.Time:9.332(Scan#:1177)
MassPeaks:49
RawMode:Averaged 9.322-9.342(1175-1179)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



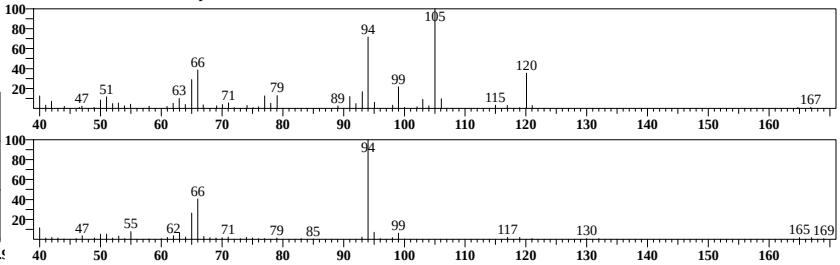
ID#:9 R.Time:9.391(Scan#:1189)
MassPeaks:38
RawMode:Averaged 9.381-9.401(1187-1191)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



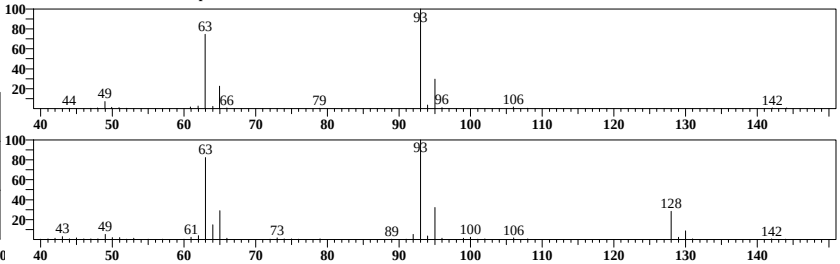
ID#:10 R.Time:9.342(Scan#:1179)
MassPeaks:44
RawMode:Averaged 9.332-9.352(1177-1181)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:11 R.Time:9.362(Scan#:1183)
MassPeaks:52
RawMode:Averaged 9.352-9.371(1181-1185)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



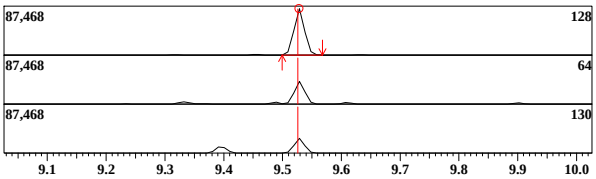
ID#:12 R.Time:9.489(Scan#:1209)
MassPeaks:22
RawMode:Averaged 9.479-9.499(1207-1211)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:13 Name:2-Chlorophenol Type:Target No Manual Integration

Mass:128.00 R.T:9.528 Area:106258 Conc:16.45927ppm
Event:1:Scan SI:86

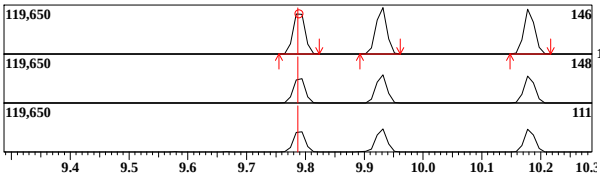
#	m/z	Area	Ratio	Reference
1	64.00	26684	47.99	65.60
2	130.00	17777	31.97	31.89



ID#:14 Name:1,3-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.789 Area:146526 Conc:22.17394ppm
Event:1:Scan SI:92

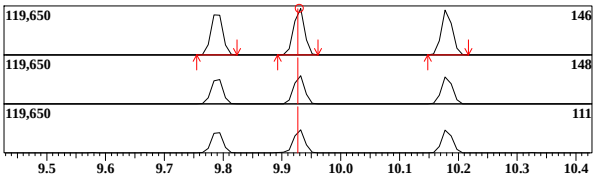
#	m/z	Area	Ratio	Reference
1	148.00	43940	59.88	64.92
2	111.00	36380	49.58	55.28



ID#:15 Name:1,4-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.929 Area:149316 Conc:22.09416ppm
Event:1:Scan SI:86

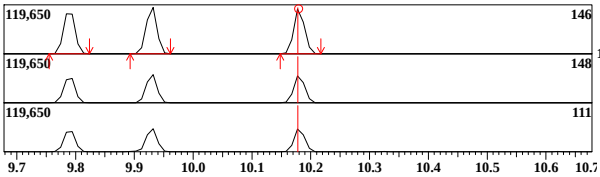
#	m/z	Area	Ratio	Reference
1	148.00	47972	61.46	66.17
2	111.00	38842	49.76	47.39



ID#:16 Name:1,2-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:10.179 Area:144061 Conc:22.12986ppm
Event:1:Scan SI:94

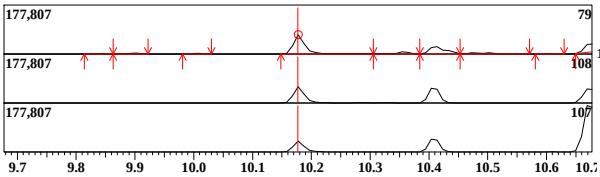
#	m/z	Area	Ratio	Reference
1	148.00	45782	61.67	65.19
2	111.00	38176	51.43	55.22



ID#:17 Name:Benzyl Alcohol Type:Target No Manual Integration

Mass:79.00 R.T:10.178 Area:104461 Conc:18.41598ppm
Event:1:Scan SI:89

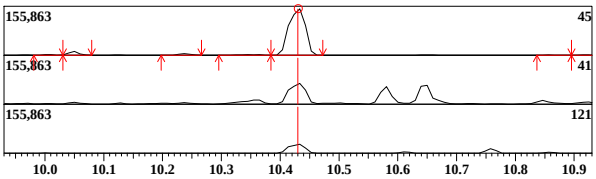
#	m/z	Area	Ratio	Reference
1	108.00	39355	85.62	85.77
2	107.00	25934	56.42	58.74



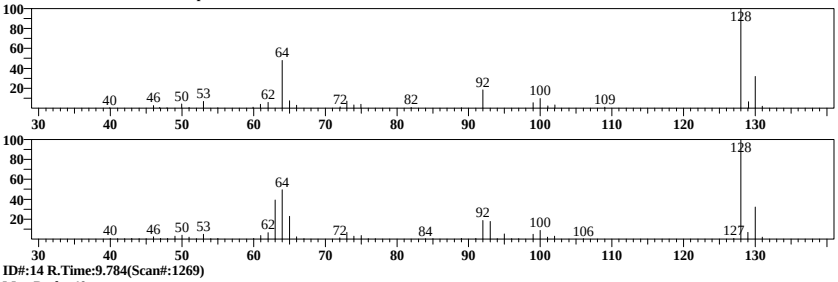
ID#:18 Name:bis(2-Chloroisopropyl) Ether Type:Target No Manual Integration

Mass:45.00 R.T:10.431 Area:295426 Conc:25.07010ppm
Event:1:Scan SI:90

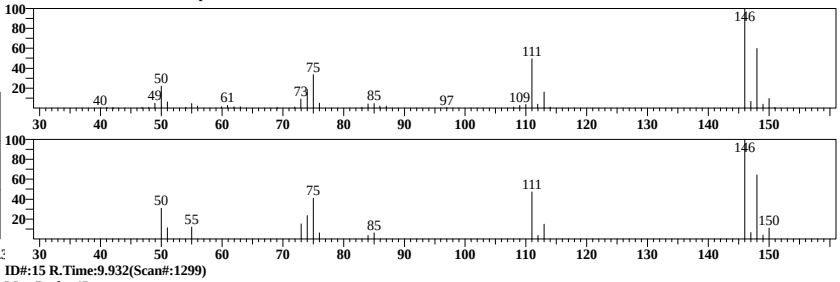
#	m/z	Area	Ratio	Reference
1	41.00	54231	43.62	39.13
2	121.00	23578	18.97	18.18



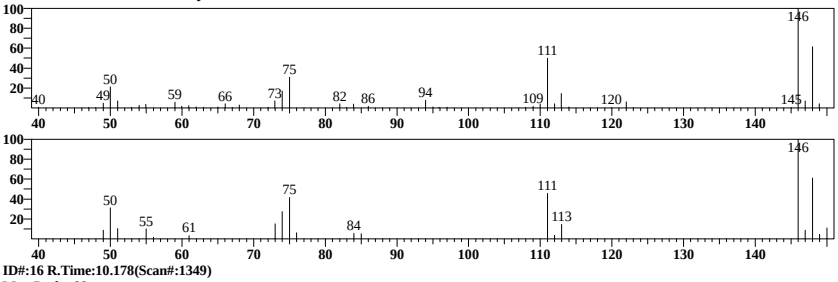
ID#:13 R.Time:9.529(Scan#:1217)
MassPeaks:30
RawMode:Averaged 9.519-9.539(1215-1219)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



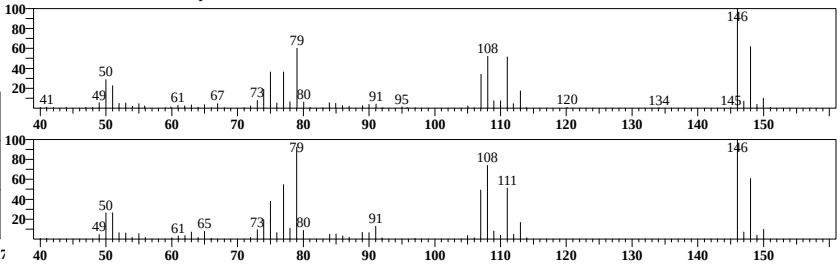
ID#:14 R.Time:9.784(Scan#:1269)
MassPeaks:40
RawMode:Averaged 9.774-9.794(1267-1271)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



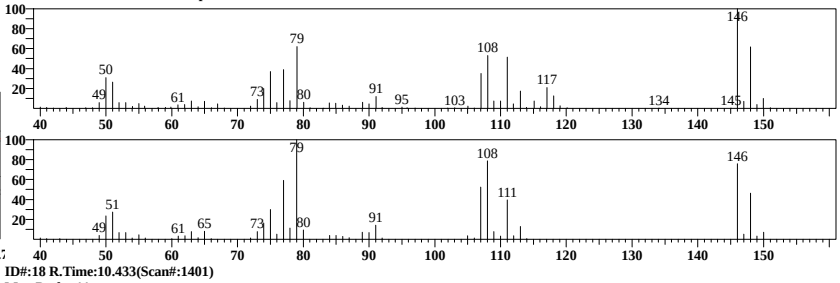
ID#:15 R.Time:9.932(Scan#:1299)
MassPeaks:45
RawMode:Averaged 9.922-9.942(1297-1301)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



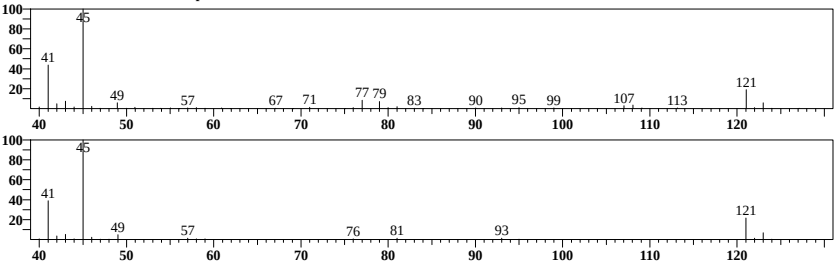
ID#:16 R.Time:10.178(Scan#:1349)
MassPeaks:66
RawMode:Averaged 10.168-10.188(1347-1351)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:17 R.Time:10.178(Scan#:1349)
MassPeaks:73
RawMode:Averaged 10.168-10.188(1347-1351)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



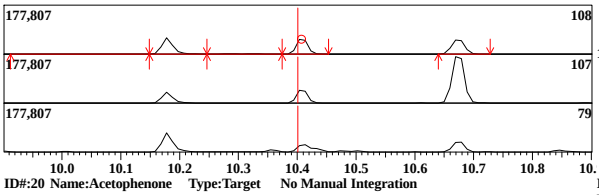
ID#:18 R.Time:10.433(Scan#:1401)
MassPeaks:44
RawMode:Averaged 10.424-10.443(1399-1403)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:19 Name:2-Methylphenol (o-Cresol) Type:Target No Manual Integration

Mass:108.00 R.T:10.408 Area:78333 Conc:12.17569ppm
Event:1:Scan SI:80

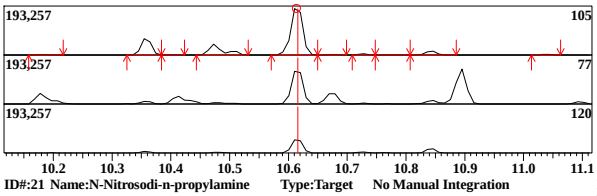
#	m/z	Area	Ratio	Reference
1	107.00	34010	86.80	84.56
2	79.00	17384	44.37	35.28



ID#:20 Name:Acetophenone Type:Target No Manual Integration

Mass:105.00 R.T:10.614 Area:271373 Conc:28.68227ppm
Event:1:Scan SI:91

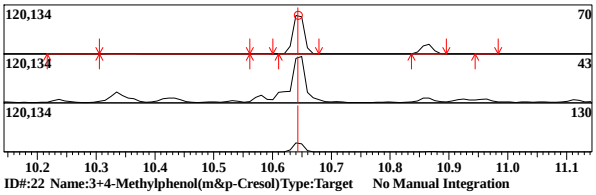
#	m/z	Area	Ratio	Reference
1	77.00	94602	69.39	73.31
2	120.00	38060	27.92	24.48



ID#:21 Name:N-Nitrosodi-n-propylamine Type:Target No Manual Integration

Mass:70.00 R.T:10.644 Area:131421 Conc:27.02045ppm
Event:1:Scan SI:73

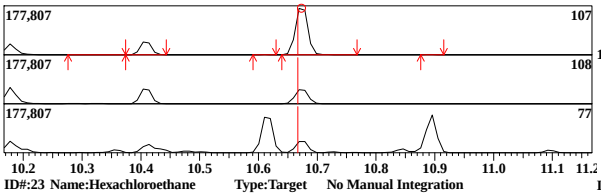
#	m/z	Area	Ratio	Reference
1	43.00	65476	95.78	109.00
2	130.00	15812	23.13	17.19



ID#:22 Name:3+4-Methylphenol(m&p-Cresol) Type:Target No Manual Integration

Mass:107.00 R.T:10.673 Area:260981 Conc:37.80690ppm
Event:1:Scan SI:76

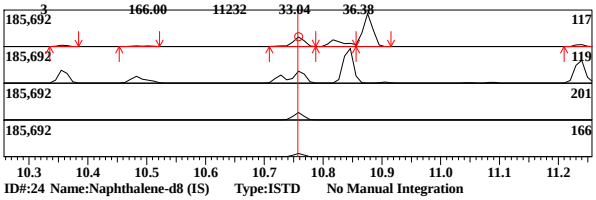
#	m/z	Area	Ratio	Reference
1	108.00	40769	* 31.62	95.43
2	77.00	30261	23.47	31.91



ID#:23 Name:Hexachloroethane Type:Target No Manual Integration

Mass:117.00 R.T:10.759 Area:69013 Conc:24.21759ppm
Event:1:Scan SI:94

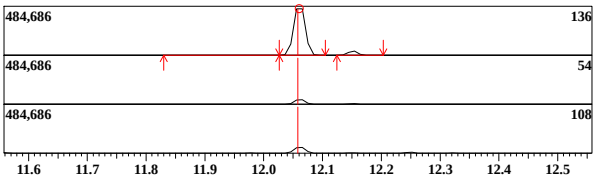
#	m/z	Area	Ratio	Reference
1	119.00	42488	* 124.98	92.41
2	201.00	24796	72.94	78.73
3	166.00	11232	33.04	36.38



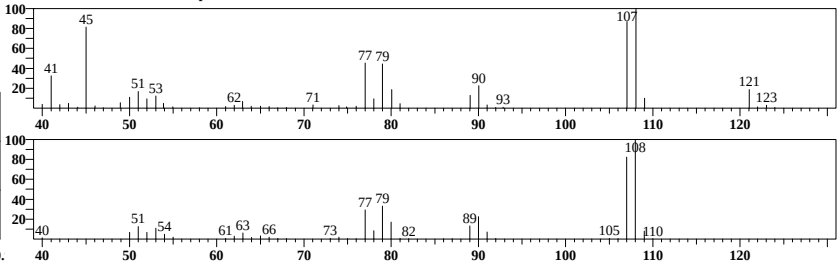
ID#:24 Name:Naphthalene-d8 (IS) Type:ISTD No Manual Integration

Mass:136.00 R.T:12.061 Area:689381 Conc:40.00000ppm
Event:1:Scan SI:97

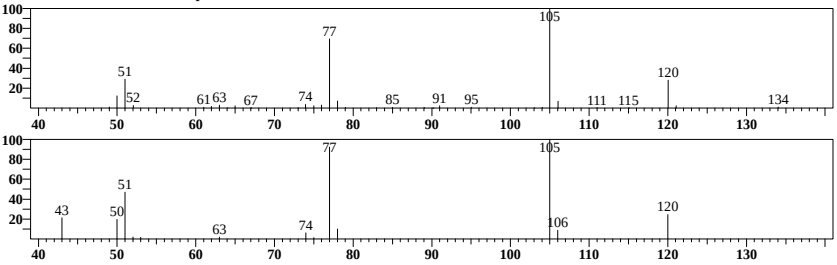
#	m/z	Area	Ratio	Reference
1	54.00	32040	9.30	11.97
2	108.00	42732	12.40	12.20



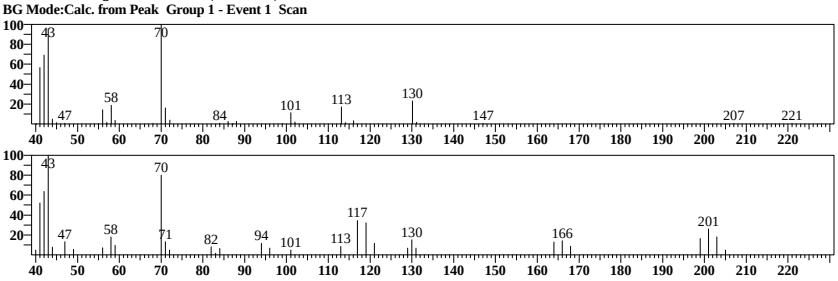
ID#:19 R.Time:10.404(Scan#:1395)
MassPeaks:45
RawMode:Averaged 10.394-10.414(1393-1397)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



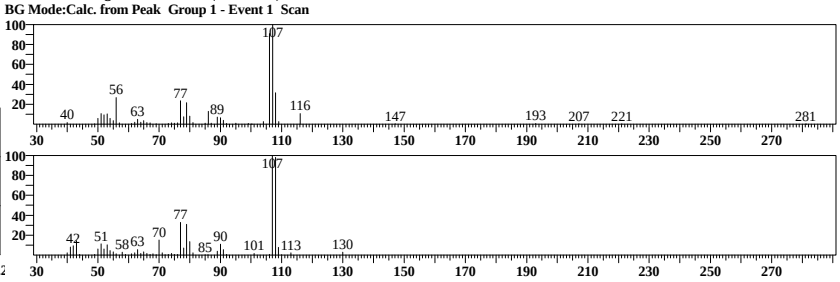
ID#:20 R.Time:10.610(Scan#:1437)
MassPeaks:32
RawMode:Averaged 10.601-10.620(1435-1439)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



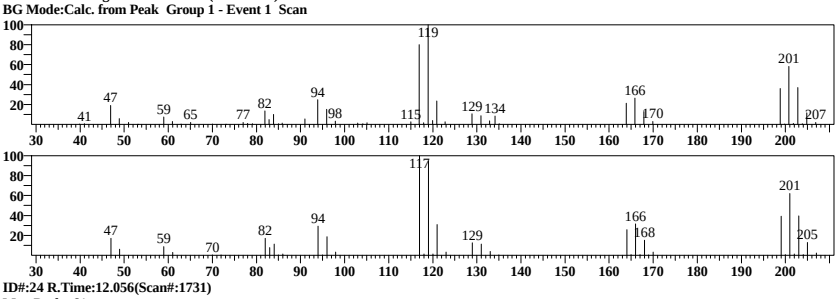
ID#:21 R.Time:10.640(Scan#:1443)
MassPeaks:31
RawMode:Averaged 10.630-10.650(1441-1445)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



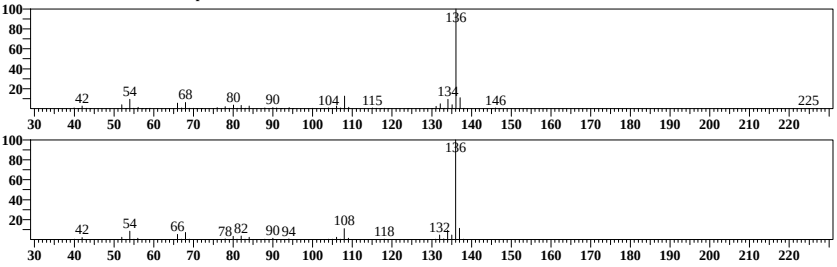
ID#:22 R.Time:10.669(Scan#:1449)
MassPeaks:48
RawMode:Averaged 10.660-10.679(1447-1451)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:23 R.Time:10.758(Scan#:1467)
MassPeaks:51
RawMode:Averaged 10.748-10.768(1465-1469)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



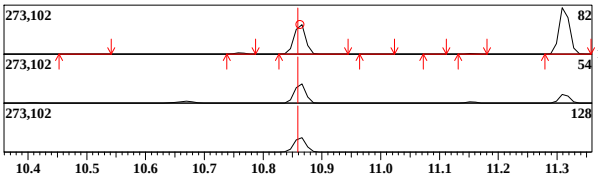
ID#:24 R.Time:12.056(Scan#:1731)
MassPeaks:61
RawMode:Averaged 12.046-12.066(1729-1733)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:25 Name:Nitrobenzene-d5 Type:Surrogate/SMC No Manual Integration

Mass:82.00 R.T:10.863 Area:233582 Conc:36.40759ppm
Event:1:Scan SI:74

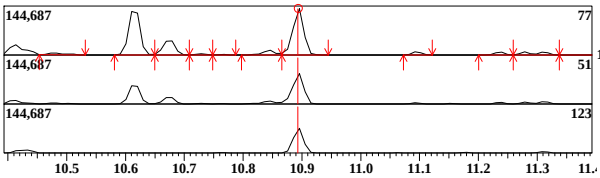
#	m/z	Area	Ratio	Reference
1	54.00	75987	64.57	65.85
2	128.00	58392	49.62	43.44



ID#:26 Name:Nitrobenzene Type:Target No Manual Integration

Mass:77.00 R.T:10.894 Area:176798 Conc:26.21016ppm
Event:1:Scan SI:92

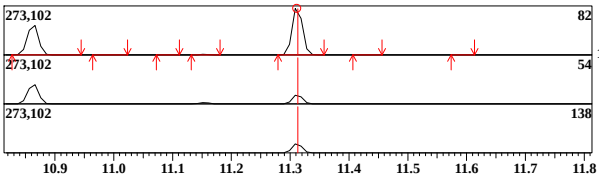
#	m/z	Area	Ratio	Reference
1	51.00	57577	64.87	61.12
2	123.00	48175	54.28	46.32



ID#:27 Name:Isophorone Type:Target No Manual Integration

Mass:82.00 R.T:11.311 Area:332977 Conc:25.06397ppm
Event:1:Scan SI:92

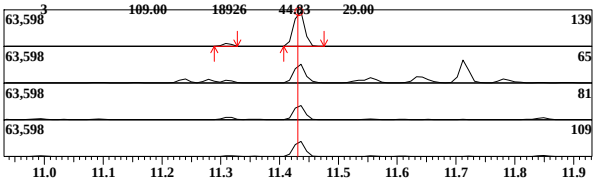
#	m/z	Area	Ratio	Reference
1	54.00	33683	19.28	19.87
2	138.00	34385	19.68	14.87



ID#:28 Name:2-Nitrophenol Type:Target No Manual Integration

Mass:139.00 R.T:11.433 Area:81068 Conc:24.51720ppm
Event:1:Scan SI:92

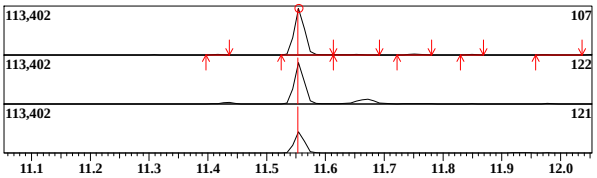
#	m/z	Area	Ratio	Reference
1	65.00	22970	54.40	55.00
2	81.00	17916	42.43	33.00
3	109.00	18926	44.83	29.00



ID#:29 Name:2,4-Dimethylphenol Type:Target No Manual Integration

Mass:107.00 R.T:11.555 Area:133393 Conc:18.48182ppm
Event:1:Scan SI:96

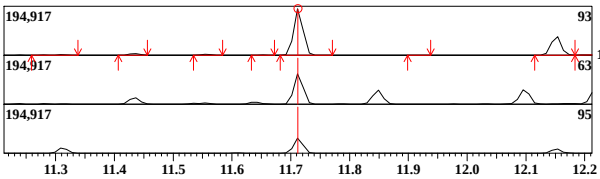
#	m/z	Area	Ratio	Reference
1	122.00	60435	87.06	82.87
2	121.00	31816	45.83	42.24



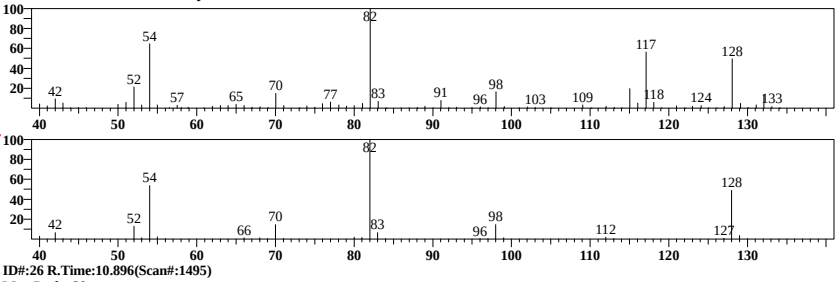
ID#:30 Name:Bis(2-Chloroethoxy)methane Type:Target No Manual Integration

Mass:93.00 R.T:11.713 Area:210259 Conc:24.94170ppm
Event:1:Scan SI:89

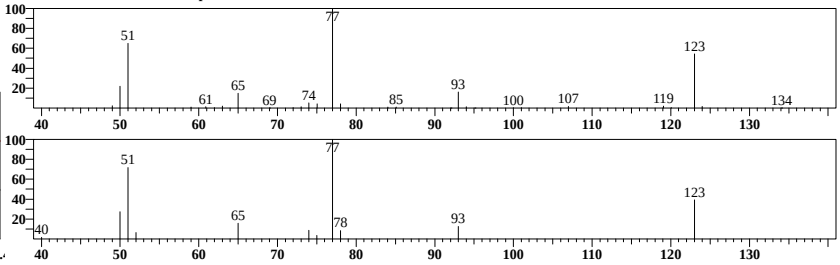
#	m/z	Area	Ratio	Reference
1	63.00	74443	65.46	85.08
2	95.00	37029	32.56	33.16



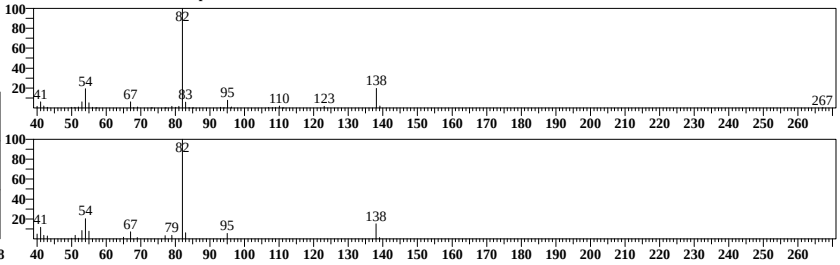
ID#:25 R.Time:10.866(Scan#:1489)
MassPeaks:81
RawMode:Averaged 10.856-10.876(1487-1491)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



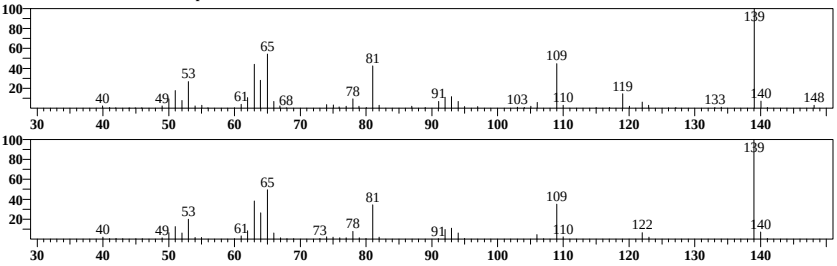
ID#:26 R.Time:10.896(Scan#:1495)
MassPeaks:29
RawMode:Averaged 10.886-10.905(1493-1497)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



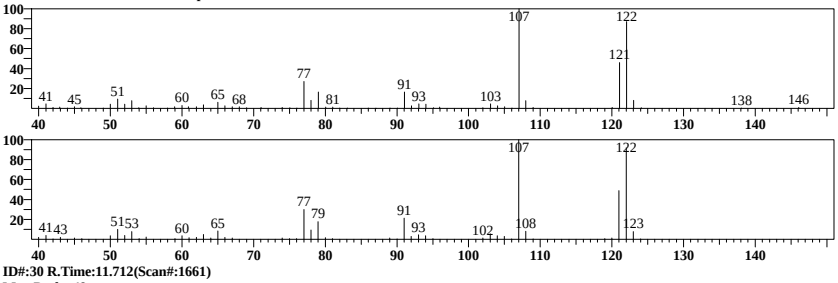
ID#:27 R.Time:11.309(Scan#:1579)
MassPeaks:37
RawMode:Averaged 11.299-11.318(1577-1581)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



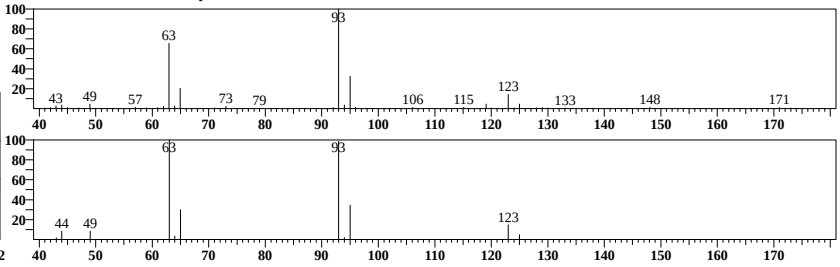
ID#:28 R.Time:11.436(Scan#:1605)
MassPeaks:60
RawMode:Averaged 11.427-11.446(1603-1607)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:29 R.Time:11.554(Scan#:1629)
MassPeaks:62
RawMode:Averaged 11.544-11.564(1627-1631)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



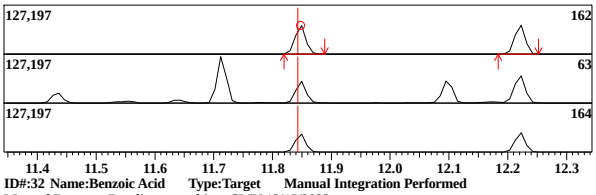
ID#:30 R.Time:11.712(Scan#:1661)
MassPeaks:49
RawMode:Averaged 11.702-11.722(1659-1663)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:31 Name:2,4-Dichlorophenol Type:Target No Manual Integration

Mass:162.00 R.T:11.848 Area:96654 Conc:21.40774ppm
Event:1:Scan SI:97

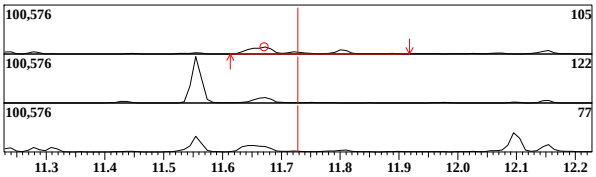
#	m/z	Area	Ratio	Reference
1	63.00	37270	74.84	59.00
2	164.00	31409	63.07	65.54



ID#:32 Name:Benzoic Acid Type:Target Manual Integration Performed
Manual Reason: Baseline smoothing. CMN 12/15/2022

Mass:105.00 R.T:11.671 Area:70193 Conc:19.33922ppm
Event:1:Scan SI:55

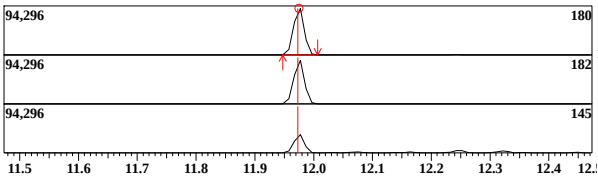
#	m/z	Area	Ratio	Reference
1	122.00	9155	71.76	76.85
2	77.00	9650	75.64	75.23



ID#:33 Name:1,2,4-Trichlorobenzene Type:Target No Manual Integration

Mass:180.00 R.T:11.975 Area:115869 Conc:24.24537ppm
Event:1:Scan SI:97

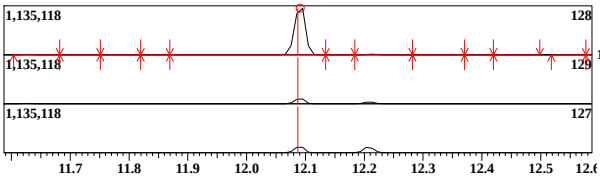
#	m/z	Area	Ratio	Reference
1	182.00	56669	92.69	91.21
2	145.00	23534	38.49	29.06



ID#:34 Name:Naphthalene Type:Target No Manual Integration

Mass:128.00 R.T:12.091 Area:1480378 Conc:62.74839ppm
Event:2:SIM SI:93

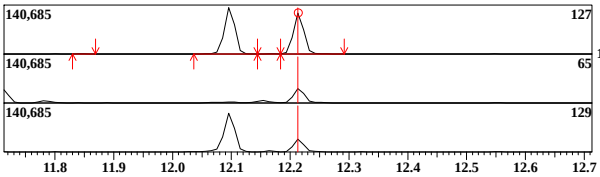
#	m/z	Area	Ratio	Reference
1	129.00	80141	10.72	10.48
2	127.00	92108	12.32	13.97



ID#:35 Name:4-Chloroaniline Type:Target No Manual Integration

Mass:127.00 R.T:12.214 Area:152801 Conc:18.43445ppm
Event:1:Scan SI:95

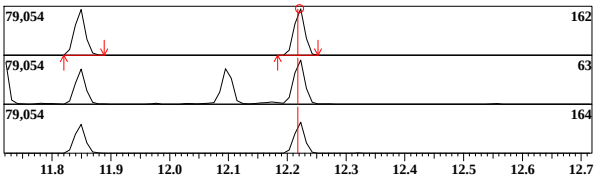
#	m/z	Area	Ratio	Reference
1	65.00	27877	35.55	45.58
2	129.00	24412	31.13	30.27



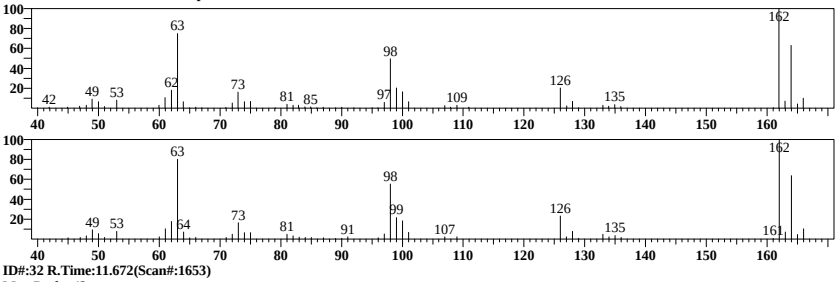
ID#:36 Name:2,6-Dichlorophenol Type:Target No Manual Integration

Mass:162.00 R.T:12.221 Area:97214 Conc:21.89473ppm
Event:1:Scan SI:92

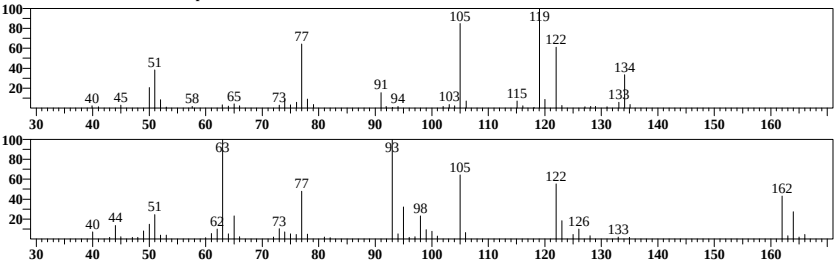
#	m/z	Area	Ratio	Reference
1	63.00	47592	93.23	88.00
2	164.00	33150	64.94	62.85



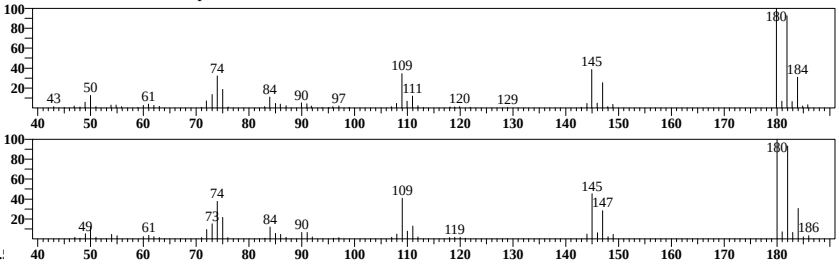
ID#:31 R.Time:11.849(Scan#:1689)
MassPeaks:58
RawMode:Averaged 11.839-11.859(1687-1691)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



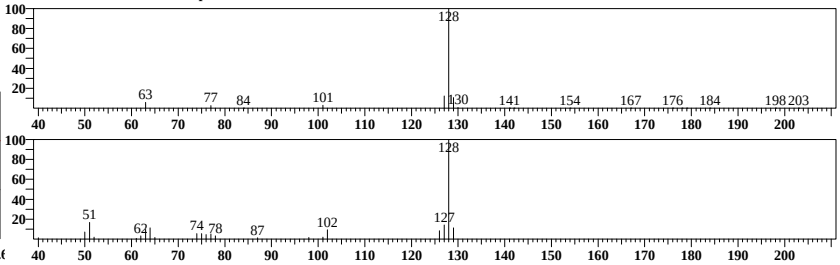
ID#:32 R.Time:11.672(Scan#:1653)
MassPeaks:42
RawMode:Averaged 11.663-11.682(1651-1655)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



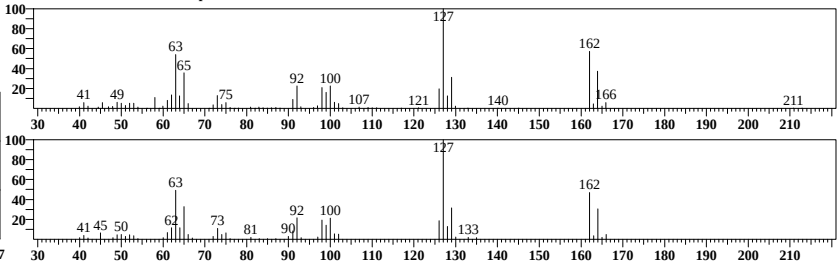
ID#:33 R.Time:11.977(Scan#:1715)
MassPeaks:60
RawMode:Averaged 11.967-11.987(1713-1717)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



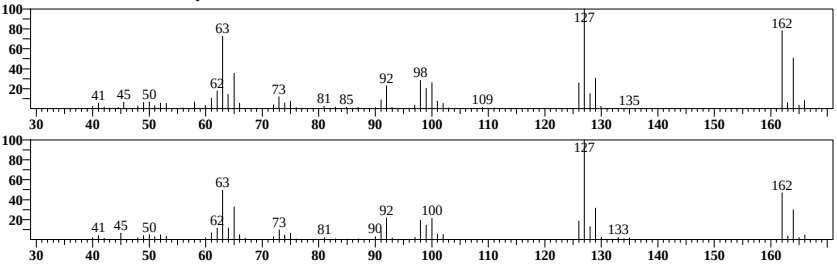
ID#:34 R.Time:12.095(Scan#:1740)
MassPeaks:18
RawMode:Averaged 12.085-12.105(1738-1742)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



ID#:35 R.Time:12.213(Scan#:1763)
MassPeaks:71
RawMode:Averaged 12.203-12.223(1761-1765)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



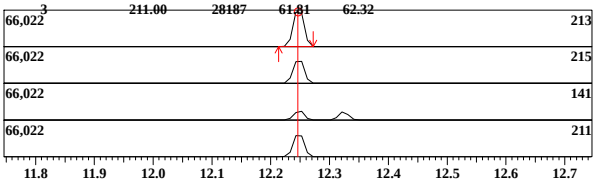
ID#:36 R.Time:12.223(Scan#:1765)
MassPeaks:58
RawMode:Averaged 12.213-12.233(1763-1767)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:37 Name:Hexachloropropene Type:Target No Manual Integration

Mass:213.00 R.T:12.247 Area:88266 Conc:25.23059ppm
Event:1:Scan SI:92

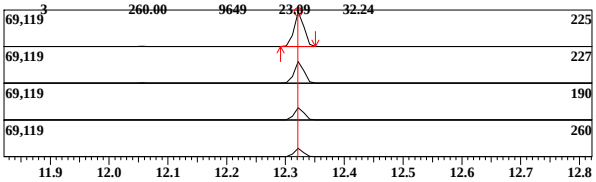
#	m/z	Area	Ratio	Reference
1	215.00	29437	64.55	64.65
2	141.00	10833	23.75	22.52
3	211.00	28187	61.81	62.32



ID#:38 Name:Hexachlorobutadiene Type:Target No Manual Integration

Mass:225.00 R.T:12.322 Area:77511 Conc:23.61912ppm
Event:1:Scan SI:90

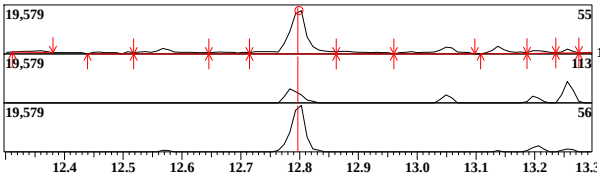
#	m/z	Area	Ratio	Reference
1	227.00	25690	61.49	64.03
2	190.00	14780	35.37	38.21
3	260.00	9649	23.09	32.24



ID#:39 Name:Caprolactam Type:Target No Manual Integration

Mass:55.00 R.T:12.799 Area:39082 Conc:12.55088ppm
Event:1:Scan SI:66

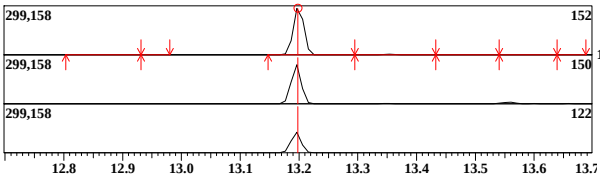
#	m/z	Area	Ratio	Reference
1	113.00	3051	* 24.04	78.00
2	56.00	13756	108.38	79.15



ID#:40 Name:2-Methylnaphthalene-d10 Type:Target No Manual Integration

Mass:152.00 R.T:13.199 Area:374607 Conc:34.18006ppm
Event:2:SIM SI:95

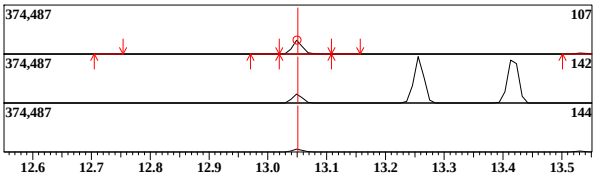
#	m/z	Area	Ratio	Reference
1	150.00	154967	78.92	58.54
2	122.00	82261	41.89	46.34



ID#:41 Name:4-Chloro-3-methylphenol Type:Target No Manual Integration

Mass:107.00 R.T:13.050 Area:129827 Conc:19.70941ppm
Event:1:Scan SI:93

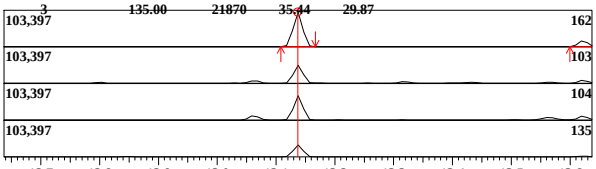
#	m/z	Area	Ratio	Reference
1	142.00	45890	68.43	60.24
2	144.00	14832	22.12	18.55



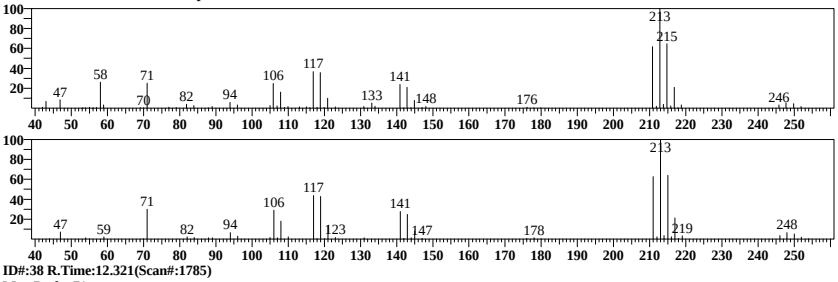
ID#:42 Name:Safrole Type:Target No Manual Integration

Mass:162.00 R.T:13.137 Area:113899 Conc:25.84146ppm
Event:1:Scan SI:97

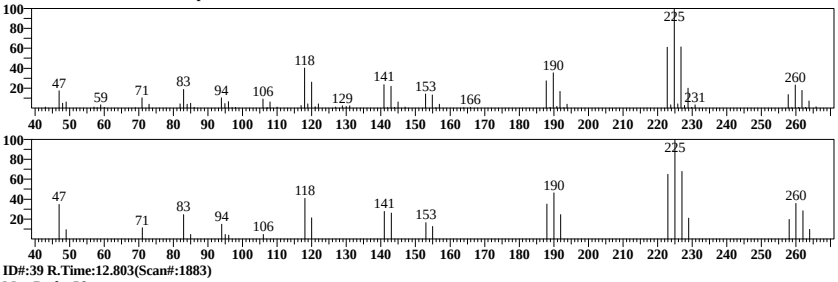
#	m/z	Area	Ratio	Reference
1	103.00	32103	52.03	50.38
2	104.00	43169	69.96	67.22
3	135.00	21870	35.44	29.87



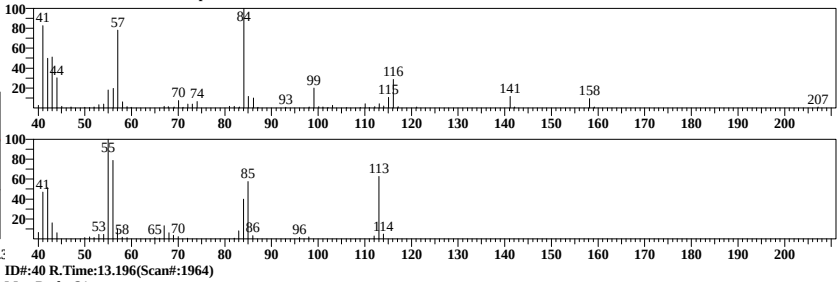
ID#:37 R.Time:12.243(Scan#:1769)
MassPeaks:62
RawMode:Averaged 12.233-12.253(1767-1771)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



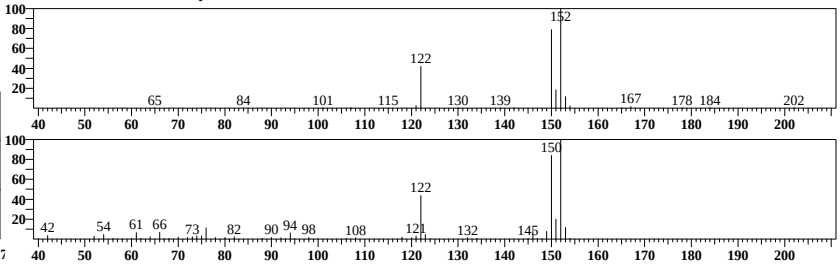
ID#:38 R.Time:12.321(Scan#:1785)
MassPeaks:71
RawMode:Averaged 12.312-12.331(1783-1787)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



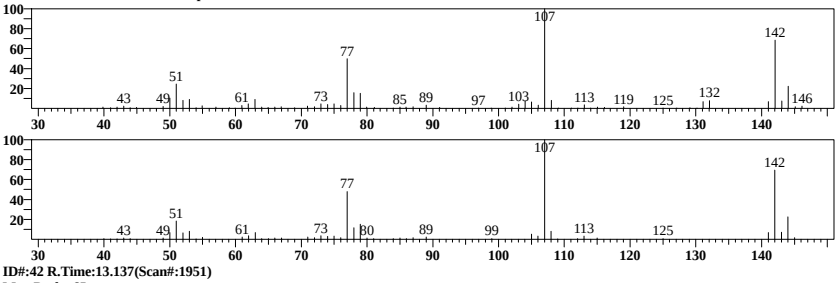
ID#:39 R.Time:12.803(Scan#:1883)
MassPeaks:56
RawMode:Averaged 12.793-12.813(1881-1885)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



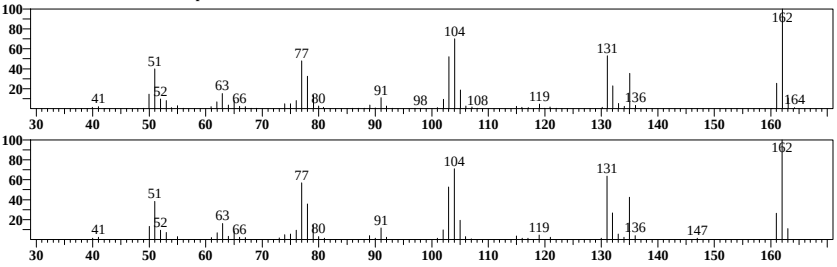
ID#:40 R.Time:13.196(Scan#:1964)
MassPeaks:21
RawMode:Averaged 13.187-13.206(1962-1966)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



ID#:41 R.Time:13.049(Scan#:1933)
MassPeaks:71
RawMode:Averaged 13.039-13.059(1931-1935)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



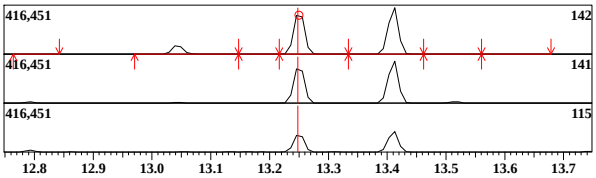
ID#:42 R.Time:13.137(Scan#:1951)
MassPeaks:65
RawMode:Averaged 13.128-13.147(1949-1953)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



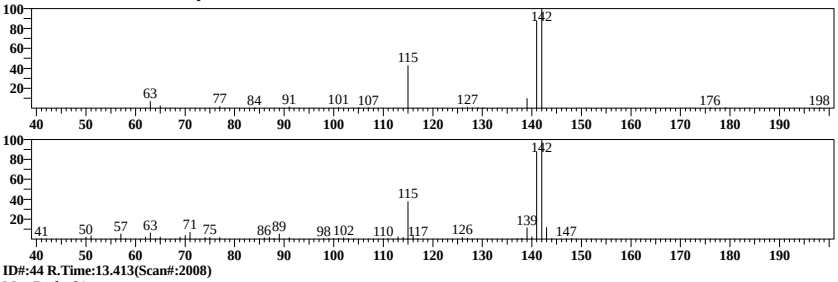
ID#:43 Name:2-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.250 Area:468065 Conc:31.13366ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	141.00	211838	87.58	68.04
2	115.00	103059	42.61	50.52



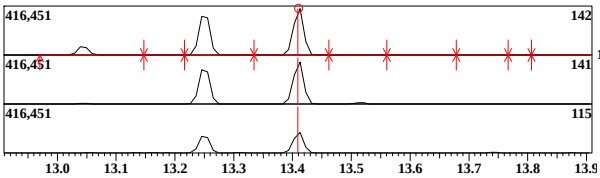
ID#:43 R.Time:13.246(Scan#:1974)
MassPeaks:19
RawMode:Averaged 13.236-13.256(1972-1976)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



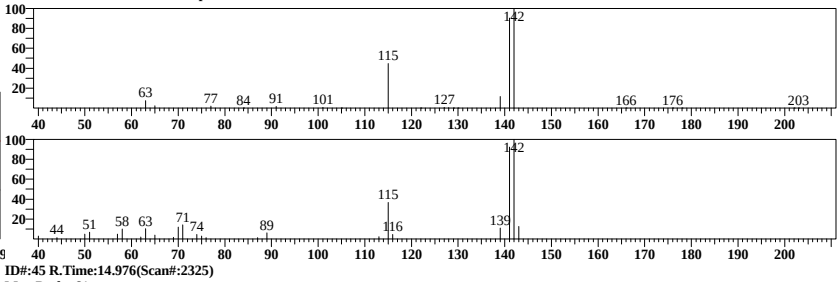
ID#:44 Name:1-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.411 Area:495363 Conc:34.73737ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	141.00	234961	90.24	72.83
2	115.00	116264	44.65	32.61



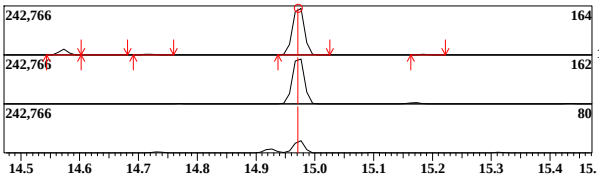
ID#:44 R.Time:13.413(Scan#:2008)
MassPeaks:21
RawMode:Averaged 13.403-13.423(2006-2010)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



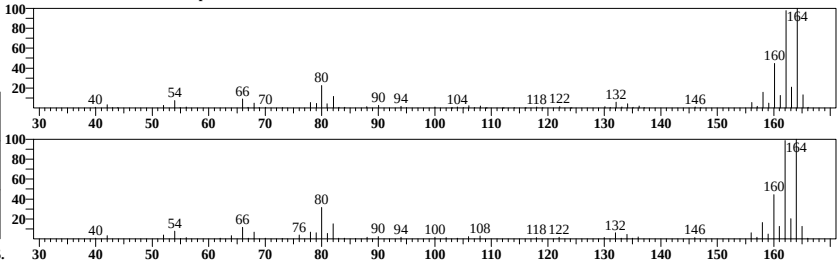
ID#:45 Name:Acenaphthene-d10 (IS) Type:ISTD No Manual Integration

Mass:164.00 R.T:14.972 Area:335817 Conc:40.00000ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	162.00	165191	97.72	95.44
2	80.00	38312	22.66	29.92



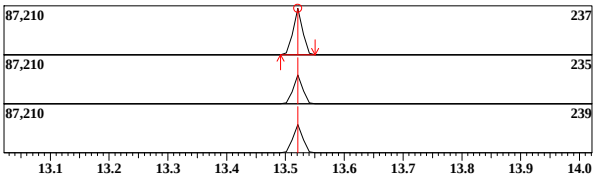
ID#:45 R.Time:14.976(Scan#:2325)
MassPeaks:61
RawMode:Averaged 14.967-14.986(2323-2327)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



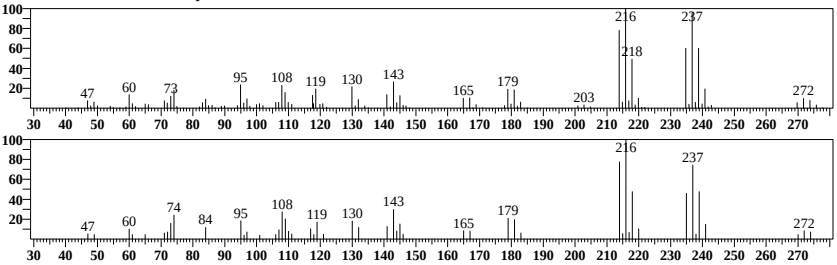
ID#:46 Name:Hexachlorocyclopentadiene Type:Target No Manual Integration

Mass:237.00 R.T:13.521 Area:94596 Conc:26.73459ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	235.00	32050	62.49	58.98
2	239.00	32104	62.59	65.78



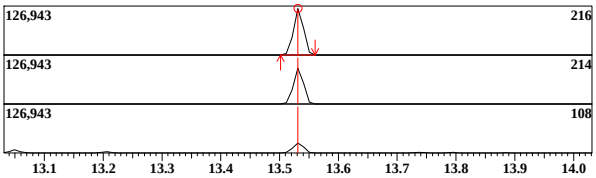
ID#:46 R.Time:13.521(Scan#:2029)
MassPeaks:99
RawMode:Averaged 13.511-13.531(2027-2031)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



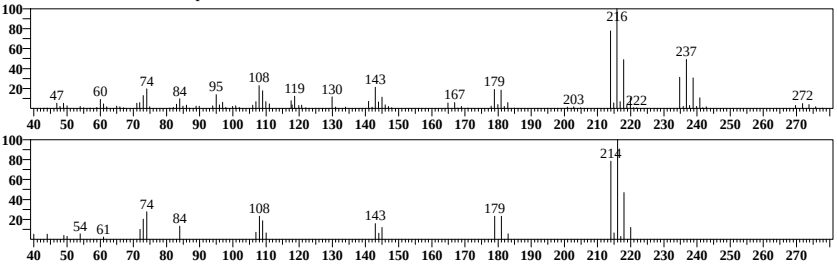
ID#:47 Name:1,2,4,5-Tetrachlorobenzene Type:Target No Manual Integration

Mass:216.00 R.T:13.531 Area:147036 Conc:24.58969ppm
Event:1:Scan SI:75

#	m/z	Area	Ratio	Reference
1	214.00	61501	77.85	78.02
2	108.00	18030	22.82	22.55



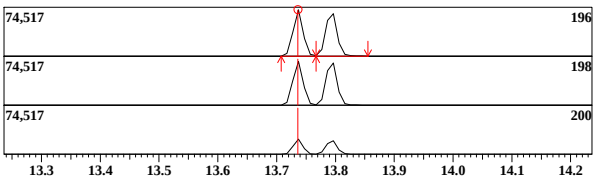
ID#:47 R.Time:13.531(Scan#:2031)
MassPeaks:99
RawMode:Averaged 13.521-13.541(2029-2033)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



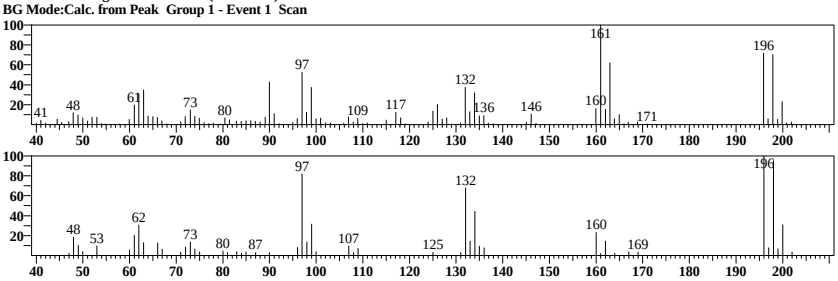
ID#:48 Name:2,4,6-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.737 Area:84629 Conc:23.93414ppm
Event:1:Scan SI:75

#	m/z	Area	Ratio	Reference
1	198.00	43380	98.23	94.42
2	200.00	14346	32.48	32.47



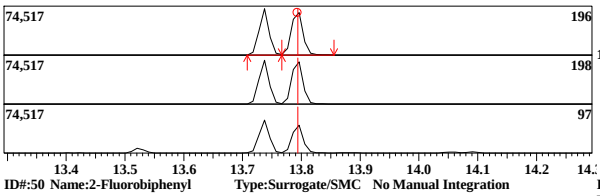
ID#:48 R.Time:13.737(Scan#:2073)
MassPeaks:103
RawMode:Averaged 13.727-13.747(2071-2075)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:49 Name:2,4,5-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.793 Area:92229 Conc:23.93505ppm
Event:1:Scan SI:95

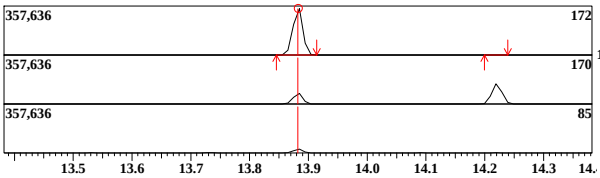
#	m/z	Area	Ratio	Reference
1	198.00	45315	98.53	97.81
2	97.00	28824	62.67	65.15



ID#:50 Name:2-Fluorobiphenyl Type:Surrogate/SMC No Manual Integration

Mass:172.00 R.T:13.883 Area:410406 Conc:33.70369ppm
Event:1:Scan SI:98

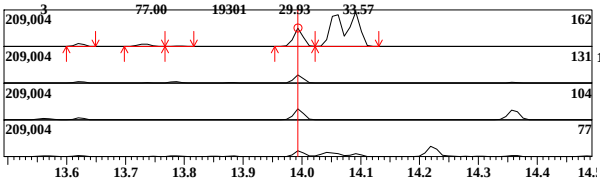
#	m/z	Area	Ratio	Reference
1	170.00	50190	23.03	22.48
2	85.00	18091	8.30	9.13



ID#:51 Name:Isosafrole Type:Target No Manual Integration

Mass:162.00 R.T:13.994 Area:118976 Conc:24.88791ppm
Event:1:Scan SI:97

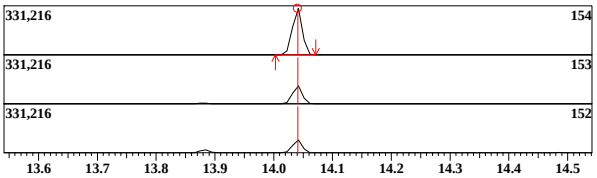
#	m/z	Area	Ratio	Reference
1	131.00	28976	44.93	42.54
2	104.00	39536	61.30	57.35
3	77.00	19301	29.93	33.57



ID#:52 Name:1,1'-Biphenyl Type:Target No Manual Integration

Mass:154.00 R.T:14.041 Area:377224 Conc:24.89678ppm
Event:1:Scan SI:95

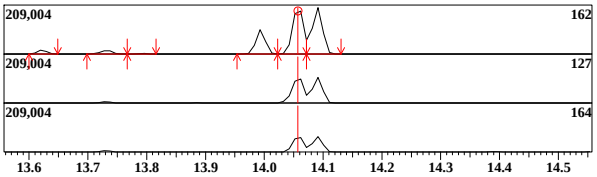
#	m/z	Area	Ratio	Reference
1	153.00	78194	38.70	38.49
2	152.00	55323	27.38	28.01



ID#:53 Name:2-Chloronaphthalene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/15/2022

Mass:162.00 R.T:14.058 Area:270390 Conc:23.00336ppm
Event:1:Scan SI:86

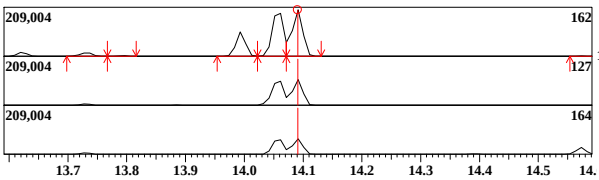
#	m/z	Area	Ratio	Reference
1	127.00	50031	55.12	48.49
2	164.00	30269	33.34	32.94



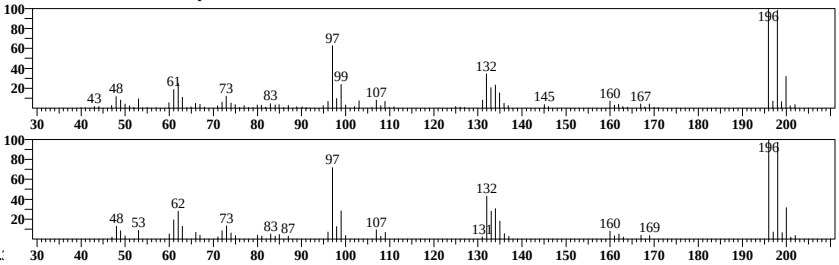
ID#:54 Name:1-Chloronaphthalene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/15/2022

Mass:162.00 R.T:14.090 Area:237969 Conc:25.86391ppm
Event:1:Scan SI:96

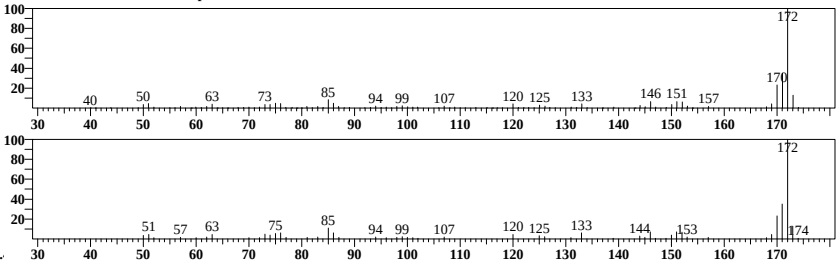
#	m/z	Area	Ratio	Reference
1	127.00	50515	54.81	48.49
2	164.00	30362	32.94	32.94



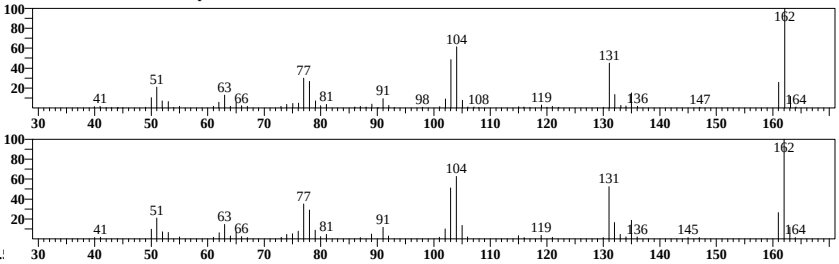
ID#:49 R.Time:13.796(Scan#:2085)
MassPeaks:86
RawMode:Averaged 13.787-13.806(2083-2087)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



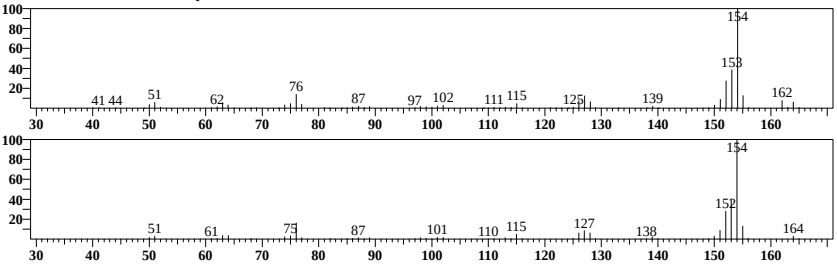
ID#:50 R.Time:13.885(Scan#:2103)
MassPeaks:96
RawMode:Averaged 13.875-13.895(2101-2105)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



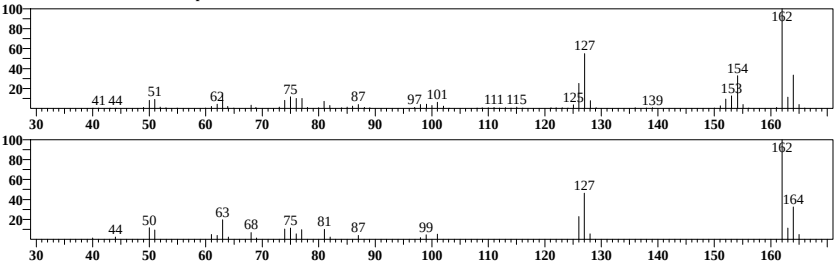
ID#:51 R.Time:13.993(Scan#:2125)
MassPeaks:65
RawMode:Averaged 13.983-14.003(2123-2127)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



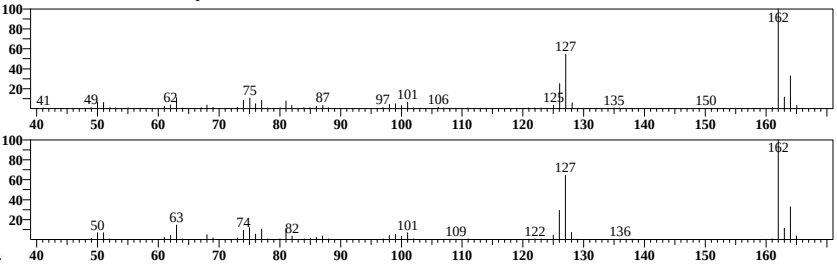
ID#:52 R.Time:14.042(Scan#:2135)
MassPeaks:66
RawMode:Averaged 14.032-14.052(2133-2137)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:53 R.Time:14.062(Scan#:2139)
MassPeaks:74
RawMode:Averaged 14.052-14.072(2137-2141)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



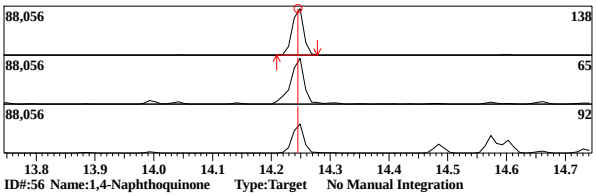
ID#:54 R.Time:14.091(Scan#:2145)
MassPeaks:68
RawMode:Averaged 14.082-14.101(2143-2147)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



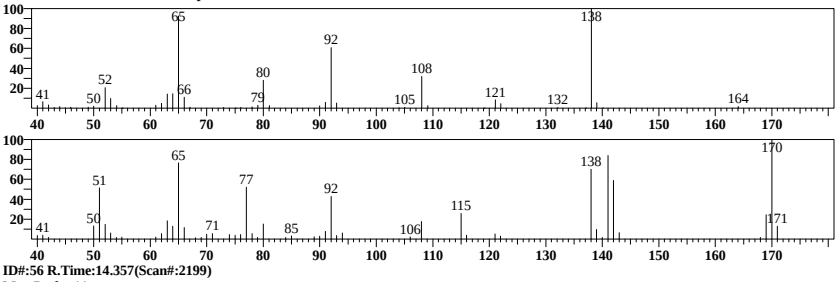
ID#:55 Name:2-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.246 Area:114756 Conc:27.12215ppm
Event:1:Scan SI:57

#	m/z	Area	Ratio	Reference
1	65.00	53948	92.69	101.46
2	92.00	35399	60.82	55.64



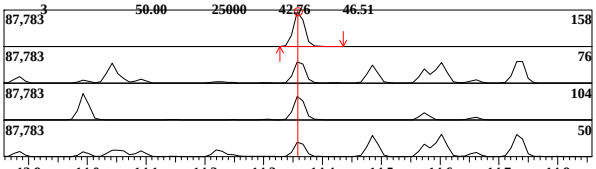
ID#:55 R.Time:14.249(Scan#:2177)
MassPeaks:44
RawMode:Averaged 14.239-14.259(2175-2179)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



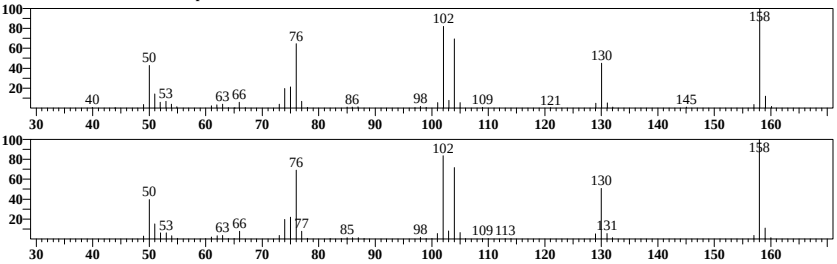
ID#:56 Name:1,4-Naphthoquinone Type:Target No Manual Integration

Mass:158.00 R.T:14.359 Area:114172 Conc:24.41595ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	76.00	37800	64.65	68.34
2	104.00	40528	69.31	74.24
3	50.00	25000	42.76	46.51

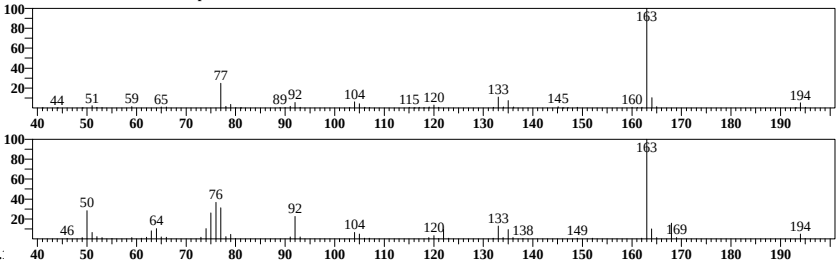


ID#:56 R.Time:14.357(Scan#:2199)
MassPeaks:44
RawMode:Averaged 14.347-14.367(2197-2201)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



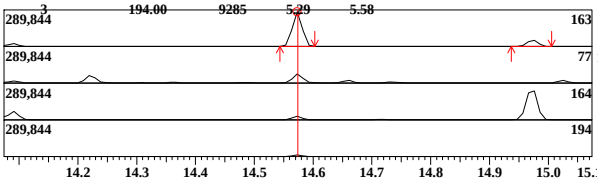
ID#:57 Name:Dimethyl phthalate Type:Target No Manual Integration

ID#:57 R.Time:14.573(Scan#:2243)
MassPeaks:49
RawMode:Averaged 14.563-14.583(2241-2245)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



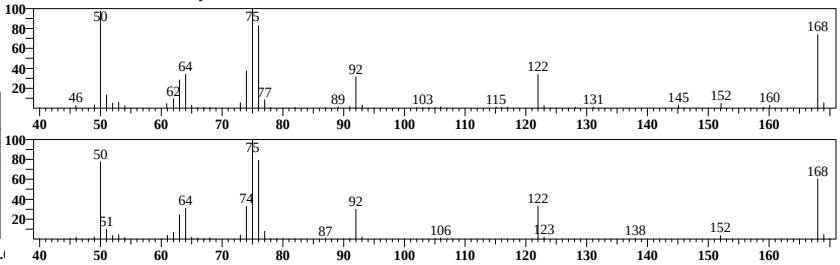
Mass:163.00 R.T:14.573 Area:323781 Conc:26.45058ppm
Event:1:Scan SI:70

#	m/z	Area	Ratio	Reference
1	77.00	43225	24.61	29.31
2	164.00	17851	10.16	10.65
3	194.00	9285	5.29	5.58



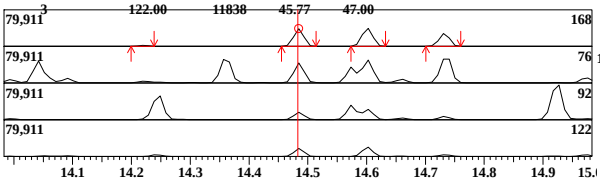
ID#:58 Name:1,3-Dinitrobenzene Type:Target No Manual Integration

ID#:58 R.Time:14.485(Scan#:2225)
MassPeaks:47
RawMode:Averaged 14.475-14.495(2223-2227)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



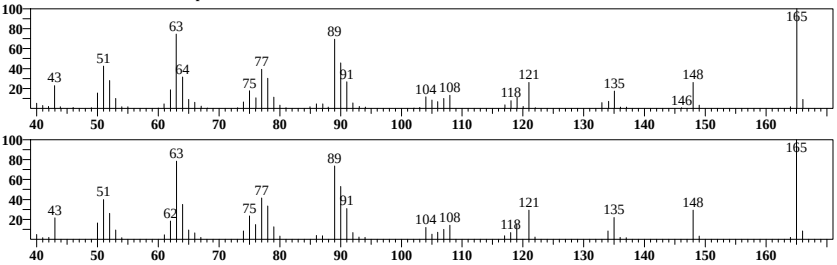
Mass:168.00 R.T:14.485 Area:48464 Conc:27.27298ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	76.00	28980	112.04	100.00
2	92.00	11061	42.76	44.00
3	122.00	11838	45.77	47.00



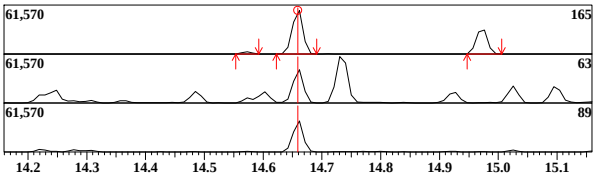
ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT) Type:Target No Manual Integration

ID#:59 R.Time:14.662(Scan#:2261)
MassPeaks:65
RawMode:Averaged 14.652-14.672(2259-2263)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



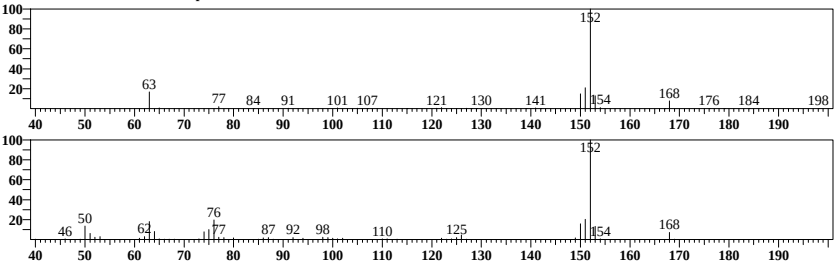
Mass:165.00 R.T:14.659 Area:71694 Conc:27.31590ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	63.00	27605	74.46	89.00
2	89.00	25800	69.59	65.00



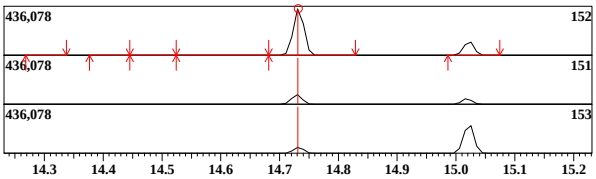
ID#:60 Name:Acenaphthylene Type:Target No Manual Integration

ID#:60 R.Time:14.731(Scan#:2276)
MassPeaks:29
RawMode:Averaged 14.721-14.740(2274-2278)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



Mass:152.00 R.T:14.732 Area:548908 Conc:26.72850ppm
Event:2:SIM SI:97

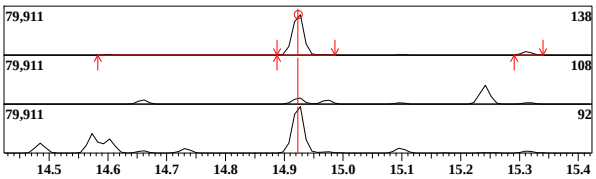
#	m/z	Area	Ratio	Reference
1	151.00	59809	20.84	14.97
2	153.00	36863	12.85	5.44



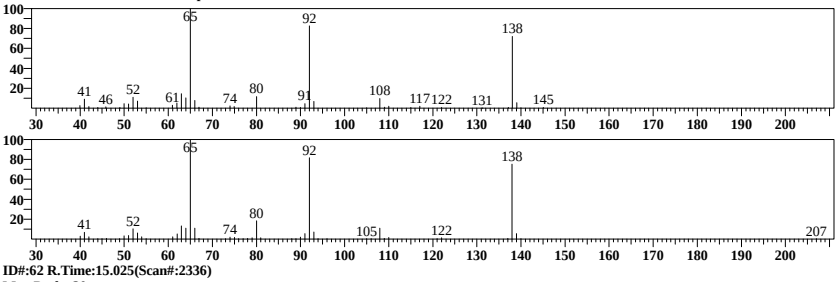
ID#:61 Name:3-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.924 Area:94886 Conc:26.94360ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	108.00	6315	13.51	16.00
2	92.00	53662	114.82	101.00



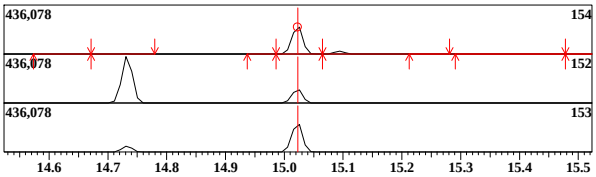
ID#:61 R.Time:14.927(Scan#:2315)
MassPeaks:39
RawMode:Averaged 14.917-14.937(2313-2317)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



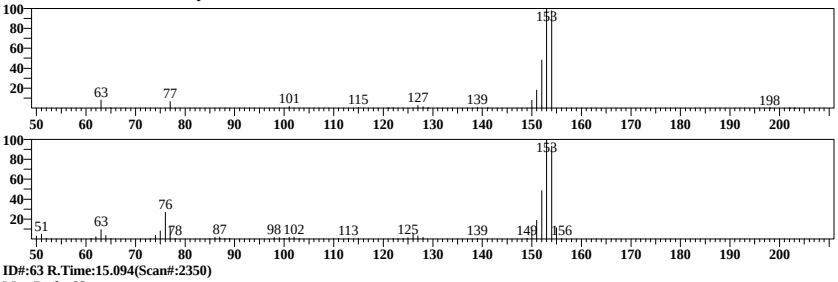
ID#:62 Name:Acenaphthene Type:Target No Manual Integration

Mass:154.00 R.T:15.023 Area:322887 Conc:23.69330ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	152.00	82446	49.40	59.49
2	153.00	170849	102.36	105.06



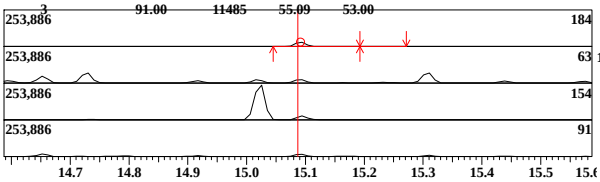
ID#:62 R.Time:15.025(Scan#:2336)
MassPeaks:20
RawMode:Averaged 15.016-15.035(2334-2338)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



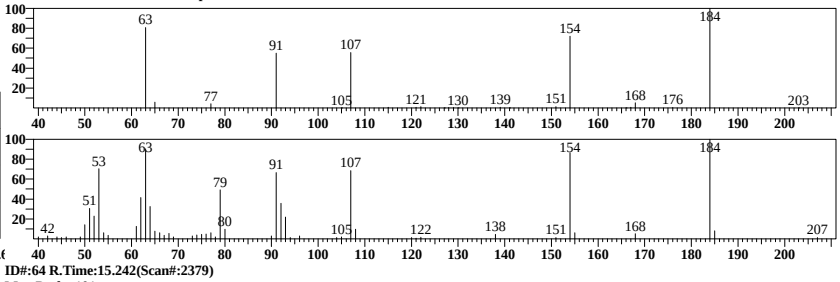
ID#:63 Name:2,4-Dinitrophenol Type:Target No Manual Integration

Mass:184.00 R.T:15.092 Area:42427 Conc:29.10862ppm
Event:2:SIM SI:95

#	m/z	Area	Ratio	Reference
1	63.00	16855	80.85	90.00
2	154.00	15007	71.99	64.00
3	91.00	11485	55.09	53.00



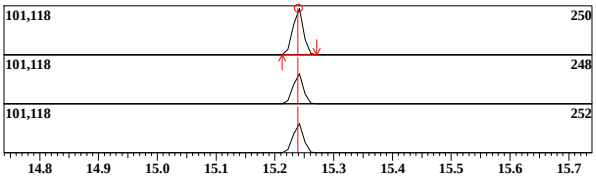
ID#:63 R.Time:15.094(Scan#:2350)
MassPeaks:23
RawMode:Averaged 15.085-15.104(2348-2352)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



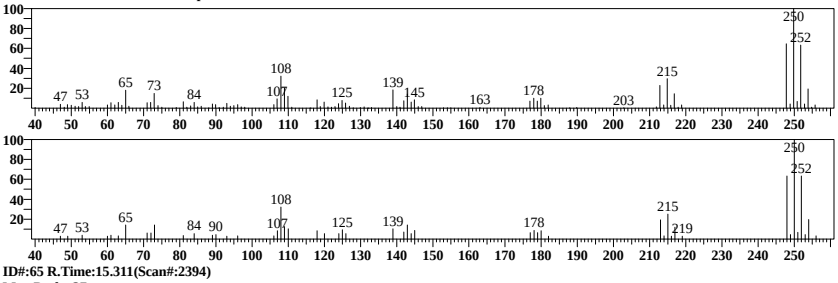
ID#:64 Name:Pentachlorobenzene Type:Target No Manual Integration

Mass:250.00 R.T:15.240 Area:120662 Conc:26.10575ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	248.00	40847	64.50	63.33
2	252.00	40133	63.37	65.87



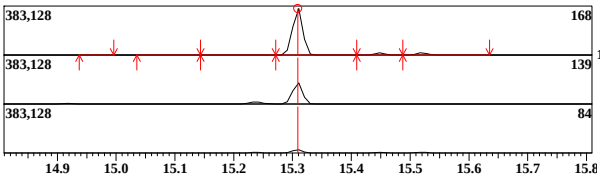
ID#:64 R.Time:15.242(Scan#:2379)
MassPeaks:101
RawMode:Averaged 15.232-15.252(2377-2381)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



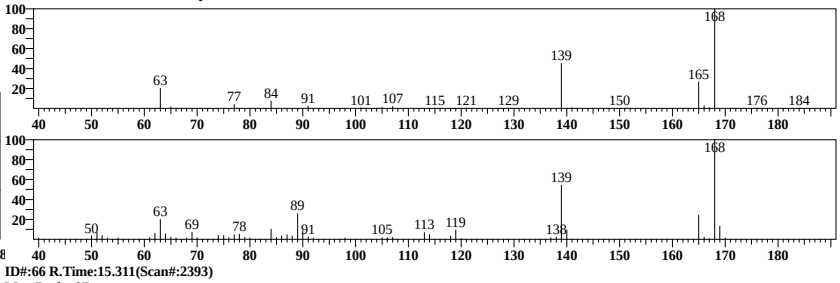
ID#:65 Name:Dibenzofuran Type:Target No Manual Integration

Mass:168.00 R.T:15.309 Area:451847 Conc:24.84324ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	139.00	107446	45.09	44.93
2	84.00	17883	7.50	10.15



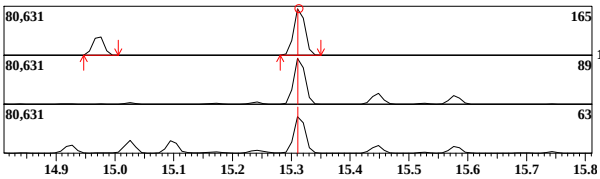
ID#:65 R.Time:15.311(Scan#:2394)
MassPeaks:27
RawMode:Averaged 15.301-15.320(2392-2396)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



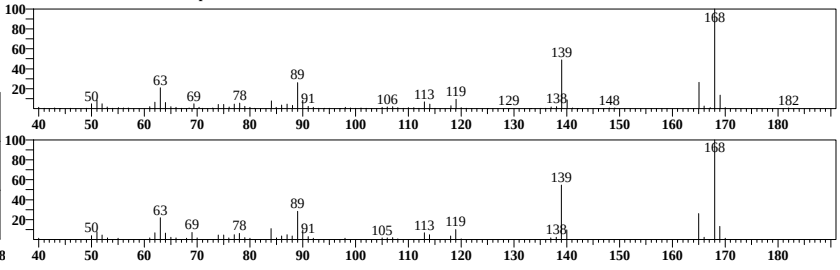
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT) Type:Target No Manual Integration

Mass:165.00 R.T:15.313 Area:103801 Conc:27.41268ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	89.00	53307	98.36	96.00
2	63.00	42601	78.61	80.00



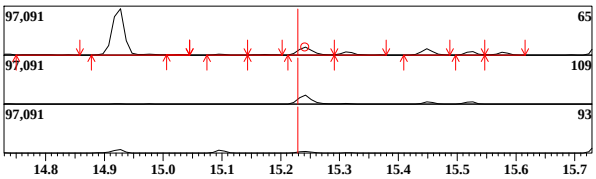
ID#:66 R.Time:15.311(Scan#:2393)
MassPeaks:87
RawMode:Averaged 15.301-15.320(2391-2395)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:67 Name:4-Nitrophenol Type:Target No Manual Integration

Mass:65.00 R.T:15.241 Area:29068 Conc:12.33087ppm
Event:1:Scan SI:52

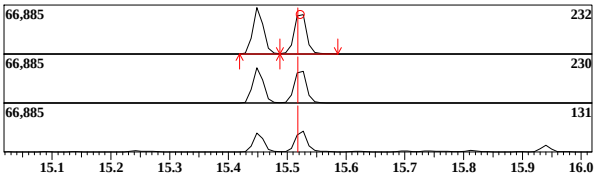
#	m/z	Area	Ratio	Reference
1	109.00	13414	111.46	97.00
2	93.00	3030	25.18	21.72



ID#:68 Name:2,3,4,6-Tetrachlorophenol Type:Target No Manual Integration

Mass:232.00 R.T:15.522 Area:81517 Conc:25.01867ppm
Event:1:Scan SI:94

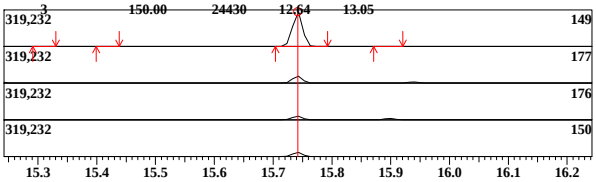
#	m/z	Area	Ratio	Reference
1	230.00	31281	79.65	75.09
2	131.00	19672	50.09	41.75



ID#:69 Name:Diethyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:15.742 Area:362342 Conc:27.17483ppm
Event:1:Scan SI:97

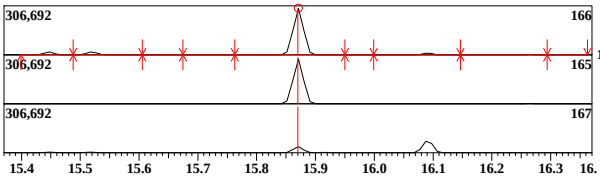
#	m/z	Area	Ratio	Reference
1	177.00	39887	20.64	23.56
2	176.00	20874	10.80	10.95
3	150.00	24430	12.64	13.05



ID#:70 Name:FluoreneType:Target No Manual Integration

Mass:166.00 R.T:15.871 Area:369967 Conc:24.96598ppm
Event:2:SIM SI:96

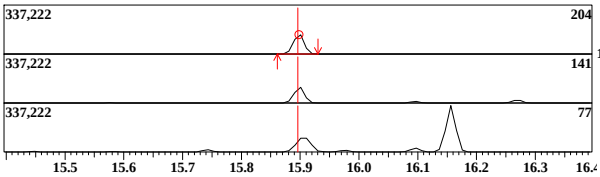
#	m/z	Area	Ratio	Reference
1	165.00	187680	95.91	75.42
2	167.00	25876	13.22	3.39



ID#:71 Name:4-Chlorophenyl phenyl ether Type:Target No Manual Integration

Mass:204.00 R.T:15.898 Area:178081 Conc:26.99427ppm
Event:1:Scan SI:69

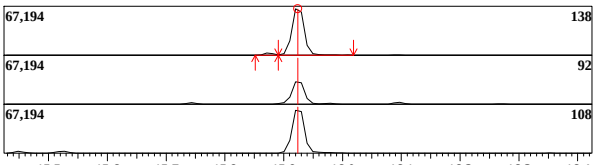
#	m/z	Area	Ratio	Reference
1	141.00	72692	78.68	98.00
2	77.00	74115	80.22	53.19



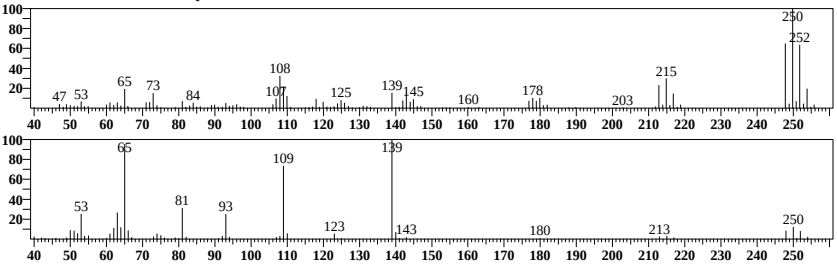
ID#:72 Name:4-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:15.924 Area:97663 Conc:29.79438ppm
Event:1:Scan SI:51

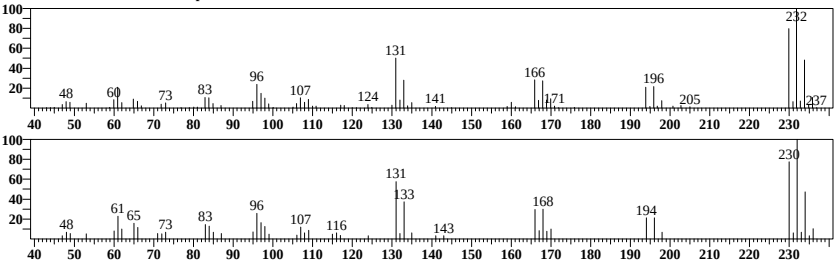
#	m/z	Area	Ratio	Reference
1	92.00	22766	48.30	64.55
2	108.00	44656	94.75	83.01



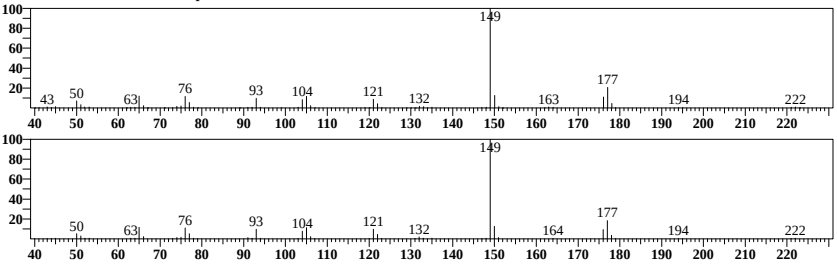
ID#:67 R.Time:15.242(Scan#:2379)
MassPeaks:104
RawMode:Averaged 15.232-15.252(2377-2381)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



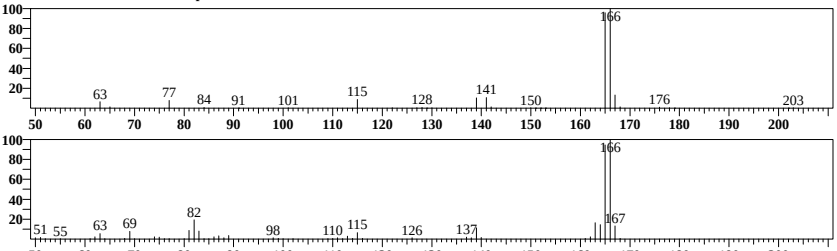
ID#:68 R.Time:15.527(Scan#:2437)
MassPeaks:78
RawMode:Averaged 15.517-15.537(2435-2439)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



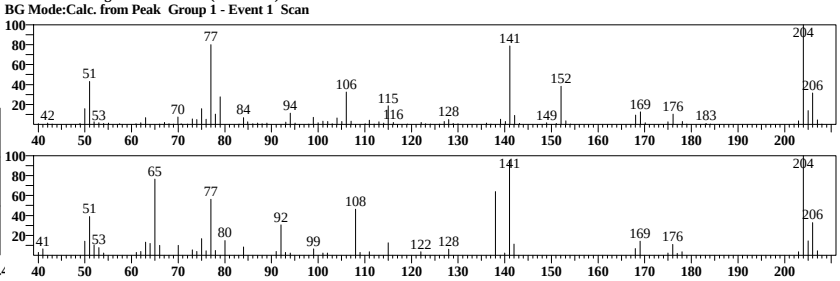
ID#:69 R.Time:15.743(Scan#:2481)
MassPeaks:64
RawMode:Averaged 15.733-15.753(2479-2483)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



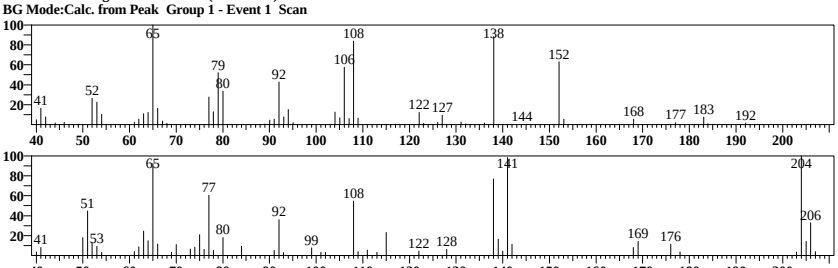
ID#:70 R.Time:15.871(Scan#:2508)
MassPeaks:28
RawMode:Averaged 15.861-15.881(2506-2510)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



ID#:71 R.Time:15.901(Scan#:2513)
MassPeaks:92
RawMode:Averaged 15.891-15.911(2511-2515)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



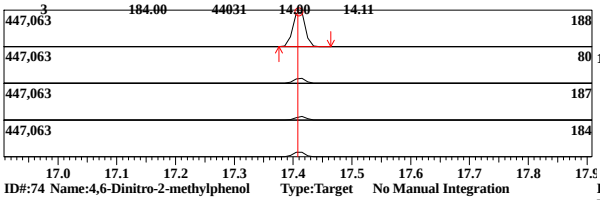
ID#:72 R.Time:15.920(Scan#:2517)
MassPeaks:57
RawMode:Averaged 15.911-15.930(2515-2519)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:73 Name:Phenanthrene-d10 (IS) Type:ISTD No Manual Integration

Mass:188.00 R.T:17.410 Area:642821 Conc:40.00000ppm
Event:1:Scan SI:97

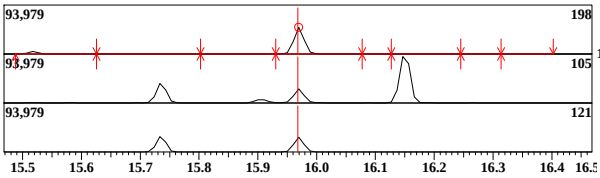
#	m/z	Area	Ratio	Reference
1	80.00	43274	13.76	15.93
2	187.00	30365	9.65	10.00
3	184.00	44031	14.00	14.11



ID#:74 Name:4,6-Dinitro-2-methylphenol Type:Target No Manual Integration

Mass:198.00 R.T:15.970 Area:64422 Conc:32.20324ppm
Event:2:SIM SI:77

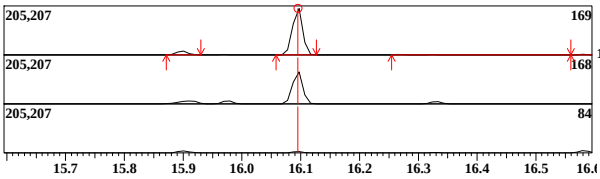
#	m/z	Area	Ratio	Reference
1	105.00	17276	51.63	55.83
2	121.00	18638	55.70	44.01



ID#:75 Name:N-NitrosodiphenylamineType:Target No Manual Integration

Mass:169.00 R.T:16.095 Area:241398 Conc:21.70634ppm
Event:1:Scan SI:98

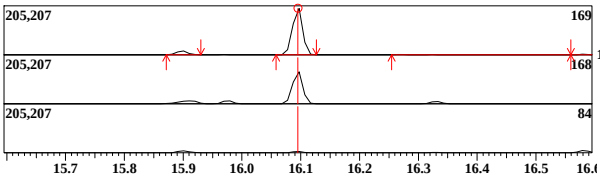
#	m/z	Area	Ratio	Reference
1	168.00	88289	69.42	64.38
2	84.00	4242	3.34	2.92



ID#:76 Name:Diphenylamine Type:Target No Manual Integration

Mass:169.00 R.T:16.095 Area:241398 Conc:21.70634ppm
Event:1:Scan SI:98

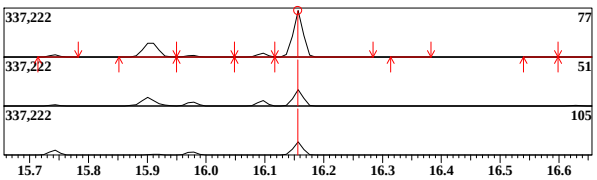
#	m/z	Area	Ratio	Reference
1	168.00	88289	69.42	64.38
2	84.00	4242	3.34	2.92



ID#:77 Name:1,2-Diphenylhydrazine Type:Target No Manual Integration

Mass:77.00 R.T:16.156 Area:385995 Conc:25.92253ppm
Event:1:Scan SI:96

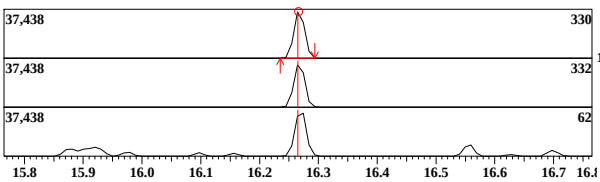
#	m/z	Area	Ratio	Reference
1	51.00	70908	34.84	21.73
2	105.00	56525	27.77	6.07



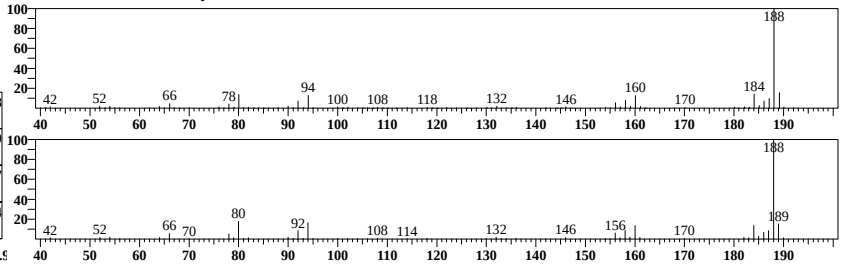
ID#:78 Name:2,4,6-Tribromophenol Type:Surrogate/SMC No Manual Integration

Mass:330.00 R.T:16.267 Area:47740 Conc:33.53961ppm
Event:1:Scan SI:71

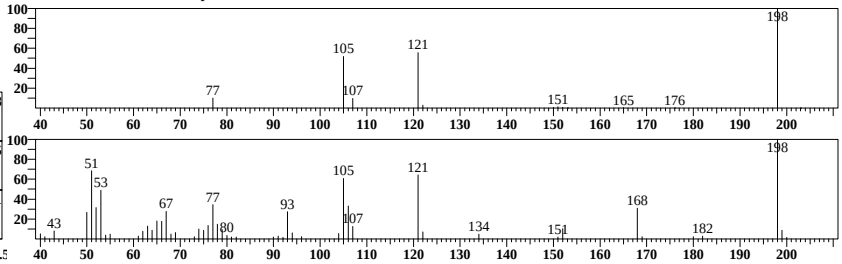
#	m/z	Area	Ratio	Reference
1	332.00	23036	92.69	100.00
2	62.00	23293	93.73	97.00



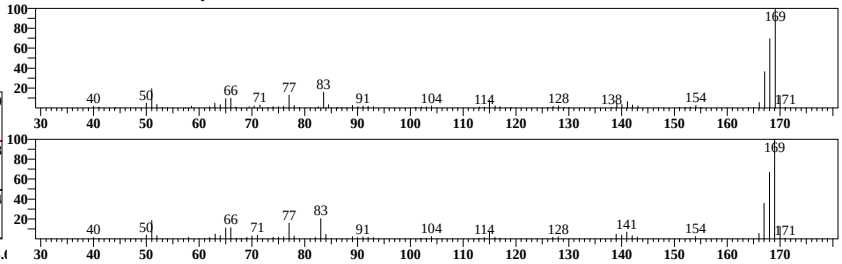
ID#:73 R.Time:17.415(Scan#:2821)
MassPeaks:87
RawMode:Averaged 17.405-17.425(2819-2823)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



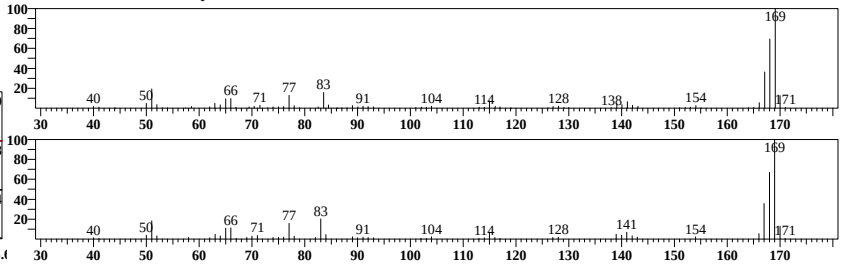
ID#:74 R.Time:15.970(Scan#:2528)
MassPeaks:13
RawMode:Averaged 15.960-15.979(2526-2530)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



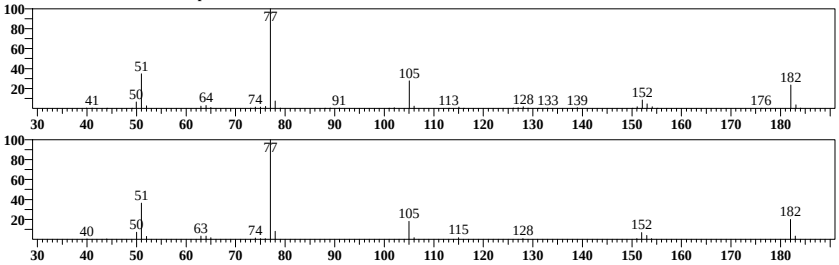
ID#:75 R.Time:16.097(Scan#:2553)
MassPeaks:71
RawMode:Averaged 16.087-16.107(2551-2555)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



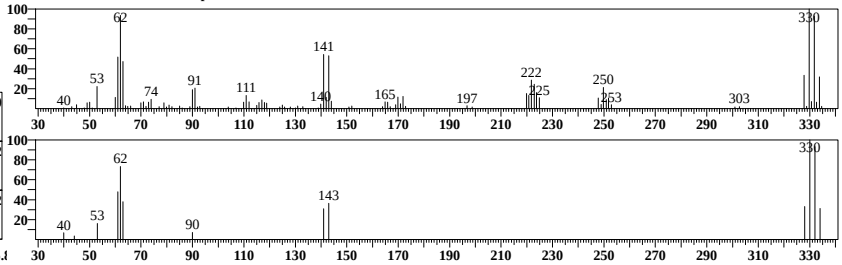
ID#:76 R.Time:16.097(Scan#:2553)
MassPeaks:71
RawMode:Averaged 16.087-16.107(2551-2555)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:77 R.Time:16.156(Scan#:2565)
MassPeaks:44
RawMode:Averaged 16.147-16.166(2563-2567)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



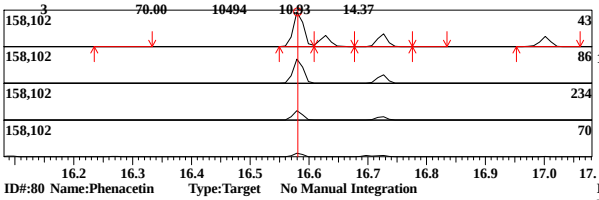
ID#:78 R.Time:16.265(Scan#:2587)
MassPeaks:90
RawMode:Averaged 16.255-16.274(2585-2589)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



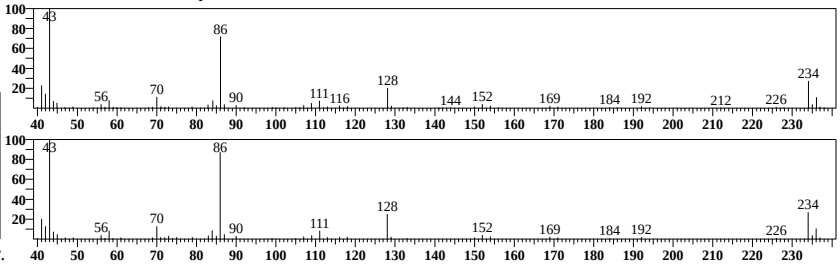
ID#:79 Name:(cis/trans)-Diallate Type:Target No Manual Integration

Mass:43.00 R.T:16.581 Area:188205 Conc:26.78862ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	86.00	68712	71.58	76.79
2	234.00	25880	26.96	26.39
3	70.00	10494	10.93	14.37



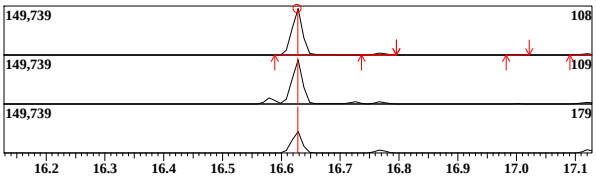
ID#:79 R.Time:16.579(Scan#:2651)
MassPeaks:70
RawMode:Averaged 16.569-16.589(2649-2653)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



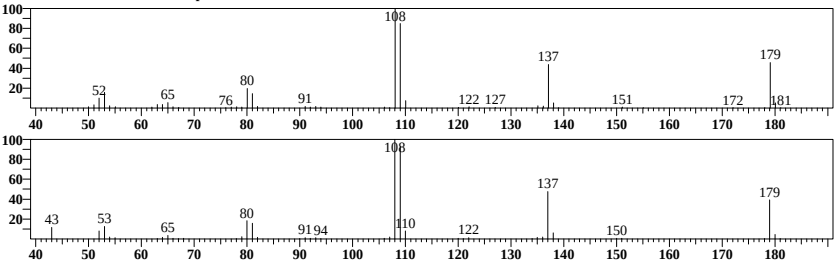
ID#:80 Name:Phenacetin Type:Target No Manual Integration

Mass:108.00 R.T:16.627 Area:183373 Conc:25.12228ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	109.00	78738	84.97	83.01
2	179.00	42362	45.72	44.31



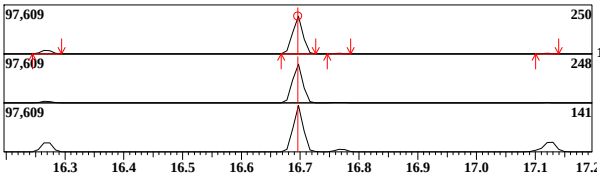
ID#:80 R.Time:16.628(Scan#:2661)
MassPeaks:43
RawMode:Averaged 16.619-16.638(2659-2663)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



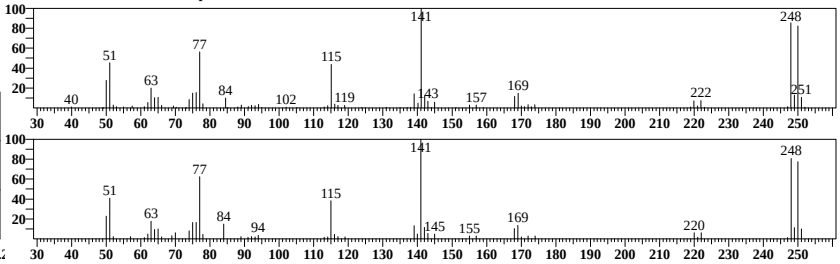
ID#:81 Name:4-Bromophenyl phenyl ether Type:Target No Manual Integration

Mass:250.00 R.T:16.696 Area:92777 Conc:25.13597ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	248.00	51311	103.87	105.86
2	141.00	59923	121.30	137.00



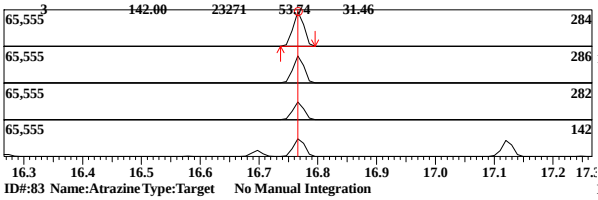
ID#:81 R.Time:16.697(Scan#:2675)
MassPeaks:74
RawMode:Averaged 16.687-16.707(2673-2677)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



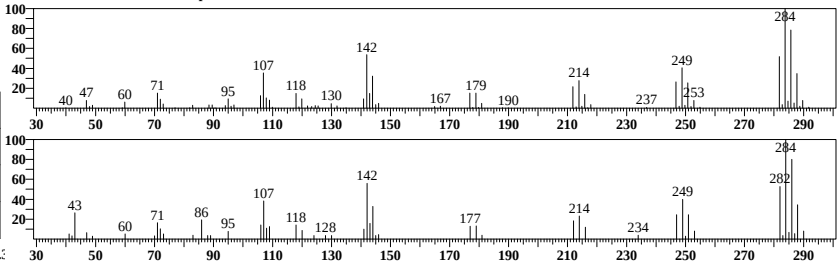
ID#:82 Name:Hexachlorobenzene Type:Target No Manual Integration

Mass:284.00 R.T:16.767 Area:81332 Conc:24.17441ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	286.00	33991	78.49	79.72
2	282.00	22444	51.83	51.93
3	142.00	23271	53.74	31.46



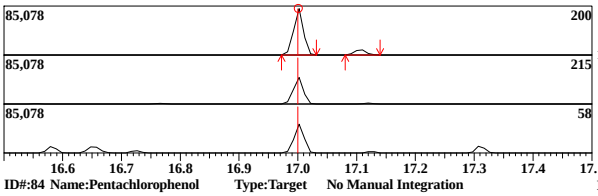
ID#:82 R.Time:16.766(Scan#:2689)
MassPeaks:75
RawMode:Averaged 16.756-16.776(2687-2691)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



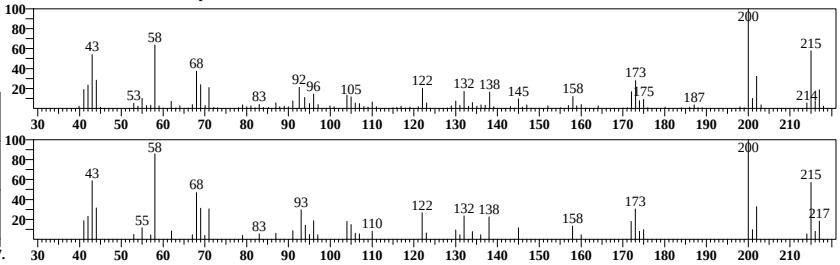
ID#:83 Name:Atrazine Type:Target No Manual Integration

Mass:200.00 R.T:17.001 Area:95235 Conc:25.60570ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	215.00	29626	57.98	59.43
2	58.00	32600	63.80	64.00



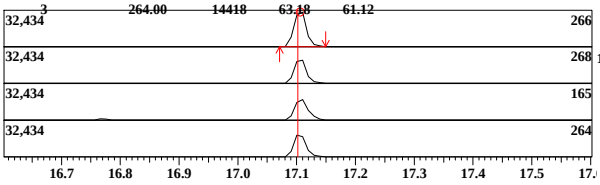
ID#:83 R.Time:17.002(Scan#:2737)
MassPeaks:112
RawMode:Averaged 16.992-17.012(2735-2739)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



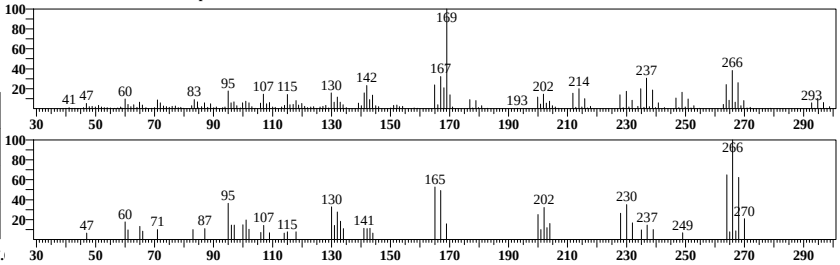
ID#:84 Name:Pentachlorophenol Type:Target No Manual Integration

Mass:266.00 R.T:17.106 Area:47620 Conc:27.72248ppm
Event:1:Scan SI:69

#	m/z	Area	Ratio	Reference
1	268.00	15422	67.58	59.97
2	165.00	14220	62.32	41.42
3	264.00	14418	63.18	61.12



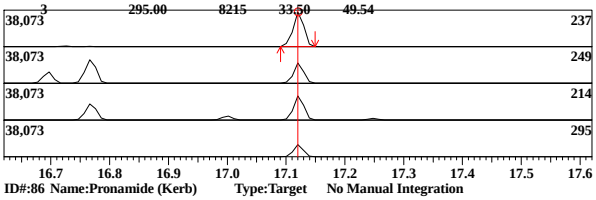
ID#:84 R.Time:17.110(Scan#:2759)
MassPeaks:174
RawMode:Averaged 17.100-17.120(2757-2761)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



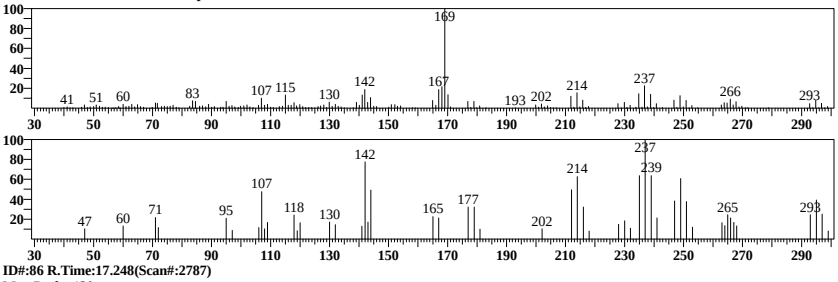
ID#:85 Name:Pentachloronitrobenzene Type:Target No Manual Integration

Mass:237.00 R.T:17.121 Area:47135 Conc:26.83381ppm
Event:1:Scan SI:59

#	m/z	Area	Ratio	Reference
1	249.00	13489	55.01	68.26
2	214.00	16591	67.66	62.54
3	295.00	8215	33.50	49.54



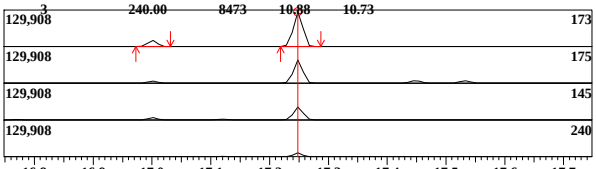
ID#:85 R.Time:17.120(Scan#:2761)
MassPeaks:172
RawMode:Averaged 17.110-17.130(2759-2763)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



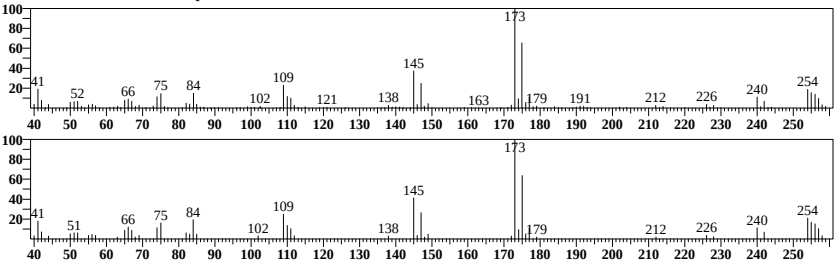
ID#:86 Name:Pronamide (Kerb) Type:Target No Manual Integration

Mass:173.00 R.T:17.248 Area:143418 Conc:26.36566ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	175.00	50737	65.16	60.85
2	145.00	29070	37.33	30.82
3	240.00	8473	10.88	10.73



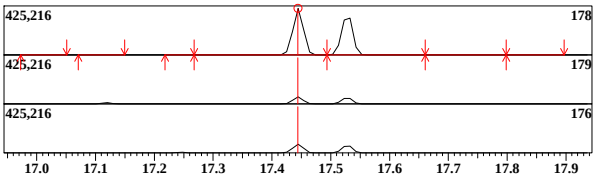
ID#:86 R.Time:17.248(Scan#:2787)
MassPeaks:120
RawMode:Averaged 17.238-17.258(2785-2789)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



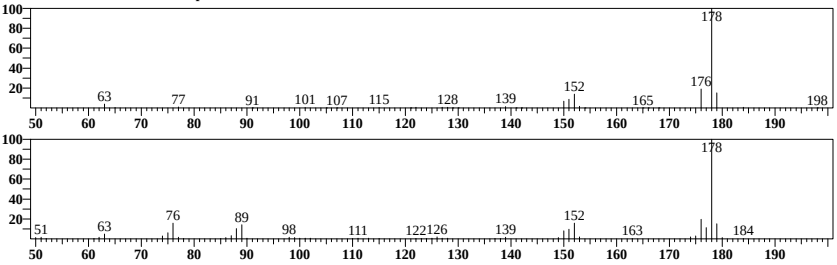
ID#:87 Name:Phenanthrene Type:Target No Manual Integration

Mass:178.00 R.T:17.445 Area:519806 Conc:24.40368ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	179.00	41303	15.15	15.63
2	176.00	52035	19.09	18.75



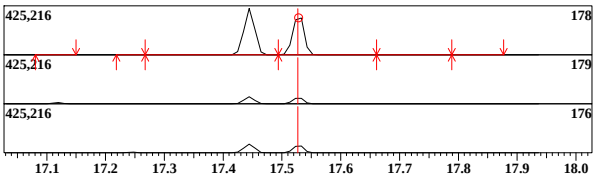
ID#:87 R.Time:17.445(Scan#:2828)
MassPeaks:30
RawMode:Averaged 17.435-17.454(2826-2830)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



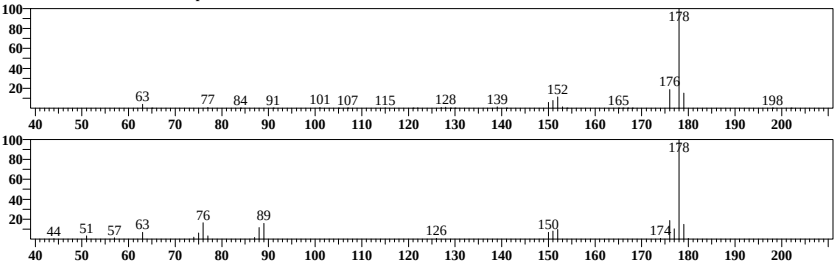
ID#:88 Name:Anthracene Type:Target No Manual Integration

Mass:178.00 R.T:17.529 Area:468069 Conc:21.01861ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	179.00	34808	15.07	12.08
2	176.00	42930	18.59	20.60



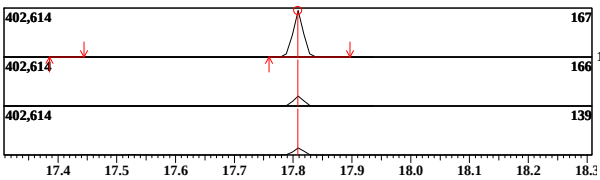
ID#:88 R.Time:17.533(Scan#:2846)
MassPeaks:31
RawMode:Averaged 17.523-17.543(2844-2848)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



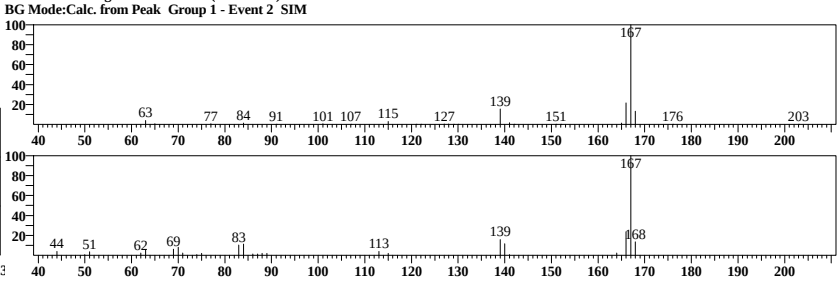
ID#:89 Name:Carbazole Type:Target No Manual Integration

Mass:167.00 R.T:17.808 Area:481748 Conc:24.30603ppm
Event:2:SIM SI:90

#	m/z	Area	Ratio	Reference
1	166.00	54024	21.46	20.96
2	139.00	38801	15.41	12.92



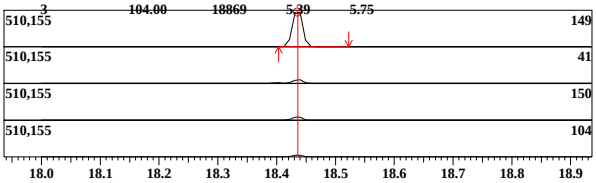
ID#:89 R.Time:17.808(Scan#:2902)
MassPeaks:25
RawMode:Averaged 17.799-17.818(2900-2904)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



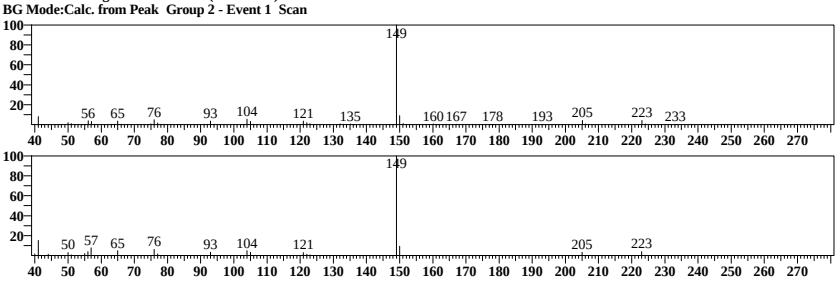
ID#:90 Name:Di-n-butyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:18.436 Area:647336 Conc:27.69468ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	41.00	28641	8.18	10.41
2	150.00	31050	8.86	8.84
3	104.00	18869	5.39	5.75



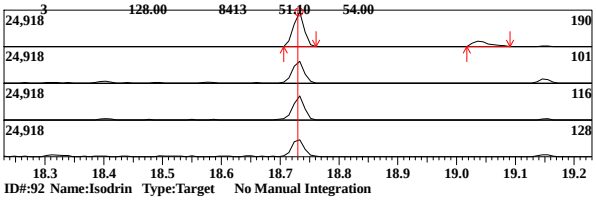
ID#:90 R.Time:18.440(Scan#:3025)
MassPeaks:60
RawMode:Averaged 18.431-18.449(3023-3027)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



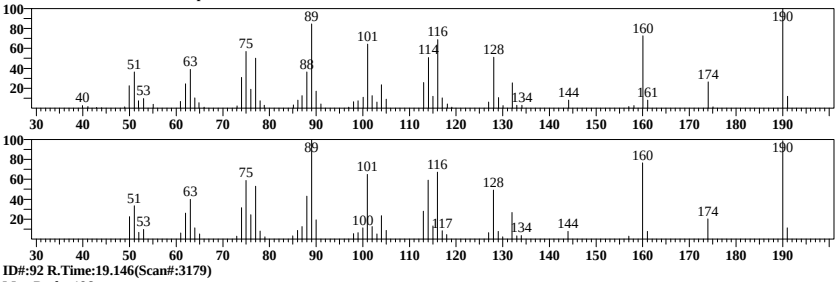
ID#:91 Name:4-Nitroquinoline-N-Oxide Type:Target No Manual Integration

Mass:190.00 R.T:18.732 Area:30145 Conc:22.19277ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	101.00	10588	64.31	71.00
2	116.00	11336	68.85	70.00
3	128.00	8413	51.10	54.00



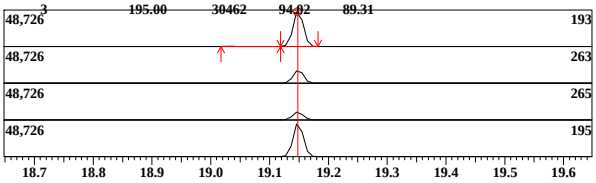
ID#:91 R.Time:18.733(Scan#:3089)
MassPeaks:62
RawMode:Averaged 18.724-18.743(3087-3091)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



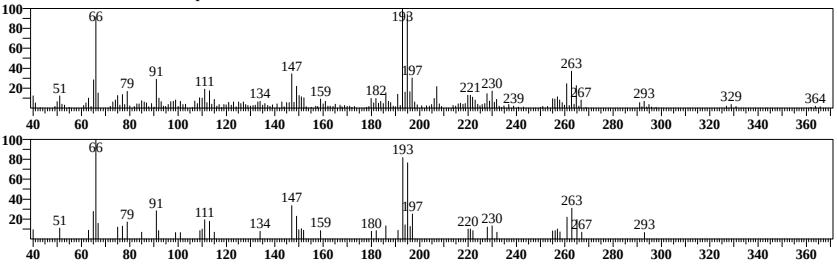
ID#:92 Name:Isodrin Type:Target No Manual Integration

Mass:193.00 R.T:19.148 Area:59117 Conc:27.94626ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	263.00	11977	36.97	42.74
2	265.00	7337	22.65	29.49
3	195.00	30462	94.02	89.31



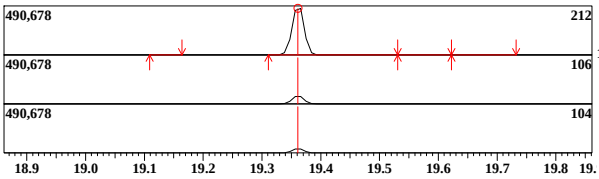
ID#:92 R.Time:19.146(Scan#:3179)
MassPeaks:196
RawMode:Averaged 19.137-19.155(3177-3181)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



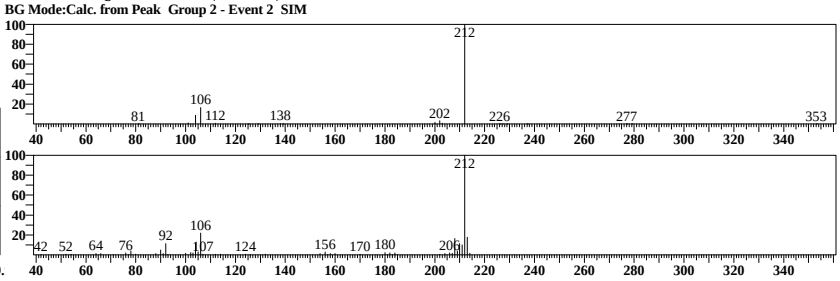
ID#:93 Name:Fluoranthene-d10 Type:Target No Manual Integration

Mass:212.00 R.T:19.362 Area:711548 Conc:35.69185ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	106.00	58657	16.31	22.08
2	104.00	31318	8.71	12.34



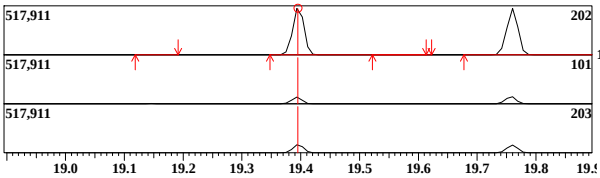
ID#:93 R.Time:19.366(Scan#:3228)
MassPeaks:20
RawMode:Averaged 19.357-19.375(3226-3230)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



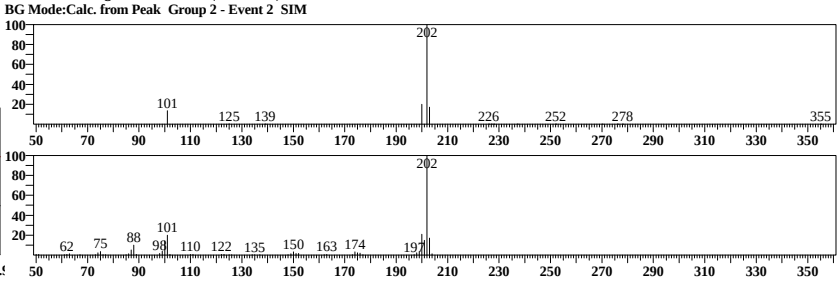
ID#:94 Name:Fluoranthene Type:Target No Manual Integration

Mass:202.00 R.T:19.396 Area:677548 Conc:25.81687ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	101.00	49639	13.61	14.12
2	203.00	61953	16.99	6.47



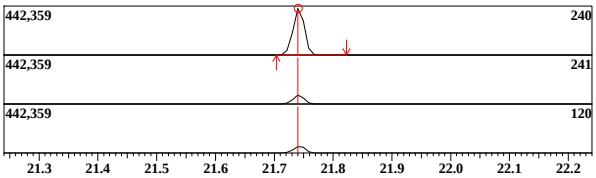
ID#:94 R.Time:19.393(Scan#:3234)
MassPeaks:15
RawMode:Averaged 19.384-19.403(3232-3236)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



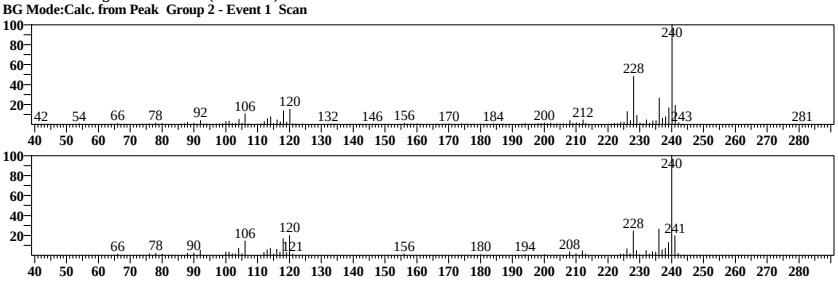
ID#:95 Name:Chrysene-d12 (IS) Type:ISTD No Manual Integration

Mass:240.00 R.T:21.741 Area:584804 Conc:40.00000ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	241.00	59198	18.94	19.13
2	120.00	47266	15.12	14.79



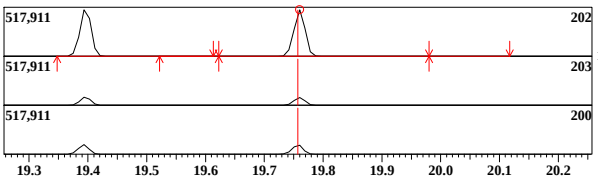
ID#:95 R.Time:21.740(Scan#:3745)
MassPeaks:118
RawMode:Averaged 21.731-21.749(3743-3747)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



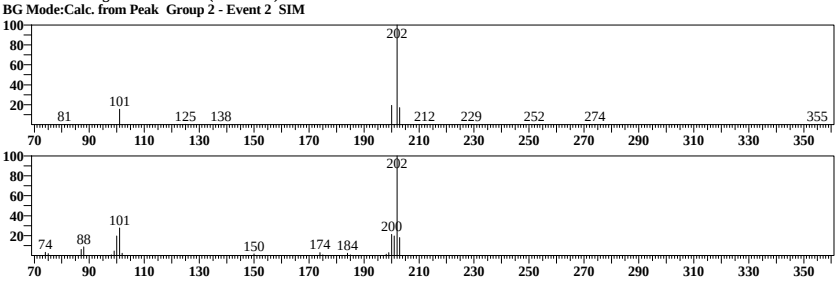
ID#:96 Name:Pyrene Type:Target No Manual Integration

Mass:202.00 R.T:19.760 Area:672738 Conc:24.49161ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	203.00	61688	17.07	18.13
2	200.00	70296	19.45	4.68



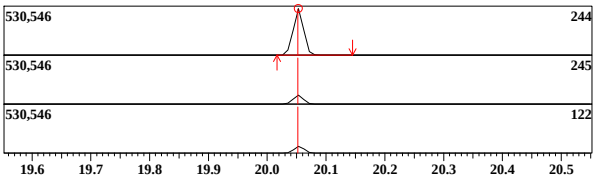
ID#:96 R.Time:19.760(Scan#:3314)
MassPeaks:20
RawMode:Averaged 19.751-19.769(3312-3316)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



ID#:97 Name:p-Terphenyl-d14Type:Surrogate/SMC No Manual Integration

Mass:244.00 R.T:20.053 Area:639291 Conc:36.73069ppm
Event:1:Scan SI:84

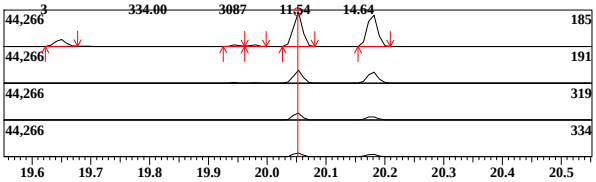
#	m/z	Area	Ratio	Reference
1	245.00	68748	19.59	19.16
2	122.00	53070	15.12	13.22



ID#:98 Name:Aramite A Type:Target No Manual Integration

Mass:185.00 R.T:20.053 Area:46851 Conc:13.48033ppm
Event:1:Scan SI:40

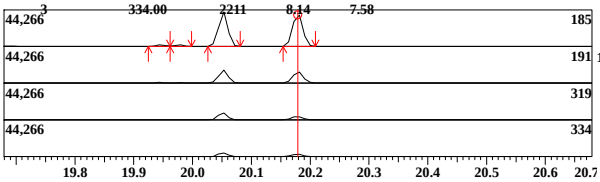
#	m/z	Area	Ratio	Reference
1	191.00	10110	37.79	44.95
2	319.00	5449	20.37	34.11
3	334.00	3087	11.54	14.64



ID#:99 Name:Aramite B Type:Target No Manual Integration

Mass:185.00 R.T:20.179 Area:48571 Conc:13.90935ppm
Event:1:Scan SI:96

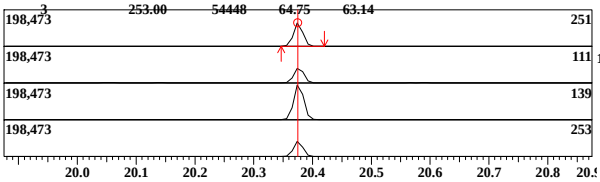
#	m/z	Area	Ratio	Reference
1	191.00	9389	34.58	42.53
2	319.00	2916	10.74	13.52
3	334.00	2211	8.14	7.58



ID#:100 Name:Chlorobenzilate Type:Target No Manual Integration

Mass:251.00 R.T:20.375 Area:149767 Conc:27.84575ppm
Event:1:Scan SI:98

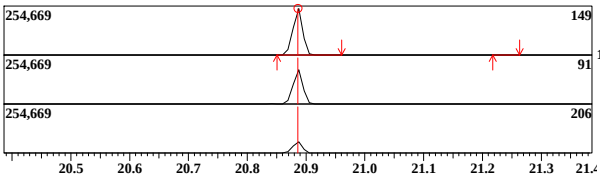
#	m/z	Area	Ratio	Reference
1	111.00	56074	66.69	55.84
2	139.00	129755	154.31	178.00
3	253.00	54448	64.75	63.14



ID#:101 Name:Butyl benzyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:20.886 Area:282897 Conc:27.16700ppm
Event:1:Scan SI:91

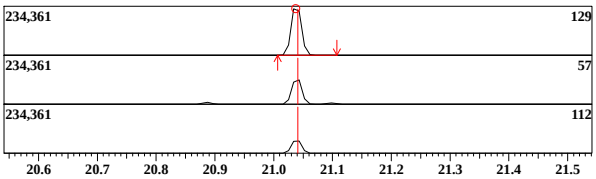
#	m/z	Area	Ratio	Reference
1	91.00	116976	74.10	92.95
2	206.00	38869	24.62	26.43



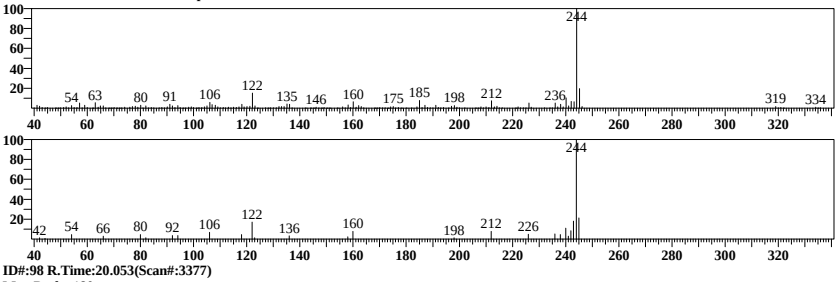
ID#:102 Name:Di(2-ethylhexyl) adipate Type:Target No Manual Integration

Mass:129.00 R.T:21.038 Area:296943 Conc:26.48255ppm
Event:1:Scan SI:97

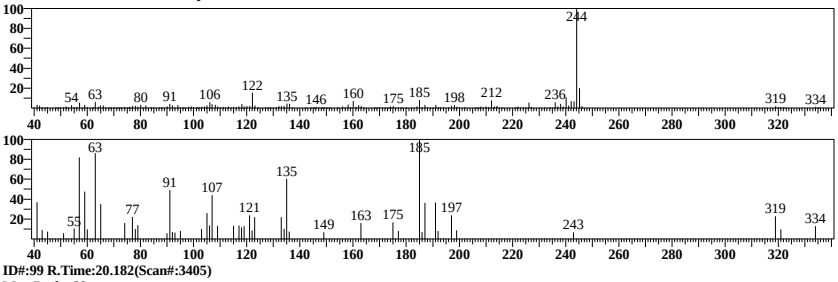
#	m/z	Area	Ratio	Reference
1	57.00	80631	49.82	40.00
2	112.00	43072	26.61	27.60



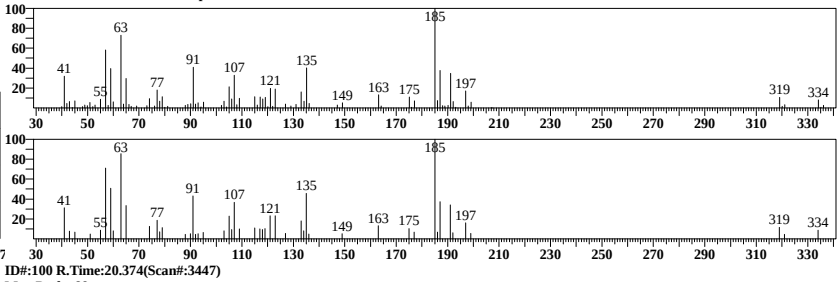
ID#:97 R.Time:20.053(Scan#:3377)
MassPeaks:179
RawMode:Averaged 20.044-20.063(3375-3379)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



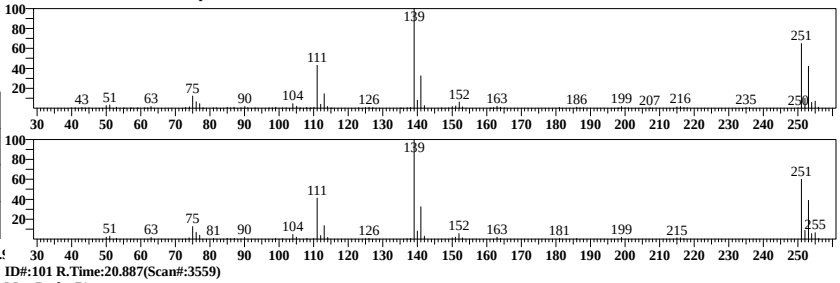
ID#:98 R.Time:20.053(Scan#:3377)
MassPeaks:180
RawMode:Averaged 20.044-20.063(3375-3379)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



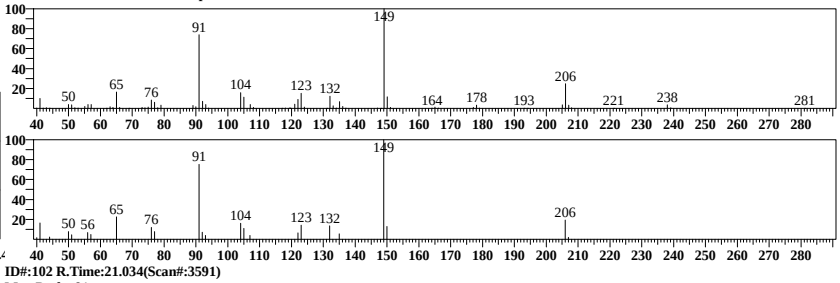
ID#:99 R.Time:20.182(Scan#:3405)
MassPeaks:89
RawMode:Averaged 20.172-20.191(3403-3407)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



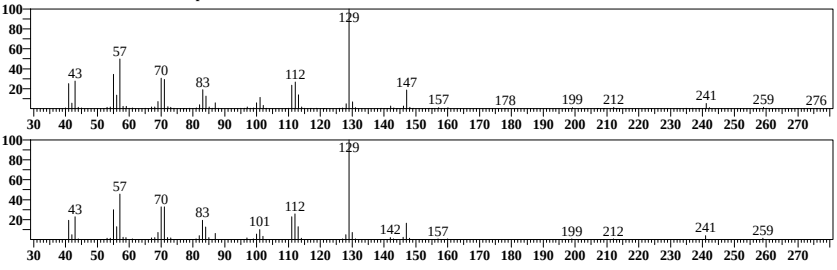
ID#:100 R.Time:20.374(Scan#:3447)
MassPeaks:89
RawMode:Averaged 20.365-20.383(3445-3449)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



ID#:101 R.Time:20.887(Scan#:3559)
MassPeaks:71
RawMode:Averaged 20.878-20.897(3557-3561)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



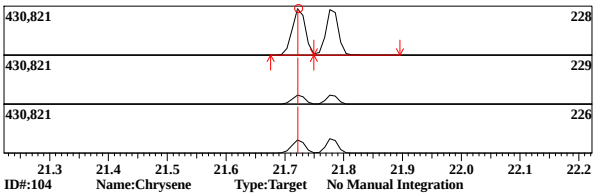
ID#:102 R.Time:21.034(Scan#:3591)
MassPeaks:91
RawMode:Averaged 21.025-21.043(3589-3593)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



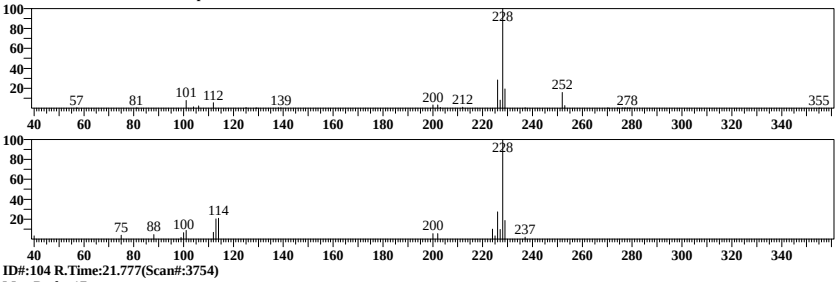
ID#:103 Name:Benzo[a]anthracene Type:Target No Manual Integration

Mass:228.00 R.T:21.724 Area:648425 Conc:26.56305ppm
Event:2:SIM SI:81

#	m/z	Area	Ratio	Reference
1	229.00	62783	19.38	27.13
2	226.00	91421	28.22	24.70



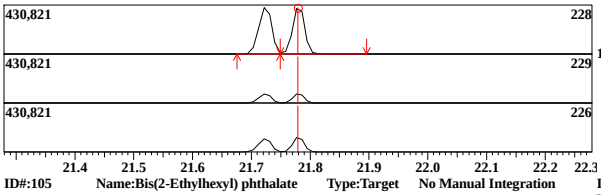
ID#:103 R.Time:21.722(Scan#:3742)
MassPeaks:28
RawMode:Averaged 21.712-21.731(3740-3744)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



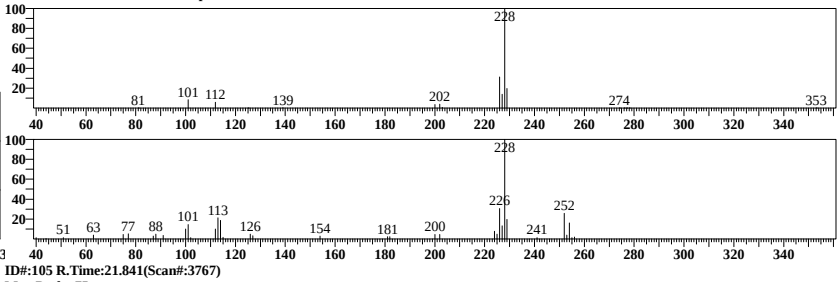
ID#:104 Name:Chrysene Type:Target No Manual Integration

Mass:228.00 R.T:21.780 Area:605358 Conc:24.49638ppm
Event:2:SIM SI:80

#	m/z	Area	Ratio	Reference
1	229.00	59116	19.59	27.13
2	226.00	93733	31.06	24.70



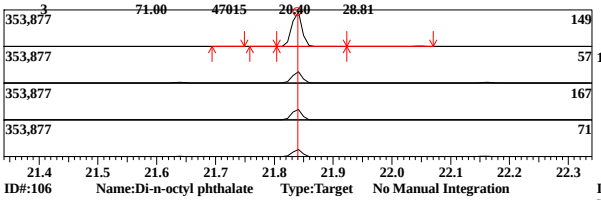
ID#:104 R.Time:21.777(Scan#:3754)
MassPeaks:17
RawMode:Averaged 21.767-21.786(3752-3756)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



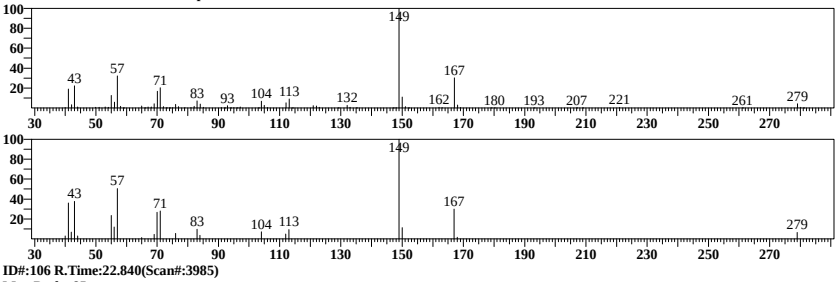
ID#:105 Name:Bis(2-Ethylhexyl) phthalate Type:Target No Manual Integration

Mass:149.00 R.T:21.839 Area:416068 Conc:27.23213ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	57.00	74397	32.28	45.69
2	167.00	69939	30.34	32.70
3	71.00	47015	20.40	28.81



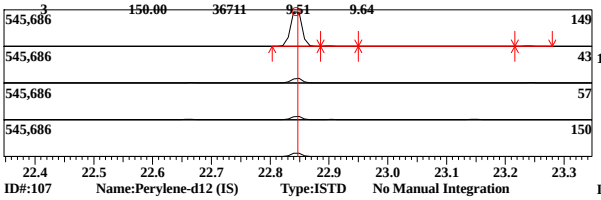
ID#:105 R.Time:21.841(Scan#:3767)
MassPeaks:75
RawMode:Averaged 21.832-21.850(3765-3769)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



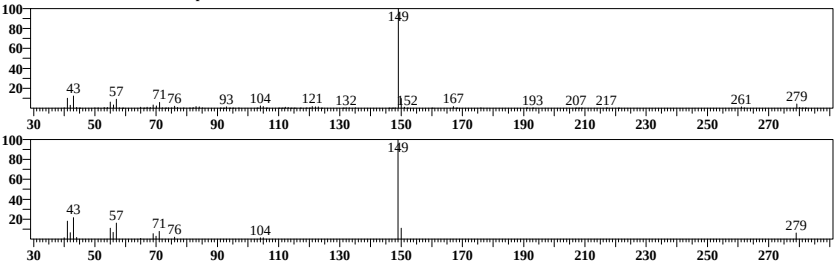
ID#:106 Name:Di-n-octyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:22.844 Area:713990 Conc:27.98838ppm
Event:1:Scan SI:88

#	m/z	Area	Ratio	Reference
1	43.00	46575	12.07	13.63
2	57.00	34574	8.96	13.85
3	150.00	36711	9.51	9.64



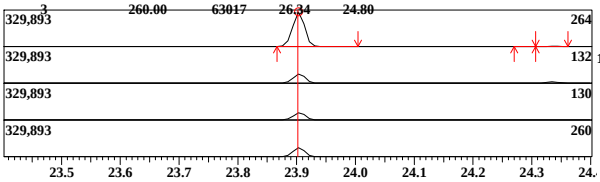
ID#:106 R.Time:22.840(Scan#:3985)
MassPeaks:85
RawMode:Averaged 22.831-22.849(3983-3987)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



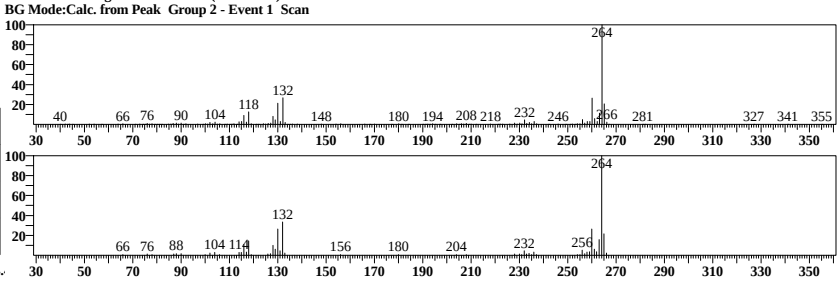
ID#:107 Name:Perylene-d12 (IS) Type:ISTD No Manual Integration

Mass:264.00 R.T:23.904 Area:460845 Conc:40.00000ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	132.00	63641	26.60	20.63
2	130.00	51091	21.36	16.36
3	260.00	63017	26.34	24.80



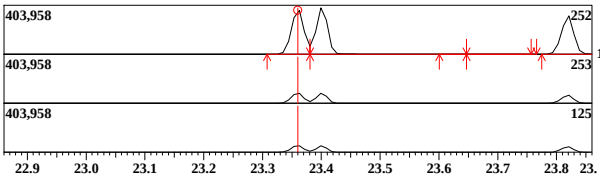
ID#:107 R.Time:23.903(Scan#:4217)
MassPeaks:132
RawMode:Averaged 23.894-23.913(4215-4219)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



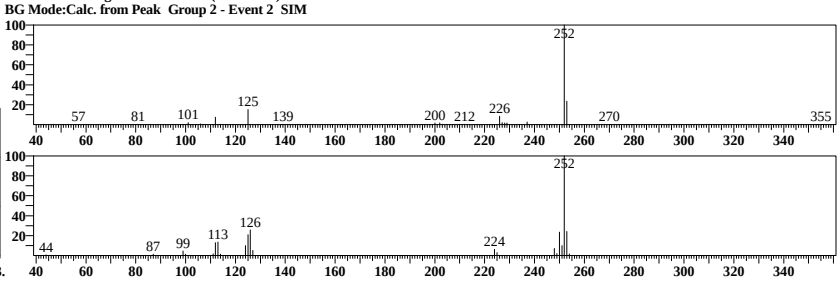
ID#:108 Name:Benzo[b]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.360 Area:572126 Conc:25.07256ppm
Event:2:SIM SI:67

#	m/z	Area	Ratio	Reference
1	253.00	54303	23.32	24.52
2	125.00	35361	15.18	21.64



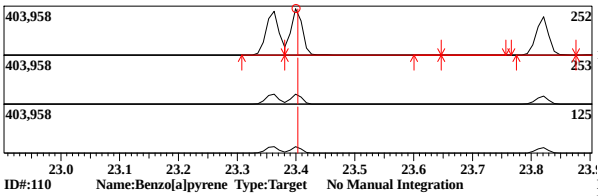
ID#:108 R.Time:23.363(Scan#:4100)
MassPeaks:26
RawMode:Averaged 23.353-23.372(4098-4102)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



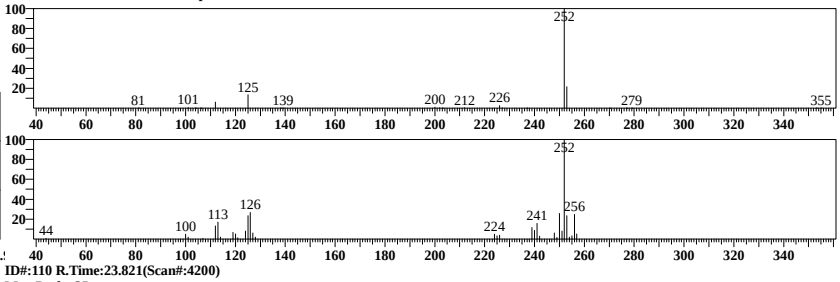
ID#:109 Name:Benzo[k]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.401 Area:519157 Conc:23.87367ppm
Event:2:SIM SI:77

#	m/z	Area	Ratio	Reference
1	253.00	47348	21.60	24.52
2	125.00	29393	13.41	21.64



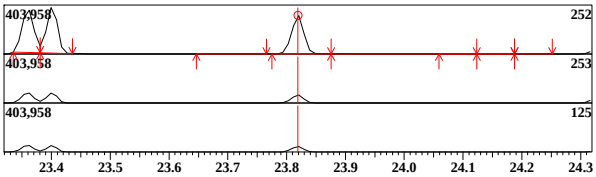
ID#:109 R.Time:23.399(Scan#:4108)
MassPeaks:22
RawMode:Averaged 23.390-23.408(4106-4110)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



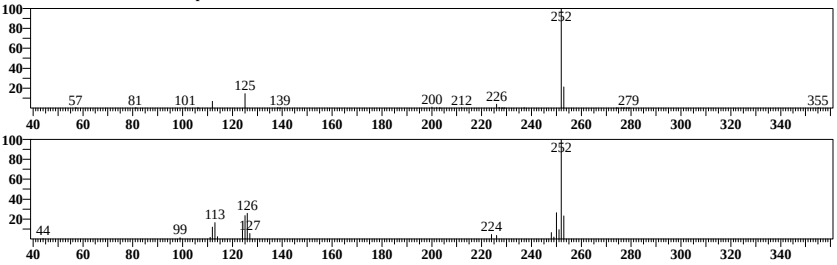
ID#:110 Name:Benzo[a]pyrene Type:Target No Manual Integration

Mass:252.00 R.T:23.819 Area:475246 Conc:26.64276ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	253.00	51023	21.38	24.52
2	125.00	34686	14.54	21.64



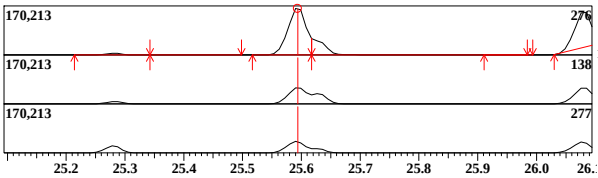
ID#:110 R.Time:23.821(Scan#:4200)
MassPeaks:25
RawMode:Averaged 23.812-23.830(4198-4202)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



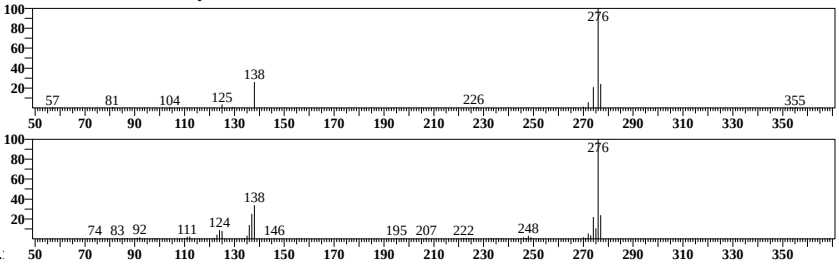
ID#:111 Name:Indeno(1,2,3-cd)pyrene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/15/2022

Mass:276.00 R.T:25.594 Area:368715 Conc:28.97884ppm
Event:2:SIM SI:94

#	m/z	Area	Ratio	Reference
1	138.00	26487	25.85	6.67
2	277.00	24263	23.68	14.17



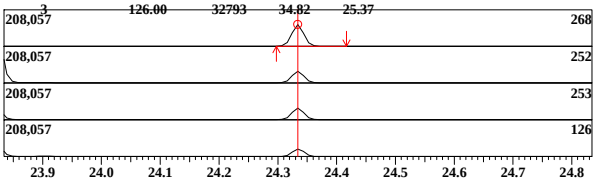
ID#:111 R.Time:25.590(Scan#:4586)
MassPeaks:15
RawMode:Averaged 25.581-25.599(4584-4588)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



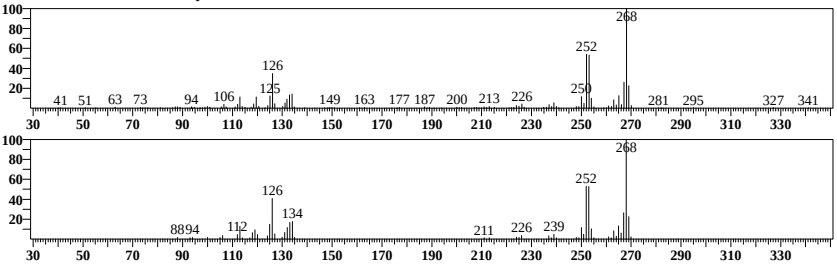
ID#:112 Name:3-Methylcholanthrene Type:Target No Manual Integration

Mass:268.00 R.T:24.334 Area:185377 Conc:23.24872ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	252.00	50925	54.07	43.24
2	253.00	50421	53.53	42.66
3	126.00	32793	34.82	25.37



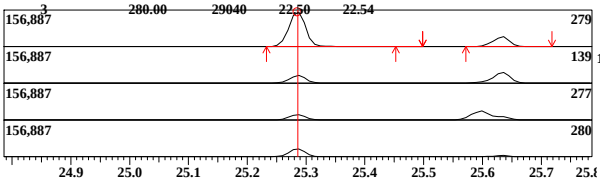
ID#:112 R.Time:24.334(Scan#:4311)
MassPeaks:111
RawMode:Averaged 24.325-24.343(4309-4313)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



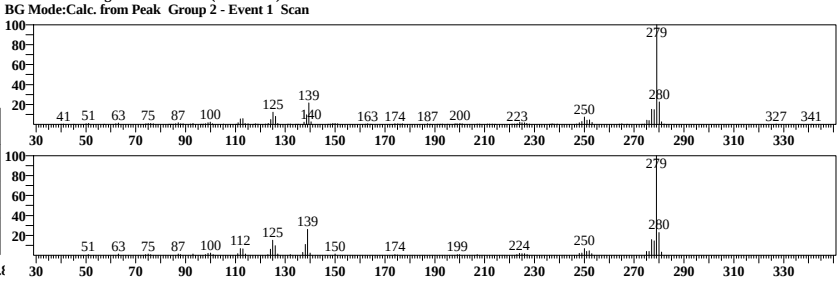
ID#:113 Name:Dibenz(a,j)Acridine Type:Target No Manual Integration

Mass:279.00 R.T:25.285 Area:306947 Conc:26.26246ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	139.00	27802	21.54	9.49
2	277.00	19399	15.03	15.01
3	280.00	29040	22.50	22.54



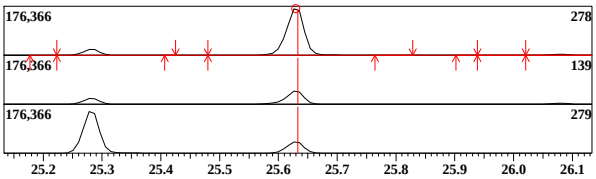
ID#:113 R.Time:25.288(Scan#:4519)
MassPeaks:113
RawMode:Averaged 25.278-25.297(4517-4521)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



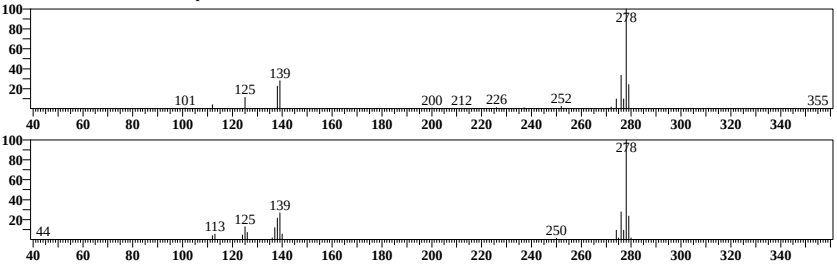
ID#:114 Name:Dibenzo[a,h]anthracene Type:Target No Manual Integration

Mass:278.00 R.T:25.630 Area:369946 Conc:27.05222ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	139.00	41622	28.09	7.75
2	279.00	35935	24.25	25.58



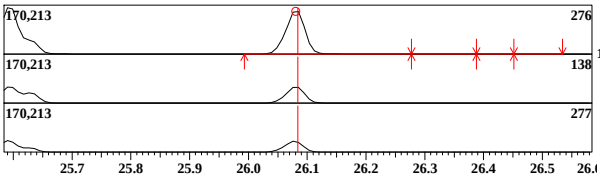
ID#:114 R.Time:25.627(Scan#:4594)
MassPeaks:27
RawMode:Averaged 25.618-25.636(4592-4596)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



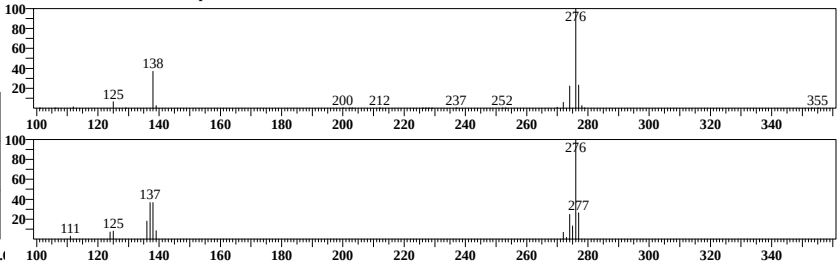
ID#:115 Name:Benzo[g,h,i]perylene Type:Target No Manual Integration

Mass:276.00 R.T:26.080 Area:349909 Conc:24.85614ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	138.00	48611	37.09	25.00
2	277.00	30394	23.19	21.09



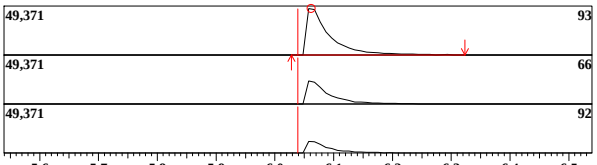
ID#:115 R.Time:26.085(Scan#:4694)
MassPeaks:27
RawMode:Averaged 26.076-26.094(4692-4696)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



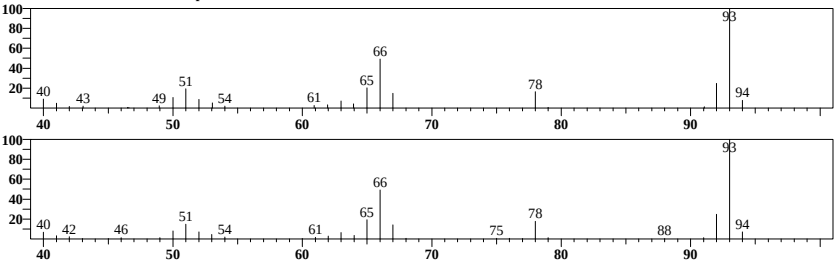
ID#:116 Name:2-Picoline (2-Methylpyridine) Type:Target Manual Integration Perform
Manual Reason: Peak not found. CMN 12/15/2022

Mass:93.00 R.T:6.062 Area:133079 Conc:18.28879ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	66.00	15210	49.14	58.29
2	92.00	7706	24.90	23.71



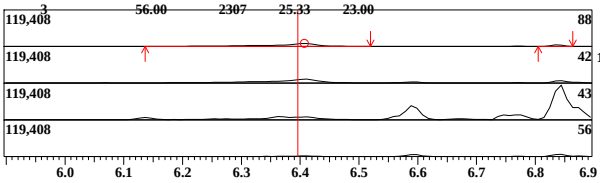
ID#:116 R.Time:6.058(Scan#:511)
MassPeaks:25
RawMode:Averaged 6.048-6.067(509-513)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



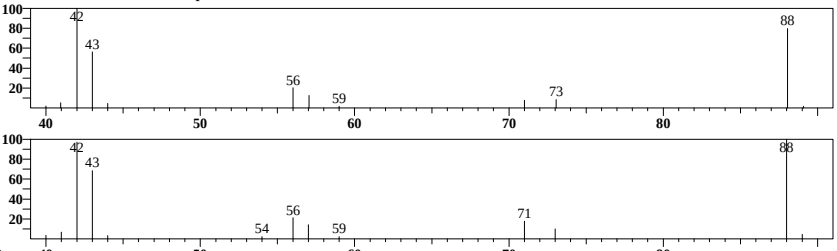
ID#:117 Name:N-Nitrosomethylethylamine Type:Target No Manual Integration

Mass:88.00 R.T:6.408 Area:63606 Conc:20.83055ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	42.00	11416	125.34	106.00
2	43.00	6433	70.63	74.00
3	56.00	2307	25.33	23.00



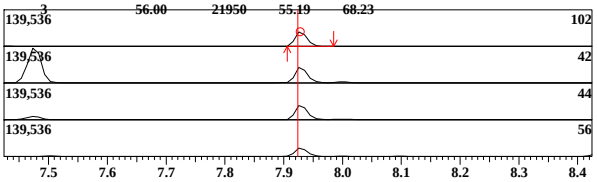
ID#:117 R.Time:6.412(Scan#:583)
MassPeaks:12
RawMode:Averaged 6.402-6.421(581-585)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



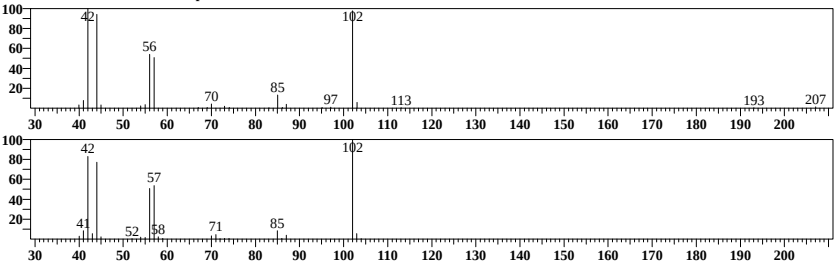
ID#:118 Name:N-Nitrosodiethylamine Type:Target No Manual Integration

Mass:102.00 R.T:7.928 Area:81970 Conc:24.67695ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	42.00	40649	102.21	98.99
2	44.00	38281	96.25	90.55
3	56.00	21950	55.19	68.23



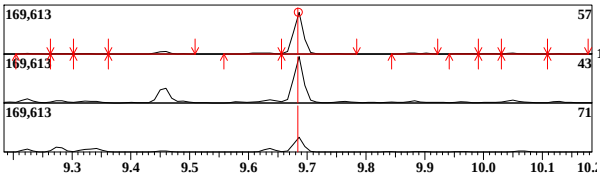
ID#:118 R.Time:7.926(Scan#:891)
MassPeaks:25
RawMode:Averaged 7.916-7.936(889-893)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



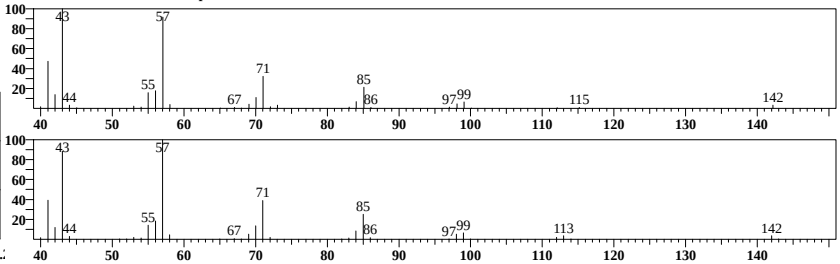
ID#:119 Name:n-Decane Type:Target No Manual Integration

Mass:57.00 R.T:9.685 Area:173491 Conc:19.94214ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	43.00	97778	109.02	115.00
2	71.00	31388	35.00	34.71



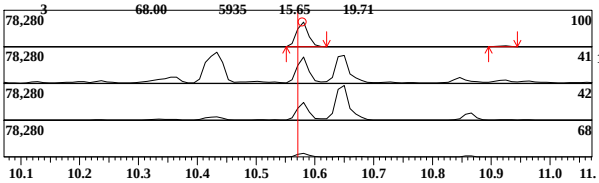
ID#:119 R.Time:9.686(Scan#:1249)
MassPeaks:31
RawMode:Averaged 9.676-9.696(1247-1251)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



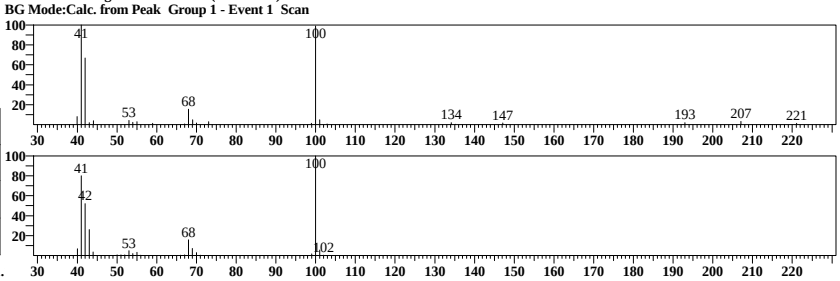
ID#:120 Name:N-Nitrosopyrrolidine Type:Target No Manual Integration

Mass:100.00 R.T:10.579 Area:74514 Conc:22.21213ppm
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	41.00	38278	100.96	89.01
2	42.00	25643	67.63	58.45
3	68.00	5935	15.65	19.71



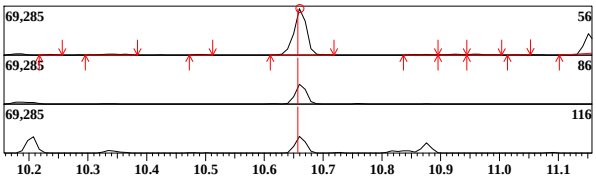
ID#:120 R.Time:10.581(Scan#:1431)
MassPeaks:24
RawMode:Averaged 10.571-10.591(1429-1433)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



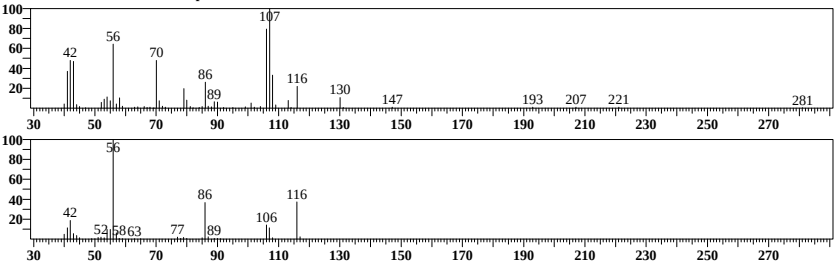
ID#:121 Name:N-Nitrosomorpholine Type:Target No Manual Integration

Mass:56.00 R.T:10.661 Area:98996 Conc:23.80333ppm
Event:1:Scan SI:66

#	m/z	Area	Ratio	Reference
1	86.00	19472	40.35	37.18
2	116.00	16345	33.87	29.47



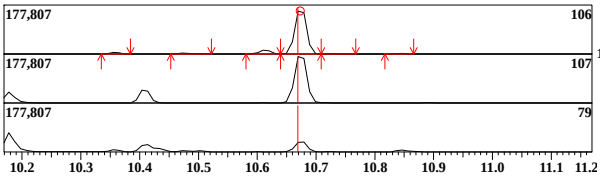
ID#:121 R.Time:10.660(Scan#:1447)
MassPeaks:56
RawMode:Averaged 10.650-10.669(1445-1449)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



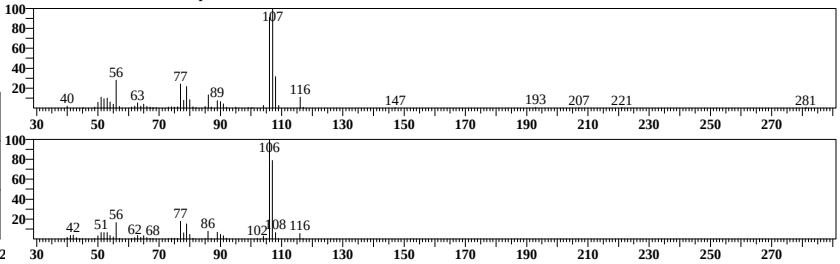
ID#:122 Name:o-Toluidine Type:Target No Manual Integration

Mass:106.00 R.T:10.673 Area:232083 Conc:21.55382ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	107.00	128319	109.87	80.49
2	79.00	27530	23.57	13.86



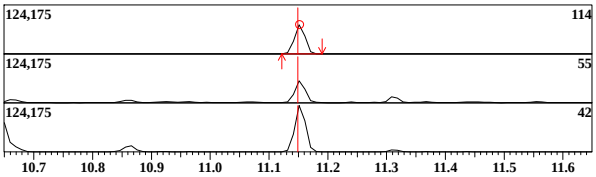
ID#:122 R.Time:10.669(Scan#:1449)
MassPeaks:52
RawMode:Averaged 10.660-10.679(1447-1451)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



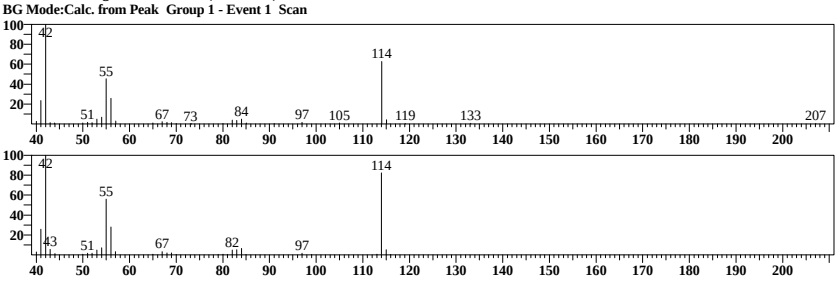
ID#:123 Name:N-Nitrosopiperidine Type:Target No Manual Integration

Mass:114.00 R.T:11.152 Area:95655 Conc:26.92340ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	55.00	36702	72.55	59.00
2	42.00	80700	159.52	151.82



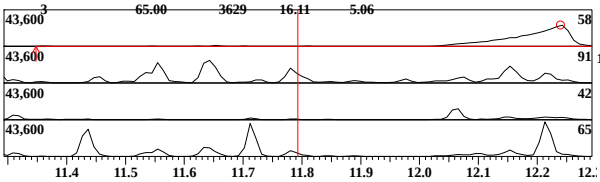
ID#:123 R.Time:11.151(Scan#:1547)
MassPeaks:32
RawMode:Averaged 11.141-11.161(1545-1549)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



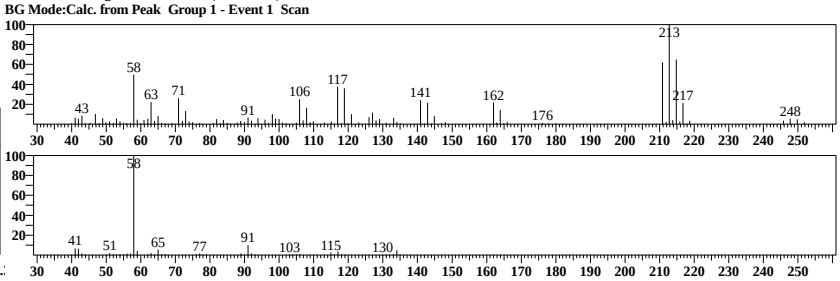
ID#:124 Name:a,a-Dimethylphenethylamine Type:Target Manual Integration Perform
Manual Reason: Peak not found. CMN 12/15/2022

Mass:58.00 R.T:12.240 Area:156264 Conc:9.14520ppm
Event:1:Scan SI:30

#	m/z	Area	Ratio	Reference
1	91.00	2969	13.18	7.28
2	42.00	2324	10.31	5.90
3	65.00	3629	16.11	5.06



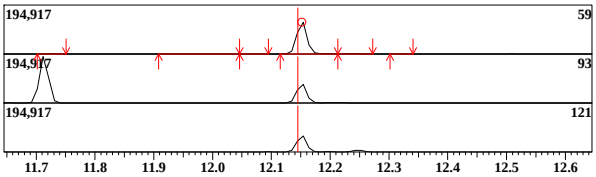
ID#:124 R.Time:12.243(Scan#:1769)
MassPeaks:105
RawMode:Averaged 12.233-12.253(1767-1771)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



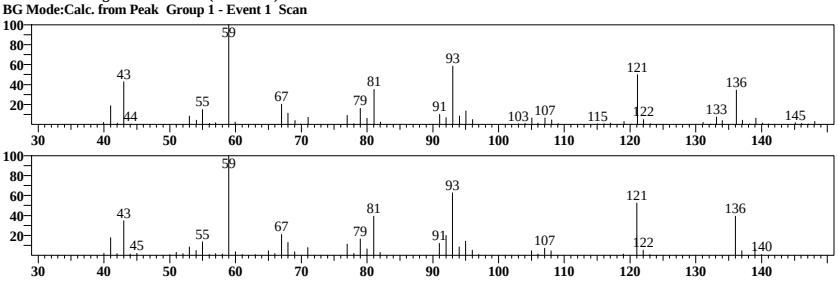
ID#:125 Name:Alpha-Terpineol Type:Target No Manual Integration

Mass:59.00 R.T:12.152 Area:161240 Conc:27.01126ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	93.00	48347	58.59	49.35
2	121.00	41183	49.91	34.59



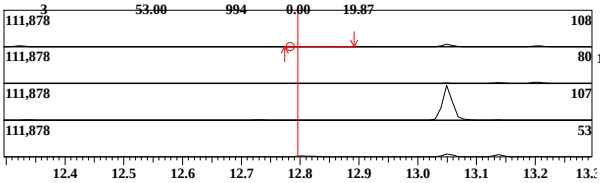
ID#:125 R.Time:12.154(Scan#:1751)
MassPeaks:59
RawMode:Averaged 12.144-12.164(1749-1753)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



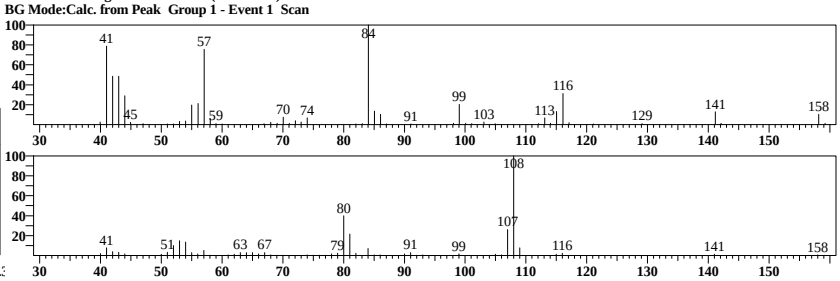
ID#:126 Name:p-Phenylenediamine Type:Target Manual Integration Performed
Manual Reason: Peak not found. CMN 12/15/2022

Mass:108.00 R.T:12.784 Area:0 Conc:1.76303ppm
Event:1:Scan SI:42

#	m/z	Area	Ratio	Reference
1	80.00	0	* 0.00	40.53
2	107.00	0	* 0.00	26.48
3	53.00	994	0.00	19.87



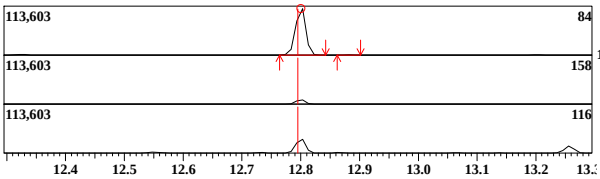
ID#:126 R.Time:12.784(Scan#:1879)
MassPeaks:50
RawMode:Averaged 12.774-12.793(1877-1881)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:127 Name:N-Nitrosodi-n-butylamine Type:Target No Manual Integration

Mass:84.00 R.T:12.801 Area:135430 Conc:28.00526ppm
Event:1:Scan SI:93

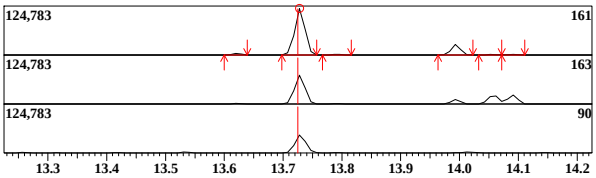
#	m/z	Area	Ratio	Reference
1	158.00	6512	9.22	7.76
2	116.00	21137	29.93	26.54



ID#:128 Name:2,3-Dichloroaniline Type:Target No Manual Integration

Mass:161.00 R.T:13.728 Area:146877 Conc:25.67017ppm
Event:1:Scan SI:80

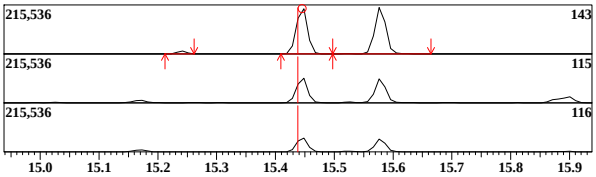
#	m/z	Area	Ratio	Reference
1	163.00	49201	63.18	65.37
2	90.00	30925	39.71	40.30



ID#:129 Name:1-Naphthylamine Type:Target No Manual Integration

Mass:143.00 R.T:15.446 Area:274086 Conc:22.19009ppm
Event:1:Scan SI:74

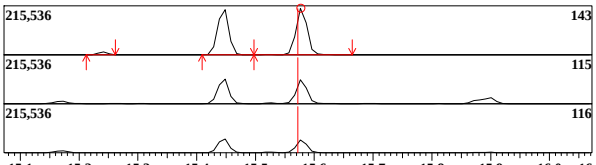
#	m/z	Area	Ratio	Reference
1	115.00	74800	53.81	52.19
2	116.00	43129	31.03	27.17



ID#:130 Name:2-Naphthylamine Type:Target No Manual Integration

Mass:143.00 R.T:15.578 Area:279506 Conc:19.62781ppm
Event:1:Scan SI:98

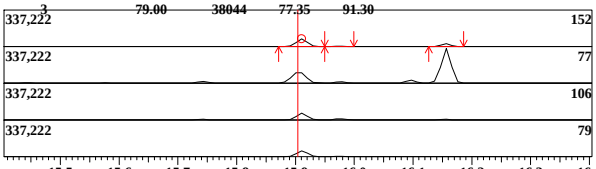
#	m/z	Area	Ratio	Reference
1	115.00	71272	50.35	53.22
2	116.00	38933	27.51	24.69



ID#:131 Name:5-Nitro-o-Toluidine Type:Target No Manual Integration

Mass:152.00 R.T:15.910 Area:96661 Conc:28.69152ppm
Event:1:Scan SI:69

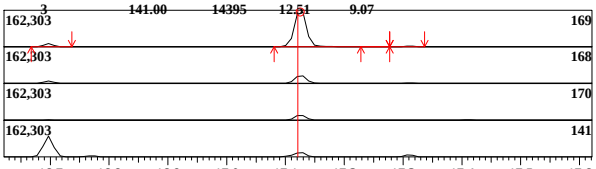
#	m/z	Area	Ratio	Reference
1	77.00	77592	* 157.75	101.00
2	106.00	42769	86.95	102.30
3	79.00	38044	77.35	91.30



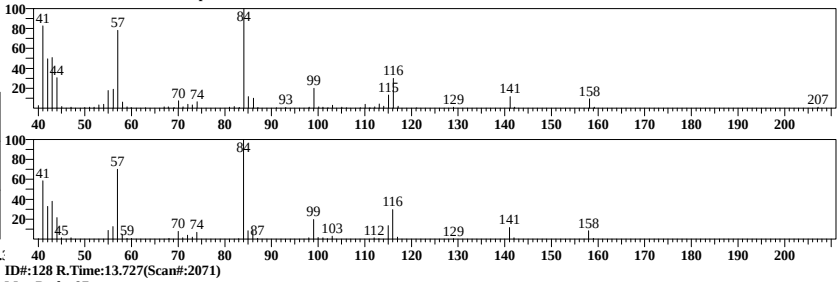
ID#:132 Name:4-Aminobiphenyl Type:Target No Manual Integration

Mass:169.00 R.T:17.125 Area:242860 Conc:17.58055ppm
Event:1:Scan SI:69

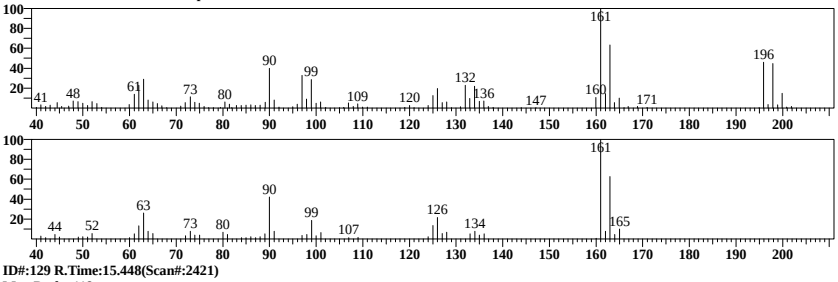
#	m/z	Area	Ratio	Reference
1	168.00	24767	21.53	21.00
2	170.00	15333	13.33	13.72
3	141.00	14395	12.51	9.07



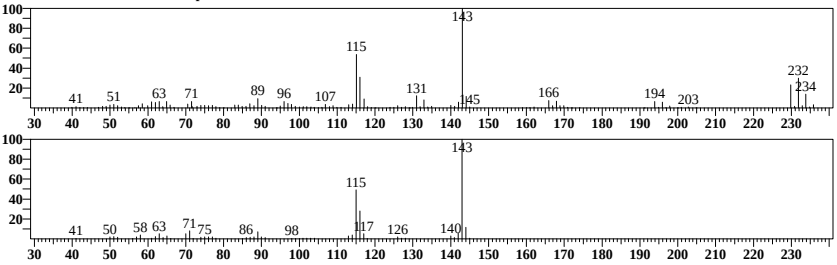
ID#:127 R.Time:12.803(Scan#:1883)
MassPeaks:60
RawMode:Averaged 12.793-12.813(1881-1885)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



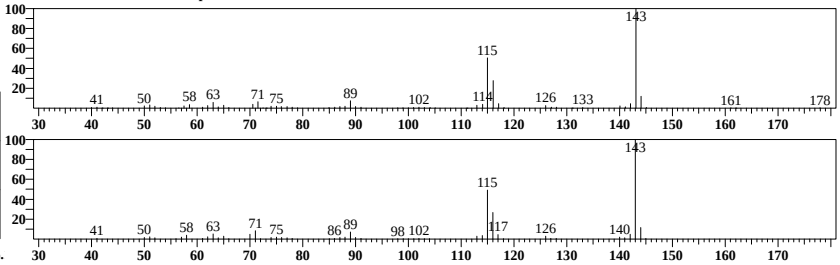
ID#:128 R.Time:13.727(Scan#:2071)
MassPeaks:97
RawMode:Averaged 13.718-13.737(2069-2073)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



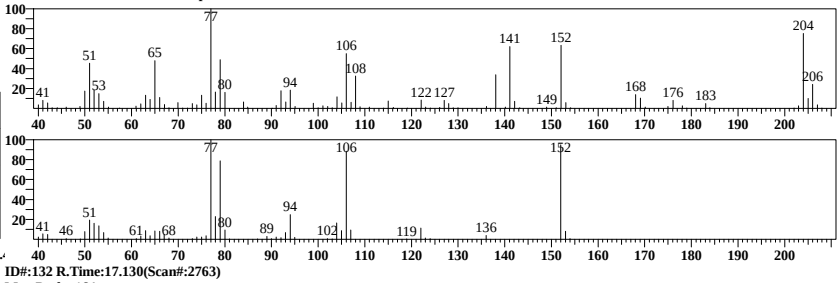
ID#:129 R.Time:15.448(Scan#:2421)
MassPeaks:118
RawMode:Averaged 15.438-15.458(2419-2423)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



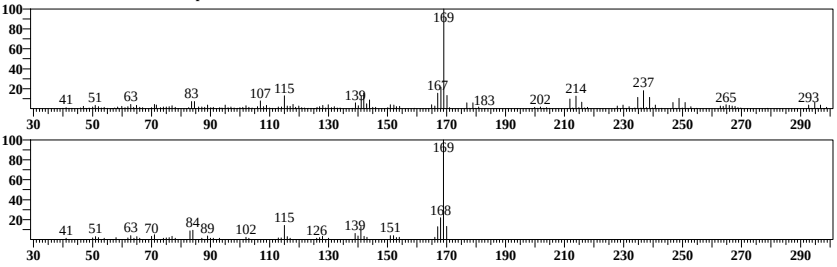
ID#:130 R.Time:15.576(Scan#:2447)
MassPeaks:65
RawMode:Averaged 15.566-15.586(2445-2449)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:131 R.Time:15.911(Scan#:2515)
MassPeaks:92
RawMode:Averaged 15.901-15.920(2513-2517)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



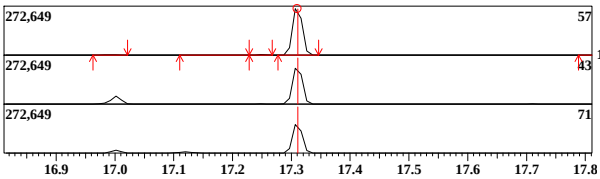
ID#:132 R.Time:17.130(Scan#:2763)
MassPeaks:164
RawMode:Averaged 17.120-17.140(2761-2765)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:133 Name:n-Octadecane Type:Target No Manual Integration

Mass:57.00 R.T:17.310 Area:315377 Conc:24.27210ppm
Event:1:Scan SI:97

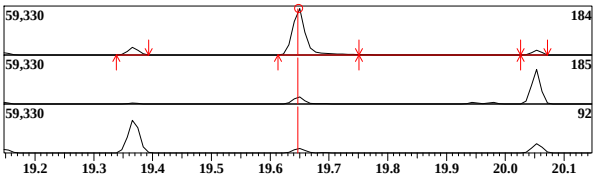
#	m/z	Area	Ratio	Reference
1	43.00	132777	78.46	56.74
2	71.00	103138	60.95	60.93



ID#:134 Name:Benzidine Type:Target No Manual Integration

Mass:184.00 R.T:19.649 Area:89368 Conc:6.89324ppm
Event:1:Scan SI:94

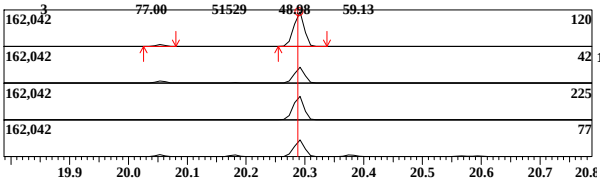
#	m/z	Area	Ratio	Reference
1	185.00	6446	15.49	16.81
2	92.00	4366	10.49	13.33



ID#:135 Name:4-Dimethyl aminoazobenzene Type:Target No Manual Integration

Mass:120.00 R.T:20.290 Area:191725 Conc:27.15849ppm
Event:1:Scan SI:97

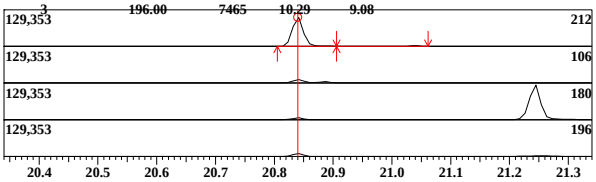
#	m/z	Area	Ratio	Reference
1	42.00	48018	45.65	45.74
2	225.00	72209	68.64	69.96
3	77.00	51529	48.98	59.13



ID#:136 Name:3,3'-Dimethylbenzidine Type:Target No Manual Integration

Mass:212.00 R.T:20.840 Area:139647 Conc:9.02769ppm
Event:1:Scan SI:95

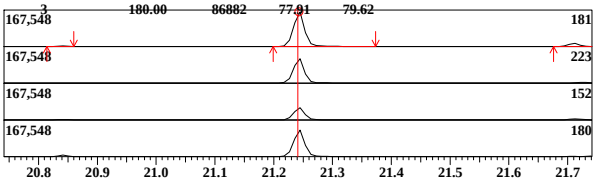
#	m/z	Area	Ratio	Reference
1	106.00	8539	11.77	14.74
2	180.00	5022	6.92	7.46
3	196.00	7465	10.29	9.08



ID#:137 Name:2-Acetylaminofluorene Type:Target No Manual Integration

Mass:181.00 R.T:21.243 Area:220517 Conc:28.74750ppm
Event:1:Scan SI:96

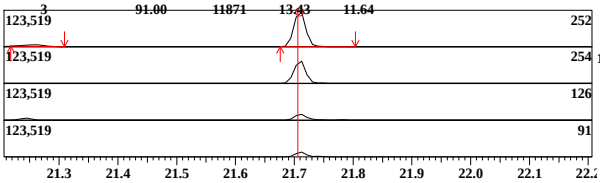
#	m/z	Area	Ratio	Reference
1	223.00	78457	70.36	67.03
2	152.00	39823	35.71	31.35
3	180.00	86882	77.91	79.62



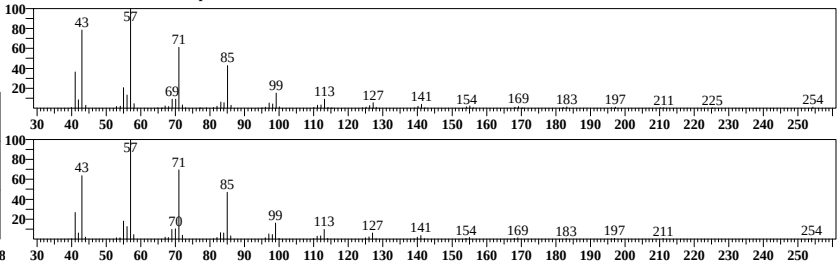
ID#:138 Name:3,3`-Dichlorobenzidine Type:Target No Manual Integration

Mass:252.00 R.T:21.709 Area:173111 Conc:23.79488ppm
Event:1:Scan SI:60

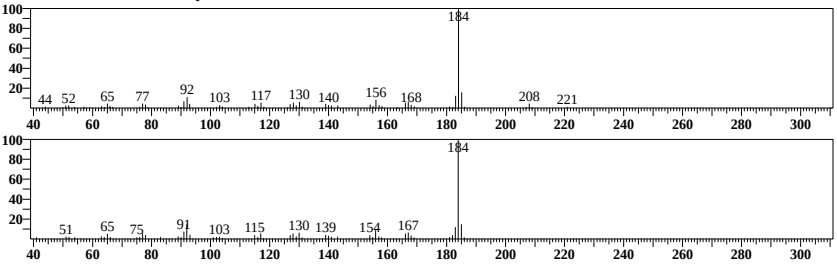
#	m/z	Area	Ratio	Reference
1	254.00	54779	61.95	65.16
2	126.00	14871	16.82	14.83
3	91.00	11871	13.43	11.64



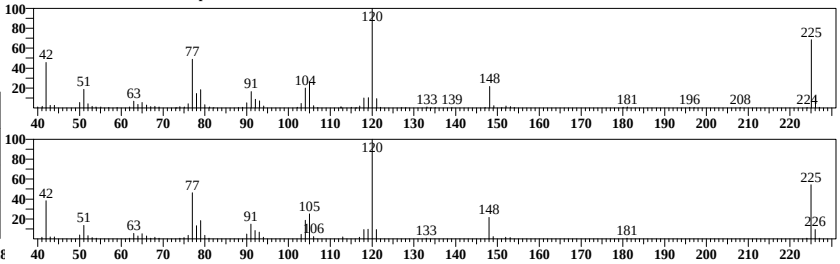
ID#:133 R.Time:17.307(Scan#:2799)
MassPeaks:63
RawMode:Averaged 17.297-17.317(2797-2801)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



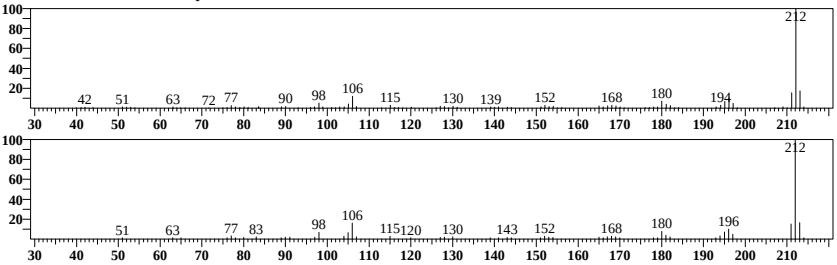
ID#:134 R.Time:19.650(Scan#:3289)
MassPeaks:60
RawMode:Averaged 19.641-19.659(3287-3291)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



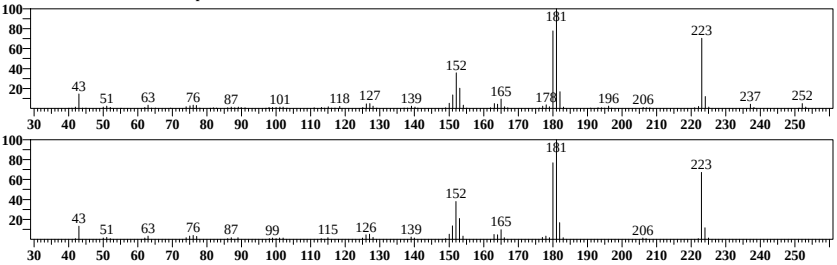
ID#:135 R.Time:20.292(Scan#:3429)
MassPeaks:76
RawMode:Averaged 20.282-20.301(3427-3431)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



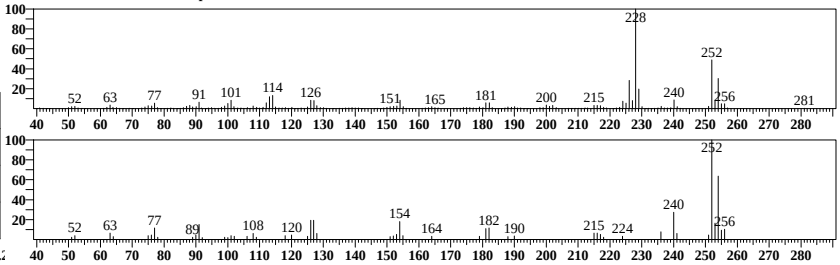
ID#:136 R.Time:20.842(Scan#:3549)
MassPeaks:88
RawMode:Averaged 20.833-20.851(3547-3551)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



ID#:137 R.Time:21.245(Scan#:3637)
MassPeaks:93
RawMode:Averaged 21.236-21.254(3635-3639)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



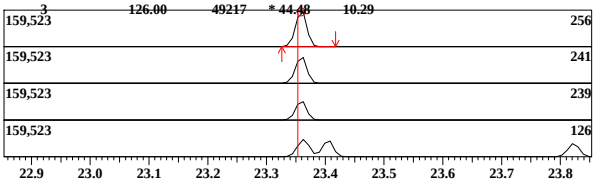
ID#:138 R.Time:21.712(Scan#:3739)
MassPeaks:174
RawMode:Averaged 21.703-21.722(3737-3741)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



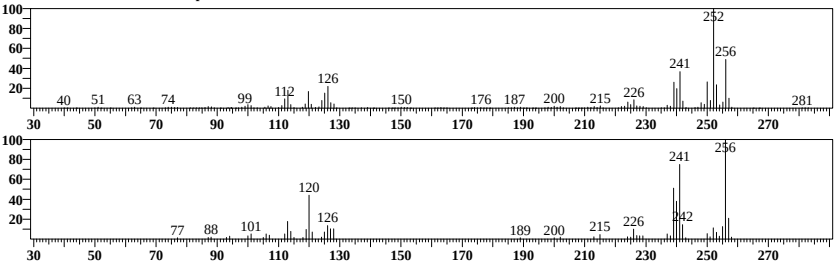
ID#:139 Name:7,12-Dimethylbenz[a]anthracene Type:Target No Manual Integratio

Mass:256.00 R.T:23.360 Area:211821 Conc:24.64716ppm
Event:1:Scan SI:78

#	m/z	Area	Ratio	Reference
1	241.00	82807	74.83	62.70
2	239.00	58623	52.97	44.31
3	126.00	49217	* 44.48	10.29



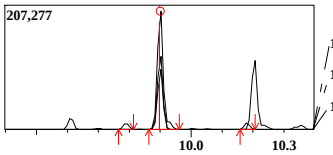
ID#:139 R.Time:23.363(Scan#:4099)
MassPeaks:147
RawMode:Averaged 23.353-23.372(4097-4101)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



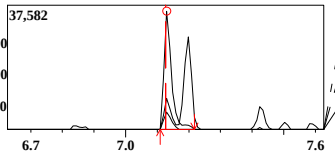
Before Manual Integrations

Analyst: CMN **Instr: J7H** **Trace Number:**
Method: 8270D **Batch:2625**
Sample ID: 4560645MSD **Data File: C:\GCMSsolution\Data\221214H018.qgd**
Date: 12/14/2022 **Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm**
Time: 19:27:26 **Sample Name: 4560645MSD**
Dilution: 1

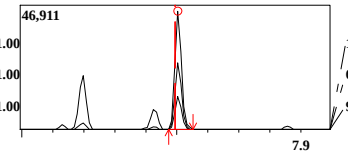
ID#:1 **Name:1,4-Dichlorobenzene-d4 (IS)**
Mass:150.00 **Type:ISTD**
R.T:9.900 **Area:268317** **Conc:40.00000ppm**



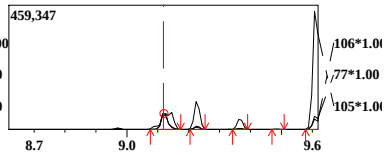
ID#:4 **Name:Methyl methanesulfonate**
Mass:80.00 **Type:Target**
R.T:7.131 **Area:58581** **Conc:16.37345ppm**



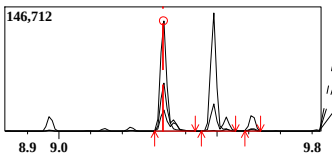
ID#:5 **Name:2-Fluorophenol**
Mass:112.00 **Type:Surrogate/SMC**
R.T:7.503 **Area:66795** **Conc:10.49066ppm**



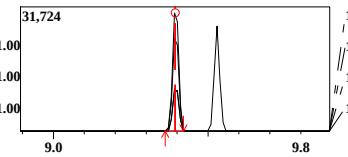
ID#:7 **Name:Benzaldehyde**
Mass:106.00 **Type:Target**
R.T:9.120 **Area:96766** **Conc:18.06257ppm**



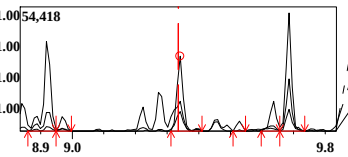
ID#:8 **Name:Aniline**
Mass:93.00 **Type:Target**
R.T:9.330 **Area:182971** **Conc:18.11256ppm**



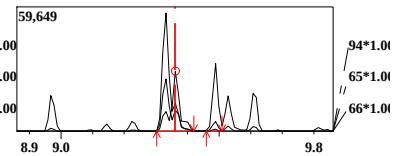
ID#:9 **Name:Pentachloroethane**
Mass:167.00 **Type:Target**
R.T:9.395 **Area:43957** **Conc:22.26320ppm**



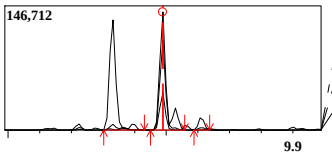
ID#:10 **Name:Phenol-d6**
Mass:99.00 **Type:Surrogate/SMC**
R.T:9.341 **Area:45310** **Conc:5.93693ppm**



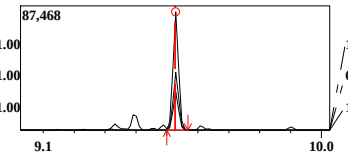
ID#:11 **Name:Phenol**
Mass:94.00 **Type:Target**
R.T:9.362 **Area:57198** **Conc:6.03784ppm**



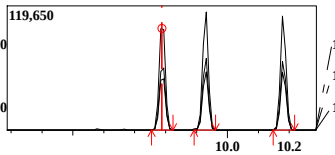
ID#:12 **Name:bis(2-Chloroethyl)Ether**
Mass:93.00 **Type:Target**
R.T:9.488 **Area:173713** **Conc:24.55630ppm**



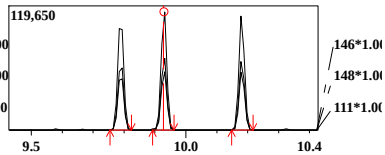
ID#:13 **Name:2-Chlorophenol**
Mass:128.00 **Type:Target**
R.T:9.528 **Area:106258** **Conc:15.83615ppm**



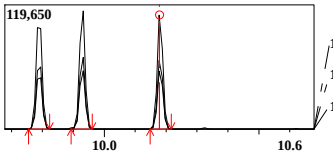
ID#:14 **Name:1,3-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.789 **Area:146526** **Conc:21.33447ppm**



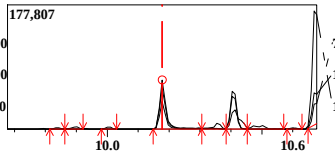
ID#:15 **Name:1,4-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.929 **Area:149316** **Conc:21.25772ppm**



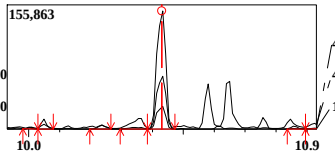
ID#:16 **Name:1,2-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:10.179 **Area:144061** **Conc:21.29206ppm**



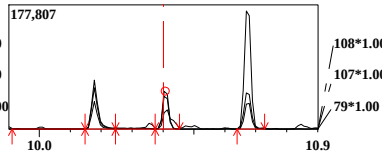
ID#:17 **Name:Benzyl Alcohol**
Mass:79.00 **Type:Target**
R.T:10.178 **Area:104461** **Conc:17.71878ppm**



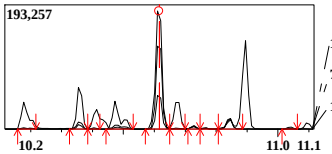
ID#:18 **Name:bis(2-Chloroisopropyl) Ether**
Mass:45.00 **Type:Target**
R.T:10.431 **Area:295426** **Conc:24.12099ppm**



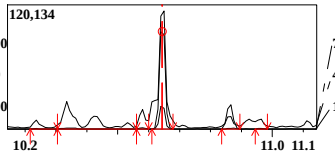
ID#:19 **Name:2-Methylphenol (o-Cresol)**
Mass:108.00 **Type:Target**
R.T:10.408 **Area:78333** **Conc:11.71474ppm**



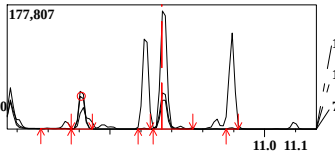
ID#:20 **Name:Acetophenone**
Mass:105.00 **Type:Target**
R.T:10.614 **Area:271373** **Conc:27.59641ppm**



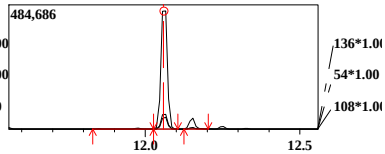
ID#:21 **Name:N-Nitrosodi-n-propylamine**
Mass:70.00 **Type:Target**
R.T:10.644 **Area:131421** **Conc:25.99751ppm**



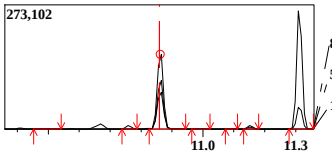
ID#:22 **Name:3+4-Methylphenol(m&p-Cresol)**
Mass:107.00 **Type:Target**
R.T:10.408 **Area:67246** **Conc:9.37276ppm**



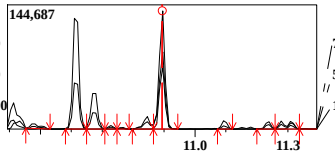
ID#:24 **Name:Naphthalene-d8 (IS)**
Mass:136.00 **Type:ISTD**
R.T:12.061 **Area:689381** **Conc:40.00000ppm**



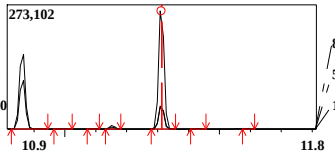
ID#:25 **Name:Nitrobenzene-d5**
Mass:82.00 **Type:Surrogate/SMC**
R.T:10.863 **Area:233582** **Conc:36.40759ppm**



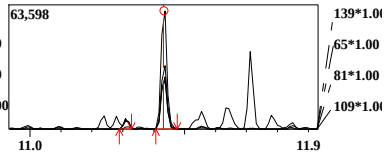
ID#:26 **Name:Nitrobenzene**
Mass:77.00 **Type:Target**
R.T:10.894 **Area:176798** **Conc:26.21016ppm**



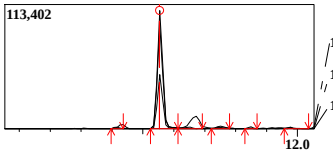
ID#:27 **Name:Isophorone**
Mass:82.00 **Type:Target**
R.T:11.311 **Area:332977** **Conc:25.06397ppm**



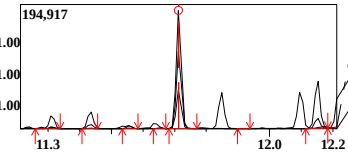
ID#:28 **Name:2-Nitrophenol**
Mass:139.00 **Type:Target**
R.T:11.433 **Area:81068** **Conc:24.51720ppm**



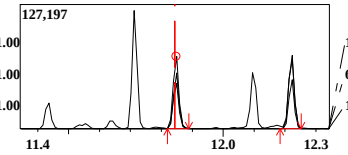
ID#:29 **Name:2,4-Dimethylphenol**
Mass:107.00 **Type:Target**
R.T:11.555 **Area:133393** **Conc:18.48182ppm**



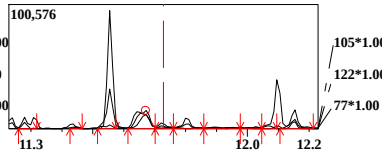
ID#:30 **Name:Bis(2-Chloroethoxy)methane**
Mass:93.00 **Type:Target**
R.T:11.713 **Area:210259** **Conc:24.94170ppm**



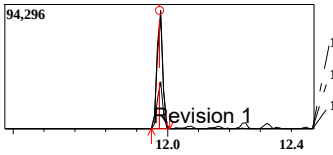
ID#:31 **Name:2,4-Dichlorophenol**
Mass:162.00 **Type:Target**
R.T:11.848 **Area:96654** **Conc:21.40774ppm**



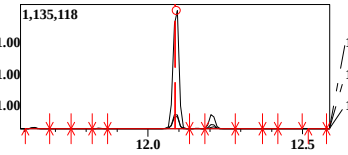
ID#:32 **Name:Benzoic Acid**
Mass:105.00 **Type:Target**
R.T:11.671 **Area:41597** **Conc:13.43212ppm**



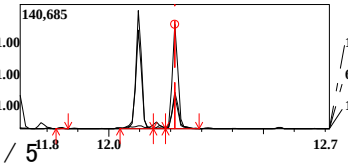
ID#:33 **Name:1,2,4-Trichlorobenzene**
Mass:180.00 **Type:Target**
R.T:11.975 **Area:115869** **Conc:24.24537ppm**



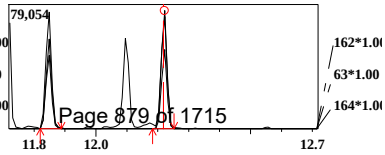
ID#:34 **Name:Naphthalene**
Mass:128.00 **Type:Target**
R.T:12.091 **Area:1480378** **Conc:62.74839ppm**



ID#:35 **Name:4-Chloroaniline**
Mass:127.00 **Type:Target**
R.T:12.214 **Area:152801** **Conc:18.43445ppm**

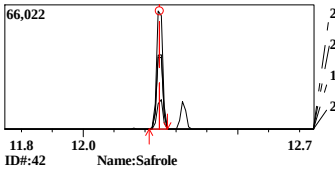


ID#:36 **Name:2,6-Dichlorophenol**
Mass:162.00 **Type:Target**
R.T:12.221 **Area:97214** **Conc:21.89473ppm**



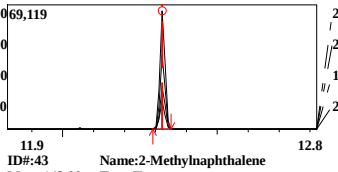
ID#:37 Name:Hexachloropropene
Mass:213.00 Type:Target

R.T:12.247 Area:88266 Conc:25.23059ppm



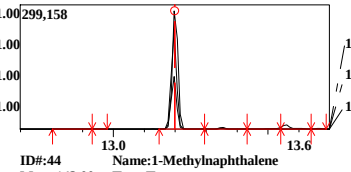
ID#:38 Name:Hexachlorobutadiene
Mass:225.00 Type:Target

R.T:12.322 Area:77511 Conc:23.61912ppm



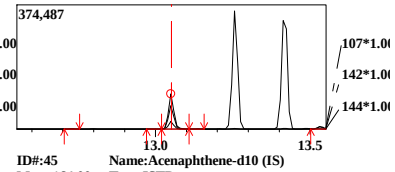
ID#:40 Name:2-Methylnaphthalene-d10
Mass:152.00 Type:Target

R.T:13.199 Area:374607 Conc:34.18006ppm



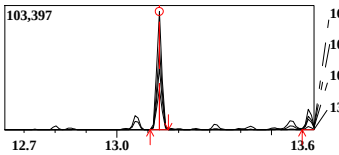
ID#:41 Name:4-Chloro-3-methylphenol
Mass:107.00 Type:Target

R.T:13.050 Area:129827 Conc:19.70941ppm



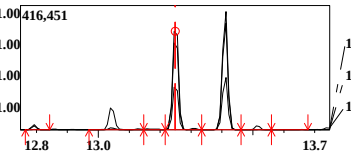
ID#:42 Name:Safrole
Mass:162.00 Type:Target

R.T:13.137 Area:113899 Conc:25.84146ppm



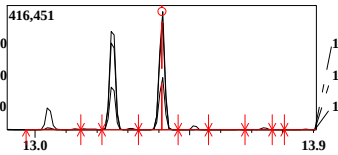
ID#:43 Name:2-Methylnaphthalene
Mass:142.00 Type:Target

R.T:13.250 Area:468065 Conc:31.13366ppm



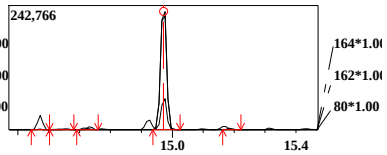
ID#:44 Name:1-Methylnaphthalene
Mass:142.00 Type:Target

R.T:13.411 Area:495363 Conc:34.73737ppm



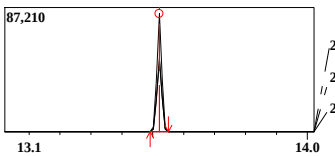
ID#:45 Name:Acenaphthene-d10 (IS)
Mass:164.00 Type:ISTD

R.T:14.972 Area:335817 Conc:40.00000ppm



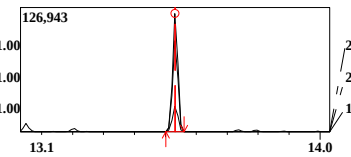
ID#:46 Name:Hexachlorocyclopentadiene
Mass:237.00 Type:Target

R.T:13.521 Area:94596 Conc:26.73459ppm



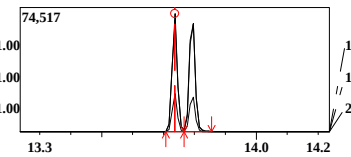
ID#:47 Name:1,2,4,5-Tetrachlorobenzene
Mass:216.00 Type:Target

R.T:13.531 Area:147036 Conc:24.58969ppm



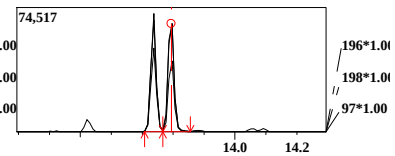
ID#:48 Name:2,4,6-Trichlorophenol
Mass:196.00 Type:Target

R.T:13.737 Area:84629 Conc:23.93414ppm



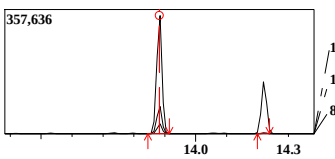
ID#:49 Name:2,4,5-Trichlorophenol
Mass:196.00 Type:Target

R.T:13.793 Area:92229 Conc:23.93505ppm



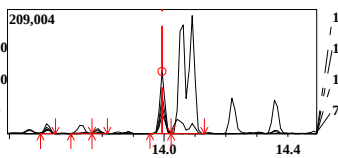
ID#:50 Name:2-Fluorobiphenyl
Mass:172.00 Type:Surrogate/SMC

R.T:13.883 Area:410406 Conc:33.70369ppm



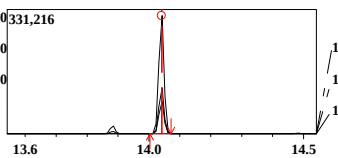
ID#:51 Name:Isosafrole
Mass:162.00 Type:Target

R.T:13.994 Area:118976 Conc:24.88791ppm



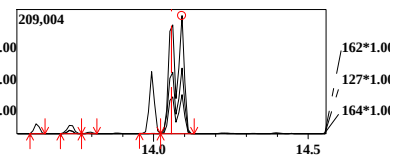
ID#:52 Name:1,1'-Biphenyl
Mass:154.00 Type:Target

R.T:14.041 Area:377224 Conc:24.89678ppm



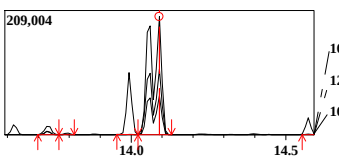
ID#:53 Name:2-Chloronaphthalene
Mass:162.00 Type:Target

R.T:14.090 Area:508359 Conc:43.24851ppm



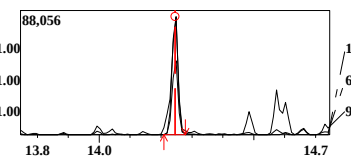
ID#:54 Name:1-Chloronaphthalene
Mass:162.00 Type:Target

R.T:14.090 Area:508359 Conc:55.25154ppm



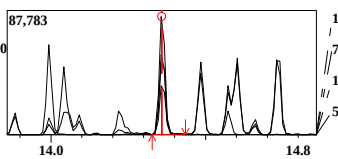
ID#:55 Name:2-Nitroaniline
Mass:138.00 Type:Target

R.T:14.246 Area:114756 Conc:27.12215ppm



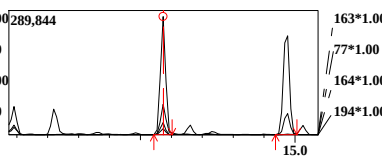
ID#:56 Name:1,4-Naphthoquinone
Mass:158.00 Type:Target

R.T:14.359 Area:114172 Conc:24.41595ppm



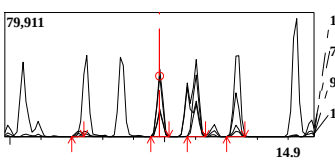
ID#:57 Name:Dimethyl phthalate
Mass:163.00 Type:Target

R.T:14.573 Area:323781 Conc:26.45058ppm



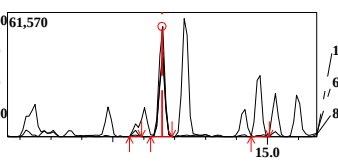
ID#:58 Name:1,3-Dinitrobenzene
Mass:168.00 Type:Target

R.T:14.485 Area:48464 Conc:27.27298ppm



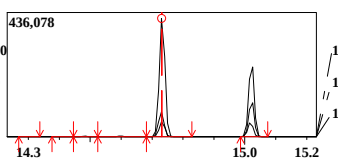
ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT)
Mass:165.00 Type:Target

R.T:14.659 Area:71694 Conc:27.31590ppm



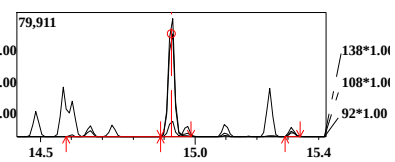
ID#:60 Name:Acenaphthylene
Mass:152.00 Type:Target

R.T:14.732 Area:548908 Conc:26.72850ppm



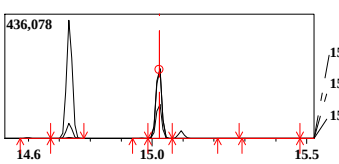
ID#:61 Name:3-Nitroaniline
Mass:138.00 Type:Target

R.T:14.924 Area:94886 Conc:26.94360ppm



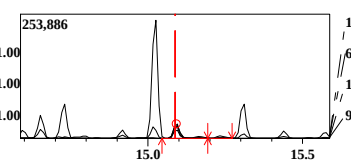
ID#:62 Name:Acenaphthene
Mass:154.00 Type:Target

R.T:15.023 Area:322887 Conc:23.69330ppm



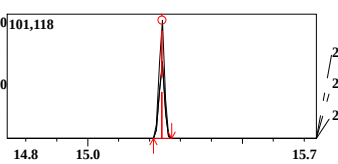
ID#:63 Name:2,4-Dinitrophenol
Mass:184.00 Type:Target

R.T:15.092 Area:42427 Conc:29.10862ppm



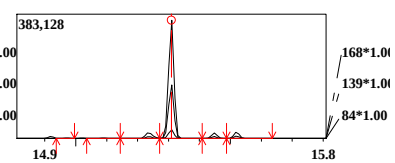
ID#:64 Name:Pentachlorobenzene
Mass:250.00 Type:Target

R.T:15.240 Area:120662 Conc:26.10575ppm



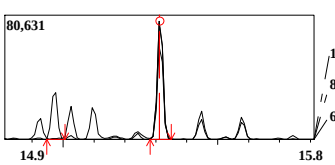
ID#:65 Name:Dibenzofuran
Mass:168.00 Type:Target

R.T:15.309 Area:451847 Conc:24.84324ppm



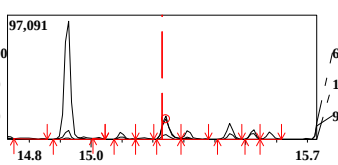
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT)
Mass:165.00 Type:Target

R.T:15.313 Area:103801 Conc:27.41268ppm



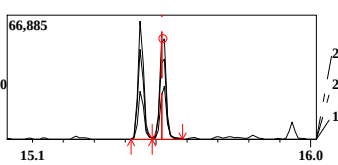
ID#:67 Name:4-Nitrophenol
Mass:65.00 Type:Target

R.T:15.241 Area:29068 Conc:12.33087ppm



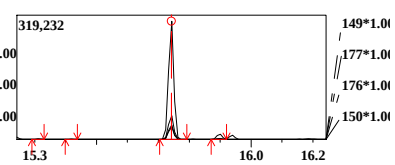
ID#:68 Name:2,3,4,6-Tetrachlorophenol
Mass:232.00 Type:Target

R.T:15.522 Area:81517 Conc:25.01867ppm



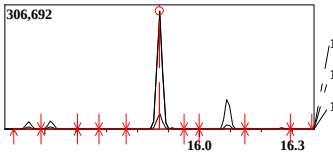
ID#:69 Name:Diethyl phthalate
Mass:149.00 Type:Target

R.T:15.742 Area:362342 Conc:27.17483ppm



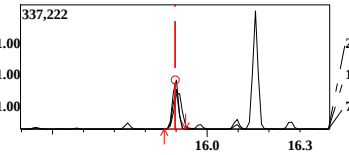
ID#:70 Name:Fluorene
Mass:166.00 Type:Target

R.T:15.871 Area:369967 Conc:24.96598ppm



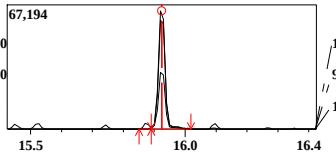
ID#:71 Name:4-Chlorophenyl phenyl ether
Mass:204.00 Type:Target

R.T:15.898 Area:178081 Conc:26.99427ppm



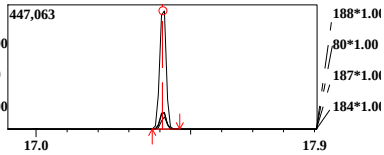
ID#:72 Name:4-Nitroaniline
Mass:138.00 Type:Target

R.T:15.924 Area:97663 Conc:29.79438ppm



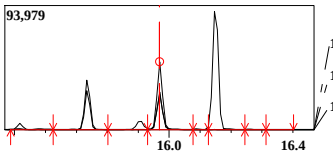
ID#:73 Name:Phenanthrene-d10 (IS)
Mass:188.00 Type:ISTD

R.T:17.410 Area:642821 Conc:40.00000ppm



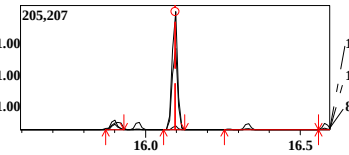
ID#:74 Name:4,6-Dinitro-2-methylphenol
Mass:198.00 Type:Target

R.T:15.970 Area:64422 Conc:32.20324ppm



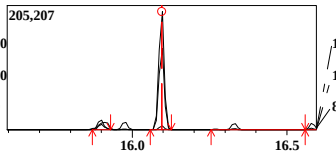
ID#:75 Name:N-Nitrosodiphenylamine
Mass:169.00 Type:Target

R.T:16.095 Area:241398 Conc:21.70634ppm



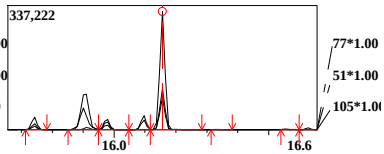
ID#:76 Name:Diphenylamine
Mass:169.00 Type:Target

R.T:16.095 Area:241398 Conc:21.70634ppm



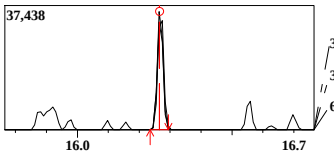
ID#:77 Name:1,2-Diphenylhydrazine
Mass:77.00 Type:Target

R.T:16.156 Area:385995 Conc:25.92253ppm



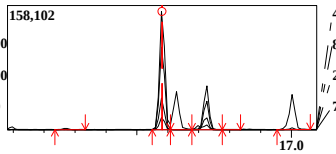
ID#:78 Name:2,4,6-Tribromophenol
Mass:330.00 Type:Surrogate/SMC

R.T:16.267 Area:47740 Conc:33.53961ppm



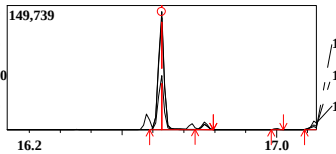
ID#:79 Name:(cis/trans)-Diallate
Mass:43.00 Type:Target

R.T:16.581 Area:188205 Conc:26.78862ppm



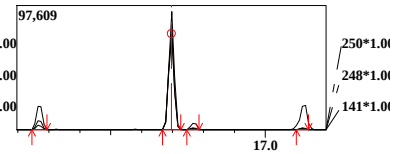
ID#:80 Name:Phenacetin
Mass:108.00 Type:Target

R.T:16.627 Area:183373 Conc:25.12228ppm



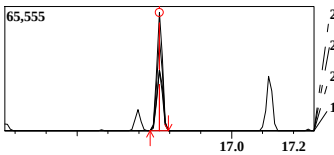
ID#:81 Name:4-Bromophenyl phenyl ether
Mass:250.00 Type:Target

R.T:16.696 Area:92777 Conc:25.13597ppm



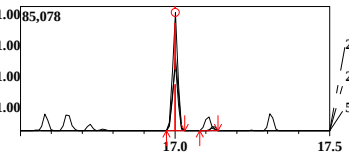
ID#:82 Name:Hexachlorobenzene
Mass:284.00 Type:Target

R.T:16.767 Area:81332 Conc:24.17441ppm



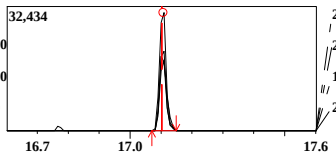
ID#:83 Name:Atrazine
Mass:200.00 Type:Target

R.T:17.001 Area:95235 Conc:25.60570ppm



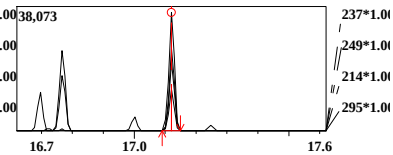
ID#:84 Name:Pentachlorophenol
Mass:266.00 Type:Target

R.T:17.106 Area:47620 Conc:27.72248ppm



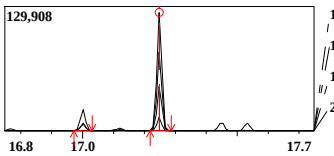
ID#:85 Name:Pentachloronitrobenzene
Mass:237.00 Type:Target

R.T:17.121 Area:47135 Conc:26.83381ppm



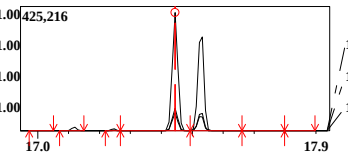
ID#:86 Name:Pronamide (Kerb)
Mass:173.00 Type:Target

R.T:17.248 Area:143418 Conc:26.36566ppm



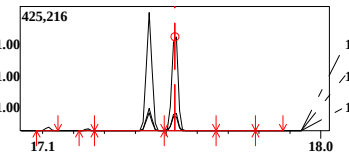
ID#:87 Name:Phenanthrene
Mass:178.00 Type:Target

R.T:17.445 Area:519806 Conc:24.40368ppm



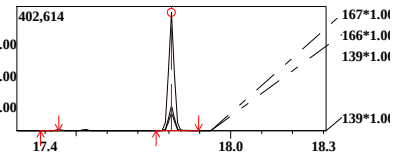
ID#:88 Name:Anthracene
Mass:178.00 Type:Target

R.T:17.529 Area:468069 Conc:21.01861ppm



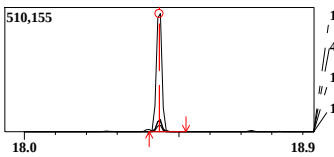
ID#:89 Name:Carbazole
Mass:167.00 Type:Target

R.T:17.808 Area:481748 Conc:24.30603ppm



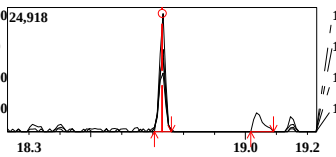
ID#:90 Name:Di-n-butyl phthalate
Mass:149.00 Type:Target

R.T:18.436 Area:647336 Conc:27.69468ppm



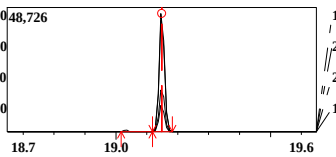
ID#:91 Name:4-Nitroquinoline-N-Oxide
Mass:190.00 Type:Target

R.T:18.732 Area:30145 Conc:22.19277ppm



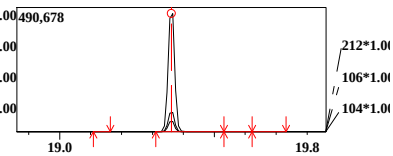
ID#:92 Name:Isodrin
Mass:193.00 Type:Target

R.T:19.148 Area:59117 Conc:27.94626ppm



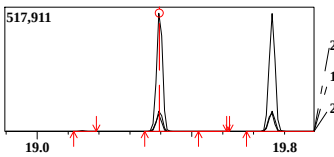
ID#:93 Name:Fluoranthene-d10
Mass:212.00 Type:Target

R.T:19.362 Area:711548 Conc:35.69185ppm



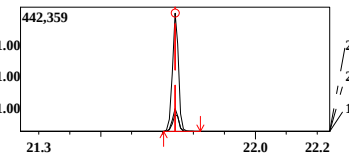
ID#:94 Name:Fluoranthene
Mass:202.00 Type:Target

R.T:19.396 Area:677548 Conc:25.81687ppm



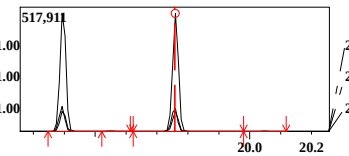
ID#:95 Name:Chrysene-d12 (IS)
Mass:240.00 Type:ISTD

R.T:21.741 Area:584804 Conc:40.00000ppm



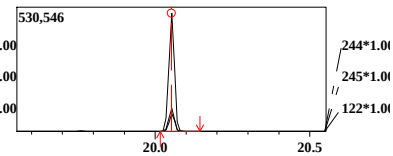
ID#:96 Name:Pyrene
Mass:202.00 Type:Target

R.T:19.760 Area:672738 Conc:24.49161ppm



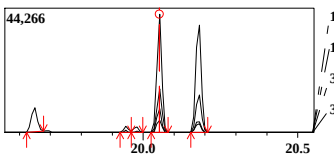
ID#:97 Name:p-Terphenyl-d14
Mass:244.00 Type:Surrogate/SMC

R.T:20.053 Area:639291 Conc:36.73069ppm



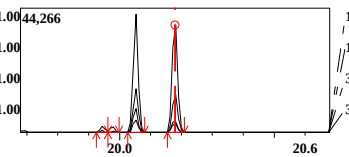
ID#:98 Name:Aramite A
Mass:185.00 Type:Target

R.T:20.053 Area:46851 Conc:13.48033ppm



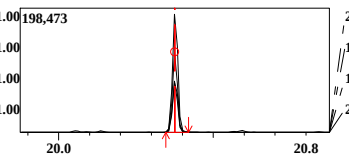
ID#:99 Name:Aramite B
Mass:185.00 Type:Target

R.T:20.179 Area:48571 Conc:13.90935ppm



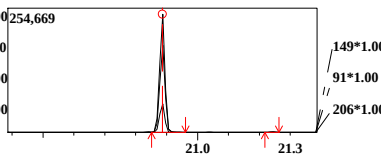
ID#:100 Name:Chlorobenzilate
Mass:251.00 Type:Target

R.T:20.375 Area:149767 Conc:27.84575ppm



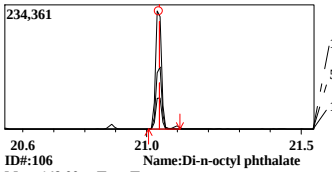
ID#:101 Name:Butyl benzyl phthalate
Mass:149.00 Type:Target

R.T:20.886 Area:282897 Conc:27.16700ppm



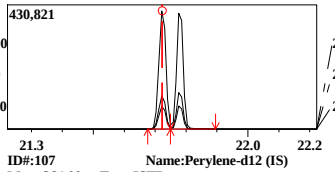
ID#:102 Name:Di(2-ethylhexyl) adipate
Mass:129.00 Type:Target

R.T:21.038 Area:296943 Conc:26.48255ppm



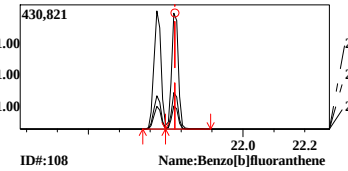
ID#:103 Name:Benzo[a]anthracene
Mass:228.00 Type:Target

R.T:21.724 Area:648425 Conc:26.56305ppm



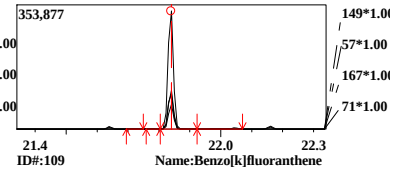
ID#:104 Name:Chrysene
Mass:228.00 Type:Target

R.T:21.780 Area:605358 Conc:24.49638ppm



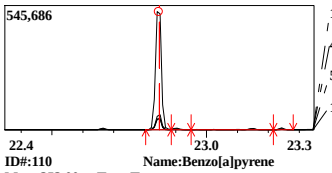
ID#:105 Name:Bis(2-Ethylhexyl) phthalate
Mass:149.00 Type:Target

R.T:21.839 Area:416068 Conc:27.23213ppm



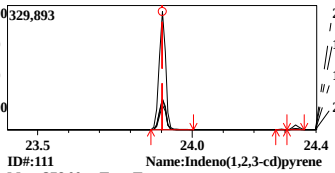
ID#:106 Name:Di-n-octyl phthalate
Mass:149.00 Type:Target

R.T:22.844 Area:713990 Conc:27.98838ppm



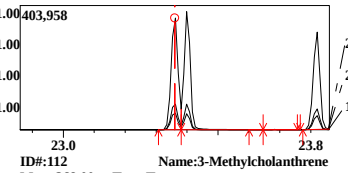
ID#:107 Name:Perylene-d12 (IS)
Mass:264.00 Type:ISTD

R.T:23.904 Area:460845 Conc:40.00000ppm



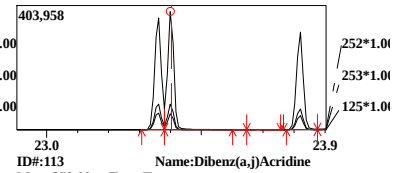
ID#:108 Name:Benzo[b]fluoranthene
Mass:252.00 Type:Target

R.T:23.360 Area:572126 Conc:25.07256ppm



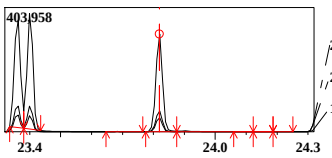
ID#:109 Name:Benzo[k]fluoranthene
Mass:252.00 Type:Target

R.T:23.401 Area:519157 Conc:23.87367ppm



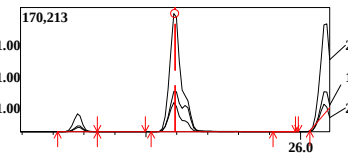
ID#:110 Name:Benzo[a]pyrene
Mass:252.00 Type:Target

R.T:23.819 Area:475246 Conc:26.64276ppm



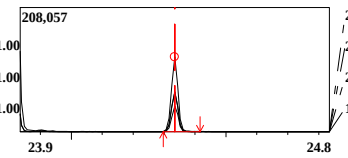
ID#:111 Name:Indeno(1,2,3-cd)pyrene
Mass:276.00 Type:Target

R.T:25.594 Area:444676 Conc:34.22501ppm



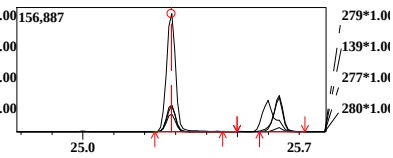
ID#:112 Name:3-Methylcholanthrene
Mass:268.00 Type:Target

R.T:24.334 Area:185377 Conc:23.24872ppm



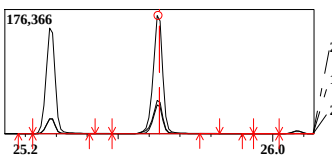
ID#:113 Name:Dibenz(a,j)Acridine
Mass:279.00 Type:Target

R.T:25.285 Area:306947 Conc:26.26246ppm



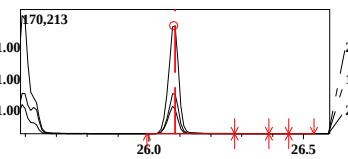
ID#:114 Name:Dibenzo[a,h]anthracene
Mass:278.00 Type:Target

R.T:25.630 Area:369946 Conc:27.05222ppm



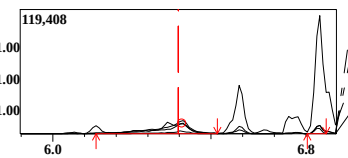
ID#:115 Name:Benzo[g,h,i]perylene
Mass:276.00 Type:Target

R.T:26.080 Area:349909 Conc:24.85614ppm



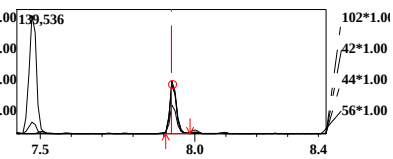
ID#:117 Name:N-Nitrosomethylethylamine
Mass:88.00 Type:Target

R.T:6.408 Area:63606 Conc:20.06445ppm



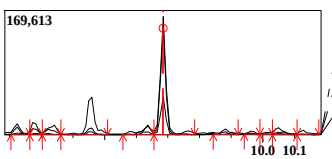
ID#:118 Name:N-Nitrosodiethylamine
Mass:102.00 Type:Target

R.T:7.928 Area:81970 Conc:23.74273ppm



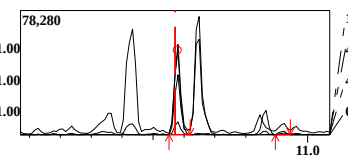
ID#:119 Name:n-Decane
Mass:57.00 Type:Target

R.T:9.685 Area:173491 Conc:19.18716ppm



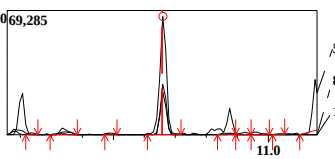
ID#:120 Name:N-Nitrosopyrrolidine
Mass:100.00 Type:Target

R.T:10.579 Area:74514 Conc:22.21213ppm



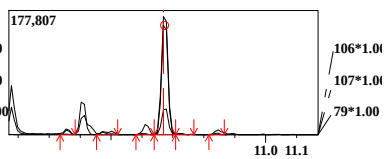
ID#:121 Name:N-Nitrosomorpholine
Mass:56.00 Type:Target

R.T:10.661 Area:98996 Conc:23.80333ppm



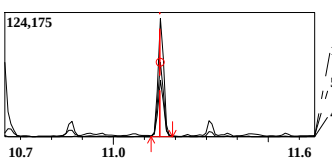
ID#:122 Name:o-Toluidine
Mass:106.00 Type:Target

R.T:10.673 Area:232083 Conc:21.55382ppm



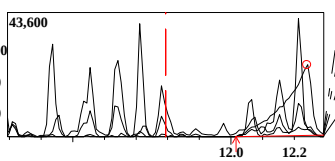
ID#:123 Name:N-Nitrosopiperidine
Mass:114.00 Type:Target

R.T:11.152 Area:95655 Conc:26.92340ppm



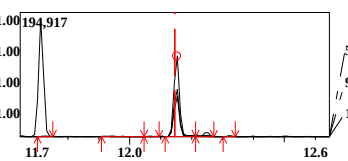
ID#:124 Name:a,a-Dimethylphenethylamine
Mass:58.00 Type:Target

R.T:12.240 Area:146658 Conc:8.58302ppm



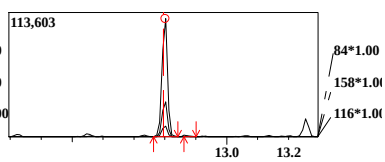
ID#:125 Name:Alpha-Terpineol
Mass:59.00 Type:Target

R.T:12.152 Area:161240 Conc:27.01126ppm



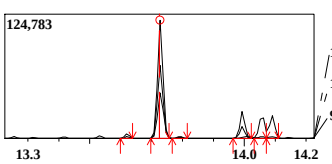
ID#:127 Name:N-Nitrosodi-n-butylamine
Mass:84.00 Type:Target

R.T:12.801 Area:135430 Conc:28.00526ppm



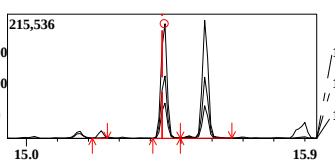
ID#:128 Name:2,3-Dichloroaniline
Mass:161.00 Type:Target

R.T:13.728 Area:146877 Conc:25.67017ppm



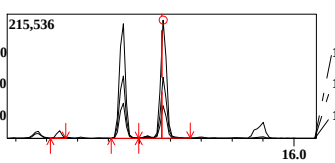
ID#:129 Name:1-Naphthylamine
Mass:143.00 Type:Target

R.T:15.446 Area:274086 Conc:22.19009ppm



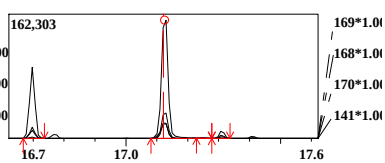
ID#:130 Name:2-Naphthylamine
Mass:143.00 Type:Target

R.T:15.578 Area:279506 Conc:19.62781ppm



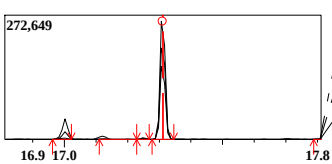
ID#:132 Name:4-Aminobiphenyl
Mass:169.00 Type:Target

R.T:17.125 Area:242860 Conc:17.58055ppm



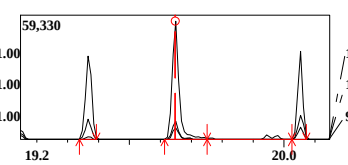
ID#:133 Name:n-Octadecane
Mass:57.00 Type:Target

R.T:17.310 Area:315377 Conc:24.27210ppm



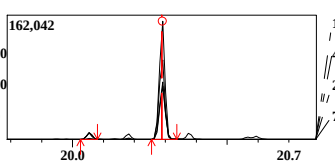
ID#:134 Name:Benzidine
Mass:184.00 Type:Target

R.T:19.649 Area:89368 Conc:6.89324ppm



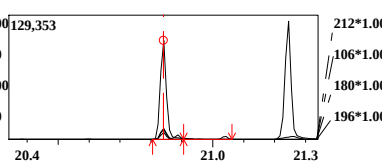
ID#:135 Name:4-Dimethyl aminoazobenzene
Mass:120.00 Type:Target

R.T:20.290 Area:191725 Conc:27.15849ppm



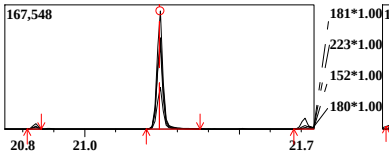
ID#:136 Name:3,3'-Dimethylbenzidine
Mass:212.00 Type:Target

R.T:20.840 Area:139647 Conc:9.02769ppm



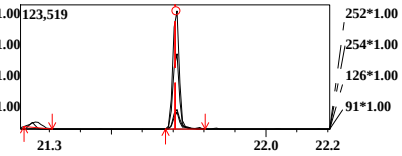
ID#:137 Name:2-Acetylaminofluorene
Mass:181.00 Type:Target

R.T:21.243 Area:220517 Conc:28.74750ppm



ID#:138 Name:3,3`-Dichlorobenzidine
Mass:252.00 Type:Target

R.T:21.709 Area:173111 Conc:23.79488ppm



Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS

LABORATORY CONTROL SAMPLE REPORT

FORM 3C

SW-846 8270D

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

LCS Sample ID: 4560642
Date Extracted: 11/23/2022 09:00
Date Analyzed: 12/14/2022 16:42
Dilution Factor: 1
LCS File ID: 221214H014.qgd

Matrix: WATER
LCS Wgt/Vol: 1000.0 mL
Final Volume: 1000 uL
% Moisture: 100.00
Lims Analytical Batch: 2625
Lims Prep Batch: 5238

Prep Method: SW-846 3510C

Units: ug/L

Parameter	Conc Added	Results LCS	%Rec LCS	Q	QC Limits Recovery
1-Methylnaphthalene*	50.0	30.2	60.4		41 - 115
2-Methylnaphthalene*	50.0	30.4	60.8		39 - 114
Benzo[a]anthracene*	50.0	36.4	72.9		59 - 120
Bis(2-Ethylhexyl) phthalate	50.0	36.9	73.8		55 - 135
Dibenzo[a,h]anthracene*	50.0	35.8	71.5		44 - 131
Naphthalene*	50.0	30.2	60.5		43 - 114

Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS

LAB CONTROL SAMPLE/LAB CONTROL SAMPLE DUPLICATE REPORT

FORM 3C

SW-846 8270D

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

LCSD Sample ID:	4560643	**Matrix:**	WATER
Date Extracted:	11/23/2022 09:00	**LCSD Wgt/Vol:**	1000.0 mL
LCSD Analyzed:	12/14/2022 17:23	**LCSD Final Volume:**	1000 uL
LCSD Dilution :	1.0	**% Moisture:**	100.00
LCSD File ID:	221214H015.qgd	**Lims Analytical Batch:**	2625
		Lims Prep Batch:	5238
Prep Method:	SW-846 3510C	**Units:**	ug/L

Parameters	Conc Added	Results LCSD	%Rec LCSD	Q	RPD	Q	QC Limits Recovery	QC Limits RPD
1-Methylnaphthalene*	50.0	29.0	58.0		4.1		41 - 115	20
2-Methylnaphthalene*	50.0	28.6	57.3		5.9		39 - 114	20
Benzo[a]anthracene*	50.0	33.0	66.0		9.8		59 - 120	20
Bis(2-Ethylhexyl) phthalate	50.0	33.6	67.2		9.5		55 - 135	20
Dibenzo[a,h]anthracene*	50.0	34.4	68.8		3.8		44 - 131	20
Naphthalene*	50.0	28.8	57.6		4.8		43 - 114	20

* = Values outside of QC Limits

Analyst: CMN Instrument: J7H Trace Number:
Method: 8270D Batch:2625
Sample ID: 4560642LCS Data File: C:\GCMSsolution\Data\221214H014.qgd
Date: 12/14/2022 Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm
Time: 16:42:28 Sample Name: 4560642LCS
Dilution: 1

Internal Standard

ID#	Name	Mass	Time	Area	Conc.
1	1,4-Dichlorobenzene-d4 (IS)	150.00	9.90	256094	40.00
24	Naphthalene-d8 (IS)	136.00	12.06	690171	40.00
45	Acenaphthene-d10 (IS)	164.00	14.97	327160	40.00
73	Phenanthrene-d10 (IS)	188.00	17.41	599935	40.00
95	Chrysene-d12 (IS)	240.00	21.74	535654	40.00
107	Perylene-d12 (IS)	264.00	23.90	425368	40.00

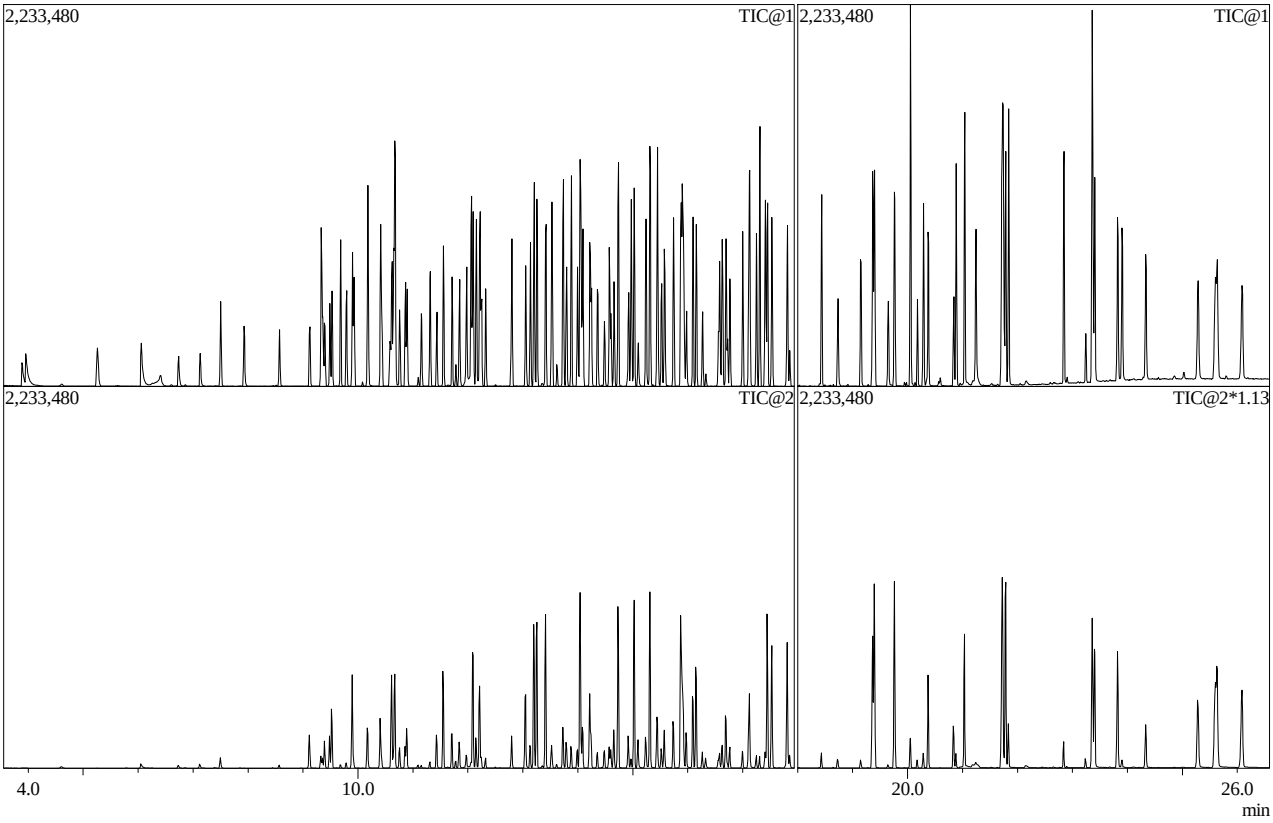
Surrogate

ID#	Name	Mass	Time	Area	Conc.
5	2-Fluorophenol	112.00	7.50	222321	36.58
10	Phenol-d6	99.00	9.34	222184	30.50
25	Nitrobenzene-d5	82.00	10.86	257560	40.10
50	2-Fluorobiphenyl	172.00	13.88	477364	40.24
78	2,4,6-Tribromophenol	330.00	16.27	54285	40.26
97	p-Terphenyl-d14	244.00	20.05	726191	45.55

Target

ID#	Name	Mass	Time	Area	Conc.
2	N-Nitrosodimethylamine	74.00	3.89	126816	25.54
3	Pyridine	79.00	3.96	195853	28.86
4	Methyl methanesulfonate	80.00	7.13	102278	29.95
6	Ethyl methanesulfonate	79.00	8.57	157096	34.06
7	Benzaldehyde	106.00	9.12	112435	21.99
8	Aniline	93.00	9.33	318466	33.03
9	Pentachloroethane	167.00	9.39	58921	31.27
11	Phenol	94.00	9.36	221623	24.51
12	bis(2-Chloroethyl)Ether	93.00	9.49	227926	33.76
13	2-Chlorophenol	128.00	9.53	211137	32.97
14	1,3-Dichlorobenzene	146.00	9.79	197797	30.17
15	1,4-Dichlorobenzene	146.00	9.93	203620	30.37
16	1,2-Dichlorobenzene	146.00	10.18	196885	30.49
17	Benzyl Alcohol	79.00	10.18	179518	31.90
18	bis(2-Chloroisopropyl) Ether	45.00	10.43	382990	32.76
19	2-Methylphenol (o-Cresol)	108.00	10.41	202362	31.71
20	Acetophenone	105.00	10.62	325149	34.64
21	N-Nitrosodi-n-propylamine	70.00	10.65	168297	34.88
22	3+4-Methylphenol(m&p-Cresol)	107.00	10.67	498625	72.82
23	Hexachloroethane	117.00	10.76	83205	29.43
26	Nitrobenzene	77.00	10.90	221856	32.85
27	Isophorone	82.00	11.31	429210	32.27
28	2-Nitrophenol	139.00	11.44	113785	34.37
29	2,4-Dimethylphenol	107.00	11.56	224887	31.12
30	Bis(2-Chloroethoxy)methane	93.00	11.71	270017	31.99
31	2,4-Dichlorophenol	162.00	11.85	150692	33.34
32	Benzoic Acid	105.00	11.70	9904	6.75
33	1,2,4-Trichlorobenzene	180.00	11.98	149816	31.31
34	Naphthalene	128.00	12.09	714360	30.24
35	4-Chloroaniline	127.00	12.21	213752	25.76
36	2,6-Dichlorophenol	162.00	12.22	143092	32.19
37	Hexachloropropene	213.00	12.25	114105	32.58
38	Hexachlorobutadiene	225.00	12.32	96796	29.46
39	Caprolactam	55.00	12.79	61285	19.66
40	2-Methylnaphthalene-d10	152.00	13.20	439588	40.06
41	4-Chloro-3-methylphenol	107.00	13.05	227238	34.46
42	Safrole	162.00	13.14	145796	33.04
43	2-Methylnaphthalene	142.00	13.25	457404	30.39
44	1-Methylnaphthalene	142.00	13.41	430975	30.19
46	Hexachlorocyclopentadiene	237.00	13.52	119991	34.08
47	1,2,4,5-Tetrachlorobenzene	216.00	13.53	192881	33.11
48	2,4,6-Trichlorophenol	196.00	13.74	118151	34.30
49	2,4,5-Trichlorophenol	196.00	13.80	125755	33.50
51	Isosafrole	162.00	13.99	153546	32.97
52	1,1'-Biphenyl	154.00	14.04	481446	32.62
53	2-Chloronaphthalene	162.00	14.06	340932	29.77
54	1-Chloronaphthalene	162.00	14.09	308546	34.42
55	2-Nitroaniline	138.00	14.25	148024	35.91
56	1,4-Naphthoquinone	158.00	14.36	149165	32.74
57	Dimethyl phthalate	163.00	14.57	412770	34.61
58	1,3-Dinitrobenzene	168.00	14.49	59974	34.08

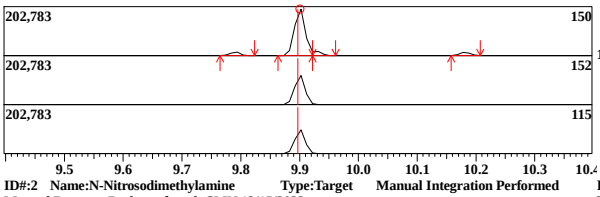
ID#	Name	Mass	Time	Area	Conc.
59	2,6-Dinitrotoluene (2,6-DNT)	165.00	14.66	89418	34.97
60	Acenaphthylene	152.00	14.73	705465	35.26
61	3-Nitroaniline	138.00	14.93	129915	37.87
62	Acenaphthene	154.00	15.02	410875	30.95
63	2,4-Dinitrophenol	184.00	15.09	57395	38.83
64	Pentachlorobenzene	250.00	15.24	152601	33.89
65	Dibenzofuran	168.00	15.31	581718	32.71
66	2,4-Dinitrotoluene (2,4-DNT)	165.00	15.32	134156	36.37
67	4-Nitrophenol	65.00	15.24	75360	29.55
68	2,3,4,6-Tetrachlorophenol	232.00	15.52	114284	36.00
69	Diethyl phthalate	149.00	15.74	466663	35.92
70	Fluorene	166.00	15.87	468970	32.48
71	4-Chlorophenyl phenyl ether	204.00	15.90	220835	34.36
72	4-Nitroaniline	138.00	15.93	133924	41.94
74	4,6-Dinitro-2-methylphenol	198.00	15.97	83108	41.66
75	N-Nitrosodiphenylamine	169.00	16.10	305692	29.45
76	Diphenylamine	169.00	16.10	305692	29.45
77	1,2-Diphenylhydrazine	77.00	16.16	481191	34.63
79	(cis/trans)-Diallate	43.00	16.58	236212	36.03
80	Phenacetin	108.00	16.63	261106	38.33
81	4-Bromophenyl phenyl ether	250.00	16.70	121943	35.40
82	Hexachlorobenzene	284.00	16.77	102782	32.73
83	Atrazine	200.00	17.00	115521	33.28
84	Pentachlorophenol	266.00	17.11	61515	36.68
85	Pentachloronitrobenzene	237.00	17.12	57111	34.84
86	Pronamide (Kerb)	173.00	17.25	188243	37.08
87	Phenanthrene	178.00	17.45	659649	33.14
88	Anthracene	178.00	17.53	592730	28.52
89	Carbazole	167.00	17.81	602660	32.58
90	Di-n-butyl phthalate	149.00	18.44	779535	35.73
91	4-Nitroquinoline-N-Oxide	190.00	18.73	58483	39.98
92	Isodrin	193.00	19.15	74524	37.75
93	Fluoranthene-d10	212.00	19.36	785686	42.23
94	Fluoranthene	202.00	19.40	850927	34.74
96	Pyrene	202.00	19.76	843426	33.52
98	Aramite A	185.00	20.05	58340	17.99
99	Aramite B	185.00	20.18	61275	19.16
100	Chlorobenzilate	251.00	20.38	189052	38.38
101	Butyl benzyl phthalate	149.00	20.89	360780	37.83
102	Di(2-ethylhexyl) adipate	129.00	21.04	375419	36.55
103	Benzo[a]anthracene	228.00	21.72	818733	36.44
104	Chrysene	228.00	21.78	746129	32.96
105	Bis(2-Ethylhexyl) phthalate	149.00	21.84	516660	36.92
106	Di-n-octyl phthalate	149.00	22.84	891481	38.15
108	Benzo[b]fluoranthene	252.00	23.36	698029	33.14
109	Benzo[k]fluoranthene	252.00	23.40	638466	31.81
110	Benzo[a]pyrene	252.00	23.82	610525	37.08
111	Indeno(1,2,3-cd)pyrene	276.00	25.60	448390	36.98
112	3-Methylcholanthrene	268.00	24.34	227044	30.85
113	Dibenz(a,j)Acridine	279.00	25.28	377345	34.98
114	Dibenzo[a,h]anthracene	278.00	25.63	462226	35.77
115	Benzo[g,h,i]perylene	276.00	26.08	435855	33.54
116	2-Picoline (2-Methylpyridine)	93.00	6.06	205836	28.52
117	N-Nitrosomethylethylamine	88.00	6.41	93911	30.71
118	N-Nitrosodiethylamine	102.00	7.93	109123	33.12
119	n-Decane	57.00	9.69	225071	26.08
120	N-Nitrosopyrrolidine	100.00	10.58	115288	34.33
121	N-Nitrosomorpholine	56.00	10.67	151069	36.28
122	o-Toluidine	106.00	10.68	338335	31.39
123	N-Nitrosopiperidine	114.00	11.15	125009	35.15
124	a,a-Dimethylphenethylamine	58.00	12.06	381562	22.30
125	Alpha-Terpineol	59.00	12.15	197002	32.96
126	p-Phenylenediamine	108.00	12.87	2906	2.09
127	N-Nitrosodi-n-butylamine	84.00	12.80	180330	37.25
128	2,3-Dichloroaniline	161.00	13.73	186070	33.38
129	1-Naphthylamine	143.00	15.45	400121	33.25
130	2-Naphthylamine	143.00	15.58	402079	28.98
131	5-Nitro-o-Toluidine	152.00	15.91	130081	39.63
132	4-Aminobiphenyl	169.00	17.13	378855	29.39
133	n-Octadecane	57.00	17.31	396289	32.68
134	Benzidine	184.00	19.65	262659	22.12
135	4-Dimethyl aminoazobenzene	120.00	20.29	239798	37.09
136	3,3'-Dimethylbenzidine	212.00	20.84	241696	17.06
137	2-Acetylaminofluorene	181.00	21.24	280574	39.45
138	3,3`-Dichlorobenzidine	252.00	21.71	213108	31.98
139	7,12-Dimethylbenz[a]anthracene	256.00	23.36	265647	32.66

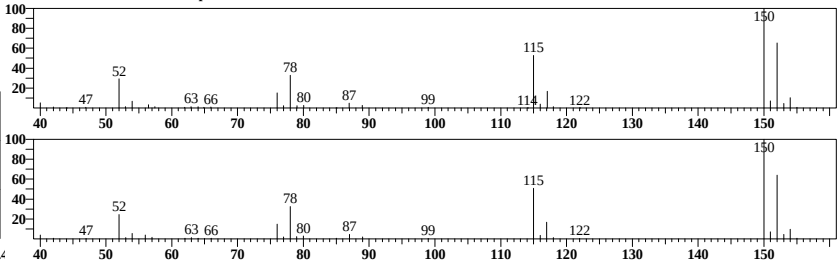

2,233,480
TIC@1
2,233,480
TIC@1
2,233,480
TIC@2
2,233,480
TIC@2*1.13
4.0
10.0
20.0
26.0
min

ID#:1 Name:1,4-Dichlorobenzene-d4 (IS) Type:ISTD Manual Integration Performed
Manual Reason: Split peak. CMN 12/15/2022

Mass:150.00 R.T:9.901 Area:256094 Conc:40.00000ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	152.00	78462	65.22	65.66
2	115.00	63354	52.66	48.88

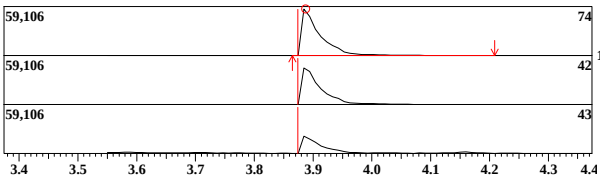


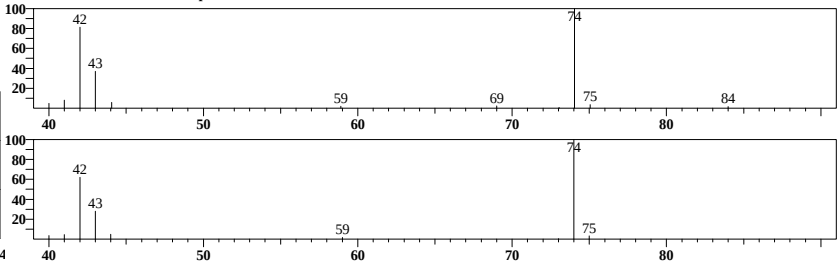


ID#:2 Name:N-Nitrosodimethylamine Type:Target Manual Integration Performed
Manual Reason: Peak not found. CMN 12/15/2022

Mass:74.00 R.T:3.888 Area:126816 Conc:25.53798ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	42.00	28069	81.22	72.10
2	43.00	12833	37.13	38.30

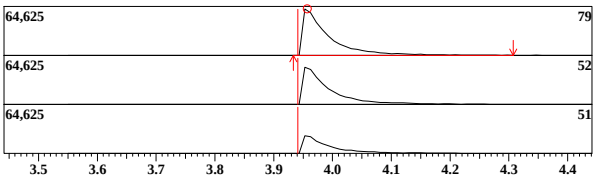


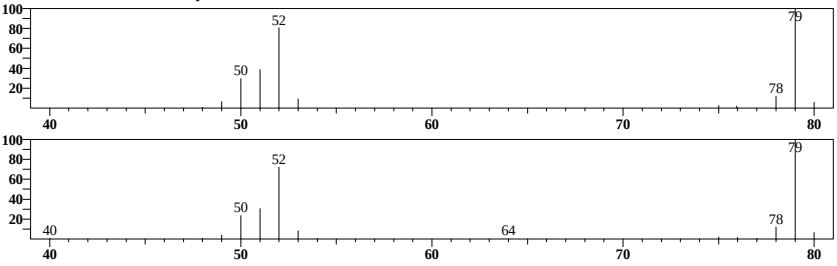


ID#:3 Name:Pyridine Type:Target Manual Integration Performed
Manual Reason: Peak not found. CMN 12/15/2022

Mass:79.00 R.T:3.957 Area:195853 Conc:28.86070ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	52.00	31774	80.86	80.35
2	51.00	15175	38.62	37.95

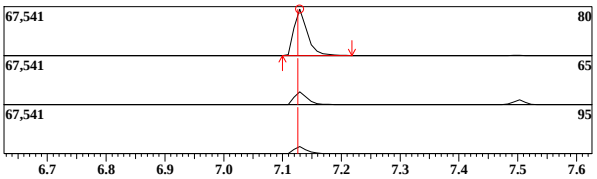


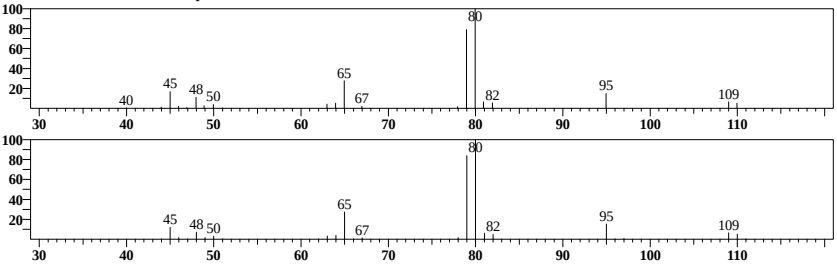


ID#:4 Name:Methyl methanesulfonate Type:Target No Manual Integration

Mass:80.00 R.T:7.129 Area:102278 Conc:29.95121ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	65.00	13116	27.54	35.13
2	95.00	7102	14.91	18.43

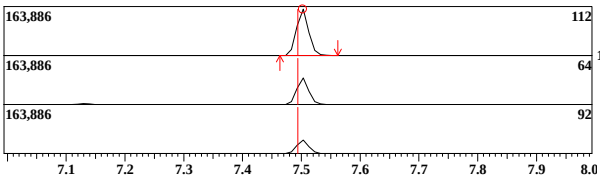


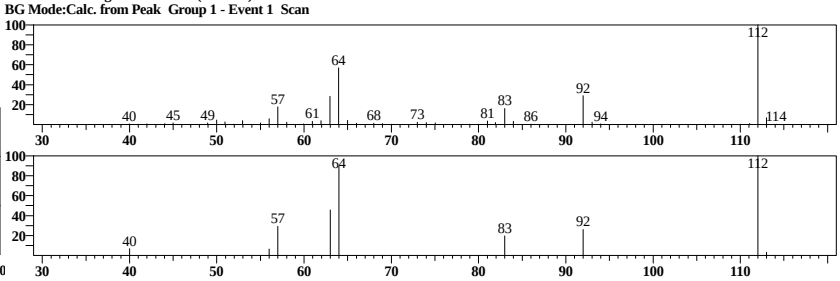


ID#:5 Name:2-Fluorophenol Type:Surrogate/SMC No Manual Integration

Mass:112.00 R.T:7.502 Area:222321 Conc:36.58374ppm
Event:1:Scan SI:85

#	m/z	Area	Ratio	Reference
1	64.00	63242	56.99	72.76
2	92.00	32221	29.03	26.11

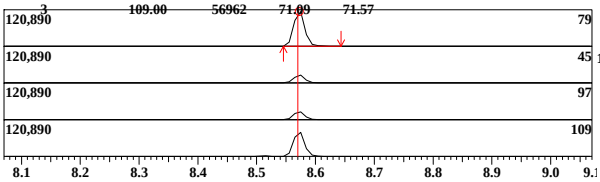


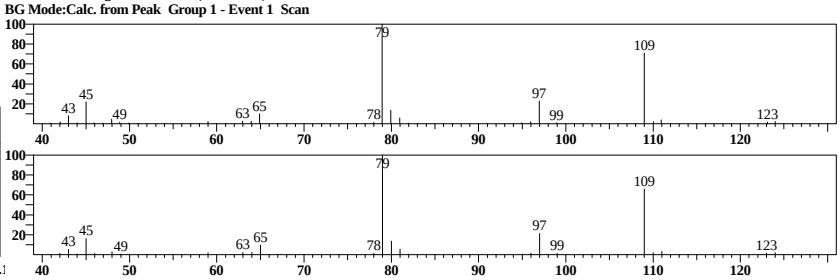


ID#:6 Name:Ethyl methanesulfonate Type:Target No Manual Integration

Mass:79.00 R.T:8.572 Area:157096 Conc:34.05787ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	45.00	17629	22.00	17.15
2	97.00	18374	22.93	24.70
3	109.00	56962	71.09	71.57





ID#:1 R.Time:9.902(Scan#:1293)
MassPeaks:35
RawMode:Averaged 9.893-9.912(1291-1295)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:2 R.Time:3.884(Scan#:69)
MassPeaks:11
RawMode:Averaged 3.874-3.894(67-71)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:3 R.Time:3.953(Scan#:83)
MassPeaks:11
RawMode:Averaged 3.943-3.963(81-85)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:4 R.Time:7.129(Scan#:729)
MassPeaks:21
RawMode:Averaged 7.120-7.139(727-731)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

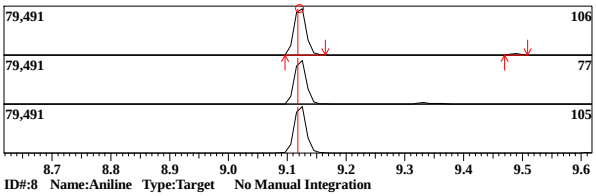
ID#:5 R.Time:7.503(Scan#:805)
MassPeaks:43
RawMode:Averaged 7.493-7.513(803-807)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:6 R.Time:8.575(Scan#:1023)
MassPeaks:31
RawMode:Averaged 8.565-8.585(1021-1025)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:7 Name:Benzaldehyde Type:Target No Manual Integration

Mass:106.00 R.T:9.121 Area:112435 Conc:21.98908ppm
Event:1:Scan SI:97

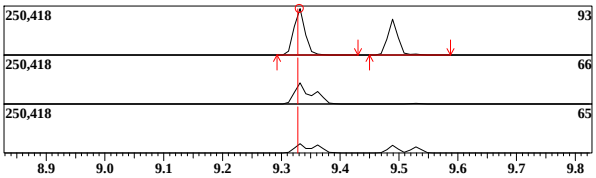
#	m/z	Area	Ratio	Reference
1	77.00	52301	92.65	85.00
2	105.00	54691	96.88	96.78



ID#:8 Name:Aniline Type:Target No Manual Integration

Mass:93.00 R.T:9.331 Area:318466 Conc:33.03006ppm
Event:1:Scan SI:71

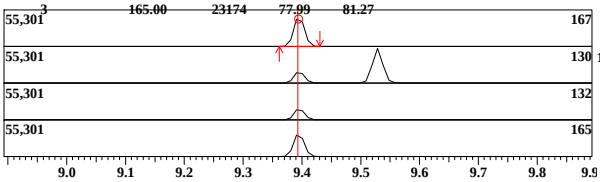
#	m/z	Area	Ratio	Reference
1	66.00	73907	45.64	46.22
2	65.00	32331	19.97	22.48



ID#:9 Name:Pentachloroethane Type:Target No Manual Integration

Mass:167.00 R.T:9.395 Area:58921 Conc:31.26644ppm
Event:1:Scan SI:98

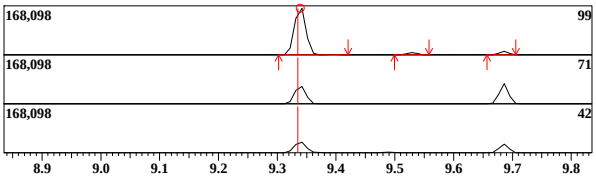
#	m/z	Area	Ratio	Reference
1	130.00	11341	38.17	38.70
2	132.00	10732	36.12	34.68
3	165.00	23174	77.99	81.27



ID#:10 Name:Phenol-d6 Type:Surrogate/SMC No Manual Integration

Mass:99.00 R.T:9.339 Area:222184 Conc:30.50207ppm
Event:1:Scan SI:66

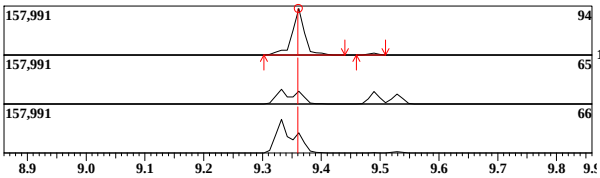
#	m/z	Area	Ratio	Reference
1	71.00	43193	38.00	35.02
2	42.00	26958	23.72	16.82



ID#:11 Name:Phenol Type:Target No Manual Integration

Mass:94.00 R.T:9.361 Area:221623 Conc:24.51120ppm
Event:1:Scan SI:92

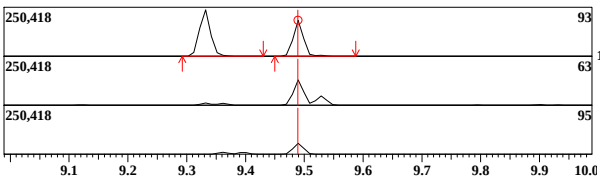
#	m/z	Area	Ratio	Reference
1	65.00	28894	28.74	31.65
2	66.00	46984	46.73	40.72



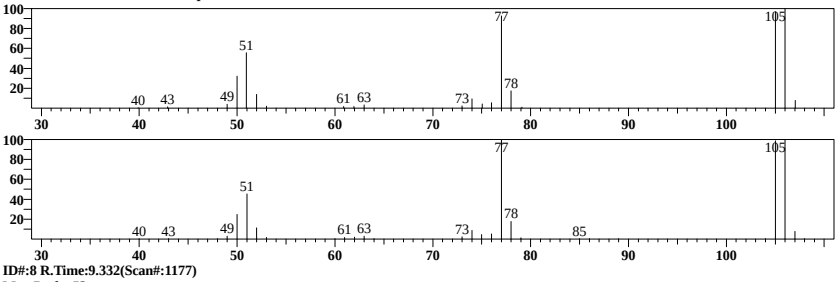
ID#:12 Name:bis(2-Chloroethyl)Ether Type:Target No Manual Integration

Mass:93.00 R.T:9.489 Area:227926 Conc:33.75773ppm
Event:1:Scan SI:87

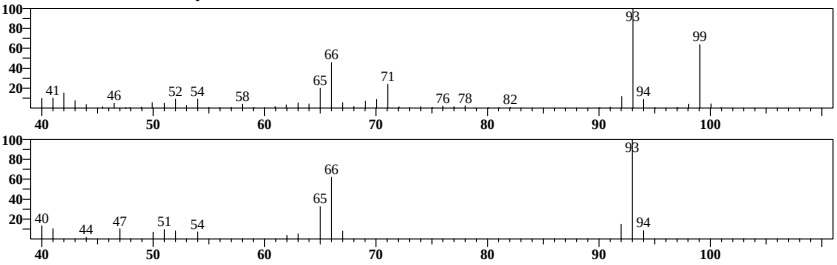
#	m/z	Area	Ratio	Reference
1	63.00	84954	71.89	95.54
2	95.00	37386	31.64	33.05



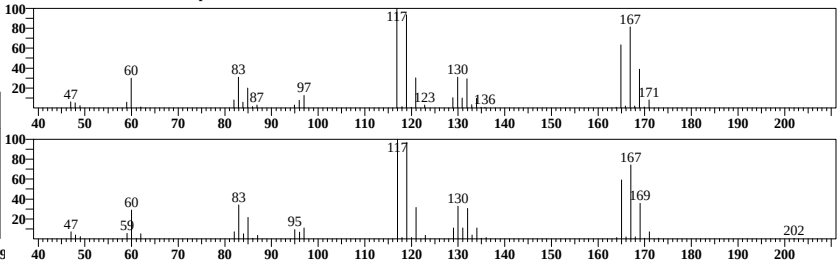
ID#:7 R.Time:9.125(Scan#:1135)
MassPeaks:20
RawMode:Averaged 9.116-9.135(1133-1137)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



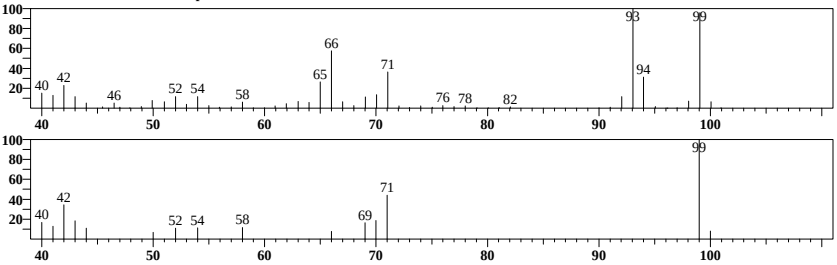
ID#:8 R.Time:9.332(Scan#:1177)
MassPeaks:53
RawMode:Averaged 9.322-9.342(1175-1179)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



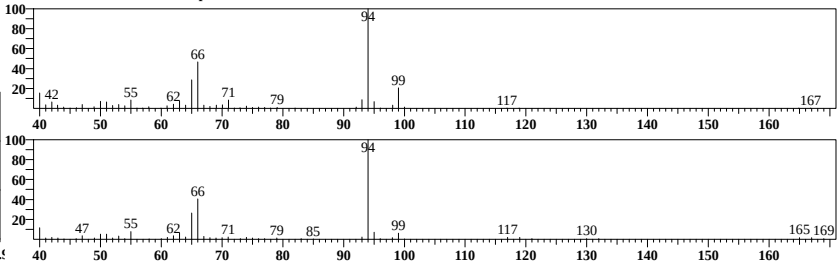
ID#:9 R.Time:9.391(Scan#:1189)
MassPeaks:37
RawMode:Averaged 9.381-9.401(1187-1191)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



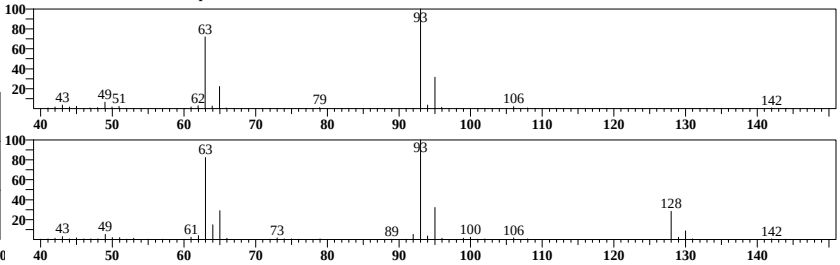
ID#:10 R.Time:9.342(Scan#:1179)
MassPeaks:55
RawMode:Averaged 9.332-9.352(1177-1181)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:11 R.Time:9.362(Scan#:1183)
MassPeaks:51
RawMode:Averaged 9.352-9.371(1181-1185)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



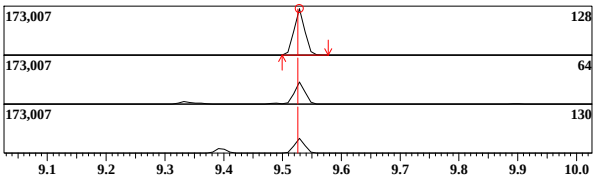
ID#:12 R.Time:9.489(Scan#:1209)
MassPeaks:28
RawMode:Averaged 9.479-9.499(1207-1211)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



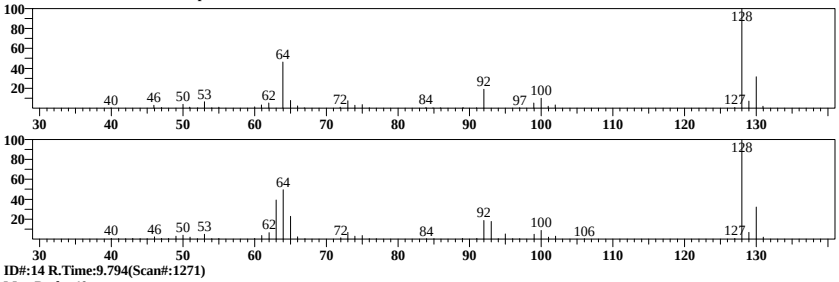
ID#:13 Name:2-Chlorophenol Type:Target No Manual Integration

Mass:128.00 R.T:9.529 Area:211137 Conc:32.96865ppm
Event:1:Scan SI:87

#	m/z	Area	Ratio	Reference
1	64.00	51077	46.17	65.60
2	130.00	34952	31.59	31.89



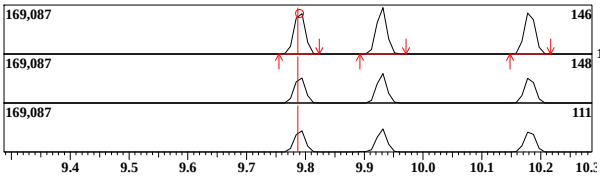
ID#:13 R.Time:9.529(Scan#:1217)
MassPeaks:37
RawMode:Averaged 9.519-9.539(1215-1219)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



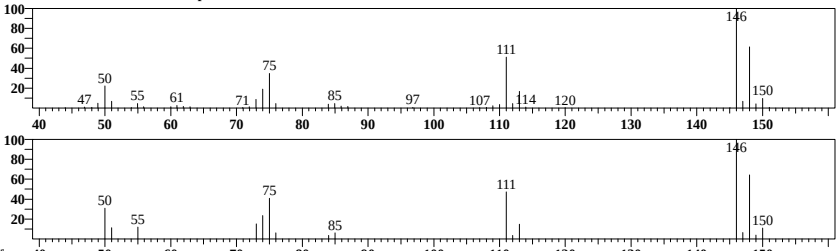
ID#:14 Name:1,3-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.790 Area:197797 Conc:30.17420ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	148.00	62243	61.57	64.92
2	111.00	51600	51.04	55.28



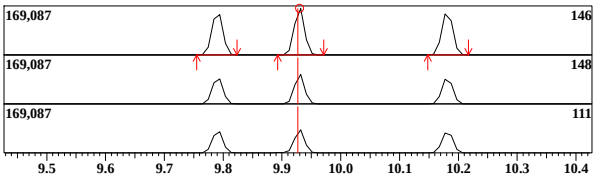
ID#:14 R.Time:9.794(Scan#:1271)
MassPeaks:40
RawMode:Averaged 9.784-9.804(1269-1273)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



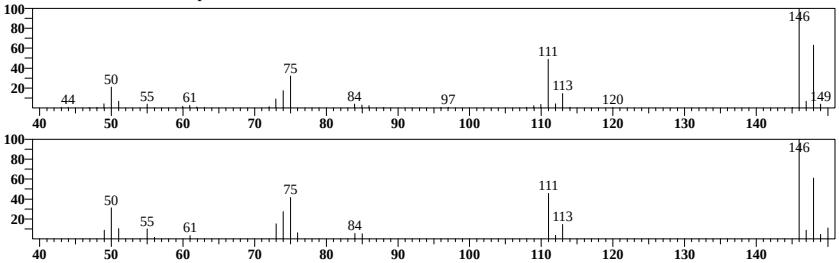
ID#:15 Name:1,4-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.930 Area:203620 Conc:30.37243ppm
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	148.00	67867	63.17	66.17
2	111.00	52524	48.89	47.39



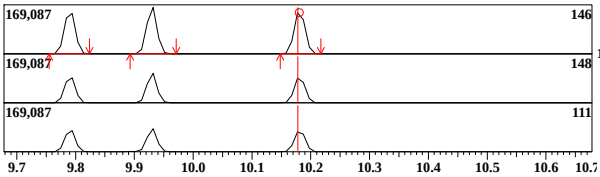
ID#:15 R.Time:9.932(Scan#:1299)
MassPeaks:35
RawMode:Averaged 9.922-9.942(1297-1301)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



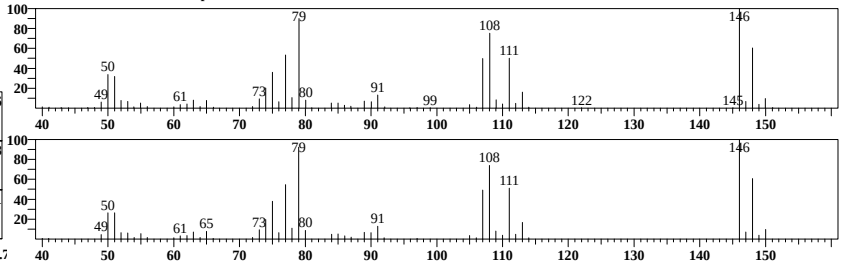
ID#:16 Name:1,2-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:10.181 Area:196885 Conc:30.48827ppm
Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	148.00	61419	60.43	65.19
2	111.00	51024	50.20	55.22



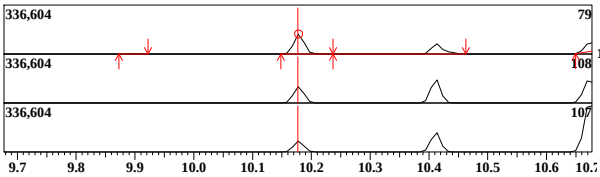
ID#:16 R.Time:10.178(Scan#:1349)
MassPeaks:60
RawMode:Averaged 10.168-10.188(1347-1351)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



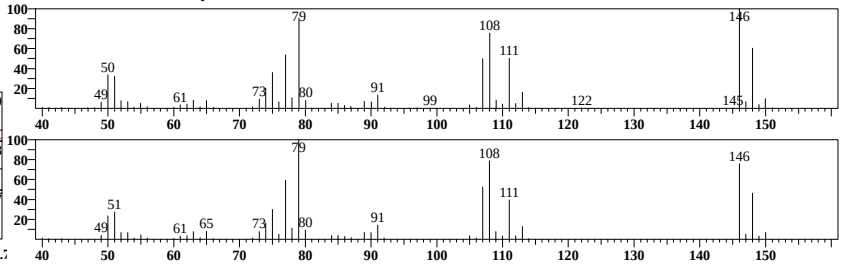
ID#:17 Name:Benzyl Alcohol Type:Target No Manual Integration

Mass:79.00 R.T:10.179 Area:179518 Conc:31.90337ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	108.00	76874	83.53	85.77
2	107.00	50752	55.15	58.74



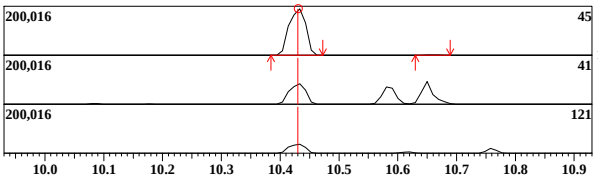
ID#:17 R.Time:10.178(Scan#:1349)
MassPeaks:60
RawMode:Averaged 10.168-10.188(1347-1351)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



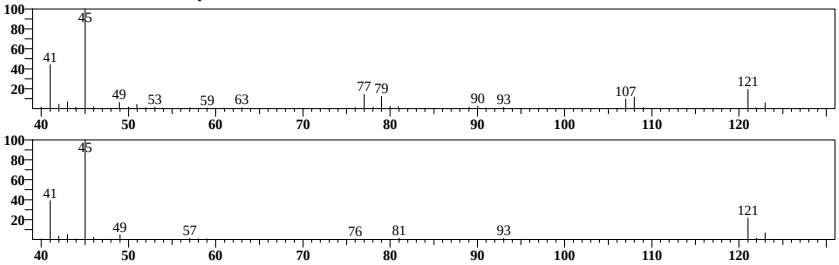
ID#:18 Name:bis(2-Chloroisopropyl) Ether Type:Target No Manual Integration

Mass:45.00 R.T:10.431 Area:382990 Conc:32.76292ppm
Event:1:Scan SI:83

#	m/z	Area	Ratio	Reference
1	41.00	71785	44.14	39.13
2	121.00	31580	19.42	18.18



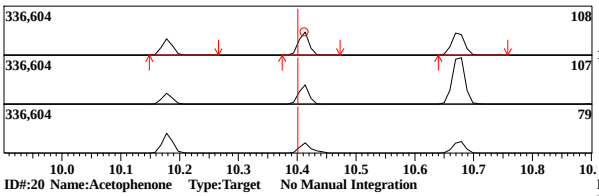
ID#:18 R.Time:10.433(Scan#:1401)
MassPeaks:46
RawMode:Averaged 10.424-10.443(1399-1403)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



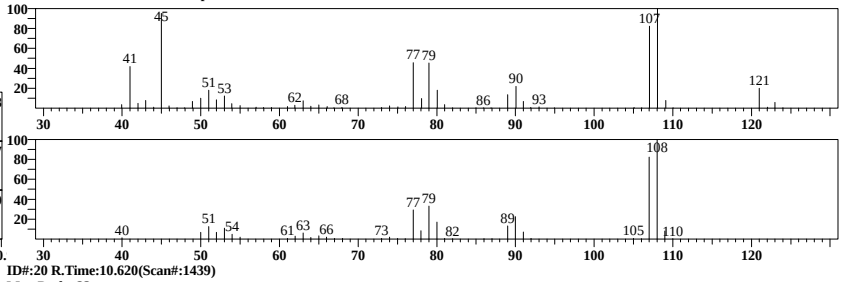
ID#:19 Name:2-Methylphenol (o-Cresol) Type:Target No Manual Integration

Mass:108.00 R.T:10.412 Area:202362 Conc:31.70778ppm
Event:1:Scan SI:78

#	m/z	Area	Ratio	Reference
1	107.00	87521	82.41	84.56
2	79.00	48249	45.43	35.28



ID#:19 R.Time:10.414(Scan#:1397)
MassPeaks:56
RawMode:Averaged 10.404-10.424(1395-1399)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

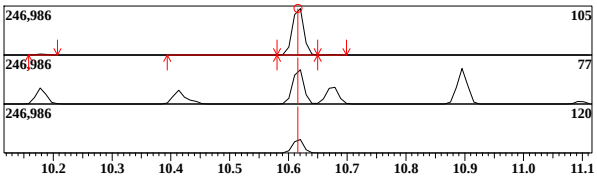


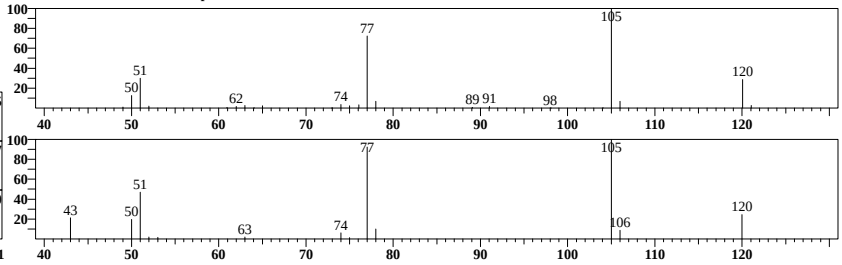
ID#:20 Name:Acetophenone Type:Target No Manual Integration

ID#:20 R.Time:10.620(Scan#:1439)
MassPeaks:23
RawMode:Averaged 10.610-10.630(1437-1441)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:105.00 R.T:10.617 Area:325149 Conc:34.64313ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	77.00	120183	72.44	73.31
2	120.00	47571	28.67	24.48



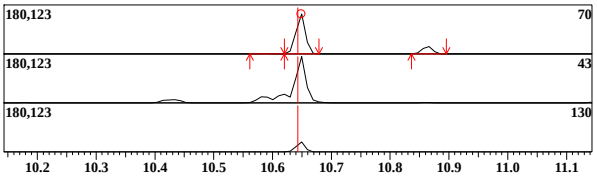


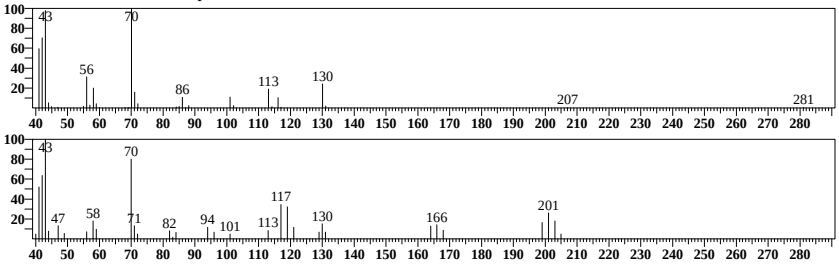
ID#:21 Name:N-Nitrosodi-n-propylamine Type:Target No Manual Integration

ID#:21 R.Time:10.650(Scan#:1445)
MassPeaks:32
RawMode:Averaged 10.640-10.660(1443-1447)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:70.00 R.T:10.649 Area:168297 Conc:34.88125ppm
Event:1:Scan SI:73

#	m/z	Area	Ratio	Reference
1	43.00	88578	97.72	109.00
2	130.00	21956	24.22	17.19



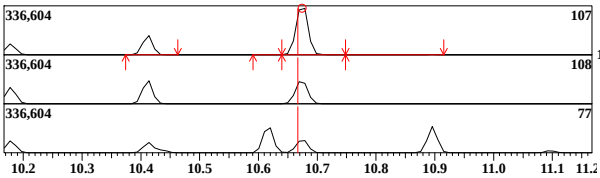


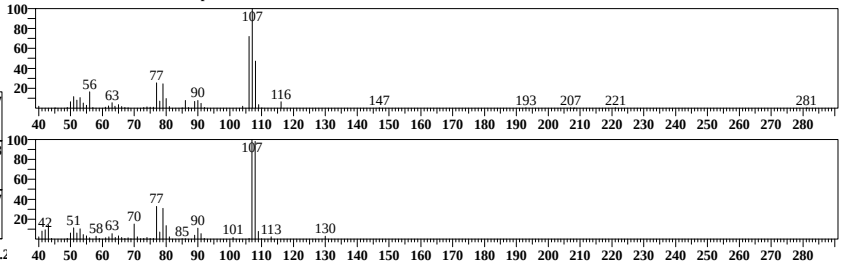
ID#:22 Name:3+4-Methylphenol(m&p-Cresol) Type:Target No Manual Integration

ID#:22 R.Time:10.679(Scan#:1451)
MassPeaks:48
RawMode:Averaged 10.669-10.689(1449-1453)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:107.00 R.T:10.675 Area:498625 Conc:72.81553ppm
Event:1:Scan SI:81

#	m/z	Area	Ratio	Reference
1	108.00	113757	* 47.27	95.43
2	77.00	61315	25.48	31.91



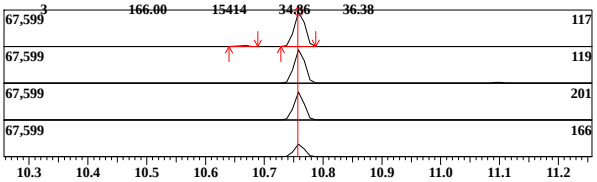


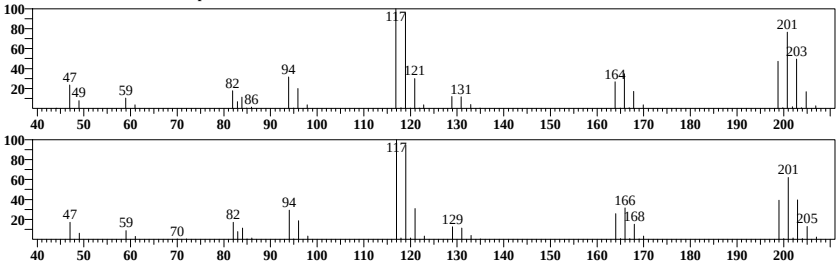
ID#:23 Name:Hexachloroethane Type:Target No Manual Integration

ID#:23 R.Time:10.758(Scan#:1467)
MassPeaks:39
RawMode:Averaged 10.748-10.768(1465-1469)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:117.00 R.T:10.759 Area:83205 Conc:29.43318ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	119.00	42581	96.30	92.41
2	201.00	33817	76.48	78.73
3	166.00	15414	34.86	36.38



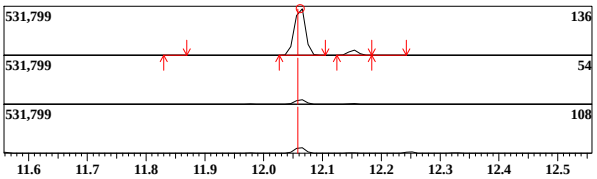


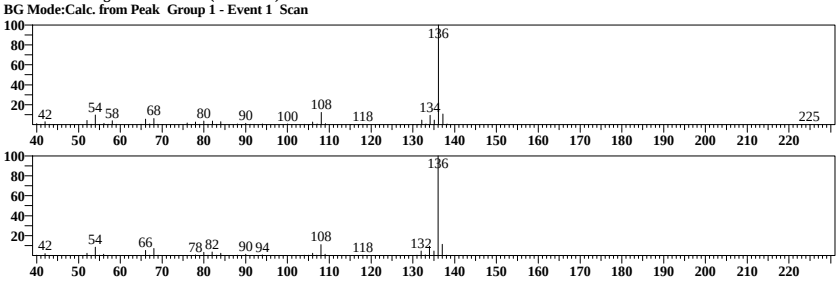
ID#:24 Name:Naphthalene-d8 (IS) Type:ISTD No Manual Integration

ID#:24 R.Time:12.066(Scan#:1733)
MassPeaks:54
RawMode:Averaged 12.056-12.076(1731-1735)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:136.00 R.T:12.062 Area:690171 Conc:40.00000ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	54.00	34171	9.66	11.97
2	108.00	43220	12.22	12.20

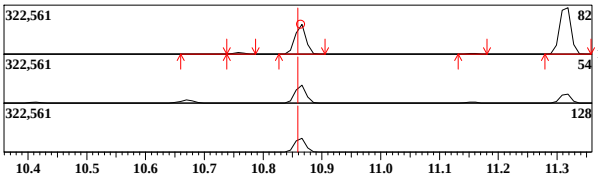




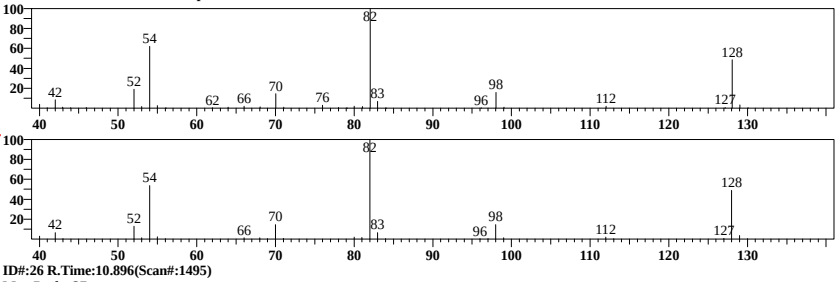
ID#:25 Name:Nitrobenzene-d5 Type:Surrogate/SMC No Manual Integration

Mass:82.00 R.T:10.864 Area:257560 Conc:40.09901ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	54.00	82827	61.98	65.85
2	128.00	64811	48.50	43.44



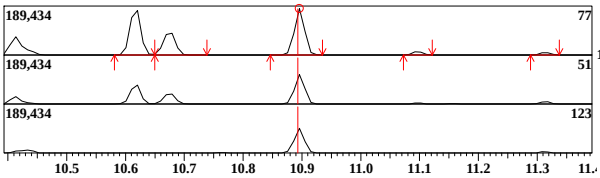
ID#:25 R.Time:10.866(Scan#:1489)
MassPeaks:33
RawMode:Averaged 10.856-10.876(1487-1491)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



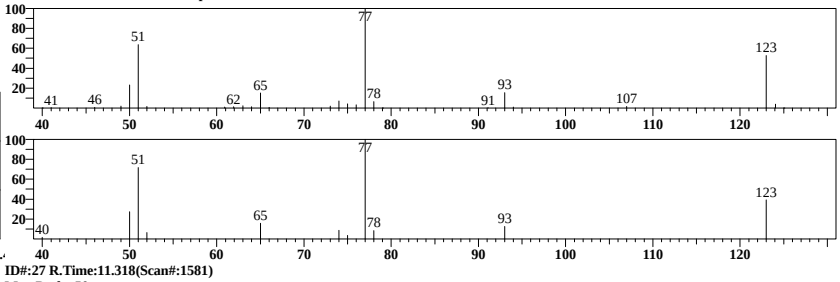
ID#:26 Name:Nitrobenzene Type:Target No Manual Integration

Mass:77.00 R.T:10.896 Area:221856 Conc:32.85232ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	51.00	74729	63.58	61.12
2	123.00	62097	52.83	46.32

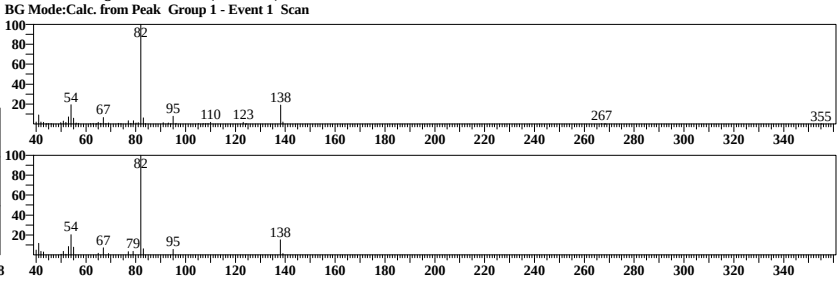


ID#:26 R.Time:10.896(Scan#:1495)
MassPeaks:27
RawMode:Averaged 10.886-10.905(1493-1497)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



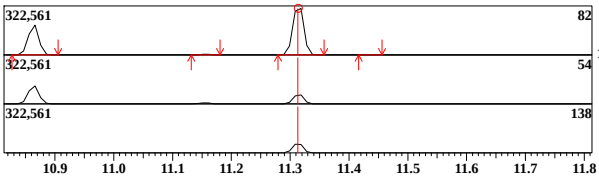
ID#:27 Name:Isophorone Type:Target No Manual Integration

ID#:27 R.Time:11.318(Scan#:1581)
MassPeaks:50
RawMode:Averaged 11.309-11.328(1579-1583)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



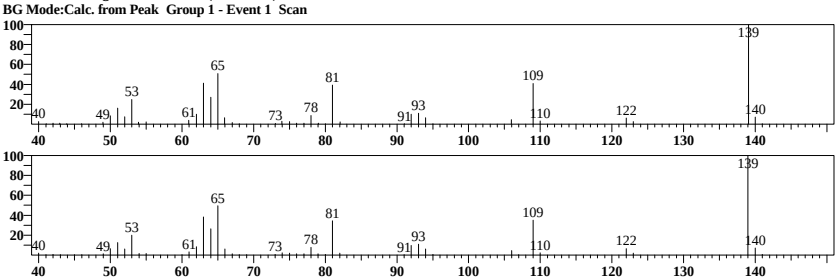
Mass:82.00 R.T:11.314 Area:429210 Conc:32.27068ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	54.00	42486	19.28	19.87
2	138.00	41539	18.85	14.87



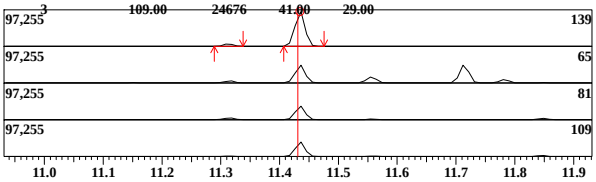
ID#:28 Name:2-Nitrophenol Type:Target No Manual Integration

ID#:28 R.Time:11.436(Scan#:1605)
MassPeaks:44
RawMode:Averaged 11.427-11.446(1603-1607)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



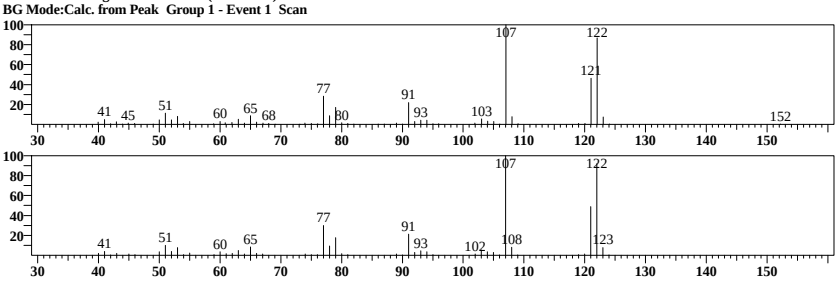
Mass:139.00 R.T:11.435 Area:113785 Conc:34.37233ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	65.00	30638	50.90	55.00
2	81.00	23686	39.35	33.00
3	109.00	24676	41.00	29.00



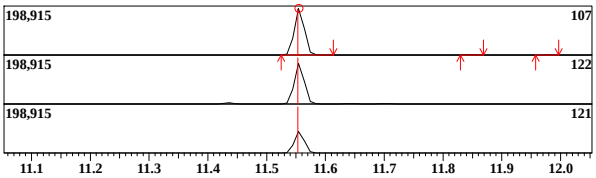
ID#:29 Name:2,4-Dimethylphenol Type:Target No Manual Integration

ID#:29 R.Time:11.554(Scan#:1629)
MassPeaks:60
RawMode:Averaged 11.544-11.564(1627-1631)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



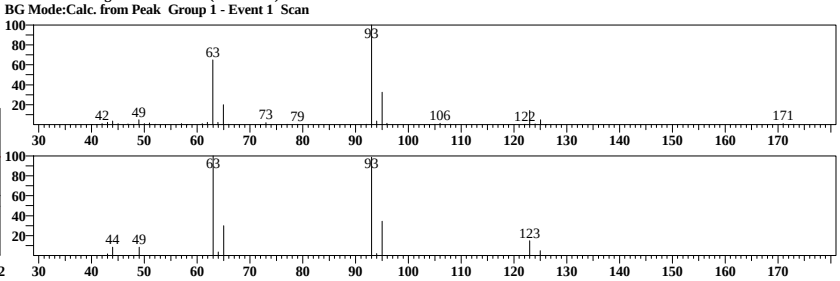
Mass:107.00 R.T:11.555 Area:224887 Conc:31.12279ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	122.00	105115	86.97	82.87
2	121.00	56013	46.35	42.24



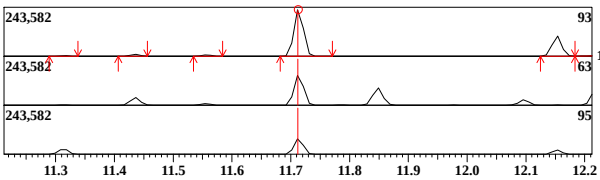
ID#:30 Name:Bis(2-Chloroethoxy)methane Type:Target No Manual Integration

ID#:30 R.Time:11.712(Scan#:1661)
MassPeaks:38
RawMode:Averaged 11.702-11.722(1659-1663)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



Mass:93.00 R.T:11.713 Area:270017 Conc:31.99375ppm
Event:1:Scan SI:91

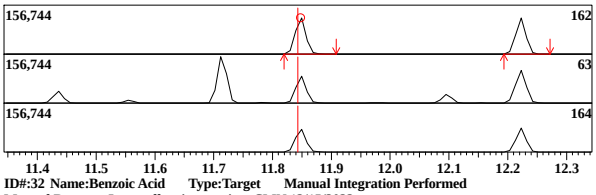
#	m/z	Area	Ratio	Reference
1	63.00	94986	64.91	85.08
2	95.00	47487	32.45	33.16

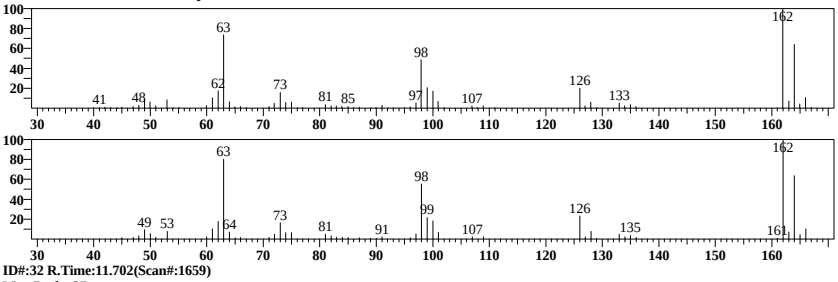


ID#:31 Name:2,4-Dichlorophenol Type:Target No Manual Integration

Mass:162.00 R.T:11.848 Area:150692 Conc:33.33833ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	63.00	57589	73.61	59.00
2	164.00	50071	64.00	65.54

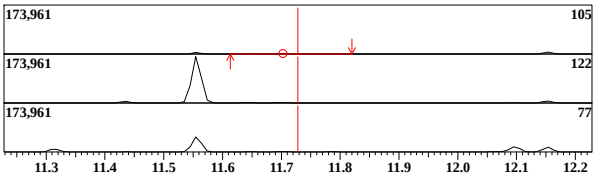


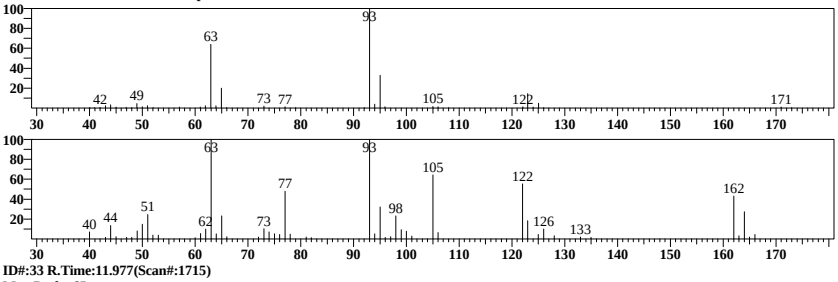


ID#:32 Name:Benzoic Acid Type:Target Manual Integration Performed
Manual Reason: Incompllete integration. CMN 12/15/2022

Mass:105.00 R.T:11.703 Area:9904 Conc:6.74886ppm
Event:1:Scan SI:68

#	m/z	Area	Ratio	Reference
1	122.00	1262	79.12	76.85
2	77.00	1316	82.51	75.23

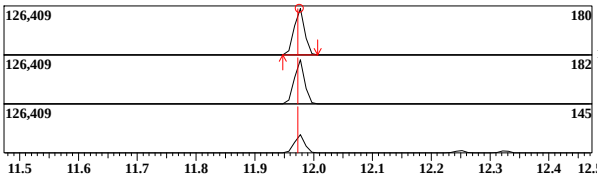


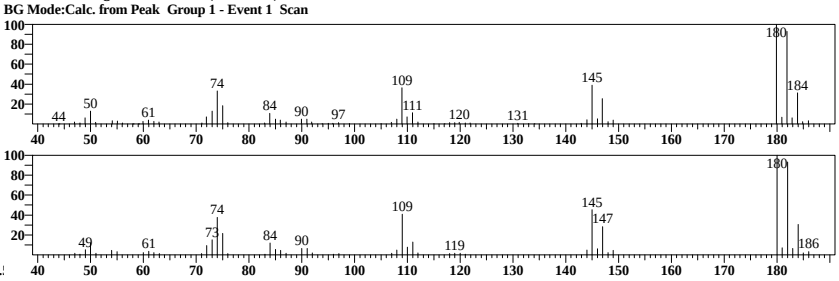


ID#:33 Name:1,2,4-Trichlorobenzene Type:Target No Manual Integration

Mass:180.00 R.T:11.976 Area:149816 Conc:31.31283ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	182.00	74182	93.02	91.21
2	145.00	31145	39.05	29.06

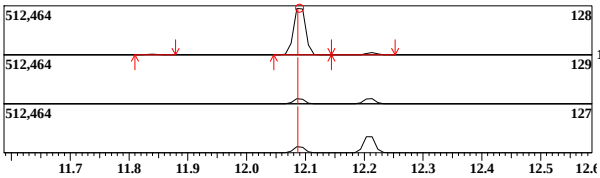


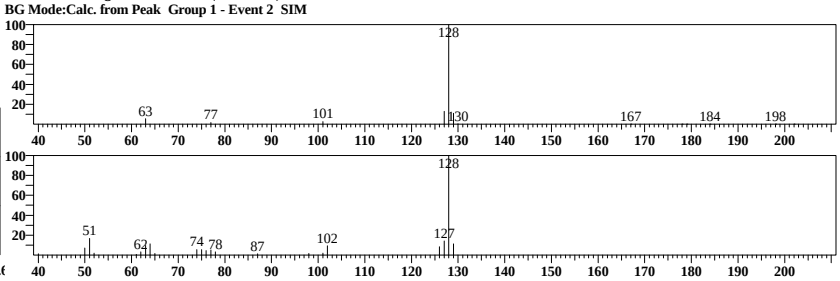


ID#:34 Name:Naphthalene Type:Target No Manual Integration

Mass:128.00 R.T:12.090 Area:714360 Conc:30.24473ppm
Event:2:SIM SI:93

#	m/z	Area	Ratio	Reference
1	129.00	39463	10.84	10.48
2	127.00	46950	12.90	13.97

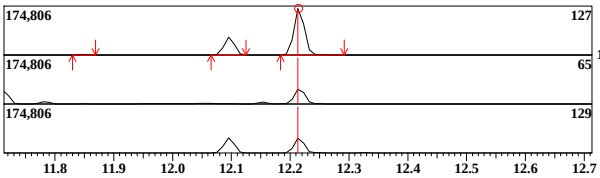


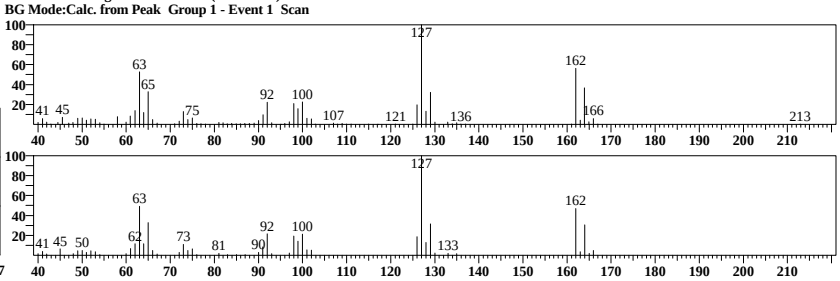


ID#:35 Name:4-Chloroaniline Type:Target No Manual Integration

Mass:127.00 R.T:12.215 Area:213752 Conc:25.75827ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	65.00	36219	32.74	45.58
2	129.00	35459	32.06	30.27

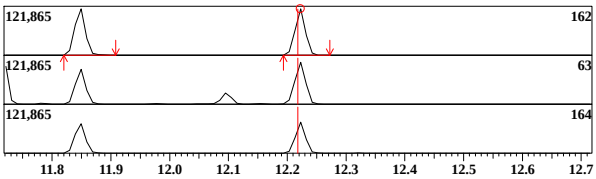


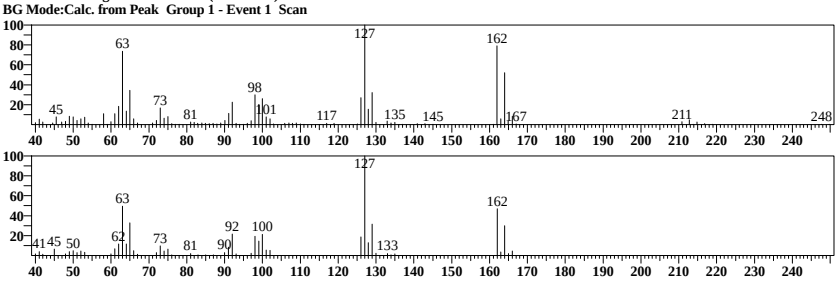


ID#:36 Name:2,6-Dichlorophenol Type:Target No Manual Integration

Mass:162.00 R.T:12.222 Area:143092 Conc:32.19058ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	63.00	70497	93.32	88.00
2	164.00	49965	66.14	62.85





ID#:31 R.Time:11.849(Scan#:1689)
MassPeaks:68
RawMode:Averaged 11.839-11.859(1687-1691)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:32 R.Time:11.702(Scan#:1659)
MassPeaks:37
RawMode:Averaged 11.692-11.712(1657-1661)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:33 R.Time:11.977(Scan#:1715)
MassPeaks:65
RawMode:Averaged 11.967-11.987(1713-1717)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:34 R.Time:12.085(Scan#:1738)
MassPeaks:13
RawMode:Averaged 12.076-12.095(1736-1740)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM

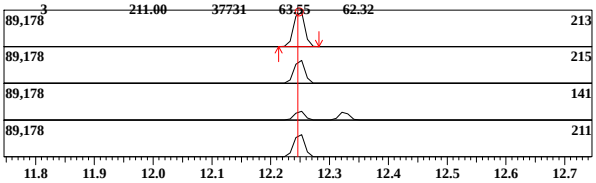
ID#:35 R.Time:12.213(Scan#:1763)
MassPeaks:81
RawMode:Averaged 12.203-12.223(1761-1765)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:36 R.Time:12.223(Scan#:1765)
MassPeaks:93
RawMode:Averaged 12.213-12.233(1763-1767)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

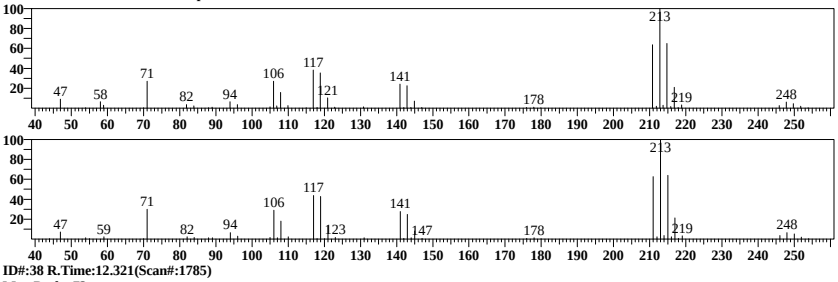
ID#:37 Name:Hexachloropropene Type:Target No Manual Integration

Mass:213.00 R.T:12.249 Area:114105 Conc:32.57926ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	215.00	38481	64.81	64.65
2	141.00	14300	24.09	22.52
3	211.00	37731	63.55	62.32



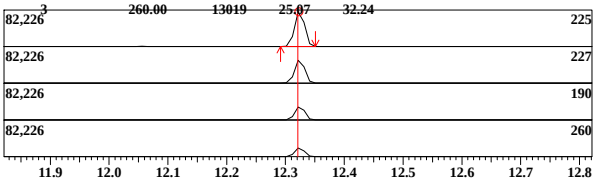
ID#:37 R.Time:12.253(Scan#:1771)
MassPeaks:47
RawMode:Averaged 12.243-12.262(1769-1773)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



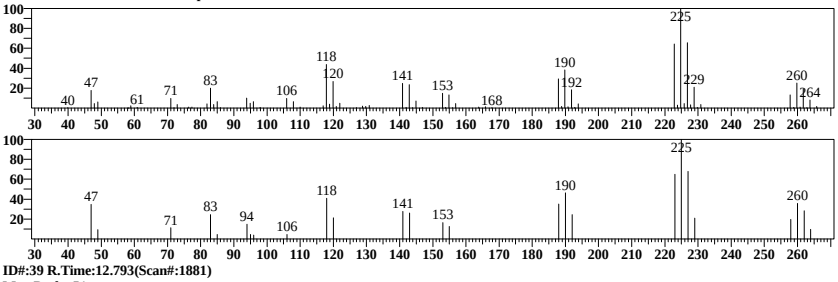
ID#:38 Name:Hexachlorobutadiene Type:Target No Manual Integration

Mass:225.00 R.T:12.323 Area:96796 Conc:29.46188ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	227.00	34039	65.54	64.03
2	190.00	19826	38.17	38.21
3	260.00	13019	25.07	32.24



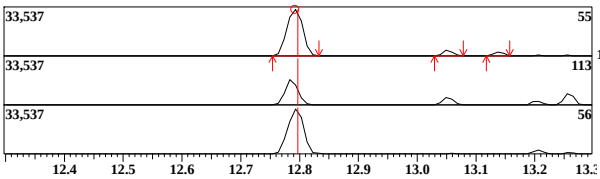
ID#:38 R.Time:12.321(Scan#:1785)
MassPeaks:72
RawMode:Averaged 12.312-12.331(1783-1787)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



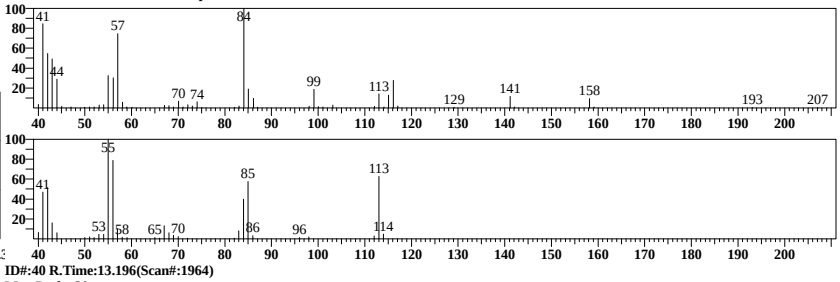
ID#:39 Name:Caprolactam Type:Target No Manual Integration

Mass:55.00 R.T:12.792 Area:61285 Conc:19.65867ppm
Event:1:Scan SI:71

#	m/z	Area	Ratio	Reference
1	113.00	12096	* 43.93	78.00
2	56.00	25800	93.70	79.15



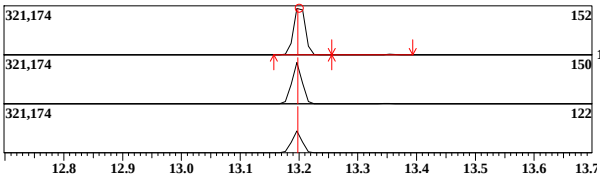
ID#:39 R.Time:12.793(Scan#:1881)
MassPeaks:51
RawMode:Averaged 12.784-12.803(1879-1883)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



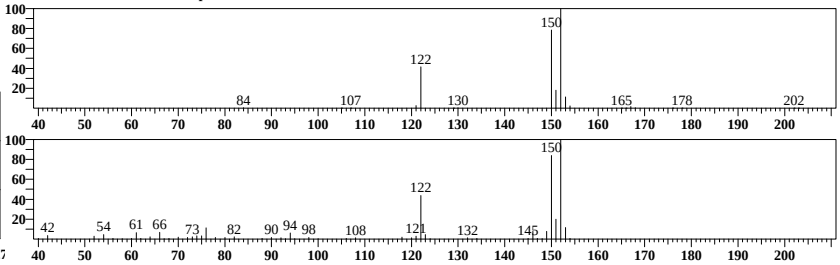
ID#:40 Name:2-Methylnaphthalene-d10 Type:Target No Manual Integration

Mass:152.00 R.T:13.201 Area:439588 Conc:40.06318ppm
Event:2:SIM SI:96

#	m/z	Area	Ratio	Reference
1	150.00	177528	78.57	58.54
2	122.00	93708	41.47	46.34



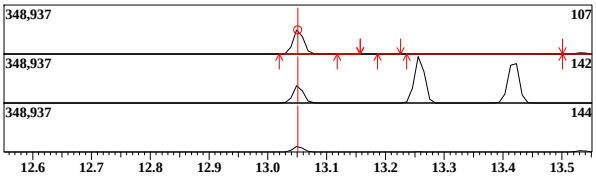
ID#:40 R.Time:13.196(Scan#:1964)
MassPeaks:20
RawMode:Averaged 13.187-13.206(1962-1966)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



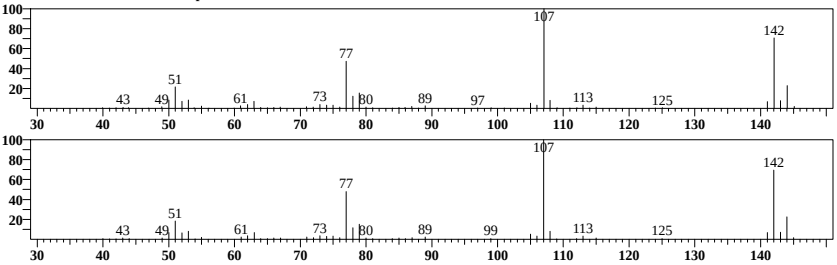
ID#:41 Name:4-Chloro-3-methylphenol Type:Target No Manual Integration

Mass:107.00 R.T:13.051 Area:227238 Conc:34.45817ppm
Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	142.00	82181	70.82	60.24
2	144.00	26614	22.93	18.55



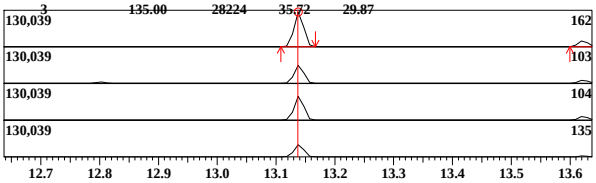
ID#:41 R.Time:13.049(Scan#:1933)
MassPeaks:59
RawMode:Averaged 13.039-13.059(1931-1935)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



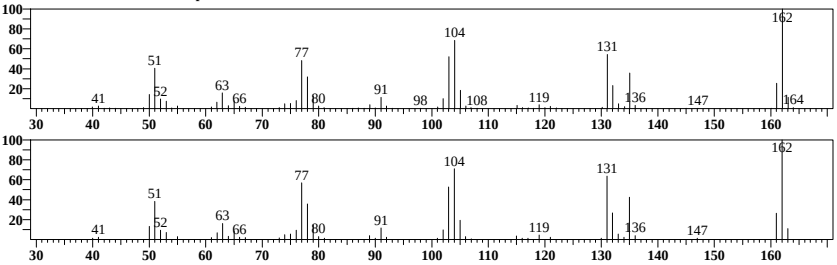
ID#:42 Name:Safrole Type:Target No Manual Integration

Mass:162.00 R.T:13.138 Area:145796 Conc:33.04041ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	103.00	41142	52.06	50.38
2	104.00	54096	68.46	67.22
3	135.00	28224	35.72	29.87



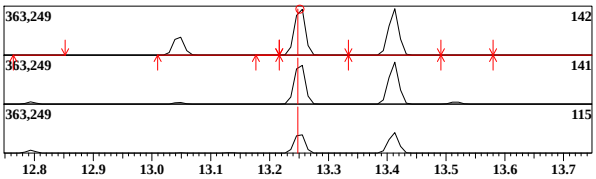
ID#:42 R.Time:13.137(Scan#:1951)
MassPeaks:67
RawMode:Averaged 13.128-13.147(1949-1953)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:43 Name:2-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.252 Area:457404 Conc:30.38971ppm
Event:2:SIM SI:98

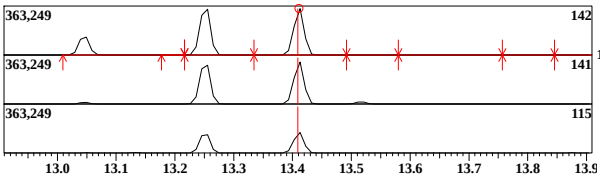
#	m/z	Area	Ratio	Reference
1	141.00	203141	86.31	68.04
2	115.00	97595	41.47	50.52



ID#:44 Name:1-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.411 Area:430975 Conc:30.18756ppm
Event:2:SIM SI:91

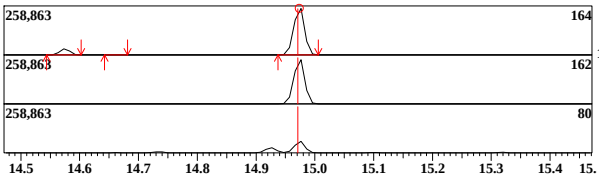
#	m/z	Area	Ratio	Reference
1	141.00	205649	90.30	72.83
2	115.00	101166	44.42	32.61



ID#:45 Name:Acenaphthene-d10 (IS) Type:ISTD No Manual Integration

Mass:164.00 R.T:14.974 Area:327160 Conc:40.00000ppm
Event:1:Scan SI:97

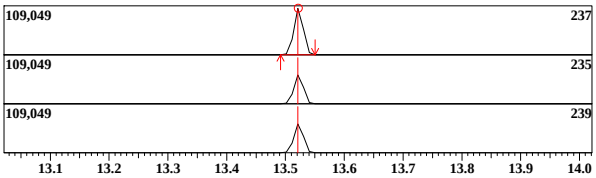
#	m/z	Area	Ratio	Reference
1	162.00	160379	95.01	95.44
2	80.00	36550	21.65	29.92



ID#:46 Name:Hexachlorocyclopentadiene Type:Target No Manual Integration

Mass:237.00 R.T:13.522 Area:119991 Conc:34.08002ppm
Event:1:Scan SI:93

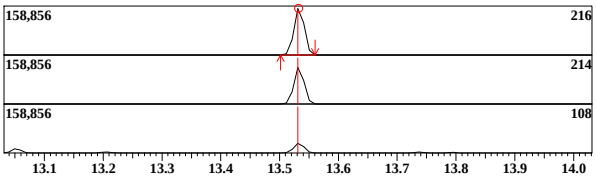
#	m/z	Area	Ratio	Reference
1	235.00	40805	62.64	58.98
2	239.00	40824	62.67	65.78



ID#:47 Name:1,2,4,5-Tetrachlorobenzene Type:Target No Manual Integration

Mass:216.00 R.T:13.533 Area:192881 Conc:33.11016ppm
Event:1:Scan SI:73

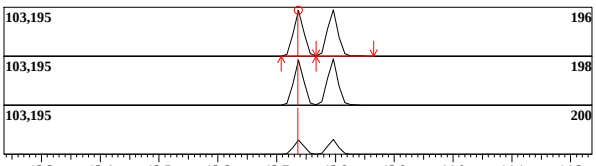
#	m/z	Area	Ratio	Reference
1	214.00	78993	77.17	78.02
2	108.00	21795	21.29	22.55



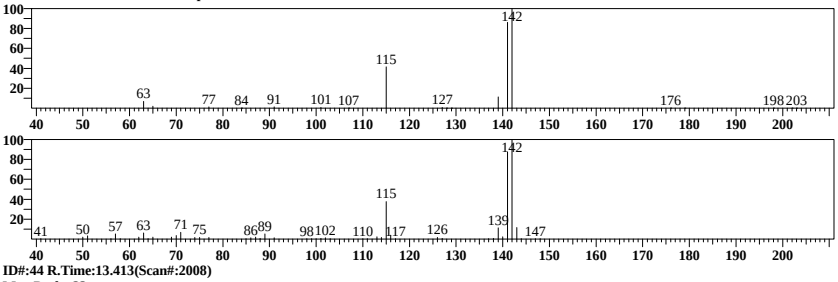
ID#:48 Name:2,4,6-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.737 Area:118151 Conc:34.29877ppm
Event:1:Scan SI:78

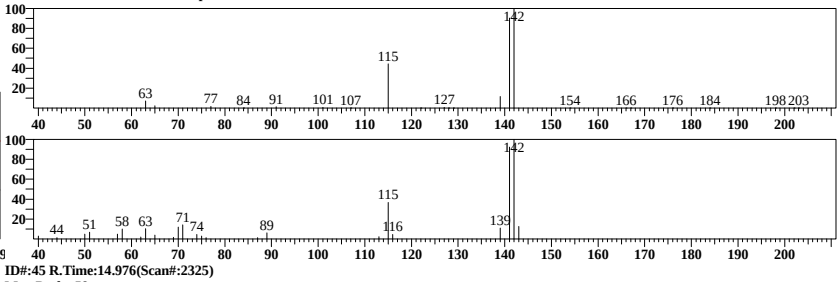
#	m/z	Area	Ratio	Reference
1	198.00	61198	98.09	94.42
2	200.00	19790	31.72	32.47



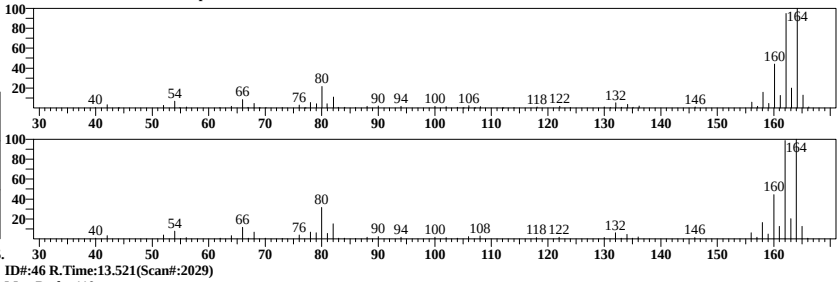
ID#:43 R.Time:13.256(Scan#:1976)
MassPeaks:19
RawMode:Averaged 13.246-13.265(1974-1978)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



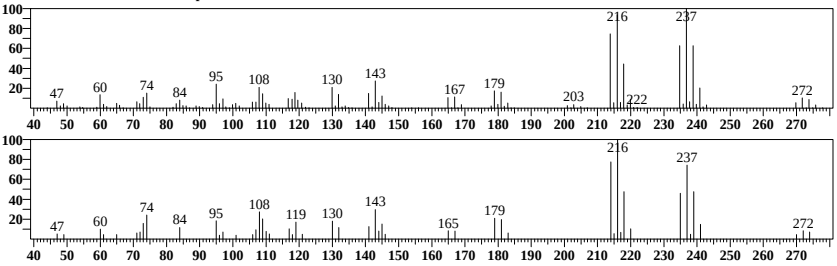
ID#:44 R.Time:13.413(Scan#:2008)
MassPeaks:23
RawMode:Averaged 13.403-13.423(2006-2010)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



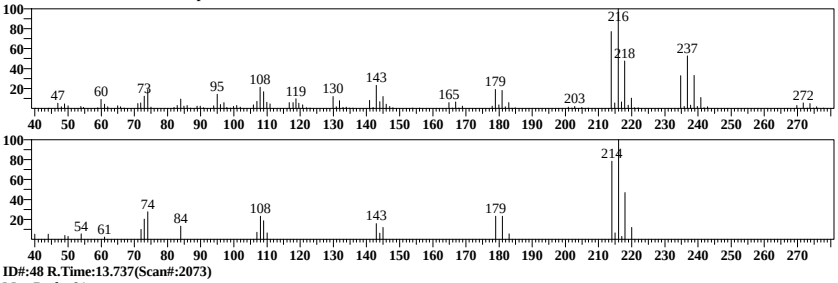
ID#:45 R.Time:14.976(Scan#:2325)
MassPeaks:59
RawMode:Averaged 14.967-14.986(2323-2327)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



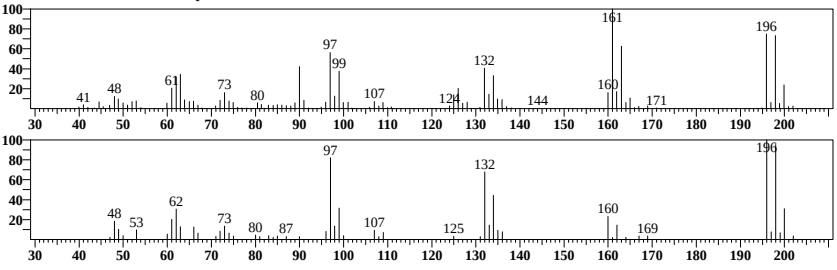
ID#:46 R.Time:13.521(Scan#:2029)
MassPeaks:110
RawMode:Averaged 13.511-13.531(2027-2031)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:47 R.Time:13.531(Scan#:2031)
MassPeaks:111
RawMode:Averaged 13.521-13.541(2029-2033)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



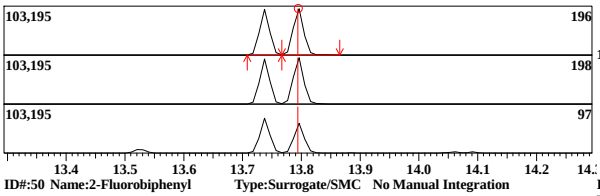
ID#:48 R.Time:13.737(Scan#:2073)
MassPeaks:91
RawMode:Averaged 13.727-13.747(2071-2075)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:49 Name:2,4,5-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.795 Area:125755 Conc:33.49922ppm
Event:1:Scan SI:93

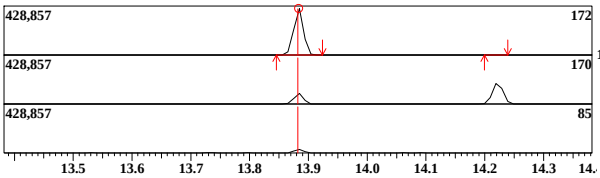
#	m/z	Area	Ratio	Reference
1	198.00	64501	99.41	97.81
2	97.00	40337	62.17	65.15



ID#:50 Name:2-Fluorobiphenyl Type:Surrogate/SMC No Manual Integration

Mass:172.00 R.T:13.884 Area:477364 Conc:40.23981ppm
Event:1:Scan SI:98

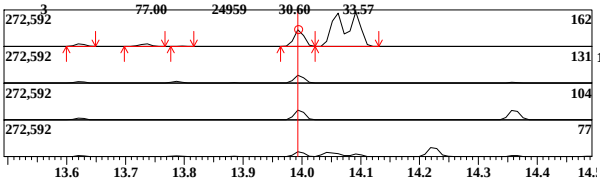
#	m/z	Area	Ratio	Reference
1	170.00	58412	22.78	22.48
2	85.00	20994	8.19	9.13



ID#:51 Name:Isosafrole Type:Target No Manual Integration

Mass:162.00 R.T:13.994 Area:153546 Conc:32.96932ppm
Event:1:Scan SI:97

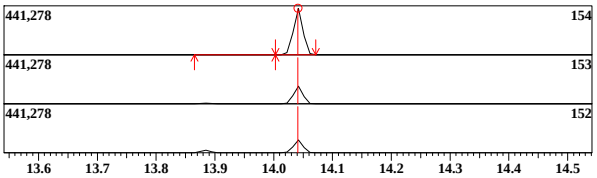
#	m/z	Area	Ratio	Reference
1	131.00	38004	46.60	42.54
2	104.00	50430	61.83	57.35
3	77.00	24959	30.60	33.57



ID#:52 Name:1,1'-Biphenyl Type:Target No Manual Integration

Mass:154.00 R.T:14.042 Area:481446 Conc:32.61625ppm
Event:1:Scan SI:98

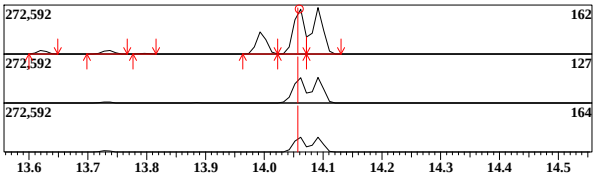
#	m/z	Area	Ratio	Reference
1	153.00	99822	38.28	38.49
2	152.00	72850	27.94	28.01



ID#:53 Name:2-Chloronaphthalene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/15/2022

Mass:162.00 R.T:14.060 Area:340932 Conc:29.77219ppm
Event:1:Scan SI:81

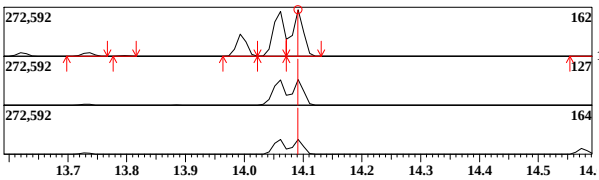
#	m/z	Area	Ratio	Reference
1	127.00	56745	55.22	48.49
2	164.00	34454	33.53	32.94



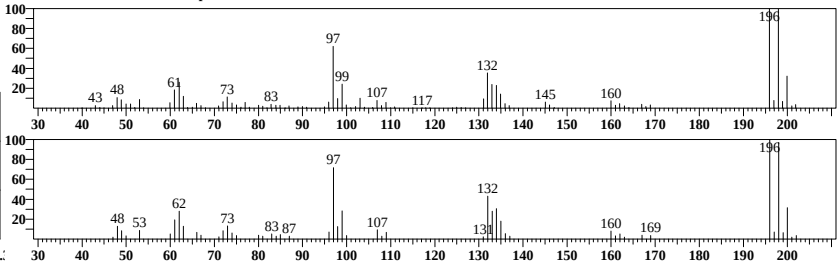
ID#:54 Name:1-Chloronaphthalene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/15/2022

Mass:162.00 R.T:14.091 Area:308546 Conc:34.42201ppm
Event:1:Scan SI:97

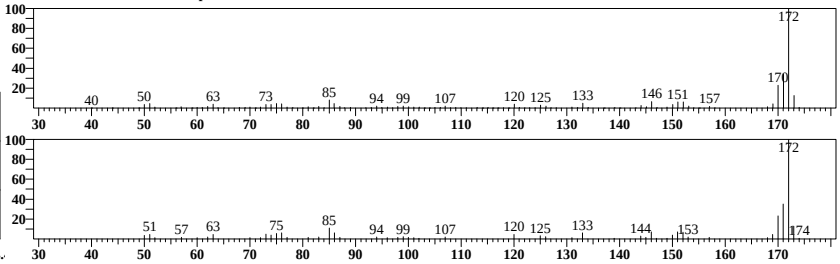
#	m/z	Area	Ratio	Reference
1	127.00	56986	54.00	48.49
2	164.00	34982	33.15	32.94



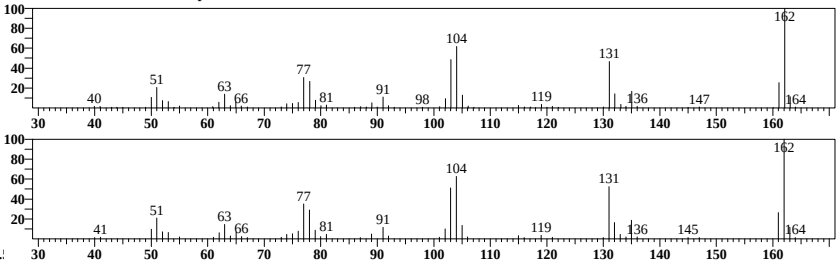
ID#:49 R.Time:13.796(Scan#:2085)
MassPeaks:89
RawMode:Averaged 13.787-13.806(2083-2087)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



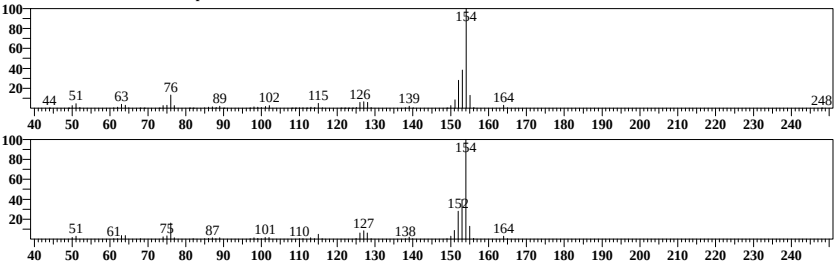
ID#:50 R.Time:13.885(Scan#:2103)
MassPeaks:100
RawMode:Averaged 13.875-13.895(2101-2105)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



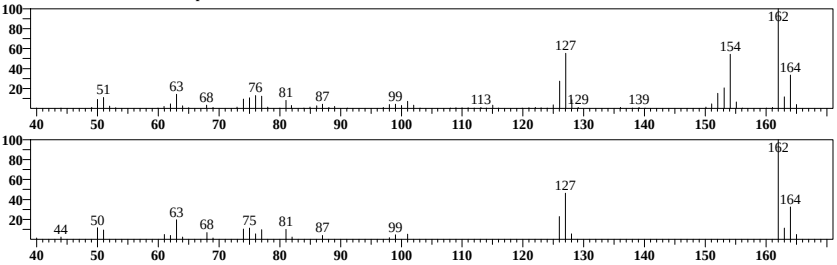
ID#:51 R.Time:13.993(Scan#:2125)
MassPeaks:66
RawMode:Averaged 13.983-14.003(2123-2127)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



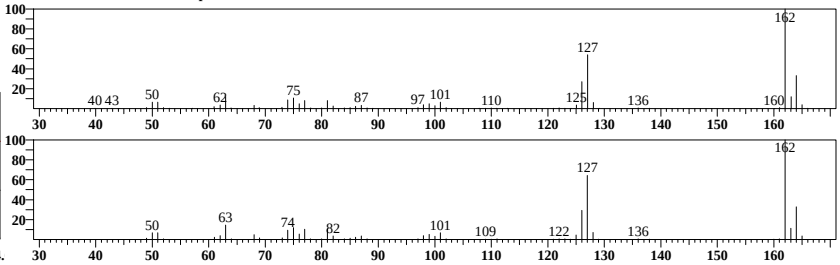
ID#:52 R.Time:14.042(Scan#:2135)
MassPeaks:63
RawMode:Averaged 14.032-14.052(2133-2137)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:53 R.Time:14.062(Scan#:2139)
MassPeaks:74
RawMode:Averaged 14.052-14.072(2137-2141)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



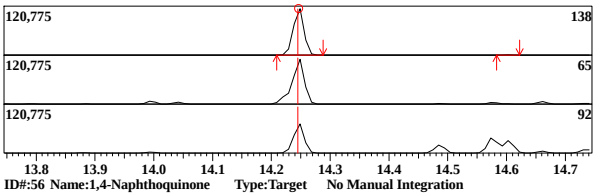
ID#:54 R.Time:14.091(Scan#:2145)
MassPeaks:59
RawMode:Averaged 14.082-14.101(2143-2147)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



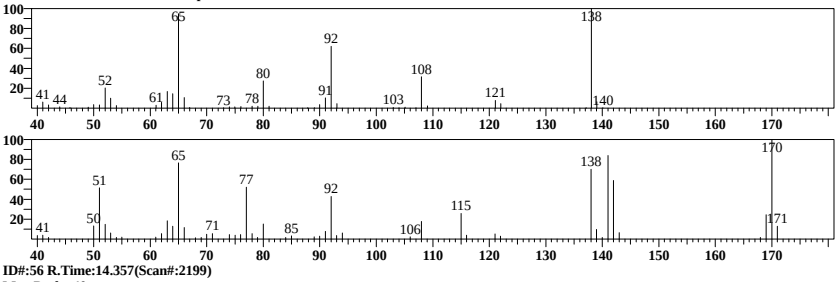
ID#:55 Name:2-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.247 Area:148024 Conc:35.91065ppm
Event:1:Scan SI:60

#	m/z	Area	Ratio	Reference
1	65.00	72734	94.88	101.46
2	92.00	47687	62.21	55.64



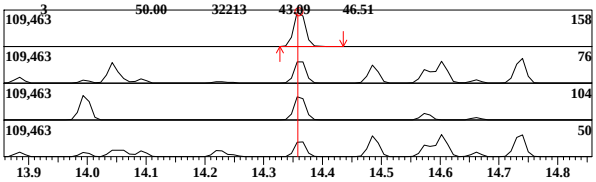
ID#:55 R.Time:14.249(Scan#:2177)
MassPeaks:44
RawMode:Averaged 14.239-14.259(2175-2179)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



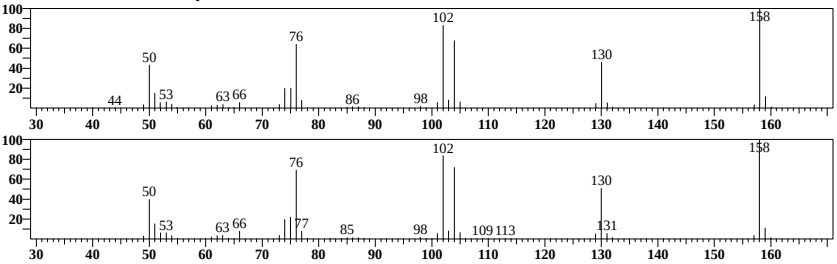
ID#:56 Name:1,4-Naphthoquinone Type:Target No Manual Integration

Mass:158.00 R.T:14.360 Area:149165 Conc:32.74338ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	76.00	47796	63.94	68.34
2	104.00	50391	67.42	74.24
3	50.00	32213	43.09	46.51



ID#:56 R.Time:14.357(Scan#:2199)
MassPeaks:40
RawMode:Averaged 14.347-14.367(2197-2201)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

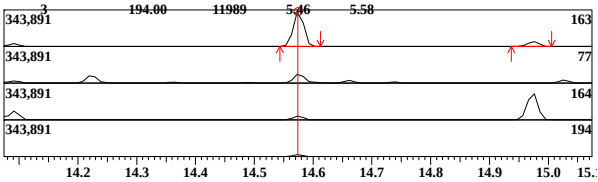


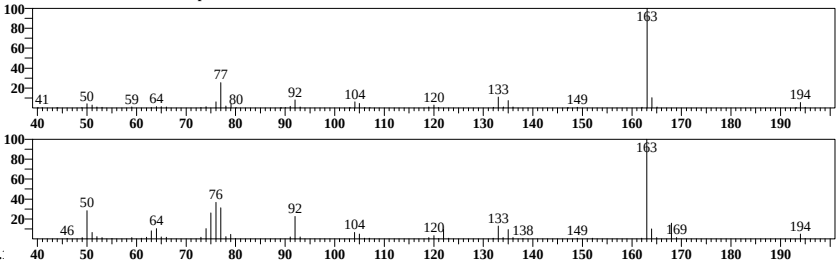
ID#:57 Name:Dimethyl phthalate Type:Target No Manual Integration

ID#:57 R.Time:14.573(Scan#:2243)
MassPeaks:47
RawMode:Averaged 14.563-14.583(2241-2245)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:163.00 R.T:14.575 Area:412770 Conc:34.61262ppm
Event:1:Scan SI:80

#	m/z	Area	Ratio	Reference
1	77.00	55563	25.29	29.31
2	164.00	22320	10.16	10.65
3	194.00	11989	5.46	5.58



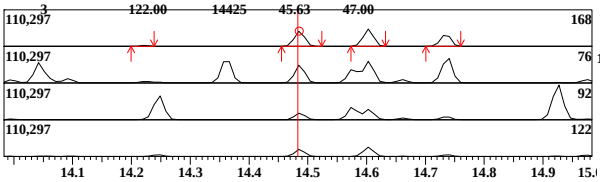


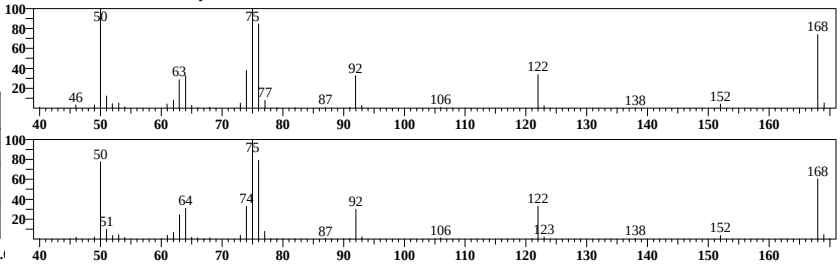
ID#:58 Name:1,3-Dinitrobenzene Type:Target No Manual Integration

ID#:58 R.Time:14.485(Scan#:2225)
MassPeaks:34
RawMode:Averaged 14.475-14.495(2223-2227)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:168.00 R.T:14.486 Area:59974 Conc:34.07830ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	76.00	36146	114.33	100.00
2	92.00	13797	43.64	44.00
3	122.00	14425	45.63	47.00



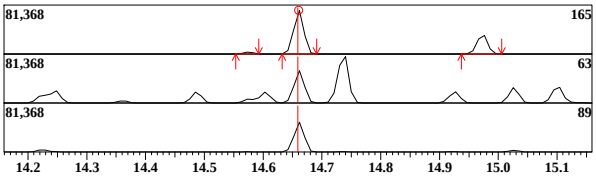


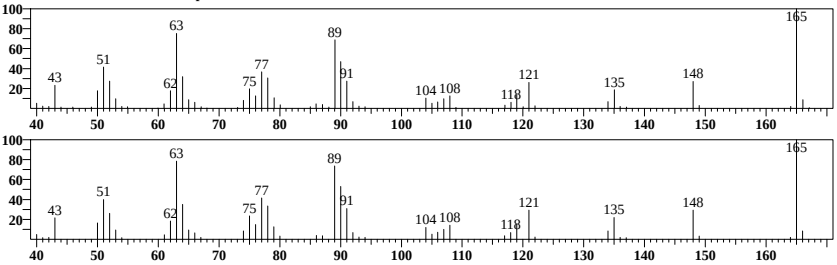
ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT) Type:Target No Manual Integration

ID#:59 R.Time:14.662(Scan#:2261)
MassPeaks:62
RawMode:Averaged 14.652-14.672(2259-2263)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:165.00 R.T:14.661 Area:89418 Conc:34.97036ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	63.00	35929	75.29	89.00
2	89.00	32847	68.83	65.00



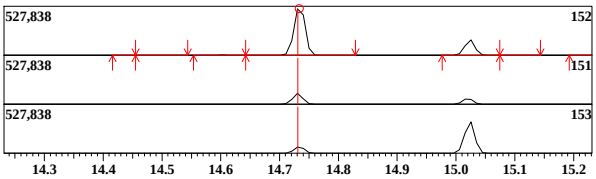


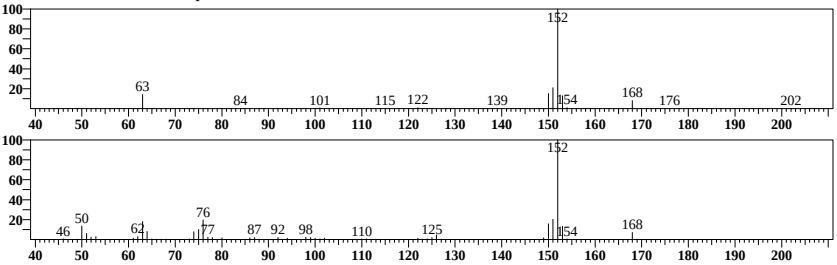
ID#:60 Name:Acenaphthylene Type:Target No Manual Integration

ID#:60 R.Time:14.731(Scan#:2276)
MassPeaks:20
RawMode:Averaged 14.721-14.740(2274-2278)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM

Mass:152.00 R.T:14.734 Area:705465 Conc:35.26087ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	151.00	76838	21.02	14.97
2	153.00	47306	12.94	5.44

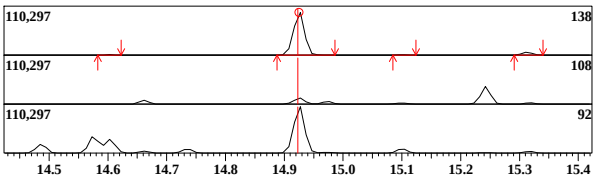




ID#:61 Name:3-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.925 Area:129915 Conc:37.86651ppm
Event:1:Scan SI:97

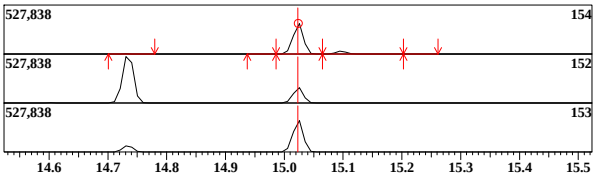
#	m/z	Area	Ratio	Reference
1	108.00	8832	13.37	16.00
2	92.00	71936	108.88	101.00



ID#:62 Name:Acenaphthene Type:Target No Manual Integration

Mass:154.00 R.T:15.024 Area:410875 Conc:30.94762ppm
Event:2:SIM SI:98

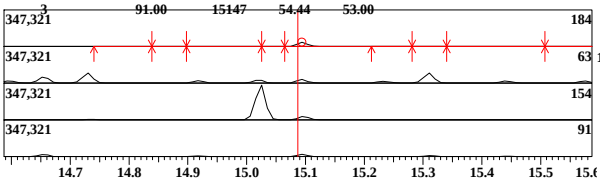
#	m/z	Area	Ratio	Reference
1	152.00	109442	50.54	59.49
2	153.00	224137	103.50	105.06



ID#:63 Name:2,4-Dinitrophenol Type:Target No Manual Integration

Mass:184.00 R.T:15.094 Area:57395 Conc:38.83386ppm
Event:2:SIM SI:97

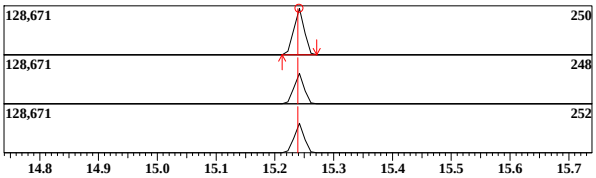
#	m/z	Area	Ratio	Reference
1	63.00	22622	81.30	90.00
2	154.00	22644	81.38	64.00
3	91.00	15147	54.44	53.00



ID#:64 Name:Pentachlorobenzene Type:Target No Manual Integration

Mass:250.00 R.T:15.241 Area:152601 Conc:33.88953ppm
Event:1:Scan SI:90

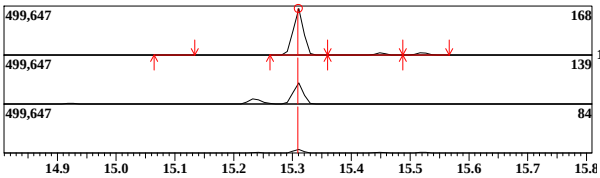
#	m/z	Area	Ratio	Reference
1	248.00	51962	63.81	63.33
2	252.00	50158	61.60	65.87



ID#:65 Name:Dibenzofuran Type:Target No Manual Integration

Mass:168.00 R.T:15.310 Area:581718 Conc:32.70869ppm
Event:2:SIM SI:97

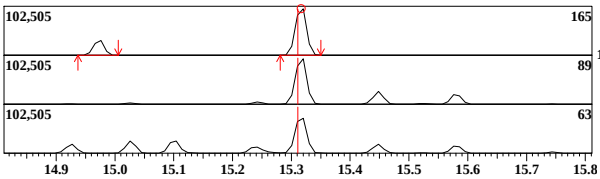
#	m/z	Area	Ratio	Reference
1	139.00	138874	44.89	44.93
2	84.00	23382	7.56	10.15



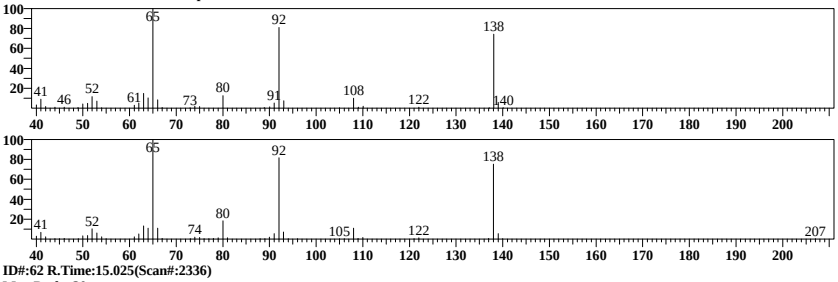
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT) Type:Target No Manual Integration

Mass:165.00 R.T:15.317 Area:134156 Conc:36.36658ppm
Event:1:Scan SI:98

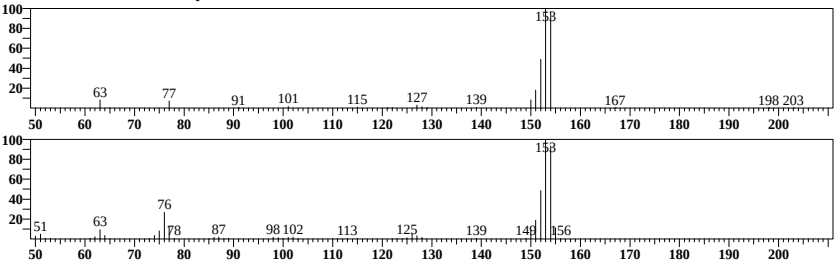
#	m/z	Area	Ratio	Reference
1	89.00	66476	97.09	96.00
2	63.00	52611	76.84	80.00



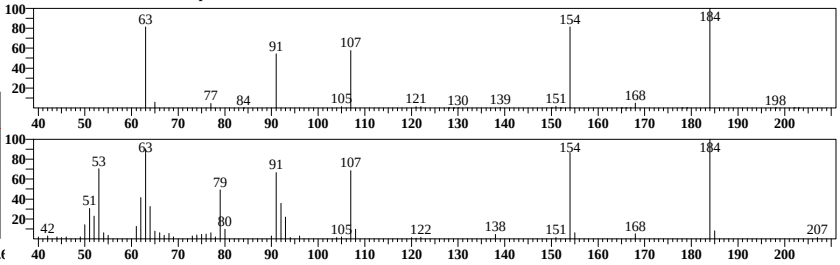
ID#:61 R.Time:14.927(Scan#:2315)
MassPeaks:36
RawMode:Averaged 14.917-14.937(2313-2317)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



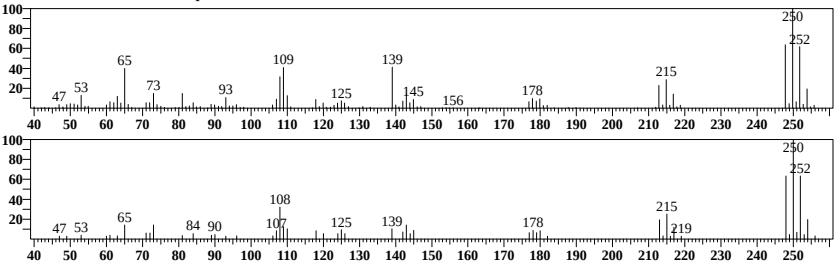
ID#:62 R.Time:15.025(Scan#:2336)
MassPeaks:20
RawMode:Averaged 15.016-15.035(2334-2338)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



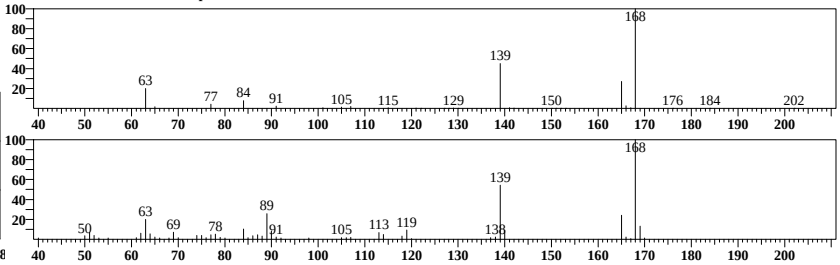
ID#:63 R.Time:15.094(Scan#:2350)
MassPeaks:27
RawMode:Averaged 15.085-15.104(2348-2352)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



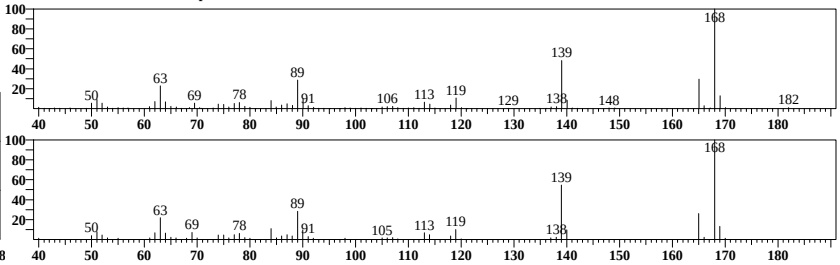
ID#:64 R.Time:15.242(Scan#:2379)
MassPeaks:108
RawMode:Averaged 15.232-15.252(2377-2381)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:65 R.Time:15.311(Scan#:2394)
MassPeaks:29
RawMode:Averaged 15.301-15.320(2392-2396)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



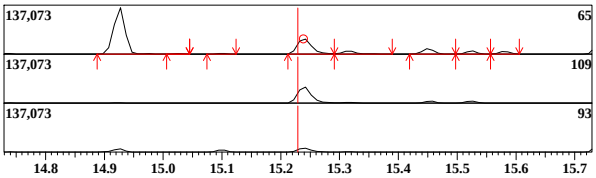
ID#:66 R.Time:15.321(Scan#:2395)
MassPeaks:87
RawMode:Averaged 15.311-15.330(2393-2397)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:67 Name:4-Nitrophenol Type:Target No Manual Integration

Mass:65.00 R.T:15.239 Area:75360 Conc:29.55232ppm
Event:1:Scan SI:65

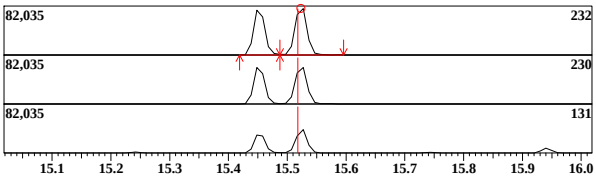
#	m/z	Area	Ratio	Reference
1	109.00	34267	101.70	97.00
2	93.00	9080	26.95	21.72



ID#:68 Name:2,3,4,6-Tetrachlorophenol Type:Target No Manual Integration

Mass:232.00 R.T:15.524 Area:114284 Conc:36.00343ppm
Event:1:Scan SI:95

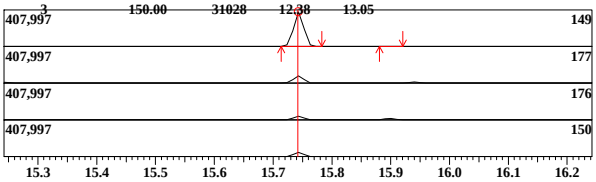
#	m/z	Area	Ratio	Reference
1	230.00	44074	78.52	75.09
2	131.00	26657	47.49	41.75



ID#:69 Name:Diethyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:15.743 Area:466663 Conc:35.92478ppm
Event:1:Scan SI:98

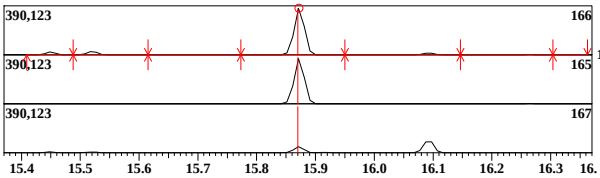
#	m/z	Area	Ratio	Reference
1	177.00	51332	20.48	23.56
2	176.00	26023	10.38	10.95
3	150.00	31028	12.38	13.05



ID#:70 Name:FluoreneType:Target No Manual Integration

Mass:166.00 R.T:15.872 Area:468970 Conc:32.48427ppm
Event:2:SIM SI:96

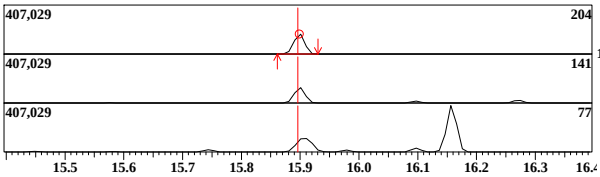
#	m/z	Area	Ratio	Reference
1	165.00	237525	95.85	75.42
2	167.00	33068	13.35	3.39



ID#:71 Name:4-Chlorophenyl phenyl ether Type:Target No Manual Integration

Mass:204.00 R.T:15.899 Area:220835 Conc:34.36089ppm
Event:1:Scan SI:68

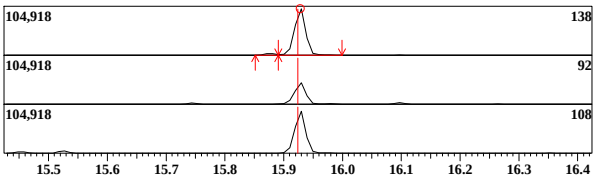
#	m/z	Area	Ratio	Reference
1	141.00	90346	78.13	98.00
2	77.00	81994	70.90	53.19



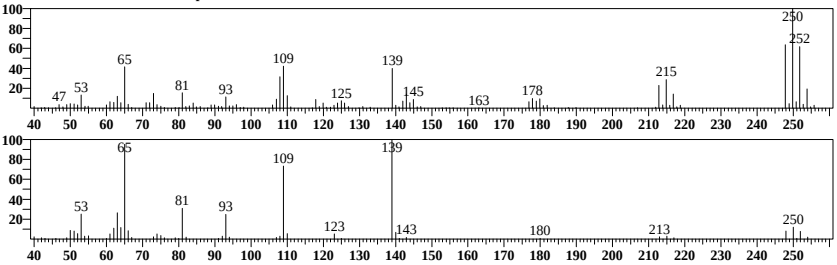
ID#:72 Name:4-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:15.929 Area:133924 Conc:41.93775ppm
Event:1:Scan SI:51

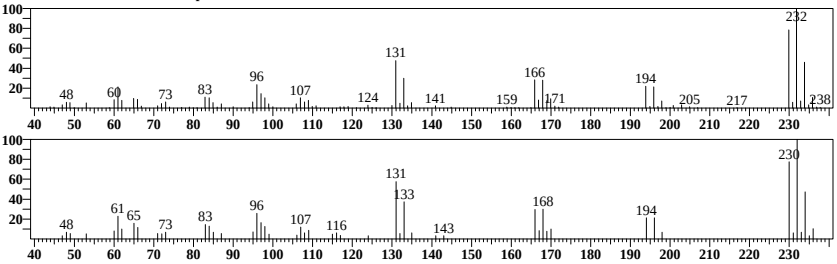
#	m/z	Area	Ratio	Reference
1	92.00	30790	46.33	64.55
2	108.00	60392	90.87	83.01



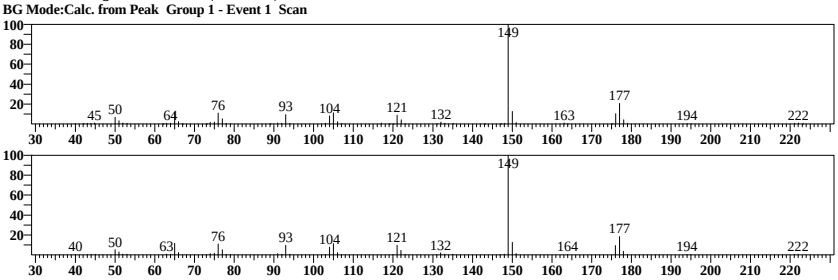
ID#:67 R.Time:15.242(Scan#:2379)
MassPeaks:108
RawMode:Averaged 15.232-15.252(2377-2381)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



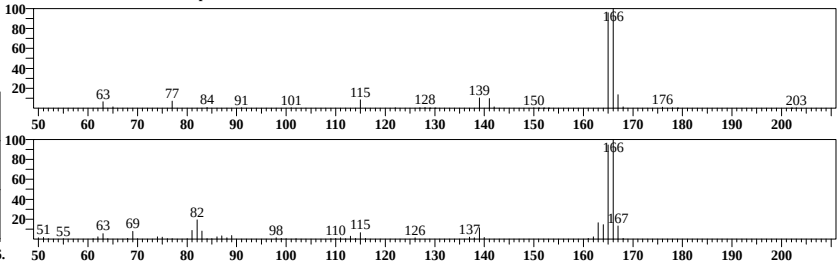
ID#:68 R.Time:15.527(Scan#:2437)
MassPeaks:89
RawMode:Averaged 15.517-15.537(2435-2439)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



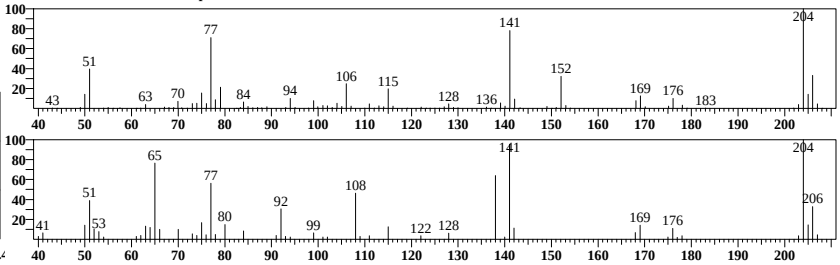
ID#:69 R.Time:15.743(Scan#:2481)
MassPeaks:60
RawMode:Averaged 15.733-15.753(2479-2483)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



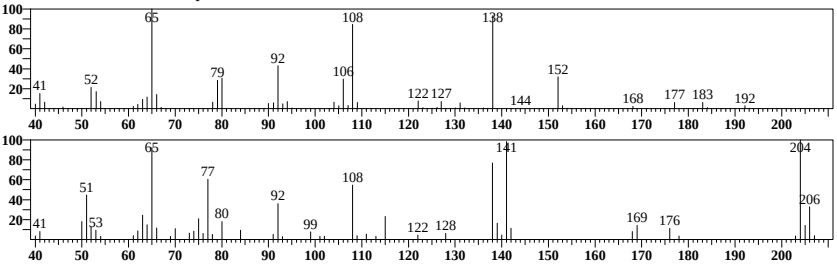
ID#:70 R.Time:15.871(Scan#:2508)
MassPeaks:28
RawMode:Averaged 15.861-15.881(2506-2510)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



ID#:71 R.Time:15.901(Scan#:2513)
MassPeaks:91
RawMode:Averaged 15.891-15.911(2511-2515)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



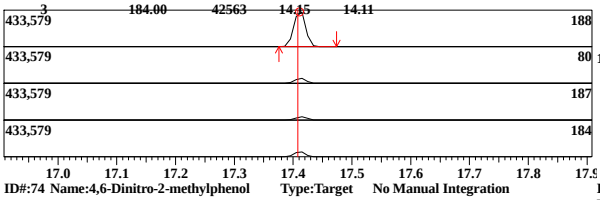
ID#:72 R.Time:15.930(Scan#:2519)
MassPeaks:54
RawMode:Averaged 15.920-15.940(2517-2521)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:73 Name:Phenanthrene-d10 (IS) Type:ISTD No Manual Integration

Mass:188.00 R.T:17.412 Area:599935 Conc:40.00000ppm
Event:1:Scan SI:96

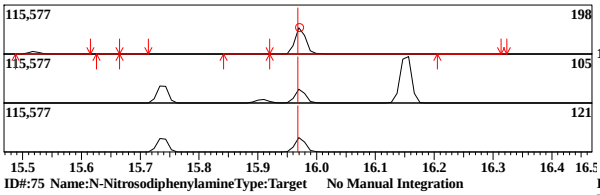
#	m/z	Area	Ratio	Reference
1	80.00	40910	13.60	15.93
2	187.00	28872	9.60	10.00
3	184.00	42563	14.15	14.11



ID#:74 Name:4,6-Dinitro-2-methylphenol Type:Target No Manual Integration

Mass:198.00 R.T:15.971 Area:83108 Conc:41.65668ppm
Event:2:SIM SI:54

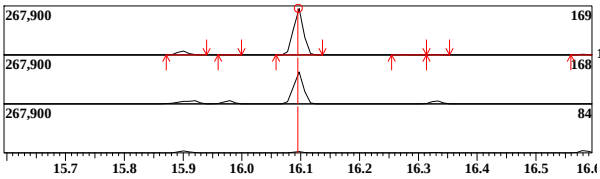
#	m/z	Area	Ratio	Reference
1	105.00	18449	43.85	55.83
2	121.00	23186	55.12	44.01



ID#:75 Name:N-NitrosodiphenylamineType:Target No Manual Integration

Mass:169.00 R.T:16.096 Area:305692 Conc:29.45255ppm
Event:1:Scan SI:98

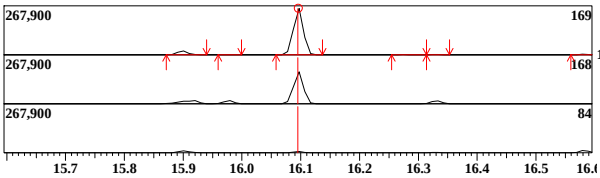
#	m/z	Area	Ratio	Reference
1	168.00	112424	68.79	64.38
2	84.00	5057	3.09	2.92



ID#:76 Name:Diphenylamine Type:Target No Manual Integration

Mass:169.00 R.T:16.096 Area:305692 Conc:29.45255ppm
Event:1:Scan SI:98

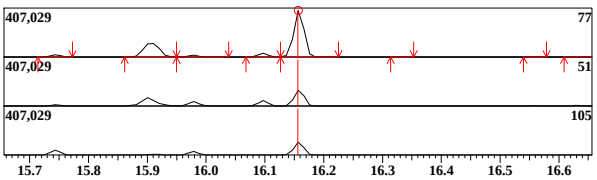
#	m/z	Area	Ratio	Reference
1	168.00	112424	68.79	64.38
2	84.00	5057	3.09	2.92



ID#:77 Name:1,2-Diphenylhydrazine Type:Target No Manual Integration

Mass:77.00 R.T:16.157 Area:481191 Conc:34.62574ppm
Event:1:Scan SI:96

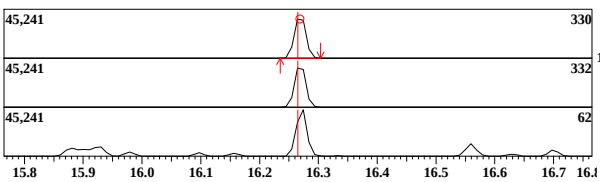
#	m/z	Area	Ratio	Reference
1	51.00	89047	34.71	21.73
2	105.00	71547	27.89	6.07



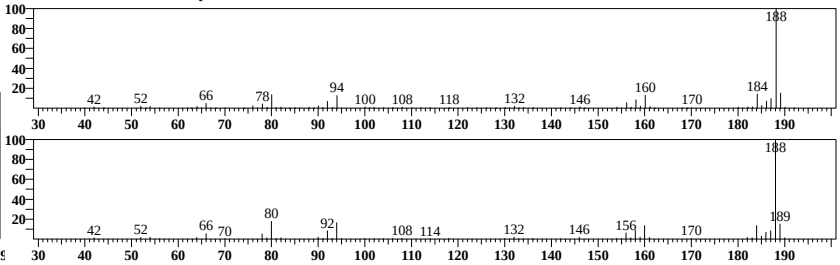
ID#:78 Name:2,4,6-Tribromophenol Type:Surrogate/SMC No Manual Integration

Mass:330.00 R.T:16.269 Area:54285 Conc:40.25807ppm
Event:1:Scan SI:70

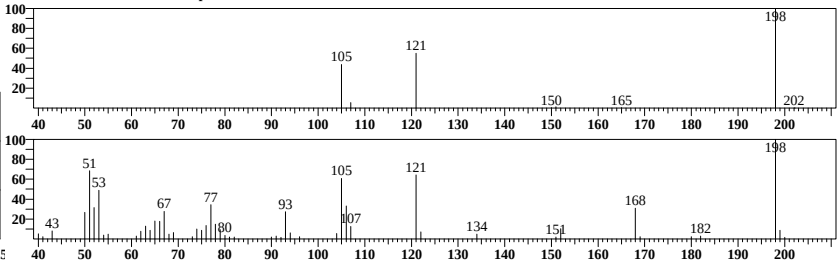
#	m/z	Area	Ratio	Reference
1	332.00	26678	97.70	100.00
2	62.00	26875	98.42	97.00



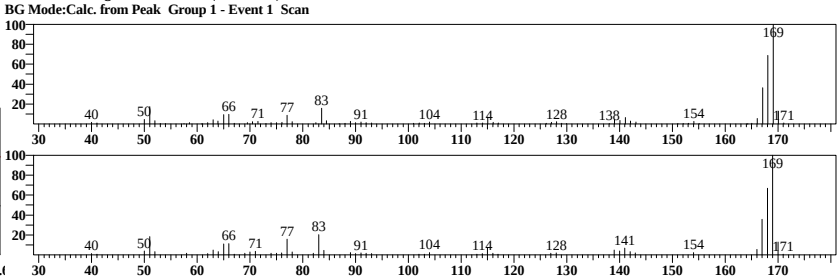
ID#:73 R.Time:17.415(Scan#:2821)
MassPeaks:82
RawMode:Averaged 17.405-17.425(2819-2823)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



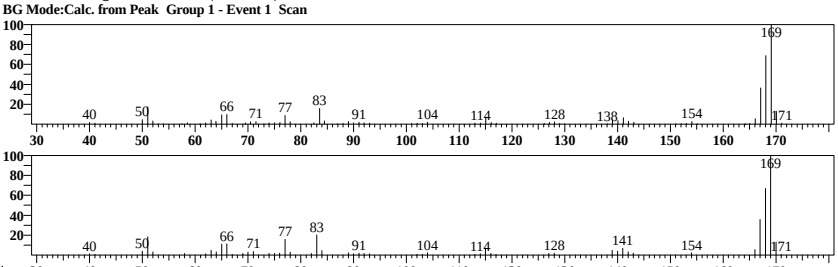
ID#:74 R.Time:15.970(Scan#:2528)
MassPeaks:8
RawMode:Averaged 15.960-15.979(2526-2530)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



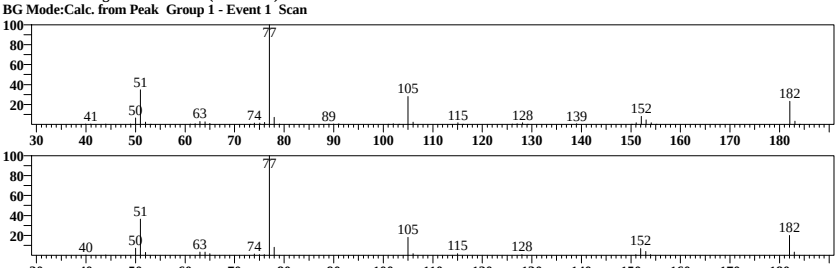
ID#:75 R.Time:16.097(Scan#:2553)
MassPeaks:68
RawMode:Averaged 16.087-16.107(2551-2555)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



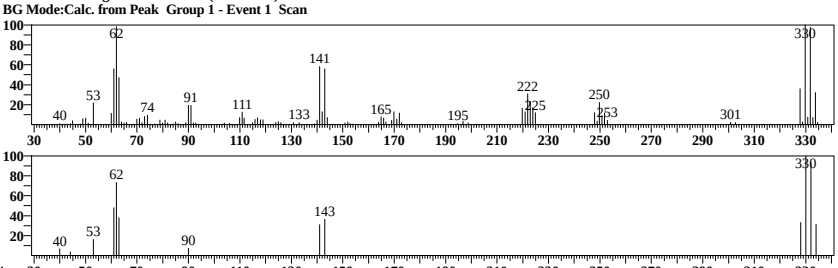
ID#:76 R.Time:16.097(Scan#:2553)
MassPeaks:68
RawMode:Averaged 16.087-16.107(2551-2555)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:77 R.Time:16.156(Scan#:2565)
MassPeaks:44
RawMode:Averaged 16.147-16.166(2563-2567)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



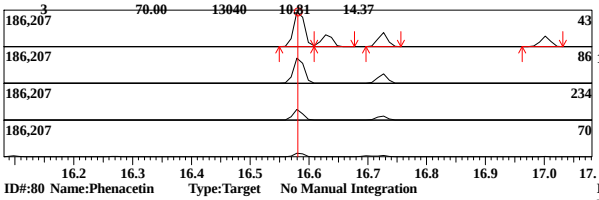
ID#:78 R.Time:16.265(Scan#:2587)
MassPeaks:92
RawMode:Averaged 16.255-16.274(2585-2589)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



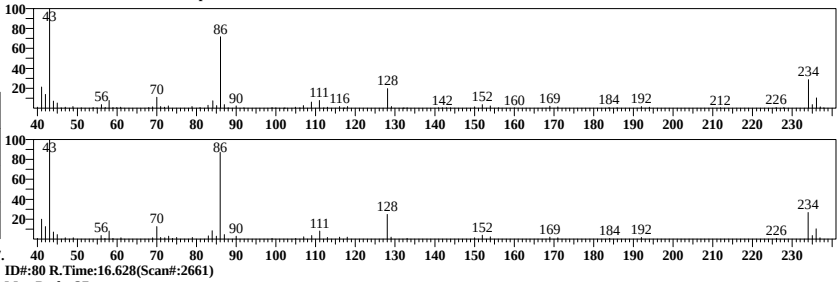
ID#:79 Name:(cis/trans)-Diallate Type:Target No Manual Integration

Mass:43.00 R.T:16.582 Area:236212 Conc:36.02525ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	86.00	86691	71.85	76.79
2	234.00	34354	28.47	26.39
3	70.00	13040	10.81	14.37



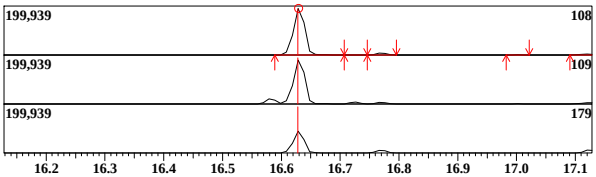
ID#:79 R.Time:16.579(Scan#:2651)
MassPeaks:74
RawMode:Averaged 16.569-16.589(2649-2653)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



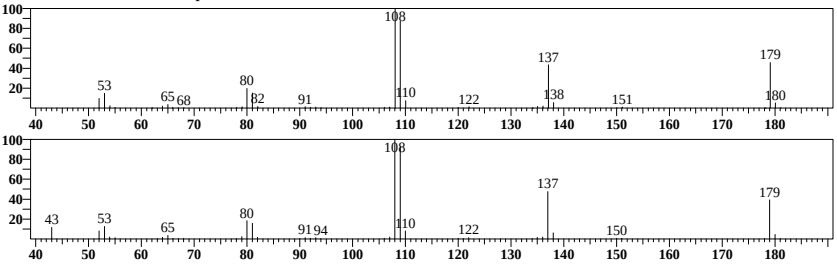
ID#:80 Name:Phenacetin Type:Target No Manual Integration

Mass:108.00 R.T:16.630 Area:261106 Conc:38.32889ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	109.00	117281	87.19	83.01
2	179.00	61556	45.76	44.31



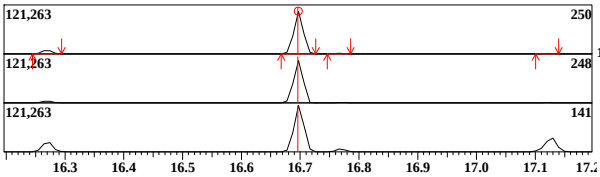
ID#:80 R.Time:16.628(Scan#:2661)
MassPeaks:37
RawMode:Averaged 16.619-16.638(2659-2663)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



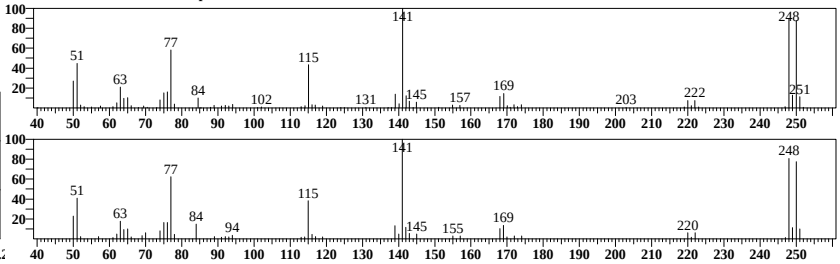
ID#:81 Name:4-Bromophenyl phenyl ether Type:Target No Manual Integration

Mass:250.00 R.T:16.697 Area:121943 Conc:35.39958ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	248.00	66926	101.79	105.86
2	141.00	74871	113.87	137.00



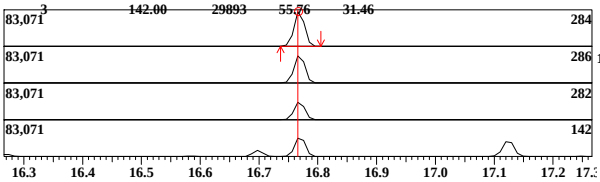
ID#:81 R.Time:16.697(Scan#:2675)
MassPeaks:72
RawMode:Averaged 16.687-16.707(2673-2677)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



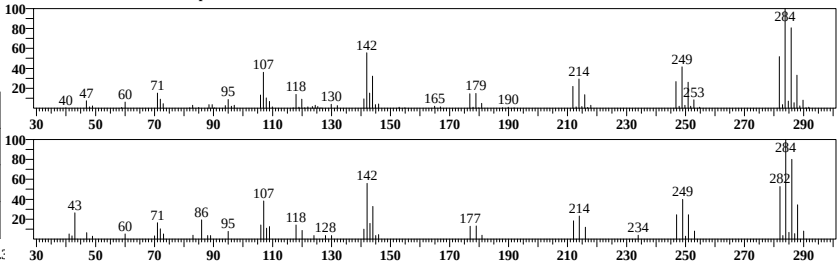
ID#:82 Name:Hexachlorobenzene Type:Target No Manual Integration

Mass:284.00 R.T:16.768 Area:102782 Conc:32.73387ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	286.00	43203	80.59	79.72
2	282.00	27827	51.91	51.93
3	142.00	29893	55.76	31.46



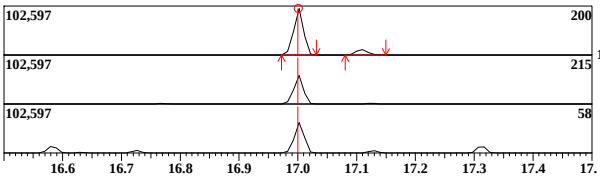
ID#:82 R.Time:16.766(Scan#:2689)
MassPeaks:80
RawMode:Averaged 16.756-16.776(2687-2691)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



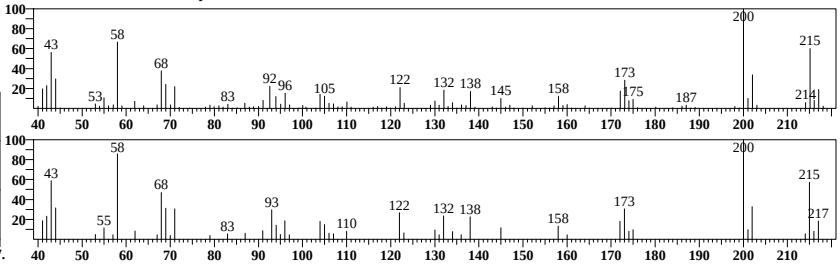
ID#:83 Name:Atrazine Type:Target No Manual Integration

Mass:200.00 R.T:17.001 Area:115521 Conc:33.28027ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	215.00	37277	60.25	59.43
2	58.00	41101	66.43	64.00



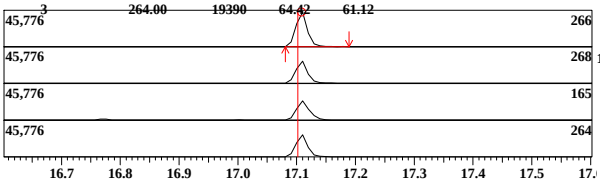
ID#:83 R.Time:17.002(Scan#:2737)
MassPeaks:111
RawMode:Averaged 16.992-17.012(2735-2739)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



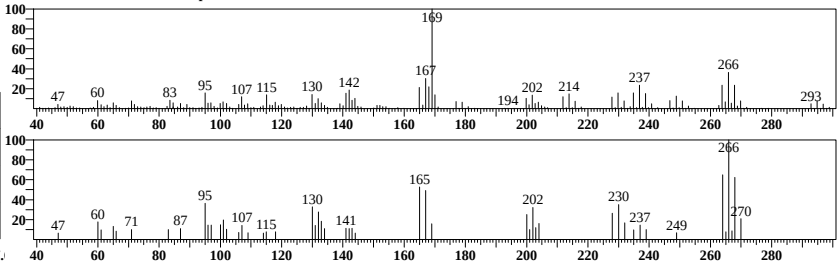
ID#:84 Name:Pentachlorophenol Type:Target No Manual Integration

Mass:266.00 R.T:17.108 Area:61515 Conc:36.68115ppm
Event:1:Scan SI:70

#	m/z	Area	Ratio	Reference
1	268.00	19396	64.44	59.97
2	165.00	17718	58.86	41.42
3	264.00	19390	64.42	61.12



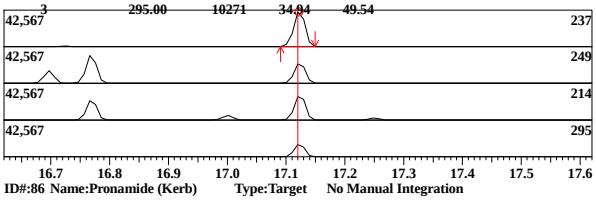
ID#:84 R.Time:17.110(Scan#:2759)
MassPeaks:179
RawMode:Averaged 17.100-17.120(2757-2761)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



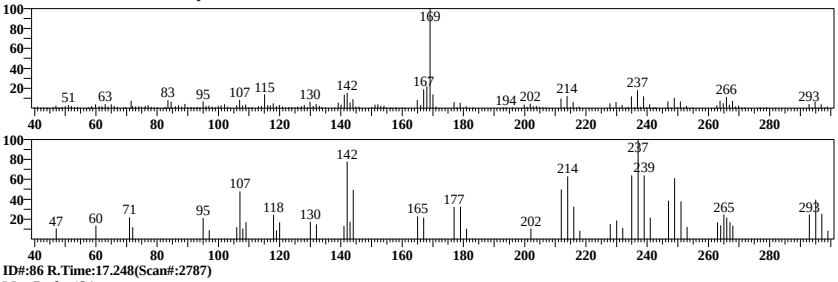
ID#:85 Name:Pentachloronitrobenzene Type:Target No Manual Integration

Mass:237.00 R.T:17.122 Area:57111 Conc:34.83729ppm
Event:1:Scan SI:55

#	m/z	Area	Ratio	Reference
1	249.00	16484	56.08	68.26
2	214.00	20064	68.26	62.54
3	295.00	10271	34.94	49.54



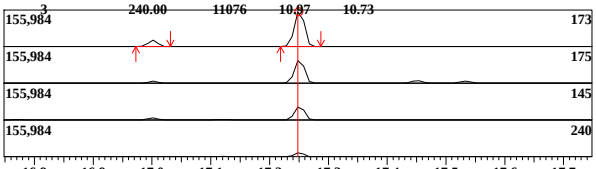
ID#:85 R.Time:17.120(Scan#:2761)
MassPeaks:181
RawMode:Averaged 17.110-17.130(2759-2763)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



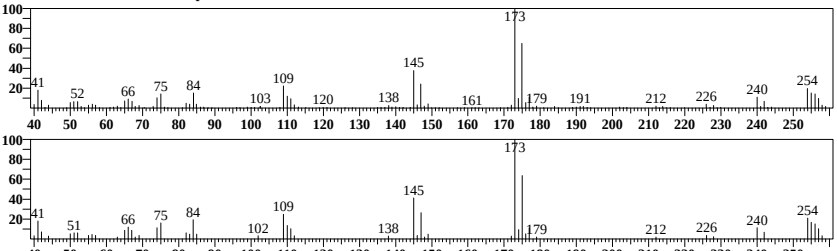
ID#:86 Name:Pronamide (Kerb) Type:Target No Manual Integration

Mass:173.00 R.T:17.250 Area:188243 Conc:37.08000ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	175.00	65546	64.93	60.85
2	145.00	37920	37.56	30.82
3	240.00	11076	10.97	10.73



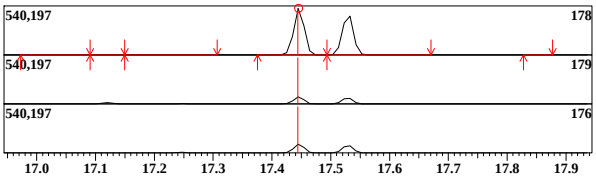
ID#:86 R.Time:17.248(Scan#:2787)
MassPeaks:124
RawMode:Averaged 17.238-17.258(2785-2789)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



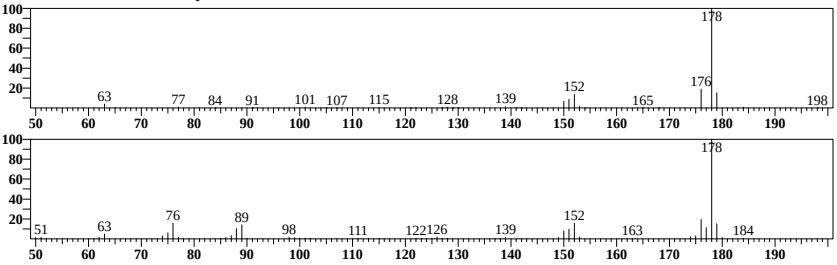
ID#:87 Name:Phenanthrene Type:Target No Manual Integration

Mass:178.00 R.T:17.445 Area:659649 Conc:33.13662ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	179.00	52894	15.25	15.63
2	176.00	66322	19.12	18.75



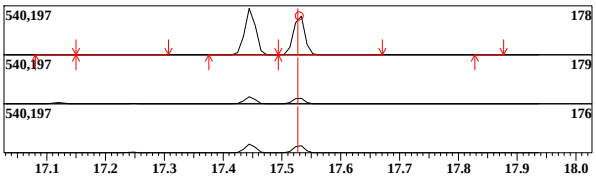
ID#:87 R.Time:17.445(Scan#:2828)
MassPeaks:30
RawMode:Averaged 17.435-17.454(2826-2830)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



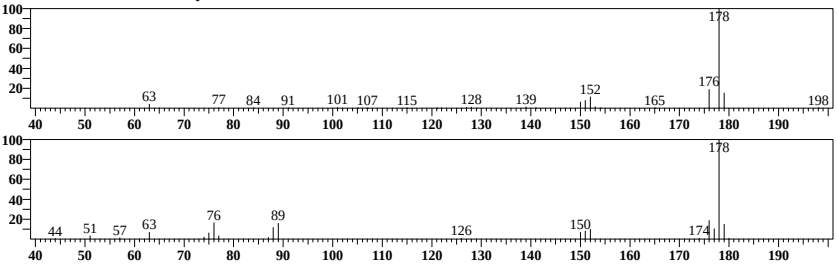
ID#:88 Name:Anthracene Type:Target No Manual Integration

Mass:178.00 R.T:17.530 Area:592730 Conc:28.51917ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	179.00	45289	15.12	12.08
2	176.00	55938	18.67	20.60



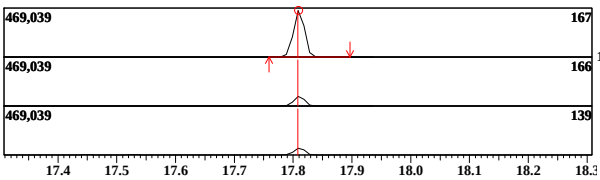
ID#:88 R.Time:17.533(Scan#:2846)
MassPeaks:26
RawMode:Averaged 17.523-17.543(2844-2848)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



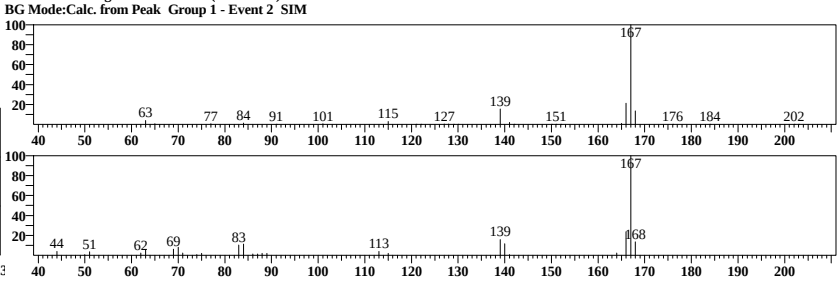
ID#:89 Name:Carbazole Type:Target No Manual Integration

Mass:167.00 R.T:17.810 Area:602660 Conc:32.58009ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	166.00	66692	21.27	20.96
2	139.00	48123	15.35	12.92



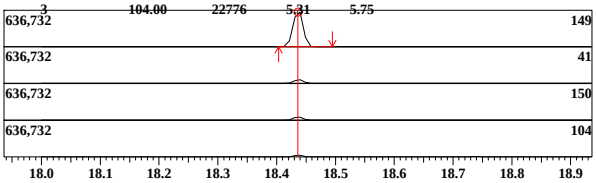
ID#:89 R.Time:17.808(Scan#:2902)
MassPeaks:27
RawMode:Averaged 17.799-17.818(2900-2904)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



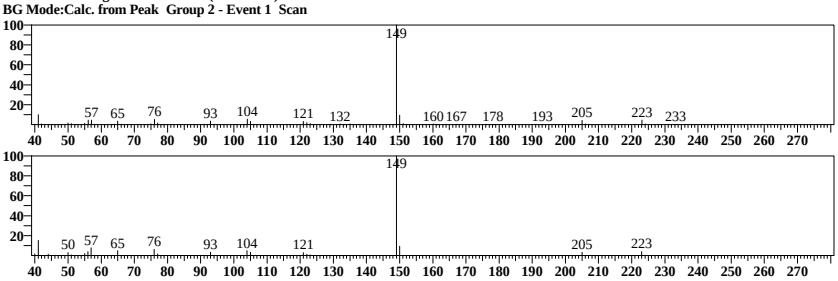
ID#:90 Name:Di-n-butyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:18.437 Area:779535 Conc:35.73453ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	41.00	42513	9.91	10.41
2	150.00	39562	9.23	8.84
3	104.00	22776	5.31	5.75



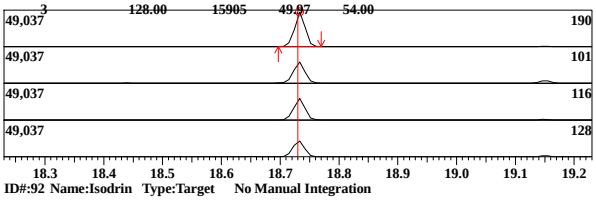
ID#:90 R.Time:18.440(Scan#:3025)
MassPeaks:65
RawMode:Averaged 18.431-18.449(3023-3027)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



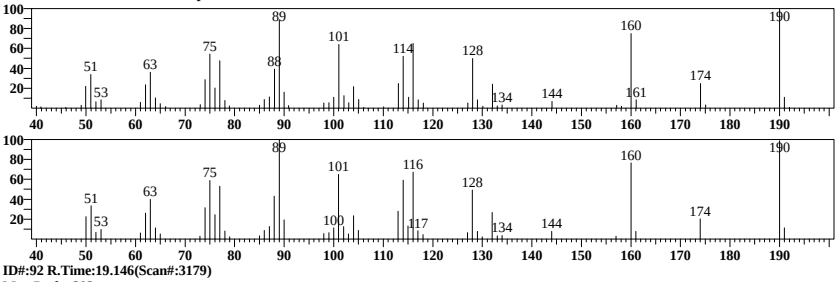
ID#:91 Name:4-Nitroquinoline-N-Oxide Type:Target No Manual Integration

Mass:190.00 R.T:18.733 Area:58483 Conc:39.97738ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	101.00	20341	63.90	71.00
2	116.00	20662	64.91	70.00
3	128.00	15905	49.97	54.00



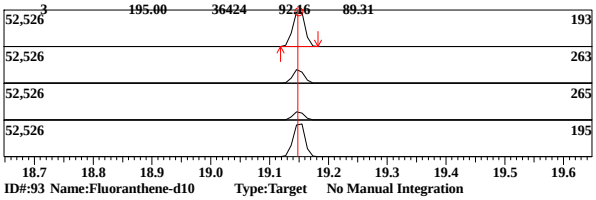
ID#:91 R.Time:18.733(Scan#:3089)
MassPeaks:61
RawMode:Averaged 18.724-18.743(3087-3091)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



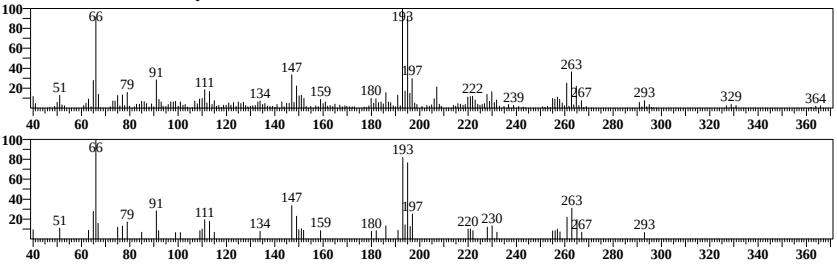
ID#:92 Name:Isodrin Type:Target No Manual Integration

Mass:193.00 R.T:19.150 Area:74524 Conc:37.74794ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	263.00	14298	36.17	42.74
2	265.00	8695	22.00	29.49
3	195.00	36424	92.16	89.31



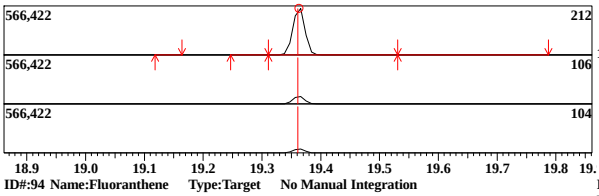
ID#:92 R.Time:19.146(Scan#:3179)
MassPeaks:202
RawMode:Averaged 19.137-19.155(3177-3181)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



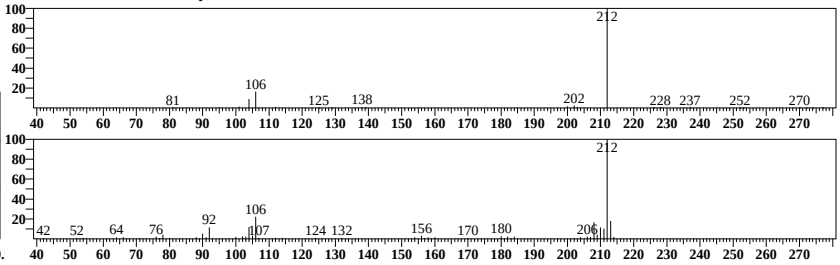
ID#:93 Name:Fluoranthene-d10 Type:Target No Manual Integration

Mass:212.00 R.T:19.363 Area:785686 Conc:42.22792ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	106.00	65992	16.21	22.08
2	104.00	35341	8.68	12.34



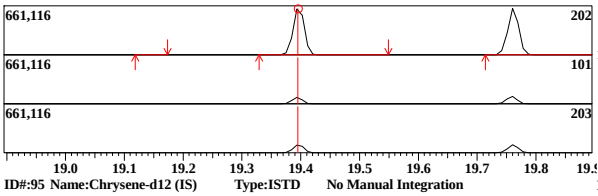
ID#:93 R.Time:19.366(Scan#:3228)
MassPeaks:22
RawMode:Averaged 19.357-19.375(3226-3230)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



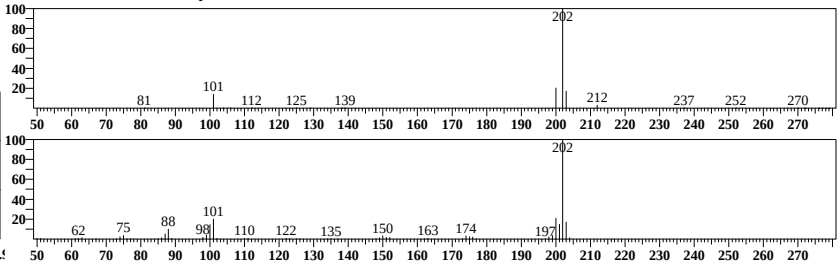
ID#:94 Name:Fluoranthene Type:Target No Manual Integration

Mass:202.00 R.T:19.396 Area:850927 Conc:34.74094ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	101.00	63208	13.79	14.12
2	203.00	78106	17.04	6.47



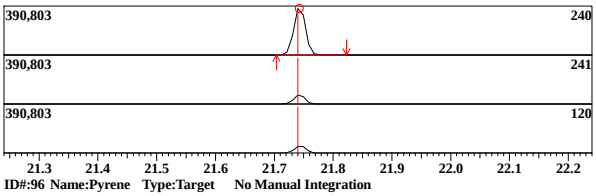
ID#:94 R.Time:19.393(Scan#:3234)
MassPeaks:21
RawMode:Averaged 19.384-19.403(3232-3236)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



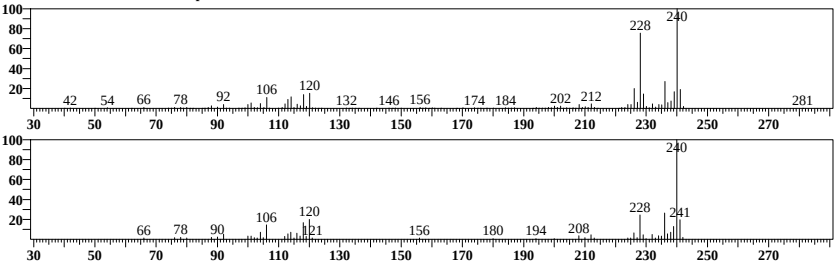
ID#:95 Name:Chrysene-d12 (IS) Type:ISTD No Manual Integration

Mass:240.00 R.T:21.743 Area:535654 Conc:40.00000ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	241.00	53593	19.05	19.13
2	120.00	42223	15.01	14.79



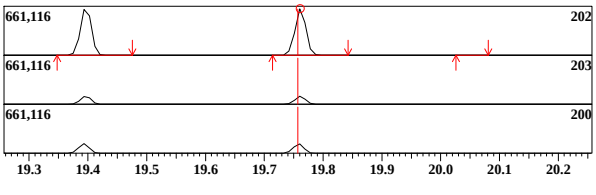
ID#:95 R.Time:21.740(Scan#:3745)
MassPeaks:121
RawMode:Averaged 21.731-21.749(3743-3747)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



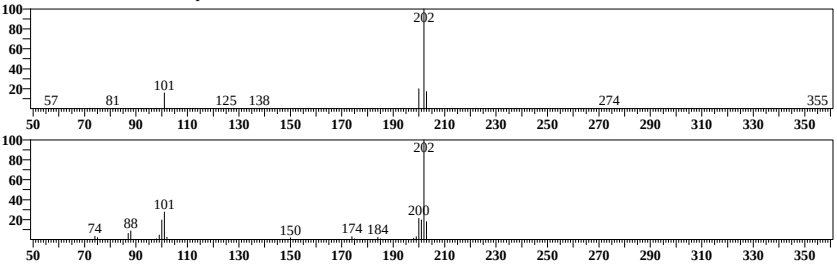
ID#:96 Name:Pyrene Type:Target No Manual Integration

Mass:202.00 R.T:19.761 Area:843426 Conc:33.52311ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	203.00	78082	17.10	18.13
2	200.00	91042	19.94	4.68



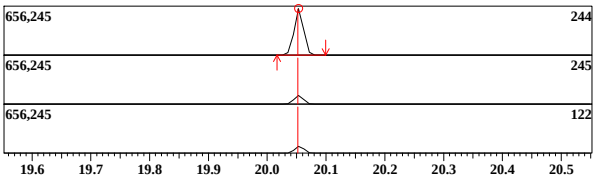
ID#:96 R.Time:19.760(Scan#:3314)
MassPeaks:16
RawMode:Averaged 19.751-19.769(3312-3316)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



ID#:97 Name:p-Terphenyl-d14Type:Surrogate/SMC No Manual Integration

Mass:244.00 R.T:20.054 Area:726191 Conc:45.55199ppm
Event:1:Scan SI:83

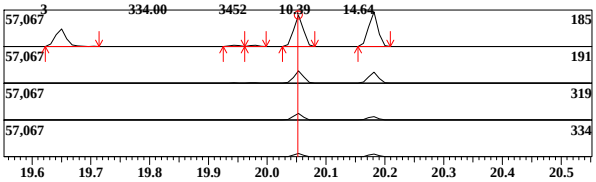
#	m/z	Area	Ratio	Reference
1	245.00	78086	18.97	19.16
2	122.00	60743	14.76	13.22



ID#:98 Name:Aramite A Type:Target No Manual Integration

Mass:185.00 R.T:20.053 Area:58340 Conc:17.99114ppm
Event:1:Scan SI:42

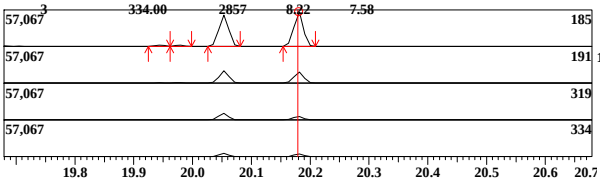
#	m/z	Area	Ratio	Reference
1	191.00	12719	38.30	44.95
2	319.00	6631	19.97	34.11
3	334.00	3452	10.39	14.64



ID#:99 Name:Aramite B Type:Target No Manual Integration

Mass:185.00 R.T:20.181 Area:61275 Conc:19.15751ppm
Event:1:Scan SI:97

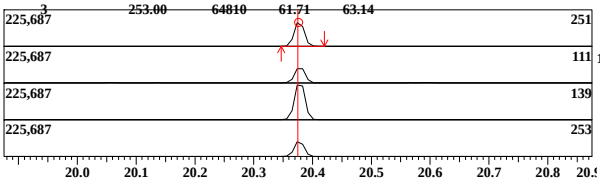
#	m/z	Area	Ratio	Reference
1	191.00	11572	33.28	42.53
2	319.00	3555	10.22	13.52
3	334.00	2857	8.22	7.58



ID#:100 Name:Chlorobenzilate Type:Target No Manual Integration

Mass:251.00 R.T:20.377 Area:189052 Conc:38.37515ppm
Event:1:Scan SI:98

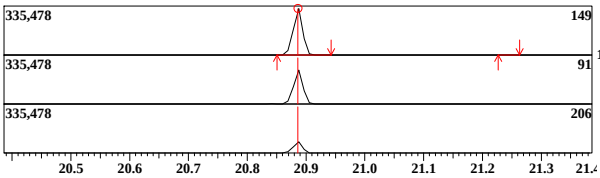
#	m/z	Area	Ratio	Reference
1	111.00	65936	62.78	55.84
2	139.00	158453	150.86	178.00
3	253.00	64810	61.71	63.14



ID#:101 Name:Butyl benzyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:20.887 Area:360780 Conc:37.82524ppm
Event:1:Scan SI:91

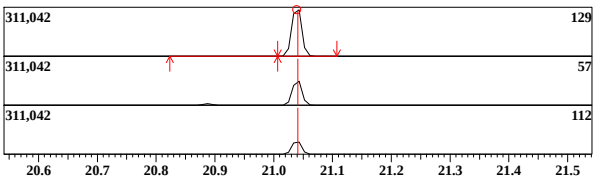
#	m/z	Area	Ratio	Reference
1	91.00	147562	72.69	92.95
2	206.00	48699	23.99	26.43



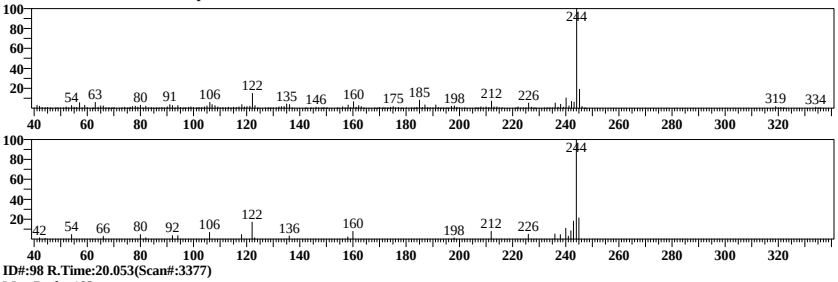
ID#:102 Name:Di(2-ethylhexyl) adipate Type:Target No Manual Integration

Mass:129.00 R.T:21.039 Area:375419 Conc:36.55349ppm
Event:1:Scan SI:97

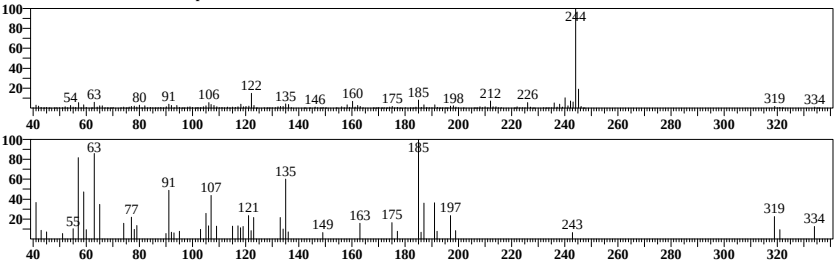
#	m/z	Area	Ratio	Reference
1	57.00	103964	50.09	40.00
2	112.00	55228	26.61	27.60



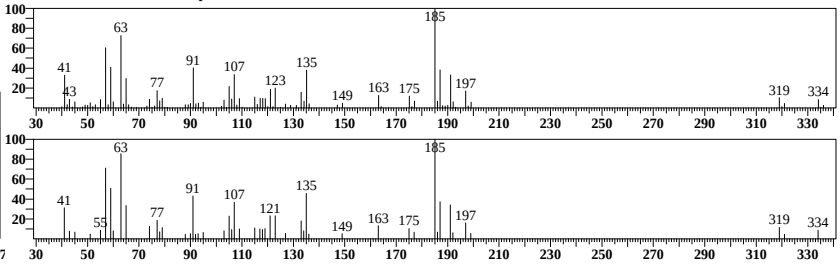
ID#:97 R.Time:20.053(Scan#:3377)
MassPeaks:183
RawMode:Averaged 20.044-20.063(3375-3379)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



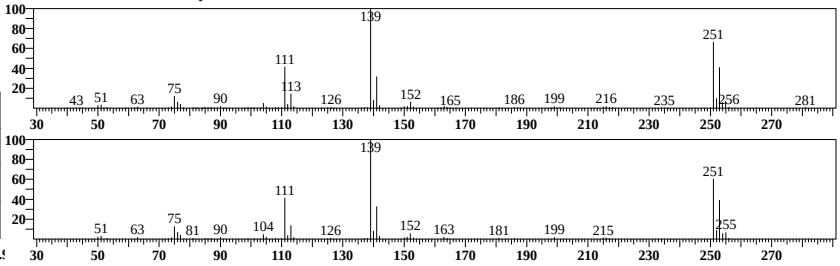
ID#:98 R.Time:20.053(Scan#:3377)
MassPeaks:183
RawMode:Averaged 20.044-20.063(3375-3379)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



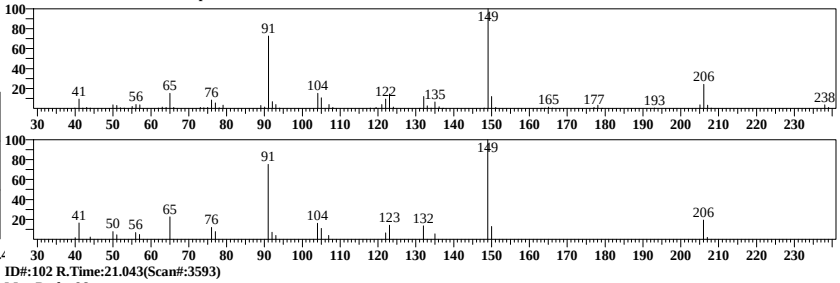
ID#:99 R.Time:20.182(Scan#:3405)
MassPeaks:91
RawMode:Averaged 20.172-20.191(3403-3407)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



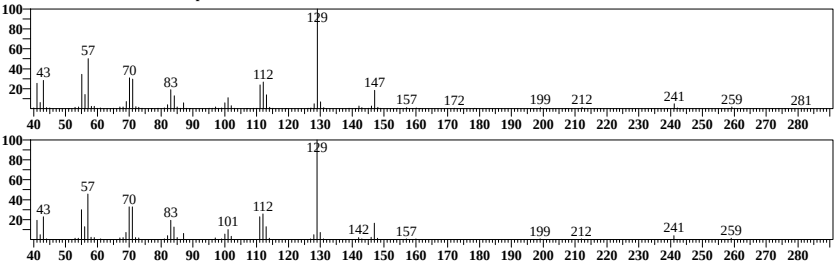
ID#:100 R.Time:20.374(Scan#:3447)
MassPeaks:88
RawMode:Averaged 20.365-20.383(3445-3449)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



ID#:101 R.Time:20.887(Scan#:3559)
MassPeaks:65
RawMode:Averaged 20.878-20.897(3557-3561)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



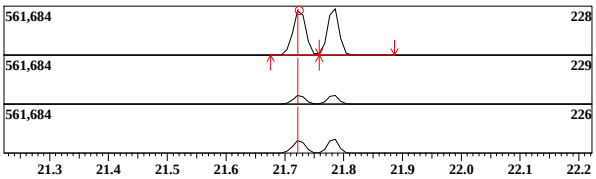
ID#:102 R.Time:21.043(Scan#:3593)
MassPeaks:96
RawMode:Averaged 21.034-21.052(3591-3595)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



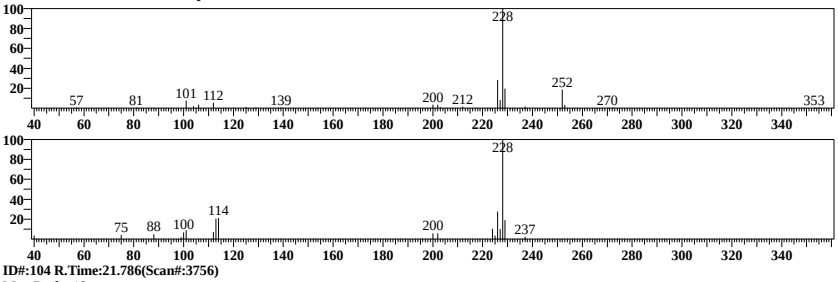
ID#:103 Name:Benzo[a]anthracene Type:Target No Manual Integration

Mass:228.00 R.T:21.724 Area:818733 Conc:36.43765ppm
Event:2:SIM SI:79

#	m/z	Area	Ratio	Reference
1	229.00	76853	19.36	27.13
2	226.00	111554	28.10	24.70



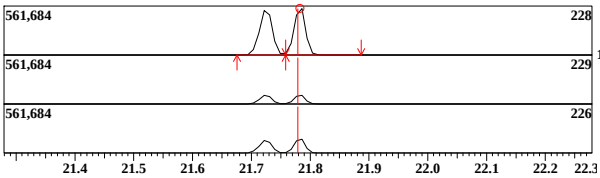
ID#:103 R.Time:21.722(Scan#:3742)
MassPeaks:25
RawMode:Averaged 21.712-21.731(3740-3744)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



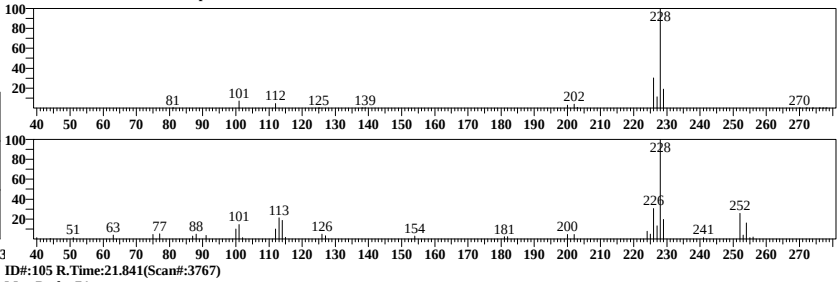
ID#:104 Name:Chrysene Type:Target No Manual Integration

Mass:228.00 R.T:21.783 Area:746129 Conc:32.96321ppm
Event:2:SIM SI:81

#	m/z	Area	Ratio	Reference
1	229.00	72719	19.07	27.13
2	226.00	114667	30.07	24.70



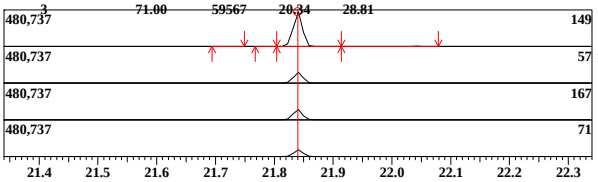
ID#:104 R.Time:21.786(Scan#:3756)
MassPeaks:19
RawMode:Averaged 21.777-21.795(3754-3758)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



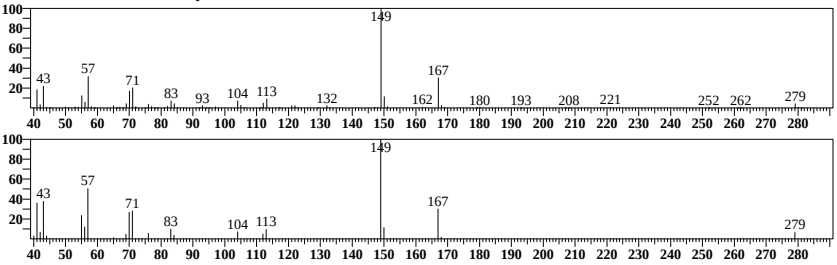
ID#:105 Name:Bis(2-Ethylhexyl) phthalate Type:Target No Manual Integration

Mass:149.00 R.T:21.840 Area:516660 Conc:36.91884ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	57.00	92683	31.65	45.69
2	167.00	88805	30.32	32.70
3	71.00	59567	20.34	28.81



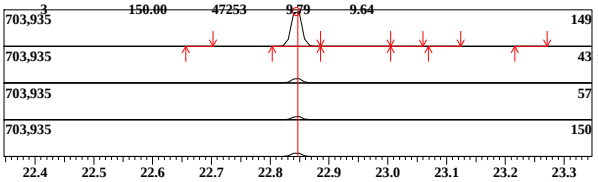
ID#:105 R.Time:21.841(Scan#:3767)
MassPeaks:74
RawMode:Averaged 21.832-21.850(3765-3769)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



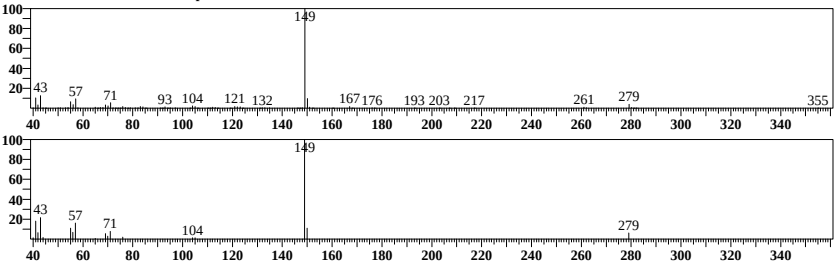
ID#:106 Name:Di-n-octyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:22.845 Area:891481 Conc:38.15256ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	43.00	60288	12.49	13.63
2	57.00	44663	9.25	13.85
3	150.00	47253	9.79	9.64



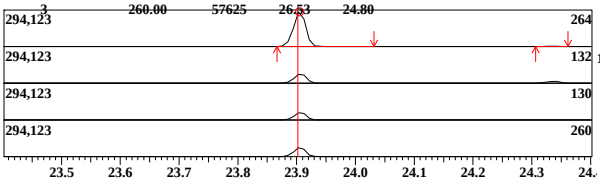
ID#:106 R.Time:22.849(Scan#:3987)
MassPeaks:82
RawMode:Averaged 22.840-22.858(3985-3989)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



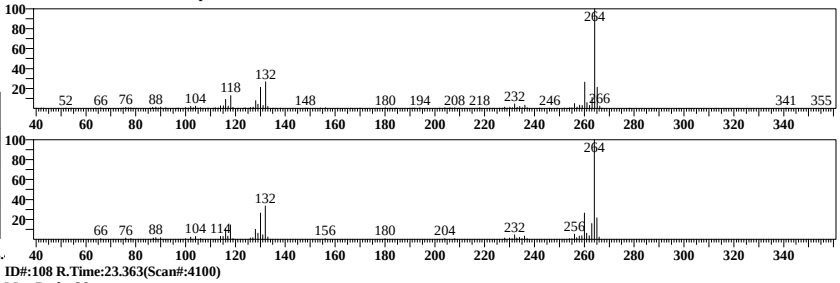
ID#:107 Name:Perylene-d12 (IS) Type:ISTD No Manual Integration

Mass:264.00 R.T:23.905 Area:425368 Conc:40.00000ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	132.00	57739	26.58	20.63
2	130.00	46305	21.32	16.36
3	260.00	57625	26.53	24.80



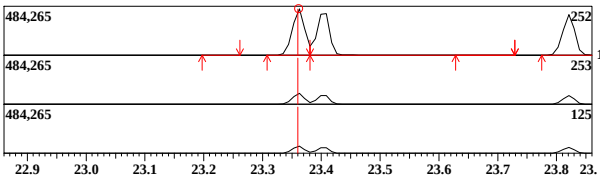
ID#:107 R.Time:23.903(Scan#:4217)
MassPeaks:112
RawMode:Averaged 23.894-23.913(4215-4219)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



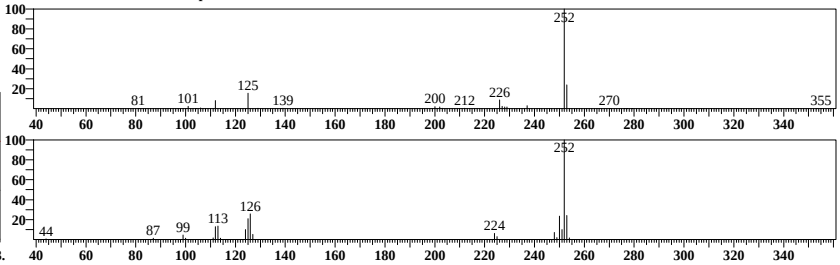
ID#:108 Name:Benzo[b]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.361 Area:698029 Conc:33.14137ppm
Event:2:SIM SI:66

#	m/z	Area	Ratio	Reference
1	253.00	67582	23.72	24.52
2	125.00	44416	15.59	21.64



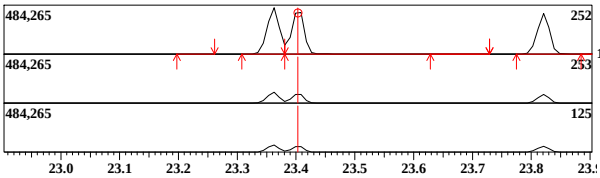
ID#:108 R.Time:23.363(Scan#:4100)
MassPeaks:26
RawMode:Averaged 23.353-23.372(4098-4102)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



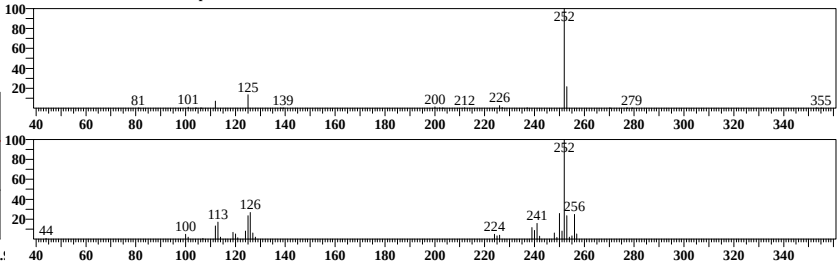
ID#:109 Name:Benzo[k]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.404 Area:638466 Conc:31.80887ppm
Event:2:SIM SI:76

#	m/z	Area	Ratio	Reference
1	253.00	52764	21.57	24.52
2	125.00	33338	13.63	21.64



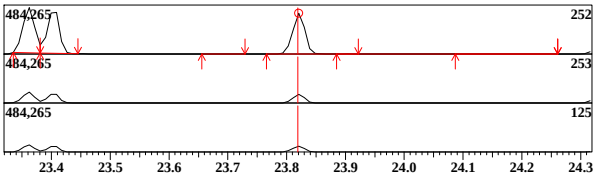
ID#:109 R.Time:23.399(Scan#:4108)
MassPeaks:22
RawMode:Averaged 23.390-23.408(4106-4110)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



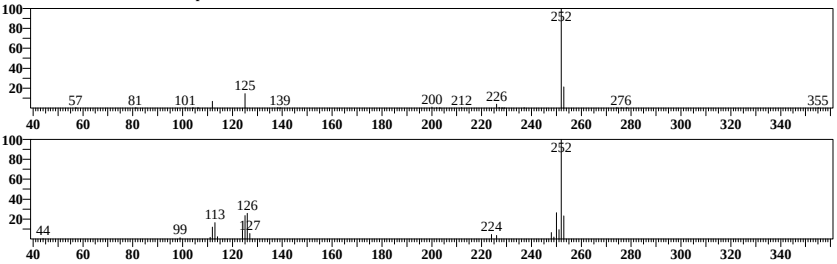
ID#:110 Name:Benzo[a]pyrene Type:Target No Manual Integration

Mass:252.00 R.T:23.821 Area:610525 Conc:37.08124ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	253.00	65061	21.10	24.52
2	125.00	44576	14.46	21.64



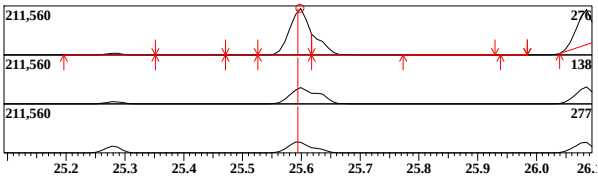
ID#:110 R.Time:23.821(Scan#:4200)
MassPeaks:24
RawMode:Averaged 23.812-23.830(4198-4202)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



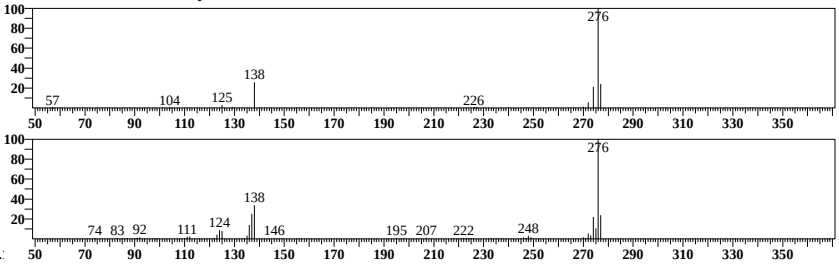
ID#:111 Name:Indeno(1,2,3-cd)pyrene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/15/2022

Mass:276.00 R.T:25.598 Area:448390 Conc:36.98483ppm
Event:2:SIM SI:95

#	m/z	Area	Ratio	Reference
1	138.00	26155	25.29	6.67
2	277.00	24559	23.75	14.17



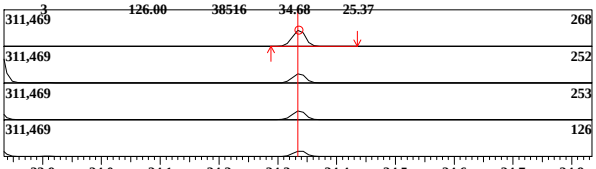
ID#:111 R.Time:25.599(Scan#:4588)
MassPeaks:12
RawMode:Averaged 25.590-25.608(4586-4590)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



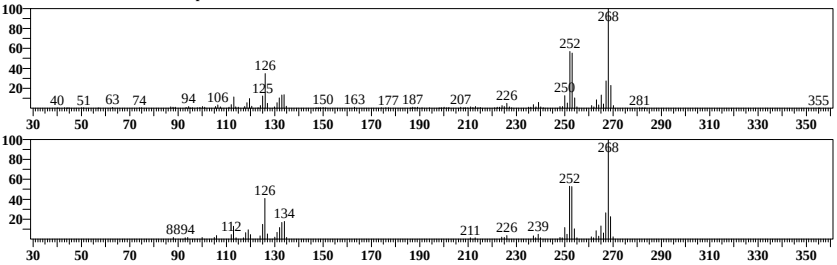
ID#:112 Name:3-Methylcholanthrene Type:Target No Manual Integration

Mass:268.00 R.T:24.336 Area:227044 Conc:30.84916ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	252.00	63266	56.97	43.24
2	253.00	61540	55.42	42.66
3	126.00	38516	34.68	25.37



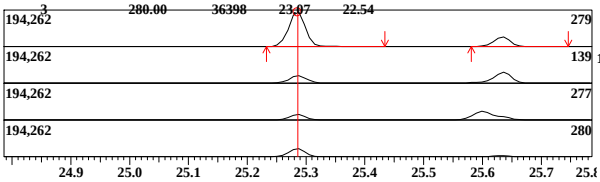
ID#:112 R.Time:24.334(Scan#:4311)
MassPeaks:110
RawMode:Averaged 24.325-24.343(4309-4313)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



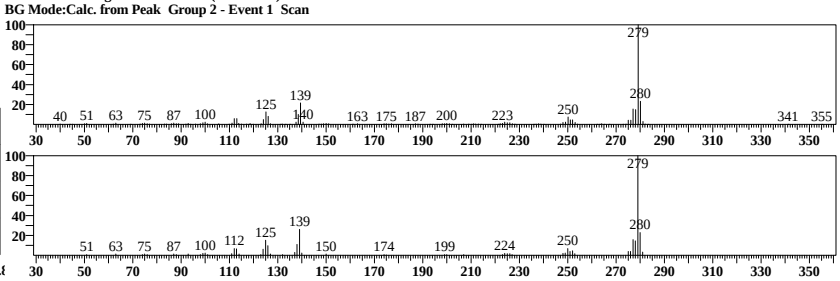
ID#:113 Name:Dibenz(a,j)Acridine Type:Target No Manual Integration

Mass:279.00 R.T:25.285 Area:377345 Conc:34.97846ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	139.00	34208	21.68	9.49
2	277.00	24280	15.39	15.01
3	280.00	36398	23.07	22.54



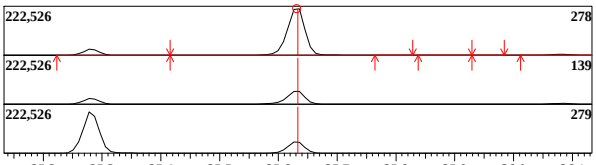
ID#:113 R.Time:25.288(Scan#:4519)
MassPeaks:118
RawMode:Averaged 25.278-25.297(4517-4521)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



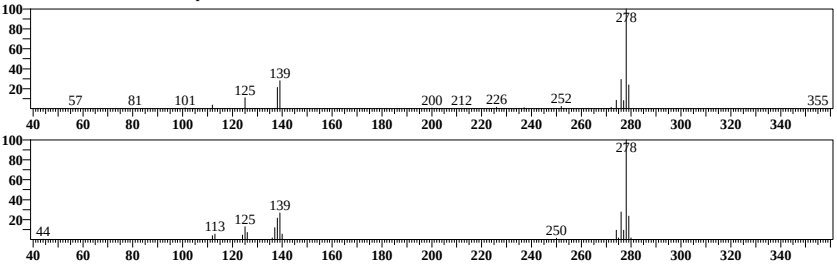
ID#:114 Name:Dibenzo[a,h]anthracene Type:Target No Manual Integration

Mass:278.00 R.T:25.631 Area:462226 Conc:35.76790ppm
Event:2:SIM SI:93

#	m/z	Area	Ratio	Reference
1	139.00	50326	28.02	7.75
2	279.00	42802	23.83	25.58



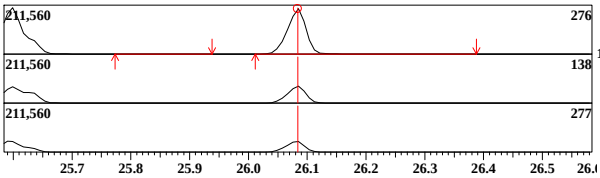
ID#:114 R.Time:25.636(Scan#:4596)
MassPeaks:30
RawMode:Averaged 25.627-25.645(4594-4598)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



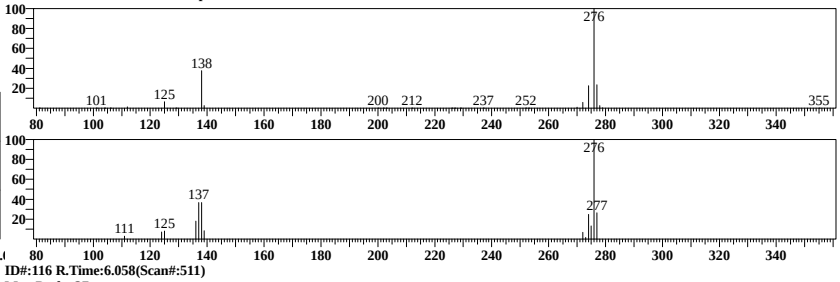
ID#:115 Name:Benzo[g,h,i]perylene Type:Target No Manual Integration

Mass:276.00 R.T:26.084 Area:435855 Conc:33.54368ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	138.00	62856	37.53	25.00
2	277.00	39049	23.32	21.09



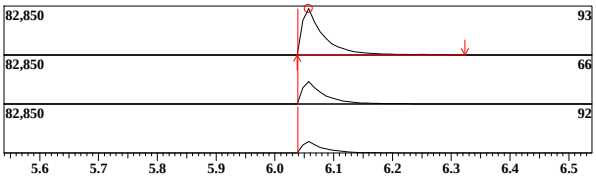
ID#:115 R.Time:26.085(Scan#:4694)
MassPeaks:27
RawMode:Averaged 26.076-26.094(4692-4696)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



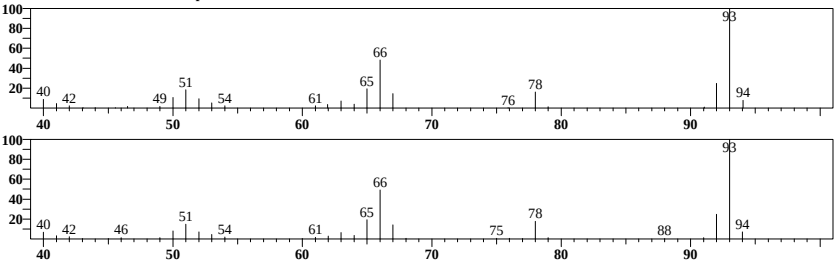
ID#:116 Name:2-Picoline (2-Methylpyridine) Type:Target No Manual Integration

Mass:93.00 R.T:6.057 Area:205836 Conc:28.51574ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	66.00	31242	48.29	58.29
2	92.00	16000	24.73	23.71



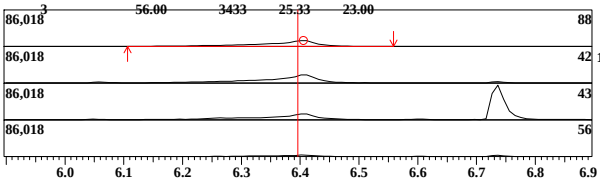
ID#:116 R.Time:6.058(Scan#:511)
MassPeaks:27
RawMode:Averaged 6.048-6.067(509-513)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



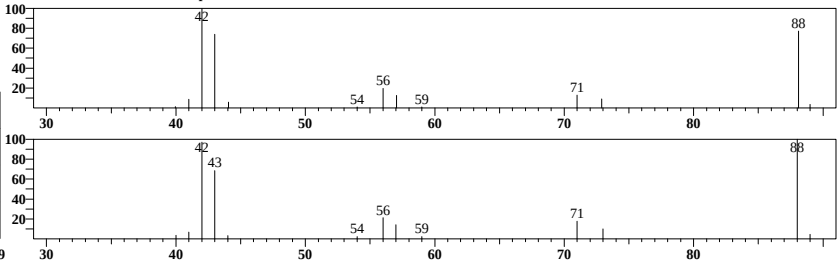
ID#:117 Name:N-Nitrosomethylethylamine Type:Target Manual Integration Perform
Manual Reason:

Mass:88.00 R.T:6.406 Area:93911 Conc:30.71292ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	42.00	17563	129.59	106.00
2	43.00	12971	95.71	74.00
3	56.00	3433	25.33	23.00



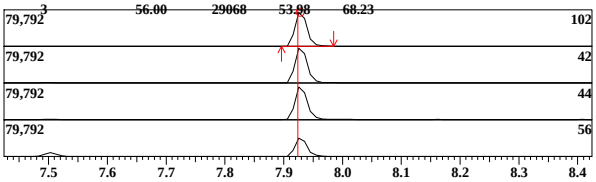
ID#:117 R.Time:6.402(Scan#:581)
MassPeaks:13
RawMode:Averaged 6.392-6.412(579-583)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



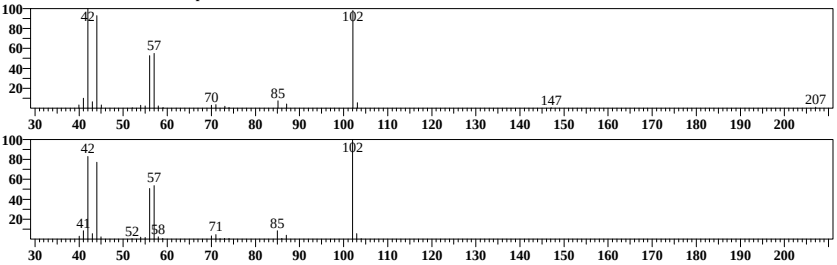
ID#:118 Name:N-Nitrosodiethylamine Type:Target No Manual Integration

Mass:102.00 R.T:7.928 Area:109123 Conc:33.11622ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	42.00	54976	102.10	98.99
2	44.00	51170	95.03	90.55
3	56.00	29068	53.88	68.23



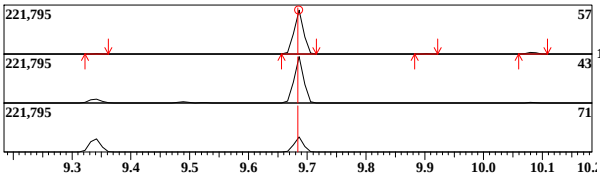
ID#:118 R.Time:7.926(Scan#:891)
MassPeaks:23
RawMode:Averaged 7.916-7.936(889-893)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



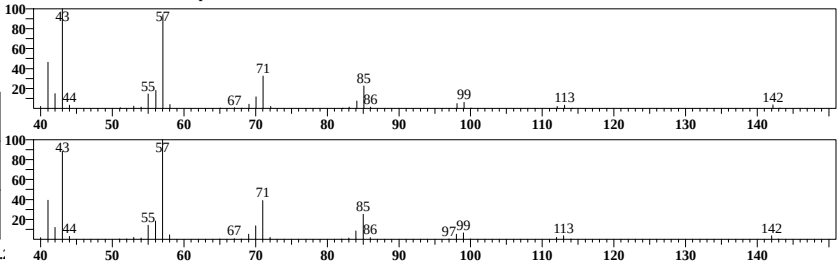
ID#:119 Name:n-Decane Type:Target No Manual Integration

Mass:57.00 R.T:9.685 Area:225071 Conc:26.07967ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	43.00	130009	105.99	115.00
2	71.00	42345	34.52	34.71



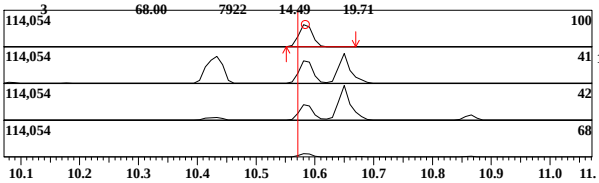
ID#:119 R.Time:9.686(Scan#:1249)
MassPeaks:32
RawMode:Averaged 9.676-9.696(1247-1251)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



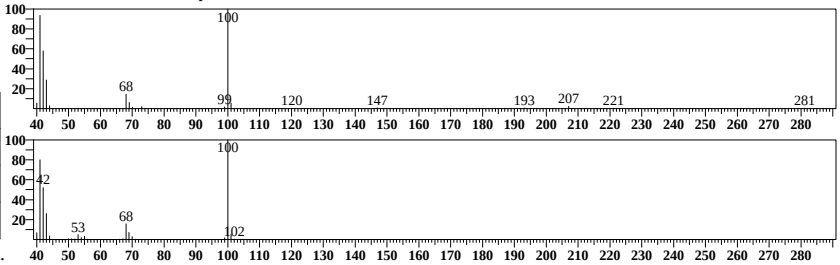
ID#:120 Name:N-Nitrosopyrrolidine Type:Target No Manual Integration

Mass:100.00 R.T:10.584 Area:115288 Conc:34.32725ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	41.00	51147	93.56	89.01
2	42.00	31602	57.81	58.45
3	68.00	7922	14.49	19.71



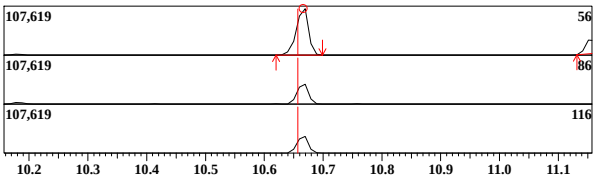
ID#:120 R.Time:10.581(Scan#:1431)
MassPeaks:19
RawMode:Averaged 10.571-10.591(1429-1433)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



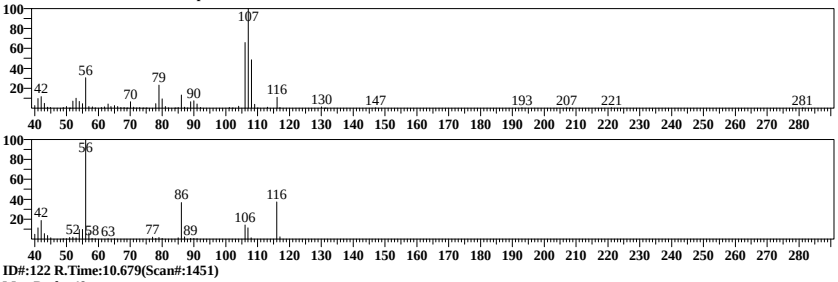
ID#:121 Name:N-Nitrosomorpholine Type:Target No Manual Integration

Mass:56.00 R.T:10.666 Area:151069 Conc:36.28256ppm
Event:1:Scan SI:67

#	m/z	Area	Ratio	Reference
1	86.00	30798	43.03	37.18
2	116.00	25632	35.81	29.47



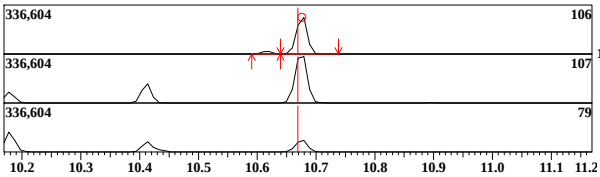
ID#:121 R.Time:10.669(Scan#:1449)
MassPeaks:65
RawMode:Averaged 10.660-10.679(1447-1451)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



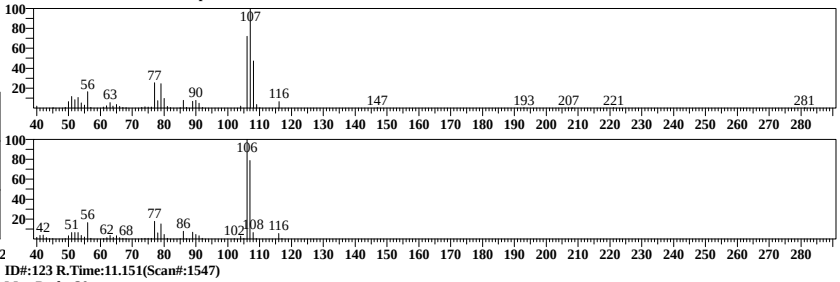
ID#:122 Name:o-Toluidine Type:Target No Manual Integration

Mass:106.00 R.T:10.676 Area:338335 Conc:31.38560ppm
Event:1:Scan SI:88

#	m/z	Area	Ratio	Reference
1	107.00	240587	* 139.06	80.49
2	79.00	58460	33.79	13.86



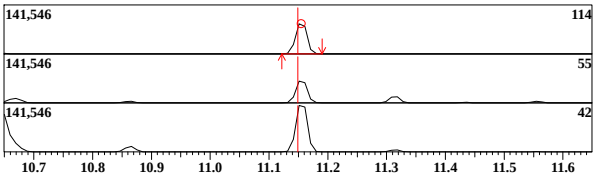
ID#:122 R.Time:10.679(Scan#:1451)
MassPeaks:49
RawMode:Averaged 10.669-10.689(1449-1453)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



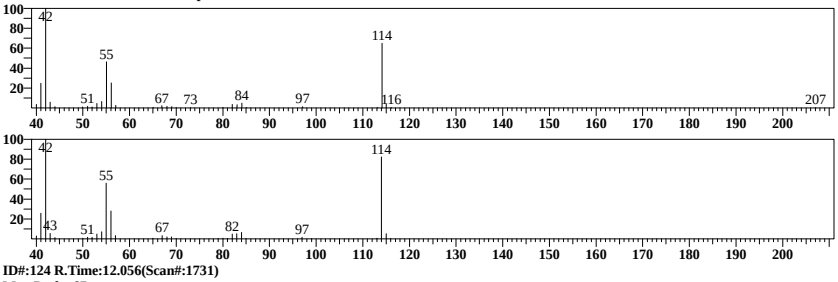
ID#:123 Name:N-Nitrosopiperidine Type:Target No Manual Integration

Mass:114.00 R.T:11.155 Area:125009 Conc:35.14521ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	55.00	46429	71.44	59.00
2	42.00	100159	154.11	151.82



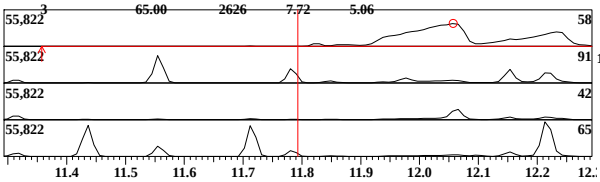
ID#:123 R.Time:11.151(Scan#:1547)
MassPeaks:30
RawMode:Averaged 11.141-11.161(1545-1549)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



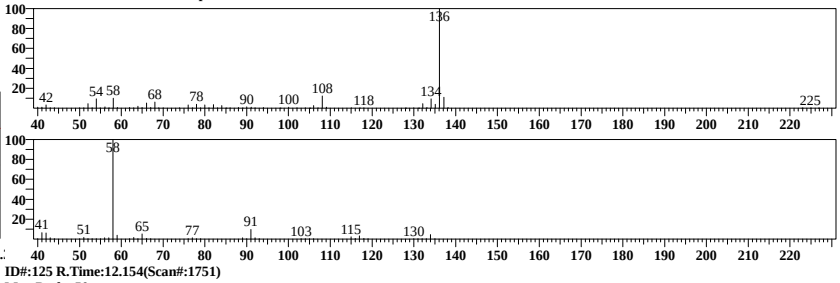
ID#:124 Name:a,a-Dimethylphenethylamine Type:Target Manual Integration Perform
Manual Reason: Peak not found. CMN 12/15/2022

Mass:58.00 R.T:12.058 Area:381562 Conc:22.30499ppm
Event:1:Scan SI:38

#	m/z	Area	Ratio	Reference
1	91.00	3801	11.18	7.28
2	42.00	11216	32.99	5.90
3	65.00	2626	7.72	5.06



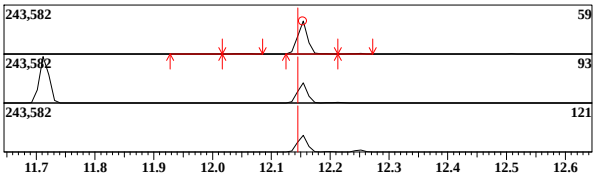
ID#:124 R.Time:12.056(Scan#:1731)
MassPeaks:67
RawMode:Averaged 12.046-12.066(1729-1733)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



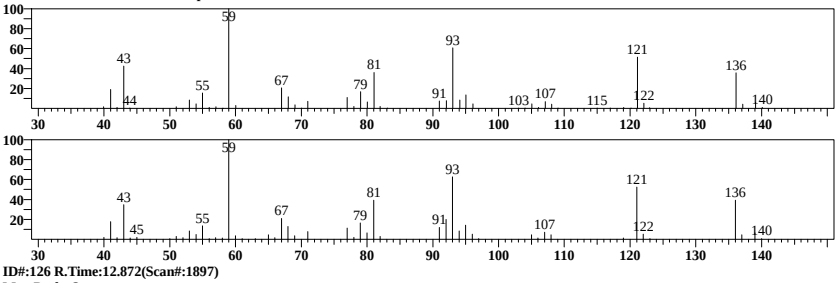
ID#:125 Name:Alpha-Terpineol Type:Target No Manual Integration

Mass:59.00 R.T:12.153 Area:197002 Conc:32.96441ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	93.00	62435	60.84	49.35
2	121.00	52773	51.42	34.59



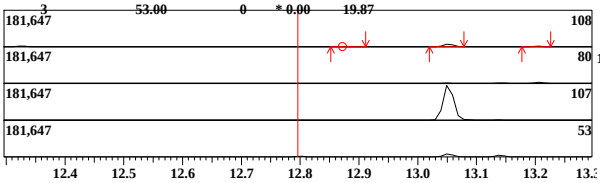
ID#:125 R.Time:12.154(Scan#:1751)
MassPeaks:50
RawMode:Averaged 12.144-12.164(1749-1753)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



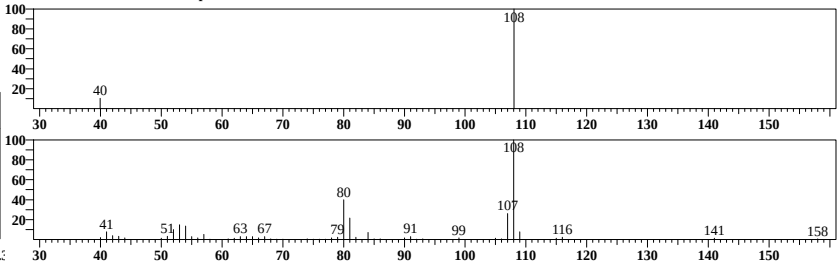
ID#:126 Name:p-Phenylenediamine Type:Target No Manual Integration

Mass:108.00 R.T:12.872 Area:2906 Conc:2.09077ppm
Event:1:Scan SI:49

#	m/z	Area	Ratio	Reference
1	80.00	0	* 0.00	40.53
2	107.00	0	* 0.00	26.48
3	53.00	0	* 0.00	19.87



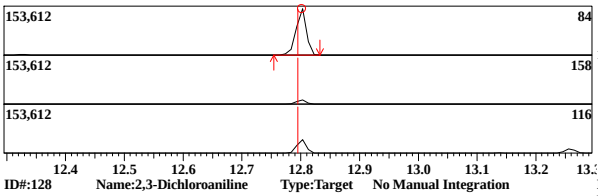
ID#:126 R.Time:12.872(Scan#:1897)
MassPeaks:2
RawMode:Averaged 12.862-12.882(1895-1899)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:127 Name:N-Nitrosodi-n-butylamine Type:Target No Manual Integration

Mass:84.00 R.T:12.802 Area:180330 Conc:37.24735ppm
Event:1:Scan SI:93

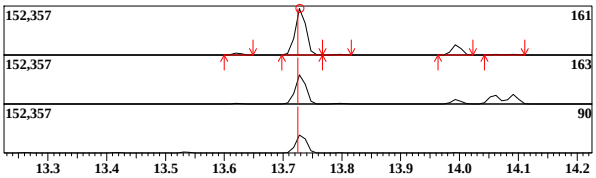
#	m/z	Area	Ratio	Reference
1	158.00	8558	9.20	7.76
2	116.00	26200	28.16	26.54



ID#:128 Name:2,3-Dichloroaniline Type:Target No Manual Integration

Mass:161.00 R.T:13.729 Area:186070 Conc:33.38057ppm
Event:1:Scan SI:79

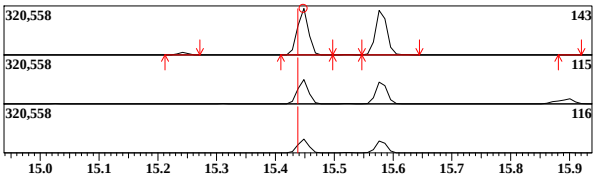
#	m/z	Area	Ratio	Reference
1	163.00	61847	62.82	65.37
2	90.00	39433	40.06	40.30



ID#:129 Name:1-Naphthylamine Type:Target No Manual Integration

Mass:143.00 R.T:15.447 Area:400121 Conc:33.25110ppm
Event:1:Scan SI:78

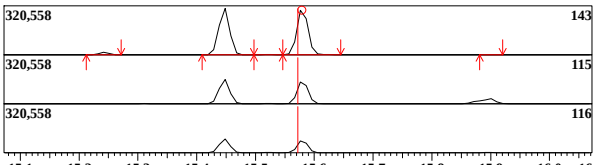
#	m/z	Area	Ratio	Reference
1	115.00	109387	52.51	52.19
2	116.00	62745	30.12	27.17



ID#:130 Name:2-Naphthylamine Type:Target No Manual Integration

Mass:143.00 R.T:15.579 Area:402079 Conc:28.98242ppm
Event:1:Scan SI:99

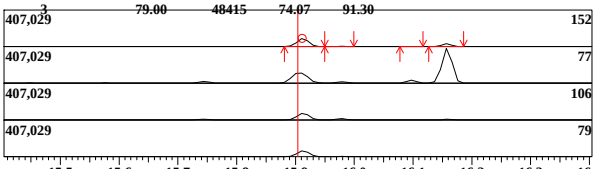
#	m/z	Area	Ratio	Reference
1	115.00	100762	49.28	53.22
2	116.00	55185	26.99	24.69



ID#:131 Name:5-Nitro-o-Toluidine Type:Target No Manual Integration

Mass:152.00 R.T:15.912 Area:130081 Conc:39.63315ppm
Event:1:Scan SI:72

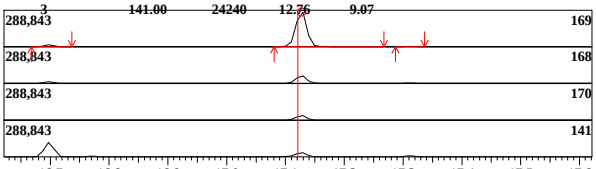
#	m/z	Area	Ratio	Reference
1	77.00	93505	* 143.05	101.00
2	106.00	54269	83.02	102.30
3	79.00	48415	74.07	91.30



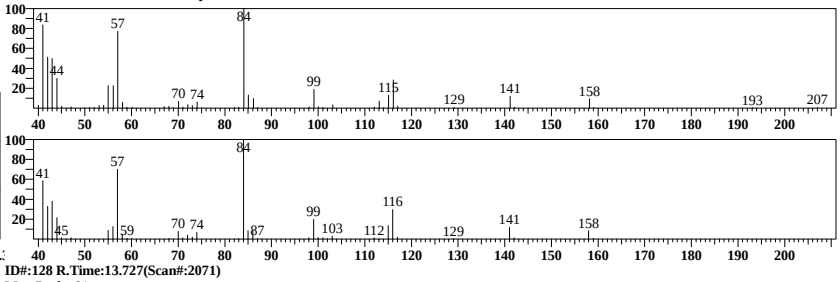
ID#:132 Name:4-Aminobiphenyl Type:Target No Manual Integration

Mass:169.00 R.T:17.128 Area:378855 Conc:29.38566ppm
Event:1:Scan SI:72

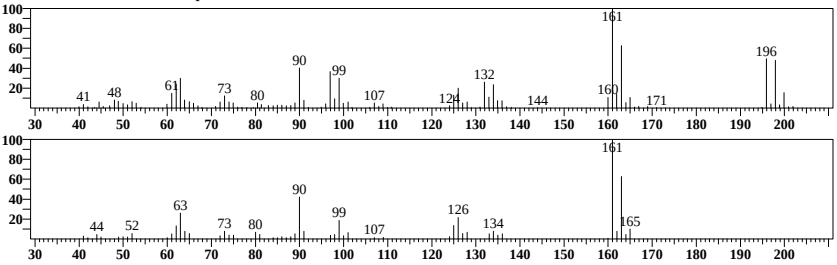
#	m/z	Area	Ratio	Reference
1	168.00	40468	21.30	21.00
2	170.00	24816	13.06	13.72
3	141.00	24240	12.76	9.07



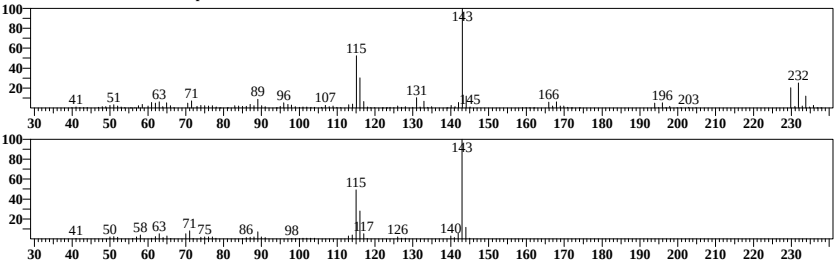
ID#:127 R.Time:12.803(Scan#:1883)
MassPeaks:51
RawMode:Averaged 12.793-12.813(1881-1885)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



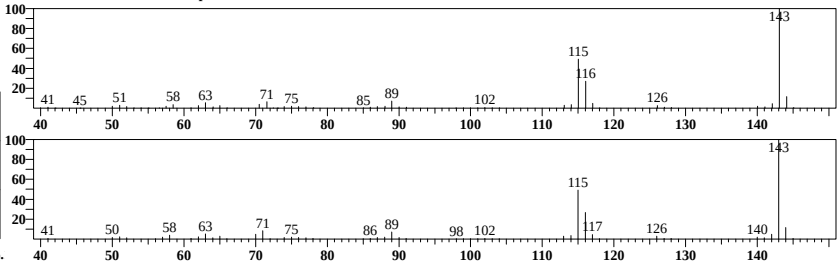
ID#:128 R.Time:13.727(Scan#:2071)
MassPeaks:91
RawMode:Averaged 13.718-13.737(2069-2073)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



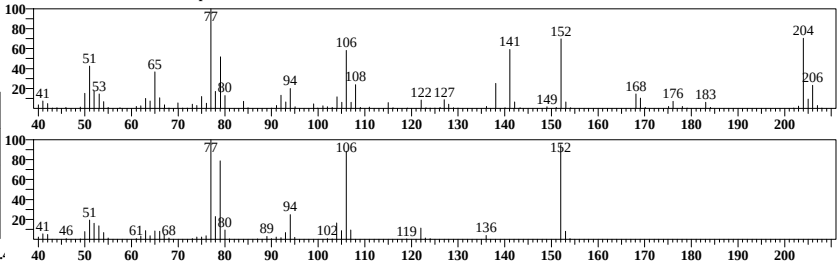
ID#:129 R.Time:15.448(Scan#:2421)
MassPeaks:119
RawMode:Averaged 15.438-15.458(2419-2423)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



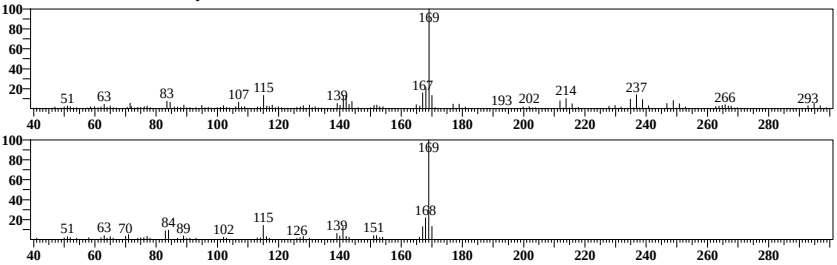
ID#:130 R.Time:15.576(Scan#:2447)
MassPeaks:57
RawMode:Averaged 15.566-15.586(2445-2449)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:131 R.Time:15.911(Scan#:2515)
MassPeaks:92
RawMode:Averaged 15.901-15.920(2513-2517)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



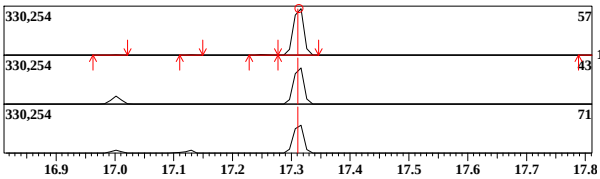
ID#:132 R.Time:17.130(Scan#:2763)
MassPeaks:171
RawMode:Averaged 17.120-17.140(2761-2765)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:133 Name:n-Octadecane Type:Target No Manual Integration

Mass:57.00 R.T:17.313 Area:396289 Conc:32.67948ppm
Event:1:Scan SI:97

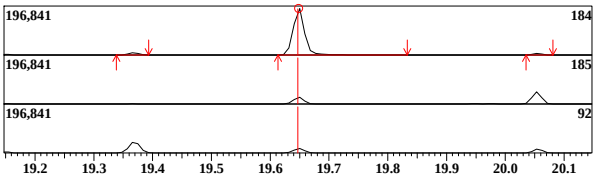
#	m/z	Area	Ratio	Reference
1	43.00	162971	77.82	56.74
2	71.00	126486	60.40	60.93



ID#:134 Name:Benzidine Type:Target No Manual Integration

Mass:184.00 R.T:19.649 Area:262659 Conc:22.11869ppm
Event:1:Scan SI:97

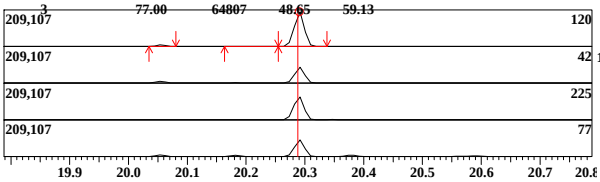
#	m/z	Area	Ratio	Reference
1	185.00	19516	14.66	16.81
2	92.00	13534	10.16	13.33



ID#:135 Name:4-Dimethyl aminoazobenzene Type:Target No Manual Integration

Mass:120.00 R.T:20.291 Area:239798 Conc:37.08501ppm
Event:1:Scan SI:97

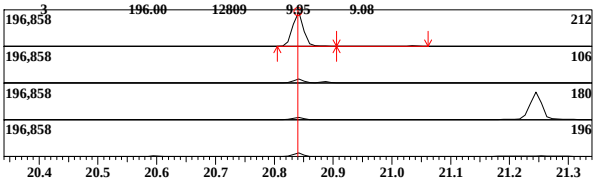
#	m/z	Area	Ratio	Reference
1	42.00	60652	45.53	45.74
2	225.00	90625	68.04	69.96
3	77.00	64807	48.65	59.13



ID#:136 Name:3,3'-Dimethylbenzidine Type:Target No Manual Integration

Mass:212.00 R.T:20.841 Area:241696 Conc:17.05848ppm
Event:1:Scan SI:96

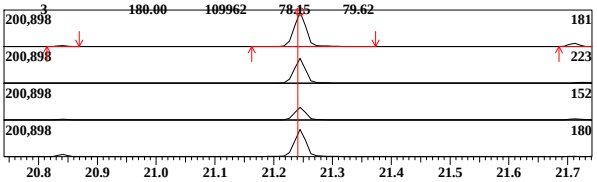
#	m/z	Area	Ratio	Reference
1	106.00	14038	10.90	14.74
2	180.00	9222	7.16	7.46
3	196.00	12809	9.95	9.08



ID#:137 Name:2-Acetylaminofluorene Type:Target No Manual Integration

Mass:181.00 R.T:21.245 Area:280574 Conc:39.45340ppm
Event:1:Scan SI:97

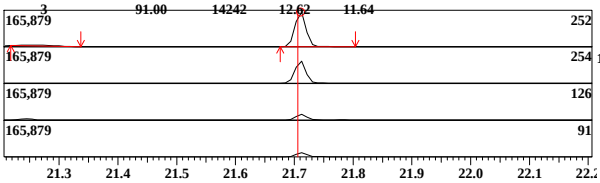
#	m/z	Area	Ratio	Reference
1	223.00	98648	70.11	67.03
2	152.00	50672	36.01	31.35
3	180.00	109962	78.15	79.62



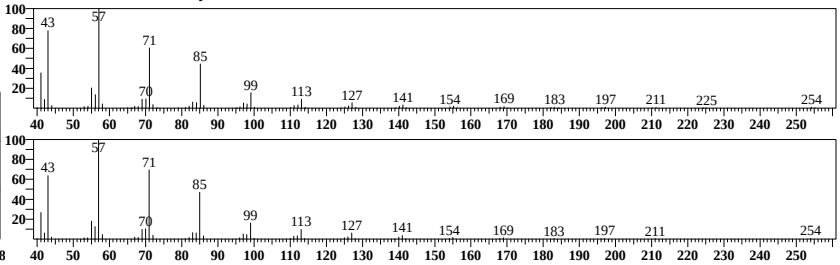
ID#:138 Name:3,3`-Dichlorobenzidine Type:Target No Manual Integration

Mass:252.00 R.T:21.711 Area:213108 Conc:31.98045ppm
Event:1:Scan SI:62

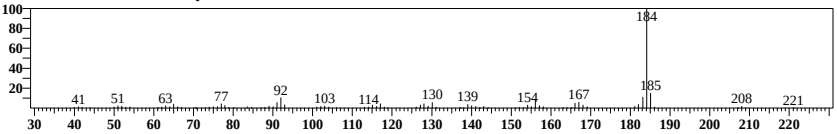
#	m/z	Area	Ratio	Reference
1	254.00	71772	63.58	65.16
2	126.00	19050	16.88	14.83
3	91.00	14242	12.62	11.64

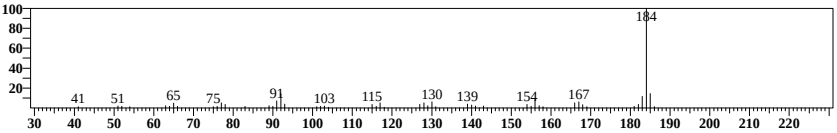


ID#:133 R.Time:17.317(Scan#:2801)
MassPeaks:64
RawMode:Averaged 17.307-17.326(2799-2803)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

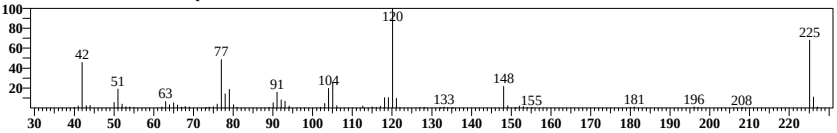


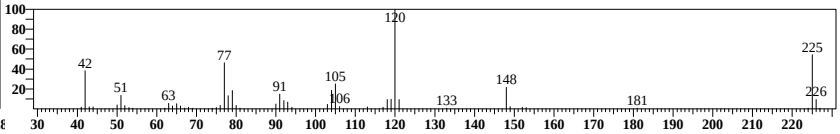
ID#:134 R.Time:19.650(Scan#:3289)
MassPeaks:86
RawMode:Averaged 19.641-19.659(3287-3291)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



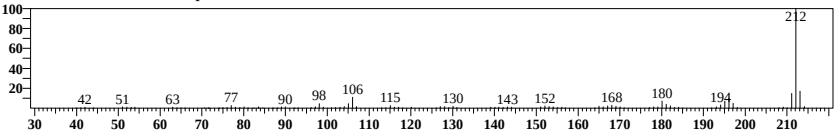


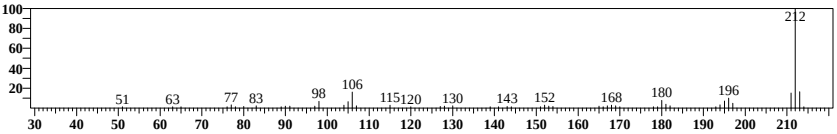
ID#:135 R.Time:20.292(Scan#:3429)
MassPeaks:69
RawMode:Averaged 20.282-20.301(3427-3431)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



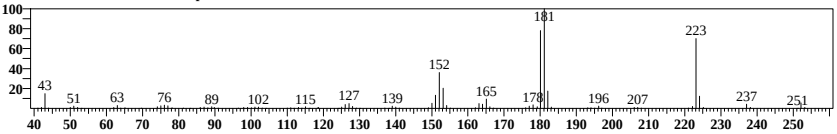


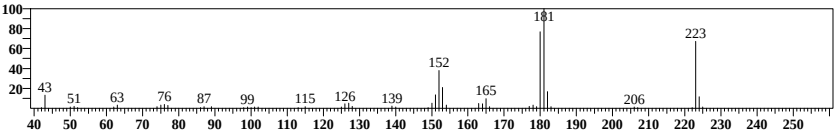
ID#:136 R.Time:20.842(Scan#:3549)
MassPeaks:101
RawMode:Averaged 20.833-20.851(3547-3551)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



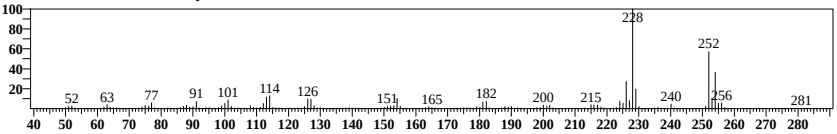


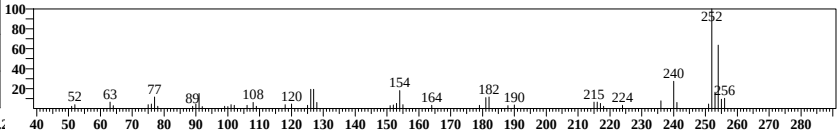
ID#:137 R.Time:21.245(Scan#:3637)
MassPeaks:94
RawMode:Averaged 21.236-21.254(3635-3639)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan





ID#:138 R.Time:21.712(Scan#:3739)
MassPeaks:170
RawMode:Averaged 21.703-21.722(3737-3741)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan

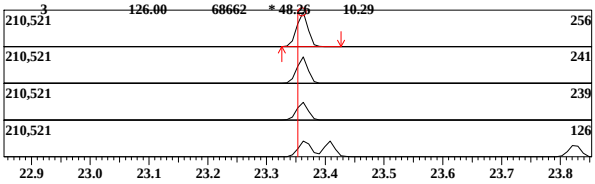




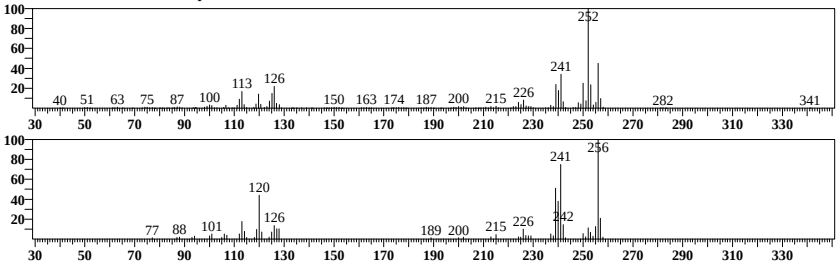
ID#:139 Name:7,12-Dimethylbenz[a]anthracene Type:Target No Manual Integratic

Mass:256.00 R.T:23.361 Area:265647 Conc:32.65689ppm
Event:1:Scan SI:76

#	m/z	Area	Ratio	Reference
1	241.00	107469	75.53	62.70
2	239.00	75000	52.71	44.31
3	126.00	68662	* 48.26	10.29



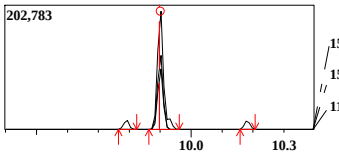
ID#:139 R.Time:23.363(Scan#:4099)
MassPeaks:142
RawMode:Averaged 23.353-23.372(4097-4101)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



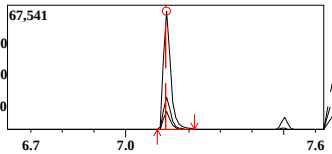
Before Manual Integrations

Analyst: CMN **Instr: J7H** **Trace Number:**
Method: 8270D **Batch:2625**
Sample ID: 4560642LCS **Data File: C:\GCMSsolution\Data\221214H014.qgd**
Date: 12/14/2022 **Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm**
Time: 16:42:28 **Sample Name: 4560642LCS**
Dilution: 1

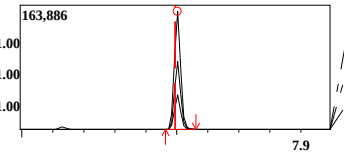
ID#:1 **Name:1,4-Dichlorobenzene-d4 (IS)**
Mass:150.00 **Type:ISTD**
R.T:9.901 **Area:270111** **Conc:40.00000ppm**



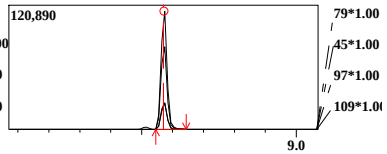
ID#:4 **Name:Methyl methanesulfonate**
Mass:80.00 **Type:Target**
R.T:7.129 **Area:102278** **Conc:28.39693ppm**



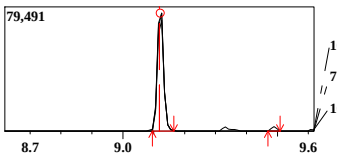
ID#:5 **Name:2-Fluorophenol**
Mass:112.00 **Type:Surrogate/SMC**
R.T:7.502 **Area:222321** **Conc:34.68528ppm**



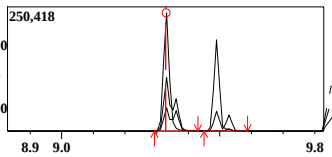
ID#:6 **Name:Ethyl methanesulfonate**
Mass:79.00 **Type:Target**
R.T:8.572 **Area:157096** **Conc:32.29049ppm**



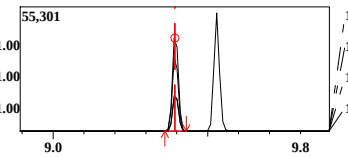
ID#:7 **Name:Benzaldehyde**
Mass:106.00 **Type:Target**
R.T:9.121 **Area:112435** **Conc:20.84799ppm**



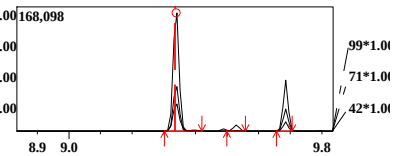
ID#:8 **Name:Aniline**
Mass:93.00 **Type:Target**
R.T:9.331 **Area:318466** **Conc:31.31602ppm**



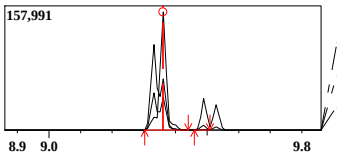
ID#:9 **Name:Pentachloroethane**
Mass:167.00 **Type:Target**
R.T:9.395 **Area:58921** **Conc:29.64392ppm**



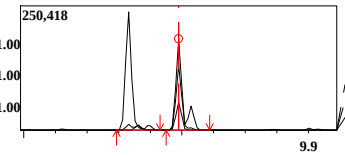
ID#:10 **Name:Phenol-d6**
Mass:99.00 **Type:Surrogate/SMC**
R.T:9.339 **Area:222184** **Conc:28.91921ppm**



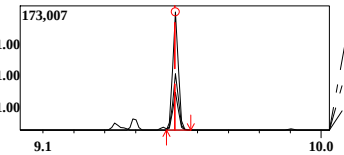
ID#:11 **Name:Phenol**
Mass:94.00 **Type:Target**
R.T:9.361 **Area:221623** **Conc:23.23923ppm**



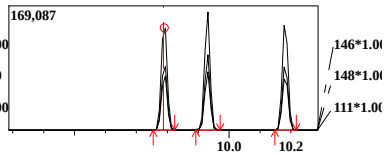
ID#:12 **Name:bis(2-Chloroethyl)Ether**
Mass:93.00 **Type:Target**
R.T:9.489 **Area:227926** **Conc:32.00592ppm**



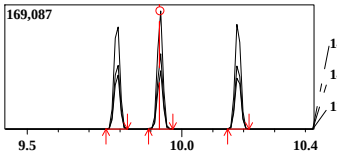
ID#:13 **Name:2-Chlorophenol**
Mass:128.00 **Type:Target**
R.T:9.529 **Area:211137** **Conc:31.25779ppm**



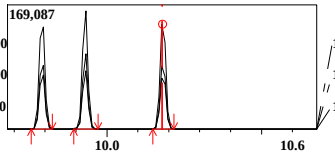
ID#:14 **Name:1,3-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.790 **Area:197797** **Conc:28.60835ppm**



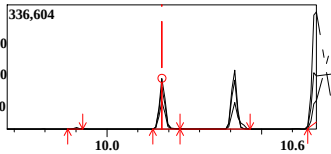
ID#:15 **Name:1,4-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.930 **Area:203620** **Conc:28.79630ppm**



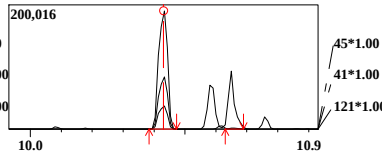
ID#:16 **Name:1,2-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:10.181 **Area:196885** **Conc:28.90613ppm**



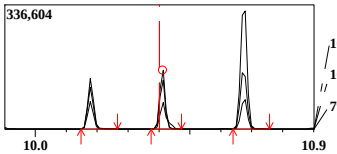
ID#:17 **Name:Benzyl Alcohol**
Mass:79.00 **Type:Target**
R.T:10.179 **Area:179518** **Conc:30.24779ppm**



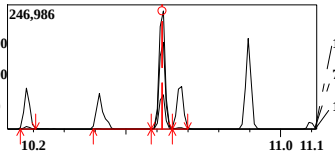
ID#:18 **Name:bis(2-Chloroisopropyl) Ether**
Mass:45.00 **Type:Target**
R.T:10.431 **Area:382990** **Conc:31.06274ppm**



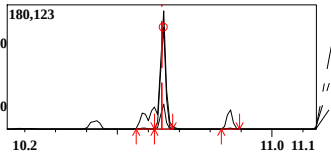
ID#:19 **Name:2-Methylphenol (o-Cresol)**
Mass:108.00 **Type:Target**
R.T:10.412 **Area:202362** **Conc:30.06235ppm**



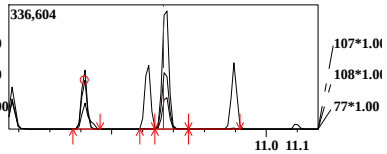
ID#:20 **Name:Acetophenone**
Mass:105.00 **Type:Target**
R.T:10.617 **Area:325149** **Conc:32.84538ppm**



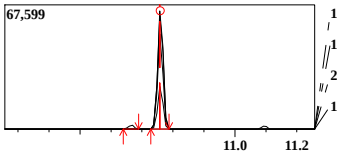
ID#:21 **Name:N-Nitrosodi-n-propylamine**
Mass:70.00 **Type:Target**
R.T:10.649 **Area:168297** **Conc:33.07114ppm**



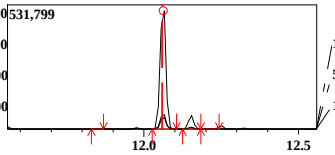
ID#:22 **Name:3+4-Methylphenol(m&p-Cresol)**
Mass:107.00 **Type:Target**
R.T:10.412 **Area:166852** **Conc:23.10141ppm**



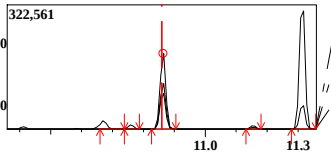
ID#:23 **Name:Hexachloroethane**
Mass:117.00 **Type:Target**
R.T:10.759 **Area:83205** **Conc:27.90579ppm**



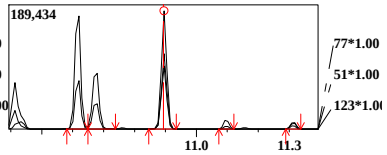
ID#:24 **Name:Naphthalene-d8 (IS)**
Mass:136.00 **Type:ISTD**
R.T:12.062 **Area:690171** **Conc:40.00000ppm**



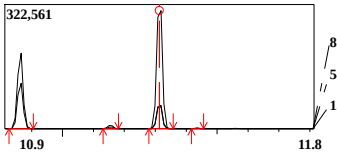
ID#:25 **Name:Nitrobenzene-d5**
Mass:82.00 **Type:Surrogate/SMC**
R.T:10.864 **Area:257560** **Conc:40.09901ppm**



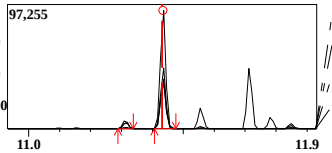
ID#:26 **Name:Nitrobenzene**
Mass:77.00 **Type:Target**
R.T:10.896 **Area:221856** **Conc:32.85232ppm**



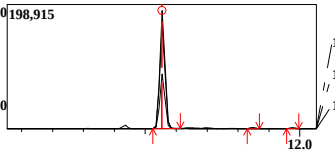
ID#:27 **Name:Isophorone**
Mass:82.00 **Type:Target**
R.T:11.314 **Area:429210** **Conc:32.27068ppm**



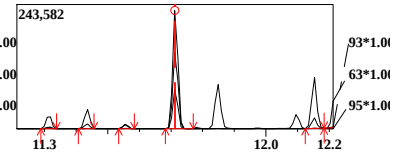
ID#:28 **Name:2-Nitrophenol**
Mass:139.00 **Type:Target**
R.T:11.435 **Area:113785** **Conc:34.37233ppm**



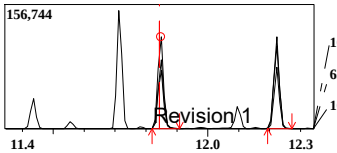
ID#:29 **Name:2,4-Dimethylphenol**
Mass:107.00 **Type:Target**
R.T:11.555 **Area:224887** **Conc:31.12279ppm**



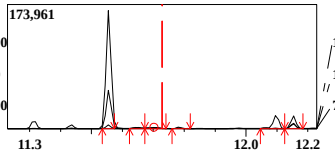
ID#:30 **Name:Bis(2-Chloroethoxy)methane**
Mass:93.00 **Type:Target**
R.T:11.713 **Area:270017** **Conc:31.99375ppm**



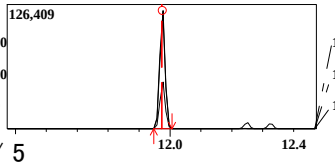
ID#:31 **Name:2,4-Dichlorophenol**
Mass:162.00 **Type:Target**
R.T:11.848 **Area:150692** **Conc:33.33833ppm**



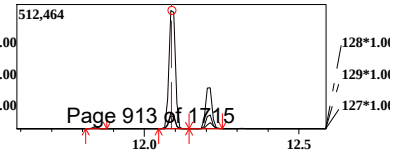
ID#:32 **Name:Benzoic Acid**
Mass:105.00 **Type:Target**
R.T:11.703 **Area:4402** **Conc:5.57538ppm**



ID#:33 **Name:1,2,4-Trichlorobenzene**
Mass:180.00 **Type:Target**
R.T:11.976 **Area:149816** **Conc:31.31283ppm**

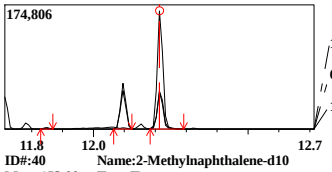


ID#:34 **Name:Naphthalene**
Mass:128.00 **Type:Target**
R.T:12.090 **Area:714360** **Conc:30.24473ppm**



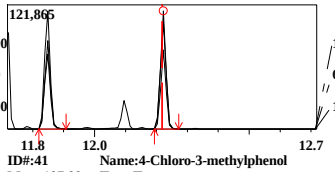
ID#:35 Name:4-Chloroaniline
Mass:127.00 Type:Target

R.T:12.215 Area:213752 Conc:25.75827ppm



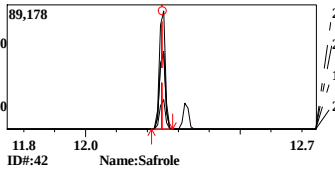
ID#:36 Name:2,6-Dichlorophenol
Mass:162.00 Type:Target

R.T:12.222 Area:143092 Conc:32.19058ppm



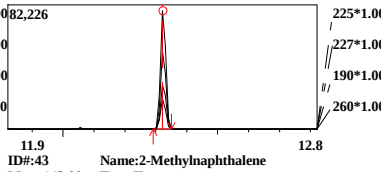
ID#:37 Name:Hexachloropropene
Mass:213.00 Type:Target

R.T:12.249 Area:114105 Conc:32.57926ppm



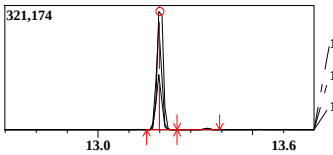
ID#:38 Name:Hexachlorobutadiene
Mass:225.00 Type:Target

R.T:12.323 Area:96796 Conc:29.46188ppm



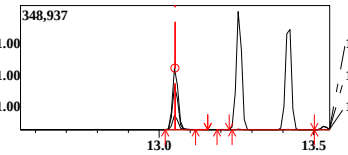
ID#:40 Name:2-Methylnaphthalene-d10
Mass:152.00 Type:Target

R.T:13.201 Area:439588 Conc:40.06318ppm



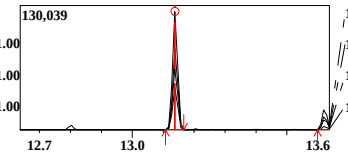
ID#:41 Name:4-Chloro-3-methylphenol
Mass:107.00 Type:Target

R.T:13.051 Area:227238 Conc:34.45817ppm



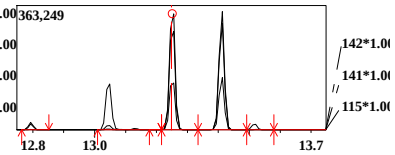
ID#:42 Name:Safrole
Mass:162.00 Type:Target

R.T:13.138 Area:145796 Conc:33.04041ppm



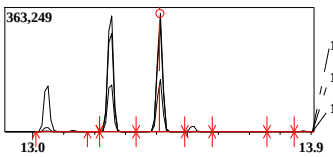
ID#:43 Name:2-Methylnaphthalene
Mass:142.00 Type:Target

R.T:13.252 Area:457404 Conc:30.38971ppm



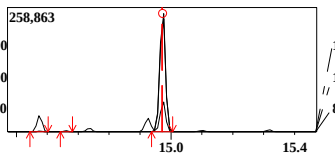
ID#:44 Name:1-Methylnaphthalene
Mass:142.00 Type:Target

R.T:13.411 Area:430975 Conc:30.18756ppm



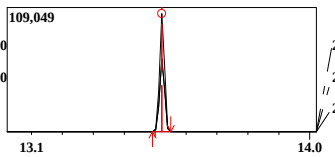
ID#:45 Name:Acenaphthene-d10 (IS)
Mass:164.00 Type:ISTD

R.T:14.974 Area:327160 Conc:40.00000ppm



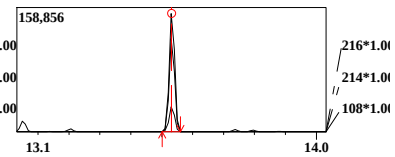
ID#:46 Name:Hexachlorocyclopentadiene
Mass:237.00 Type:Target

R.T:13.522 Area:119991 Conc:34.08002ppm



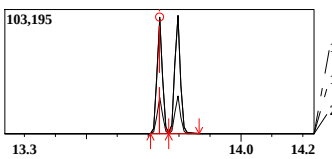
ID#:47 Name:1,2,4,5-Tetrachlorobenzene
Mass:216.00 Type:Target

R.T:13.533 Area:192881 Conc:33.11016ppm



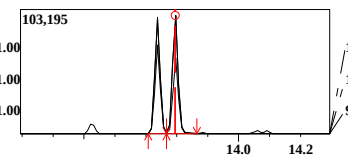
ID#:48 Name:2,4,6-Trichlorophenol
Mass:196.00 Type:Target

R.T:13.737 Area:118151 Conc:34.29877ppm



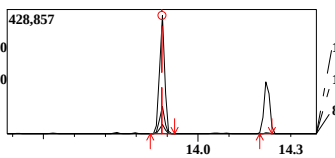
ID#:49 Name:2,4,5-Trichlorophenol
Mass:196.00 Type:Target

R.T:13.795 Area:125755 Conc:33.49922ppm



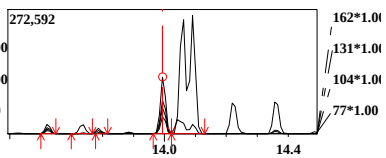
ID#:50 Name:2-Fluorobiphenyl
Mass:172.00 Type:Surrogate/SMC

R.T:13.884 Area:477364 Conc:40.23981ppm



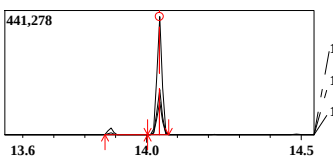
ID#:51 Name:Isosafrole
Mass:162.00 Type:Target

R.T:13.994 Area:153546 Conc:32.96932ppm



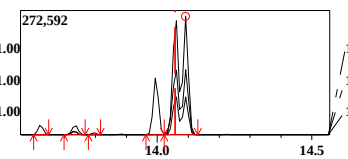
ID#:52 Name:1,1'-Biphenyl
Mass:154.00 Type:Target

R.T:14.042 Area:481446 Conc:32.61625ppm



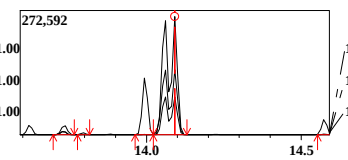
ID#:53 Name:2-Chloronaphthalene
Mass:162.00 Type:Target

R.T:14.091 Area:649477 Conc:56.71616ppm



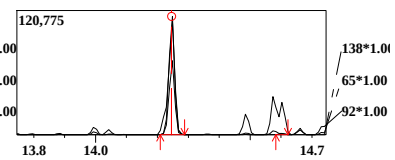
ID#:54 Name:1-Chloronaphthalene
Mass:162.00 Type:Target

R.T:14.091 Area:649477 Conc:72.45696ppm



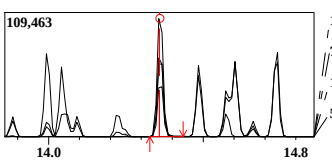
ID#:55 Name:2-Nitroaniline
Mass:138.00 Type:Target

R.T:14.247 Area:148024 Conc:35.91065ppm



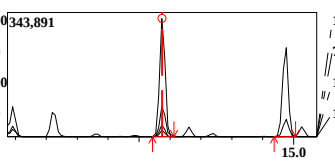
ID#:56 Name:1,4-Naphthoquinone
Mass:158.00 Type:Target

R.T:14.360 Area:149165 Conc:32.74338ppm



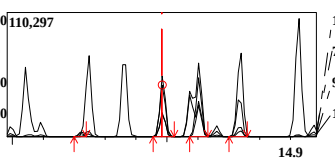
ID#:57 Name:Dimethyl phthalate
Mass:163.00 Type:Target

R.T:14.575 Area:412770 Conc:34.61262ppm



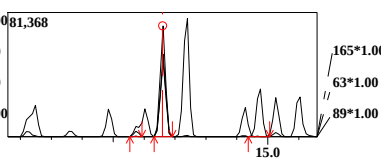
ID#:58 Name:1,3-Dinitrobenzene
Mass:168.00 Type:Target

R.T:14.486 Area:59974 Conc:34.07830ppm



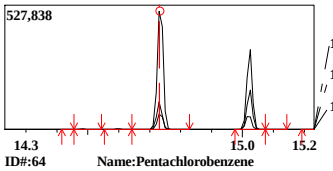
ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT)
Mass:165.00 Type:Target

R.T:14.661 Area:89418 Conc:34.97036ppm



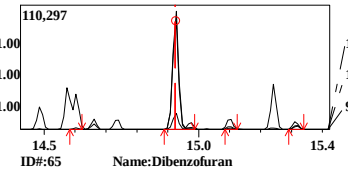
ID#:60 Name:Acenaphthylene
Mass:152.00 Type:Target

R.T:14.734 Area:705465 Conc:35.26087ppm



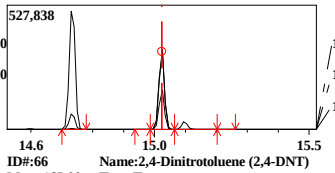
ID#:61 Name:3-Nitroaniline
Mass:138.00 Type:Target

R.T:14.925 Area:129915 Conc:37.86651ppm



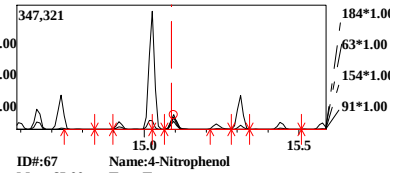
ID#:62 Name:Acenaphthene
Mass:154.00 Type:Target

R.T:15.024 Area:410875 Conc:30.94762ppm



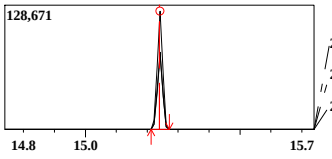
ID#:63 Name:2,4-Dinitrophenol
Mass:184.00 Type:Target

R.T:15.094 Area:57395 Conc:38.83386ppm



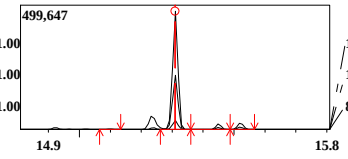
ID#:64 Name:Pentachlorobenzene
Mass:250.00 Type:Target

R.T:15.241 Area:152601 Conc:33.88953ppm



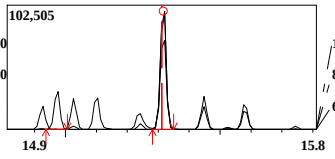
ID#:65 Name:Dibenzofuran
Mass:168.00 Type:Target

R.T:15.310 Area:581718 Conc:32.70869ppm



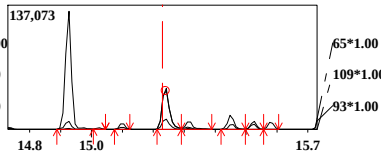
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT)
Mass:165.00 Type:Target

R.T:15.317 Area:134156 Conc:36.36658ppm



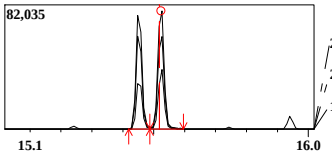
ID#:67 Name:4-Nitrophenol
Mass:65.00 Type:Target

R.T:15.239 Area:75360 Conc:29.55232ppm



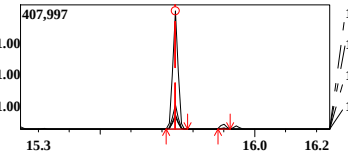
ID#:68 Name:2,3,4,6-Tetrachlorophenol
Mass:232.00 Type:Target

R.T:15.524 Area:114284 Conc:36.00343ppm



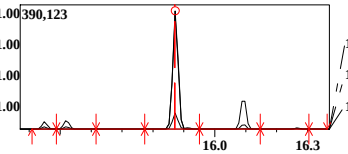
ID#:69 Name:Diethyl phthalate
Mass:149.00 Type:Target

R.T:15.743 Area:466663 Conc:35.92478ppm



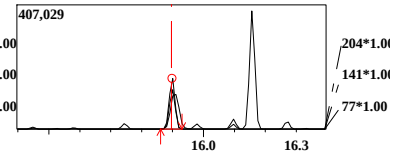
ID#:70 Name:Fluorene
Mass:166.00 Type:Target

R.T:15.872 Area:468970 Conc:32.48427ppm



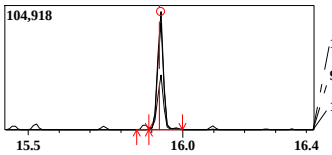
ID#:71 Name:4-Chlorophenyl phenyl ether
Mass:204.00 Type:Target

R.T:15.899 Area:220835 Conc:34.36089ppm



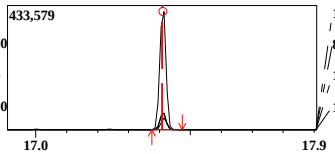
ID#:72 Name:4-Nitroaniline
Mass:138.00 Type:Target

R.T:15.929 Area:133924 Conc:41.93775ppm



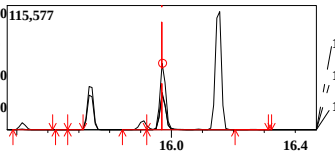
ID#:73 Name:Phenanthrene-d10 (IS)
Mass:188.00 Type:ISTD

R.T:17.412 Area:599935 Conc:40.00000ppm



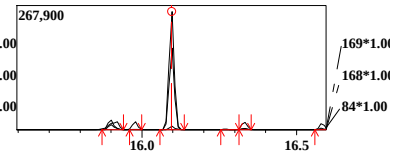
ID#:74 Name:4,6-Dinitro-2-methylphenol
Mass:198.00 Type:Target

R.T:15.971 Area:83108 Conc:41.65668ppm



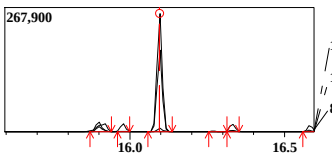
ID#:75 Name:N-Nitrosodiphenylamine
Mass:169.00 Type:Target

R.T:16.096 Area:305692 Conc:29.45255ppm



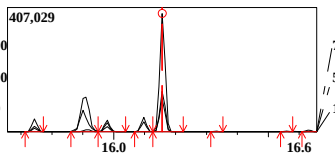
ID#:76 Name:Diphenylamine
Mass:169.00 Type:Target

R.T:16.096 Area:305692 Conc:29.45255ppm



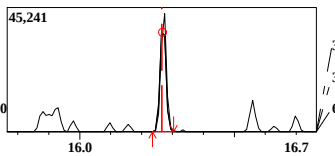
ID#:77 Name:1,2-Diphenylhydrazine
Mass:77.00 Type:Target

R.T:16.157 Area:481191 Conc:34.62574ppm



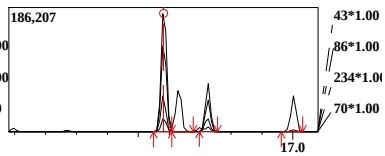
ID#:78 Name:2,4,6-Tribromophenol
Mass:330.00 Type:Surrogate/SMC

R.T:16.269 Area:54285 Conc:40.25807ppm



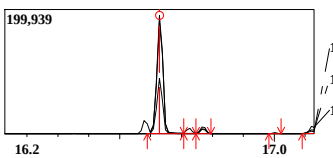
ID#:79 Name:(cis/trans)-Diallate
Mass:43.00 Type:Target

R.T:16.582 Area:236212 Conc:36.02525ppm



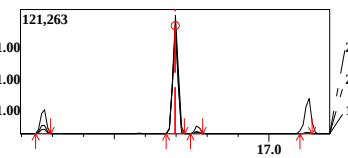
ID#:80 Name:Phenacetin
Mass:108.00 Type:Target

R.T:16.630 Area:261106 Conc:38.32889ppm



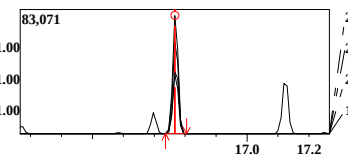
ID#:81 Name:4-Bromophenyl phenyl ether
Mass:250.00 Type:Target

R.T:16.697 Area:121943 Conc:35.39958ppm



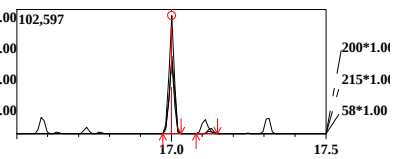
ID#:82 Name:Hexachlorobenzene
Mass:284.00 Type:Target

R.T:16.768 Area:102782 Conc:32.73387ppm



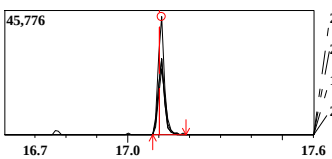
ID#:83 Name:Atrazine
Mass:200.00 Type:Target

R.T:17.001 Area:115521 Conc:33.28027ppm



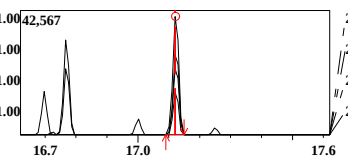
ID#:84 Name:Pentachlorophenol
Mass:266.00 Type:Target

R.T:17.108 Area:61515 Conc:36.68115ppm



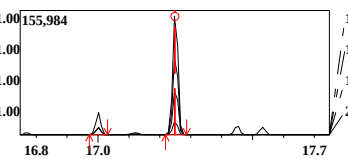
ID#:85 Name:Pentachloronitrobenzene
Mass:237.00 Type:Target

R.T:17.122 Area:57111 Conc:34.83729ppm



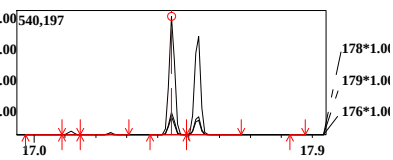
ID#:86 Name:Pronamide (Kerb)
Mass:173.00 Type:Target

R.T:17.250 Area:188243 Conc:37.08000ppm



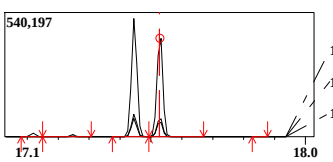
ID#:87 Name:Phenanthrene
Mass:178.00 Type:Target

R.T:17.445 Area:659649 Conc:33.13662ppm



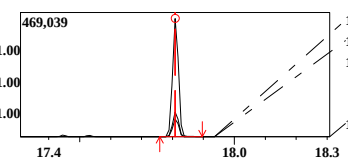
ID#:88 Name:Anthracene
Mass:178.00 Type:Target

R.T:17.530 Area:592730 Conc:28.51917ppm



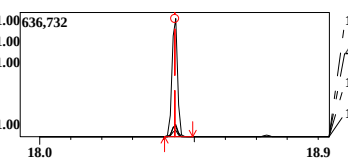
ID#:89 Name:Carbazole
Mass:167.00 Type:Target

R.T:17.810 Area:602660 Conc:32.58009ppm



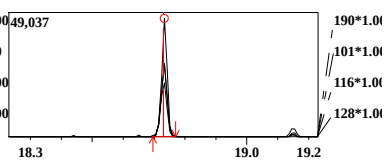
ID#:90 Name:Di-n-butyl phthalate
Mass:149.00 Type:Target

R.T:18.437 Area:779535 Conc:35.73453ppm



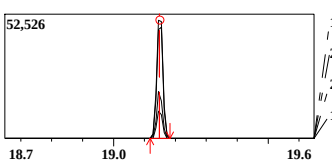
ID#:91 Name:4-Nitroquinoline-N-Oxide
Mass:190.00 Type:Target

R.T:18.733 Area:58483 Conc:39.97738ppm



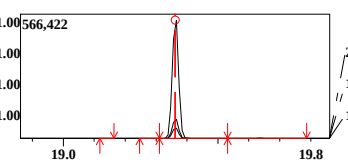
ID#:92 Name:Isodrin
Mass:193.00 Type:Target

R.T:19.150 Area:74524 Conc:37.74794ppm



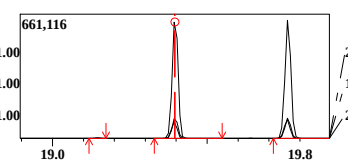
ID#:93 Name:Fluoranthene-d10
Mass:212.00 Type:Target

R.T:19.363 Area:785686 Conc:42.22792ppm



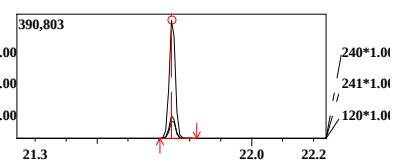
ID#:94 Name:Fluoranthene
Mass:202.00 Type:Target

R.T:19.396 Area:850927 Conc:34.74094ppm



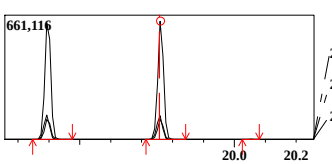
ID#:95 Name:Chrysene-d12 (IS)
Mass:240.00 Type:ISTD

R.T:21.743 Area:535654 Conc:40.00000ppm



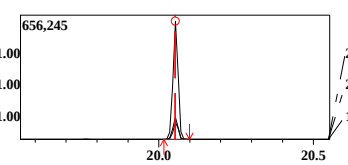
ID#:96 Name:Pyrene
Mass:202.00 Type:Target

R.T:19.761 Area:843426 Conc:33.52311ppm



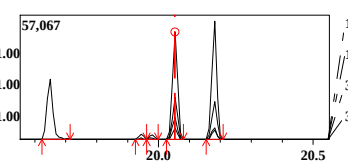
ID#:97 Name:p-Terphenyl-d14
Mass:244.00 Type:Surrogate/SMC

R.T:20.054 Area:726191 Conc:45.55199ppm



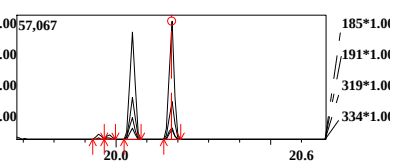
ID#:98 Name:Aramite A
Mass:185.00 Type:Target

R.T:20.053 Area:58340 Conc:17.99114ppm



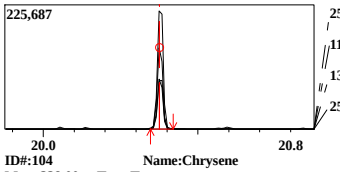
ID#:99 Name:Aramite B
Mass:185.00 Type:Target

R.T:20.181 Area:61275 Conc:19.15751ppm



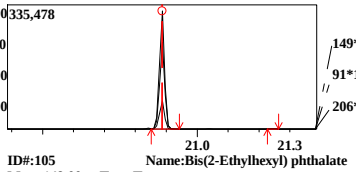
ID#:100 Name:Chlorobenzilate
Mass:251.00 Type:Target

R.T:20.377 Area:189052 Conc:38.37515ppm



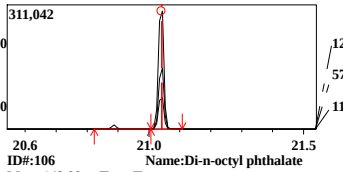
ID#:101 Name:Butyl benzyl phthalate
Mass:149.00 Type:Target

R.T:20.887 Area:360780 Conc:37.82524ppm



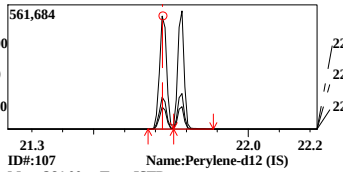
ID#:102 Name:Di(2-ethylhexyl) adipate
Mass:129.00 Type:Target

R.T:21.039 Area:375419 Conc:36.55349ppm



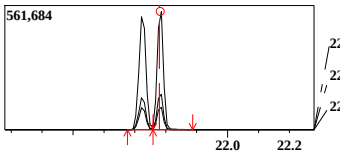
ID#:103 Name:Benzo[a]anthracene
Mass:228.00 Type:Target

R.T:21.724 Area:818733 Conc:36.43765ppm



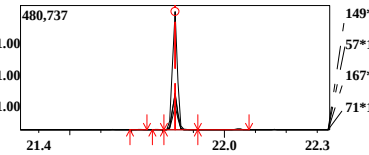
ID#:104 Name:Chrysene
Mass:228.00 Type:Target

R.T:21.783 Area:746129 Conc:32.96321ppm



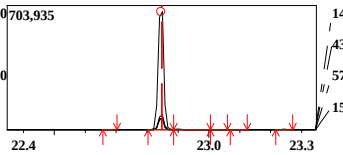
ID#:105 Name:Bis(2-Ethylhexyl) phthalate
Mass:149.00 Type:Target

R.T:21.840 Area:516660 Conc:36.91884ppm



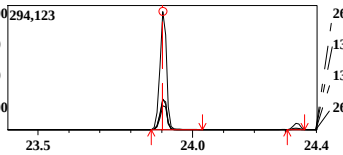
ID#:106 Name:Di-n-octyl phthalate
Mass:149.00 Type:Target

R.T:22.845 Area:891481 Conc:38.15256ppm



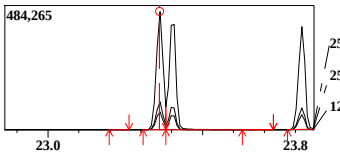
ID#:107 Name:Perylene-d12 (IS)
Mass:264.00 Type:ISTD

R.T:23.905 Area:425368 Conc:40.00000ppm



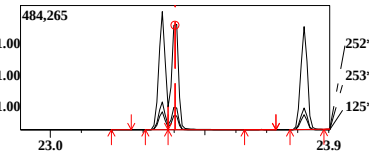
ID#:108 Name:Benzo[b]fluoranthene
Mass:252.00 Type:Target

R.T:23.361 Area:698029 Conc:33.14137ppm



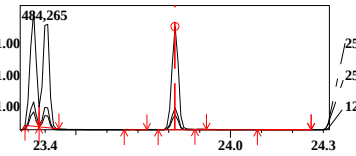
ID#:109 Name:Benzo[k]fluoranthene
Mass:252.00 Type:Target

R.T:23.404 Area:638466 Conc:31.80887ppm



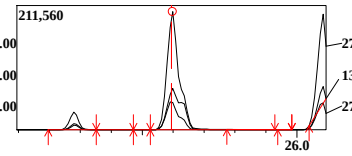
ID#:110 Name:Benzo[a]pyrene
Mass:252.00 Type:Target

R.T:23.821 Area:610525 Conc:37.08124ppm



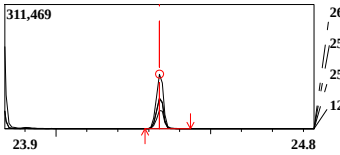
ID#:111 Name:Indeno(1,2,3-cd)pyrene
Mass:276.00 Type:Target

R.T:25.598 Area:552825 Conc:44.32134ppm



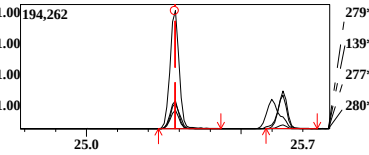
ID#:112 Name:3-Methylcholanthrene
Mass:268.00 Type:Target

R.T:24.336 Area:227044 Conc:30.84916ppm



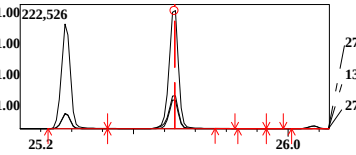
ID#:113 Name:Dibenz(a,j)Acridine
Mass:279.00 Type:Target

R.T:25.285 Area:377345 Conc:34.97846ppm



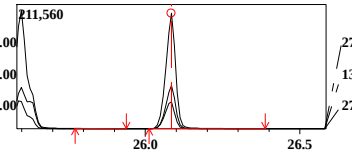
ID#:114 Name:Dibenzo[a,h]anthracene
Mass:278.00 Type:Target

R.T:25.631 Area:462226 Conc:35.76790ppm



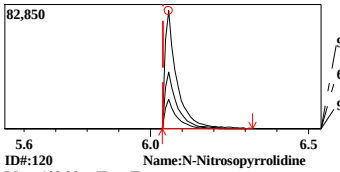
ID#:115 Name:Benzo[g,h,i]perylene
Mass:276.00 Type:Target

R.T:26.084 Area:435855 Conc:33.54368ppm



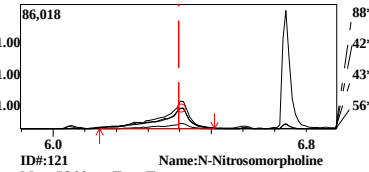
ID#:116 Name:2-Picoline (2-Methylpyridine)
Mass:93.00 Type:Target

R.T:6.057 Area:205836 Conc:27.03596ppm



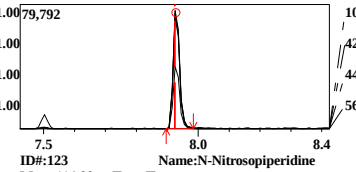
ID#:117 Name:N-Nitrosomethylethylamine
Mass:88.00 Type:Target

R.T:6.406 Area:93559 Conc:29.04294ppm



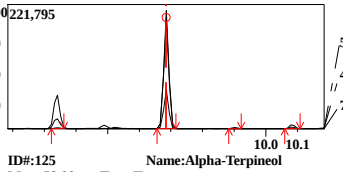
ID#:118 Name:N-Nitrosodiethylamine
Mass:102.00 Type:Target

R.T:7.928 Area:109123 Conc:31.39771ppm



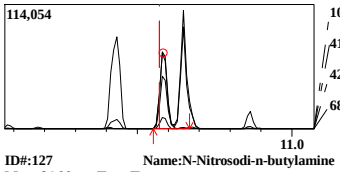
ID#:119 Name:n-Decane
Mass:57.00 Type:Target

R.T:9.685 Area:225071 Conc:24.72631ppm



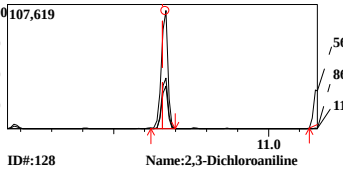
ID#:120 Name:N-Nitrosopyrrolidine
Mass:100.00 Type:Target

R.T:10.584 Area:115288 Conc:34.32725ppm



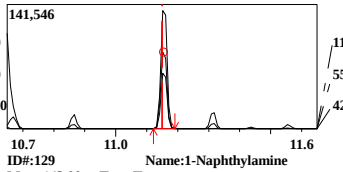
ID#:121 Name:N-Nitrosomorpholine
Mass:56.00 Type:Target

R.T:10.666 Area:151069 Conc:36.28256ppm



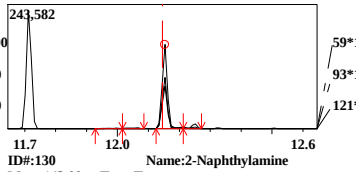
ID#:123 Name:N-Nitrosopiperidine
Mass:114.00 Type:Target

R.T:11.155 Area:125009 Conc:35.14521ppm



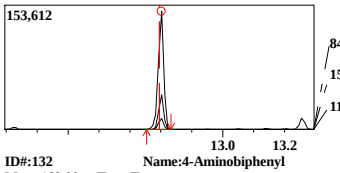
ID#:125 Name:Alpha-Terpineol
Mass:59.00 Type:Target

R.T:12.153 Area:197002 Conc:32.96441ppm



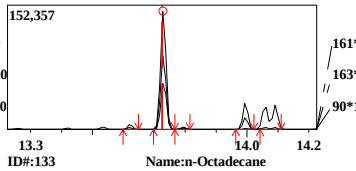
ID#:127 Name:N-Nitrosodi-n-butylamine
Mass:84.00 Type:Target

R.T:12.802 Area:180330 Conc:37.24735ppm



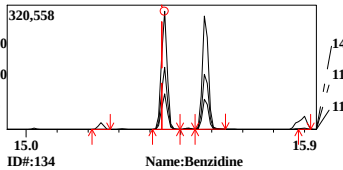
ID#:128 Name:2,3-Dichloroaniline
Mass:161.00 Type:Target

R.T:13.729 Area:186070 Conc:33.38057ppm



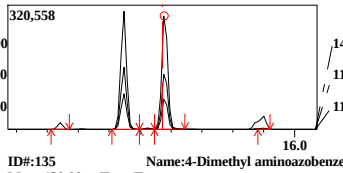
ID#:129 Name:1-Naphthylamine
Mass:143.00 Type:Target

R.T:15.447 Area:400121 Conc:33.25110ppm



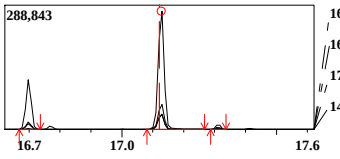
ID#:130 Name:2-Naphthylamine
Mass:143.00 Type:Target

R.T:15.579 Area:402079 Conc:28.98242ppm



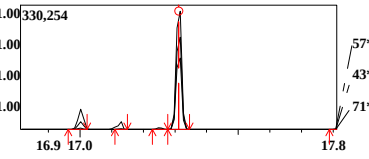
ID#:132 Name:4-Aminobiphenyl
Mass:169.00 Type:Target

R.T:17.128 Area:378855 Conc:29.38566ppm



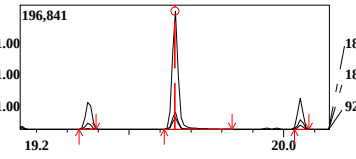
ID#:133 Name:n-Octadecane
Mass:57.00 Type:Target

R.T:17.313 Area:396289 Conc:32.67948ppm



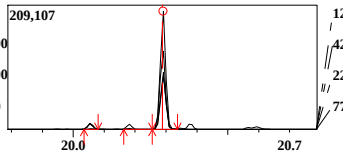
ID#:134 Name:Benzidine
Mass:184.00 Type:Target

R.T:19.649 Area:262659 Conc:22.11869ppm



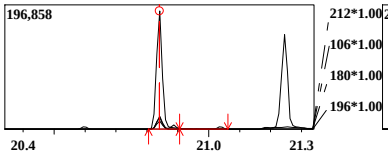
ID#:135 Name:4-Dimethyl aminoazobenzene
Mass:120.00 Type:Target

R.T:20.291 Area:239798 Conc:37.08501ppm



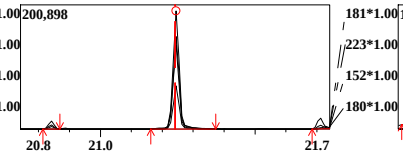
ID#:136 Name:3,3'-Dimethylbenzidine
Mass:212.00 Type:Target

R.T:20.841 Area:241696 Conc:17.05848ppm



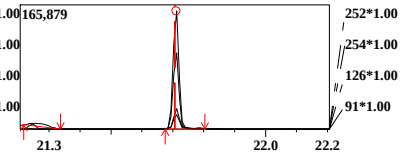
ID#:137 Name:2-Acetylaminofluorene
Mass:181.00 Type:Target

R.T:21.245 Area:280574 Conc:39.45340ppm



ID#:138 Name:3,3`-Dichlorobenzidine
Mass:252.00 Type:Target

R.T:21.711 Area:213108 Conc:31.98045ppm



Analyst: CMN Instrument: J7H Trace Number:
Method: 8270D Batch:2625
Sample ID: 4560643LCSD Data File: C:\GCMSsolution\Data\221214H015.qgd
Date: 12/14/2022 Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm
Time: 17:23:42 Sample Name: 4560643LCSD
Dilution: 1

Internal Standard

ID#	Name	Mass	Time	Area	Conc.
1	1,4-Dichlorobenzene-d4 (IS)	150.00	9.90	246136	40.00
24	Naphthalene-d8 (IS)	136.00	12.06	668107	40.00
45	Acenaphthene-d10 (IS)	164.00	14.97	327106	40.00
73	Phenanthrene-d10 (IS)	188.00	17.41	606999	40.00
95	Chrysene-d12 (IS)	240.00	21.74	548295	40.00
107	Perylene-d12 (IS)	264.00	23.90	416229	40.00

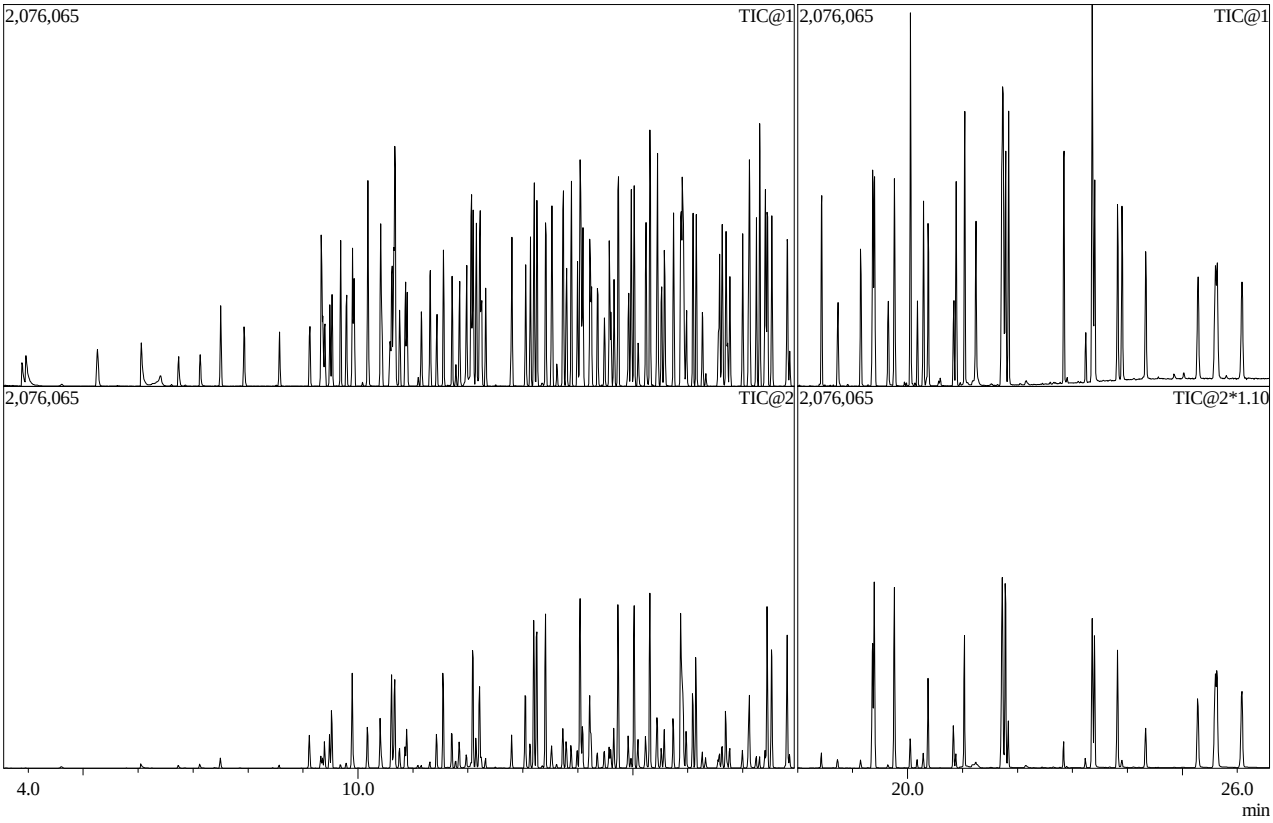
Surrogate

ID#	Name	Mass	Time	Area	Conc.
5	2-Fluorophenol	112.00	7.50	203780	34.89
10	Phenol-d6	99.00	9.34	200603	28.65
25	Nitrobenzene-d5	82.00	10.86	240772	38.72
50	2-Fluorobiphenyl	172.00	13.88	441566	37.23
78	2,4,6-Tribromophenol	330.00	16.27	51093	37.64
97	p-Terphenyl-d14	244.00	20.05	680245	41.69

Target

ID#	Name	Mass	Time	Area	Conc.
2	N-Nitrosodimethylamine	74.00	3.89	116685	24.45
3	Pyridine	79.00	3.96	183066	28.09
4	Methyl methanesulfonate	80.00	7.13	92981	28.33
6	Ethyl methanesulfonate	79.00	8.57	143046	32.27
7	Benzaldehyde	106.00	9.12	102019	20.76
8	Aniline	93.00	9.33	284648	30.72
9	Pentachloroethane	167.00	9.40	53791	29.70
11	Phenol	94.00	9.36	200662	23.09
12	bis(2-Chloroethyl)Ether	93.00	9.49	204331	31.49
13	2-Chlorophenol	128.00	9.53	191267	31.07
14	1,3-Dichlorobenzene	146.00	9.79	180518	28.65
15	1,4-Dichlorobenzene	146.00	9.93	182824	28.37
16	1,2-Dichlorobenzene	146.00	10.18	180461	29.08
17	Benzyl Alcohol	79.00	10.18	165366	30.58
18	bis(2-Chloroisopropyl) Ether	45.00	10.43	356095	31.69
19	2-Methylphenol (o-Cresol)	108.00	10.41	183495	29.91
20	Acetophenone	105.00	10.62	300914	33.36
21	N-Nitrosodi-n-propylamine	70.00	10.65	155471	33.53
22	3+4-Methylphenol(m&p-Cresol)	107.00	10.67	452611	68.77
23	Hexachloroethane	117.00	10.76	77529	28.53
26	Nitrobenzene	77.00	10.90	202898	31.04
27	Isophorone	82.00	11.31	400535	31.11
28	2-Nitrophenol	139.00	11.43	104265	32.54
29	2,4-Dimethylphenol	107.00	11.56	206831	29.57
30	Bis(2-Chloroethoxy)methane	93.00	11.71	248517	30.42
31	2,4-Dichlorophenol	162.00	11.85	139546	31.89
32	Benzoic Acid	105.00	11.70	11660	7.20
33	1,2,4-Trichlorobenzene	180.00	11.98	139099	30.03
34	Naphthalene	128.00	12.09	658830	28.81
35	4-Chloroaniline	127.00	12.21	199217	24.80
36	2,6-Dichlorophenol	162.00	12.22	134262	31.20
37	Hexachloropropene	213.00	12.25	106780	31.49
38	Hexachlorobutadiene	225.00	12.32	92720	29.15
39	Caprolactam	55.00	12.79	57318	18.99
40	2-Methylnaphthalene-d10	152.00	13.20	394769	37.17
41	4-Chloro-3-methylphenol	107.00	13.05	211594	33.15
42	Safrole	162.00	13.14	135478	31.72
43	2-Methylnaphthalene	142.00	13.25	417204	28.63
44	1-Methylnaphthalene	142.00	13.41	400561	28.98
46	Hexachlorocyclopentadiene	237.00	13.52	112588	32.15
47	1,2,4,5-Tetrachlorobenzene	216.00	13.53	177922	30.55
48	2,4,6-Trichlorophenol	196.00	13.74	113032	32.82
49	2,4,5-Trichlorophenol	196.00	13.79	120371	32.07
51	Isosafrole	162.00	13.99	142282	30.56
52	1,1'-Biphenyl	154.00	14.04	441198	29.89
53	2-Chloronaphthalene	162.00	14.06	324135	28.31
54	1-Chloronaphthalene	162.00	14.09	286137	31.93
55	2-Nitroaniline	138.00	14.25	137092	33.26
56	1,4-Naphthoquinone	158.00	14.36	136532	29.98
57	Dimethyl phthalate	163.00	14.57	386881	32.45
58	1,3-Dinitrobenzene	168.00	14.48	58999	33.57

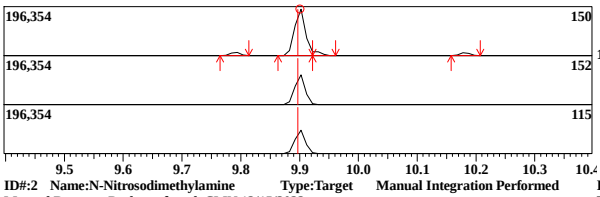
ID#	Name	Mass	Time	Area	Conc.
59	2,6-Dinitrotoluene (2,6-DNT)	165.00	14.66	84696	33.13
60	Acenaphthylene	152.00	14.73	658817	32.93
61	3-Nitroaniline	138.00	14.92	120083	35.01
62	Acenaphthene	154.00	15.02	388352	29.26
63	2,4-Dinitrophenol	184.00	15.09	52774	36.08
64	Pentachlorobenzene	250.00	15.24	142897	31.74
65	Dibenzofuran	168.00	15.31	544851	30.67
66	2,4-Dinitrotoluene (2,4-DNT)	165.00	15.31	127286	34.51
67	4-Nitrophenol	65.00	15.24	74031	29.09
68	2,3,4,6-Tetrachlorophenol	232.00	15.52	104636	32.97
69	Diethyl phthalate	149.00	15.74	430669	33.16
70	Fluorene	166.00	15.87	438866	30.40
71	4-Chlorophenyl phenyl ether	204.00	15.90	206728	32.17
72	4-Nitroaniline	138.00	15.93	123451	38.66
74	4,6-Dinitro-2-methylphenol	198.00	15.97	78298	39.45
75	N-Nitrosodiphenylamine	169.00	16.10	289782	27.59
76	Diphenylamine	169.00	16.10	289782	27.59
77	1,2-Diphenylhydrazine	77.00	16.16	459266	32.66
79	(cis/trans)-Diallate	43.00	16.58	224541	33.85
80	Phenacetin	108.00	16.63	249194	36.15
81	4-Bromophenyl phenyl ether	250.00	16.70	114362	32.81
82	Hexachlorobenzene	284.00	16.77	96536	30.39
83	Atrazine	200.00	17.00	111317	31.70
84	Pentachlorophenol	266.00	17.11	55707	33.32
85	Pentachloronitrobenzene	237.00	17.12	55056	33.19
86	Pronamide (Kerb)	173.00	17.25	173535	33.79
87	Phenanthrene	178.00	17.44	627300	31.16
88	Anthracene	178.00	17.53	551706	26.24
89	Carbazole	167.00	17.81	581208	31.05
90	Di-n-butyl phthalate	149.00	18.44	764092	34.62
91	4-Nitroquinoline-N-Oxide	190.00	18.73	54968	37.65
92	Isodrin	193.00	19.15	69441	34.76
93	Fluoranthene-d10	212.00	19.36	739997	39.31
94	Fluoranthene	202.00	19.40	801112	32.33
96	Pyrene	202.00	19.76	802600	31.16
98	Aramite A	185.00	20.05	56735	17.14
99	Aramite B	185.00	20.18	59138	18.06
100	Chlorobenzilate	251.00	20.38	177576	35.21
101	Butyl benzyl phthalate	149.00	20.89	330752	33.88
102	Di(2-ethylhexyl) adipate	129.00	21.04	348627	33.16
103	Benzo[a]anthracene	228.00	21.72	758193	33.02
104	Chrysene	228.00	21.78	714025	30.82
105	Bis(2-Ethylhexyl) phthalate	149.00	21.84	481105	33.59
106	Di-n-octyl phthalate	149.00	22.84	848356	35.47
108	Benzo[b]fluoranthene	252.00	23.36	667908	32.41
109	Benzo[k]fluoranthene	252.00	23.40	601268	30.61
110	Benzo[a]pyrene	252.00	23.82	559770	34.75
111	Indeno(1,2,3-cd)pyrene	276.00	25.60	431717	36.47
112	3-Methylcholanthrene	268.00	24.33	222937	30.96
113	Dibenz(a,j)Acridine	279.00	25.29	348904	33.05
114	Dibenzo[a,h]anthracene	278.00	25.63	433720	34.42
115	Benzo[g,h,i]perylene	276.00	26.08	414386	32.59
116	2-Picoline (2-Methylpyridine)	93.00	6.06	184456	26.59
117	N-Nitrosomethylethylamine	88.00	6.41	84415	28.76
118	N-Nitrosodiethylamine	102.00	7.93	99415	31.39
119	n-Decane	57.00	9.69	206768	24.93
120	N-Nitrosopyrrolidine	100.00	10.58	106809	32.85
121	N-Nitrosomorpholine	56.00	10.67	140437	34.84
122	o-Toluidine	106.00	10.68	304777	29.21
123	N-Nitrosopiperidine	114.00	11.15	112950	32.80
124	a,a-Dimethylphenethylamine	58.00	12.05	358678	21.66
125	Alpha-Terpineol	59.00	12.15	186764	32.28
126	p-Phenylenediamine	108.00	12.88	1150	1.90
127	N-Nitrosodi-n-butylamine	84.00	12.80	168682	35.99
128	2,3-Dichloroaniline	161.00	13.73	176720	31.71
129	1-Naphthylamine	143.00	15.45	374889	31.16
130	2-Naphthylamine	143.00	15.58	371492	26.78
131	5-Nitro-o-Toluidine	152.00	15.91	119667	36.47
132	4-Aminobiphenyl	169.00	17.13	359617	27.57
133	n-Octadecane	57.00	17.31	380982	31.05
134	Benzidine	184.00	19.65	246236	20.26
135	4-Dimethyl aminoazobenzene	120.00	20.29	226277	34.19
136	3,3'-Dimethylbenzidine	212.00	20.84	225870	15.57
137	2-Acetylaminofluorene	181.00	21.24	263591	36.31
138	3,3`-Dichlorobenzidine	252.00	21.71	205332	30.10
139	7,12-Dimethylbenz[a]anthracene	256.00	23.36	254292	32.00

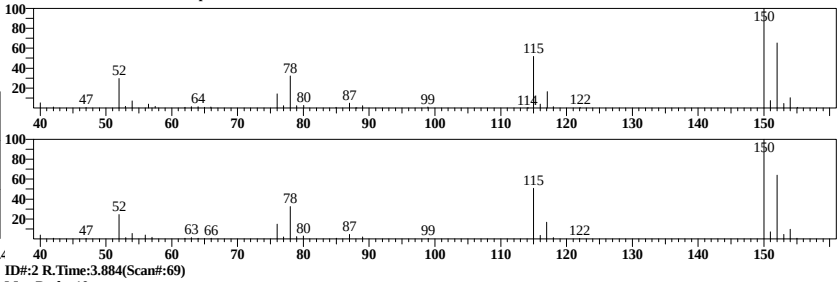

2,076,065
TIC@1
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TIC@2
2,076,065
TIC@2*1.10
4.0
10.0
20.0
26.0
min

ID#:1 Name:1,4-Dichlorobenzene-d4 (IS) Type:ISTD Manual Integration Performed
Manual Reason: Split peak. CMN 12/15/2022

Mass:150.00 R.T:9.901 Area:246136 Conc:40.00000ppm
Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	152.00	75924	65.43	65.66
2	115.00	60023	51.72	48.88

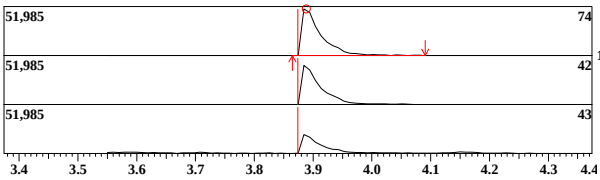


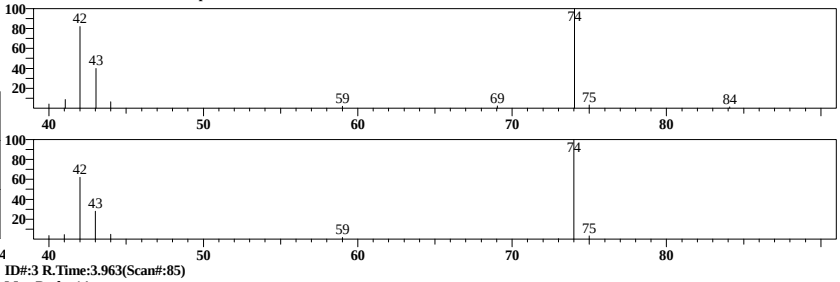


ID#:2 Name:N-Nitrosodimethylamine Type:Target Manual Integration Performed
Manual Reason: Peak not found. CMN 12/15/2022

Mass:74.00 R.T:3.889 Area:116685 Conc:24.44848ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	42.00	26150	82.14	72.10
2	43.00	12649	39.73	38.30

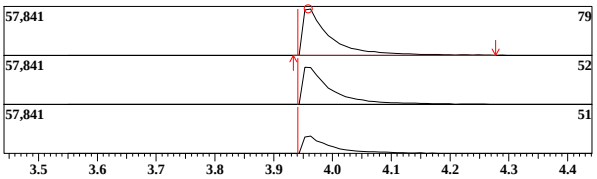


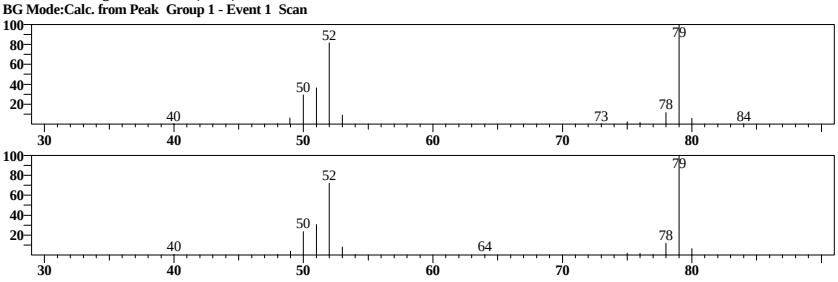


ID#:3 Name:Pyridine Type:Target Manual Integration Performed
Manual Reason: Baseline smoothing. CMN 12/15/2022

Mass:79.00 R.T:3.959 Area:183066 Conc:28.08957ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	52.00	40941	81.55	80.35
2	51.00	18292	36.44	37.95

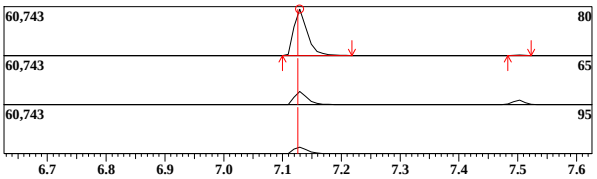


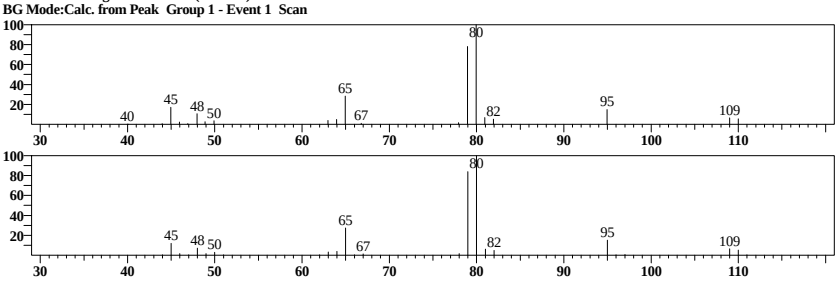


ID#:4 Name:Methyl methanesulfonate Type:Target No Manual Integration

Mass:80.00 R.T:7.129 Area:92981 Conc:28.33026ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	65.00	12158	28.14	35.13
2	95.00	6413	14.84	18.43

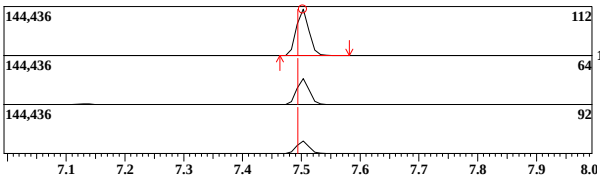


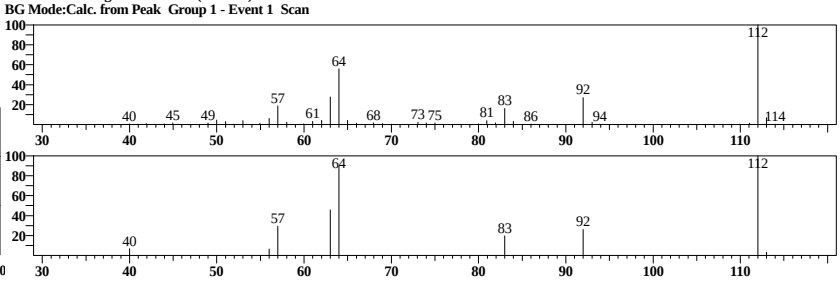


ID#:5 Name:2-Fluorophenol Type:Surrogate/SMC No Manual Integration

Mass:112.00 R.T:7.502 Area:203780 Conc:34.88940ppm
Event:1:Scan SI:85

#	m/z	Area	Ratio	Reference
1	64.00	56711	56.03	72.76
2	92.00	27385	27.06	26.11

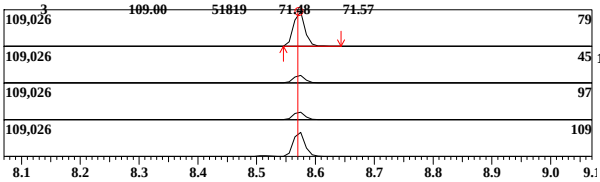


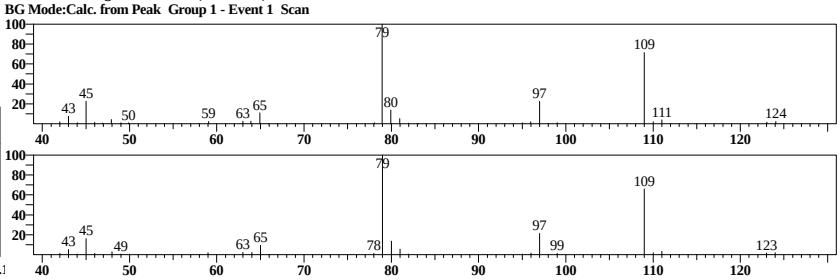


ID#:6 Name:Ethyl methanesulfonate Type:Target No Manual Integration

Mass:79.00 R.T:8.572 Area:143046 Conc:32.26654ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	45.00	16306	22.49	17.15
2	97.00	16326	22.52	24.70
3	109.00	51819	71.48	71.57

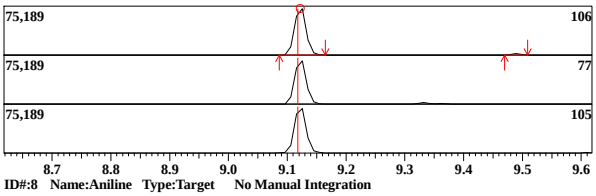




ID#:7 Name:Benzaldehyde Type:Target No Manual Integration

Mass:106.00 R.T:9.122 Area:102019 Conc:20.75921ppm
Event:1:Scan SI:97

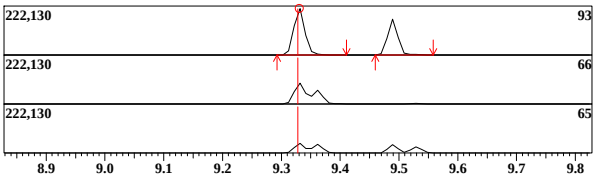
#	m/z	Area	Ratio	Reference
1	77.00	48309	93.43	85.00
2	105.00	50319	97.31	96.78



ID#:8 Name:Aniline Type:Target No Manual Integration

Mass:93.00 R.T:9.331 Area:284648 Conc:30.71700ppm
Event:1:Scan SI:71

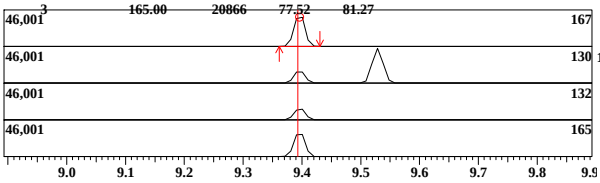
#	m/z	Area	Ratio	Reference
1	66.00	67208	46.44	46.22
2	65.00	29995	20.73	22.48



ID#:9 Name:Pentachloroethane Type:Target No Manual Integration

Mass:167.00 R.T:9.396 Area:53791 Conc:29.69903ppm
Event:1:Scan SI:98

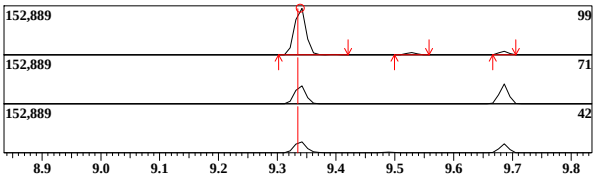
#	m/z	Area	Ratio	Reference
1	130.00	10565	39.25	38.70
2	132.00	9805	36.42	34.68
3	165.00	20866	77.52	81.27



ID#:10 Name:Phenol-d6 Type:Surrogate/SMC No Manual Integration

Mass:99.00 R.T:9.339 Area:200603 Conc:28.65353ppm
Event:1:Scan SI:67

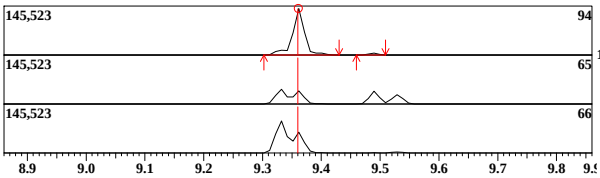
#	m/z	Area	Ratio	Reference
1	71.00	39470	38.67	35.02
2	42.00	24785	24.28	16.82



ID#:11 Name:Phenol Type:Target No Manual Integration

Mass:94.00 R.T:9.361 Area:200662 Conc:23.09081ppm
Event:1:Scan SI:92

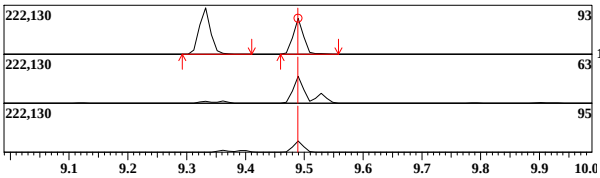
#	m/z	Area	Ratio	Reference
1	65.00	26828	29.51	31.65
2	66.00	42874	47.16	40.72



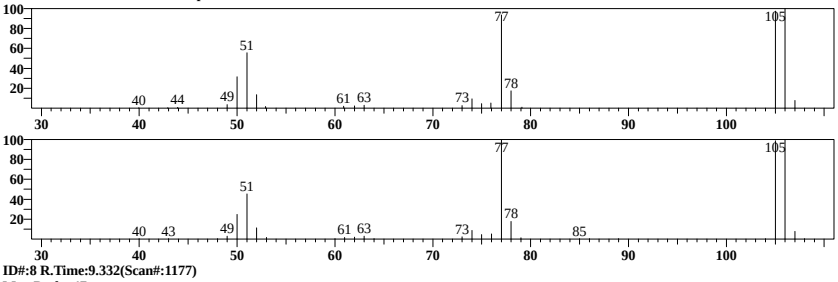
ID#:12 Name:bis(2-Chloroethyl)Ether Type:Target No Manual Integration

Mass:93.00 R.T:9.489 Area:204331 Conc:31.48748ppm
Event:1:Scan SI:88

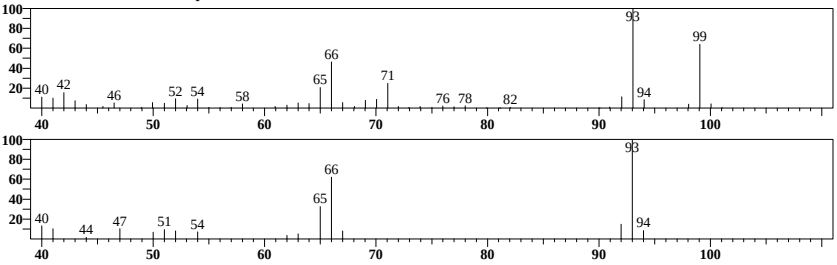
#	m/z	Area	Ratio	Reference
1	63.00	79815	75.23	95.54
2	95.00	33938	31.99	33.05



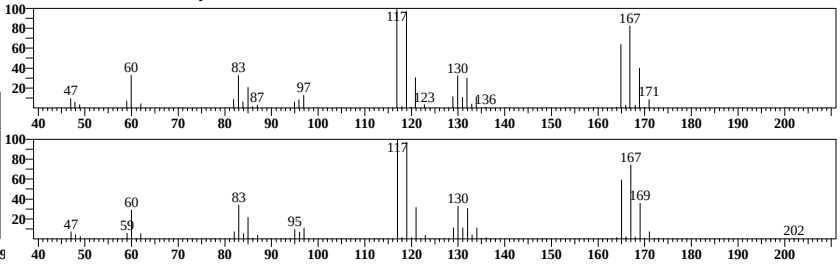
ID#:7 R.Time:9.125(Scan#:1135)
MassPeaks:21
RawMode:Averaged 9.116-9.135(1133-1137)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



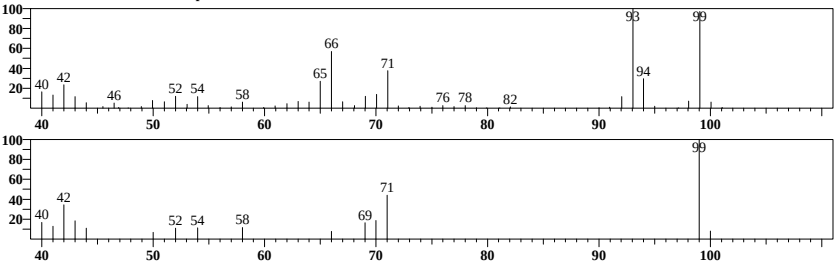
ID#:8 R.Time:9.332(Scan#:1177)
MassPeaks:47
RawMode:Averaged 9.322-9.342(1175-1179)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



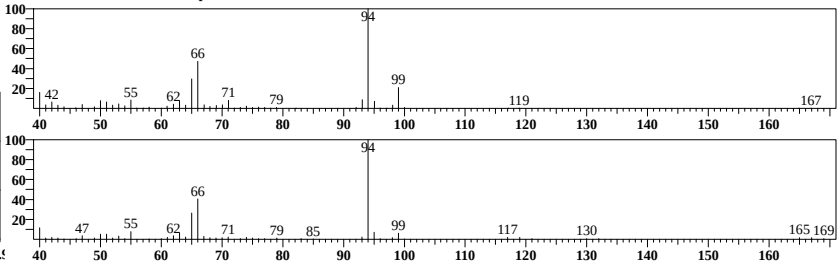
ID#:9 R.Time:9.401(Scan#:1191)
MassPeaks:36
RawMode:Averaged 9.391-9.411(1189-1193)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



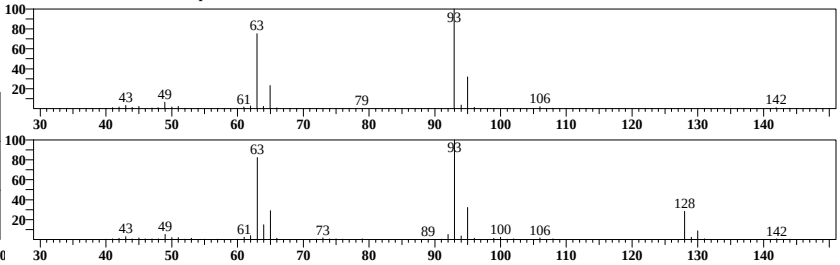
ID#:10 R.Time:9.342(Scan#:1179)
MassPeaks:53
RawMode:Averaged 9.332-9.352(1177-1181)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:11 R.Time:9.362(Scan#:1183)
MassPeaks:51
RawMode:Averaged 9.352-9.371(1181-1185)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



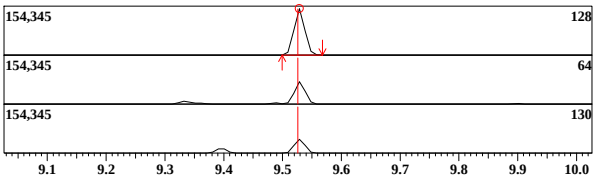
ID#:12 R.Time:9.489(Scan#:1209)
MassPeaks:29
RawMode:Averaged 9.479-9.499(1207-1211)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



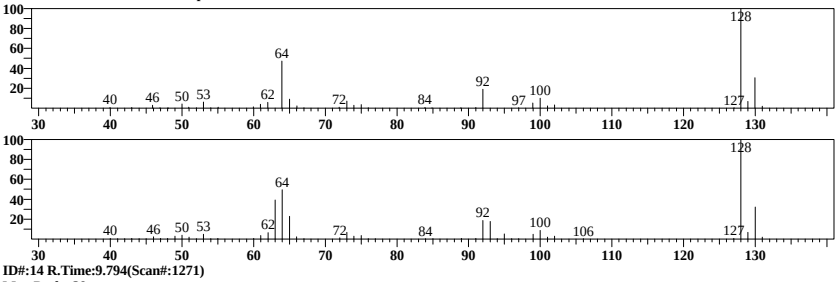
ID#:13 Name:2-Chlorophenol Type:Target No Manual Integration

Mass:128.00 R.T:9.529 Area:191267 Conc:31.07428ppm
Event:1:Scan SI:87

#	m/z	Area	Ratio	Reference
1	64.00	47359	47.27	65.60
2	130.00	30667	30.61	31.89



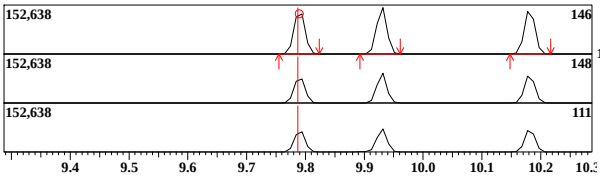
ID#:13 R.Time:9.529(Scan#:1217)
MassPeaks:38
RawMode:Averaged 9.519-9.539(1215-1219)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



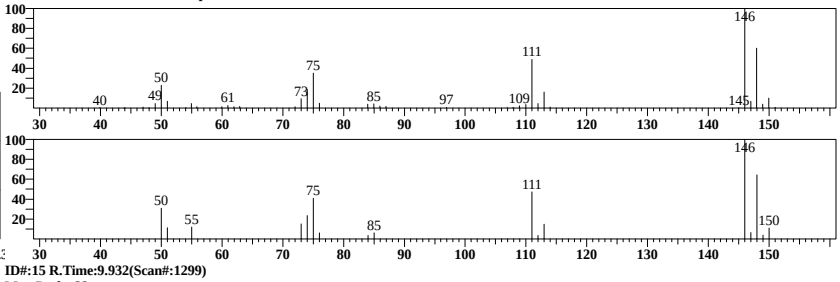
ID#:14 Name:1,3-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.790 Area:180518 Conc:28.65239ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	148.00	55346	60.22	64.92
2	111.00	45031	49.00	55.28



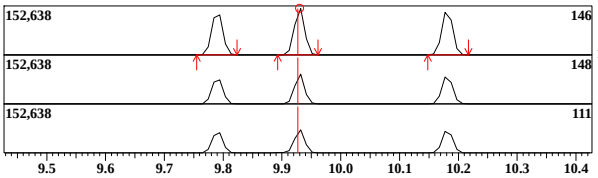
ID#:14 R.Time:9.794(Scan#:1271)
MassPeaks:39
RawMode:Averaged 9.784-9.804(1269-1273)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



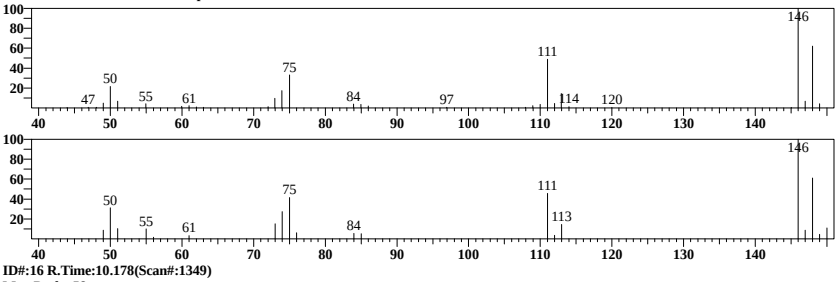
ID#:15 Name:1,4-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.930 Area:182824 Conc:28.37374ppm
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	148.00	60176	62.17	66.17
2	111.00	47270	48.84	47.39



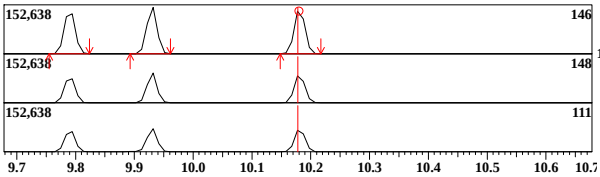
ID#:15 R.Time:9.932(Scan#:1299)
MassPeaks:32
RawMode:Averaged 9.922-9.942(1297-1301)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



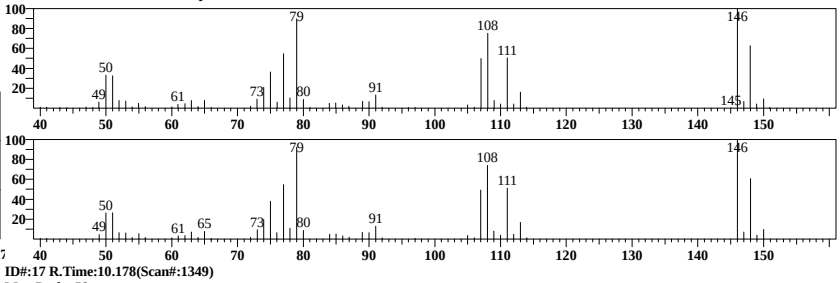
ID#:16 Name:1,2-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:10.180 Area:180461 Conc:29.07554ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	148.00	58618	62.58	65.19
2	111.00	47179	50.37	55.22



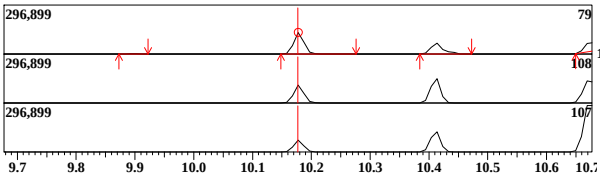
ID#:16 R.Time:10.178(Scan#:1349)
MassPeaks:58
RawMode:Averaged 10.168-10.188(1347-1351)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



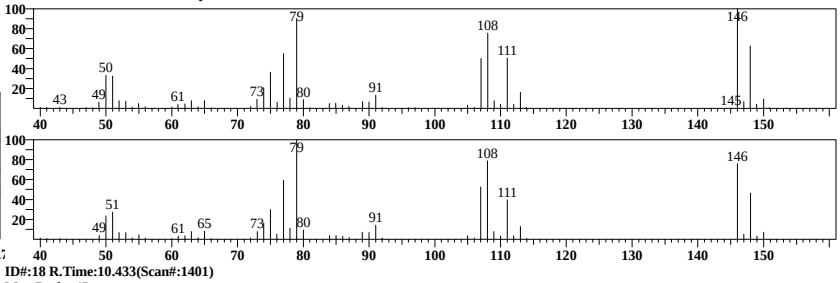
ID#:17 Name:Benzyl Alcohol Type:Target No Manual Integration

Mass:79.00 R.T:10.178 Area:165366 Conc:30.57729ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	108.00	70744	83.47	85.77
2	107.00	46976	55.43	58.74



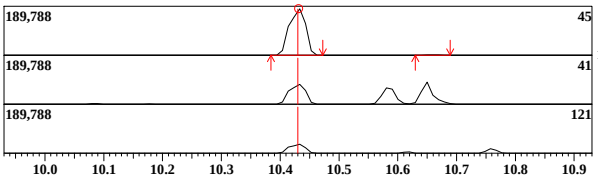
ID#:17 R.Time:10.178(Scan#:1349)
MassPeaks:58
RawMode:Averaged 10.168-10.188(1347-1351)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



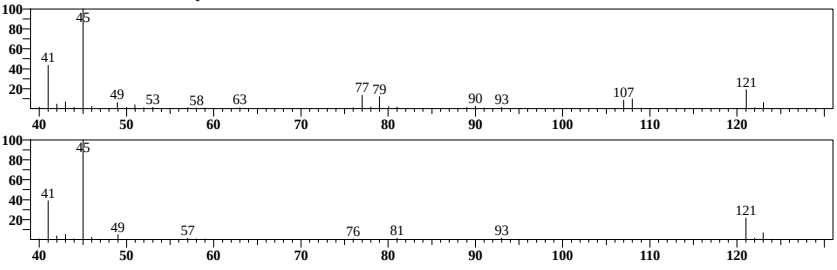
ID#:18 Name:bis(2-Chloroisopropyl) Ether Type:Target No Manual Integration

Mass:45.00 R.T:10.432 Area:356095 Conc:31.69460ppm
Event:1:Scan SI:84

#	m/z	Area	Ratio	Reference
1	41.00	65566	43.49	39.13
2	121.00	28597	18.97	18.18



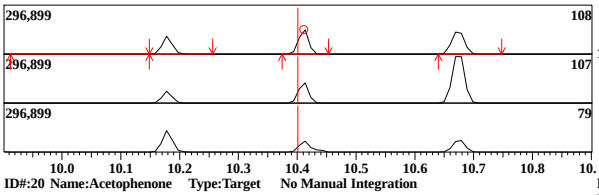
ID#:18 R.Time:10.433(Scan#:1401)
MassPeaks:45
RawMode:Averaged 10.424-10.443(1399-1403)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



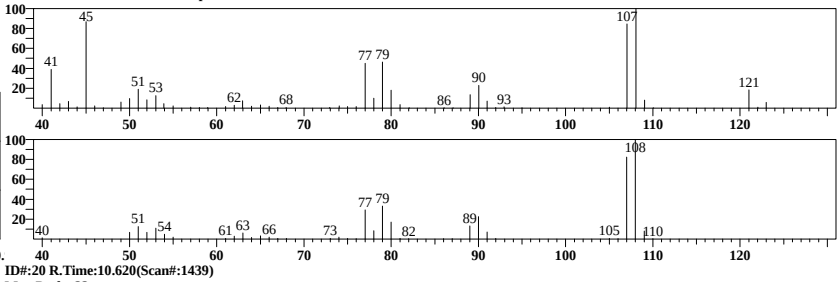
ID#:19 Name:2-Methylphenol (o-Cresol) Type:Target No Manual Integration

Mass:108.00 R.T:10.412 Area:183495 Conc:29.91475ppm
Event:1:Scan SI:79

#	m/z	Area	Ratio	Reference
1	107.00	81567	84.44	84.56
2	79.00	44723	46.30	35.28



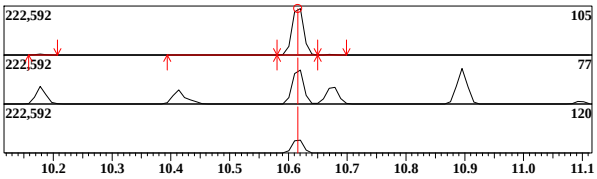
ID#:19 R.Time:10.414(Scan#:1397)
MassPeaks:52
RawMode:Averaged 10.404-10.424(1395-1399)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



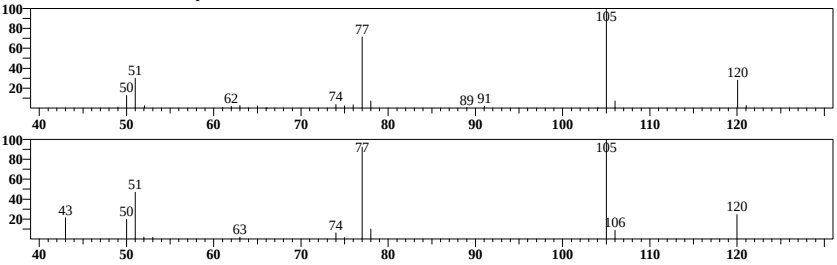
ID#:20 Name:Acetophenone Type:Target No Manual Integration

Mass:105.00 R.T:10.616 Area:300914 Conc:33.35810ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	77.00	109501	71.40	73.31
2	120.00	42750	27.88	24.48



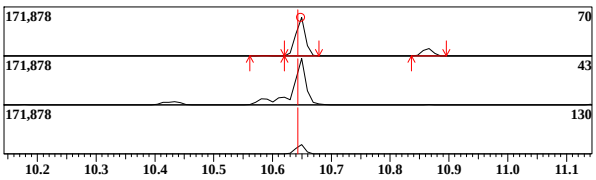
ID#:20 R.Time:10.620(Scan#:1439)
MassPeaks:22
RawMode:Averaged 10.610-10.630(1437-1441)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



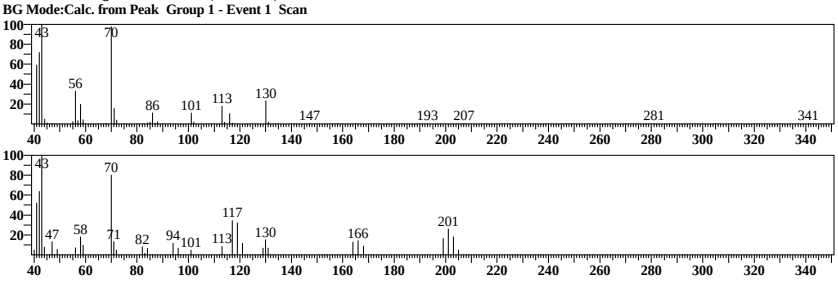
ID#:21 Name:N-Nitrosodi-n-propylamine Type:Target No Manual Integration

Mass:70.00 R.T:10.648 Area:155471 Conc:33.52659ppm
Event:1:Scan SI:73

#	m/z	Area	Ratio	Reference
1	43.00	85314	102.19	109.00
2	130.00	19859	23.79	17.19



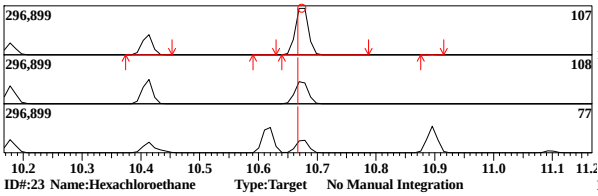
ID#:21 R.Time:10.650(Scan#:1445)
MassPeaks:35
RawMode:Averaged 10.640-10.660(1443-1447)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



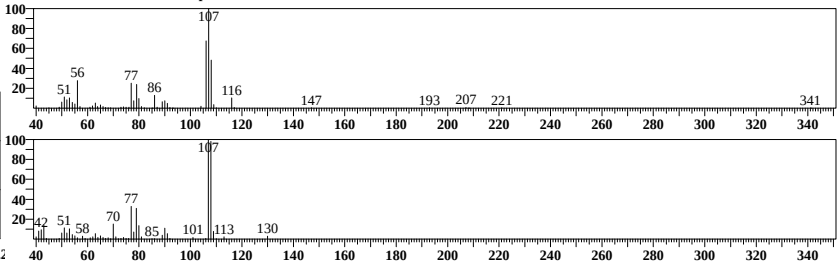
ID#:22 Name:3+4-Methylphenol(m&p-Cresol) Type:Target No Manual Integration

Mass:107.00 R.T:10.674 Area:452611 Conc:68.77005ppm
Event:1:Scan SI:80

#	m/z	Area	Ratio	Reference
1	108.00	106221	* 48.37	95.43
2	77.00	55102	25.09	31.91



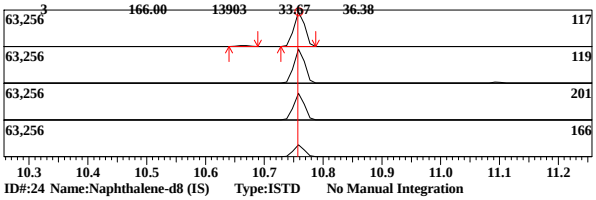
ID#:22 R.Time:10.669(Scan#:1449)
MassPeaks:52
RawMode:Averaged 10.660-10.679(1447-1451)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



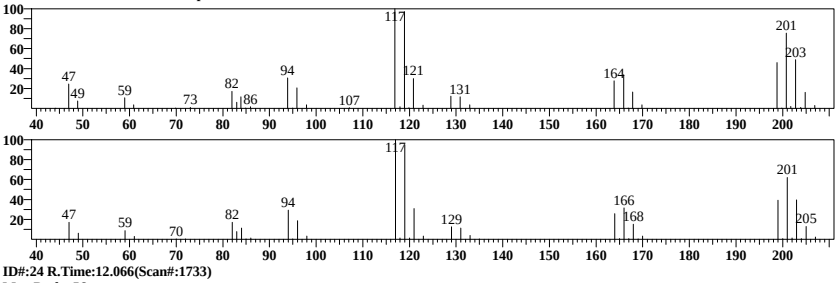
ID#:23 Name:Hexachloroethane Type:Target No Manual Integration

Mass:117.00 R.T:10.759 Area:77529 Conc:28.53489ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	119.00	40131	97.19	92.41
2	201.00	31141	75.42	78.73
3	166.00	13903	33.67	36.38



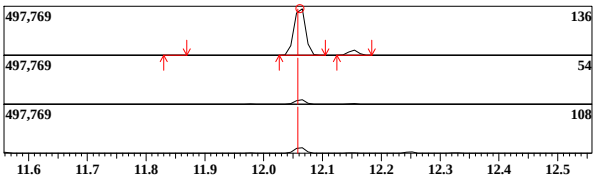
ID#:23 R.Time:10.758(Scan#:1467)
MassPeaks:39
RawMode:Averaged 10.748-10.768(1465-1469)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



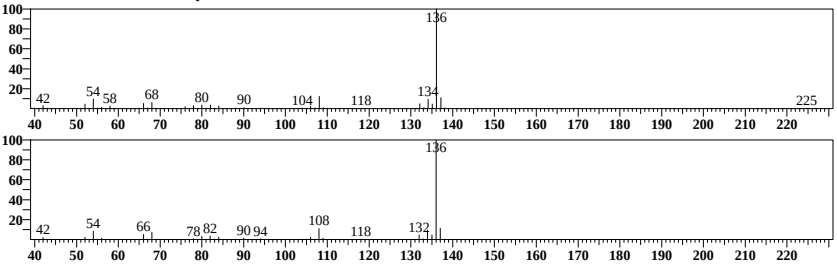
ID#:24 Name:Naphthalene-d8 (IS) Type:ISTD No Manual Integration

Mass:136.00 R.T:12.062 Area:668107 Conc:40.00000ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	54.00	32348	9.50	11.97
2	108.00	41287	12.13	12.20



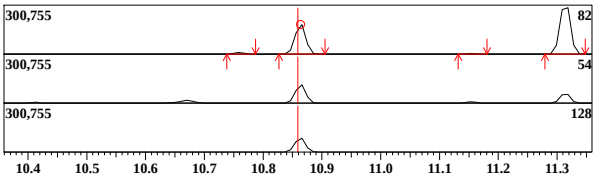
ID#:24 R.Time:12.066(Scan#:1733)
MassPeaks:56
RawMode:Averaged 12.056-12.076(1731-1735)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



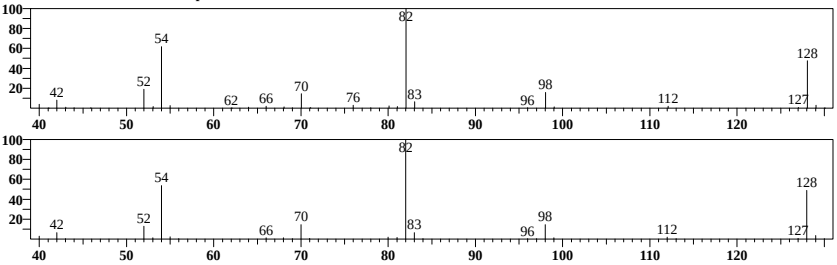
ID#:25 Name:Nitrobenzene-d5 Type:Surrogate/SMC No Manual Integration

Mass:82.00 R.T:10.864 Area:240772 Conc:38.72326ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	54.00	77247	61.74	65.85
2	128.00	59393	47.47	43.44



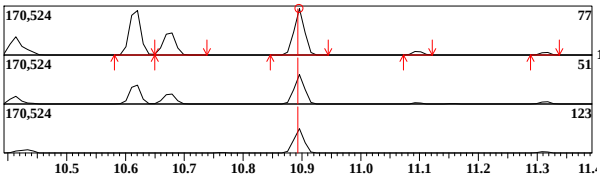
ID#:25 R.Time:10.866(Scan#:1489)
MassPeaks:31
RawMode:Averaged 10.856-10.876(1487-1491)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



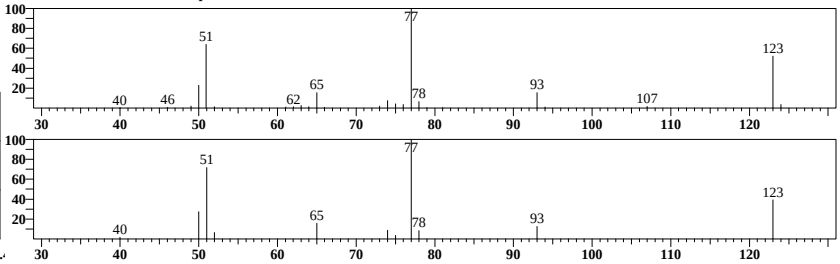
ID#:26 Name:Nitrobenzene Type:Target No Manual Integration

Mass:77.00 R.T:10.895 Area:202898 Conc:31.03726ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	51.00	68407	63.92	61.12
2	123.00	55864	52.20	46.32



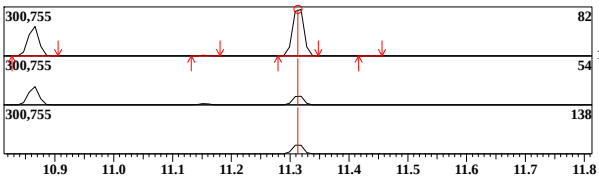
ID#:26 R.Time:10.896(Scan#:1495)
MassPeaks:25
RawMode:Averaged 10.886-10.905(1493-1497)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



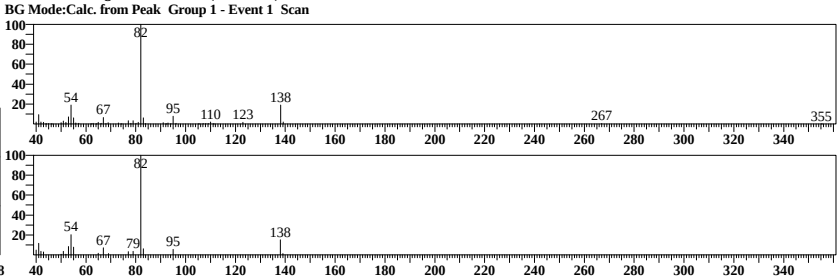
ID#:27 Name:Isophorone Type:Target No Manual Integration

Mass:82.00 R.T:11.314 Area:400535 Conc:31.10924ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	54.00	39182	19.05	19.87
2	138.00	38885	18.90	14.87



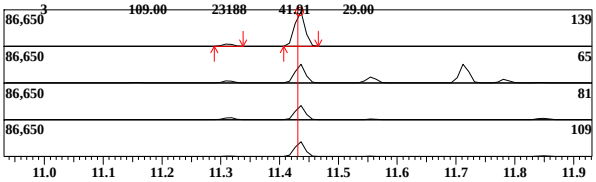
ID#:27 R.Time:11.318(Scan#:1581)
MassPeaks:50
RawMode:Averaged 11.309-11.328(1579-1583)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



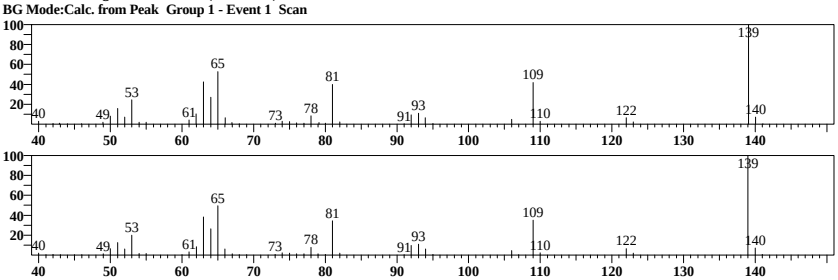
ID#:28 Name:2-Nitrophenol Type:Target No Manual Integration

Mass:139.00 R.T:11.435 Area:104265 Conc:32.53668ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	65.00	29124	52.65	55.00
2	81.00	22019	39.80	33.00
3	109.00	23188	41.91	29.00



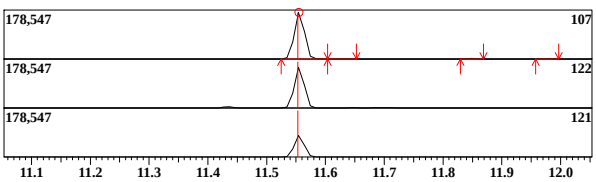
ID#:28 R.Time:11.436(Scan#:1605)
MassPeaks:43
RawMode:Averaged 11.427-11.446(1603-1607)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



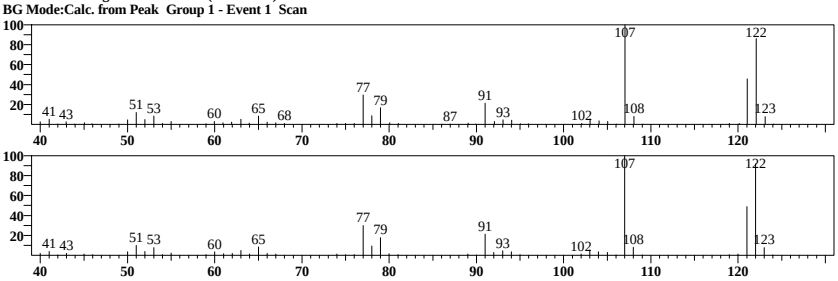
ID#:29 Name:2,4-Dimethylphenol Type:Target No Manual Integration

Mass:107.00 R.T:11.555 Area:206831 Conc:29.56927ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	122.00	95079	86.27	82.87
2	121.00	50395	45.72	42.24



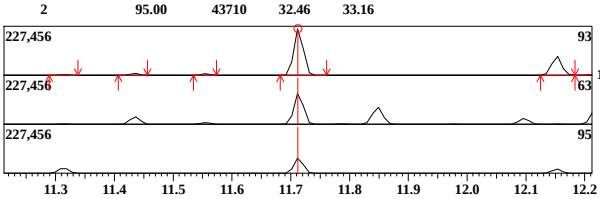
ID#:29 R.Time:11.554(Scan#:1629)
MassPeaks:56
RawMode:Averaged 11.544-11.564(1627-1631)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



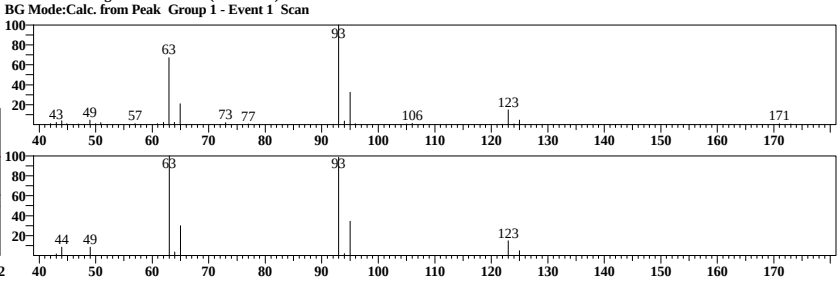
ID#:30 Name:Bis(2-Chloroethoxy)methane Type:Target No Manual Integration

Mass:93.00 R.T:11.713 Area:248517 Conc:30.41871ppm
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	63.00	90327	67.08	85.08
2	95.00	43710	32.46	33.16



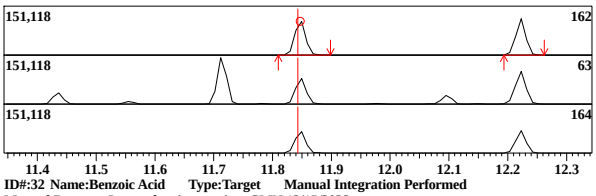
ID#:30 R.Time:11.712(Scan#:1661)
MassPeaks:35
RawMode:Averaged 11.702-11.722(1659-1663)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:31 Name:2,4-Dichlorophenol Type:Target No Manual Integration

Mass:162.00 R.T:11.847 Area:139546 Conc:31.89200ppm
Event:1:Scan SI:98

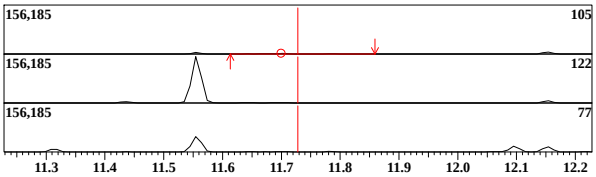
#	m/z	Area	Ratio	Reference
1	63.00	53528	73.93	59.00
2	164.00	45638	63.03	65.54



ID#:32 Name:Benzoic Acid Type:Target Manual Integration Performed
Manual Reason: Incomplete integration. CMN 12/15/2022

Mass:105.00 R.T:11.700 Area:11660 Conc:7.20429ppm
Event:1:Scan SI:64

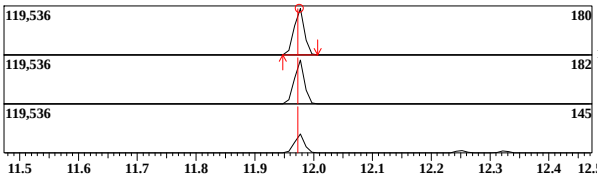
#	m/z	Area	Ratio	Reference
1	122.00	1318	73.34	76.85
2	77.00	1306	72.68	75.23



ID#:33 Name:1,2,4-Trichlorobenzene Type:Target No Manual Integration

Mass:180.00 R.T:11.976 Area:139099 Conc:30.03300ppm
Event:1:Scan SI:97

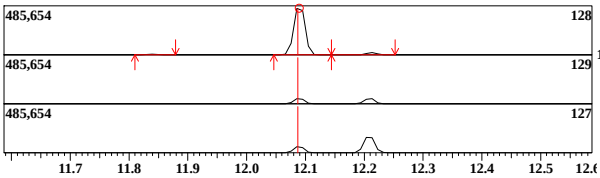
#	m/z	Area	Ratio	Reference
1	182.00	68031	92.15	91.21
2	145.00	29414	39.84	29.06



ID#:34 Name:Naphthalene Type:Target No Manual Integration

Mass:128.00 R.T:12.089 Area:658830 Conc:28.81487ppm
Event:2:SIM SI:93

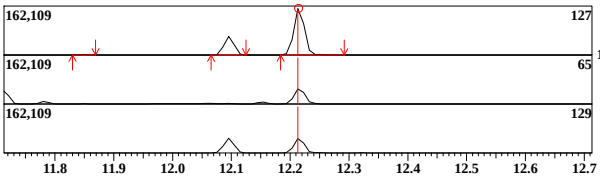
#	m/z	Area	Ratio	Reference
1	129.00	36863	10.86	10.48
2	127.00	43051	12.68	13.97



ID#:35 Name:4-Chloroaniline Type:Target No Manual Integration

Mass:127.00 R.T:12.215 Area:199217 Conc:24.79954ppm
Event:1:Scan SI:96

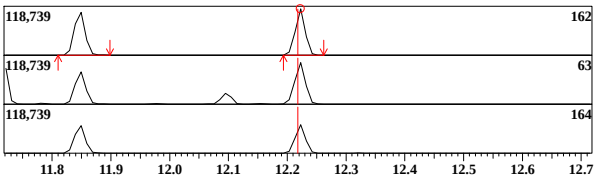
#	m/z	Area	Ratio	Reference
1	65.00	34705	33.57	45.58
2	129.00	32678	31.61	30.27



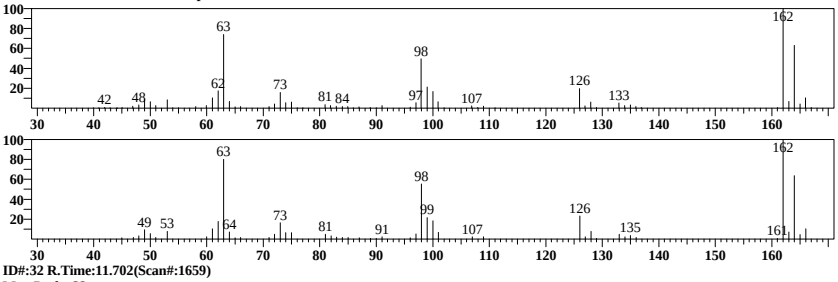
ID#:36 Name:2,6-Dichlorophenol Type:Target No Manual Integration

Mass:162.00 R.T:12.222 Area:134262 Conc:31.20163ppm
Event:1:Scan SI:91

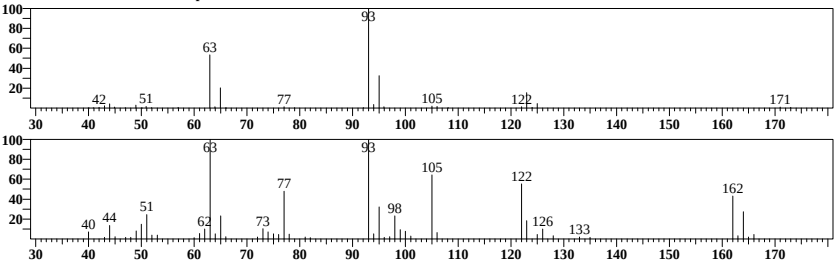
#	m/z	Area	Ratio	Reference
1	63.00	66834	93.58	88.00
2	164.00	45487	63.69	62.85



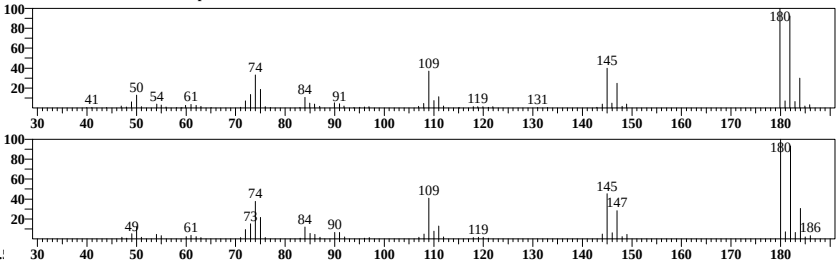
ID#:31 R.Time:11.849(Scan#:1689)
MassPeaks:66
RawMode:Averaged 11.839-11.859(1687-1691)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



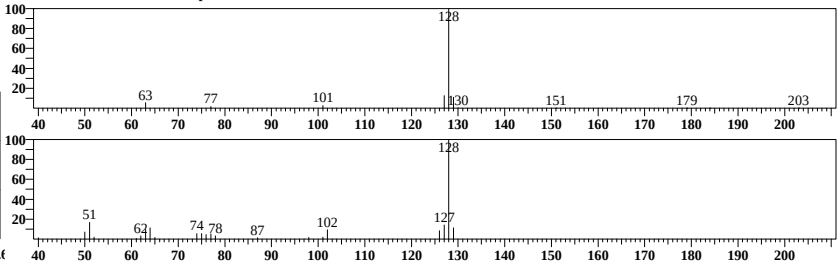
ID#:32 R.Time:11.702(Scan#:1659)
MassPeaks:32
RawMode:Averaged 11.692-11.712(1657-1661)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



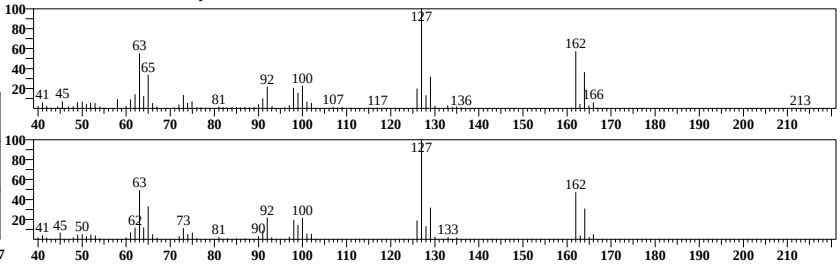
ID#:33 R.Time:11.977(Scan#:1715)
MassPeaks:65
RawMode:Averaged 11.967-11.987(1713-1717)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



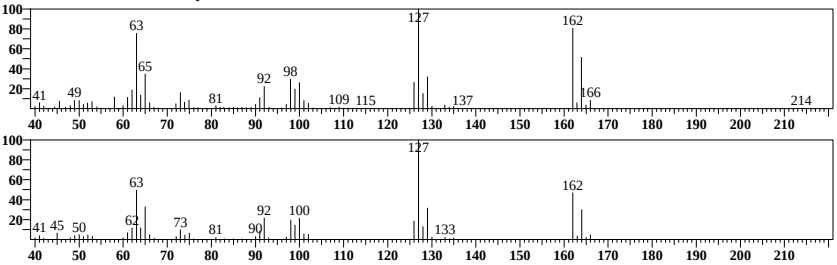
ID#:34 R.Time:12.085(Scan#:1738)
MassPeaks:11
RawMode:Averaged 12.076-12.095(1736-1740)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



ID#:35 R.Time:12.213(Scan#:1763)
MassPeaks:82
RawMode:Averaged 12.203-12.223(1761-1765)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



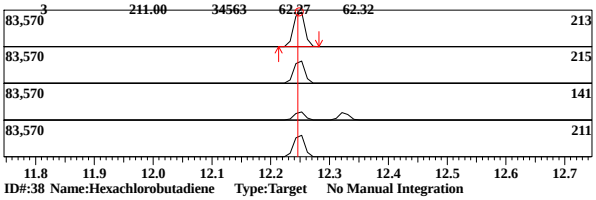
ID#:36 R.Time:12.223(Scan#:1765)
MassPeaks:79
RawMode:Averaged 12.213-12.233(1763-1767)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:37 Name:Hexachloropropene Type:Target No Manual Integration

Mass:213.00 R.T:12.249 Area:106780 Conc:31.49468ppm
Event:1:Scan SI:97

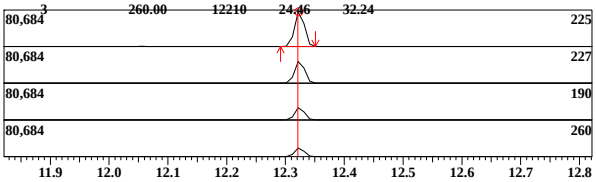
#	m/z	Area	Ratio	Reference
1	215.00	35735	64.39	64.65
2	141.00	12909	23.26	22.52
3	211.00	34563	62.27	62.32



ID#:38 Name:Hexachlorobutadiene Type:Target No Manual Integration

Mass:225.00 R.T:12.323 Area:92720 Conc:29.15326ppm
Event:1:Scan SI:90

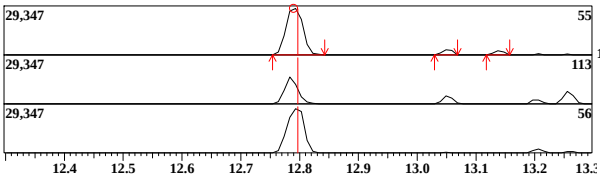
#	m/z	Area	Ratio	Reference
1	227.00	31375	62.86	64.03
2	190.00	17520	35.10	38.21
3	260.00	12210	24.46	32.24



ID#:39 Name:Caprolactam Type:Target No Manual Integration

Mass:55.00 R.T:12.790 Area:57318 Conc:18.99336ppm
Event:1:Scan SI:70

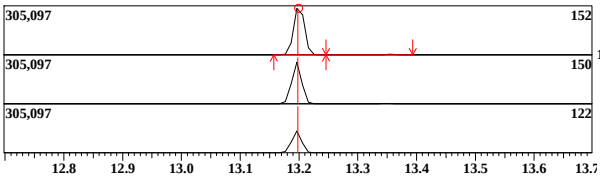
#	m/z	Area	Ratio	Reference
1	113.00	10800	* 42.82	78.00
2	56.00	24294	96.31	79.15



ID#:40 Name:2-Methylnaphthalene-d10 Type:Target No Manual Integration

Mass:152.00 R.T:13.200 Area:394769 Conc:37.16664ppm
Event:2:SIM SI:97

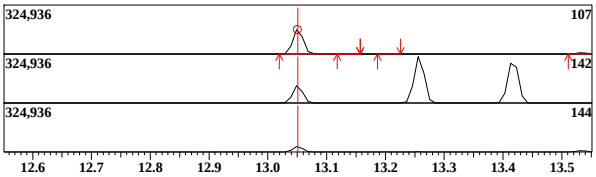
#	m/z	Area	Ratio	Reference
1	150.00	166265	81.02	58.54
2	122.00	88126	42.94	46.34



ID#:41 Name:4-Chloro-3-methylphenol Type:Target No Manual Integration

Mass:107.00 R.T:13.051 Area:211594 Conc:33.14555ppm
Event:1:Scan SI:99

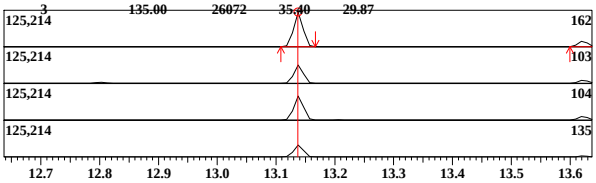
#	m/z	Area	Ratio	Reference
1	142.00	76482	70.03	60.24
2	144.00	24143	22.11	18.55



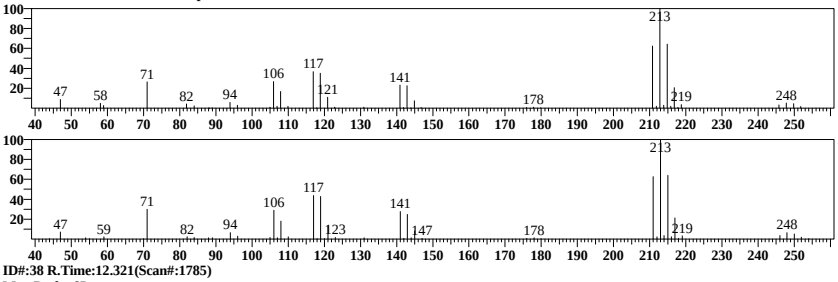
ID#:42 Name:Safrole Type:Target No Manual Integration

Mass:162.00 R.T:13.137 Area:135478 Conc:31.71606ppm
Event:1:Scan SI:97

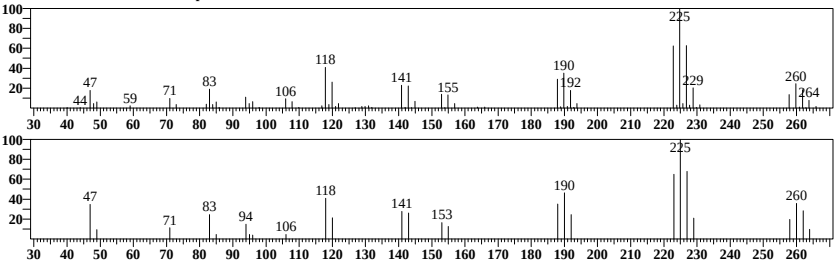
#	m/z	Area	Ratio	Reference
1	103.00	39413	53.51	50.38
2	104.00	52408	71.16	67.22
3	135.00	26072	35.40	29.87



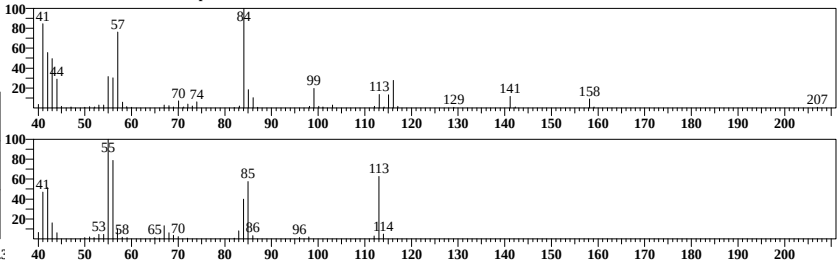
ID#:37 R.Time:12.253(Scan#:1771)
MassPeaks:43
RawMode:Averaged 12.243-12.262(1769-1773)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



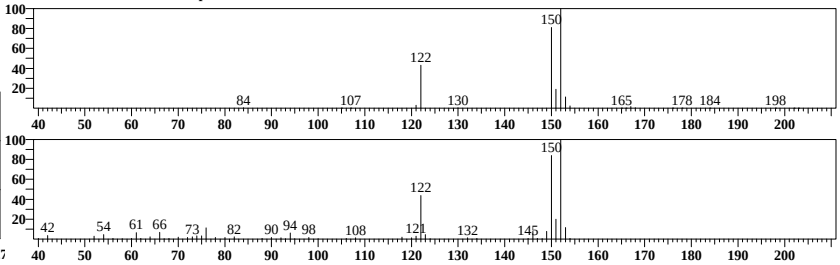
ID#:38 R.Time:12.321(Scan#:1785)
MassPeaks:65
RawMode:Averaged 12.312-12.331(1783-1787)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



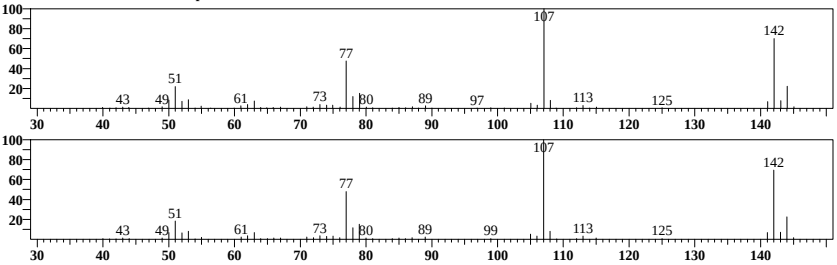
ID#:39 R.Time:12.793(Scan#:1881)
MassPeaks:49
RawMode:Averaged 12.784-12.803(1879-1883)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



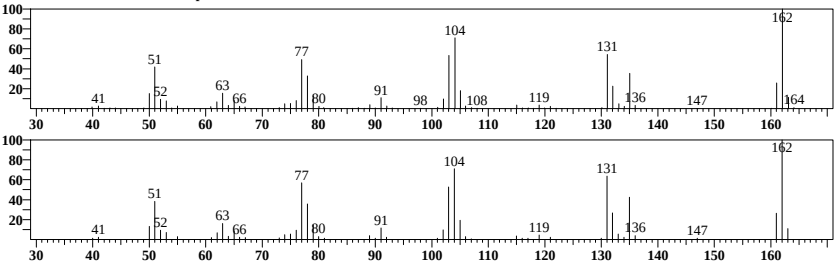
ID#:40 R.Time:13.196(Scan#:1964)
MassPeaks:21
RawMode:Averaged 13.187-13.206(1962-1966)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



ID#:41 R.Time:13.049(Scan#:1933)
MassPeaks:58
RawMode:Averaged 13.039-13.059(1931-1935)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



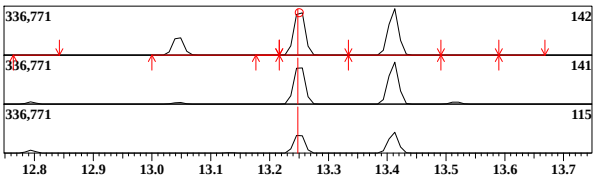
ID#:42 R.Time:13.137(Scan#:1951)
MassPeaks:66
RawMode:Averaged 13.128-13.147(1949-1953)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



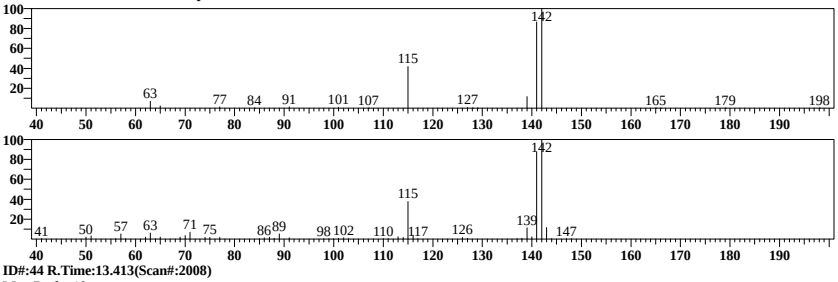
ID#:43 Name:2-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.251 Area:417204 Conc:28.63425ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	141.00	183034	86.61	68.04
2	115.00	88231	41.75	50.52



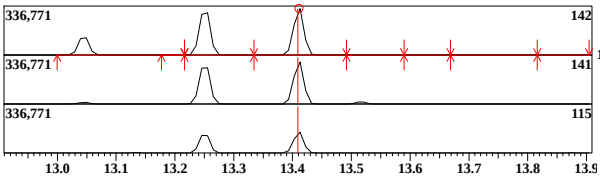
ID#:43 R.Time:13.256(Scan#:1976)
MassPeaks:18
RawMode:Averaged 13.246-13.265(1974-1978)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



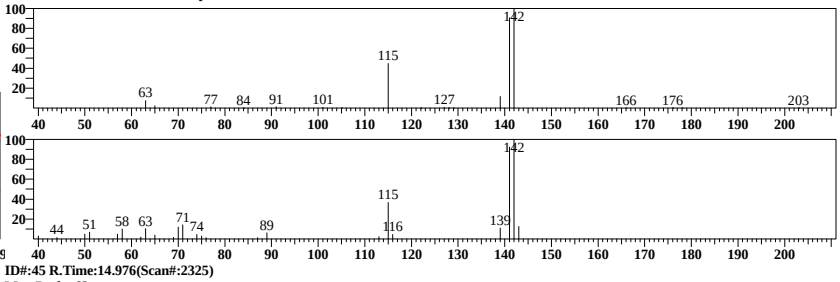
ID#:44 Name:1-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.411 Area:400561 Conc:28.98380ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	141.00	191328	90.56	72.83
2	115.00	94694	44.82	32.61



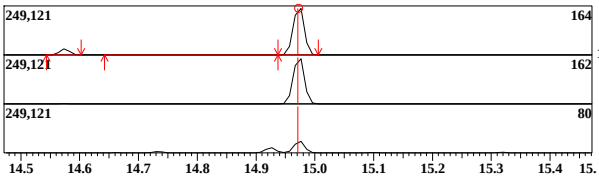
ID#:44 R.Time:13.413(Scan#:2008)
MassPeaks:19
RawMode:Averaged 13.403-13.423(2006-2010)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



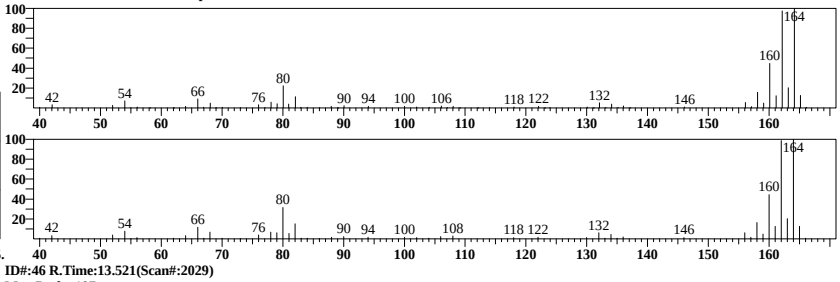
ID#:45 Name:Acenaphthene-d10 (IS) Type:ISTD No Manual Integration

Mass:164.00 R.T:14.973 Area:327106 Conc:40.00000ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	162.00	162986	97.35	95.44
2	80.00	36941	22.06	29.92



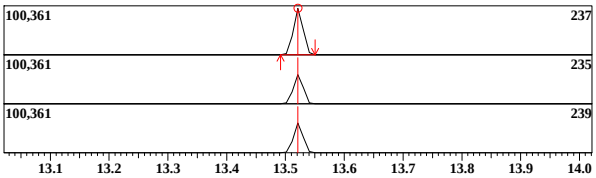
ID#:45 R.Time:14.976(Scan#:2325)
MassPeaks:62
RawMode:Averaged 14.967-14.986(2323-2327)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



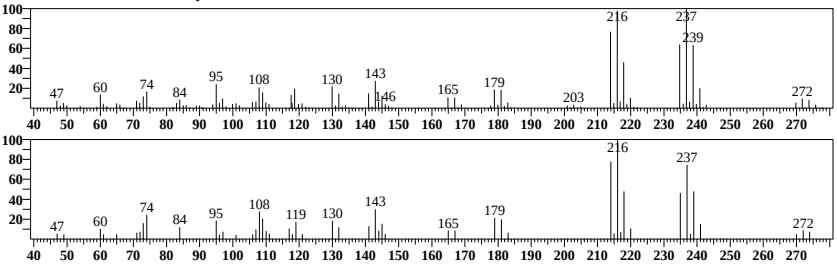
ID#:46 Name:Hexachlorocyclopentadiene Type:Target No Manual Integration

Mass:237.00 R.T:13.521 Area:112588 Conc:32.14751ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	235.00	38867	63.68	58.98
2	239.00	38451	63.00	65.78



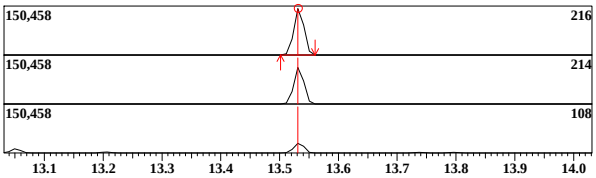
ID#:46 R.Time:13.521(Scan#:2029)
MassPeaks:107
RawMode:Averaged 13.511-13.531(2027-2031)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



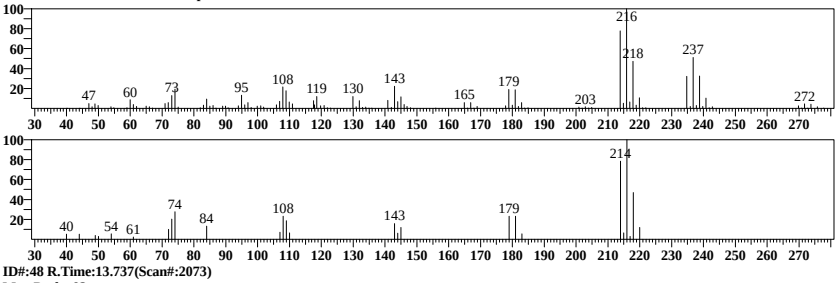
ID#:47 Name:1,2,4,5-Tetrachlorobenzene Type:Target No Manual Integration

Mass:216.00 R.T:13.532 Area:177922 Conc:30.54732ppm
Event:1:Scan SI:74

#	m/z	Area	Ratio	Reference
1	214.00	73866	77.72	78.02
2	108.00	20504	21.57	22.55



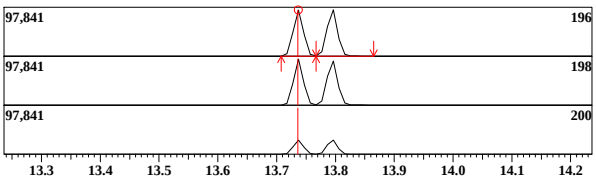
ID#:47 R.Time:13.531(Scan#:2031)
MassPeaks:109
RawMode:Averaged 13.521-13.541(2029-2033)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



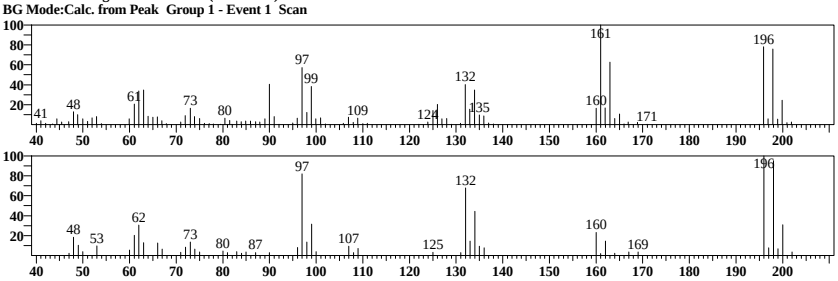
ID#:48 Name:2,4,6-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.737 Area:113032 Conc:32.81816ppm
Event:1:Scan SI:79

#	m/z	Area	Ratio	Reference
1	198.00	57857	96.90	94.42
2	200.00	18628	31.20	32.47



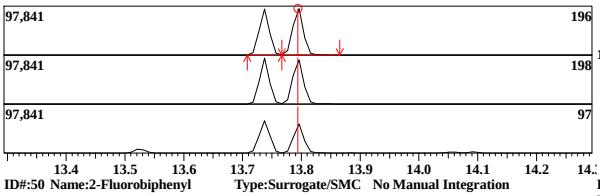
ID#:48 R.Time:13.737(Scan#:2073)
MassPeaks:92
RawMode:Averaged 13.727-13.747(2071-2075)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

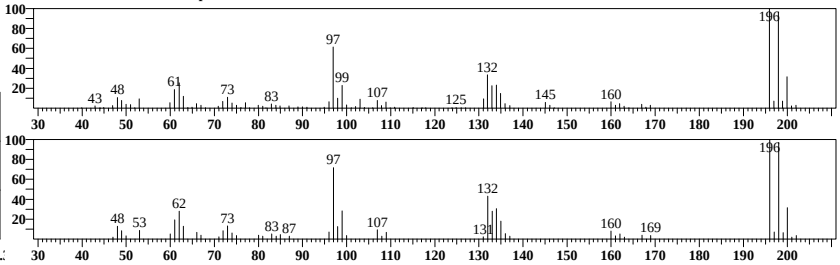


ID#:49 Name:2,4,5-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.795 Area:120371 Conc:32.07029ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	198.00	59794	96.62	97.81
2	97.00	37962	61.34	65.15



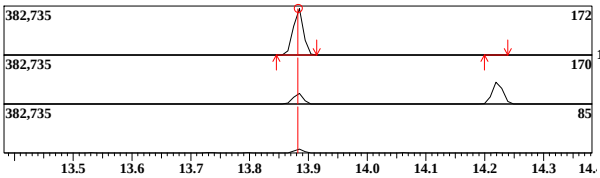


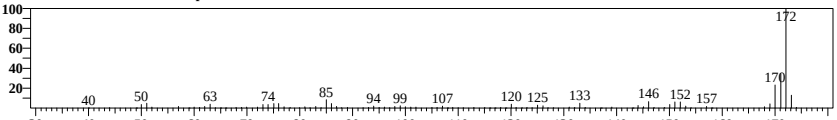
ID#:50 Name:2-Fluorobiphenyl Type:Surrogate/SMC No Manual Integration

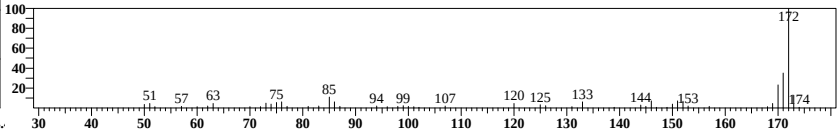
ID#:49 R.Time:13.796(Scan#:2085)
MassPeaks:86
RawMode:Averaged 13.787-13.806(2083-2087)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:172.00 R.T:13.883 Area:441566 Conc:37.22833ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	170.00	54598	23.20	22.48
2	85.00	19408	8.25	9.13





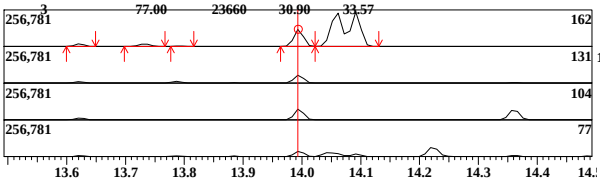


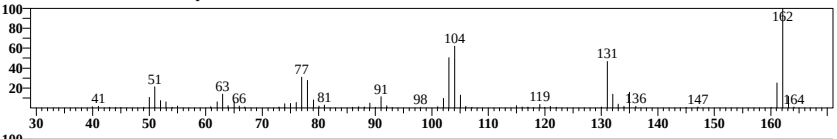
ID#:51 Name:Isosafrole Type:Target No Manual Integration

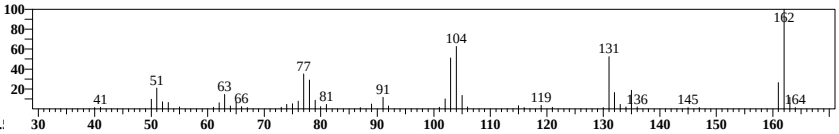
ID#:50 R.Time:13.885(Scan#:2103)
MassPeaks:94
RawMode:Averaged 13.875-13.895(2101-2105)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:162.00 R.T:13.994 Area:142282 Conc:30.55576ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	131.00	35690	46.60	42.54
2	104.00	47572	62.12	57.35
3	77.00	23660	30.90	33.57





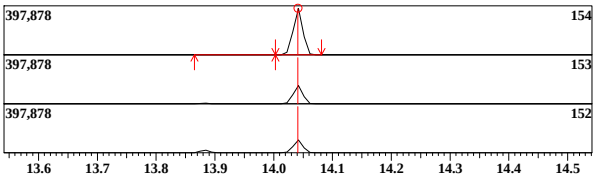


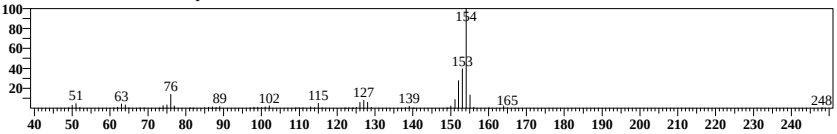
ID#:52 Name:1,1'-Biphenyl Type:Target No Manual Integration

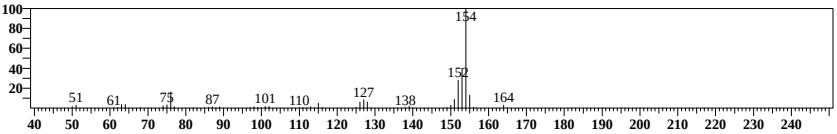
ID#:51 R.Time:13.993(Scan#:2125)
MassPeaks:66
RawMode:Averaged 13.983-14.003(2123-2127)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:154.00 R.T:14.042 Area:441198 Conc:29.89452ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	153.00	94124	39.55	38.49
2	152.00	65479	27.51	28.01





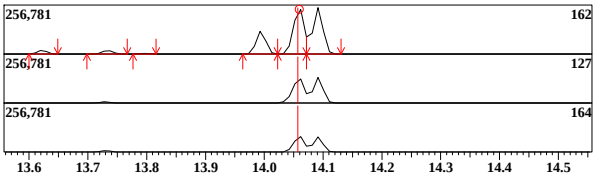


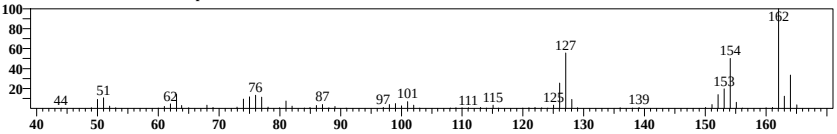
ID#:53 Name:2-Chloronaphthalene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/15/2022

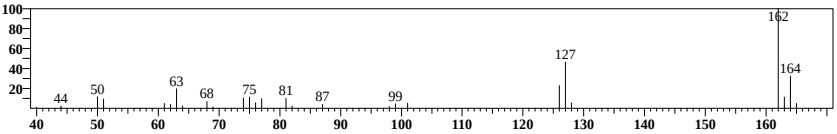
ID#:52 R.Time:14.042(Scan#:2135)
MassPeaks:59
RawMode:Averaged 14.032-14.052(2133-2137)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:162.00 R.T:14.060 Area:324135 Conc:28.31005ppm
Event:1:Scan SI:81

#	m/z	Area	Ratio	Reference
1	127.00	53209	55.58	48.49
2	164.00	31903	33.33	32.94





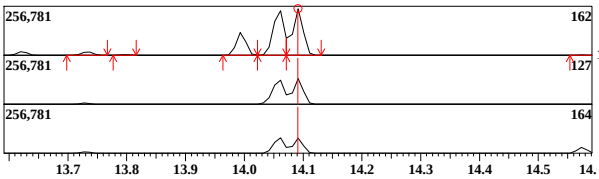


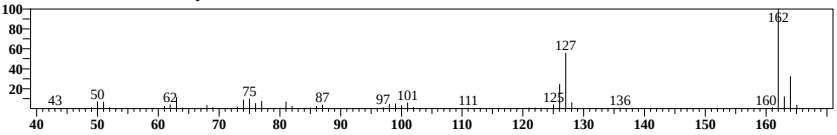
ID#:54 Name:1-Chloronaphthalene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/15/2022

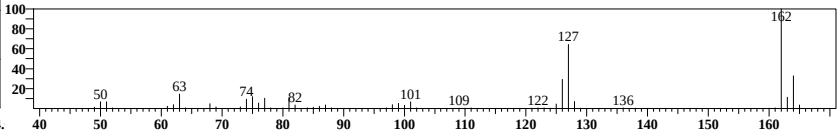
ID#:53 R.Time:14.062(Scan#:2139)
MassPeaks:71
RawMode:Averaged 14.052-14.072(2137-2141)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:162.00 R.T:14.091 Area:286137 Conc:31.92729ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	127.00	54044	55.62	48.49
2	164.00	31284	32.20	32.94





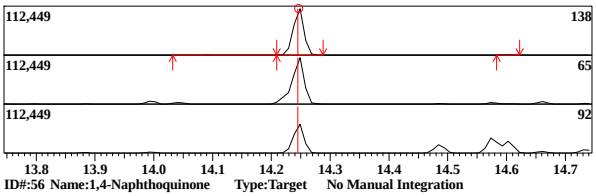


ID#:54 R.Time:14.091(Scan#:2145)
MassPeaks:55
RawMode:Averaged 14.082-14.101(2143-2147)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

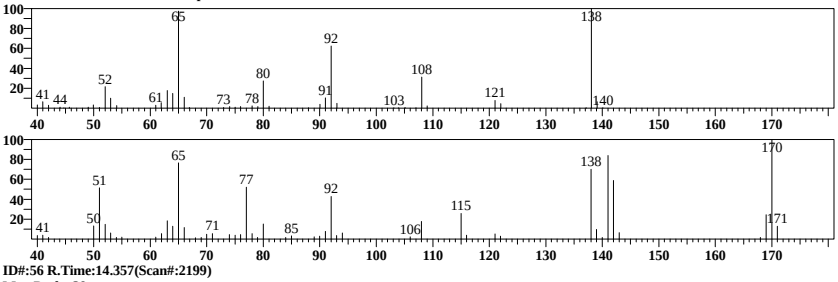
ID#:55 Name:2-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.247 Area:137092 Conc:33.26403ppm
Event:1:Scan SI:60

#	m/z	Area	Ratio	Reference
1	65.00	68734	97.34	101.46
2	92.00	44043	62.38	55.64



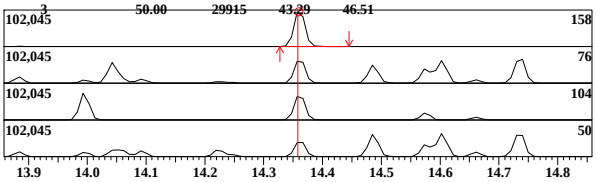
ID#:55 R.Time:14.249(Scan#:2177)
MassPeaks:44
RawMode:Averaged 14.239-14.259(2175-2179)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



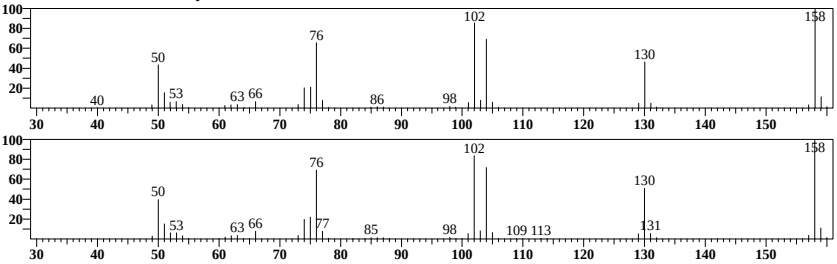
ID#:56 Name:1,4-Naphthoquinone Type:Target No Manual Integration

Mass:158.00 R.T:14.360 Area:136532 Conc:29.97524ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	76.00	45439	65.75	68.34
2	104.00	47717	69.05	74.24
3	50.00	29915	43.29	46.51



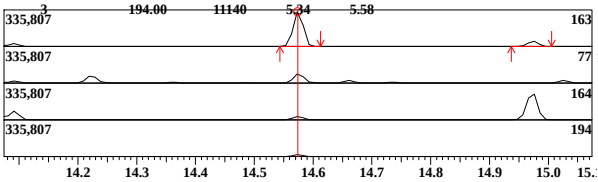
ID#:56 R.Time:14.357(Scan#:2199)
MassPeaks:39
RawMode:Averaged 14.347-14.367(2197-2201)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



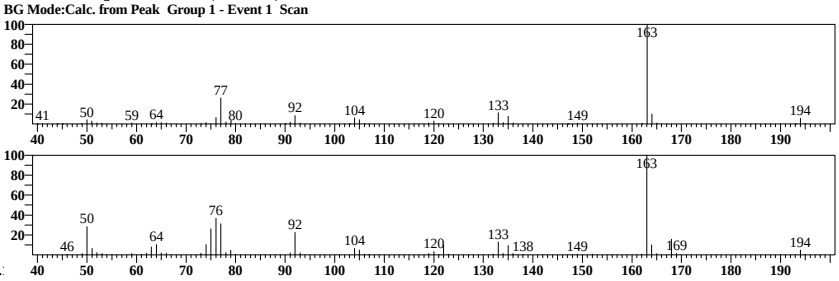
ID#:57 Name:Dimethyl phthalate Type:Target No Manual Integration

Mass:163.00 R.T:14.574 Area:386881 Conc:32.44706ppm
Event:1:Scan SI:81

#	m/z	Area	Ratio	Reference
1	77.00	54582	26.14	29.31
2	164.00	20853	9.99	10.65
3	194.00	11140	5.34	5.58



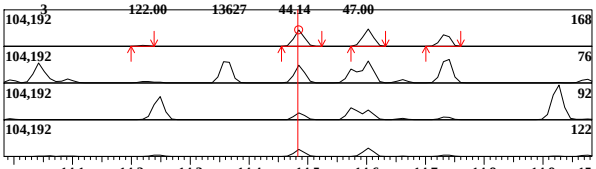
ID#:57 R.Time:14.573(Scan#:2243)
MassPeaks:47
RawMode:Averaged 14.563-14.583(2241-2245)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



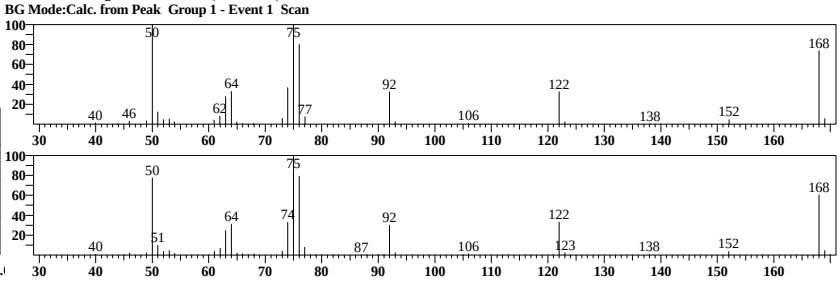
ID#:58 Name:1,3-Dinitrobenzene Type:Target No Manual Integration

Mass:168.00 R.T:14.485 Area:58999 Conc:33.56582ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	76.00	33535	108.62	100.00
2	92.00	13616	44.10	44.00
3	122.00	13627	44.14	47.00



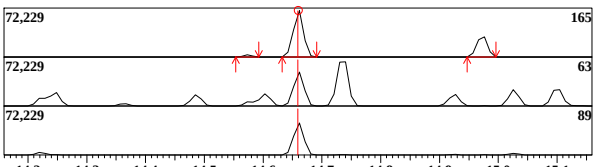
ID#:58 R.Time:14.485(Scan#:2225)
MassPeaks:30
RawMode:Averaged 14.475-14.495(2223-2227)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



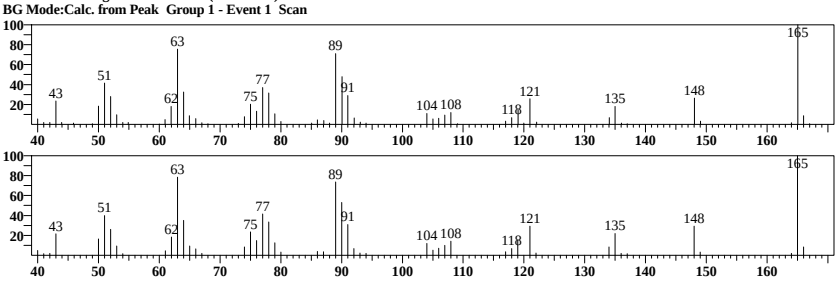
ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT) Type:Target No Manual Integration

Mass:165.00 R.T:14.660 Area:84696 Conc:33.12911ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	63.00	33800	75.53	89.00
2	89.00	31748	70.94	65.00



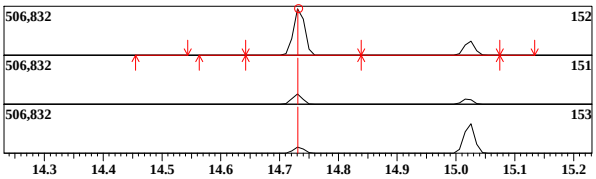
ID#:59 R.Time:14.662(Scan#:2261)
MassPeaks:62
RawMode:Averaged 14.652-14.672(2259-2263)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



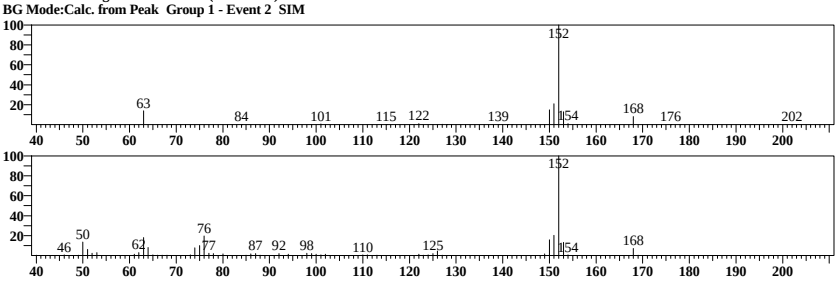
ID#:60 Name:Acenaphthylene Type:Target No Manual Integration

Mass:152.00 R.T:14.733 Area:658817 Conc:32.93472ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	151.00	71579	20.81	14.97
2	153.00	44071	12.81	5.44



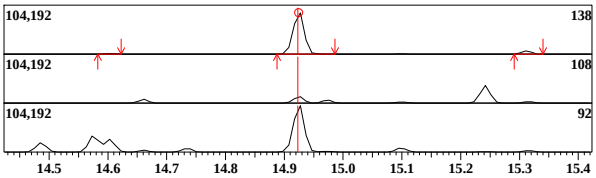
ID#:60 R.Time:14.731(Scan#:2276)
MassPeaks:20
RawMode:Averaged 14.721-14.740(2274-2278)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



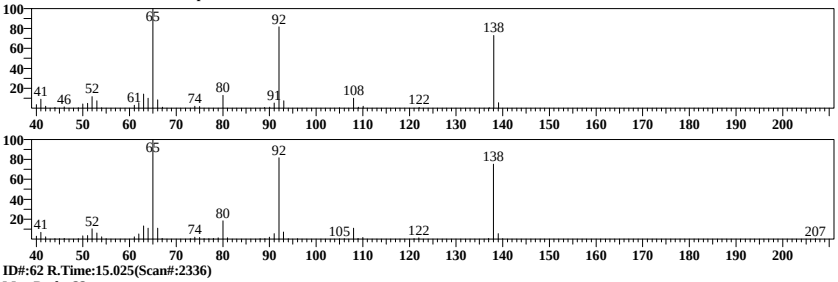
ID#:61 Name:3-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.925 Area:120083 Conc:35.00654ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	108.00	8442	13.87	16.00
2	92.00	68149	111.96	101.00



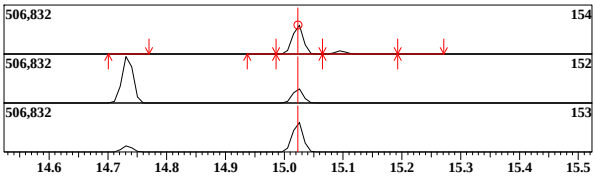
ID#:61 R.Time:14.927(Scan#:2315)
MassPeaks:34
RawMode:Averaged 14.917-14.937(2313-2317)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



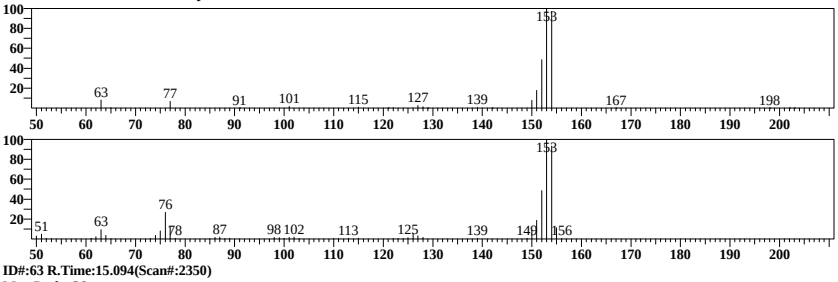
ID#:62 Name:Acenaphthene Type:Target No Manual Integration

Mass:154.00 R.T:15.023 Area:388352 Conc:29.25599ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	152.00	101416	49.84	59.49
2	153.00	209264	102.83	105.06



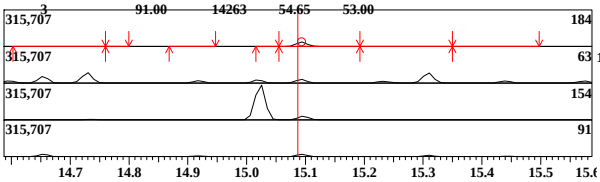
ID#:62 R.Time:15.025(Scan#:2336)
MassPeaks:22
RawMode:Averaged 15.016-15.035(2334-2338)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



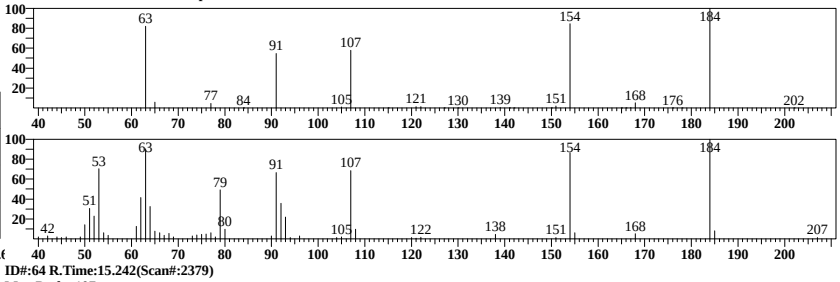
ID#:63 Name:2,4-Dinitrophenol Type:Target No Manual Integration

Mass:184.00 R.T:15.094 Area:52774 Conc:36.08168ppm
Event:2:SIM SI:96

#	m/z	Area	Ratio	Reference
1	63.00	21374	81.90	90.00
2	154.00	22101	84.69	64.00
3	91.00	14263	54.65	53.00



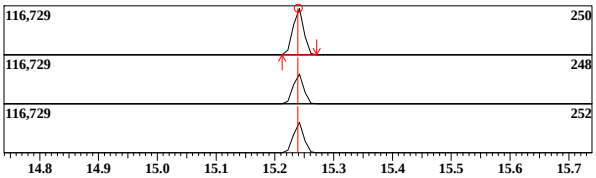
ID#:63 R.Time:15.094(Scan#:2350)
MassPeaks:26
RawMode:Averaged 15.085-15.104(2348-2352)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



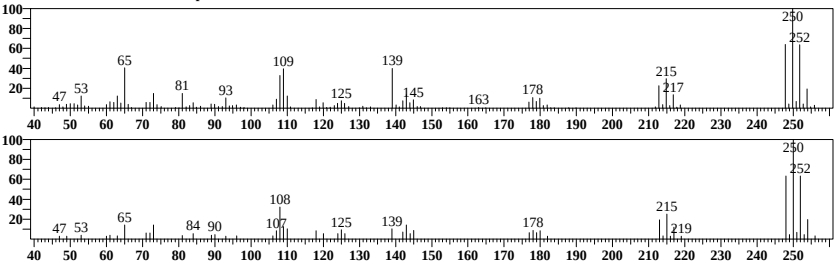
ID#:64 Name:Pentachlorobenzene Type:Target No Manual Integration

Mass:250.00 R.T:15.240 Area:142897 Conc:31.73971ppm
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	248.00	48343	64.07	63.33
2	252.00	48136	63.80	65.87



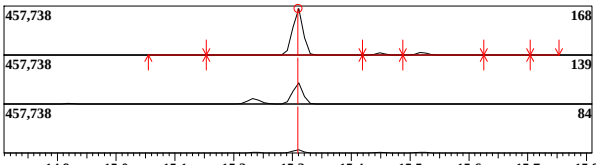
ID#:64 R.Time:15.242(Scan#:2379)
MassPeaks:107
RawMode:Averaged 15.232-15.252(2377-2381)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



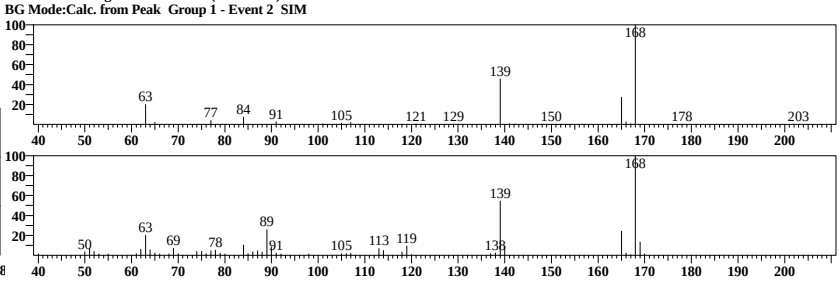
ID#:65 Name:Dibenzofuran Type:Target No Manual Integration

Mass:168.00 R.T:15.309 Area:544851 Conc:30.67092ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	139.00	130879	45.58	44.93
2	84.00	21438	7.47	10.15



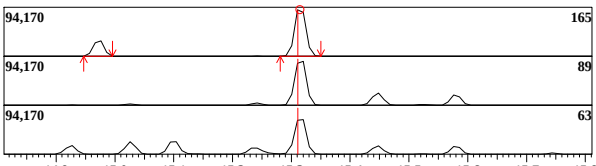
ID#:65 R.Time:15.311(Scan#:2394)
MassPeaks:26
RawMode:Averaged 15.301-15.320(2392-2396)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



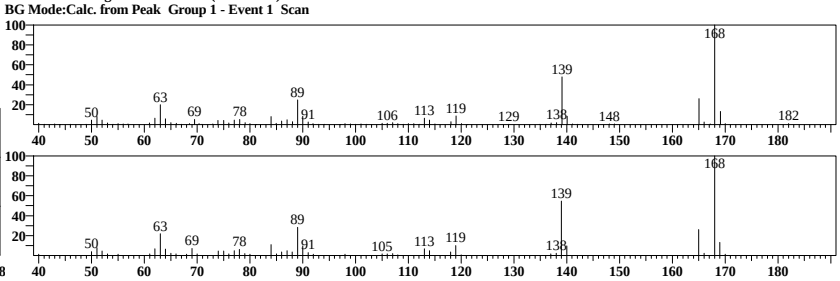
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT) Type:Target No Manual Integration

Mass:165.00 R.T:15.315 Area:127286 Conc:34.50998ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	89.00	62196	95.44	96.00
2	63.00	49501	75.96	80.00



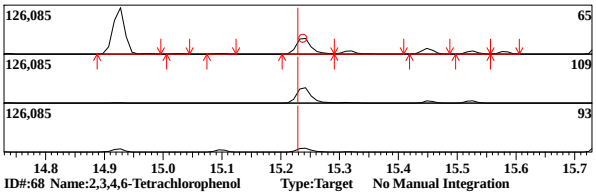
ID#:66 R.Time:15.311(Scan#:2393)
MassPeaks:84
RawMode:Averaged 15.301-15.320(2391-2395)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



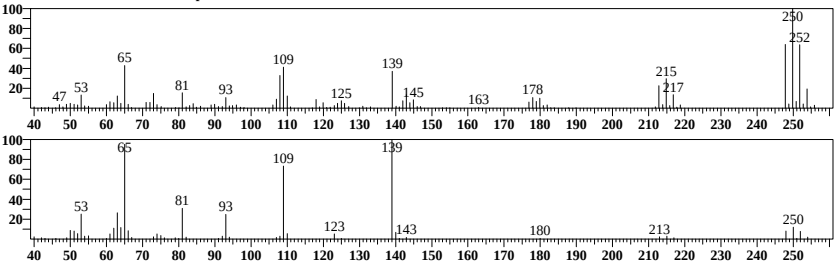
ID#:67 Name:4-Nitrophenol Type:Target No Manual Integration

Mass:65.00 R.T:15.238 Area:74031 Conc:29.08503ppm
Event:1:Scan SI:64

#	m/z	Area	Ratio	Reference
1	109.00	31061	96.46	97.00
2	93.00	8106	25.17	21.72



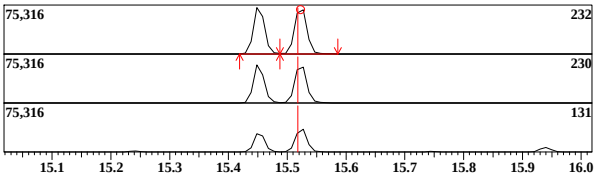
ID#:67 R.Time:15.242(Scan#:2379)
MassPeaks:106
RawMode:Averaged 15.232-15.252(2377-2381)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



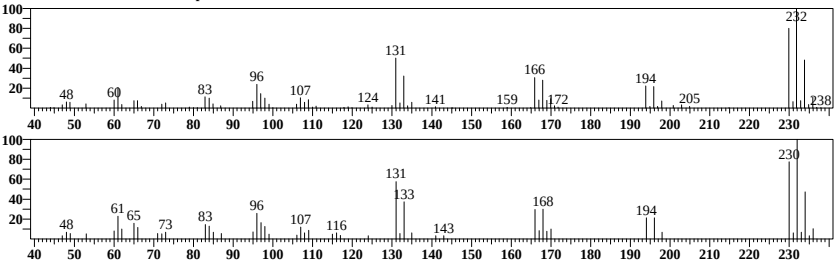
ID#:68 Name:2,3,4,6-Tetrachlorophenol Type:Target No Manual Integration

Mass:232.00 R.T:15.523 Area:104636 Conc:32.96942ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	230.00	40540	80.09	75.09
2	131.00	25319	50.02	41.75



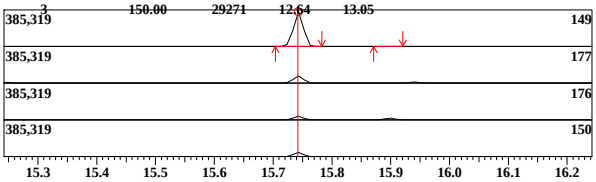
ID#:68 R.Time:15.527(Scan#:2437)
MassPeaks:73
RawMode:Averaged 15.517-15.537(2435-2439)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



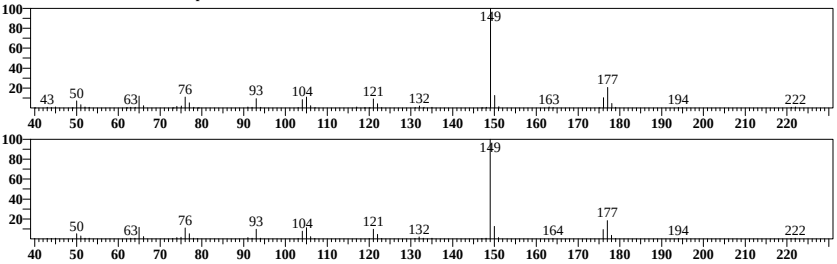
ID#:69 Name:Diethyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:15.743 Area:430669 Conc:33.15935ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	177.00	47733	20.61	23.56
2	176.00	23527	10.16	10.95
3	150.00	29271	12.64	13.05



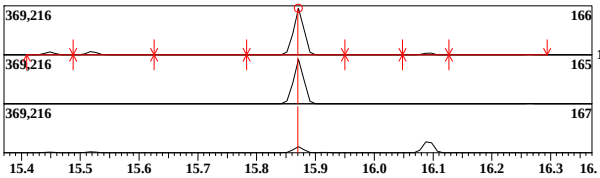
ID#:69 R.Time:15.743(Scan#:2481)
MassPeaks:56
RawMode:Averaged 15.733-15.753(2479-2483)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



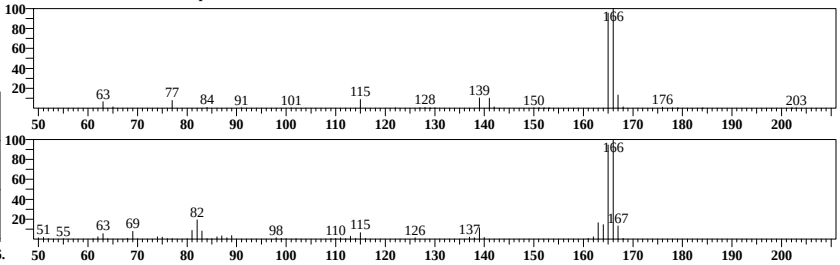
ID#:70 Name:Fluorene Type:Target No Manual Integration

Mass:166.00 R.T:15.871 Area:438866 Conc:30.40407ppm
Event:2:SIM SI:96

#	m/z	Area	Ratio	Reference
1	165.00	222128	95.61	75.42
2	167.00	30679	13.21	3.39



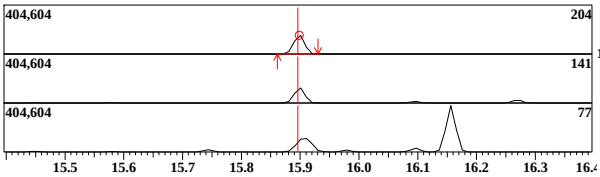
ID#:70 R.Time:15.871(Scan#:2508)
MassPeaks:29
RawMode:Averaged 15.861-15.881(2506-2510)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



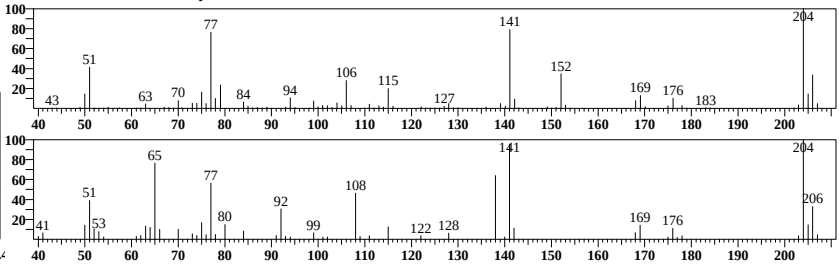
ID#:71 Name:4-Chlorophenyl phenyl ether Type:Target No Manual Integration

Mass:204.00 R.T:15.899 Area:206728 Conc:32.17122ppm
Event:1:Scan SI:68

#	m/z	Area	Ratio	Reference
1	141.00	85285	79.15	98.00
2	77.00	82358	76.44	53.19



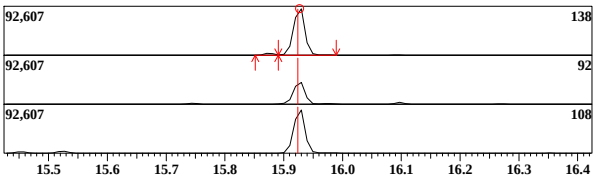
ID#:71 R.Time:15.901(Scan#:2513)
MassPeaks:87
RawMode:Averaged 15.891-15.911(2511-2515)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



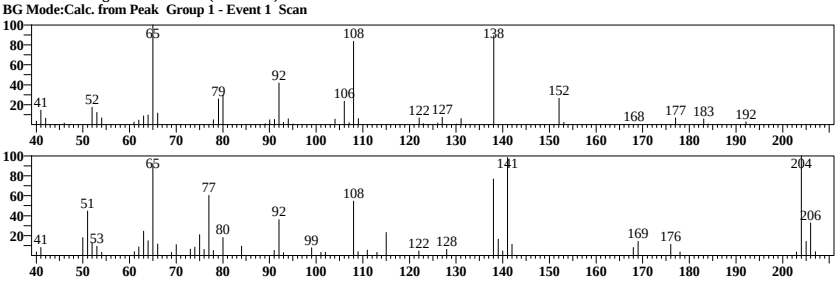
ID#:72 Name:4-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:15.927 Area:123451 Conc:38.66456ppm
Event:1:Scan SI:51

#	m/z	Area	Ratio	Reference
1	92.00	28380	46.80	64.55
2	108.00	56577	93.30	83.01



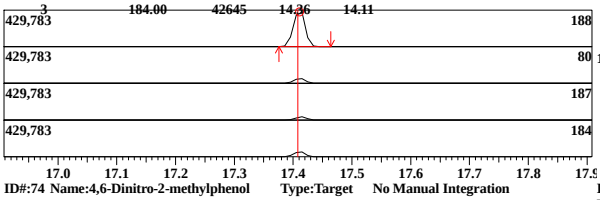
ID#:72 R.Time:15.930(Scan#:2519)
MassPeaks:48
RawMode:Averaged 15.920-15.940(2517-2521)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:73 Name:Phenanthrene-d10 (IS) Type:ISTD No Manual Integration

Mass:188.00 R.T:17.411 Area:606999 Conc:40.00000ppm
Event:1:Scan SI:97

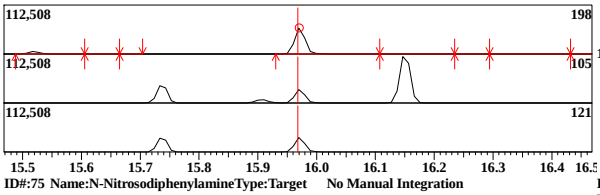
#	m/z	Area	Ratio	Reference
1	80.00	39361	13.26	15.93
2	187.00	27958	9.42	10.00
3	184.00	42645	14.36	14.11



ID#:74 Name:4,6-Dinitro-2-methylphenol Type:Target No Manual Integration

Mass:198.00 R.T:15.971 Area:78298 Conc:39.45331ppm
Event:2:SIM SI:68

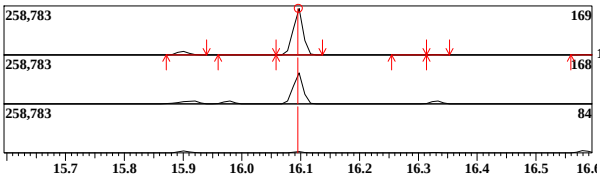
#	m/z	Area	Ratio	Reference
1	105.00	20070	50.24	55.83
2	121.00	21987	55.04	44.01



ID#:75 Name:N-NitrosodiphenylamineType:Target No Manual Integration

Mass:169.00 R.T:16.096 Area:289782 Conc:27.59475ppm
Event:1:Scan SI:97

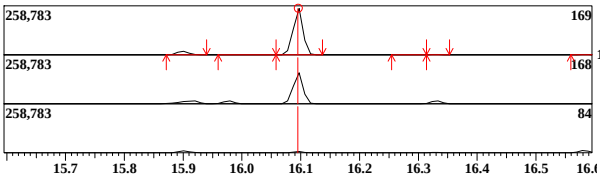
#	m/z	Area	Ratio	Reference
1	168.00	103518	67.31	64.38
2	84.00	4957	3.22	2.92



ID#:76 Name:Diphenylamine Type:Target No Manual Integration

Mass:169.00 R.T:16.096 Area:289782 Conc:27.59475ppm
Event:1:Scan SI:97

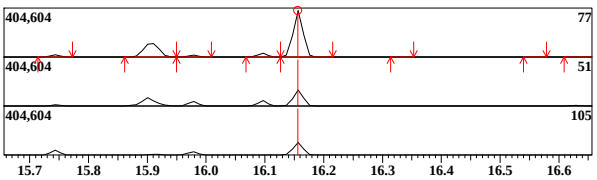
#	m/z	Area	Ratio	Reference
1	168.00	103518	67.31	64.38
2	84.00	4957	3.22	2.92



ID#:77 Name:1,2-Diphenylhydrazine Type:Target No Manual Integration

Mass:77.00 R.T:16.156 Area:459266 Conc:32.66345ppm
Event:1:Scan SI:96

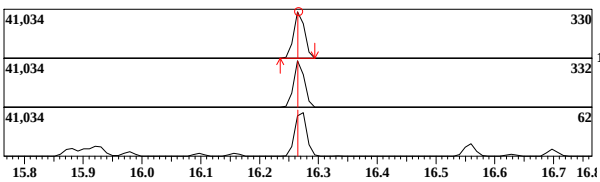
#	m/z	Area	Ratio	Reference
1	51.00	85947	34.88	21.73
2	105.00	66983	27.18	6.07



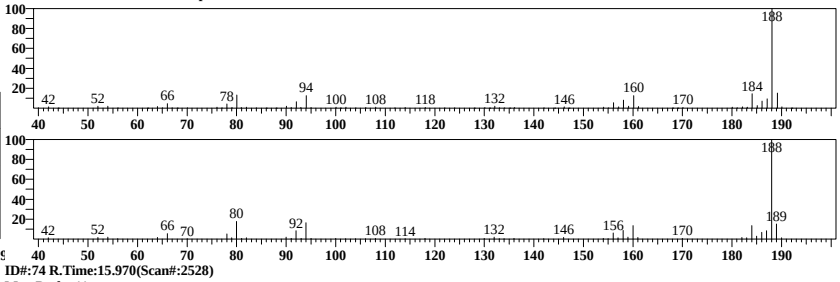
ID#:78 Name:2,4,6-Tribromophenol Type:Surrogate/SMC No Manual Integration

Mass:330.00 R.T:16.267 Area:51093 Conc:37.64346ppm
Event:1:Scan SI:70

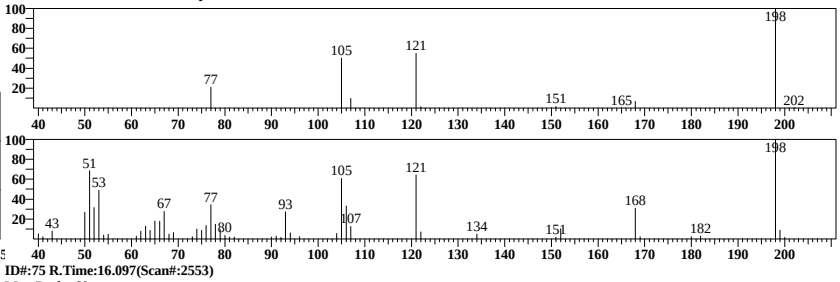
#	m/z	Area	Ratio	Reference
1	332.00	26143	97.58	100.00
2	62.00	25699	95.92	97.00



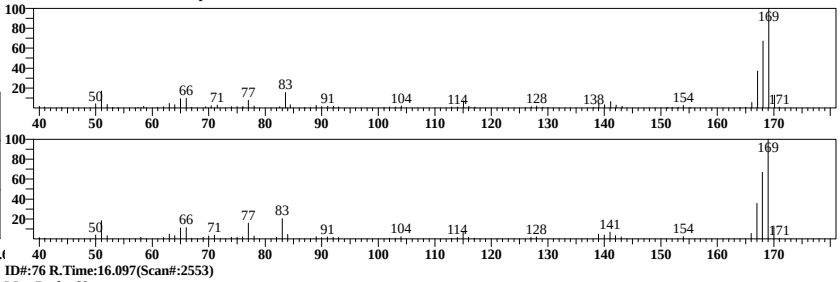
ID#:73 R.Time:17.415(Scan#:2821)
MassPeaks:75
RawMode:Averaged 17.405-17.425(2819-2823)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



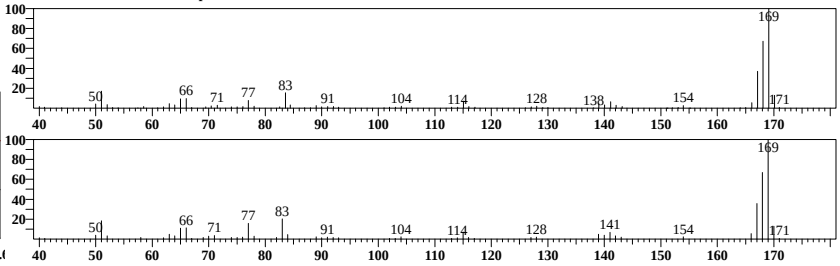
ID#:74 R.Time:15.970(Scan#:2528)
MassPeaks:11
RawMode:Averaged 15.960-15.979(2526-2530)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



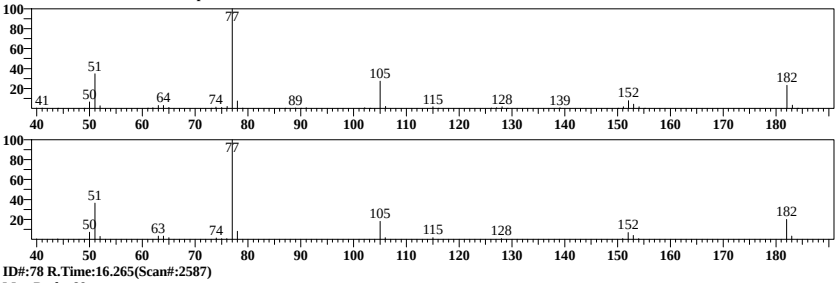
ID#:75 R.Time:16.097(Scan#:2553)
MassPeaks:68
RawMode:Averaged 16.087-16.107(2551-2555)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



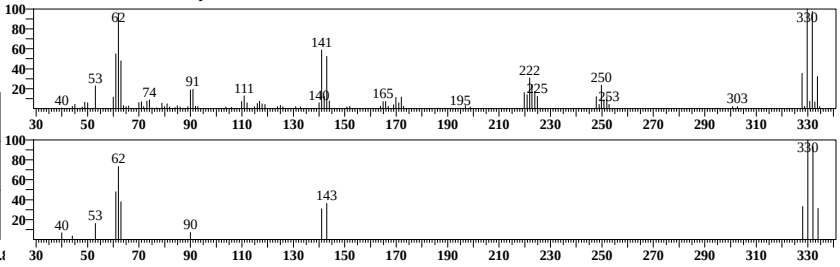
ID#:76 R.Time:16.097(Scan#:2553)
MassPeaks:68
RawMode:Averaged 16.087-16.107(2551-2555)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:77 R.Time:16.156(Scan#:2565)
MassPeaks:43
RawMode:Averaged 16.147-16.166(2563-2567)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



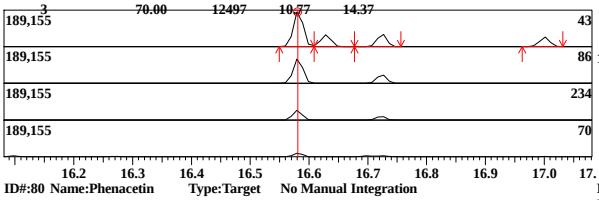
ID#:78 R.Time:16.265(Scan#:2587)
MassPeaks:89
RawMode:Averaged 16.255-16.274(2585-2589)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

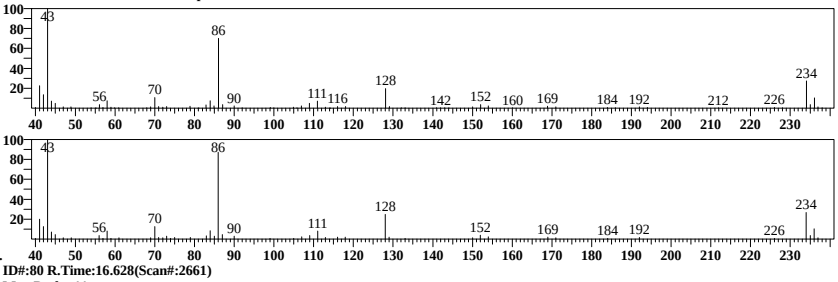


ID#:79 Name:(cis/trans)-Diallate Type:Target No Manual Integration

Mass:43.00 R.T:16.581 Area:224541 Conc:33.84674ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	86.00	81313	70.07	76.79
2	234.00	31776	27.38	26.39
3	70.00	12497	10.77	14.37



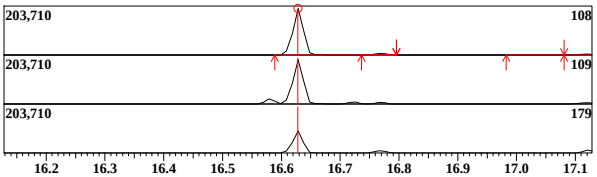


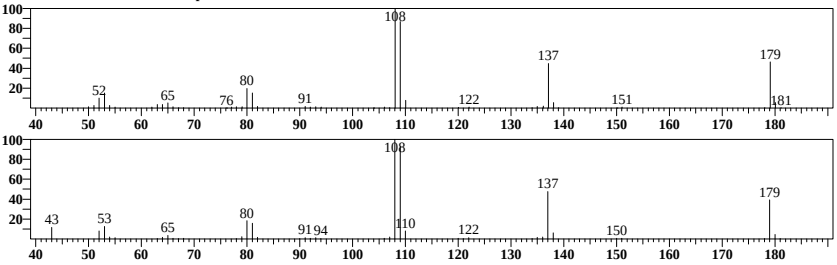
ID#:79 R.Time:16.579(Scan#:2651)
MassPeaks:68
RawMode:Averaged 16.569-16.589(2649-2653)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:80 Name:Phenacetin Type:Target No Manual Integration

Mass:108.00 R.T:16.628 Area:249194 Conc:36.15457ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	109.00	110657	86.81	83.01
2	179.00	59083	46.35	44.31



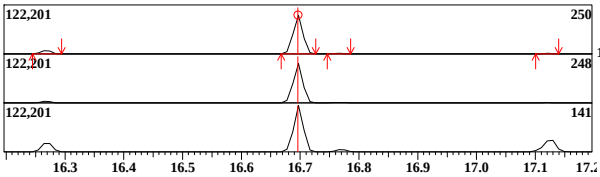


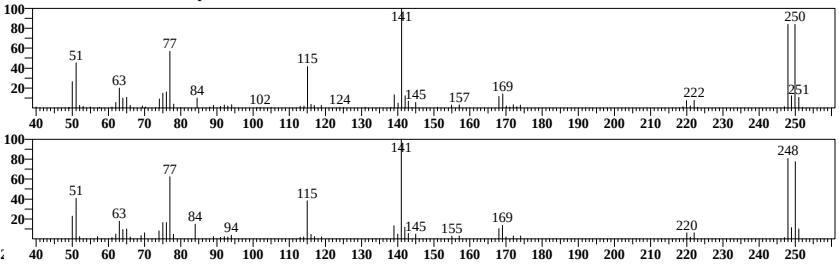
ID#:80 R.Time:16.628(Scan#:2661)
MassPeaks:44
RawMode:Averaged 16.619-16.638(2659-2663)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:81 Name:4-Bromophenyl phenyl ether Type:Target No Manual Integration

Mass:250.00 R.T:16.697 Area:114362 Conc:32.81249ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	248.00	61343	99.92	105.86
2	141.00	73170	119.19	137.00



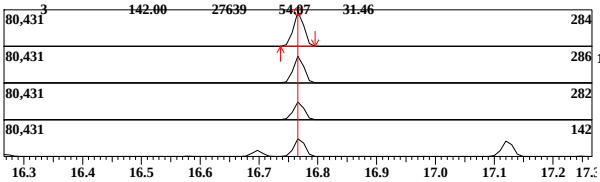


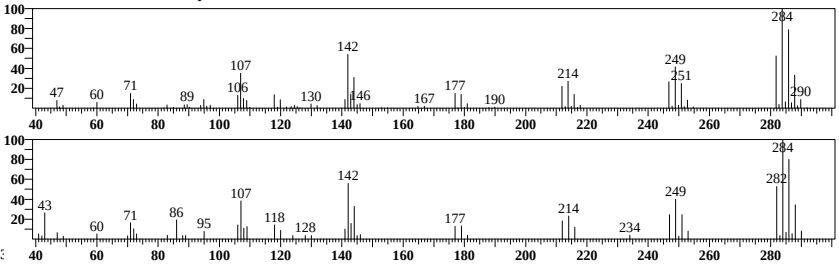
ID#:81 R.Time:16.697(Scan#:2675)
MassPeaks:71
RawMode:Averaged 16.687-16.707(2673-2677)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:82 Name:Hexachlorobenzene Type:Target No Manual Integration

Mass:284.00 R.T:16.767 Area:96536 Conc:30.38686ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	286.00	40324	78.89	79.72
2	282.00	26843	52.52	51.93
3	142.00	27639	54.07	31.46



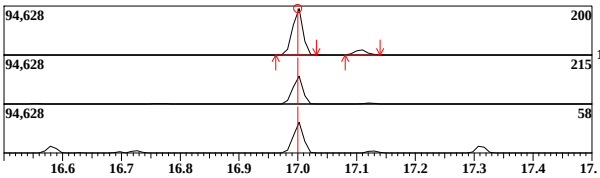


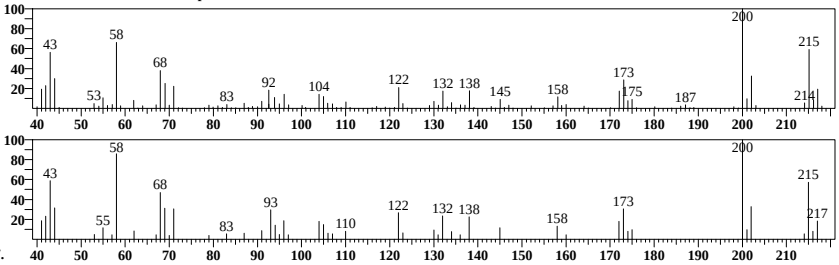
ID#:82 R.Time:16.766(Scan#:2689)
MassPeaks:75
RawMode:Averaged 16.756-16.776(2687-2691)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:83 Name:Atrazine Type:Target No Manual Integration

Mass:200.00 R.T:17.000 Area:111317 Conc:31.69594ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	215.00	34451	59.10	59.43
2	58.00	38572	66.17	64.00



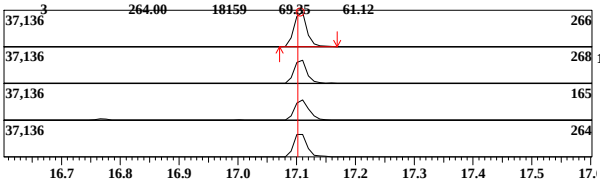


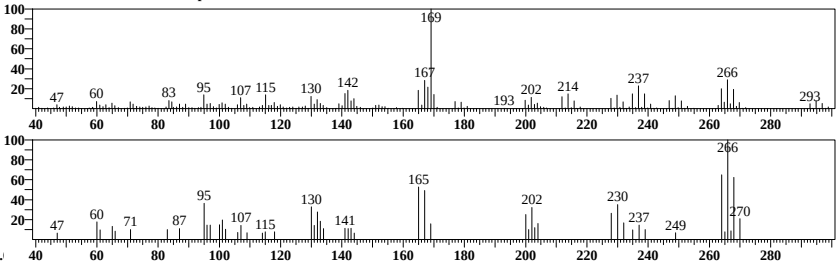
ID#:83 R.Time:17.002(Scan#:2737)
MassPeaks:108
RawMode:Averaged 16.992-17.012(2735-2739)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:84 Name:Pentachlorophenol Type:Target No Manual Integration

Mass:266.00 R.T:17.107 Area:55707 Conc:33.32356ppm
Event:1:Scan SI:65

#	m/z	Area	Ratio	Reference
1	268.00	17523	66.92	59.97
2	165.00	16501	63.02	41.42
3	264.00	18159	69.35	61.12



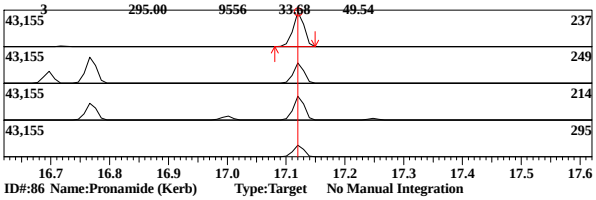


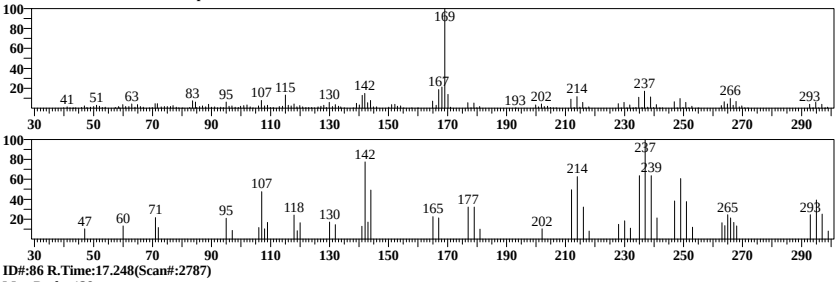
ID#:84 R.Time:17.110(Scan#:2759)
MassPeaks:174
RawMode:Averaged 17.100-17.120(2757-2761)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:85 Name:Pentachloronitrobenzene Type:Target No Manual Integration

Mass:237.00 R.T:17.121 Area:55056 Conc:33.19292ppm
Event:1:Scan SI:55

#	m/z	Area	Ratio	Reference
1	249.00	16129	56.84	68.26
2	214.00	19297	68.01	62.54
3	295.00	9556	33.68	49.54

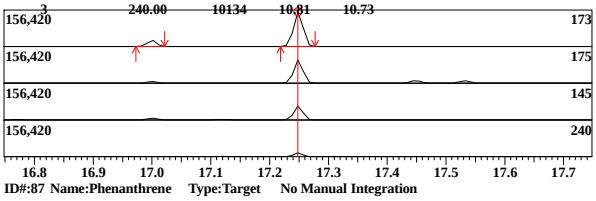


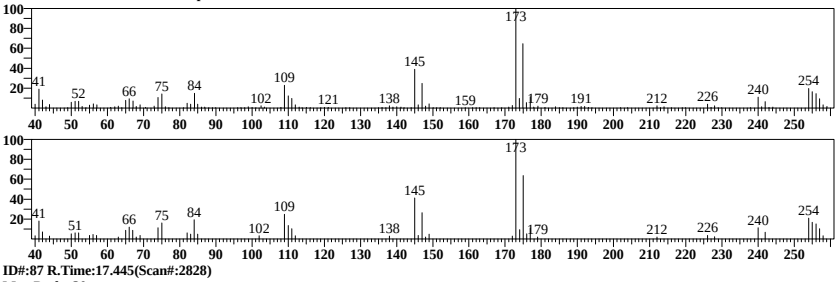


ID#:86 Name:Pronamide (Kerb) Type:Target No Manual Integration

Mass:173.00 R.T:17.248 Area:173535 Conc:33.78502ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	175.00	60574	64.59	60.85
2	145.00	36482	38.90	30.82
3	240.00	10134	10.81	10.73

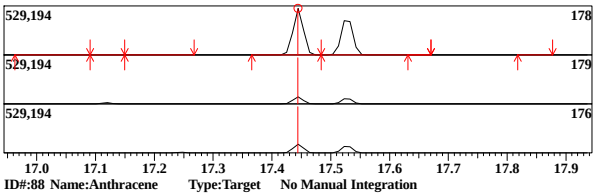


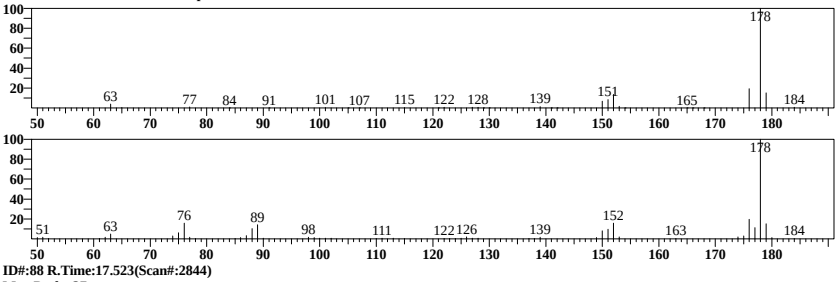


ID#:87 Name:Phenanthrene Type:Target No Manual Integration

Mass:178.00 R.T:17.445 Area:627300 Conc:31.15552ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	179.00	50693	15.24	15.63
2	176.00	63862	19.21	18.75

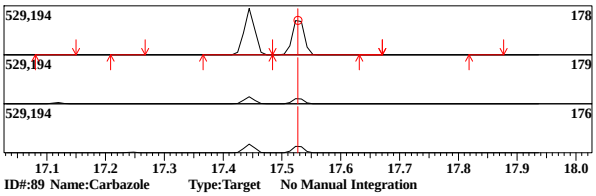


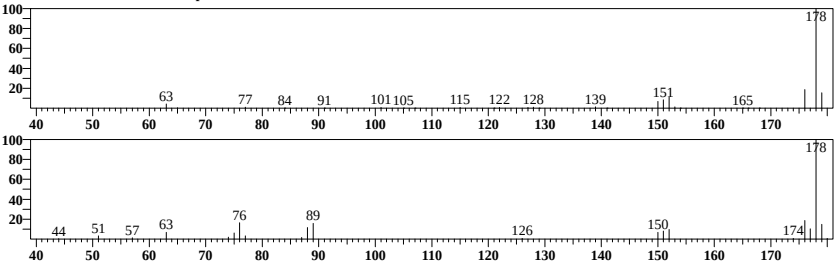


ID#:88 Name:Anthracene Type:Target No Manual Integration

Mass:178.00 R.T:17.528 Area:551706 Conc:26.23638ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	179.00	42466	15.37	12.08
2	176.00	51408	18.60	20.60

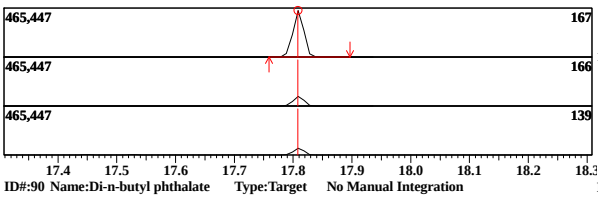


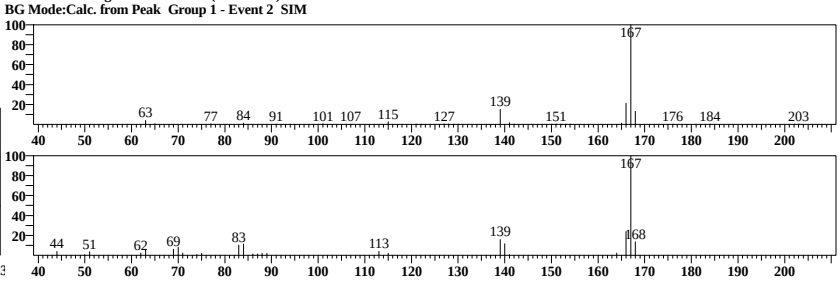


ID#:89 Name:Carbazole Type:Target No Manual Integration

Mass:167.00 R.T:17.809 Area:581208 Conc:31.05473ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	166.00	64451	21.26	20.96
2	139.00	46077	15.20	12.92

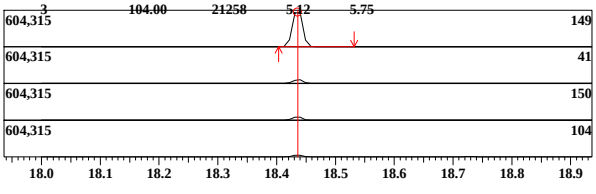


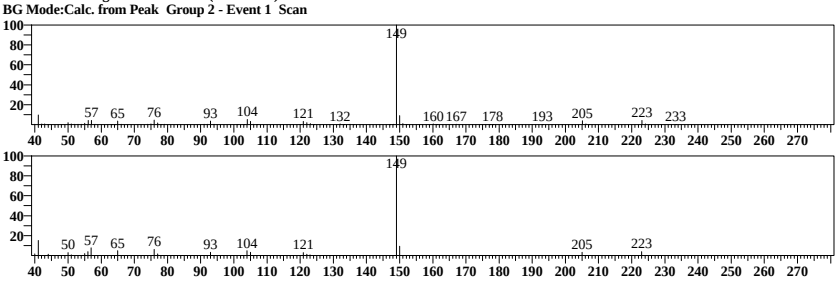


ID#:90 Name:Di-n-butyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:18.436 Area:764092 Conc:34.61899ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	41.00	40436	9.73	10.41
2	150.00	37277	8.97	8.84
3	104.00	21258	5.12	5.75

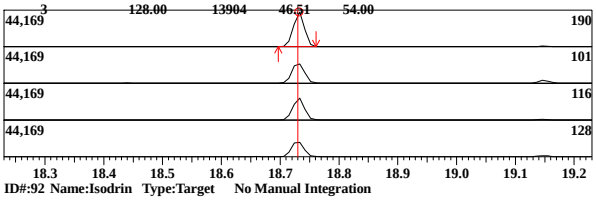




ID#:91 Name:4-Nitroquinoline-N-Oxide Type:Target No Manual Integration

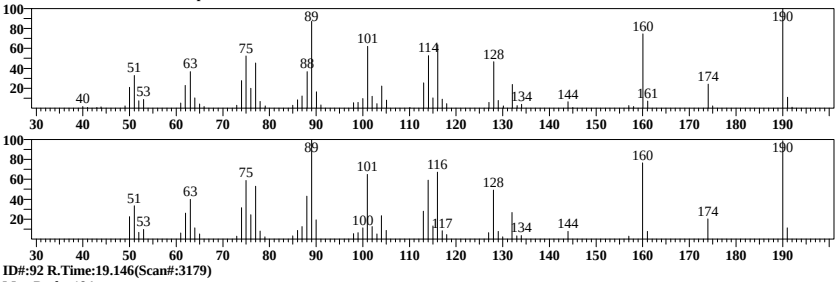
Mass:190.00 R.T:18.732 Area:54968 Conc:37.65450ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	101.00	18556	62.07	71.00
2	116.00	19012	63.59	70.00
3	128.00	13904	46.51	54.00



ID#:92 Name:Isodrin Type:Target No Manual Integration

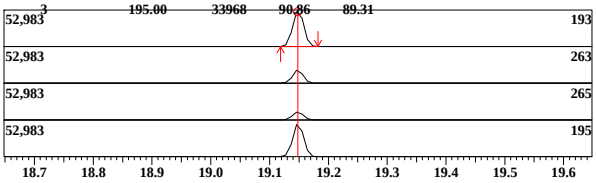
ID#:91 R.Time:18.733(Scan#:3089)
MassPeaks:62
RawMode:Averaged 18.724-18.743(3087-3091)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



ID#:92 R.Time:19.146(Scan#:3179)
MassPeaks:194
RawMode:Averaged 19.137-19.155(3177-3181)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan

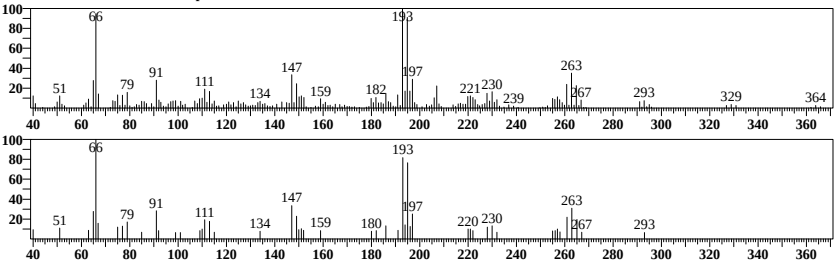
Mass:193.00 R.T:19.148 Area:69441 Conc:34.76396ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	263.00	13160	35.20	42.74
2	265.00	8414	22.51	29.49
3	195.00	33968	90.86	89.31



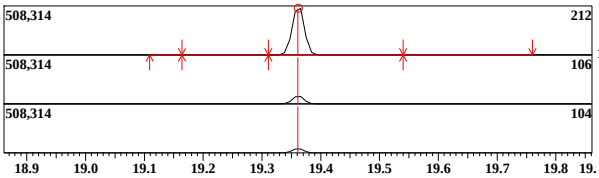
ID#:93 Name:Fluoranthene-d10 Type:Target No Manual Integration

ID#:93 R.Time:19.366(Scan#:3228)
MassPeaks:19
RawMode:Averaged 19.357-19.375(3226-3230)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



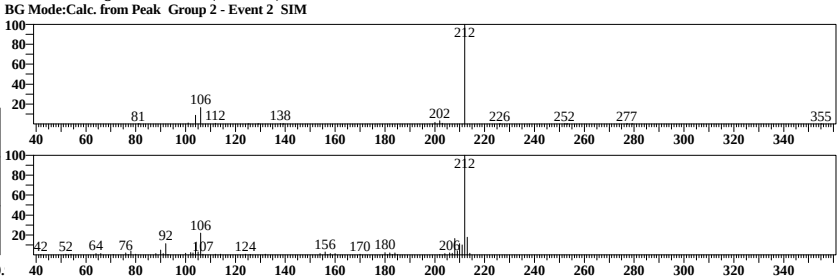
Mass:212.00 R.T:19.362 Area:739997 Conc:39.30944ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	106.00	61236	16.39	22.08
2	104.00	32854	8.79	12.34



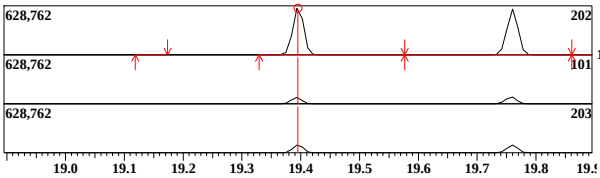
ID#:94 Name:Fluoranthene Type:Target No Manual Integration

ID#:94 R.Time:19.393(Scan#:3234)
MassPeaks:19
RawMode:Averaged 19.384-19.403(3232-3236)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



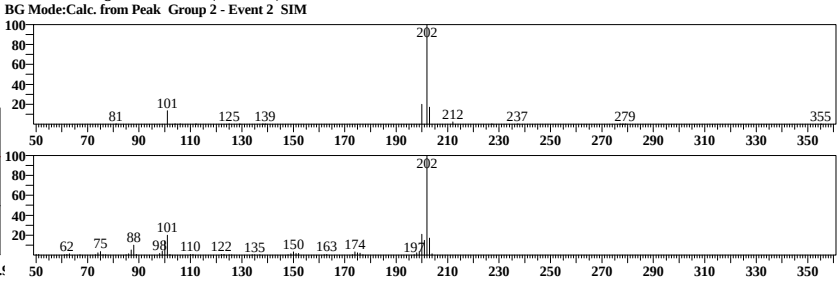
Mass:202.00 R.T:19.395 Area:801112 Conc:32.32651ppm
Event:2:SIM SI:93

#	m/z	Area	Ratio	Reference
1	101.00	59253	13.55	14.12
2	203.00	73957	16.91	6.47



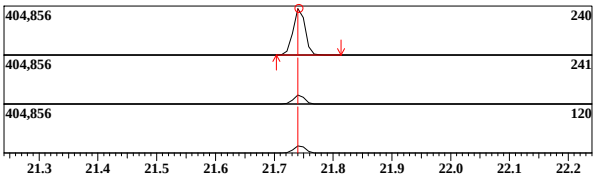
ID#:95 Name:Chrysene-d12 (IS) Type:ISTD No Manual Integration

ID#:95 R.Time:21.740(Scan#:3745)
MassPeaks:119
RawMode:Averaged 21.731-21.749(3743-3747)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



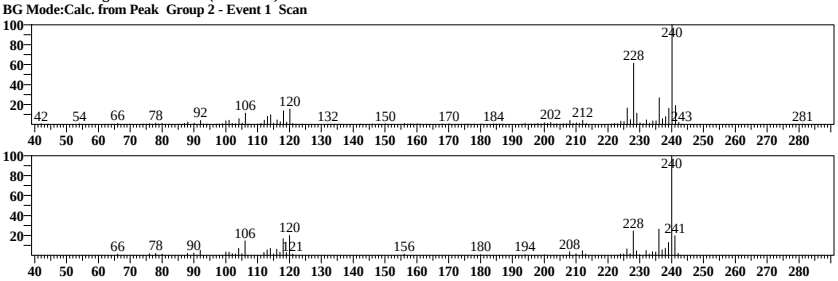
Mass:240.00 R.T:21.742 Area:548295 Conc:40.00000ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	241.00	55207	18.92	19.13
2	120.00	45011	15.43	14.79



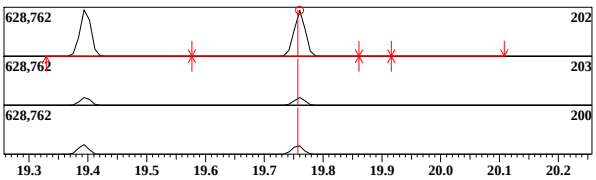
ID#:96 Name:Pyrene Type:Target No Manual Integration

ID#:96 R.Time:19.760(Scan#:3314)
MassPeaks:22
RawMode:Averaged 19.751-19.769(3312-3316)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



Mass:202.00 R.T:19.760 Area:802600 Conc:31.16496ppm
Event:2:SIM SI:92

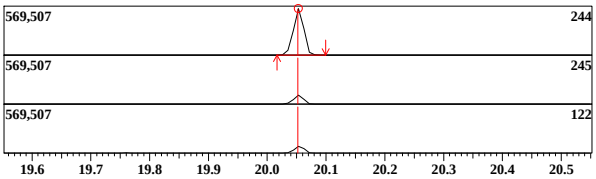
#	m/z	Area	Ratio	Reference
1	203.00	73186	17.00	18.13
2	200.00	82868	19.25	4.68



ID#:97 Name:p-Terphenyl-d14Type:Surrogate/SMC No Manual Integration

Mass:244.00 R.T:20.053 Area:680245 Conc:41.68616ppm
Event:1:Scan SI:83

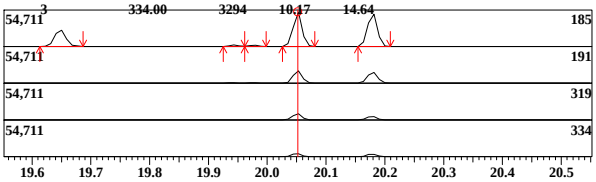
#	m/z	Area	Ratio	Reference
1	245.00	72383	19.10	19.16
2	122.00	55914	14.75	13.22



ID#:98 Name:Aramite A Type:Target No Manual Integration

Mass:185.00 R.T:20.052 Area:56735 Conc:17.13913ppm
Event:1:Scan SI:41

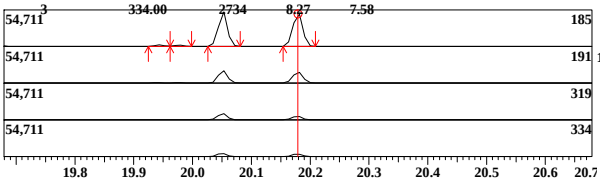
#	m/z	Area	Ratio	Reference
1	191.00	12056	37.23	44.95
2	319.00	6206	19.17	34.11
3	334.00	3294	10.17	14.64



ID#:99 Name:Aramite B Type:Target No Manual Integration

Mass:185.00 R.T:20.180 Area:59138 Conc:18.06310ppm
Event:1:Scan SI:96

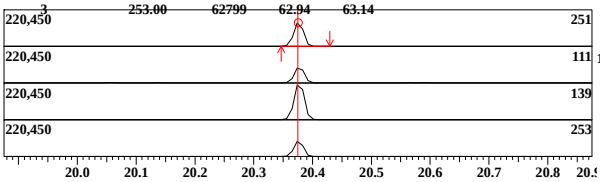
#	m/z	Area	Ratio	Reference
1	191.00	11352	34.35	42.53
2	319.00	3547	10.73	13.52
3	334.00	2734	8.27	7.58



ID#:100 Name:Chlorobenzilate Type:Target No Manual Integration

Mass:251.00 R.T:20.376 Area:177576 Conc:35.21463ppm
Event:1:Scan SI:98

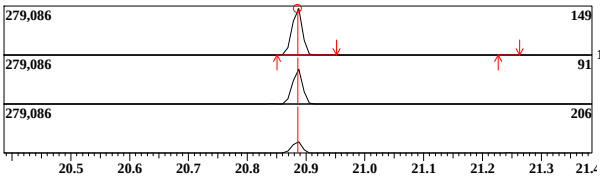
#	m/z	Area	Ratio	Reference
1	111.00	65067	65.21	55.84
2	139.00	151397	151.73	178.00
3	253.00	62799	62.94	63.14



ID#:101 Name:Butyl benzyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:20.885 Area:330752 Conc:33.87754ppm
Event:1:Scan SI:91

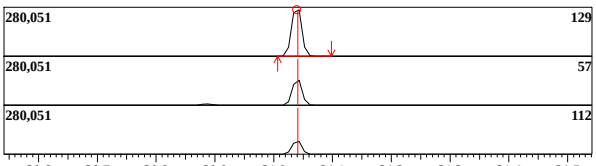
#	m/z	Area	Ratio	Reference
1	91.00	133662	73.58	92.95
2	206.00	44361	24.42	26.43



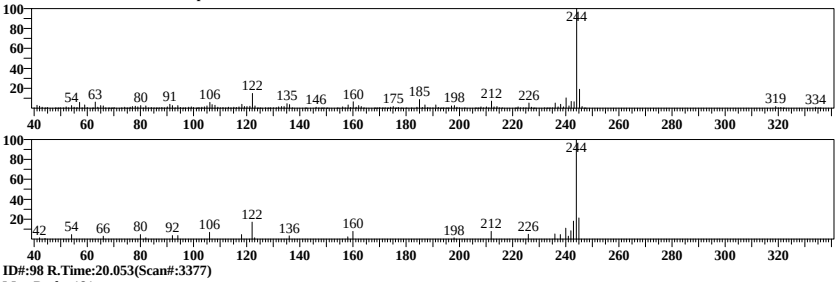
ID#:102 Name:Di(2-ethylhexyl) adipate Type:Target No Manual Integration

Mass:129.00 R.T:21.039 Area:348627 Conc:33.16223ppm
Event:1:Scan SI:97

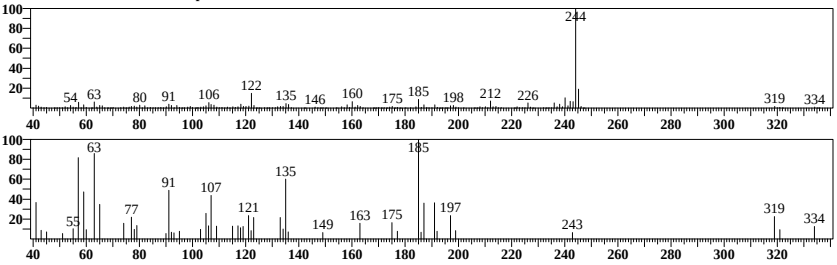
#	m/z	Area	Ratio	Reference
1	57.00	97911	51.43	40.00
2	112.00	50726	26.64	27.60



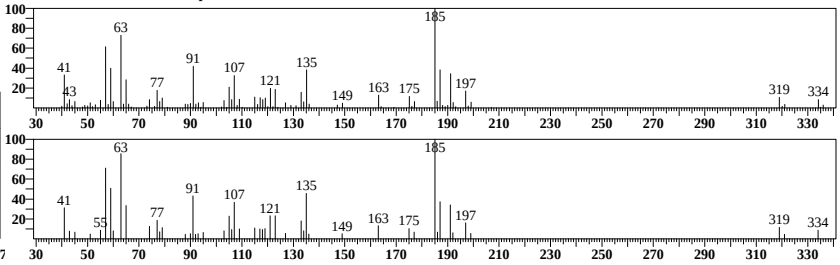
ID#:97 R.Time:20.053(Scan#:3377)
MassPeaks:181
RawMode:Averaged 20.044-20.063(3375-3379)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



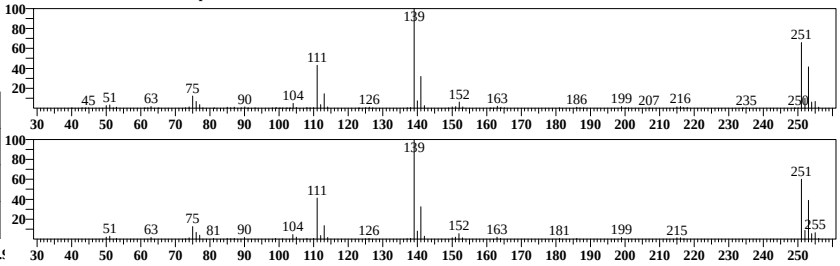
ID#:98 R.Time:20.053(Scan#:3377)
MassPeaks:181
RawMode:Averaged 20.044-20.063(3375-3379)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



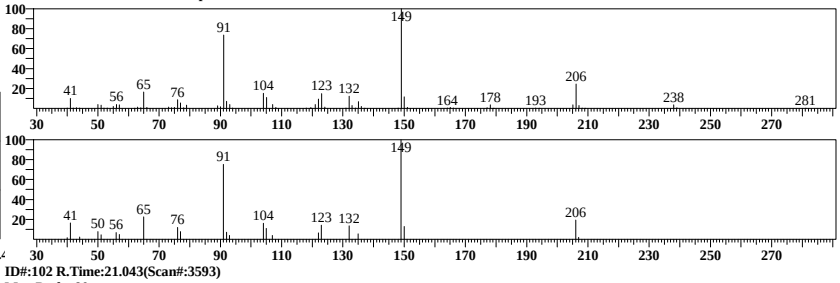
ID#:99 R.Time:20.182(Scan#:3405)
MassPeaks:90
RawMode:Averaged 20.172-20.191(3403-3407)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



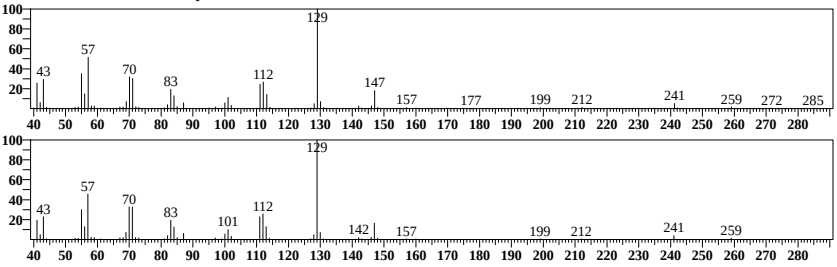
ID#:100 R.Time:20.374(Scan#:3447)
MassPeaks:83
RawMode:Averaged 20.365-20.383(3445-3449)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



ID#:101 R.Time:20.887(Scan#:3559)
MassPeaks:68
RawMode:Averaged 20.878-20.897(3557-3561)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



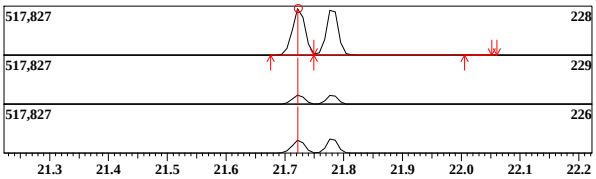
ID#:102 R.Time:21.043(Scan#:3593)
MassPeaks:90
RawMode:Averaged 21.034-21.052(3591-3595)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



ID#:103 Name:Benzo[a]anthracene Type:Target No Manual Integration

Mass:228.00 R.T:21.723 Area:758193 Conc:33.02487ppm
Event:2:SIM SI:81

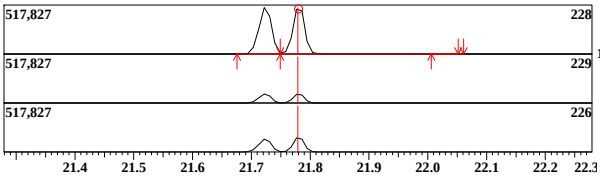
#	m/z	Area	Ratio	Reference
1	229.00	73668	19.50	27.13
2	226.00	106544	28.21	24.70



ID#:104 Name:Chrysene Type:Target No Manual Integration

Mass:228.00 R.T:21.781 Area:714025 Conc:30.81762ppm
Event:2:SIM SI:80

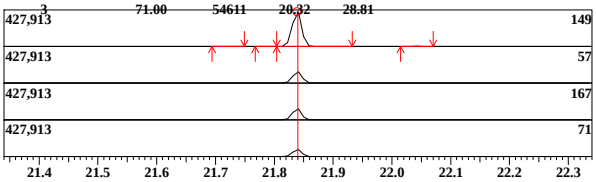
#	m/z	Area	Ratio	Reference
1	229.00	69250	19.69	27.13
2	226.00	110020	31.28	24.70



ID#:105 Name:Bis(2-Ethylhexyl) phthalate Type:Target No Manual Integration

Mass:149.00 R.T:21.839 Area:481105 Conc:33.58560ppm
Event:1:Scan SI:89

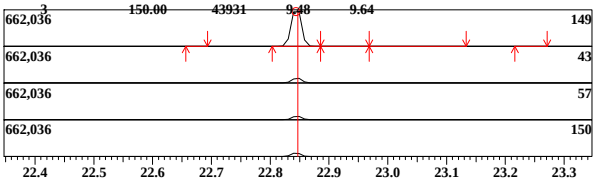
#	m/z	Area	Ratio	Reference
1	57.00	88146	32.80	45.69
2	167.00	84298	31.37	32.70
3	71.00	54611	20.32	28.81



ID#:106 Name:Di-n-octyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:22.844 Area:848356 Conc:35.46989ppm
Event:1:Scan SI:89

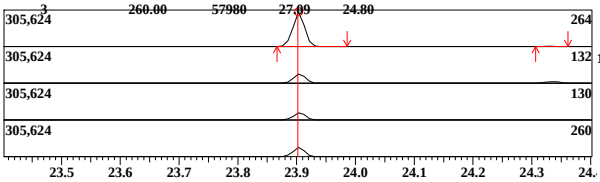
#	m/z	Area	Ratio	Reference
1	43.00	56330	12.16	13.63
2	57.00	41024	8.85	13.85
3	150.00	43931	9.48	9.64



ID#:107 Name:Perylene-d12 (IS) Type:ISTD No Manual Integration

Mass:264.00 R.T:23.904 Area:416229 Conc:40.00000ppm
Event:1:Scan SI:96

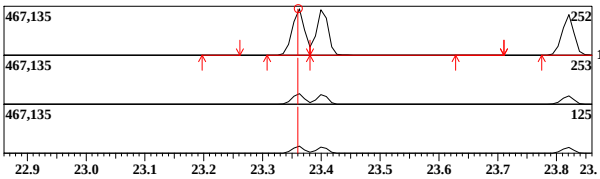
#	m/z	Area	Ratio	Reference
1	132.00	58551	27.36	20.63
2	130.00	46154	21.56	16.36
3	260.00	57980	27.09	24.80



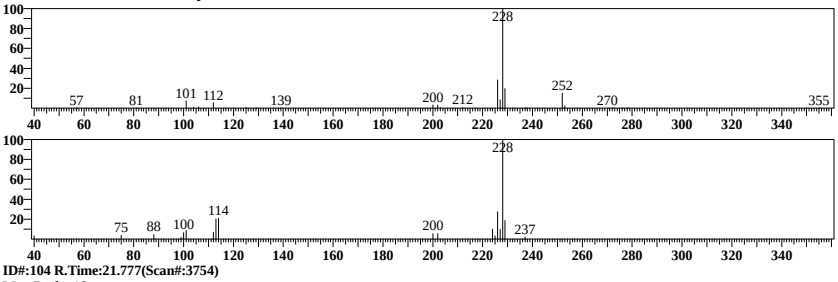
ID#:108 Name:Benzo[b]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.361 Area:667908 Conc:32.40755ppm
Event:2:SIM SI:66

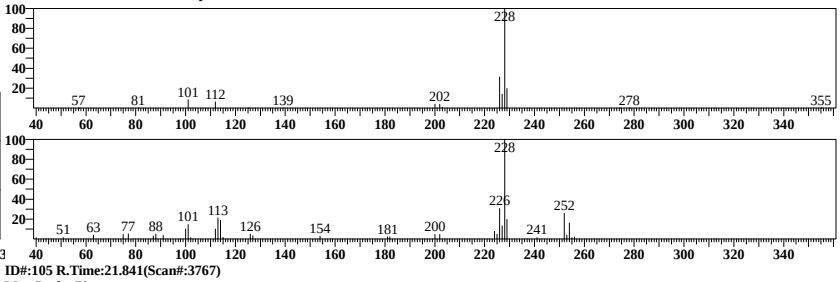
#	m/z	Area	Ratio	Reference
1	253.00	64114	23.29	24.52
2	125.00	42238	15.34	21.64



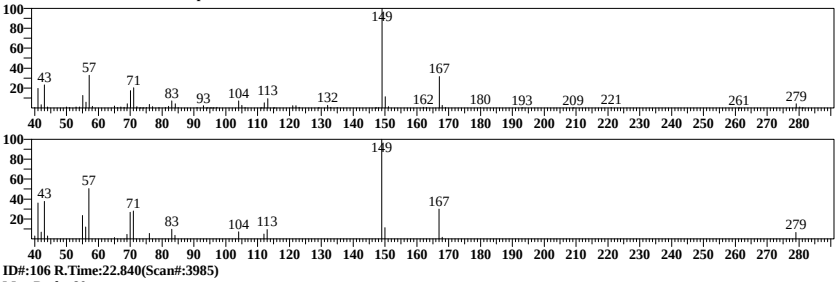
ID#:103 R.Time:21.722(Scan#:3742)
MassPeaks:26
RawMode:Averaged 21.712-21.731(3740-3744)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



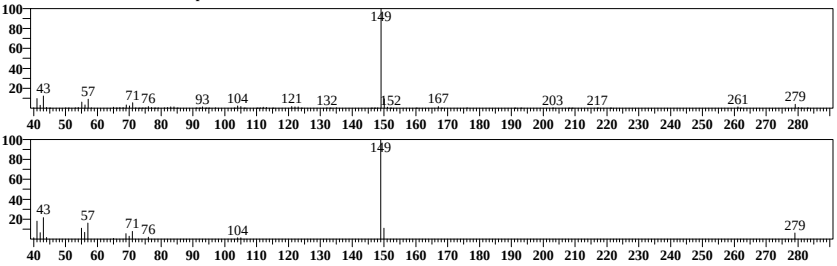
ID#:104 R.Time:21.777(Scan#:3754)
MassPeaks:16
RawMode:Averaged 21.767-21.786(3752-3756)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



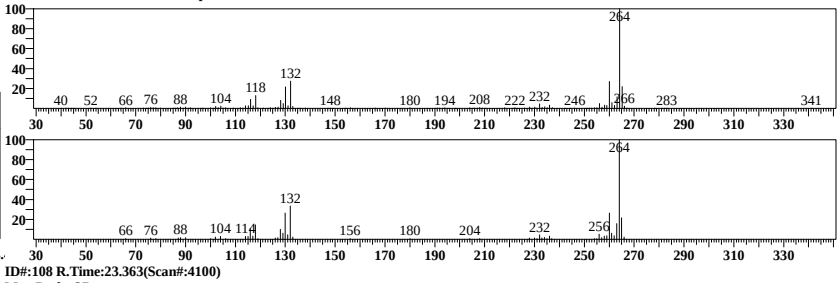
ID#:105 R.Time:21.841(Scan#:3767)
MassPeaks:70
RawMode:Averaged 21.832-21.850(3765-3769)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



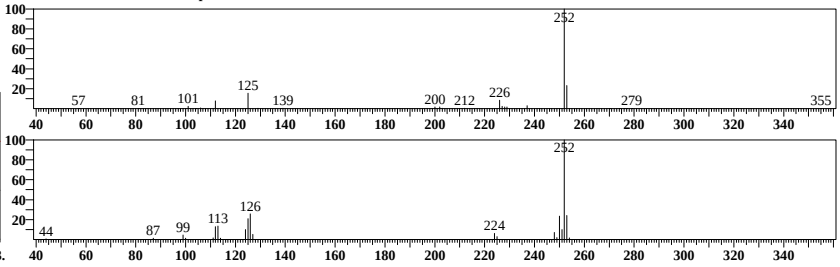
ID#:106 R.Time:22.840(Scan#:3985)
MassPeaks:80
RawMode:Averaged 22.831-22.849(3983-3987)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



ID#:107 R.Time:23.903(Scan#:4217)
MassPeaks:120
RawMode:Averaged 23.894-23.913(4215-4219)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



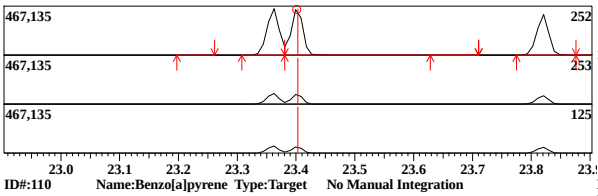
ID#:108 R.Time:23.363(Scan#:4100)
MassPeaks:27
RawMode:Averaged 23.353-23.372(4098-4102)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



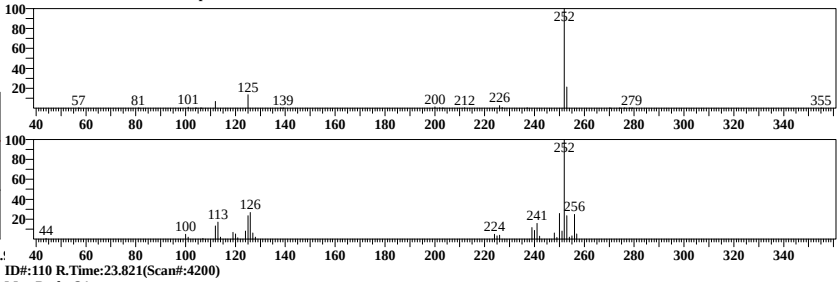
ID#:109 Name:Benzo[k]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.401 Area:601268 Conc:30.61337ppm
Event:2:SIM SI:78

#	m/z	Area	Ratio	Reference
1	253.00	52696	21.32	24.52
2	125.00	33358	13.49	21.64



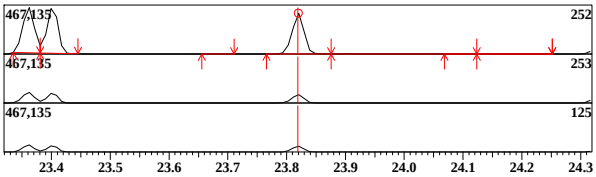
ID#:109 R.Time:23.399(Scan#:4108)
MassPeaks:24
RawMode:Averaged 23.390-23.408(4106-4110)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



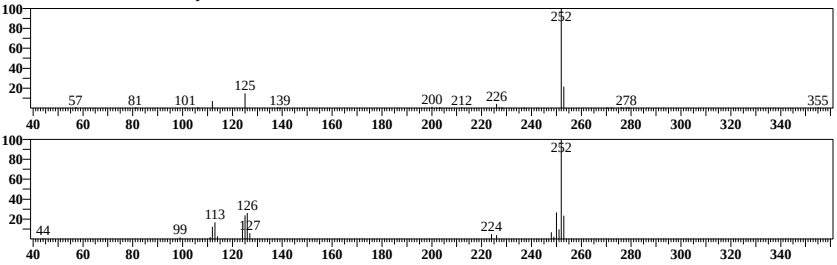
ID#:110 Name:Benzo[a]pyrene Type:Target No Manual Integration

Mass:252.00 R.T:23.820 Area:559770 Conc:34.74505ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	253.00	60546	21.07	24.52
2	125.00	41434	14.42	21.64

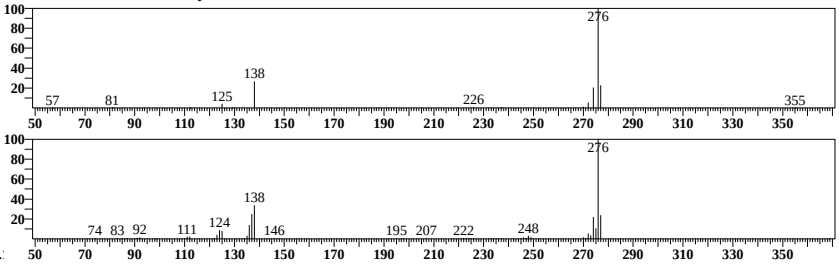


ID#:110 R.Time:23.821(Scan#:4200)
MassPeaks:24
RawMode:Averaged 23.812-23.830(4198-4202)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



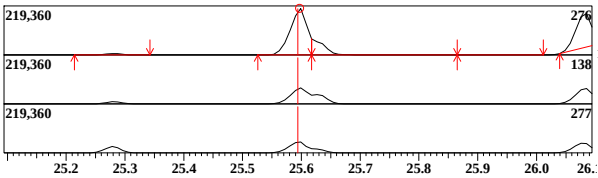
ID#:111 Name:Indeno(1,2,3-cd)pyrene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/15/20222

ID#:111 R.Time:25.599(Scan#:4588)
MassPeaks:14
RawMode:Averaged 25.590-25.608(4586-4590)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



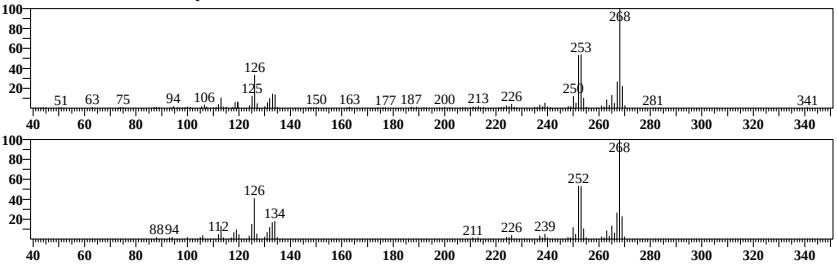
Mass:276.00 R.T:25.597 Area:431717 Conc:36.46568ppm
Event:2:SIM SI:95

#	m/z	Area	Ratio	Reference
1	138.00	30815	26.44	6.67
2	277.00	26323	22.59	14.17



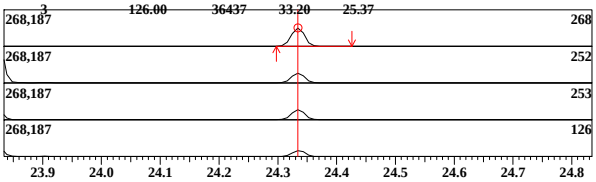
ID#:112 Name:3-Methylcholanthrene Type:Target No Manual Integration

ID#:112 R.Time:24.334(Scan#:4311)
MassPeaks:107
RawMode:Averaged 24.325-24.343(4309-4313)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



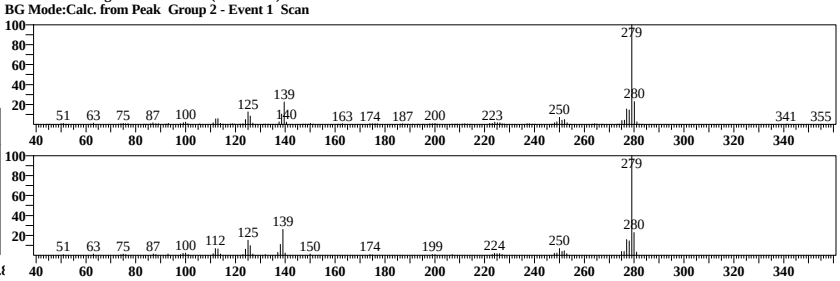
Mass:268.00 R.T:24.334 Area:222937 Conc:30.95622ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	252.00	58389	53.21	43.24
2	253.00	58977	53.74	42.66
3	126.00	36437	33.20	25.37



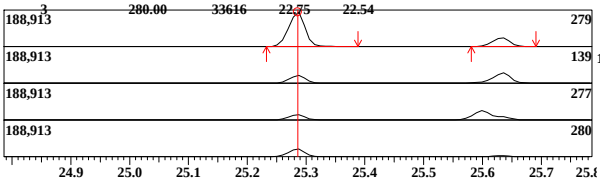
ID#:113 Name:Dibenz(a,j)Acridine Type:Target No Manual Integration

ID#:113 R.Time:25.288(Scan#:4519)
MassPeaks:116
RawMode:Averaged 25.278-25.297(4517-4521)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



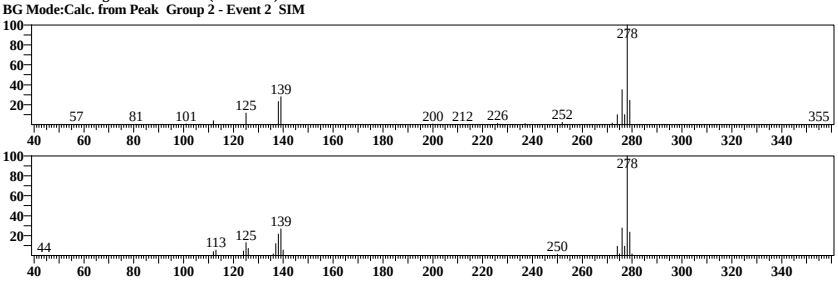
Mass:279.00 R.T:25.285 Area:348904 Conc:33.05221ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	139.00	33479	22.65	9.49
2	277.00	22711	15.37	15.01
3	280.00	33616	22.75	22.54



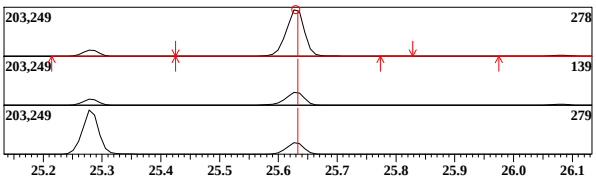
ID#:114 Name:Dibenzo[a,h]anthracene Type:Target No Manual Integration

ID#:114 R.Time:25.627(Scan#:4594)
MassPeaks:29
RawMode:Averaged 25.618-25.636(4592-4596)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



Mass:278.00 R.T:25.630 Area:433720 Conc:34.42333ppm
Event:2:SIM SI:91

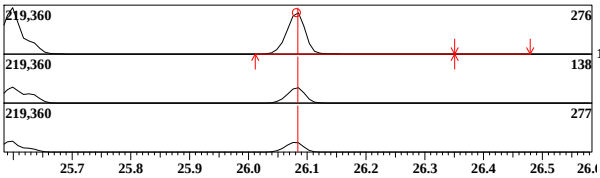
#	m/z	Area	Ratio	Reference
1	139.00	48290	28.07	7.75
2	279.00	41807	24.30	25.58

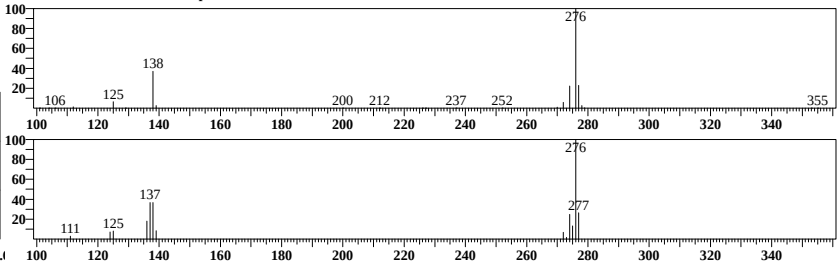


ID#:115 Name:Benzo[g,h,i]perylene Type:Target No Manual Integration

Mass:276.00 R.T:26.082 Area:414386 Conc:32.59164ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	138.00	59557	37.11	25.00
2	277.00	36688	22.86	21.09



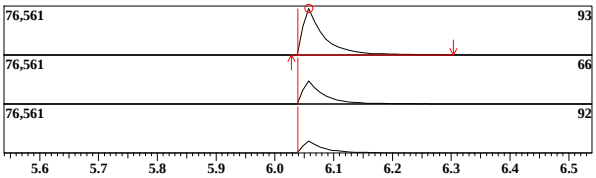


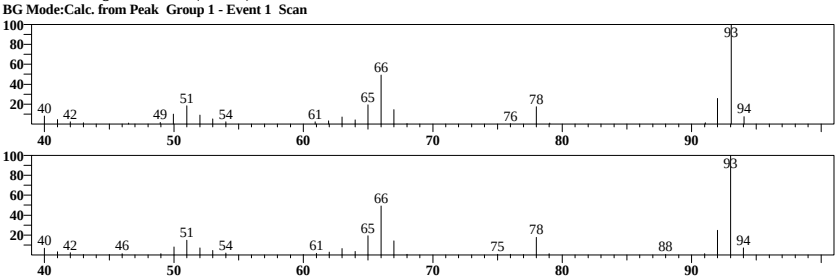
ID#:115 R.Time:26.085(Scan#:4694)
MassPeaks:23
RawMode:Averaged 26.076-26.094(4692-4696)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM

ID#:116 Name:2-Picoline (2-Methylpyridine) Type:Target Manual Integration Perform
Manual Reason: Baseline smoothing. CMN 12/15/2022

Mass:93.00 R.T:6.058 Area:184456 Conc:26.58767ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	66.00	28065	49.24	58.29
2	92.00	14633	25.68	23.71



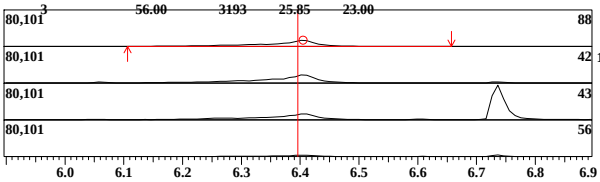


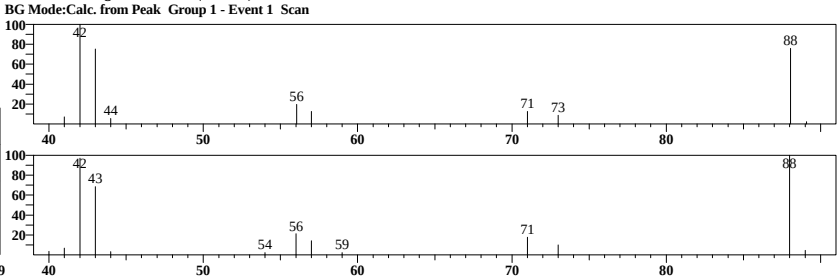
ID#:116 R.Time:6.058(Scan#:511)
MassPeaks:26
RawMode:Averaged 6.048-6.067(509-513)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:117 Name:N-Nitrosomethylethylamine Type:Target Manual Integration Perform
Manual Reason: Baseline smoothing. CMN 12/15/2022

Mass:88.00 R.T:6.405 Area:84415 Conc:28.76274ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	42.00	16252	131.56	106.00
2	43.00	12211	98.85	74.00
3	56.00	3193	25.85	23.00



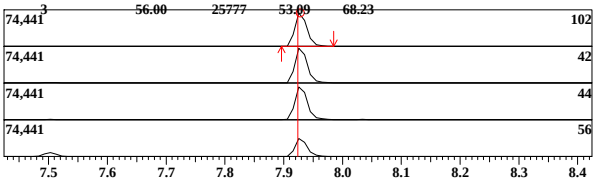


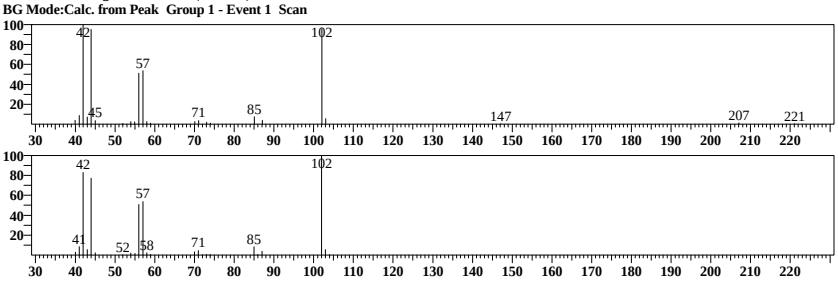
ID#:117 R.Time:6.402(Scan#:581)
MassPeaks:10
RawMode:Averaged 6.392-6.412(579-583)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:118 Name:N-Nitrosodiethylamine Type:Target No Manual Integration

Mass:102.00 R.T:7.928 Area:99415 Conc:31.39068ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	42.00	50539	104.09	98.99
2	44.00	48138	99.15	90.55
3	56.00	25777	53.09	68.23



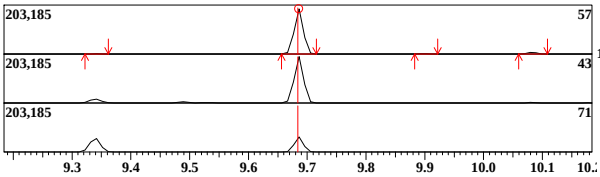


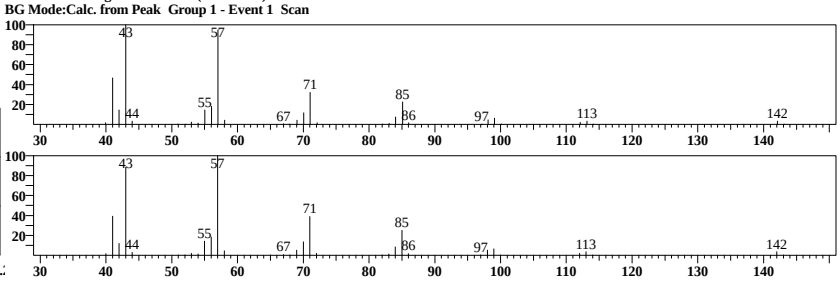
ID#:118 R.Time:7.926(Scan#:891)
MassPeaks:24
RawMode:Averaged 7.916-7.936(889-893)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:119 Name:n-Decane Type:Target No Manual Integration

Mass:57.00 R.T:9.685 Area:206768 Conc:24.92816ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	43.00	118837	105.40	115.00
2	71.00	38062	33.76	34.71



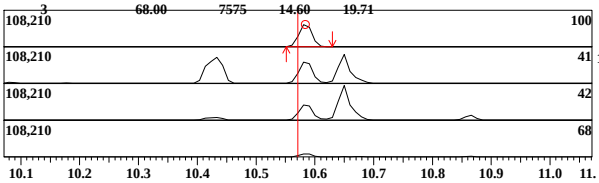


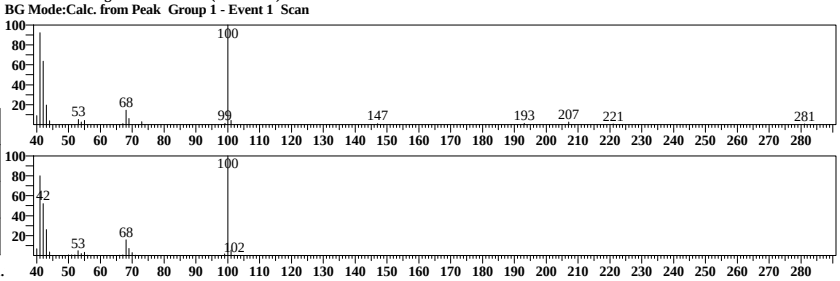
ID#:119 R.Time:9.686(Scan#:1249)
MassPeaks:33
RawMode:Averaged 9.676-9.696(1247-1251)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:120 Name:N-Nitrosopyrrolidine Type:Target No Manual Integration

Mass:100.00 R.T:10.584 Area:106809 Conc:32.85288ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	41.00	47958	92.41	89.01
2	42.00	33071	63.72	58.45
3	68.00	7575	14.60	19.71



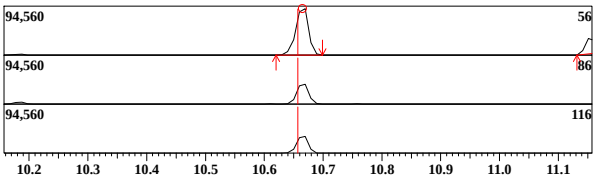


ID#:120 R.Time:10.581(Scan#:1431)
MassPeaks:20
RawMode:Averaged 10.571-10.591(1429-1433)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

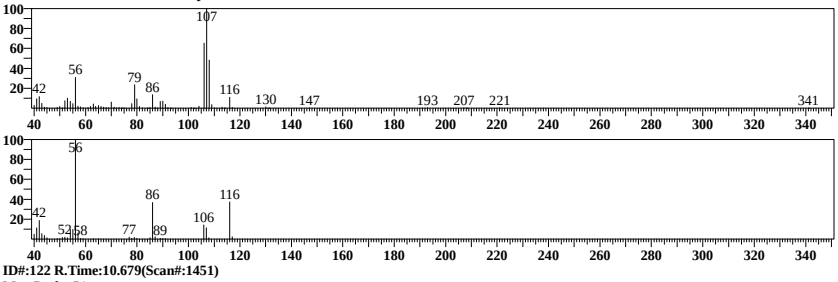
ID#:121 Name:N-Nitrosomorpholine Type:Target No Manual Integration

Mass:56.00 R.T:10.665 Area:140437 Conc:34.84294ppm
Event:1:Scan SI:67

#	m/z	Area	Ratio	Reference
1	86.00	28496	43.18	37.18
2	116.00	23328	35.35	29.47



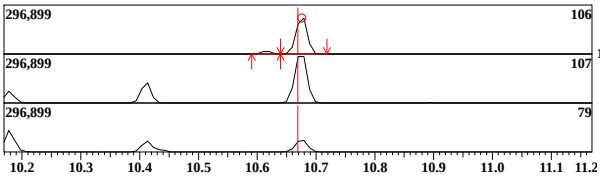
ID#:121 R.Time:10.669(Scan#:1449)
MassPeaks:67
RawMode:Averaged 10.660-10.679(1447-1451)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



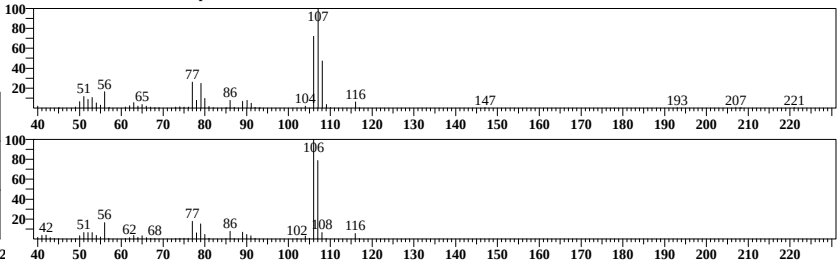
ID#:122 Name:o-Toluidine Type:Target No Manual Integration

Mass:106.00 R.T:10.676 Area:304777 Conc:29.20629ppm
Event:1:Scan SI:88

#	m/z	Area	Ratio	Reference
1	107.00	215216	* 138.95	80.49
2	79.00	53456	34.51	13.86



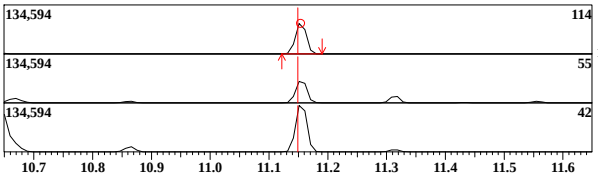
ID#:122 R.Time:10.679(Scan#:1451)
MassPeaks:51
RawMode:Averaged 10.669-10.689(1449-1453)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



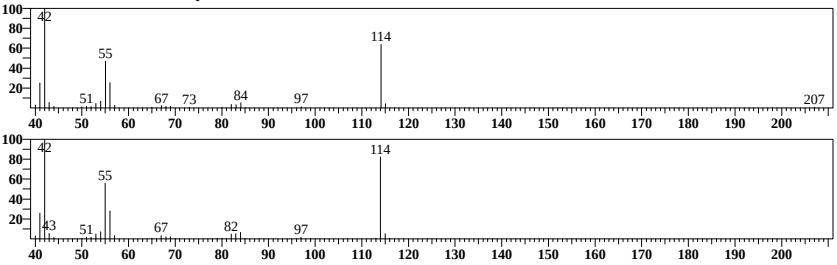
ID#:123 Name:N-Nitrosopiperidine Type:Target No Manual Integration

Mass:114.00 R.T:11.154 Area:112950 Conc:32.80362ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	55.00	43605	73.51	59.00
2	42.00	92866	156.56	151.82



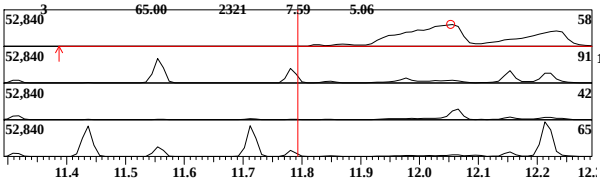
ID#:123 R.Time:11.151(Scan#:1547)
MassPeaks:27
RawMode:Averaged 11.141-11.161(1545-1549)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



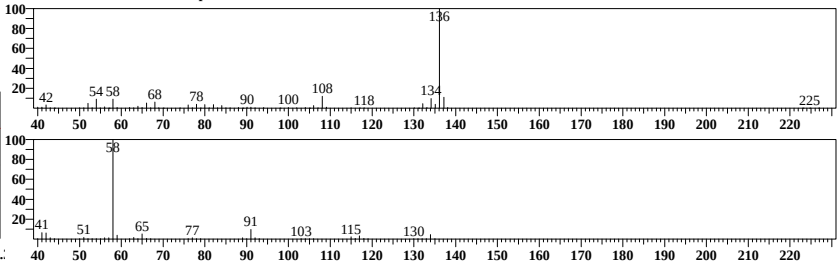
ID#:124 Name:a,a-Dimethylphenethylamine Type:Target Manual Integration Perform
Manual Reason: Peak not found. CMN 12/15/2022

Mass:58.00 R.T:12.053 Area:358678 Conc:21.65969ppm
Event:1:Scan SI:38

#	m/z	Area	Ratio	Reference
1	91.00	3370	11.02	7.28
2	42.00	10934	35.74	5.90
3	65.00	2321	7.59	5.06



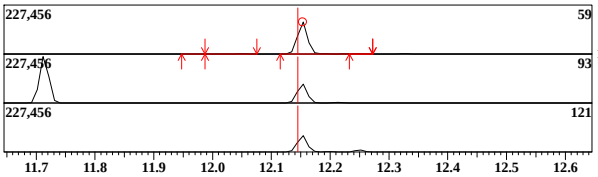
ID#:124 R.Time:12.056(Scan#:1731)
MassPeaks:66
RawMode:Averaged 12.046-12.066(1729-1733)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



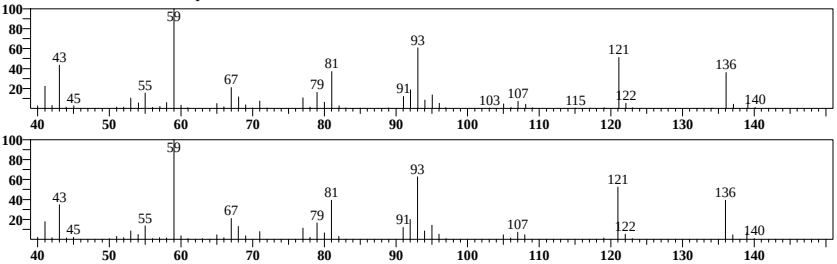
ID#:125 Name:Alpha-Terpineol Type:Target No Manual Integration

Mass:59.00 R.T:12.153 Area:186764 Conc:32.28334ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	93.00	58024	60.90	49.35
2	121.00	48691	51.10	34.59



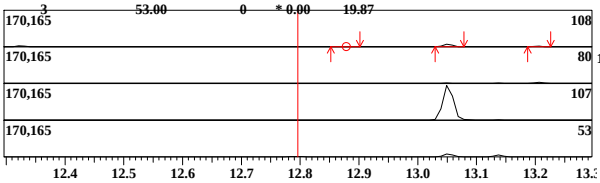
ID#:125 R.Time:12.154(Scan#:1751)
MassPeaks:58
RawMode:Averaged 12.144-12.164(1749-1753)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



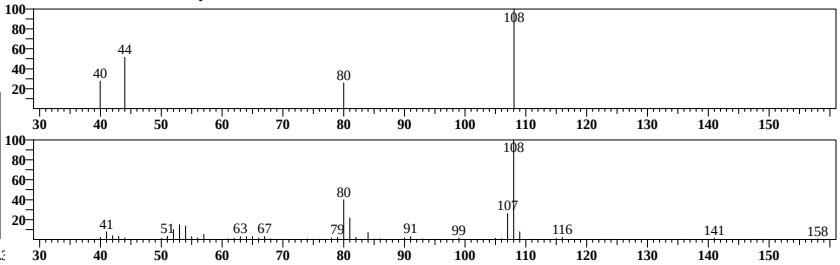
ID#:126 Name:p-Phenylenediamine Type:Target No Manual Integration

Mass:108.00 R.T:12.879 Area:1150 Conc:1.89703ppm
Event:1:Scan SI:58

#	m/z	Area	Ratio	Reference
1	80.00	183	25.63	40.53
2	107.00	0	* 0.00	26.48
3	53.00	0	* 0.00	19.87



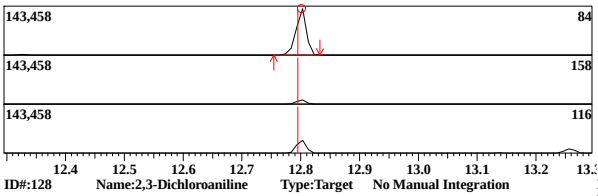
ID#:126 R.Time:12.882(Scan#:1899)
MassPeaks:4
RawMode:Averaged 12.872-12.892(1897-1901)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:127 Name:N-Nitrosodi-n-butylamine Type:Target No Manual Integration

Mass:84.00 R.T:12.802 Area:168682 Conc:35.99207ppm
Event:1:Scan SI:93

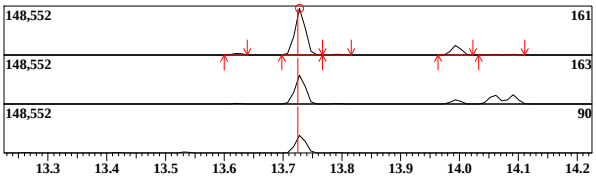
#	m/z	Area	Ratio	Reference
1	158.00	7820	9.08	7.76
2	116.00	24670	28.64	26.54



ID#:128 Name:2,3-Dichloroaniline Type:Target No Manual Integration

Mass:161.00 R.T:13.728 Area:176720 Conc:31.70843ppm
Event:1:Scan SI:78

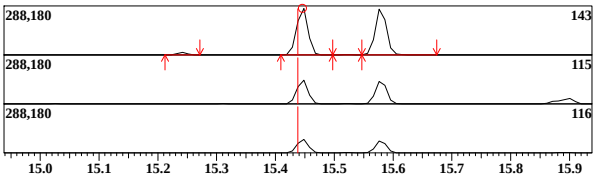
#	m/z	Area	Ratio	Reference
1	163.00	59047	63.15	65.37
2	90.00	36408	38.94	40.30



ID#:129 Name:1-Naphthylamine Type:Target No Manual Integration

Mass:143.00 R.T:15.446 Area:374889 Conc:31.15940ppm
Event:1:Scan SI:78

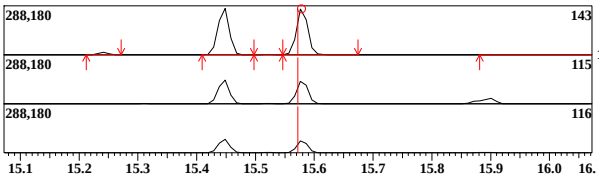
#	m/z	Area	Ratio	Reference
1	115.00	98154	51.36	52.19
2	116.00	56513	29.57	27.17



ID#:130 Name:2-Naphthylamine Type:Target No Manual Integration

Mass:143.00 R.T:15.579 Area:371492 Conc:26.78208ppm
Event:1:Scan SI:98

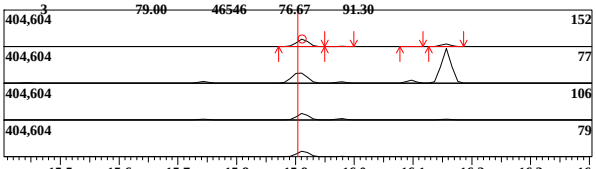
#	m/z	Area	Ratio	Reference
1	115.00	96481	51.14	53.22
2	116.00	50374	26.70	24.69



ID#:131 Name:5-Nitro-o-Toluidine Type:Target No Manual Integration

Mass:152.00 R.T:15.912 Area:119667 Conc:36.46623ppm
Event:1:Scan SI:70

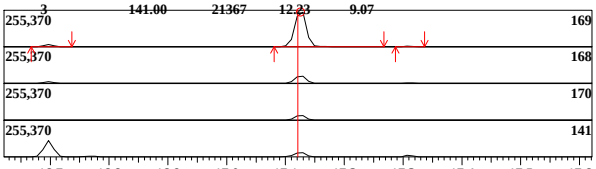
#	m/z	Area	Ratio	Reference
1	77.00	94328	* 155.38	101.00
2	106.00	51514	84.86	102.30
3	79.00	46546	76.67	91.30



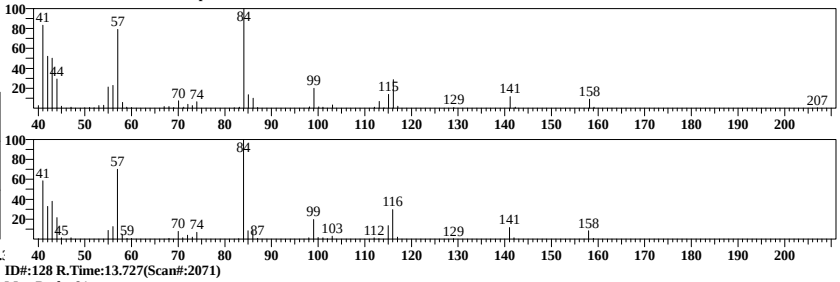
ID#:132 Name:4-Aminobiphenyl Type:Target No Manual Integration

Mass:169.00 R.T:17.126 Area:359617 Conc:27.56886ppm
Event:1:Scan SI:73

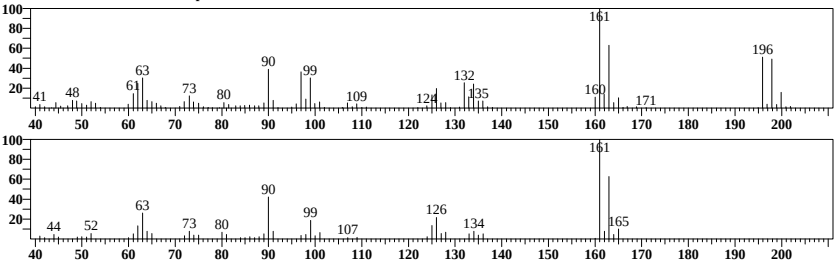
#	m/z	Area	Ratio	Reference
1	168.00	37145	21.26	21.00
2	170.00	23740	13.59	13.72
3	141.00	21367	12.23	9.07



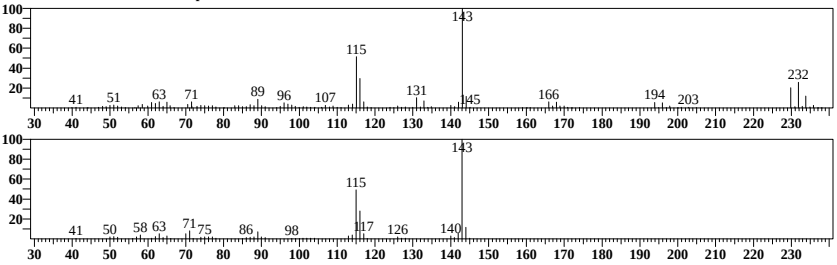
ID#:127 R.Time:12.803(Scan#:1883)
MassPeaks:49
RawMode:Averaged 12.793-12.813(1881-1885)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



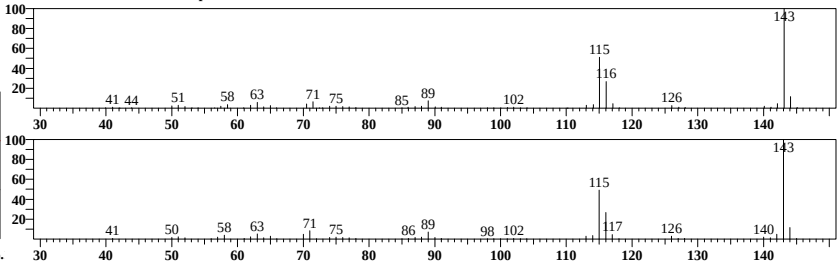
ID#:128 R.Time:13.727(Scan#:2071)
MassPeaks:91
RawMode:Averaged 13.718-13.737(2069-2073)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



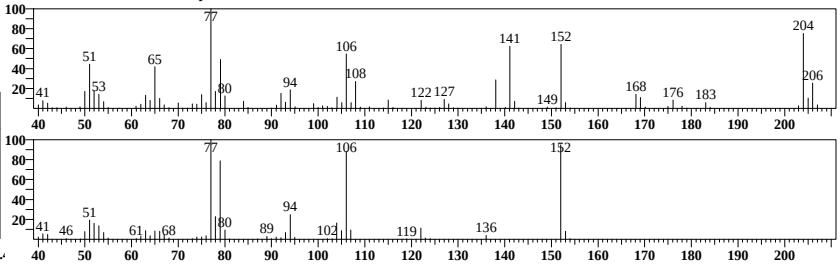
ID#:129 R.Time:15.448(Scan#:2421)
MassPeaks:111
RawMode:Averaged 15.438-15.458(2419-2423)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



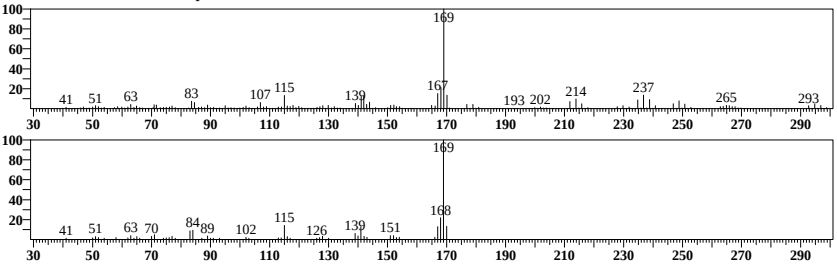
ID#:130 R.Time:15.576(Scan#:2447)
MassPeaks:57
RawMode:Averaged 15.566-15.586(2445-2449)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:131 R.Time:15.911(Scan#:2515)
MassPeaks:90
RawMode:Averaged 15.901-15.920(2513-2517)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



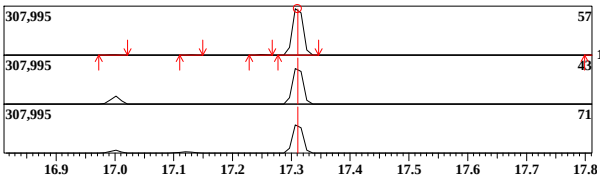
ID#:132 R.Time:17.130(Scan#:2763)
MassPeaks:166
RawMode:Averaged 17.120-17.140(2761-2765)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



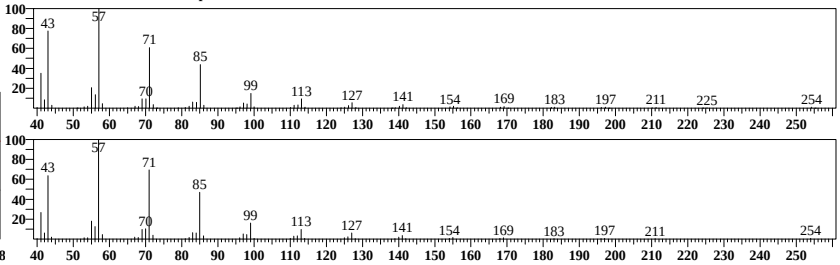
ID#:133 Name:n-Octadecane Type:Target No Manual Integration

Mass:57.00 R.T:17.311 Area:380982 Conc:31.05159ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	43.00	157166	77.34	56.74
2	71.00	123749	60.90	60.93



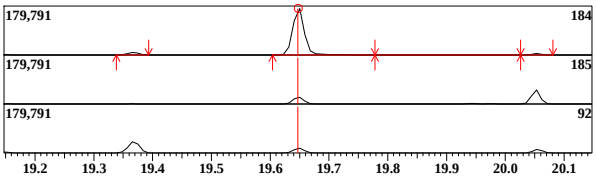
ID#:133 R.Time:17.307(Scan#:2799)
MassPeaks:65
RawMode:Averaged 17.297-17.317(2797-2801)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



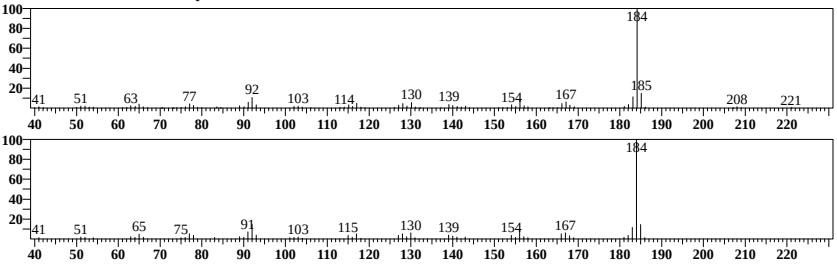
ID#:134 Name:Benzidine Type:Target No Manual Integration

Mass:184.00 R.T:19.648 Area:246236 Conc:20.25763ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	185.00	18622	14.94	16.81
2	92.00	13248	10.63	13.33



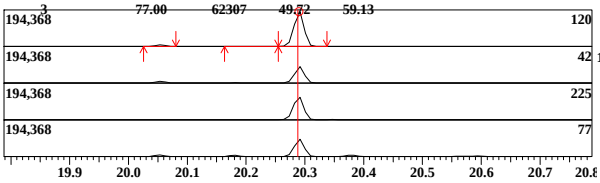
ID#:134 R.Time:19.650(Scan#:3289)
MassPeaks:83
RawMode:Averaged 19.641-19.659(3287-3291)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



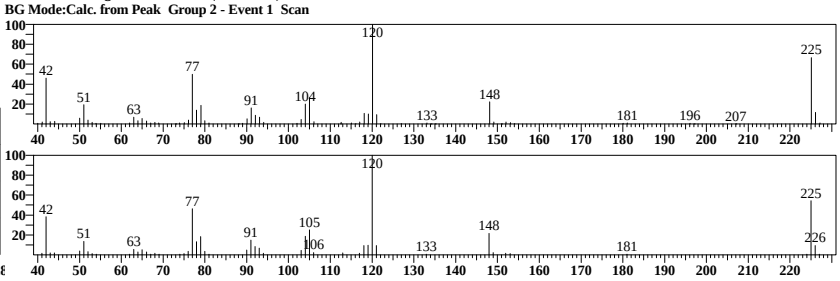
ID#:135 Name:4-Dimethyl aminoazobenzene Type:Target No Manual Integration

Mass:120.00 R.T:20.290 Area:226277 Conc:34.18719ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	42.00	57659	46.01	45.74
2	225.00	83504	66.64	69.96
3	77.00	62307	49.72	59.13



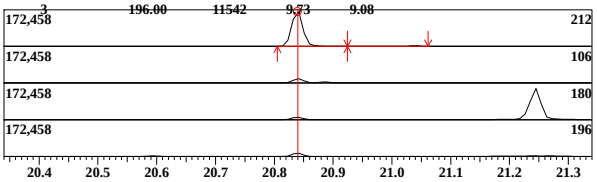
ID#:135 R.Time:20.292(Scan#:3429)
MassPeaks:68
RawMode:Averaged 20.282-20.301(3427-3431)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



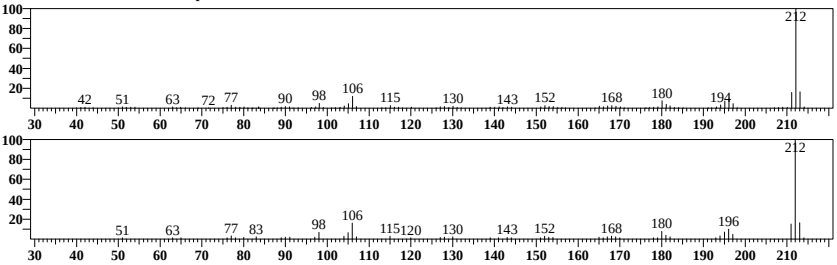
ID#:136 Name:3,3'-Dimethylbenzidine Type:Target No Manual Integration

Mass:212.00 R.T:20.839 Area:225870 Conc:15.57398ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	106.00	13957	11.77	14.74
2	180.00	8718	7.35	7.46
3	196.00	11542	9.73	9.08



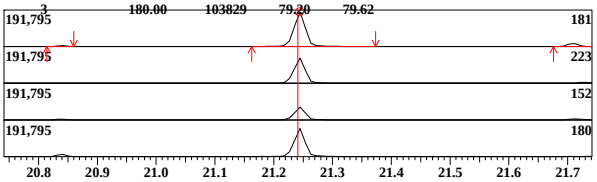
ID#:136 R.Time:20.842(Scan#:3549)
MassPeaks:104
RawMode:Averaged 20.833-20.851(3547-3551)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



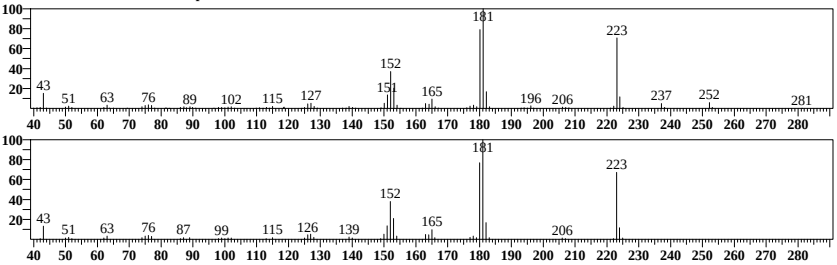
ID#:137 Name:2-Acetylaminofluorene Type:Target No Manual Integration

Mass:181.00 R.T:21.244 Area:263591 Conc:36.31206ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	223.00	92561	70.61	67.03
2	152.00	48407	36.93	31.35
3	180.00	103829	79.20	79.62



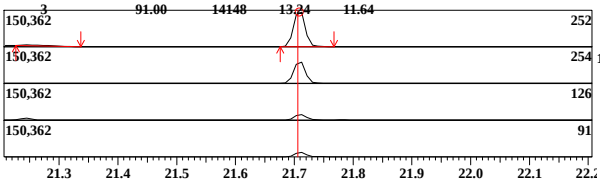
ID#:137 R.Time:21.245(Scan#:3637)
MassPeaks:91
RawMode:Averaged 21.236-21.254(3635-3639)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



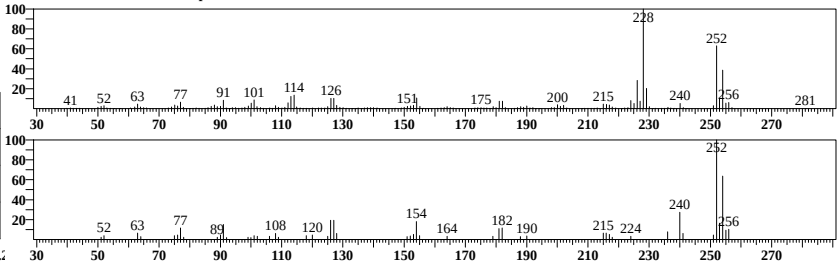
ID#:138 Name:3,3`-Dichlorobenzidine Type:Target No Manual Integration

Mass:252.00 R.T:21.709 Area:205332 Conc:30.10312ppm
Event:1:Scan SI:63

#	m/z	Area	Ratio	Reference
1	254.00	65386	61.20	65.16
2	126.00	17373	16.26	14.83
3	91.00	14148	13.24	11.64



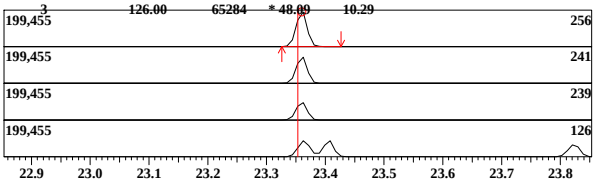
ID#:138 R.Time:21.712(Scan#:3739)
MassPeaks:161
RawMode:Averaged 21.703-21.722(3737-3741)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



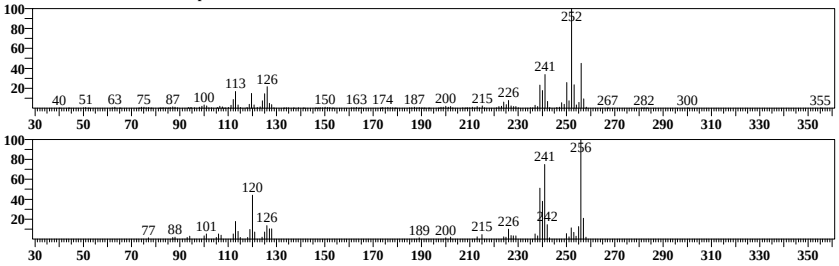
ID#:139 Name:7,12-Dimethylbenz[a]anthracene Type:Target No Manual Integratio

Mass:256.00 R.T:23.360 Area:254292 Conc:31.99772ppm
Event:1:Scan SI:76

#	m/z	Area	Ratio	Reference
1	241.00	102029	75.17	62.70
2	239.00	69558	51.24	44.31
3	126.00	65284	* 48.09	10.29



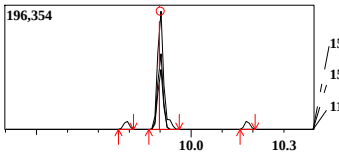
ID#:139 R.Time:23.363(Scan#:4099)
MassPeaks:144
RawMode:Averaged 23.353-23.372(4097-4101)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



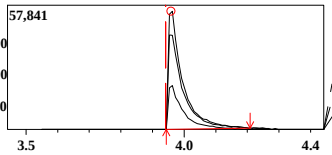
Before Manual Integrations

Analyst: CMN **Instr: J7H** **Trace Number:**
Method: 8270D **Batch:2625**
Sample ID: 4560643LCSD **Data File: C:\GCMSsolution\Data\221214H015.qgd**
Date: 12/14/2022 **Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm**
Time: 17:23:42 **Sample Name: 4560643LCSD**
Dilution: 1

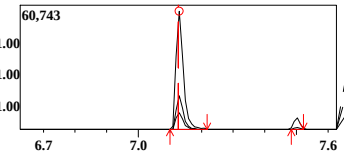
ID#:1 **Name:1,4-Dichlorobenzene-d4 (IS)**
Mass:150.00 **Type:ISTD**
R.T:9.901 **Area:258876** **Conc:40.00000ppm**



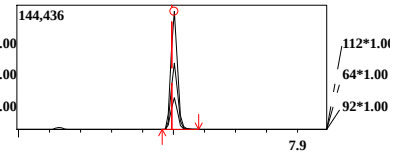
ID#:3 **Name:Pyridine**
Mass:79.00 **Type:Target**
R.T:3.959 **Area:175578** **Conc:25.68456ppm**



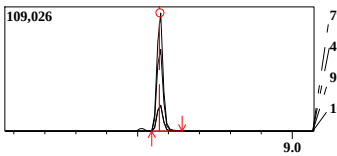
ID#:4 **Name:Methyl methanesulfonate**
Mass:80.00 **Type:Target**
R.T:7.129 **Area:92981** **Conc:26.93605ppm**



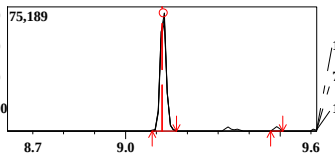
ID#:5 **Name:2-Fluorophenol**
Mass:112.00 **Type:Surrogate/SMC**
R.T:7.502 **Area:203780** **Conc:33.17239ppm**



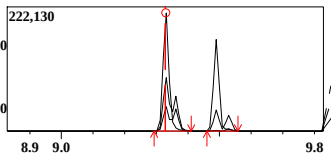
ID#:6 **Name:Ethyl methanesulfonate**
Mass:79.00 **Type:Target**
R.T:8.572 **Area:143046** **Conc:30.67861ppm**



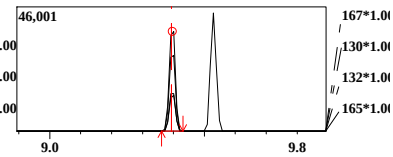
ID#:7 **Name:Benzaldehyde**
Mass:106.00 **Type:Target**
R.T:9.122 **Area:102019** **Conc:19.73760ppm**



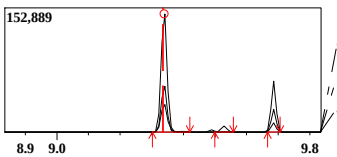
ID#:8 **Name:Aniline**
Mass:93.00 **Type:Target**
R.T:9.331 **Area:284648** **Conc:29.20533ppm**



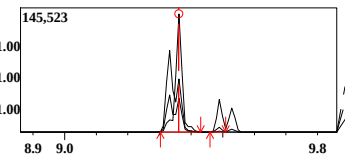
ID#:9 **Name:Pentachloroethane**
Mass:167.00 **Type:Target**
R.T:9.396 **Area:53791** **Conc:28.23746ppm**



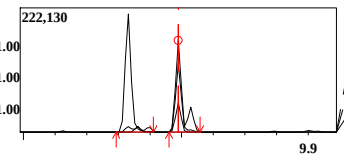
ID#:10 **Name:Phenol-d6**
Mass:99.00 **Type:Surrogate/SMC**
R.T:9.339 **Area:200603** **Conc:27.24341ppm**



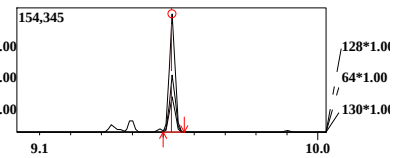
ID#:11 **Name:Phenol**
Mass:94.00 **Type:Target**
R.T:9.361 **Area:200662** **Conc:21.95445ppm**



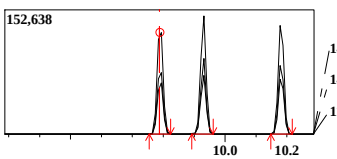
ID#:12 **Name:bis(2-Chloroethyl)Ether**
Mass:93.00 **Type:Target**
R.T:9.489 **Area:204331** **Conc:29.93789ppm**



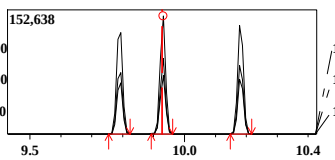
ID#:13 **Name:2-Chlorophenol**
Mass:128.00 **Type:Target**
R.T:9.529 **Area:191267** **Conc:29.54503ppm**



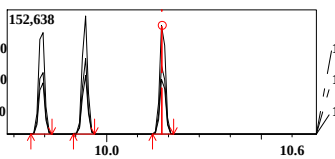
ID#:14 **Name:1,3-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.790 **Area:180518** **Conc:27.24232ppm**



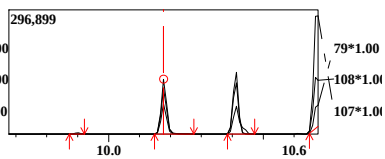
ID#:15 **Name:1,4-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.930 **Area:182824** **Conc:26.97739ppm**



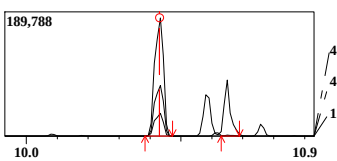
ID#:16 **Name:1,2-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:10.180 **Area:180461** **Conc:27.64465ppm**



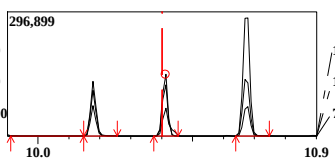
ID#:17 **Name:Benzyl Alcohol**
Mass:79.00 **Type:Target**
R.T:10.178 **Area:165366** **Conc:29.07250ppm**



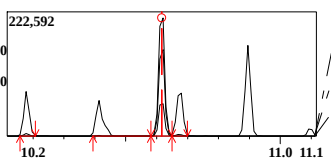
ID#:18 **Name:bis(2-Chloroisopropyl) Ether**
Mass:45.00 **Type:Target**
R.T:10.432 **Area:356095** **Conc:30.13482ppm**



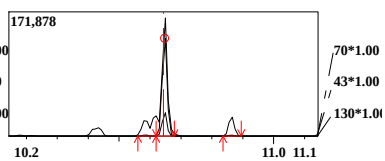
ID#:19 **Name:2-Methylphenol (o-Cresol)**
Mass:108.00 **Type:Target**
R.T:10.412 **Area:183495** **Conc:28.44256ppm**



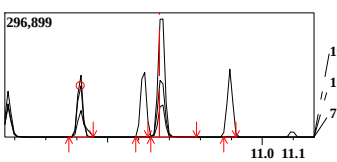
ID#:20 **Name:Acetophenone**
Mass:105.00 **Type:Target**
R.T:10.616 **Area:300914** **Conc:31.71646ppm**



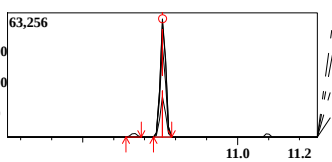
ID#:21 **Name:N-Nitrosodi-n-propylamine**
Mass:70.00 **Type:Target**
R.T:10.648 **Area:155471** **Conc:31.87665ppm**



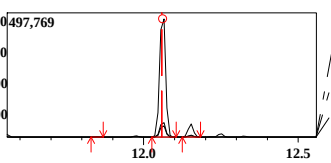
ID#:22 **Name:3+4-Methylphenol(m&p-Cresol)**
Mass:107.00 **Type:Target**
R.T:10.411 **Area:155389** **Conc:22.44801ppm**



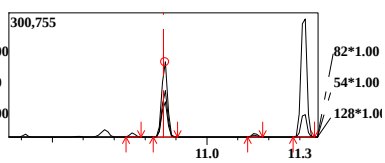
ID#:23 **Name:Hexachloroethane**
Mass:117.00 **Type:Target**
R.T:10.759 **Area:77529** **Conc:27.13061ppm**



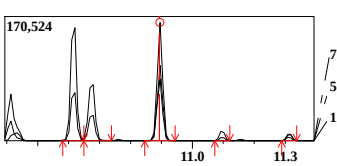
ID#:24 **Name:Naphthalene-d8 (IS)**
Mass:136.00 **Type:ISTD**
R.T:12.062 **Area:668107** **Conc:40.00000ppm**



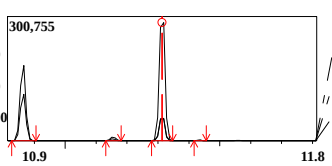
ID#:25 **Name:Nitrobenzene-d5**
Mass:82.00 **Type:Surrogate/SMC**
R.T:10.864 **Area:240772** **Conc:38.72326ppm**



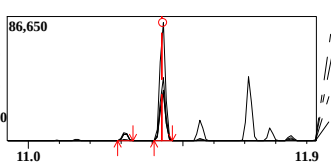
ID#:26 **Name:Nitrobenzene**
Mass:77.00 **Type:Target**
R.T:10.895 **Area:202898** **Conc:31.03726ppm**



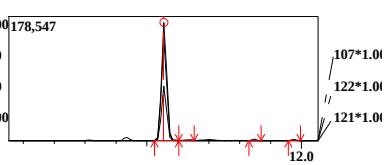
ID#:27 **Name:Isophorone**
Mass:82.00 **Type:Target**
R.T:11.314 **Area:400535** **Conc:31.10924ppm**



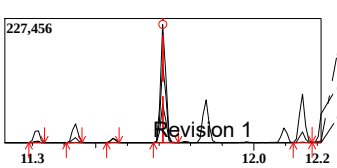
ID#:28 **Name:2-Nitrophenol**
Mass:139.00 **Type:Target**
R.T:11.435 **Area:104265** **Conc:32.53668ppm**



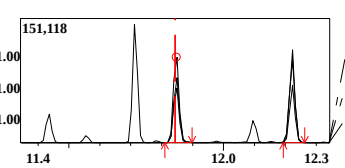
ID#:29 **Name:2,4-Dimethylphenol**
Mass:107.00 **Type:Target**
R.T:11.555 **Area:206831** **Conc:29.56927ppm**



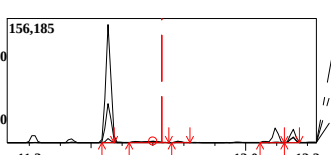
ID#:30 **Name:Bis(2-Chloroethoxy)methane**
Mass:93.00 **Type:Target**
R.T:11.713 **Area:248517** **Conc:30.41871ppm**



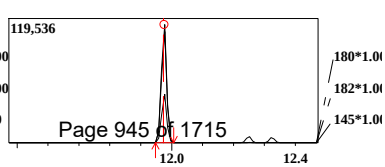
ID#:31 **Name:2,4-Dichlorophenol**
Mass:162.00 **Type:Target**
R.T:11.847 **Area:139546** **Conc:31.89200ppm**



ID#:32 **Name:Benzoic Acid**
Mass:105.00 **Type:Target**
R.T:11.700 **Area:8249** **Conc:6.45441ppm**

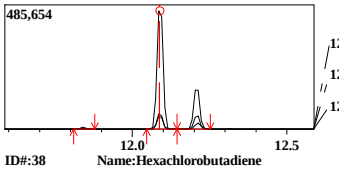


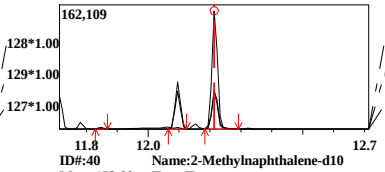
ID#:33 **Name:1,2,4-Trichlorobenzene**
Mass:180.00 **Type:Target**
R.T:11.976 **Area:139099** **Conc:30.03300ppm**



ID#:34 Name:Naphthalene
Mass:128.00 Type:Target

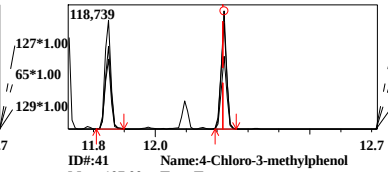
R.T:12.089 Area:658830 Conc:28.81487ppm





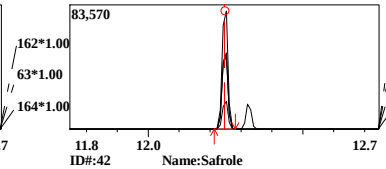
ID#:35 Name:4-Chloroaniline
Mass:127.00 Type:Target

R.T:12.215 Area:199217 Conc:24.79954ppm



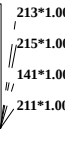
ID#:36 Name:2,6-Dichlorophenol
Mass:162.00 Type:Target

R.T:12.222 Area:134262 Conc:31.20163ppm



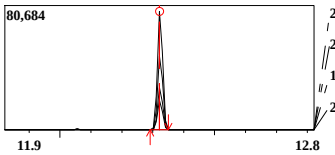
ID#:37 Name:Hexachloropropene
Mass:213.00 Type:Target

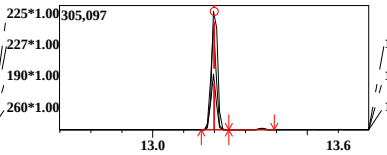
R.T:12.249 Area:106780 Conc:31.49468ppm



ID#:38 Name:Hexachlorobutadiene
Mass:225.00 Type:Target

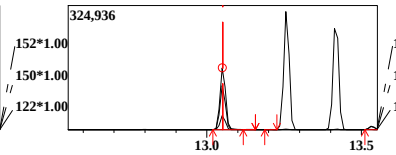
R.T:12.323 Area:92720 Conc:29.15326ppm





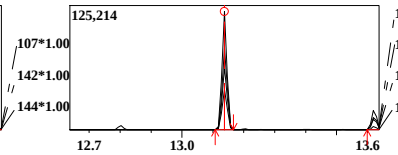
ID#:40 Name:2-Methylnaphthalene-d10
Mass:152.00 Type:Target

R.T:13.200 Area:394769 Conc:37.16664ppm



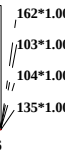
ID#:41 Name:4-Chloro-3-methylphenol
Mass:107.00 Type:Target

R.T:13.051 Area:211594 Conc:33.14555ppm



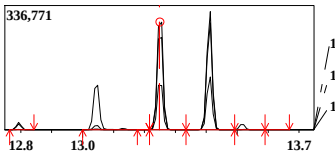
ID#:42 Name:Safrole
Mass:162.00 Type:Target

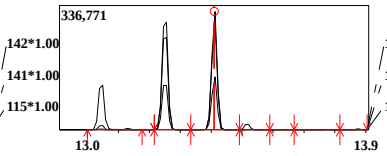
R.T:13.137 Area:135478 Conc:31.71606ppm



ID#:43 Name:2-Methylnaphthalene
Mass:142.00 Type:Target

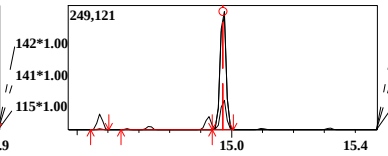
R.T:13.251 Area:417204 Conc:28.63425ppm





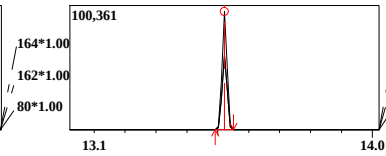
ID#:44 Name:1-Methylnaphthalene
Mass:142.00 Type:Target

R.T:13.411 Area:400561 Conc:28.98380ppm



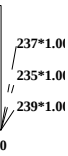
ID#:45 Name:Acenaphthene-d10 (IS)
Mass:164.00 Type:ISTD

R.T:14.973 Area:327106 Conc:40.00000ppm



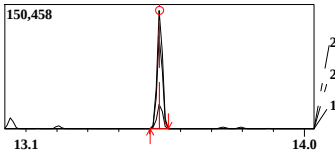
ID#:46 Name:Hexachlorocyclopentadiene
Mass:237.00 Type:Target

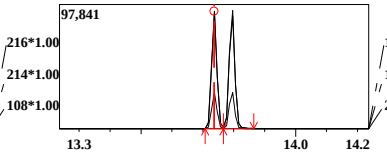
R.T:13.521 Area:112588 Conc:32.14751ppm



ID#:47 Name:1,2,4,5-Tetrachlorobenzene
Mass:216.00 Type:Target

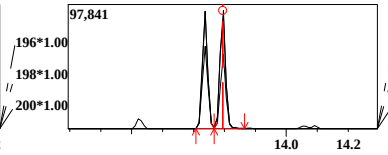
R.T:13.532 Area:177922 Conc:30.54732ppm





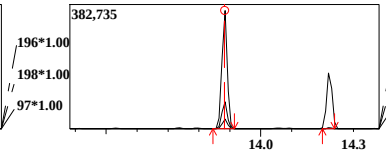
ID#:48 Name:2,4,6-Trichlorophenol
Mass:196.00 Type:Target

R.T:13.737 Area:113032 Conc:32.81816ppm



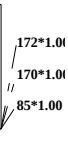
ID#:49 Name:2,4,5-Trichlorophenol
Mass:196.00 Type:Target

R.T:13.795 Area:120371 Conc:32.07029ppm



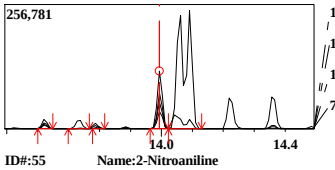
ID#:50 Name:2-Fluorobiphenyl
Mass:172.00 Type:Surrogate/SMC

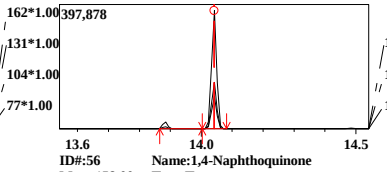
R.T:13.883 Area:441566 Conc:37.22833ppm



ID#:51 Name:Isosafrole
Mass:162.00 Type:Target

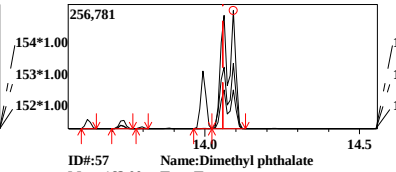
R.T:13.994 Area:142282 Conc:30.55576ppm





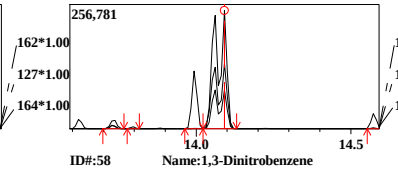
ID#:52 Name:1,1'-Biphenyl
Mass:154.00 Type:Target

R.T:14.042 Area:441198 Conc:29.89452ppm



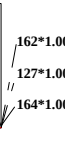
ID#:53 Name:2-Chloronaphthalene
Mass:162.00 Type:Target

R.T:14.091 Area:610272 Conc:53.30135ppm



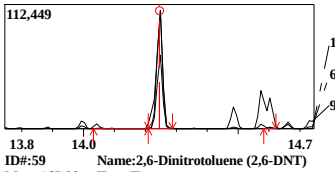
ID#:54 Name:1-Chloronaphthalene
Mass:162.00 Type:Target

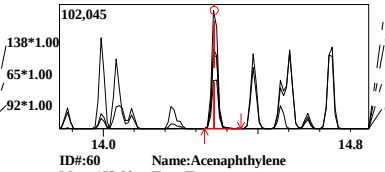
R.T:14.091 Area:610272 Conc:68.09441ppm



ID#:55 Name:2-Nitroaniline
Mass:138.00 Type:Target

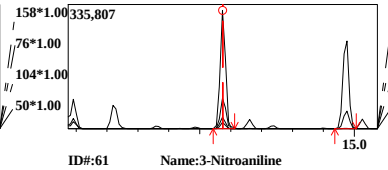
R.T:14.247 Area:137092 Conc:33.26403ppm





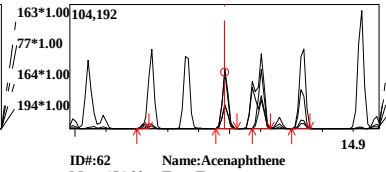
ID#:56 Name:1,4-Naphthoquinone
Mass:158.00 Type:Target

R.T:14.360 Area:136532 Conc:29.97524ppm



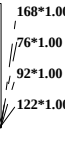
ID#:57 Name:Dimethyl phthalate
Mass:163.00 Type:Target

R.T:14.574 Area:386881 Conc:32.44706ppm



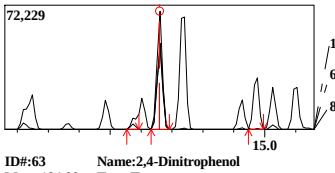
ID#:58 Name:1,3-Dinitrobenzene
Mass:168.00 Type:Target

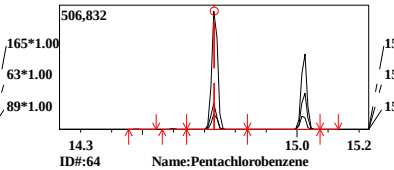
R.T:14.485 Area:58999 Conc:33.56582ppm



ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT)
Mass:165.00 Type:Target

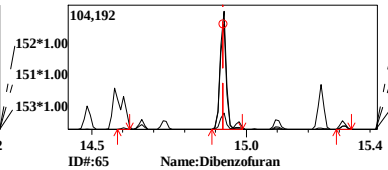
R.T:14.660 Area:84696 Conc:33.12911ppm





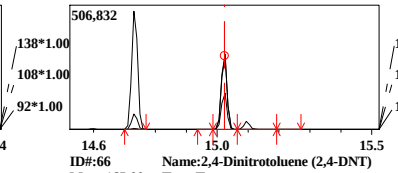
ID#:60 Name:Acenaphthylene
Mass:152.00 Type:Target

R.T:14.733 Area:658817 Conc:32.93472ppm



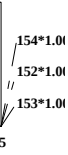
ID#:61 Name:3-Nitroaniline
Mass:138.00 Type:Target

R.T:14.925 Area:120083 Conc:35.00654ppm



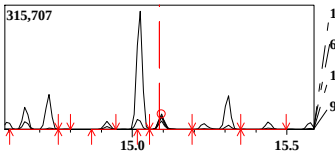
ID#:62 Name:Acenaphthene
Mass:154.00 Type:Target

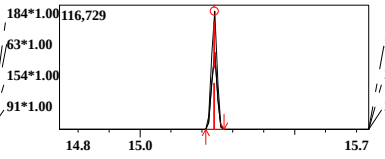
R.T:15.023 Area:388352 Conc:29.25599ppm



ID#:63 Name:2,4-Dinitrophenol
Mass:184.00 Type:Target

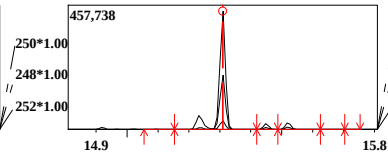
R.T:15.094 Area:52774 Conc:36.08168ppm





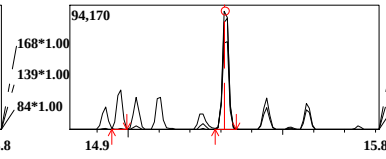
ID#:64 Name:Pentachlorobenzene
Mass:250.00 Type:Target

R.T:15.240 Area:142897 Conc:31.73971ppm



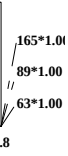
ID#:65 Name:Dibenzofuran
Mass:168.00 Type:Target

R.T:15.309 Area:544851 Conc:30.67092ppm



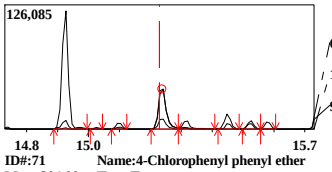
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT)
Mass:165.00 Type:Target

R.T:15.315 Area:127286 Conc:34.50998ppm



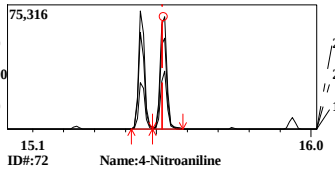
ID#:67 Name:4-Nitrophenol
Mass:65.00 Type:Target

R.T:15.238 Area:74031 Conc:29.08503ppm



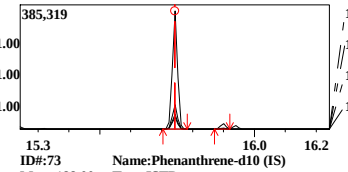
ID#:68 Name:2,3,4,6-Tetrachlorophenol
Mass:232.00 Type:Target

R.T:15.523 Area:104636 Conc:32.96942ppm



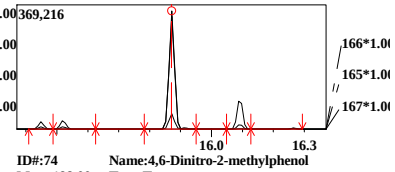
ID#:69 Name:Diethyl phthalate
Mass:149.00 Type:Target

R.T:15.743 Area:430669 Conc:33.15935ppm



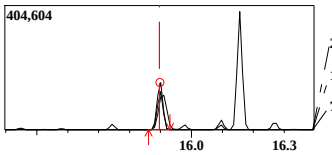
ID#:70 Name:Fluorene
Mass:166.00 Type:Target

R.T:15.871 Area:438866 Conc:30.40407ppm



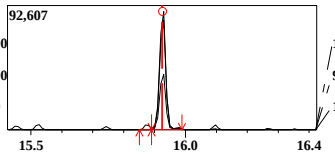
ID#:71 Name:4-Chlorophenyl phenyl ether
Mass:204.00 Type:Target

R.T:15.899 Area:206728 Conc:32.17122ppm



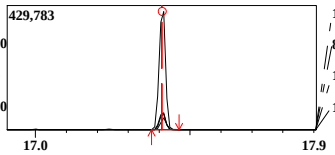
ID#:72 Name:4-Nitroaniline
Mass:138.00 Type:Target

R.T:15.927 Area:123451 Conc:38.66456ppm



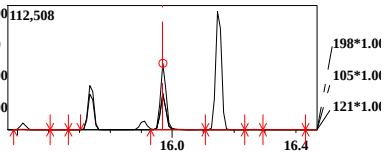
ID#:73 Name:Phenanthrene-d10 (IS)
Mass:188.00 Type:ISTD

R.T:17.411 Area:606999 Conc:40.00000ppm



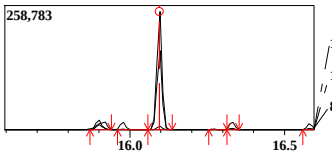
ID#:74 Name:4,6-Dinitro-2-methylphenol
Mass:198.00 Type:Target

R.T:15.971 Area:78298 Conc:39.45331ppm



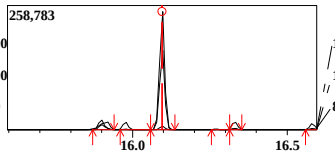
ID#:75 Name:N-Nitrosodiphenylamine
Mass:169.00 Type:Target

R.T:16.096 Area:289782 Conc:27.59475ppm



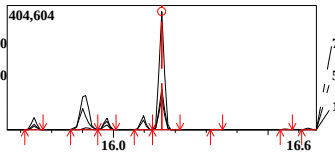
ID#:76 Name:Diphenylamine
Mass:169.00 Type:Target

R.T:16.096 Area:289782 Conc:27.59475ppm



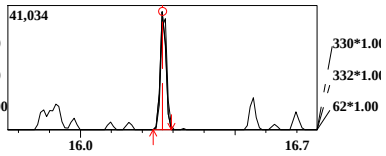
ID#:77 Name:1,2-Diphenylhydrazine
Mass:77.00 Type:Target

R.T:16.156 Area:459266 Conc:32.66345ppm



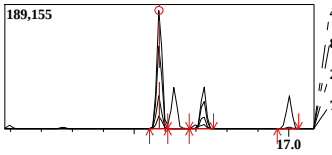
ID#:78 Name:2,4,6-Tribromophenol
Mass:330.00 Type:Surrogate/SMC

R.T:16.267 Area:51093 Conc:37.64346ppm



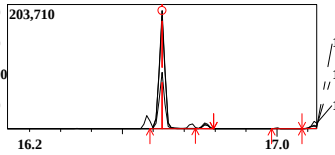
ID#:79 Name:(cis/trans)-Diallate
Mass:43.00 Type:Target

R.T:16.581 Area:224541 Conc:33.84674ppm



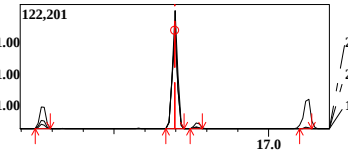
ID#:80 Name:Phenacetin
Mass:108.00 Type:Target

R.T:16.628 Area:249194 Conc:36.15457ppm



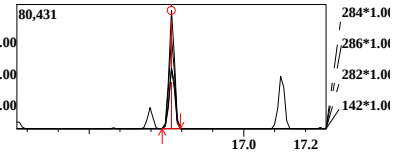
ID#:81 Name:4-Bromophenyl phenyl ether
Mass:250.00 Type:Target

R.T:16.697 Area:114362 Conc:32.81249ppm



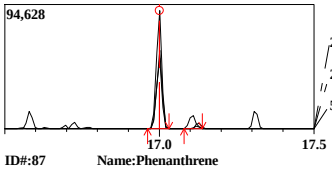
ID#:82 Name:Hexachlorobenzene
Mass:284.00 Type:Target

R.T:16.767 Area:96536 Conc:30.38686ppm



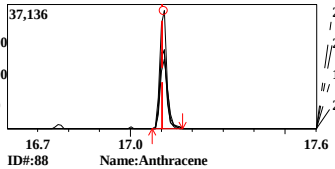
ID#:83 Name:Atrazine
Mass:200.00 Type:Target

R.T:17.000 Area:111317 Conc:31.69594ppm



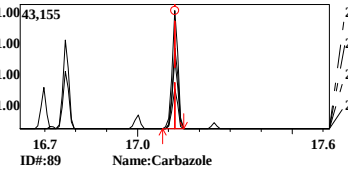
ID#:84 Name:Pentachlorophenol
Mass:266.00 Type:Target

R.T:17.107 Area:55707 Conc:33.32356ppm



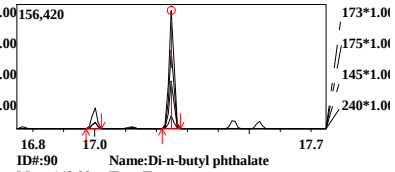
ID#:85 Name:Pentachloronitrobenzene
Mass:237.00 Type:Target

R.T:17.121 Area:55056 Conc:33.19292ppm



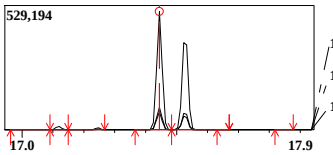
ID#:86 Name:Pronamide (Kerb)
Mass:173.00 Type:Target

R.T:17.248 Area:173535 Conc:33.78502ppm



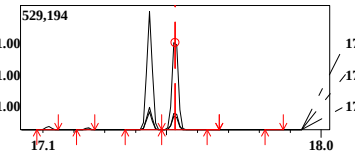
ID#:87 Name:Phenanthrene
Mass:178.00 Type:Target

R.T:17.445 Area:627300 Conc:31.15552ppm



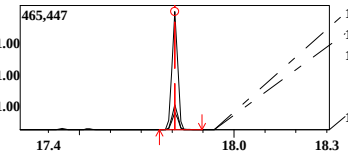
ID#:88 Name:Anthracene
Mass:178.00 Type:Target

R.T:17.528 Area:551706 Conc:26.23638ppm



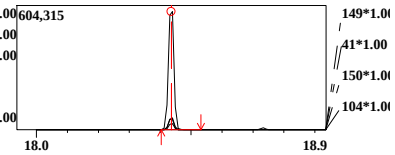
ID#:89 Name:Carbazole
Mass:167.00 Type:Target

R.T:17.809 Area:581208 Conc:31.05473ppm



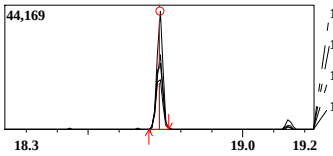
ID#:90 Name:Di-n-butyl phthalate
Mass:149.00 Type:Target

R.T:18.436 Area:764092 Conc:34.61899ppm



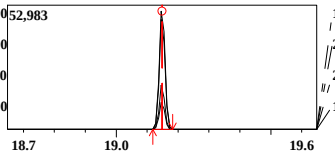
ID#:91 Name:4-Nitroquinoline-N-Oxide
Mass:190.00 Type:Target

R.T:18.732 Area:54968 Conc:37.65450ppm



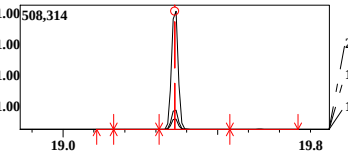
ID#:92 Name:Isodrin
Mass:193.00 Type:Target

R.T:19.148 Area:69441 Conc:34.76396ppm



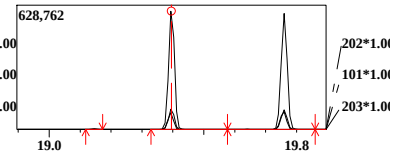
ID#:93 Name:Fluoranthene-d10
Mass:212.00 Type:Target

R.T:19.362 Area:739997 Conc:39.30944ppm



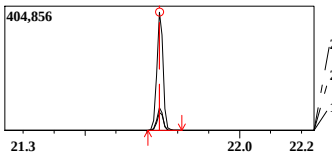
ID#:94 Name:Fluoranthene
Mass:202.00 Type:Target

R.T:19.395 Area:801112 Conc:32.32651ppm



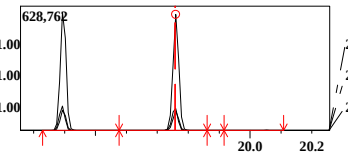
ID#:95 Name:Chrysene-d12 (IS)
Mass:240.00 Type:ISTD

R.T:21.742 Area:548295 Conc:40.00000ppm



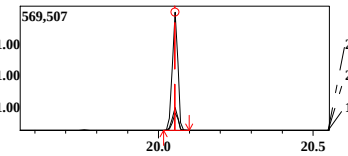
ID#:96 Name:Pyrene
Mass:202.00 Type:Target

R.T:19.760 Area:802600 Conc:31.16496ppm



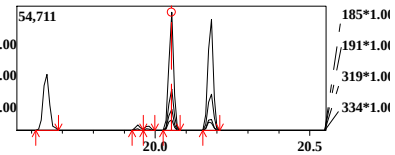
ID#:97 Name:p-Terphenyl-d14
Mass:244.00 Type:Surrogate/SMC

R.T:20.053 Area:680245 Conc:41.68616ppm



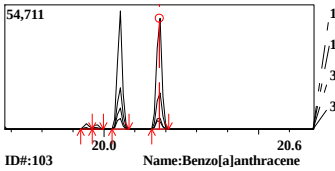
ID#:98 Name:Aramite A
Mass:185.00 Type:Target

R.T:20.052 Area:56735 Conc:17.13913ppm



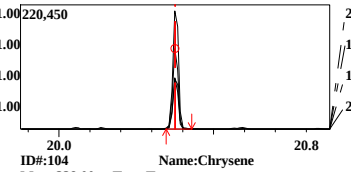
ID#:99 Name:Aramite B
Mass:185.00 Type:Target

R.T:20.180 Area:59138 Conc:18.06310ppm



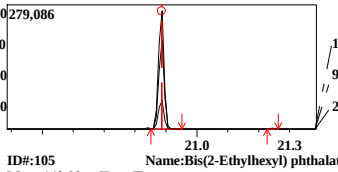
ID#:100 Name:Chlorobenzilate
Mass:251.00 Type:Target

R.T:20.376 Area:177576 Conc:35.21463ppm



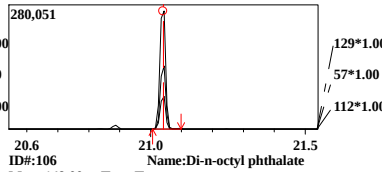
ID#:101 Name:Butyl benzyl phthalate
Mass:149.00 Type:Target

R.T:20.885 Area:330752 Conc:33.87754ppm



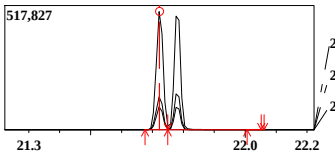
ID#:102 Name:Di(2-ethylhexyl) adipate
Mass:129.00 Type:Target

R.T:21.039 Area:348627 Conc:33.16223ppm



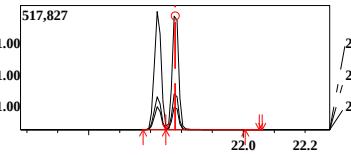
ID#:103 Name:Benzo[a]anthracene
Mass:228.00 Type:Target

R.T:21.723 Area:758193 Conc:33.02487ppm



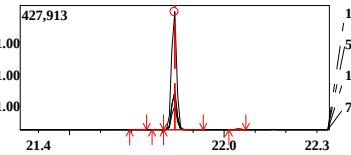
ID#:104 Name:Chrysene
Mass:228.00 Type:Target

R.T:21.781 Area:714025 Conc:30.81762ppm



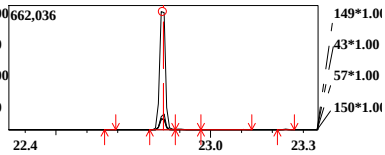
ID#:105 Name:Bis(2-Ethylhexyl) phthalate
Mass:149.00 Type:Target

R.T:21.839 Area:481105 Conc:33.58560ppm



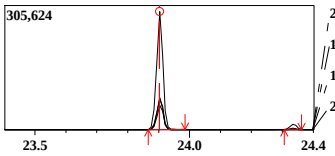
ID#:106 Name:Di-n-octyl phthalate
Mass:149.00 Type:Target

R.T:22.844 Area:848356 Conc:35.46989ppm



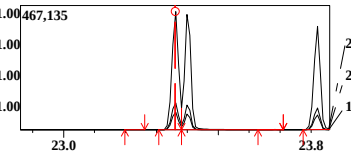
ID#:107 Name:Perylene-d12 (IS)
Mass:264.00 Type:ISTD

R.T:23.904 Area:416229 Conc:40.00000ppm



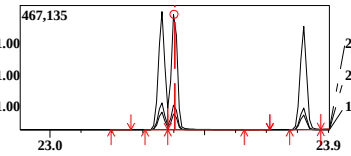
ID#:108 Name:Benzo[b]fluoranthene
Mass:252.00 Type:Target

R.T:23.361 Area:667908 Conc:32.40755ppm



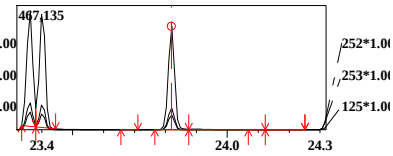
ID#:109 Name:Benzo[k]fluoranthene
Mass:252.00 Type:Target

R.T:23.401 Area:601268 Conc:30.61337ppm



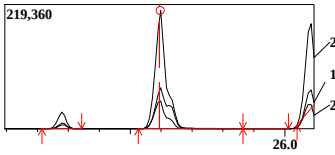
ID#:110 Name:Benzo[a]pyrene
Mass:252.00 Type:Target

R.T:23.820 Area:559770 Conc:34.74505ppm



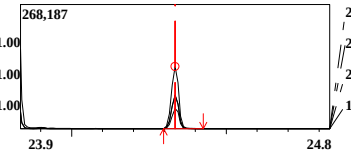
ID#:111 Name:Indeno(1,2,3-cd)pyrene
Mass:276.00 Type:Target

R.T:25.597 Area:521764 Conc:42.97141ppm



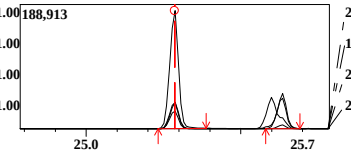
ID#:112 Name:3-Methylcholanthrene
Mass:268.00 Type:Target

R.T:24.334 Area:222937 Conc:30.95622ppm



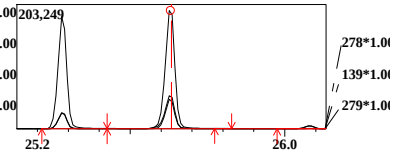
ID#:113 Name:Dibenz(a,j)Acridine
Mass:279.00 Type:Target

R.T:25.285 Area:348904 Conc:33.05221ppm



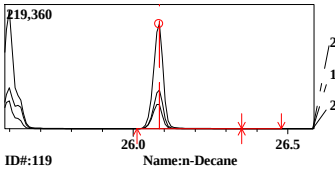
ID#:114 Name:Dibenzo[a,h]anthracene
Mass:278.00 Type:Target

R.T:25.630 Area:433720 Conc:34.42333ppm



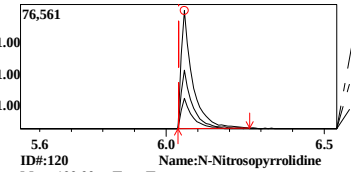
ID#:115 Name:Benzo[g,h,i]perylene
Mass:276.00 Type:Target

R.T:26.082 Area:414386 Conc:32.59164ppm



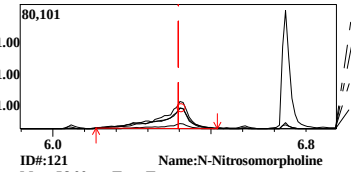
ID#:116 Name:2-Picoline (2-Methylpyridine)
Mass:93.00 Type:Target

R.T:6.058 Area:180066 Conc:24.67758ppm



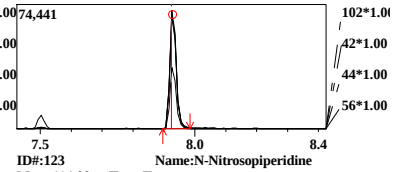
ID#:117 Name:N-Nitrosomethylethylamine
Mass:88.00 Type:Target

R.T:6.405 Area:78211 Conc:25.40818ppm



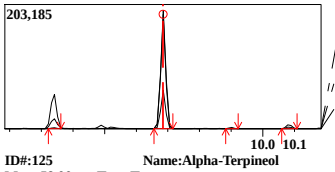
ID#:118 Name:N-Nitrosodiethylamine
Mass:102.00 Type:Target

R.T:7.928 Area:99415 Conc:29.84585ppm



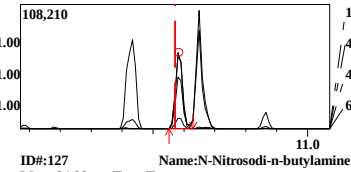
ID#:119 Name:n-Decane
Mass:57.00 Type:Target

R.T:9.685 Area:206768 Conc:23.70137ppm



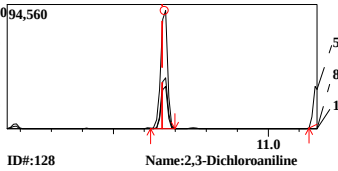
ID#:120 Name:N-Nitrosopyrrolidine
Mass:100.00 Type:Target

R.T:10.584 Area:106809 Conc:32.85288ppm



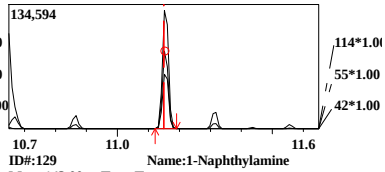
ID#:121 Name:N-Nitrosomorpholine
Mass:56.00 Type:Target

R.T:10.665 Area:140437 Conc:34.84294ppm



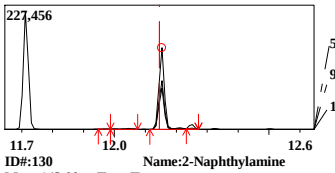
ID#:123 Name:N-Nitrosopiperidine
Mass:114.00 Type:Target

R.T:11.154 Area:112950 Conc:32.80362ppm



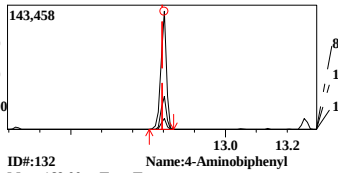
ID#:125 Name:Alpha-Terpineol
Mass:59.00 Type:Target

R.T:12.153 Area:186764 Conc:32.28334ppm



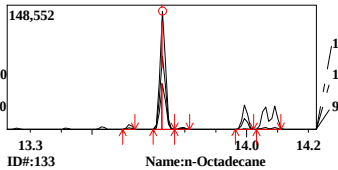
ID#:127 Name:N-Nitrosodi-n-butylamine
Mass:84.00 Type:Target

R.T:12.802 Area:168682 Conc:35.99207ppm



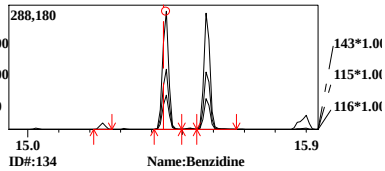
ID#:128 Name:2,3-Dichloroaniline
Mass:161.00 Type:Target

R.T:13.728 Area:176720 Conc:31.70843ppm



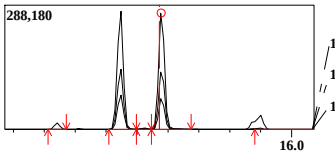
ID#:129 Name:1-Naphthylamine
Mass:143.00 Type:Target

R.T:15.446 Area:374889 Conc:31.15940ppm



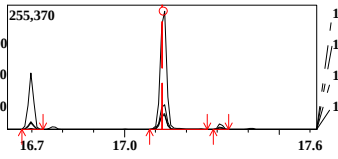
ID#:130 Name:2-Naphthylamine
Mass:143.00 Type:Target

R.T:15.579 Area:371492 Conc:26.78208ppm



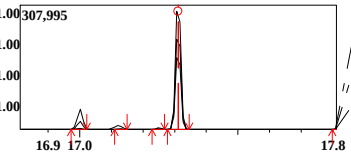
ID#:132 Name:4-Aminobiphenyl
Mass:169.00 Type:Target

R.T:17.126 Area:359617 Conc:27.56886ppm



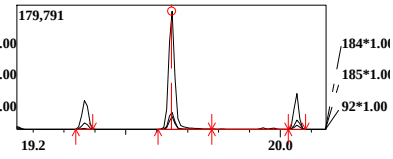
ID#:133 Name:n-Octadecane
Mass:57.00 Type:Target

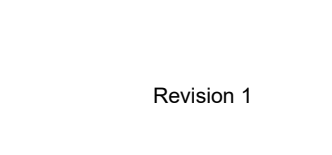
R.T:17.311 Area:380982 Conc:31.05159ppm



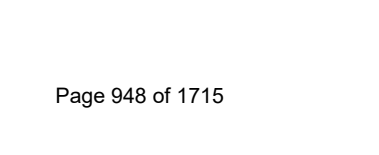
ID#:134 Name:Benzidine
Mass:184.00 Type:Target

R.T:19.648 Area:246236 Conc:20.25763ppm



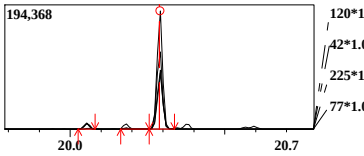






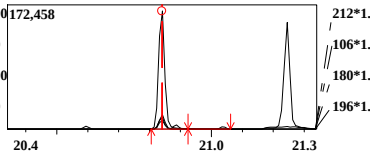
ID#:135 Name:4-Dimethyl aminoazobenzene
Mass:120.00 Type:Target

R.T:20.290 Area:226277 Conc:34.18719ppm



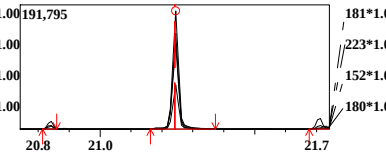
ID#:136 Name:3,3'-Dimethylbenzidine
Mass:212.00 Type:Target

R.T:20.839 Area:225870 Conc:15.57398ppm



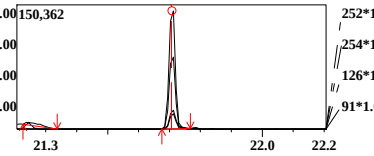
ID#:137 Name:2-Acetylaminofluorene
Mass:181.00 Type:Target

R.T:21.244 Area:263591 Conc:36.31206ppm



ID#:138 Name:3,3`-Dichlorobenzidine
Mass:252.00 Type:Target

R.T:21.709 Area:205332 Conc:30.10312ppm



Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS

METHOD BLANK SUMMARY

FORM 4A

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Sample ID: 4560641
Method Blank ID: MB for HBN 138345 [EXTj/5238]
Method Blank Lab File ID: 221214H013.qgd
Date/Time Analyzed: 12/14/2022 16:00
Matrix: WATER
Instrument ID: J7H

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

Client ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
A143-RS616-GW-AEB3065-REG	J2215752004	221212H025.qgd	12/13/2022	00:28
A143-RS888-GW-AEB3073-REG	J2215752005	221212H026.qgd	12/13/2022	01:09
A143-RS886-GW-AEB3072-REG	J2215752006	221212H027.qgd	12/13/2022	01:49
A143-RS615-GW-AEB3064-REG	J2215752007	221212H028.qgd	12/13/2022	02:30
A143-RS569-GW-AEB3062-REG	J2215752008	221212H029.qgd	12/13/2022	03:10
143-RS2648-GW-AEB3085-REG	J2215752009	221212H030.qgd	12/13/2022	03:50
A143-RS829-GW-AEB3070-REG	J2215752010	221212H031.qgd	12/13/2022	04:30
A143-RS829-GW-AEB3071-FD	J2215752011	221212H032.qgd	12/13/2022	05:10
A143-RS890-GW-AEB3074-REG	J2215752012	221212H033.qgd	12/13/2022	05:50
143-Site-WA-AEB9001-REG	J2215752014	221212H034.qgd	12/13/2022	06:30
A143-RS614-GW-AEB3063-REG	J2215752003	221212H035.qgd	12/13/2022	07:11
LCS for HBN 138345 [EXTj/5238]	4560642	221214H014.qgd	12/14/2022	16:42
LCSD for HBN 138345 [EXTj/5238	4560643	221214H015.qgd	12/14/2022	17:23
A143-RS566-GW-AEB3058-REG	J2215752002	221214H016.qgd	12/14/2022	18:05
A143-RS566-GW-AEB3058-REGMS	4560644	221214H017.qgd	12/14/2022	18:46
A143-RS566-GW-AEB3058-REGMS	4560645	221214H018.qgd	12/14/2022	19:27

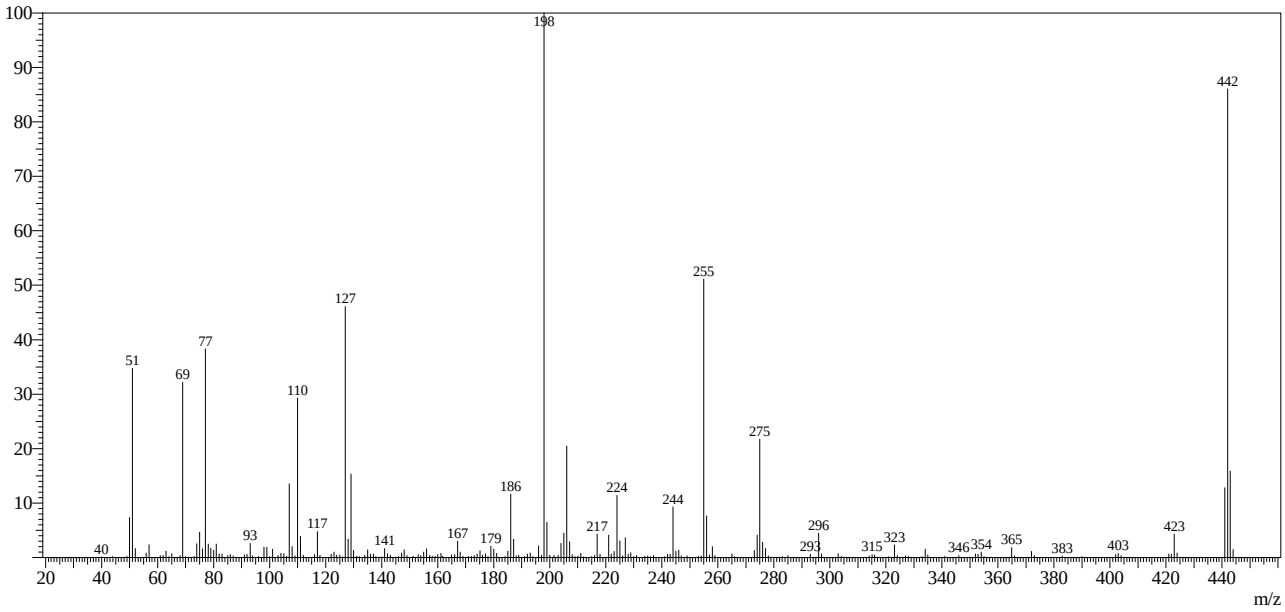
Instrument : J7H Method : dfttp

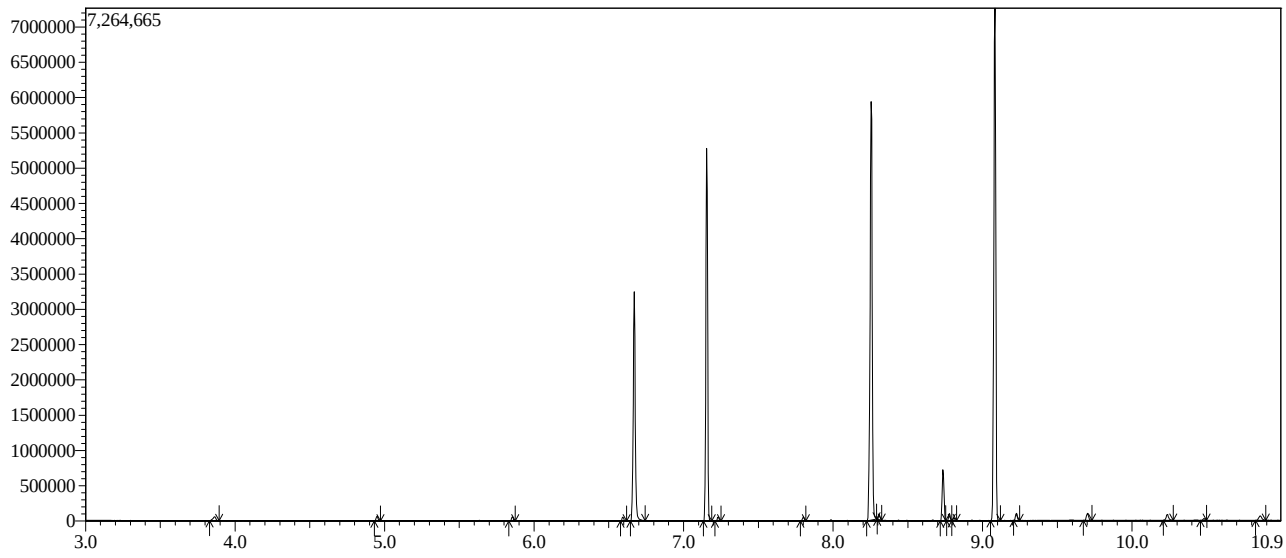
GC Column Length : 30.0m InsideDiameter : 0.25mm

Sample ID : TUNE
File Name : C:\GCMSsolution\Data\221130H003.qgd Date : 11/30/2022 Time : 17:06:14

Spectrum Check

m/z	Criteria	Rel Inten.	Result	Status
51	30 - 60 percent of mass 198	34.74	34.74	Pass
68	Less than 2 percent of mass 69	0.35	1.10	Pass
70	Less than 2 percent of mass 69	0.15	0.47	Pass
127	40 - 60 percent of mass 198	46.11	46.11	Pass
197	Less than 1 percent of mass 198	0.41	0.41	Pass
198	Base peak, 100 percent relative abundance	100.00	100.00	Pass
199	5 - 9 percent of mass 198	6.44	6.44	Pass
275	10 - 30 percent of mass198	21.76	21.76	Pass
365	Greater than 1 percent of mass 198	1.84	1.84	Pass
441	Present but less than mass 443	12.82	80.68	Pass
442	Greater than 40 percent of mass 198	86.08	86.08	Pass
443	17 - 23 percent of mass 442	15.90	18.47	Pass





Tailing Factor and Degredation Sheet for EPA 8270/625.1

Instrument ID:	J7H
Sequence Date:	221130H
Data File:	221130H003

DDT Degradation

Need < 15% Breakdown for Passing Criteria

			Pass/Fail
DDE Area Count:	8440	% Breakdown of DDT 0.55638	Pass
DDD Area Count:	28496		
DDT Area Count:	6601688		

Tailing Factor

Pentachlorophenol (PCP) Tailing Factor <5.0 for 8270C and <2.0 for 625.1, 8270D/E Passing Criteria
Benzidine Tailing Factor <3.0 8270C and <2.0 625.1, 8270D/E for Passing Criteria

Column Performance Report - TIC

	Ret Time	k'	T plate	HETP	Tailing Factor	Resolution	Sep Factor	Area	Height
Pentachlorophenol	6.67	0.726	852310	0	1.024	2.851	1.028	3,068,720	3,245,763
Benzidine	8.255	1.136	1160722	0	0.887	16.538	1.116	6,007,821	5,926,832
DDE	8.438	1.184	1582158	0	1.059	5.01	1.029	8,440	8,358
DDD	8.808	1.279	2377490	0	1.046	1.283	1.006	28,496	38,906
DDT	9.082	1.35	1561984	0	0.918	10.543	1	6,601,688	7,256,996

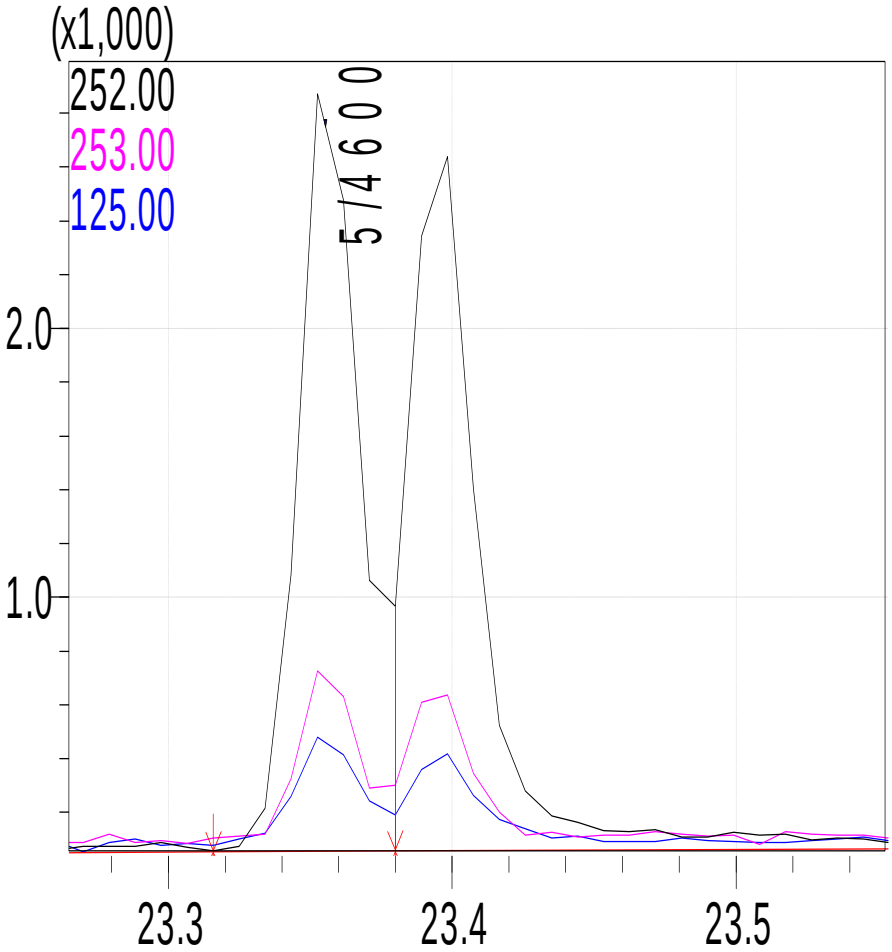
	625.1/8270D/E Pass/Fail
Pentachlorophenol	Pass
Benzidine	Pass

	8270C Pass/Fail
Pentachlorophenol	Pass
Benzidine	Pass

DCN: SVOC-D173
eff 17/10/2017; Rev 3/13/2019

Resolution Check Data File:	221130H004	Sequence Date:	221130H
Analyst:	CMN	Instrument ID:	J7H

**Screen shot of Benzo(b)fluoranthene and Benzo(k)fluoranthene



Benzo(b)fluoranthene height =	11.7	cm
Benzo(k)fluoranthene height =	10.7	cm
Avg height of Benzo(b) and (k) =	11.2	cm
50% Avg height of Benz (b) and (k) =	5.6	cm
Height of valley between 2 peaks =	3.8	cm
Resolution	Pass	

Resolution is achieved if the height of the valley between Benzo(b)fluoranthene and Benzo(k)fluoranthene is less than 50% of the average of the 2 peak heights.

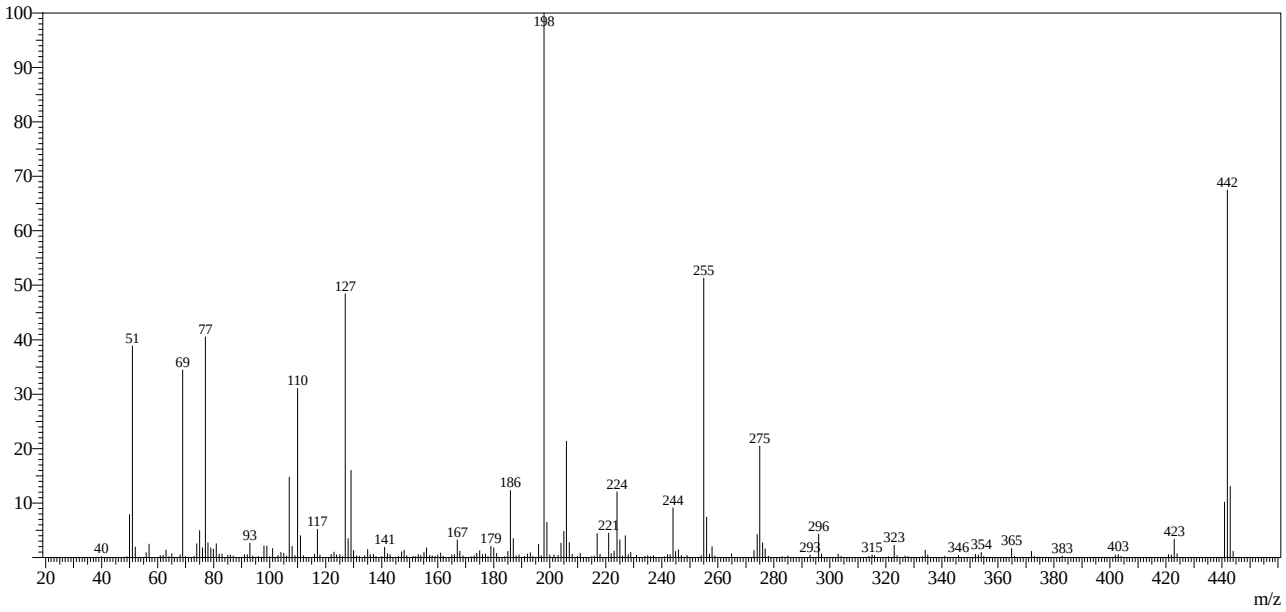
Instrument : J7H Method : dfttp

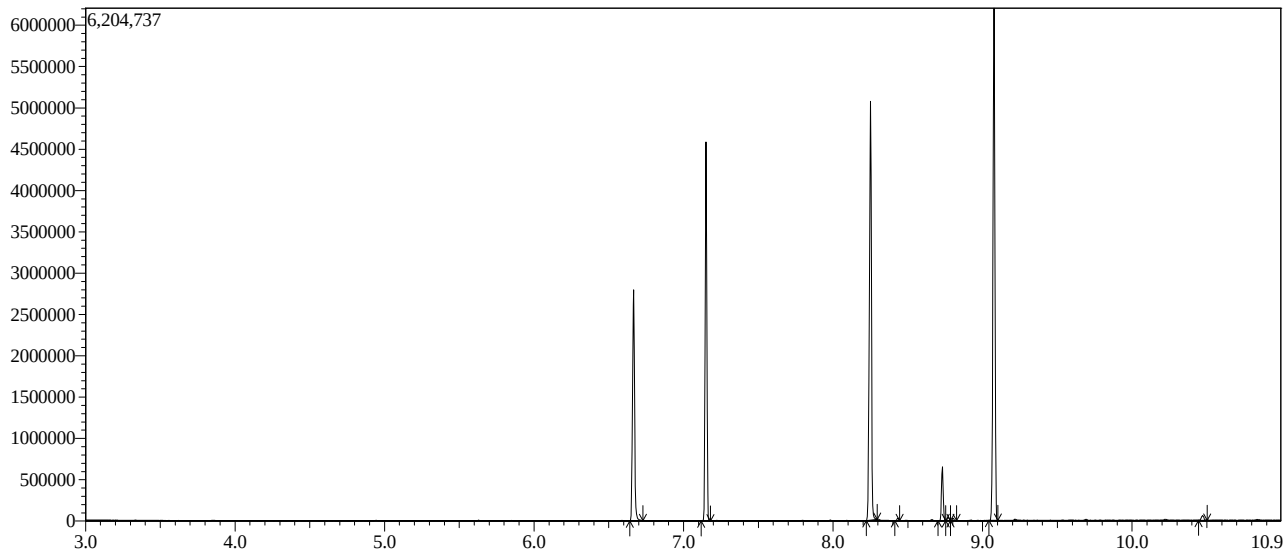
GC Column Length : 30.0m InsideDiameter : 0.25mm

Sample ID : TUNE
File Name : C:\GCMSsolution\Data\221212H023.qgd Date : 12/12/2022 Time : 23:21:21

Spectrum Check

m/z	Criteria	Rel Inten.	Result	Status
51	30 - 60 percent of mass 198	38.84	38.84	Pass
68	Less than 2 percent of mass 69	0.48	1.40	Pass
70	Less than 2 percent of mass 69	0.17	0.49	Pass
127	40 - 60 percent of mass 198	48.43	48.43	Pass
197	Less than 1 percent of mass 198	0.33	0.33	Pass
198	Base peak, 100 percent relative abundance	100.00	100.00	Pass
199	5 - 9 percent of mass 198	6.47	6.47	Pass
275	10 - 30 percent of mass198	20.49	20.49	Pass
365	Greater than 1 percent of mass 198	1.67	1.67	Pass
441	Present but less than mass 443	10.15	77.89	Pass
442	Greater than 40 percent of mass 198	67.46	67.46	Pass
443	17 - 23 percent of mass 442	13.04	19.32	Pass





Tailing Factor and Degredation Sheet for EPA 8270/625.1

Instrument ID:	J7H
Sequence Date:	221212H
Data File:	221212H023

DDT Degradation

Need < 15% Breakdown for Passing Criteria

				Pass/Fail
DDE Area Count:	23638	% Breakdown of DDT	0.81	Pass
DDD Area Count:	22929			
DDT Area Count:	5702475			

Tailing Factor

Pentachlorophenol (PCP) Tailing Factor <5.0 for 8270C and <2.0 for 625.1, 8270D/E Passing Criteria
Benzidine Tailing Factor <3.0 8270C and <2.0 625.1, 8270D/E for Passing Criteria

Column Performance Report - TIC

	Ret Time	k'	T plate	HETP	Tailing Factor	Resolution	Sep Factor	Area	Height
Pentachlorophenol	6.665	0	796026	0	1.03			2,708,083	2,794,259
Benzidine	8.25	0.238	1097550	0	0.909	39.239	3.27	4,937,575	5,066,841
DDE	8.433	0.265	2025678	0	0.924	6.618	1.115	23,638	30,329
DDD	8.802	0.321	2596351	0	1.094	1.33	1.015	22,929	31,316
DDT	9.076	0.362	1607670	0	0.905	10.875	1	5,702,475	6,196,509

	625.1/8270D/E Pass/Fail
Pentachlorophenol	Pass
Benzidine	Pass

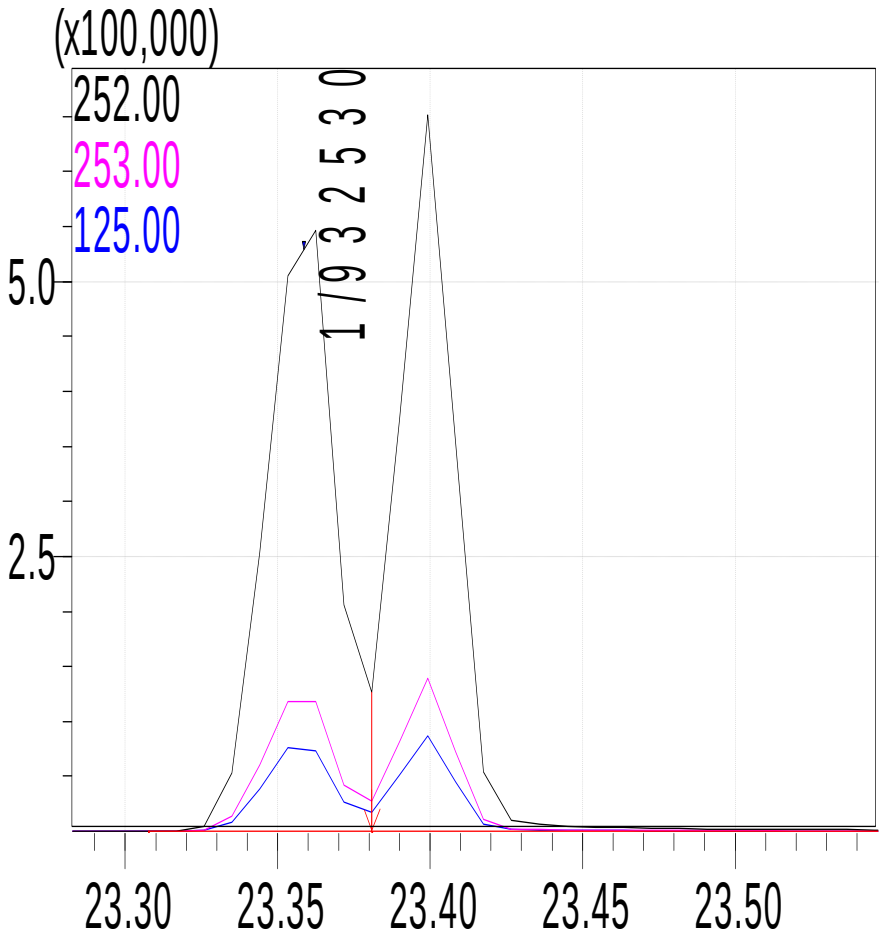
	8270C Pass/Fail
Pentachlorophenol	Pass
Benzidine	Pass

DCN: SVOC-D173
eff 17/10/2017; Rev 3/13/2019

Resolution Check Data File: 221212H024
Analyst: CMN

Sequence Date: 2211212H
Instrument ID: J7H

**Screen shot of Benzo(b)fluoranthene and Benzo(k)fluoranthene



Benzo(b)fluoranthene height =	9.3	cm
Benzo(k)fluoranthene height =	11.2	cm
Avg height of Benzo(b) and (k) =	10.25	cm
50% Avg height of Benz (b) and (k) =	5.125	cm
Height of valley between 2 peaks =	2.3	cm
Resolution	Pass	

Resolution is achieved if the height of the valley between Benzo(b)fluoranthene and Benzo(k)fluoranthene is less than 50% of the average of the 2 peak heights.

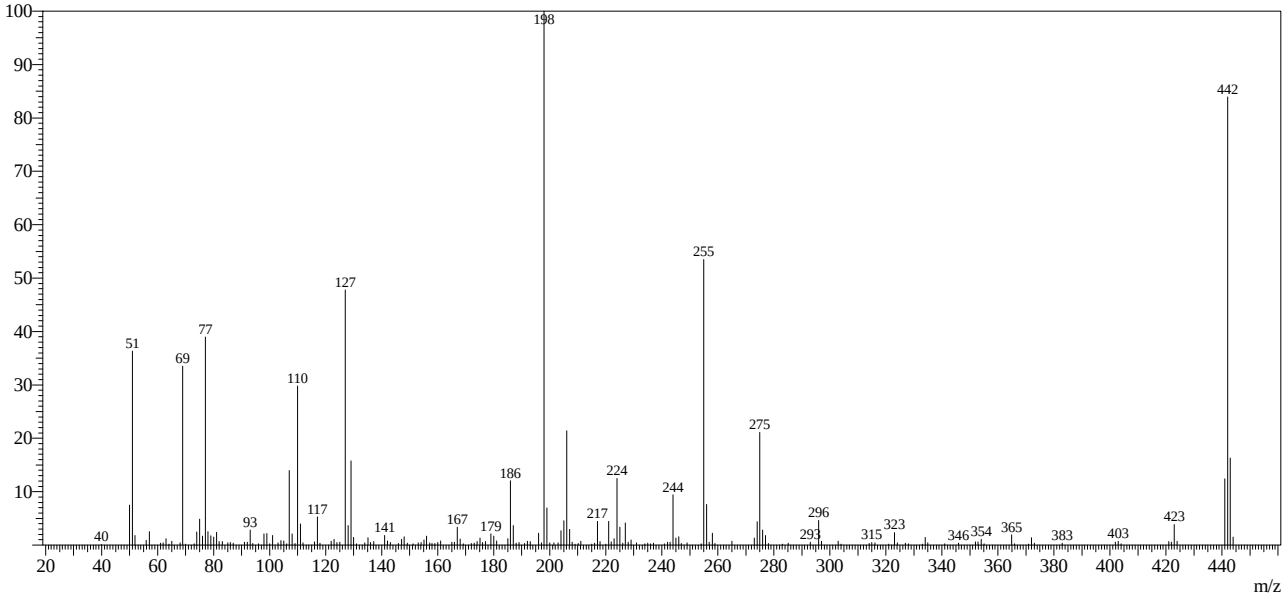
Instrument : J7H Method : dfttp

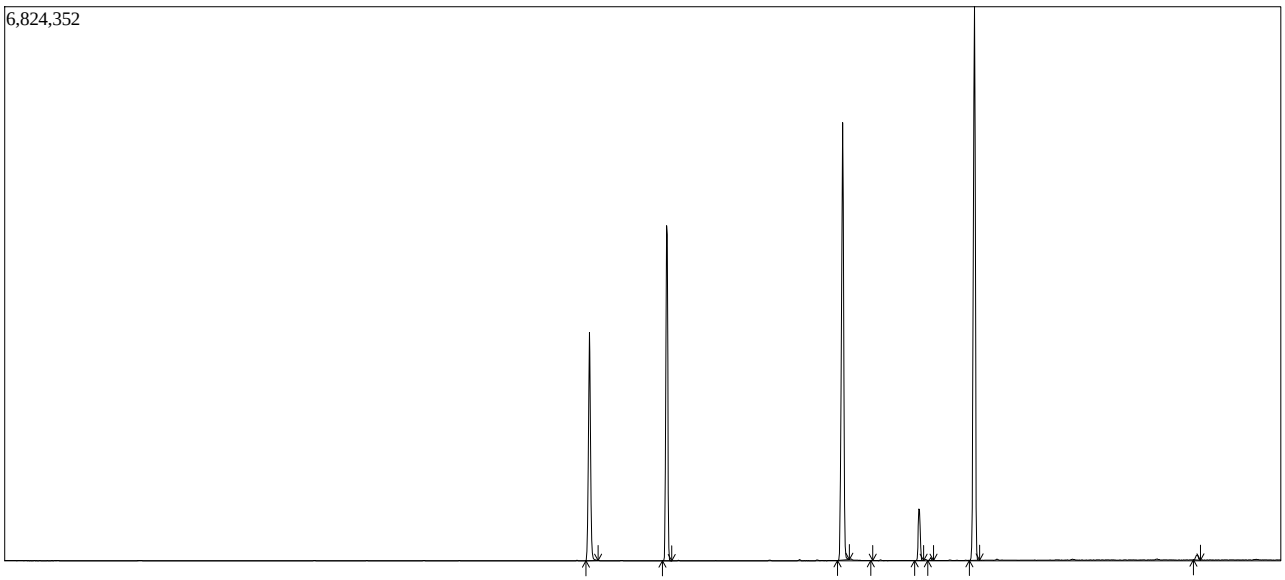
GC Column Length : 30.0m InsideDiameter : 0.25mm

Sample ID : TUNE
File Name : C:\GCMSsolution\Data\221214H003.qgd Date : 12/14/2022 Time : 09:27:57

Spectrum Check

m/z	Criteria	Rel Inten.	Result	Status
51	30 - 60 percent of mass 198	36.33	36.33	Pass
68	Less than 2 percent of mass 69	0.40	1.19	Pass
69	Mass 69 relative abundunce	33.52	33.52	Pass
70	Less than 2 percent of mass 69	0.19	0.57	Pass
127	40 - 60 percent of mass 198	47.79	47.79	Pass
197	Less than 1 percent of mass 198	0.44	0.44	Pass
198	Base peak, 100 percent relative abundance	100.00	100.00	Pass
199	5 - 9 percent of mass 198	6.93	6.93	Pass
275	10 - 30 percent of mass198	21.10	21.10	Pass
365	Greater than 1 percent of mass 198	1.89	1.89	Pass
441	Present but less than mass 443	12.41	76.09	Pass
442	Greater than 40 percent of mass 198	83.95	83.95	Pass
443	17 - 23 percent of mass 442	16.31	19.43	Pass





Tailing Factor and Degredation Sheet for EPA 8270/625.1

Instrument ID:	J7H
Sequence Date:	221214H
Data File:	221214H003

DDT Degradation

Need < 15% Breakdown for Passing Criteria

				Pass/Fail
DDE Area Count:	699	% Breakdown of DDT	0.43874	Pass
DDD Area Count:	25637			
DDT Area Count:	5976281			

Tailing Factor

Pentachlorophenol (PCP) Tailing Factor <5.0 for 8270C and <2.0 for 625.1, 8270D/E Passing Criteria
Benzidine Tailing Factor <3.0 8270C and <2.0 625.1, 8270D/E for Passing Criteria

Column Performance Report - TIC

	Ret Time	k'	T plate	HETP	Tailing Factor	Resolution	Sep Factor	Area	Height
Pentachlorophenol	6.664	0	853644	0	1.039			2,634,212	2,809,666
Benzidine	8.25	0.238	1008171	0	0.878	38.01	3.273	5,450,060	5,389,627
DDE	8.432	0.265	5336522	0	---	7.654	1.115	699	1,644
DDD	8.801	0.321	2592100	0	0.981	3.023	1.035	25,637	35,225
DDT	9.075	0.362	1707106	0	0.913	11.031	1	5,976,281	6,815,895

	625.1/8270D/E Pass/Fail
Pentachlorophenol	Pass
Benzidine	Pass

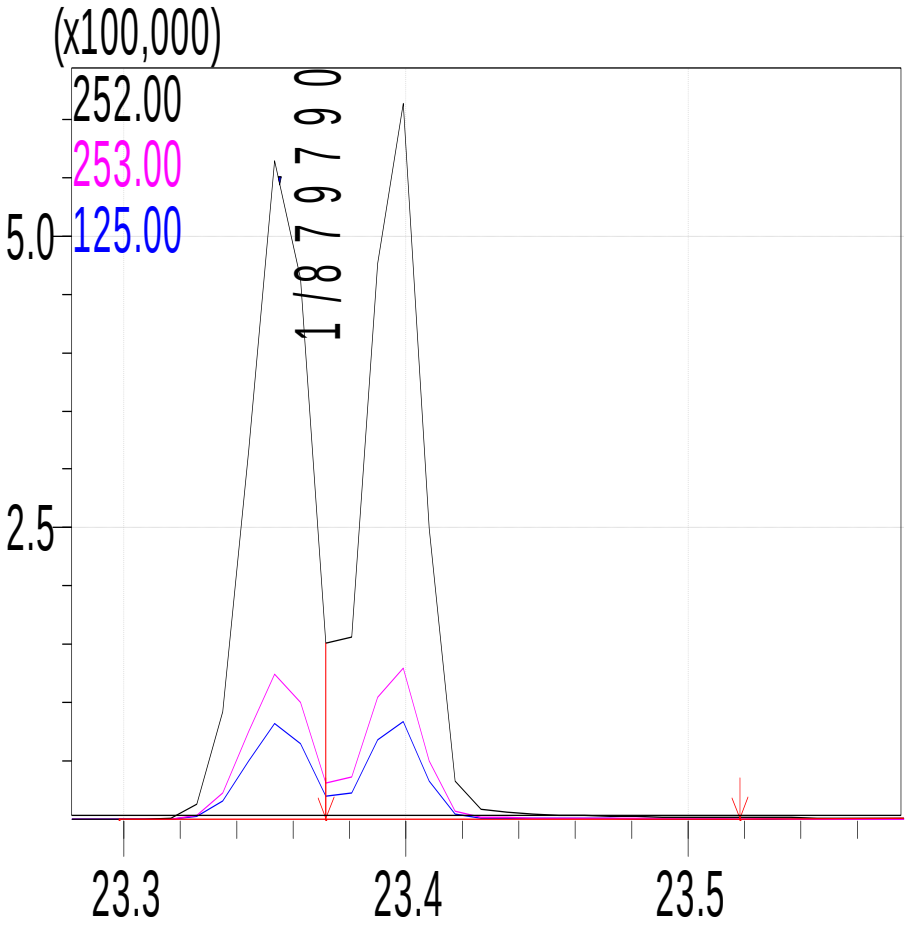
	8270C Pass/Fail
Pentachlorophenol	Pass
Benzidine	Pass

DCN: SVOC-D173
eff 17/10/2017; Rev 3/13/2019

Resolution Check Data File: 221214H004
Analyst: CMN

Sequence Date: 2211214H
Instrument ID: J7H

**Screen shot of Benzo(b)fluoranthene and Benzo(k)fluoranthene



Benzo(b)fluoranthene height =	10.2	cm
Benzo(k)fluoranthene height =	11.1	cm
Avg height of Benzo(b) and (k) =	10.65	cm
50% Avg height of Benz (b) and (k) =	5.325	cm
Height of valley between 2 peaks =	2.7	cm
Resolution	Pass	

Resolution is achieved if the height of the valley between Benzo(b)fluoranthene and Benzo(k)fluoranthene is less than 50% of the average of the 2 peak heights.

Advanced Environmental Laboratories, Inc.

Initial Calibration Data Summary Report
FORM 6A

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Calibration Start Date/Time: **11/30/202217:33** **Instrument ID:** **J7H**

Calibration End Date/Time: **11/30/202222:18**

CALIBRATION FACTORS

Data Files: 221130H004.qgd 221130H005.qgd 221130H006.qgd 221130H007.qgd 221130H008.qgd 221130H009.qgd 221130H010.qgd 221130H011.qgd

Parameter	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	RRF8	RRF9	MEAN	% RSD	CT
1-Methylnaphthalene*	1.046	0.809	0.708	0.779	0.815	0.835	0.812	0.814		0.827	11.68	A
2-Methylnaphthalene*	1.090	0.834	0.736	0.826	0.871	0.890	0.858	0.873		0.872	11.47	A
Benzo[a]anthracene*	2.926	1.896	1.519	1.732	1.747	1.783	1.695	1.699		1.875	**23.34**	**Q**
Bis(2-Ethylhexyl) phthalate			0.803	0.982	1.099	1.147	1.110	1.130		1.045	12.65	A
Dibenzo[a,h]anthracene*	1.638	1.190	0.994	1.183	1.292	1.332	1.327	1.395		1.294	**14.45**	**Q**
Naphthalene*	1.602	1.333	1.167	1.323	1.362	1.422	1.363	1.379		1.369	8.80	A
2,4,6-Tribromophenol			0.056	0.074	0.081	0.091	0.095	0.093		0.082	**18.21**	**L**
2-Fluorobiphenyl			1.240	1.428	1.483	1.527	1.488	1.536		1.450	7.57	A
2-Fluorophenol			0.825	0.985	1.003	0.974	0.950	0.958		0.949	6.72	A
2-Methylnapthalene-d10			0.551	0.632	0.655	0.673	0.646	0.659		0.636	6.92	A
Fluoranthene-d10			1.079	1.270	1.263	1.300	1.268	1.262		1.241	6.49	A
Nitrobenzene-d5			0.315	0.351	0.386	0.399	0.390	0.392		0.372	8.77	A
Phenol-d6			0.932	1.160	1.222	1.192	1.145	1.175		1.138	9.16	A
p-Terphenyl-d14			0.972	1.143	1.247	1.256	1.247	1.278		1.190	9.79	A

CT = A (Average), CT = Q (Quadratic), CT = L (Linear)

CT = Calibration Type

CT = Q or L will have an associated Regression Report

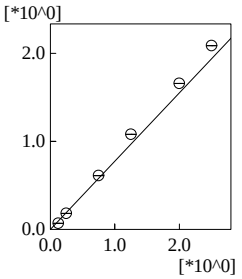
C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm

Calibration

ID#:1 Mass:150.00 Name:1,4-Dichlorobenzene-d4 (IS)
f(x)=? rr1=0.000000 rr2=0.000000
MeanRF: 0.00 RFSD:-- RFRSD:--
CurveType:?

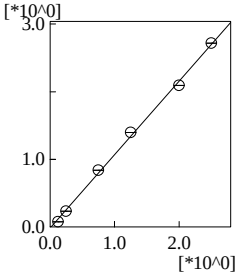
ISTD

ID#:2 Mass:74.00 Name:N-Nitrosodimethylamine
f(x)=0.775618*x rr1=0.999657 rr2=0.999313
MeanRF: 0.78 RFSD:0.11 RFRSD:14.00
CurveType:Mean Response Factor



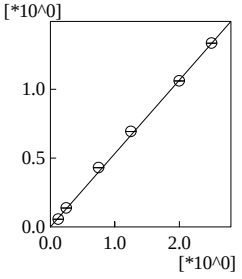
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.07
4	0.250	0.18
5	0.750	0.61
6	1.250	1.08
7	2.000	1.66
8	2.500	2.09

ID#:3 Mass:79.00 Name:Pyridine
f(x)=1.089848*x-0.021574 rr1=0.998949 rr2=0.997898
MeanRF: 0.99 RFSD:0.19 RFRSD:18.74
CurveType:Least Square Method



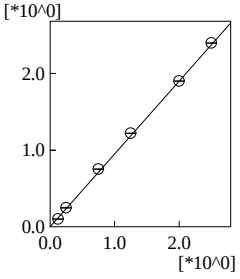
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.08
4	0.250	0.24
5	0.750	0.84
6	1.250	1.40
7	2.000	2.09
8	2.500	2.72

ID#:4 Mass:80.00 Name:Methyl methanesulfonate
f(x)=0.533370*x rr1=0.999460 rr2=0.998920
MeanRF: 0.53 RFSD:0.04 RFRSD:8.20
CurveType:Mean Response Factor



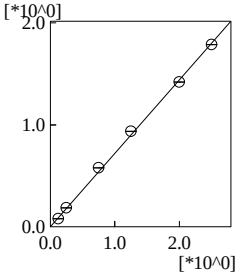
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.06
4	0.250	0.14
5	0.750	0.43
6	1.250	0.69
7	2.000	1.06
8	2.500	1.34

ID#:5 Mass:112.00 Name:2-Fluorophenol
f(x)=0.949190*x rr1=0.999770 rr2=0.999541
MeanRF: 0.95 RFSD:0.06 RFRSD:6.72
CurveType:Mean Response Factor



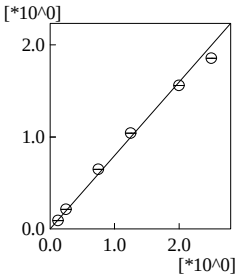
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.10
4	0.250	0.25
5	0.750	0.75
6	1.250	1.22
7	2.000	1.90
8	2.500	2.39

ID#:6 Mass:79.00 Name:Ethyl methanesulfonate
f(x)=0.720457*x rr1=0.999340 rr2=0.998681
MeanRF: 0.72 RFSD:0.05 RFRSD:7.02
CurveType:Mean Response Factor



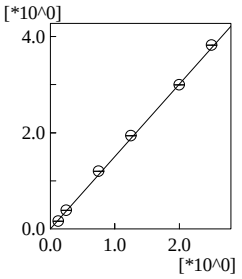
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.08
4	0.250	0.19
5	0.750	0.58
6	1.250	0.94
7	2.000	1.42
8	2.500	1.78

ID#:7 Mass:106.00 Name:Benzaldehyde
f(x)=0.798647*x rr1=0.997594 rr2=0.995194
MeanRF: 0.80 RFSD:0.06 RFRSD:7.41
CurveType:Mean Response Factor



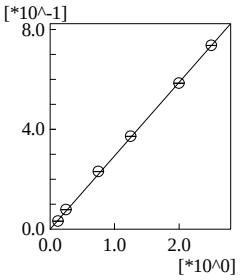
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.09
4	0.250	0.21
5	0.750	0.65
6	1.250	1.04
7	2.000	1.56
8	2.500	1.85

ID#:8 Mass:93.00 Name:Aniline
f(x)=1.505963*x rr1=0.999635 rr2=0.999270
MeanRF: 1.51 RFSD:0.10 RFRSD:6.88
CurveType:Mean Response Factor



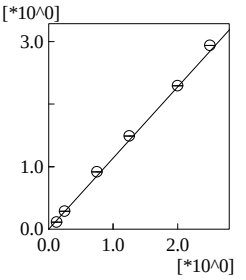
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.16
4	0.250	0.39
5	0.750	1.20
6	1.250	1.94
7	2.000	2.99
8	2.500	3.82

ID#:9 Mass:167.00 Name:Pentachloroethane
f(x)=0.294342*x rr1=0.999795 rr2=0.999589
MeanRF: 0.29 RFSD:0.02 RFRSD:6.86
CurveType:Mean Response Factor



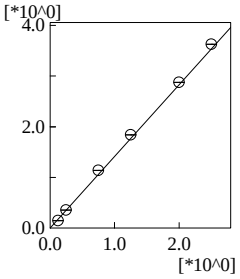
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.03
4	0.250	0.08
5	0.750	0.23
6	1.250	0.37
7	2.000	0.59
8	2.500	0.74

ID#:10 Mass:99.00 Name:Phenol-d6
f(x)=1.137743*x rr1=0.999544 rr2=0.999088
MeanRF: 1.14 RFSD:0.10 RFRSD:9.16
CurveType:Mean Response Factor



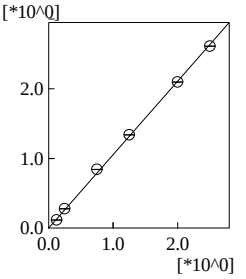
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.12
4	0.250	0.29
5	0.750	0.92
6	1.250	1.49
7	2.000	2.29
8	2.500	2.94

ID#:11 Mass:94.00 Name:Phenol
f(x)=1.412247*x rr1=0.999722 rr2=0.999445
MeanRF: 1.41 RFSD:0.12 RFRSD:8.69
CurveType:Mean Response Factor



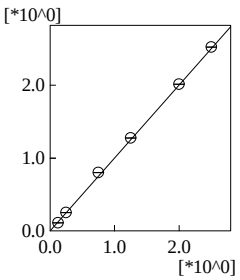
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.15
4	0.250	0.36
5	0.750	1.14
6	1.250	1.84
7	2.000	2.87
8	2.500	3.63

ID#:12 Mass:93.00 Name:bis(2-Chloroethyl)Ether
f(x)=1.054584*x rr1=0.999652 rr2=0.999304
MeanRF: 1.05 RFSD:0.07 RFRSD:6.72
CurveType:Mean Response Factor



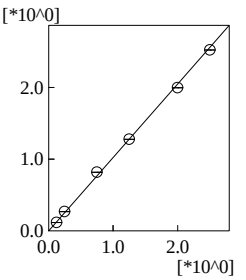
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.12
4	0.250	0.28
5	0.750	0.84
6	1.250	1.34
7	2.000	2.09
8	2.500	2.61

ID#:13 Mass:128.00 Name:2-Chlorophenol
f(x)=1.000285*x rr1=0.999770 rr2=0.999540
MeanRF: 1.00 RFSD:0.06 RFRSD:5.88
CurveType:Mean Response Factor



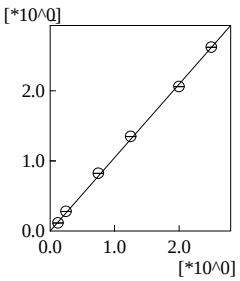
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.11
4	0.250	0.25
5	0.750	0.80
6	1.250	1.28
7	2.000	2.01
8	2.500	2.52

ID#:14 Mass:146.00 Name:1,3-Dichlorobenzene
f(x)=1.023869*x rr1=0.999618 rr2=0.999236
MeanRF: 1.02 RFSD:0.05 RFRSD:5.17
CurveType:Mean Response Factor



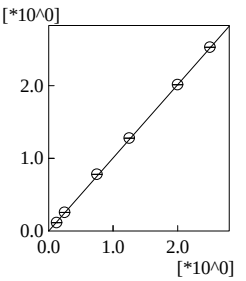
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.12
4	0.250	0.27
5	0.750	0.82
6	1.250	1.28
7	2.000	2.00
8	2.500	2.52

ID#:15 Mass:146.00 Name:1,4-Dichlorobenzene
f(x)=1.047132*x rr1=0.999599 rr2=0.999199
MeanRF: 1.05 RFSD:0.07 RFRSD:6.61
CurveType:Mean Response Factor



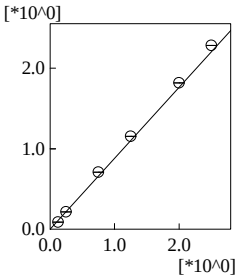
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.12
4	0.250	0.28
5	0.750	0.82
6	1.250	1.35
7	2.000	2.06
8	2.500	2.62

ID#:16 Mass:146.00 Name:1,2-Dichlorobenzene
f(x)=1.008650*x rr1=0.999898 rr2=0.999795
MeanRF: 1.01 RFSD:0.04 RFRSD:4.12
CurveType:Mean Response Factor



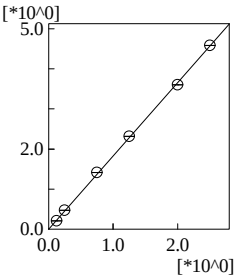
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.12
4	0.250	0.26
5	0.750	0.78
6	1.250	1.28
7	2.000	2.01
8	2.500	2.53

ID#:17 Mass:79.00 Name:Benzyl Alcohol
f(x)=0.878885*x rr1=0.999799 rr2=0.999599
MeanRF: 0.88 RFSD:0.08 RFRSD:9.17
CurveType:Mean Response Factor



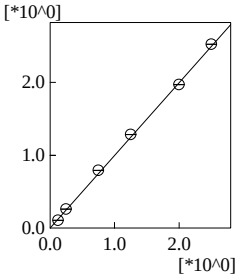
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.09
4	0.250	0.22
5	0.750	0.71
6	1.250	1.15
7	2.000	1.81
8	2.500	2.28

ID#:18 Mass:45.00 Name:bis(2-Chloroisopropyl) Ether
f(x)=1.825851*x rr1=0.999798 rr2=0.999597
MeanRF: 1.83 RFSD:0.08 RFRSD:4.14
CurveType:Mean Response Factor



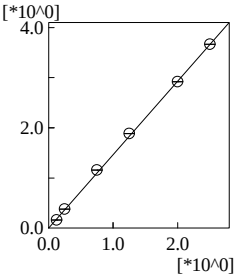
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.21
4	0.250	0.47
5	0.750	1.42
6	1.250	2.32
7	2.000	3.60
8	2.500	4.58

ID#:19 Mass:108.00 Name:2-Methylphenol (o-Cresol)
f(x)=0.996836*x rr1=0.999561 rr2=0.999123
MeanRF: 1.00 RFSD:0.07 RFRSD:7.04
CurveType:Mean Response Factor



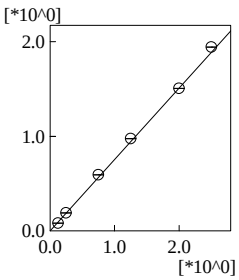
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.11
4	0.250	0.26
5	0.750	0.79
6	1.250	1.29
7	2.000	1.97
8	2.500	2.52

ID#:20 Mass:105.00 Name:Acetophenone
f(x)=1.465973*x rr1=0.999717 rr2=0.999434
MeanRF: 1.47 RFSD:0.08 RFRSD:5.71
CurveType:Mean Response Factor



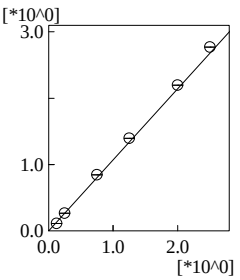
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.16
4	0.250	0.38
5	0.750	1.16
6	1.250	1.88
7	2.000	2.92
8	2.500	3.66

ID#:21 Mass:70.00 Name:N-Nitrosodi-n-propylamine
f(x)=0.753607*x rr1=0.999602 rr2=0.999205
MeanRF: 0.75 RFSD:0.05 RFRSD:6.69
CurveType:Mean Response Factor



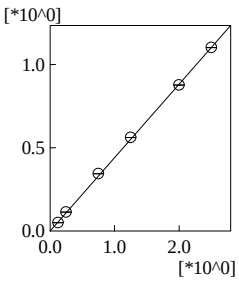
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.08
4	0.250	0.19
5	0.750	0.59
6	1.250	0.97
7	2.000	1.50
8	2.500	1.94

ID#:22 Mass:107.00 Name:3+4-Methylphenol(m&p-Cresol)
f(x)=1.069573*x rr1=0.999876 rr2=0.999752
MeanRF: 1.07 RFSD:0.09 RFRSD:8.48
CurveType:Mean Response Factor



#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.11
4	0.250	0.27
5	0.750	0.85
6	1.250	1.39
7	2.000	2.20
8	2.500	2.77

ID#:23 Mass:117.00 Name:Hexachloroethane
f(x)=0.441543*x rr1=0.999818 rr2=0.999637
MeanRF: 0.44 RFSD:0.02 RFRSD:4.87
CurveType:Mean Response Factor

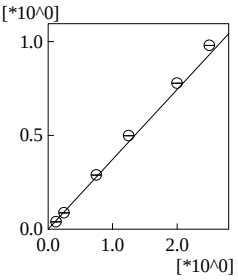


#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.05
4	0.250	0.11
5	0.750	0.35
6	1.250	0.56
7	2.000	0.88
8	2.500	1.10

ID#:24 Mass:136.00 Name:Naphthalene-d8 (IS)
f(x)=? rr1=0.000000 rr2=0.000000
MeanRF: 0.00 RFSD:-- RFRSD:--
CurveType:?

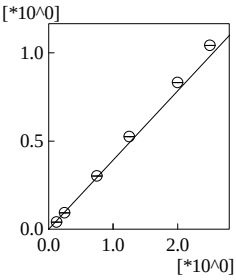
ISTD

ID#:25 Mass:82.00 Name:Nitrobenzene-d5
f(x)=0.372261*x rr1=0.999867 rr2=0.999735
MeanRF: 0.37 RFSD:0.03 RFRSD:8.77
CurveType:Mean Response Factor



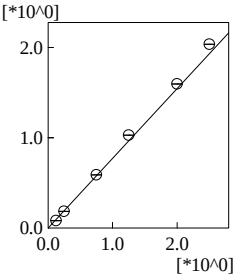
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.04
4	0.250	0.09
5	0.750	0.29
6	1.250	0.50
7	2.000	0.78
8	2.500	0.98

ID#:26 Mass:77.00 Name:Nitrobenzene
f(x)=0.391389*x rr1=0.999932 rr2=0.999865
MeanRF: 0.39 RFSD:0.04 RFRSD:9.80
CurveType:Mean Response Factor



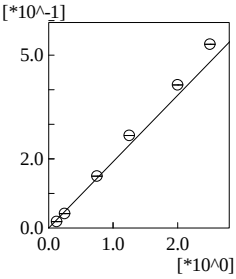
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.04
4	0.250	0.09
5	0.750	0.30
6	1.250	0.52
7	2.000	0.83
8	2.500	1.04

ID#:27 Mass:82.00 Name:Isophorone
f(x)=0.770841*x rr1=0.999794 rr2=0.999588
MeanRF: 0.77 RFSD:0.06 RFRSD:8.11
CurveType:Mean Response Factor



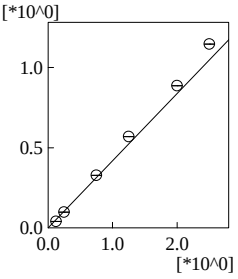
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.08
4	0.250	0.19
5	0.750	0.59
6	1.250	1.03
7	2.000	1.59
8	2.500	2.03

ID#:28 Mass:139.00 Name:2-Nitrophenol
f(x)=0.191858*x rr1=0.999675 rr2=0.999350
MeanRF: 0.19 RFSD:0.03 RFRSD:14.12
CurveType:Mean Response Factor



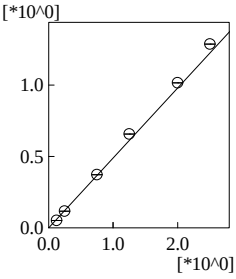
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.02
4	0.250	0.04
5	0.750	0.15
6	1.250	0.27
7	2.000	0.41
8	2.500	0.53

ID#:29 Mass:107.00 Name:2,4-Dimethylphenol
f(x)=0.418783*x rr1=0.999737 rr2=0.999475
MeanRF: 0.42 RFSD:0.05 RFRSD:12.37
CurveType:Mean Response Factor



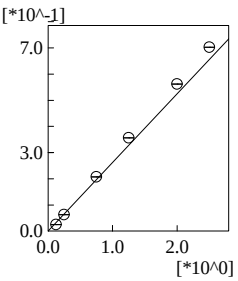
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.04
4	0.250	0.10
5	0.750	0.33
6	1.250	0.57
7	2.000	0.89
8	2.500	1.15

ID#:30 Mass:93.00 Name:Bis(2-Chloroethoxy)methane
f(x)=0.489136*x rr1=0.999773 rr2=0.999545
MeanRF: 0.49 RFSD:0.04 RFRSD:8.20
CurveType:Mean Response Factor



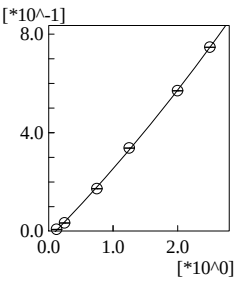
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.05
4	0.250	0.12
5	0.750	0.37
6	1.250	0.66
7	2.000	1.02
8	2.500	1.29

ID#:31 Mass:162.00 Name:2,4-Dichlorophenol
f(x)=0.261969*x rr1=0.999882 rr2=0.999763
MeanRF: 0.26 RFSD:0.03 RFRSD:12.93
CurveType:Mean Response Factor



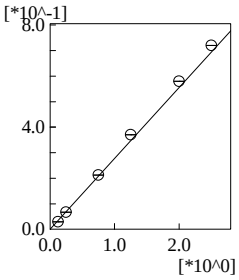
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.02
4	0.250	0.06
5	0.750	0.21
6	1.250	0.36
7	2.000	0.56
8	2.500	0.70

ID#:32 Mass:105.00 Name:Benzoic Acid
f(x)=0.017900*x^2+0.266222*x-0.031077 rr1=0.999847 rr2=0.999693
MeanRF: 0.21 RFSD:0.10 RFRSD:45.44
CurveType:2nd Order Regression



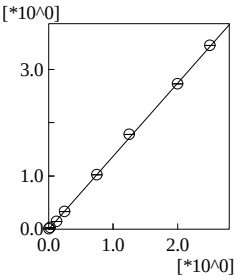
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.01
4	0.250	0.03
5	0.750	0.17
6	1.250	0.34
7	2.000	0.57
8	2.500	0.75

ID#:33 Mass:180.00 Name:1,2,4-Trichlorobenzene
f(x)=0.277293*x rr1=0.999822 rr2=0.999643
MeanRF: 0.28 RFSD:0.02 RFRSD:7.85
CurveType:Mean Response Factor



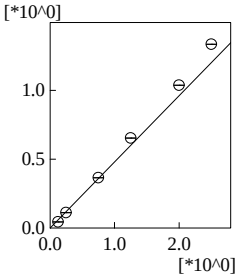
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.03
4	0.250	0.07
5	0.750	0.21
6	1.250	0.37
7	2.000	0.58
8	2.500	0.72

ID#:34 Mass:128.00 Name:Naphthalene
f(x)=1.368897*x rr1=0.999801 rr2=0.999602
MeanRF: 1.37 RFSD:0.12 RFRSD:8.80
CurveType:Mean Response Factor



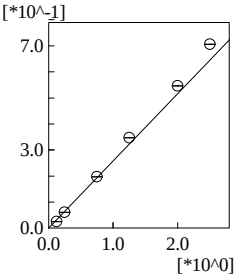
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.03
3	0.125	0.15
4	0.250	0.33
5	0.750	1.02
6	1.250	1.78
7	2.000	2.73
8	2.500	3.45

ID#:35 Mass:127.00 Name:4-Chloroaniline
f(x)=0.480947*x rr1=0.999788 rr2=0.999575
MeanRF: 0.48 RFSD:0.06 RFRSD:13.13
CurveType:Mean Response Factor



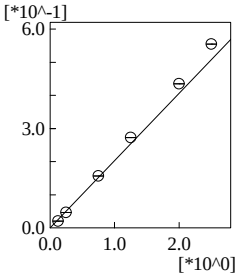
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.05
4	0.250	0.11
5	0.750	0.37
6	1.250	0.66
7	2.000	1.04
8	2.500	1.34

ID#:36 Mass:162.00 Name:2,6-Dichlorophenol
f(x)=0.257626*x rr1=0.999753 rr2=0.999507
MeanRF: 0.26 RFSD:0.03 RFRSD:11.22
CurveType:Mean Response Factor



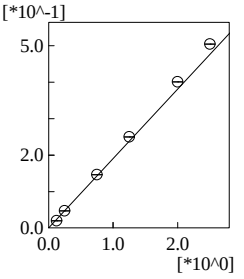
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.03
4	0.250	0.06
5	0.750	0.20
6	1.250	0.35
7	2.000	0.55
8	2.500	0.71

ID#:37 Mass:213.00 Name:Hexachloropropene
f(x)=0.202986*x rr1=0.999910 rr2=0.999820
MeanRF: 0.20 RFSD:0.02 RFRSD:11.11
CurveType:Mean Response Factor



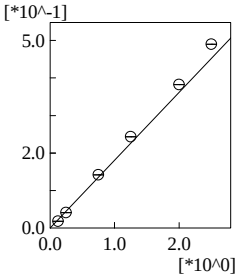
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.02
4	0.250	0.05
5	0.750	0.16
6	1.250	0.27
7	2.000	0.44
8	2.500	0.55

ID#:38 Mass:225.00 Name:Hexachlorobutadiene
f(x)=0.190415*x rr1=0.999987 rr2=0.999974
MeanRF: 0.19 RFSD:0.02 RFRSD:8.67
CurveType:Mean Response Factor



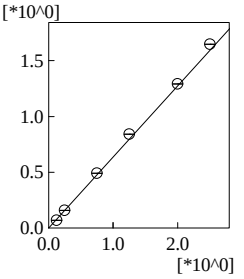
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.02
4	0.250	0.05
5	0.750	0.15
6	1.250	0.25
7	2.000	0.40
8	2.500	0.50

ID#:39 Mass:55.00 Name:Caprolactam
f(x)=0.180677*x rr1=0.999840 rr2=0.999681
MeanRF: 0.18 RFSD:0.02 RFRSD:10.94
CurveType:Mean Response Factor



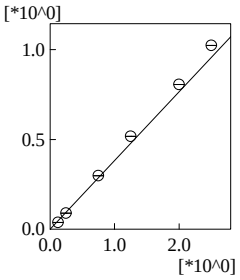
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.02
4	0.250	0.04
5	0.750	0.14
6	1.250	0.24
7	2.000	0.38
8	2.500	0.49

ID#:40 Mass:152.00 Name:2-Methylnaphthalene-d10
f(x)=0.635922*x rr1=0.999723 rr2=0.999446
MeanRF: 0.64 RFSD:0.04 RFRSD:6.92
CurveType:Mean Response Factor



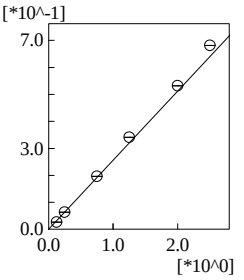
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.07
4	0.250	0.16
5	0.750	0.49
6	1.250	0.84
7	2.000	1.29
8	2.500	1.65

ID#:41 Mass:107.00 Name:4-Chloro-3-methylphenol
f(x)=0.382201*x rr1=0.999837 rr2=0.999674
MeanRF: 0.38 RFSD:0.04 RFRSD:10.67
CurveType:Mean Response Factor



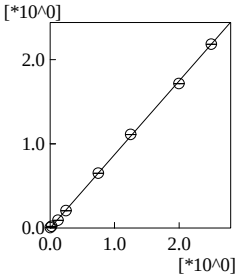
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.04
4	0.250	0.09
5	0.750	0.30
6	1.250	0.52
7	2.000	0.81
8	2.500	1.02

ID#:42 Mass:162.00 Name:Safrole
f(x)=0.255743*x rr1=0.999822 rr2=0.999644
MeanRF: 0.26 RFSD:0.02 RFRSD:9.44
CurveType:Mean Response Factor



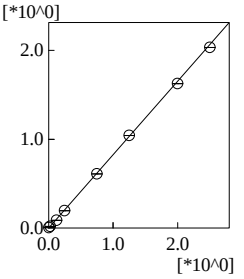
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.03
4	0.250	0.06
5	0.750	0.20
6	1.250	0.34
7	2.000	0.53
8	2.500	0.68

ID#:43 Mass:142.00 Name:2-Methylnaphthalene
f(x)=0.872322*x rr1=0.999838 rr2=0.999677
MeanRF: 0.87 RFSD:0.10 RFRSD:11.47
CurveType:Mean Response Factor



#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.02
3	0.125	0.09
4	0.250	0.21
5	0.750	0.65
6	1.250	1.11
7	2.000	1.72
8	2.500	2.18

ID#:44 Mass:142.00 Name:1-Methylnaphthalene
f(x)=0.827423*x rr1=0.999893 rr2=0.999787
MeanRF: 0.83 RFSD:0.10 RFRSD:11.68
CurveType:Mean Response Factor

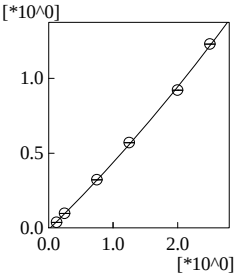


#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.02
3	0.125	0.09
4	0.250	0.19
5	0.750	0.61
6	1.250	1.04
7	2.000	1.62
8	2.500	2.03

ID#:45 Mass:164.00 Name:Acenaphthene-d10 (IS)
f(x)=? rr1=0.000000 rr2=0.000000
MeanRF: 0.00 RFSD:-- RFRSD:--
CurveType:?

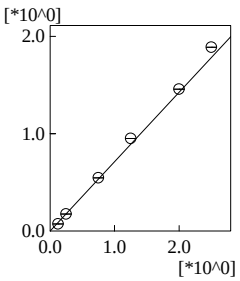
ISTD

ID#:46 Mass:237.00 Name:Hexachlorocyclopentadiene
f(x)=0.028838*x^2+0.419444*x-0.011535 rr1=0.999654 rr2=0.999308
MeanRF: 0.42 RFSD:0.07 RFRSD:16.98
CurveType:2nd Order Regression



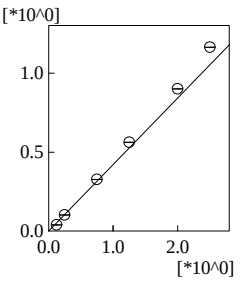
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.04
4	0.250	0.10
5	0.750	0.32
6	1.250	0.57
7	2.000	0.92
8	2.500	1.23

ID#:47 Mass:216.00 Name:1,2,4,5-Tetrachlorobenzene
f(x)=0.712243*x rr1=0.999588 rr2=0.999175
MeanRF: 0.71 RFSD:0.06 RFRSD:8.58
CurveType:Mean Response Factor



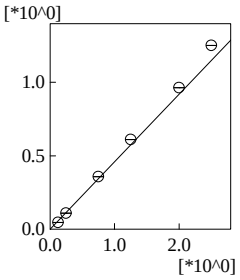
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.07
4	0.250	0.17
5	0.750	0.55
6	1.250	0.95
7	2.000	1.46
8	2.500	1.89

ID#:48 Mass:196.00 Name:2,4,6-Trichlorophenol
f(x)=0.421171*x rr1=0.999751 rr2=0.999501
MeanRF: 0.42 RFSD:0.05 RFRSD:12.70
CurveType:Mean Response Factor



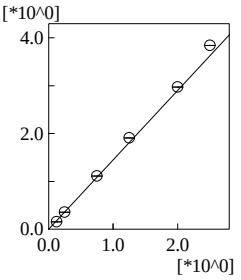
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.04
4	0.250	0.10
5	0.750	0.33
6	1.250	0.56
7	2.000	0.90
8	2.500	1.16

ID#:49 Mass:196.00 Name:2,4,5-Trichlorophenol
f(x)=0.458976*x rr1=0.999712 rr2=0.999425
MeanRF: 0.46 RFSD:0.05 RFRSD:10.74
CurveType:Mean Response Factor



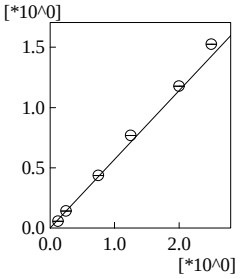
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.05
4	0.250	0.11
5	0.750	0.36
6	1.250	0.61
7	2.000	0.96
8	2.500	1.25

ID#:50 Mass:172.00 Name:2-Fluorobiphenyl
f(x)=1.450419*x rr1=0.999734 rr2=0.999468
MeanRF: 1.45 RFSD:0.11 RFRSD:7.57
CurveType:Mean Response Factor



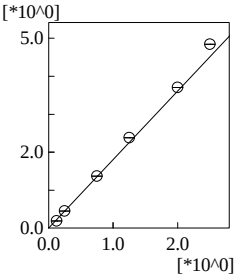
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.16
4	0.250	0.36
5	0.750	1.11
6	1.250	1.91
7	2.000	2.98
8	2.500	3.84

ID#:51 Mass:162.00 Name:Isosafrole
f(x)=0.569414*x rr1=0.999552 rr2=0.999104
MeanRF: 0.57 RFSD:0.06 RFRSD:10.49
CurveType:Mean Response Factor



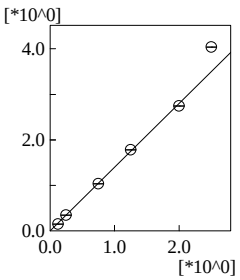
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.06
4	0.250	0.14
5	0.750	0.44
6	1.250	0.77
7	2.000	1.18
8	2.500	1.52

ID#:52 Mass:154.00 Name:1,1'-Biphenyl
f(x)=1.804735*x rr1=0.999515 rr2=0.999030
MeanRF: 1.80 RFSD:0.15 RFRSD:8.30
CurveType:Mean Response Factor



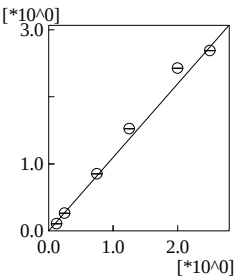
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.19
4	0.250	0.45
5	0.750	1.37
6	1.250	2.38
7	2.000	3.71
8	2.500	4.84

ID#:53 Mass:162.00 Name:2-Chloronaphthalene
f(x)=1.400092*x rr1=0.993504 rr2=0.987051
MeanRF: 1.40 RFSD:0.13 RFRSD:9.12
CurveType:Mean Response Factor



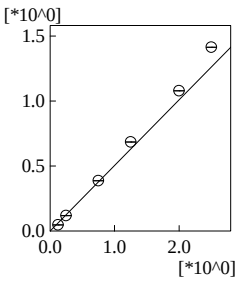
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.15
4	0.250	0.35
5	0.750	1.04
6	1.250	1.78
7	2.000	2.74
8	2.500	4.04

ID#:54 Mass:162.00 Name:1-Chloronaphthalene
f(x)=1.095932*x rr1=0.995155 rr2=0.990334
MeanRF: 1.10 RFSD:0.13 RFRSD:11.51
CurveType:Mean Response Factor



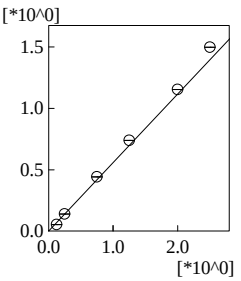
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.11
4	0.250	0.26
5	0.750	0.85
6	1.250	1.52
7	2.000	2.43
8	2.500	2.69

ID#:55 Mass:138.00 Name:2-Nitroaniline
f(x)=0.503975*x rr1=0.999498 rr2=0.998997
MeanRF: 0.50 RFSD:0.07 RFRSD:13.40
CurveType:Mean Response Factor



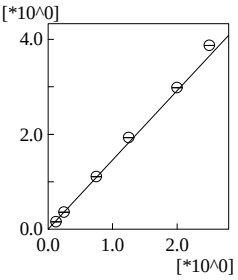
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.05
4	0.250	0.12
5	0.750	0.39
6	1.250	0.68
7	2.000	1.08
8	2.500	1.41

ID#:56 Mass:158.00 Name:1,4-Naphthoquinone
f(x)=0.556985*x rr1=0.999647 rr2=0.999294
MeanRF: 0.56 RFSD:0.06 RFRSD:11.16
CurveType:Mean Response Factor



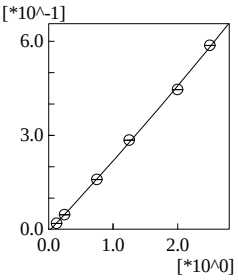
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.05
4	0.250	0.14
5	0.750	0.44
6	1.250	0.74
7	2.000	1.15
8	2.500	1.50

ID#:57 Mass:163.00 Name:Dimethyl phthalate
f(x)=1.458054*x rr1=0.999615 rr2=0.999229
MeanRF: 1.46 RFSD:0.11 RFRSD:7.66
CurveType:Mean Response Factor



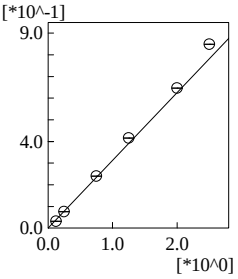
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.16
4	0.250	0.36
5	0.750	1.11
6	1.250	1.93
7	2.000	2.98
8	2.500	3.87

ID#:58 Mass:168.00 Name:1,3-Dinitrobenzene
f(x)=0.006678*x^2+0.218992*x-0.008102 rr1=0.999542 rr2=0.999085
MeanRF: 0.21 RFSD:0.03 RFRSD:15.85
CurveType:2nd Order Regression



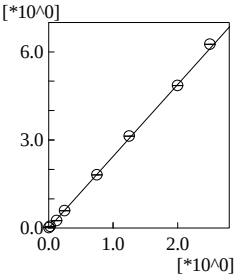
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.02
4	0.250	0.05
5	0.750	0.16
6	1.250	0.28
7	2.000	0.45
8	2.500	0.59

ID#:59 Mass:165.00 Name:2,6-Dinitrotoluene (2,6-DNT)
f(x)=0.312626*x rr1=0.999418 rr2=0.998837
MeanRF: 0.31 RFSD:0.03 RFRSD:9.44
CurveType:Mean Response Factor



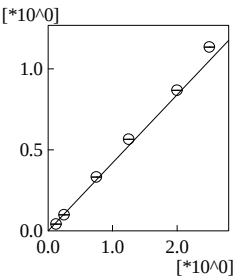
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.03
4	0.250	0.08
5	0.750	0.24
6	1.250	0.42
7	2.000	0.65
8	2.500	0.85

ID#:60 Mass:152.00 Name:Acenaphthylene
f(x)=2.446145*x rr1=0.999765 rr2=0.999529
MeanRF: 2.45 RFSD:0.24 RFRSD:9.86
CurveType:Mean Response Factor



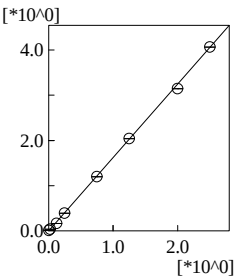
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.06
3	0.125	0.26
4	0.250	0.59
5	0.750	1.81
6	1.250	3.13
7	2.000	4.85
8	2.500	6.26

ID#:61 Mass:138.00 Name:3-Nitroaniline
f(x)=0.419473*x rr1=0.999436 rr2=0.998872
MeanRF: 0.42 RFSD:0.05 RFRSD:10.80
CurveType:Mean Response Factor



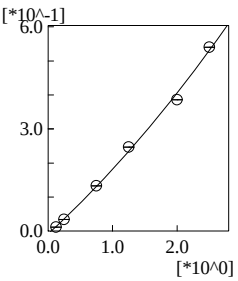
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.04
4	0.250	0.10
5	0.750	0.33
6	1.250	0.57
7	2.000	0.87
8	2.500	1.13

ID#:62 Mass:154.00 Name:Acenaphthene
f(x)=1.623238*x rr1=0.999735 rr2=0.999470
MeanRF: 1.62 RFSD:0.19 RFRSD:11.44
CurveType:Mean Response Factor



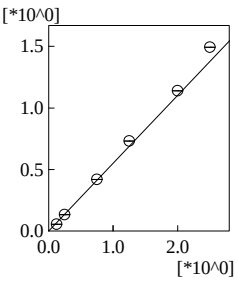
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.04
3	0.125	0.17
4	0.250	0.39
5	0.750	1.20
6	1.250	2.04
7	2.000	3.14
8	2.500	4.06

ID#:63 Mass:184.00 Name:2,4-Dinitrophenol
f(x)=0.017057*x^2+0.172953*x-0.008554 rr1=0.998494 rr2=0.996991
MeanRF: 0.17 RFSD:0.05 RFRSD:27.75
CurveType:2nd Order Regression



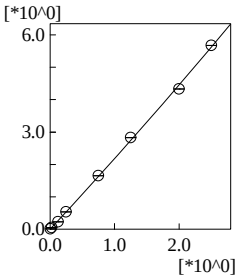
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.01
4	0.250	0.03
5	0.750	0.13
6	1.250	0.25
7	2.000	0.39
8	2.500	0.54

ID#:64 Mass:250.00 Name:Pentachlorobenzene
f(x)=0.550544*x rr1=0.999456 rr2=0.998913
MeanRF: 0.55 RFSD:0.05 RFRSD:9.17
CurveType:Mean Response Factor



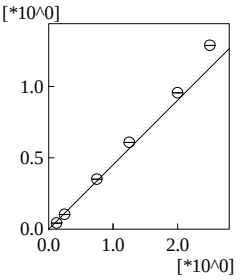
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.06
4	0.250	0.13
5	0.750	0.42
6	1.250	0.73
7	2.000	1.14
8	2.500	1.49

ID#:65 Mass:168.00 Name:Dibenzofuran
f(x)=0.046318*x^2+2.133200*x+0.002759 rr1=0.999608 rr2=0.999215
MeanRF: 2.26 RFSD:0.33 RFRSD:14.63
CurveType:2nd Order Regression



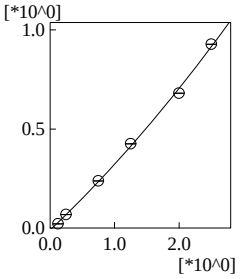
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.02
2	0.025	0.05
3	0.125	0.23
4	0.250	0.54
5	0.750	1.66
6	1.250	2.83
7	2.000	4.33
8	2.500	5.67

ID#:66 Mass:165.00 Name:2,4-Dinitrotoluene (2,4-DNT)
f(x)=0.451032*x rr1=0.998793 rr2=0.997587
MeanRF: 0.45 RFSD:0.06 RFRSD:13.56
CurveType:Mean Response Factor



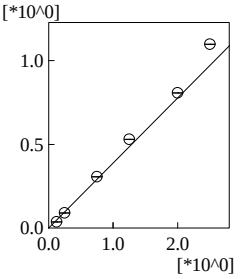
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.04
4	0.250	0.10
5	0.750	0.35
6	1.250	0.61
7	2.000	0.96
8	2.500	1.29

ID#:67 Mass:65.00 Name:4-Nitrophenol
f(x)=0.025200*x^2+0.307585*x-0.010656 rr1=0.999243 rr2=0.998488
MeanRF: 0.30 RFSD:0.07 RFRSD:23.00
CurveType:2nd Order Regression



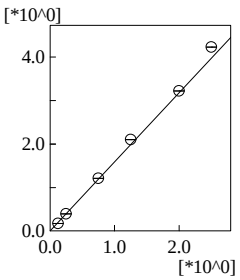
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.02
4	0.250	0.07
5	0.750	0.24
6	1.250	0.43
7	2.000	0.68
8	2.500	0.93

ID#:68 Mass:232.00 Name:2,3,4,6-Tetrachlorophenol
f(x)=0.388098*x rr1=0.998387 rr2=0.996776
MeanRF: 0.39 RFSD:0.05 RFRSD:13.62
CurveType:Mean Response Factor



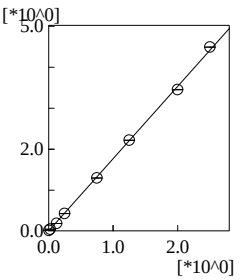
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.04
4	0.250	0.09
5	0.750	0.31
6	1.250	0.53
7	2.000	0.81
8	2.500	1.10

ID#:69 Mass:149.00 Name:Diethyl phthalate
f(x)=1.588214*x rr1=0.999363 rr2=0.998726
MeanRF: 1.59 RFSD:0.12 RFRSD:7.61
CurveType:Mean Response Factor



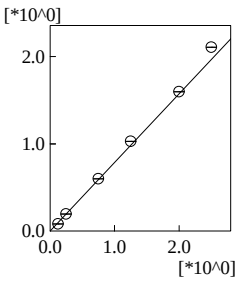
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.17
4	0.250	0.39
5	0.750	1.21
6	1.250	2.10
7	2.000	3.22
8	2.500	4.23

ID#:70 Mass:166.00 Name:Fluorene
f(x)=1.765110*x rr1=0.999683 rr2=0.999366
MeanRF: 1.77 RFSD:0.19 RFRSD:10.88
CurveType:Mean Response Factor



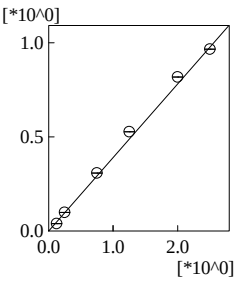
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.04
3	0.125	0.18
4	0.250	0.43
5	0.750	1.29
6	1.250	2.22
7	2.000	3.46
8	2.500	4.49

ID#:71 Mass:204.00 Name:4-Chlorophenyl phenyl ether
f(x)=0.785784*x rr1=0.999293 rr2=0.998586
MeanRF: 0.79 RFSD:0.06 RFRSD:7.55
CurveType:Mean Response Factor



#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.08
4	0.250	0.19
5	0.750	0.60
6	1.250	1.03
7	2.000	1.59
8	2.500	2.10

ID#:72 Mass:138.00 Name:4-Nitroaniline
f(x)=0.390439*x rr1=0.998339 rr2=0.996682
MeanRF: 0.39 RFSD:0.04 RFRSD:9.79
CurveType:Mean Response Factor



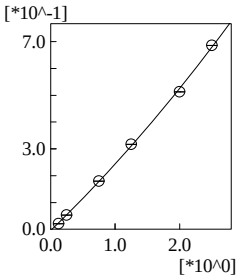
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.04
4	0.250	0.10
5	0.750	0.31
6	1.250	0.53
7	2.000	0.82
8	2.500	0.97

ID#:73 Mass:188.00 Name:Phenanthrene-d10 (IS)
f(x)=? rr1=0.000000 rr2=0.000000
MeanRF: 0.00 RFSD:-- RFRSD:--
CurveType:?

ISTD

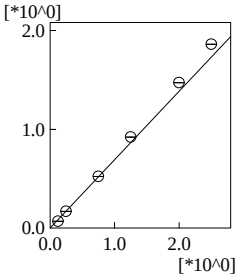
ID#:74 Mass:198.00 Name:4,6-Dinitro-2-methylphenol
f(x)=0.016763*x^2+0.232198*x-0.005967 rr1=0.999624 rr2=0.999248
MeanRF: 0.23 RFSD:0.04 RFRSD:16.93
CurveType:2nd Order Regression

#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.02
4	0.250	0.05
5	0.750	0.18
6	1.250	0.32
7	2.000	0.51
8	2.500	0.69



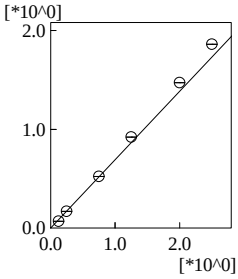
ID#:75 Mass:169.00 Name:N-Nitrosodiphenylamine
f(x)=0.692017*x rr1=0.999918 rr2=0.999835
MeanRF: 0.69 RFSD:0.07 RFRSD:10.60
CurveType:Mean Response Factor

#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.07
4	0.250	0.17
5	0.750	0.52
6	1.250	0.92
7	2.000	1.47
8	2.500	1.86



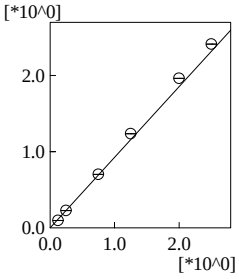
ID#:76 Mass:169.00 Name:Diphenylamine
f(x)=0.692017*x rr1=0.999918 rr2=0.999835
MeanRF: 0.69 RFSD:0.07 RFRSD:10.60
CurveType:Mean Response Factor

#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.07
4	0.250	0.17
5	0.750	0.52
6	1.250	0.92
7	2.000	1.47
8	2.500	1.86



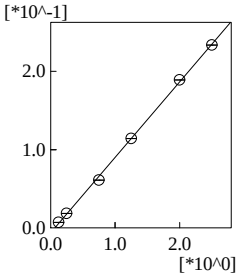
ID#:77 Mass:77.00 Name:1,2-Diphenylhydrazine
f(x)=0.926562*x rr1=0.999789 rr2=0.999577
MeanRF: 0.93 RFSD:0.08 RFRSD:8.44
CurveType:Mean Response Factor

#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.10
4	0.250	0.23
5	0.750	0.70
6	1.250	1.24
7	2.000	1.96
8	2.500	2.41



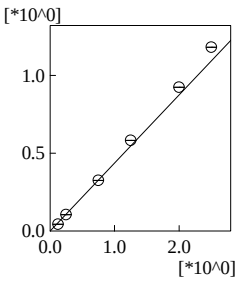
ID#:78 Mass:330.00 Name:2,4,6-Tribromophenol
f(x)=0.096560*x-0.006699 rr1=0.999602 rr2=0.999204
MeanRF: 0.08 RFSD:0.01 RFRSD:18.21
CurveType:Least Square Method

#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.01
4	0.250	0.02
5	0.750	0.06
6	1.250	0.11
7	2.000	0.19
8	2.500	0.23



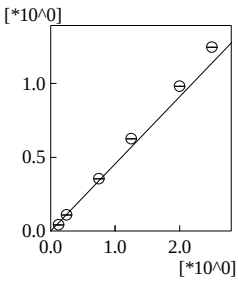
ID#:79 Mass:43.00 Name:(cis/trans)-Diallate
f(x)=0.437170*x rr1=0.999808 rr2=0.999616
MeanRF: 0.44 RFSD:0.04 RFRSD:9.55
CurveType:Mean Response Factor

#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.05
4	0.250	0.11
5	0.750	0.33
6	1.250	0.58
7	2.000	0.92
8	2.500	1.18

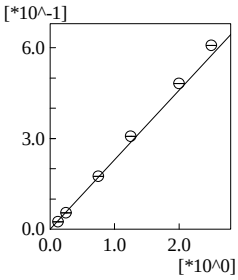


ID#:80 Mass:108.00 Name:Phenacetin
f(x)=0.454199*x rr1=0.999876 rr2=0.999753
MeanRF: 0.45 RFSD:0.06 RFRSD:14.28
CurveType:Mean Response Factor

#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.04
4	0.250	0.11
5	0.750	0.35
6	1.250	0.62
7	2.000	0.98
8	2.500	1.24

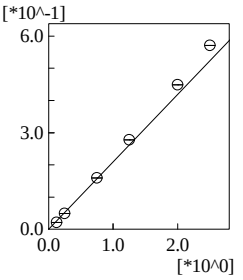


ID#:81 Mass:250.00 Name:4-Bromophenyl phenyl ether
f(x)=0.229675*x rr1=0.999894 rr2=0.999788
MeanRF: 0.23 RFSD:0.02 RFRSD:8.34
CurveType:Mean Response Factor



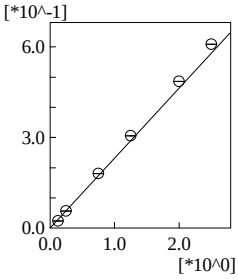
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.02
4	0.250	0.05
5	0.750	0.18
6	1.250	0.31
7	2.000	0.48
8	2.500	0.61

ID#:82 Mass:284.00 Name:Hexachlorobenzene
f(x)=0.209351*x rr1=0.999902 rr2=0.999804
MeanRF: 0.21 RFSD:0.02 RFRSD:10.16
CurveType:Mean Response Factor



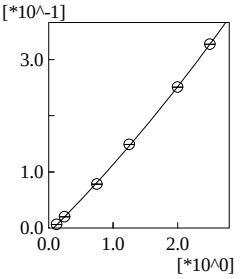
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.02
4	0.250	0.05
5	0.750	0.16
6	1.250	0.28
7	2.000	0.45
8	2.500	0.57

ID#:83 Mass:200.00 Name:Atrazine
f(x)=0.231435*x rr1=0.999968 rr2=0.999936
MeanRF: 0.23 RFSD:0.02 RFRSD:9.26
CurveType:Mean Response Factor



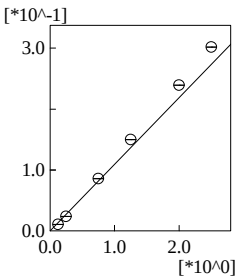
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.02
4	0.250	0.06
5	0.750	0.18
6	1.250	0.31
7	2.000	0.49
8	2.500	0.61

ID#:84 Mass:266.00 Name:Pentachlorophenol
f(x)=0.008217*x^2+0.113827*x-0.008756 rr1=0.999907 rr2=0.999814
MeanRF: 0.10 RFSD:0.03 RFRSD:29.80
CurveType:2nd Order Regression



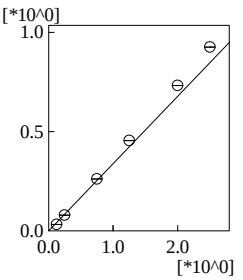
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.01
4	0.250	0.02
5	0.750	0.08
6	1.250	0.15
7	2.000	0.25
8	2.500	0.33

ID#:85 Mass:237.00 Name:Pentachloronitrobenzene
f(x)=0.109303*x rr1=0.999947 rr2=0.999895
MeanRF: 0.11 RFSD:0.01 RFRSD:13.52
CurveType:Mean Response Factor



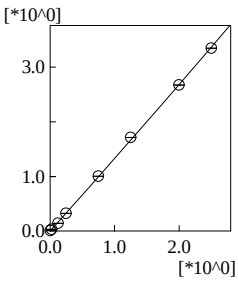
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.01
4	0.250	0.02
5	0.750	0.09
6	1.250	0.15
7	2.000	0.24
8	2.500	0.30

ID#:86 Mass:173.00 Name:Pronamide (Kerb)
f(x)=0.338481*x rr1=0.999971 rr2=0.999943
MeanRF: 0.34 RFSD:0.04 RFRSD:12.28
CurveType:Mean Response Factor



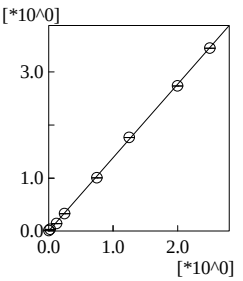
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.03
4	0.250	0.08
5	0.750	0.26
6	1.250	0.46
7	2.000	0.73
8	2.500	0.93

ID#:87 Mass:178.00 Name:Phenanthrene
f(x)=0.011619*x^2+1.315719*x+0.001598 rr1=0.999728 rr2=0.999456
MeanRF: 1.38 RFSD:0.19 RFRSD:13.93
CurveType:2nd Order Regression



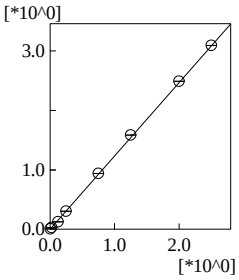
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.03
3	0.125	0.14
4	0.250	0.33
5	0.750	1.00
6	1.250	1.71
7	2.000	2.67
8	2.500	3.35

ID#:88 Mass:178.00 Name:Anthracene
f(x)=1.385721*x rr1=0.999859 rr2=0.999717
MeanRF: 1.39 RFSD:0.18 RFRSD:13.05
CurveType:Mean Response Factor



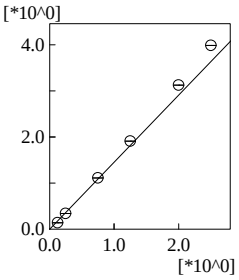
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.03
3	0.125	0.14
4	0.250	0.33
5	0.750	1.01
6	1.250	1.76
7	2.000	2.73
8	2.500	3.45

ID#:89 Mass:167.00 Name:Carbazole
f(x)=1.233320*x rr1=0.999908 rr2=0.999817
MeanRF: 1.23 RFSD:0.11 RFRSD:8.97
CurveType:Mean Response Factor



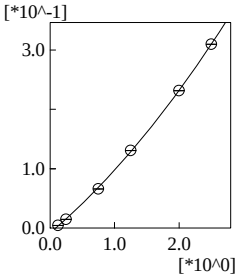
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.03
3	0.125	0.13
4	0.250	0.30
5	0.750	0.94
6	1.250	1.58
7	2.000	2.49
8	2.500	3.09

ID#:90 Mass:149.00 Name:Di-n-butyl phthalate
f(x)=1.454465*x rr1=0.999863 rr2=0.999725
MeanRF: 1.45 RFSD:0.16 RFRSD:10.98
CurveType:Mean Response Factor



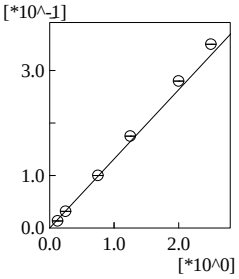
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.15
4	0.250	0.35
5	0.750	1.11
6	1.250	1.92
7	2.000	3.13
8	2.500	3.99

ID#:91 Mass:190.00 Name:4-Nitroquinoline-N-Oxide
f(x)=0.014164*x^2+0.091764*x-0.008378 rr1=0.999917 rr2=0.999833
MeanRF: 0.09 RFSD:0.03 RFRSD:38.27
CurveType:2nd Order Regression



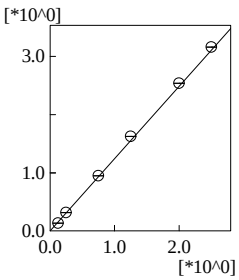
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.00
4	0.250	0.01
5	0.750	0.07
6	1.250	0.13
7	2.000	0.23
8	2.500	0.31

ID#:92 Mass:193.00 Name:Isodrin
f(x)=0.131631*x rr1=0.999954 rr2=0.999907
MeanRF: 0.13 RFSD:0.01 RFRSD:9.29
CurveType:Mean Response Factor



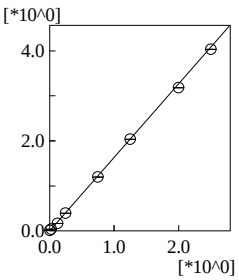
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.01
4	0.250	0.03
5	0.750	0.10
6	1.250	0.18
7	2.000	0.28
8	2.500	0.35

ID#:93 Mass:212.00 Name:Fluoranthene-d10
f(x)=1.240524*x rr1=0.999839 rr2=0.999679
MeanRF: 1.24 RFSD:0.08 RFRSD:6.49
CurveType:Mean Response Factor



#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.13
4	0.250	0.32
5	0.750	0.95
6	1.250	1.63
7	2.000	2.54
8	2.500	3.16

ID#:94 Mass:202.00 Name:Fluoranthene
f(x)=1.633076*x rr1=0.999903 rr2=0.999807
MeanRF: 1.63 RFSD:0.22 RFRSD:13.19
CurveType:Mean Response Factor

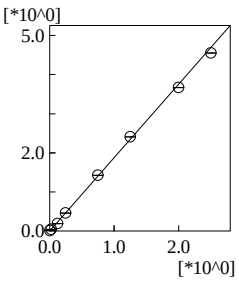


#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.04
3	0.125	0.17
4	0.250	0.39
5	0.750	1.19
6	1.250	2.04
7	2.000	3.18
8	2.500	4.04

ID#:95 Mass:240.00 Name:Chrysene-d12 (IS)
f(x)=? rr1=0.000000 rr2=0.000000
MeanRF: 0.00 RFSD:-- RFRSD:--
CurveType:?

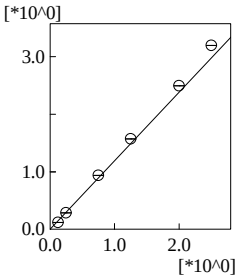
ISTD

ID#:96 Mass:202.00 Name:Pyrene
f(x)=1.878790*x rr1=0.999596 rr2=0.999191
MeanRF: 1.88 RFSD:0.20 RFRSD:10.88
CurveType:Mean Response Factor



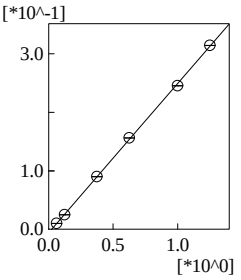
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.05
3	0.125	0.20
4	0.250	0.46
5	0.750	1.43
6	1.250	2.41
7	2.000	3.67
8	2.500	4.55

ID#:97 Mass:244.00 Name:p-Terphenyl-d14
f(x)=1.190472*x rr1=0.999872 rr2=0.999745
MeanRF: 1.19 RFSD:0.12 RFRSD:9.79
CurveType:Mean Response Factor



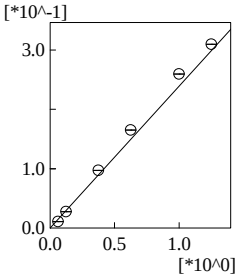
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.12
4	0.250	0.29
5	0.750	0.93
6	1.250	1.57
7	2.000	2.49
8	2.500	3.19

ID#:98 Mass:185.00 Name:Aramite A
f(x)=-0.000760*x^2+0.255981*x-0.006067 rr1=0.999849 rr2=0.999699
MeanRF: 0.22 RFSD:0.04 RFRSD:16.11
CurveType:2nd Order Regression



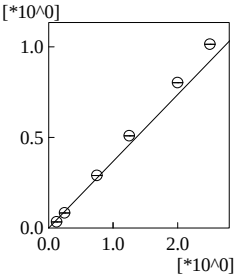
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.063	0.01
4	0.125	0.03
5	0.375	0.09
6	0.625	0.16
7	1.000	0.25
8	1.250	0.31

ID#:99 Mass:185.00 Name:Aramite B
f(x)=0.238847*x rr1=0.998845 rr2=0.997692
MeanRF: 0.24 RFSD:0.03 RFRSD:13.70
CurveType:Mean Response Factor



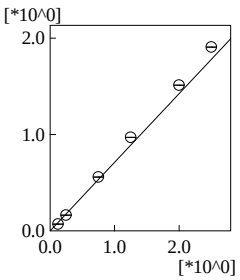
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.063	0.01
4	0.125	0.03
5	0.375	0.10
6	0.625	0.17
7	1.000	0.26
8	1.250	0.31

ID#:100 Mass:251.00 Name:Chlorobenzilate
f(x)=0.367881*x rr1=0.999893 rr2=0.999787
MeanRF: 0.37 RFSD:0.05 RFRSD:14.77
CurveType:Mean Response Factor



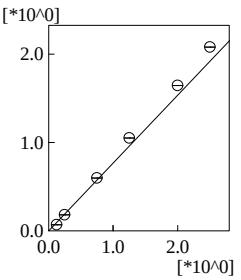
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.03
4	0.250	0.08
5	0.750	0.29
6	1.250	0.51
7	2.000	0.80
8	2.500	1.01

ID#:101 Mass:149.00 Name:Butyl benzyl phthalate
f(x)=0.712256*x rr1=0.999842 rr2=0.999684
MeanRF: 0.71 RFSD:0.08 RFRSD:11.48
CurveType:Mean Response Factor



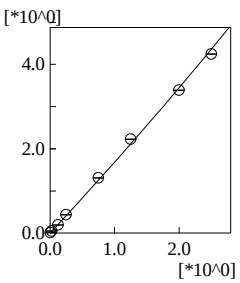
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.07
4	0.250	0.17
5	0.750	0.56
6	1.250	0.97
7	2.000	1.51
8	2.500	1.91

ID#:102 Mass:129.00 Name:Di(2-ethylhexyl) adipate
f(x)=0.766943*x rr1=0.999867 rr2=0.999734
MeanRF: 0.77 RFSD:0.10 RFRSD:13.31
CurveType:Mean Response Factor



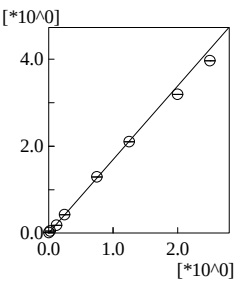
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.07
4	0.250	0.18
5	0.750	0.60
6	1.250	1.05
7	2.000	1.65
8	2.500	2.08

ID#:103 Mass:228.00 Name:Benzo[a]anthracene
f(x)=0.044021*x^2+1.630718*x+0.006456 rr1=0.998634 rr2=0.997270
MeanRF: 1.87 RFSD:0.44 RFRSD:23.34
CurveType:2nd Order Regression



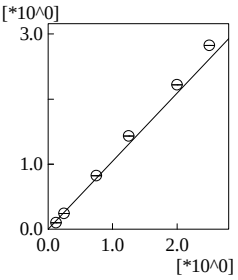
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.05
3	0.125	0.19
4	0.250	0.43
5	0.750	1.31
6	1.250	2.23
7	2.000	3.39
8	2.500	4.25

ID#:104 Mass:228.00 Name:Chrysene
f(x)=1.690285*x rr1=0.999458 rr2=0.998917
MeanRF: 1.69 RFSD:0.17 RFRSD:10.00
CurveType:Mean Response Factor



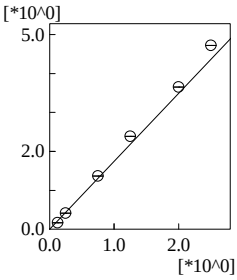
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.04
3	0.125	0.18
4	0.250	0.42
5	0.750	1.29
6	1.250	2.10
7	2.000	3.19
8	2.500	3.96

ID#:105 Mass:149.00 Name:Bis(2-Ethylhexyl) phthalate
f(x)=1.045039*x rr1=0.999785 rr2=0.999570
MeanRF: 1.05 RFSD:0.13 RFRSD:12.65
CurveType:Mean Response Factor



#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.10
4	0.250	0.25
5	0.750	0.82
6	1.250	1.43
7	2.000	2.22
8	2.500	2.82

ID#:106 Mass:149.00 Name:Di-n-octyl phthalate
f(x)=1.744874*x rr1=0.999591 rr2=0.999182
MeanRF: 1.74 RFSD:0.20 RFRSD:11.59
CurveType:Mean Response Factor

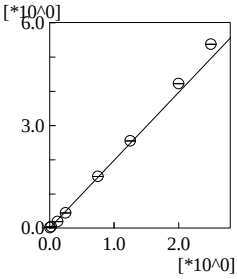


#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.17
4	0.250	0.41
5	0.750	1.37
6	1.250	2.38
7	2.000	3.65
8	2.500	4.72

ID#:107 Mass:264.00 Name:Perylene-d12 (IS)
f(x)=? rr1=0.000000 rr2=0.000000
MeanRF: 0.00 RFSD:-- RFRSD:--
CurveType:?

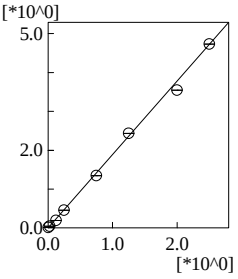
ISTD

ID#:108 Mass:252.00 Name:Benzo[b]fluoranthene
f(x)=1.980606*x rr1=0.999679 rr2=0.999358
MeanRF: 1.98 RFSD:0.30 RFRSD:14.90
CurveType:Mean Response Factor



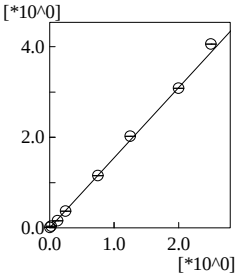
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.04
3	0.125	0.19
4	0.250	0.44
5	0.750	1.51
6	1.250	2.55
7	2.000	4.22
8	2.500	5.37

ID#:109 Mass:252.00 Name:Benzo[k]fluoranthene
f(x)=1.887490*x rr1=0.998869 rr2=0.997739
MeanRF: 1.89 RFSD:0.24 RFRSD:12.70
CurveType:Mean Response Factor



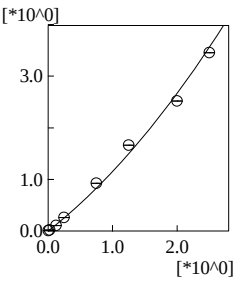
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.05
3	0.125	0.20
4	0.250	0.46
5	0.750	1.35
6	1.250	2.43
7	2.000	3.55
8	2.500	4.73

ID#:110 Mass:252.00 Name:Benzo[a]pyrene
f(x)=1.548262*x rr1=0.999434 rr2=0.998868
MeanRF: 1.55 RFSD:0.18 RFRSD:11.75
CurveType:Mean Response Factor



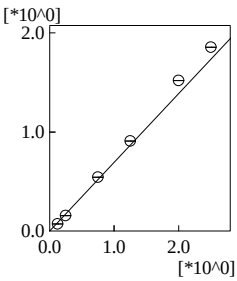
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.04
3	0.125	0.16
4	0.250	0.37
5	0.750	1.15
6	1.250	2.02
7	2.000	3.08
8	2.500	4.06

ID#:111 Mass:276.00 Name:Indeno(1,2,3-cd)pyrene
f(x)=0.180834*x^2+0.971028*x+0.001690 rr1=0.996383 rr2=0.992780
MeanRF: 1.18 RFSD:0.19 RFRSD:15.78
CurveType:2nd Order Regression



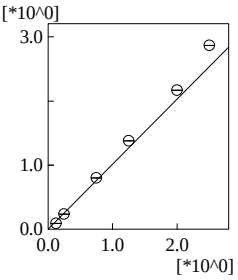
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.02
3	0.125	0.11
4	0.250	0.27
5	0.750	0.93
6	1.250	1.66
7	2.000	2.52
8	2.500	3.45

ID#:112 Mass:268.00 Name:3-Methylcholanthrene
f(x)=0.692089*x rr1=0.999763 rr2=0.999527
MeanRF: 0.69 RFSD:0.07 RFRSD:10.57
CurveType:Mean Response Factor



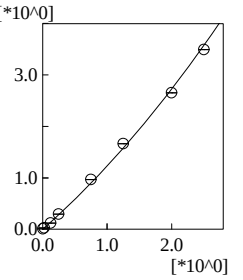
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.07
4	0.250	0.16
5	0.750	0.54
6	1.250	0.91
7	2.000	1.52
8	2.500	1.85

ID#:113 Mass:279.00 Name:Dibenz(a,j)Acridine
f(x)=1.014456*x rr1=0.999354 rr2=0.998709
MeanRF: 1.01 RFSD:0.15 RFRSD:14.70
CurveType:Mean Response Factor



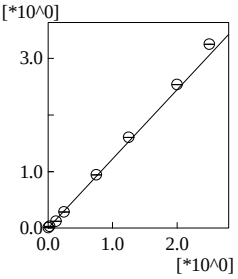
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.09
4	0.250	0.24
5	0.750	0.80
6	1.250	1.38
7	2.000	2.17
8	2.500	2.87

ID#:114 Mass:278.00 Name:Dibenzo[a,h]anthracene
f(x)=0.134114*x^2+1.092285*x+0.002695 rr1=0.998115 rr2=0.996234
MeanRF: 1.29 RFSD:0.19 RFRSD:14.45
CurveType:2nd Order Regression



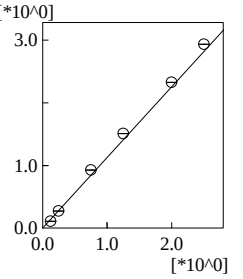
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.03
3	0.125	0.12
4	0.250	0.30
5	0.750	0.97
6	1.250	1.67
7	2.000	2.65
8	2.500	3.49

ID#:115 Mass:276.00 Name:Benzo[g,h,i]perylene
f(x)=1.221874*x rr1=0.999833 rr2=0.999667
MeanRF: 1.22 RFSD:0.13 RFRSD:10.71
CurveType:Mean Response Factor



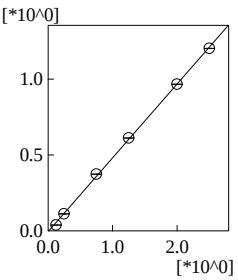
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.03
3	0.125	0.12
4	0.250	0.29
5	0.750	0.94
6	1.250	1.60
7	2.000	2.54
8	2.500	3.25

ID#:116 Mass:93.00 Name:2-Picoline (2-Methylpyridine)
f(x)=1.127450*x rr1=0.999524 rr2=0.999048
MeanRF: 1.13 RFSD:0.13 RFRSD:11.53
CurveType:Mean Response Factor



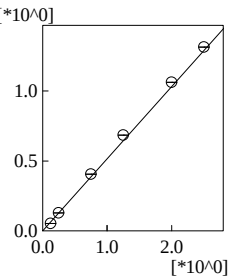
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.11
4	0.250	0.28
5	0.750	0.93
6	1.250	1.51
7	2.000	2.33
8	2.500	2.94

ID#:117 Mass:88.00 Name:N-Nitrosomethylethylamine
f(x)=0.487017*x-0.007238 rr1=0.999669 rr2=0.999338
MeanRF: 0.45 RFSD:0.07 RFRSD:16.35
CurveType:Least Square Method



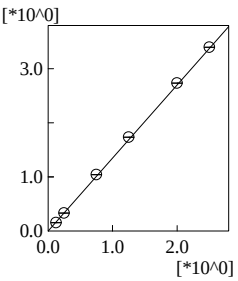
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.04
4	0.250	0.11
5	0.750	0.37
6	1.250	0.61
7	2.000	0.97
8	2.500	1.20

ID#:118 Mass:102.00 Name:N-Nitrosodiethylamine
f(x)=0.514679*x rr1=0.999659 rr2=0.999318
MeanRF: 0.51 RFSD:0.04 RFRSD:8.26
CurveType:Mean Response Factor



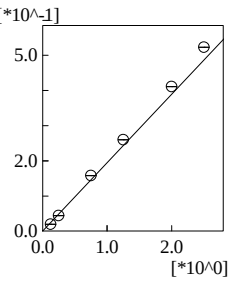
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.05
4	0.250	0.13
5	0.750	0.40
6	1.250	0.68
7	2.000	1.06
8	2.500	1.31

ID#:119 Mass:57.00 Name:n-Decane
f(x)=1.347963*x rr1=0.999890 rr2=0.999780
MeanRF: 1.35 RFSD:0.05 RFRSD:4.02
CurveType:Mean Response Factor



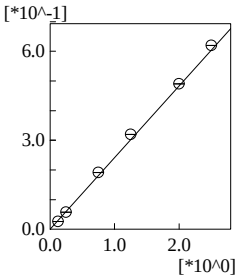
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.16
4	0.250	0.33
5	0.750	1.04
6	1.250	1.74
7	2.000	2.73
8	2.500	3.40

ID#:120 Mass:100.00 Name:N-Nitrosopyrrolidine
f(x)=0.194647*x rr1=0.999827 rr2=0.999654
MeanRF: 0.19 RFSD:0.02 RFRSD:11.35
CurveType:Mean Response Factor



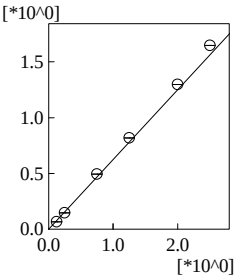
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.02
4	0.250	0.04
5	0.750	0.16
6	1.250	0.26
7	2.000	0.41
8	2.500	0.52

ID#:121 Mass:56.00 Name:N-Nitrosomorpholine
f(x)=0.241313*x rr1=0.999655 rr2=0.999309
MeanRF: 0.24 RFSD:0.02 RFRSD:7.24
CurveType:Mean Response Factor



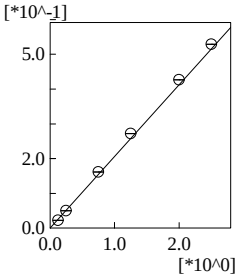
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.03
4	0.250	0.06
5	0.750	0.19
6	1.250	0.32
7	2.000	0.49
8	2.500	0.62

ID#:122 Mass:106.00 Name:o-Toluidine
f(x)=0.624770*x rr1=0.999904 rr2=0.999808
MeanRF: 0.62 RFSD:0.05 RFRSD:7.80
CurveType:Mean Response Factor



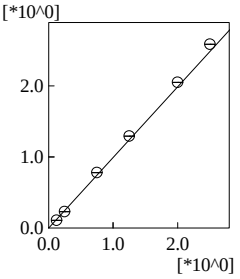
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.07
4	0.250	0.15
5	0.750	0.49
6	1.250	0.82
7	2.000	1.30
8	2.500	1.65

ID#:123 Mass:114.00 Name:N-Nitrosopiperidine
f(x)=0.206148*x rr1=0.999798 rr2=0.999596
MeanRF: 0.21 RFSD:0.01 RFRSD:7.26
CurveType:Mean Response Factor



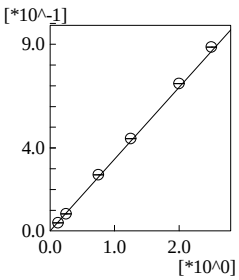
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.02
4	0.250	0.05
5	0.750	0.16
6	1.250	0.27
7	2.000	0.43
8	2.500	0.53

ID#:124 Mass:58.00 Name:a,a-Dimethylphenethylamine
f(x)=0.991440*x rr1=0.999935 rr2=0.999870
MeanRF: 0.99 RFSD:0.06 RFRSD:6.54
CurveType:Mean Response Factor



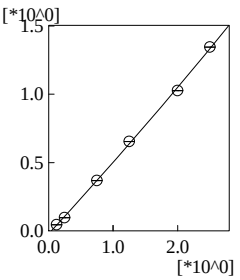
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.11
4	0.250	0.23
5	0.750	0.78
6	1.250	1.29
7	2.000	2.05
8	2.500	2.58

ID#:125 Mass:59.00 Name:Alpha-Terpineol
f(x)=0.346361*x rr1=0.999949 rr2=0.999898
MeanRF: 0.35 RFSD:0.02 RFRSD:4.74
CurveType:Mean Response Factor



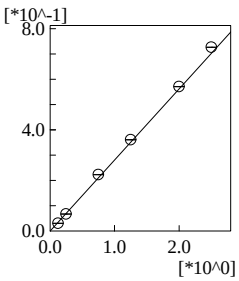
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.04
4	0.250	0.08
5	0.750	0.27
6	1.250	0.45
7	2.000	0.71
8	2.500	0.89

ID#:126 Mass:108.00 Name:p-Phenylenediamine
f(x)=0.011931*x^2+0.512733*x-0.022622 rr1=0.999591 rr2=0.999183
MeanRF: 0.47 RFSD:0.08 RFRSD:16.00
CurveType:2nd Order Regression



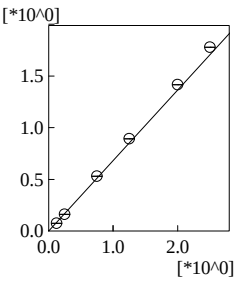
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.04
4	0.250	0.10
5	0.750	0.37
6	1.250	0.65
7	2.000	1.03
8	2.500	1.35

ID#:127 Mass:84.00 Name:N-Nitrosodi-n-butylamine
f(x)=0.280592*x rr1=0.999813 rr2=0.999626
MeanRF: 0.28 RFSD:0.02 RFRSD:6.20
CurveType:Mean Response Factor



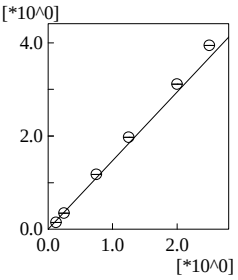
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.03
4	0.250	0.07
5	0.750	0.22
6	1.250	0.36
7	2.000	0.57
8	2.500	0.73

ID#:128 Mass:161.00 Name:2,3-Dichloroaniline
f(x)=0.681526*x rr1=0.999964 rr2=0.999928
MeanRF: 0.68 RFSD:0.05 RFRSD:6.82
CurveType:Mean Response Factor



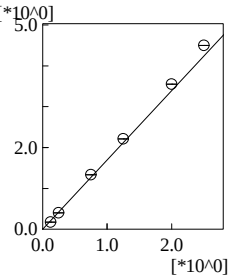
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.08
4	0.250	0.16
5	0.750	0.53
6	1.250	0.89
7	2.000	1.42
8	2.500	1.78

ID#:129 Mass:143.00 Name:1-Naphthylamine
f(x)=1.471245*x rr1=0.999902 rr2=0.999804
MeanRF: 1.47 RFSD:0.17 RFRSD:11.55
CurveType:Mean Response Factor



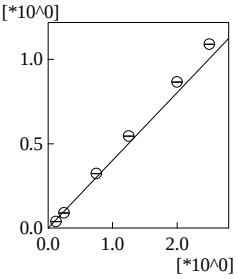
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.14
4	0.250	0.35
5	0.750	1.17
6	1.250	1.98
7	2.000	3.12
8	2.500	3.94

ID#:130 Mass:143.00 Name:2-Naphthylamine
f(x)=1.696198*x rr1=0.999951 rr2=0.999902
MeanRF: 1.70 RFSD:0.14 RFRSD:8.54
CurveType:Mean Response Factor



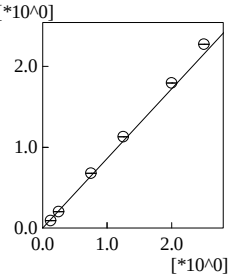
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.18
4	0.250	0.41
5	0.750	1.33
6	1.250	2.22
7	2.000	3.55
8	2.500	4.50

ID#:131 Mass:152.00 Name:5-Nitro-o-Toluidine
f(x)=0.401287*x rr1=0.999929 rr2=0.999859
MeanRF: 0.40 RFSD:0.05 RFRSD:13.00
CurveType:Mean Response Factor



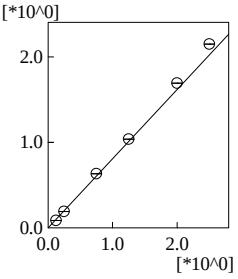
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.04
4	0.250	0.09
5	0.750	0.32
6	1.250	0.54
7	2.000	0.87
8	2.500	1.09

ID#:132 Mass:169.00 Name:4-Aminobiphenyl
f(x)=0.859594*x rr1=0.999938 rr2=0.999877
MeanRF: 0.86 RFSD:0.07 RFRSD:8.28
CurveType:Mean Response Factor



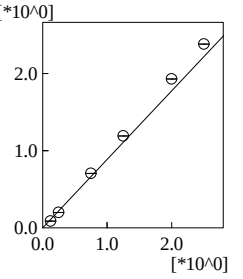
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.09
4	0.250	0.20
5	0.750	0.68
6	1.250	1.13
7	2.000	1.79
8	2.500	2.27

ID#:133 Mass:57.00 Name:n-Octadecane
f(x)=0.808523*x rr1=0.999889 rr2=0.999779
MeanRF: 0.81 RFSD:0.06 RFRSD:7.76
CurveType:Mean Response Factor



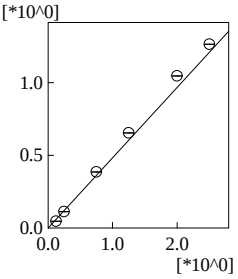
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.09
4	0.250	0.19
5	0.750	0.64
6	1.250	1.04
7	2.000	1.69
8	2.500	2.15

ID#:134 Mass:184.00 Name:Benzidine
f(x)=0.886765*x rr1=0.999895 rr2=0.999790
MeanRF: 0.89 RFSD:0.11 RFRSD:12.25
CurveType:Mean Response Factor



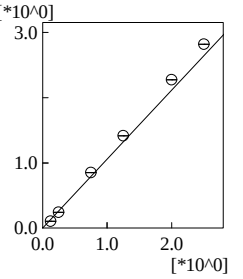
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.09
4	0.250	0.20
5	0.750	0.71
6	1.250	1.19
7	2.000	1.93
8	2.500	2.38

ID#:135 Mass:120.00 Name:4-Dimethyl aminoazobenzene
f(x)=0.482862*x rr1=0.999460 rr2=0.998920
MeanRF: 0.48 RFSD:0.06 RFRSD:11.96
CurveType:Mean Response Factor



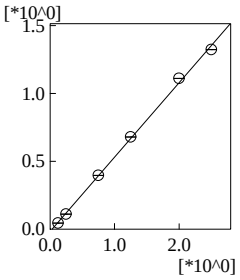
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.05
4	0.250	0.11
5	0.750	0.39
6	1.250	0.65
7	2.000	1.05
8	2.500	1.26

ID#:136 Mass:212.00 Name:3,3'-Dimethylbenzidine
f(x)=1.058046*x rr1=0.999876 rr2=0.999752
MeanRF: 1.06 RFSD:0.13 RFRSD:11.84
CurveType:Mean Response Factor



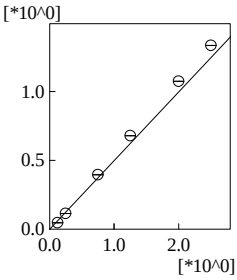
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.11
4	0.250	0.24
5	0.750	0.85
6	1.250	1.42
7	2.000	2.28
8	2.500	2.82

ID#:137 Mass:181.00 Name:2-Acetylaminofluorene
f(x)=0.548178*x-0.016890 rr1=0.999201 rr2=0.998403
MeanRF: 0.49 RFSD:0.07 RFRSD:14.97
CurveType:Least Square Method



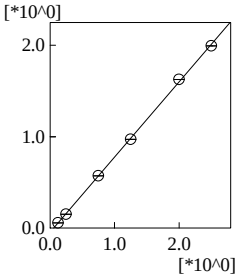
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.05
4	0.250	0.11
5	0.750	0.40
6	1.250	0.68
7	2.000	1.11
8	2.500	1.32

ID#:138 Mass:252.00 Name:3,3`-Dichlorobenzidine
f(x)=0.497612*x rr1=0.999859 rr2=0.999718
MeanRF: 0.50 RFSD:0.06 RFRSD:12.56
CurveType:Mean Response Factor



#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.05
4	0.250	0.11
5	0.750	0.40
6	1.250	0.68
7	2.000	1.07
8	2.500	1.33

ID#:139 Mass:256.00 Name:7,12-Dimethylbenz[a]anthracene
f(x)=0.823374*x-0.047710 rr1=0.999788 rr2=0.999576
MeanRF: 0.70 RFSD:0.14 RFRSD:19.68
CurveType:Least Square Method



#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.06
4	0.250	0.15
5	0.750	0.57
6	1.250	0.97
7	2.000	1.63
8	2.500	1.99

Analyst: CMN Instrument: J7H Trace Number: SVOC-BO45-F14-Y
Method: 8270C/D/E/625.1 Batch:
Sample ID: A ICAL1 Data File: C:\GCMSsolution\Data\221130H004.qgd
Date: 11/30/2022 Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm
Time: 17:33:21 Sample Name: A ICAL1
Dilution: 1

Internal Standard

ID#	Name	Mass	Time	Area	Conc.
1	1,4-Dichlorobenzene-d4 (IS)	150.00	9.90	210535	40.00
24	Naphthalene-d8 (IS)	136.00	12.06	563944	40.00
45	Acenaphthene-d10 (IS)	164.00	14.97	282991	40.00
73	Phenanthrene-d10 (IS)	188.00	17.41	535728	40.00
95	Chrysene-d12 (IS)	240.00	21.74	482062	40.00
107	Perylene-d12 (IS)	264.00	23.90	369154	40.00

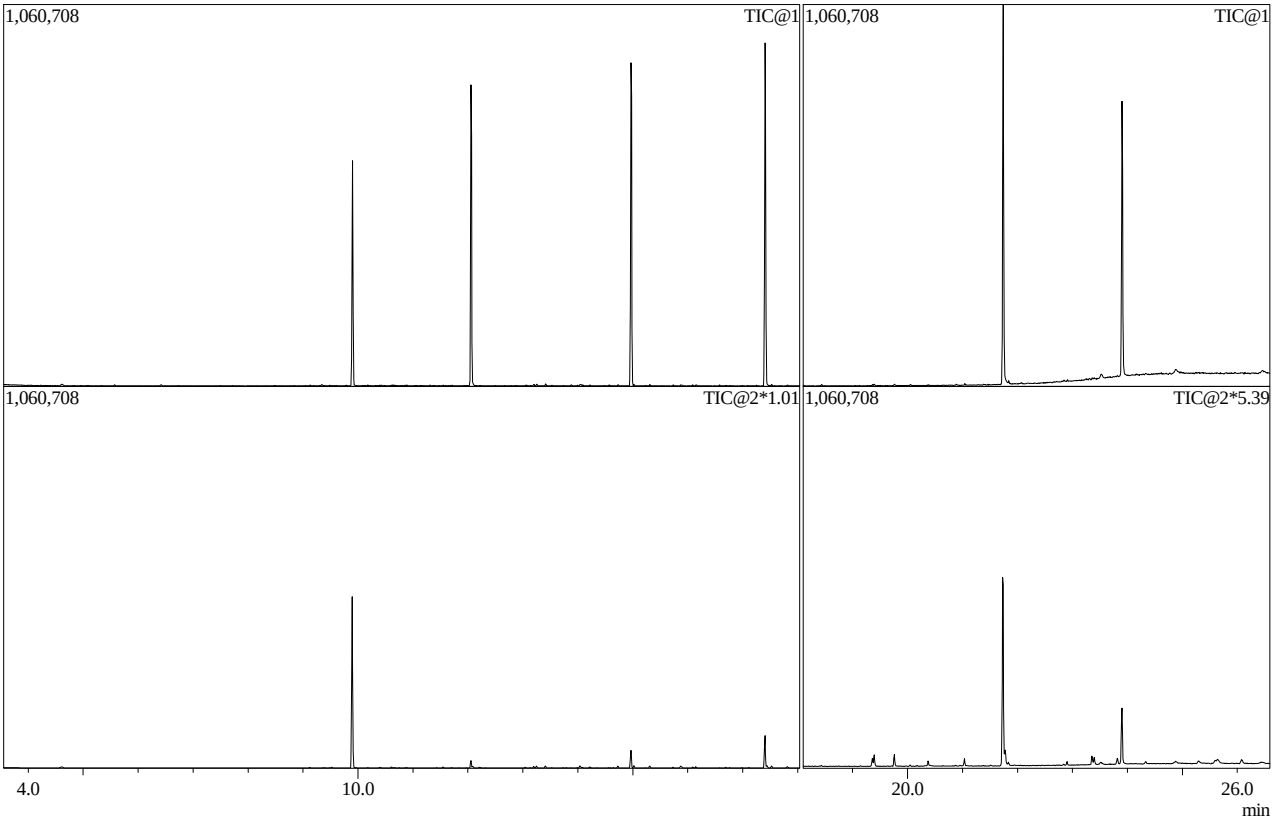
Surrogate

ID#	Name	Mass	Time	Area	Conc.
5	2-Fluorophenol	112.00	-	---	N.D.(Peak)
10	Phenol-d6	99.00	-	---	N.D.(Peak)
25	Nitrobenzene-d5	82.00	-	---	N.D.(Ref)
50	2-Fluorobiphenyl	172.00	-	---	N.D.(Ref)
78	2,4,6-Tribromophenol	330.00	-	---	N.D.(Peak)
97	p-Terphenyl-d14	244.00	-	---	N.D.(Ref)

Target

ID#	Name	Mass	Time	Area	Conc.
2	N-Nitrosodimethylamine	74.00	-	---	N.D.(Peak)
3	Pyridine	79.00	-	---	N.D.(Peak)
4	Methyl methanesulfonate	80.00	-	---	N.D.(Peak)
6	Ethyl methanesulfonate	79.00	-	---	N.D.(Peak)
7	Benzaldehyde	106.00	-	---	N.D.(Peak)
8	Aniline	93.00	-	---	N.D.(Peak)
9	Pentachloroethane	167.00	-	---	N.D.(Peak)
11	Phenol	94.00	-	---	N.D.(Peak)
12	bis(2-Chloroethyl)Ether	93.00	-	---	N.D.(Peak)
13	2-Chlorophenol	128.00	-	---	N.D.(Peak)
14	1,3-Dichlorobenzene	146.00	-	---	N.D.(Ref)
15	1,4-Dichlorobenzene	146.00	-	---	N.D.(Ref)
16	1,2-Dichlorobenzene	146.00	-	---	N.D.(Ref)
17	Benzyl Alcohol	79.00	-	---	N.D.(Ref)
18	bis(2-Chloroisopropyl) Ether	45.00	-	---	N.D.(Ref)
19	2-Methylphenol (o-Cresol)	108.00	-	---	N.D.(Peak)
20	Acetophenone	105.00	-	---	N.D.(Peak)
21	N-Nitrosodi-n-propylamine	70.00	-	---	N.D.(Peak)
22	3+4-Methylphenol(m&p-Cresol)	107.00	-	---	N.D.(Peak)
23	Hexachloroethane	117.00	-	---	N.D.(Peak)
26	Nitrobenzene	77.00	-	---	N.D.(Peak)
27	Isophorone	82.00	-	---	N.D.(Ref)
28	2-Nitrophenol	139.00	-	---	N.D.(Peak)
29	2,4-Dimethylphenol	107.00	-	---	N.D.(Peak)
30	Bis(2-Chloroethoxy)methane	93.00	-	---	N.D.(Peak)
31	2,4-Dichlorophenol	162.00	-	---	N.D.(Peak)
32	Benzoic Acid	105.00	-	---	N.D.(Peak)
33	1,2,4-Trichlorobenzene	180.00	-	---	N.D.(Peak)
34	Naphthalene	128.00	12.09	4517	0.23
35	4-Chloroaniline	127.00	-	---	N.D.(Peak)
36	2,6-Dichlorophenol	162.00	-	---	N.D.(Peak)
37	Hexachloropropene	213.00	-	---	N.D.(Peak)
38	Hexachlorobutadiene	225.00	-	---	N.D.(Peak)
39	Caprolactam	55.00	-	---	N.D.(Peak)
40	2-Methylnaphthalene-d10	152.00	-	---	N.D.
41	4-Chloro-3-methylphenol	107.00	-	---	N.D.(Peak)
42	Safrole	162.00	-	---	N.D.(Peak)
43	2-Methylnaphthalene	142.00	13.25	3074	0.25
44	1-Methylnaphthalene	142.00	13.41	2950	0.25
46	Hexachlorocyclopentadiene	237.00	-	---	N.D.(Peak)
47	1,2,4,5-Tetrachlorobenzene	216.00	-	---	N.D.(Peak)
48	2,4,6-Trichlorophenol	196.00	-	---	N.D.(Peak)
49	2,4,5-Trichlorophenol	196.00	-	---	N.D.(Peak)
51	Isosafrole	162.00	-	---	N.D.(Peak)
52	1,1'-Biphenyl	154.00	-	---	N.D.
53	2-Chloronaphthalene	162.00	-	---	N.D.(Peak)
54	1-Chloronaphthalene	162.00	-	---	N.D.(Peak)
55	2-Nitroaniline	138.00	-	---	N.D.(Peak)
56	1,4-Naphthoquinone	158.00	-	---	N.D.(Peak)
57	Dimethyl phthalate	163.00	-	---	N.D.(Ref)
58	1,3-Dinitrobenzene	168.00	-	---	N.D.(Peak)

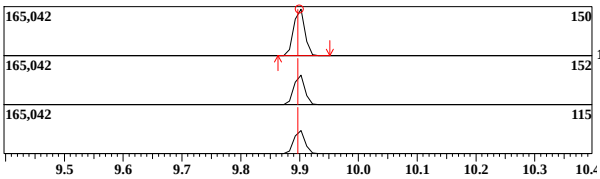
ID#	Name	Mass	Time	Area	Conc.
59	2,6-Dinitrotoluene (2,6-DNT)	165.00	-	---	N.D.(Ref)
60	Acenaphthylene	152.00	14.73	4153	0.24
61	3-Nitroaniline	138.00	-	---	N.D.(Peak)
62	Acenaphthene	154.00	15.02	2863	0.25
63	2,4-Dinitrophenol	184.00	-	---	N.D.(Ref)
64	Pentachlorobenzene	250.00	-	---	N.D.(Peak)
65	Dibenzofuran	168.00	15.31	4277	0.23
66	2,4-Dinitrotoluene (2,4-DNT)	165.00	-	---	N.D.(Ref)
67	4-Nitrophenol	65.00	-	---	N.D.(Peak)
68	2,3,4,6-Tetrachlorophenol	232.00	-	---	N.D.(Peak)
69	Diethyl phthalate	149.00	-	---	N.D.(Ref)
70	Fluorene	166.00	15.87	3071	0.25
71	4-Chlorophenyl phenyl ether	204.00	-	---	N.D.(Peak)
72	4-Nitroaniline	138.00	-	---	N.D.(Peak)
74	4,6-Dinitro-2-methylphenol	198.00	-	---	N.D.
75	N-Nitrosodiphenylamine	169.00	-	---	N.D.(Peak)
76	Diphenylamine	169.00	-	---	N.D.(Peak)
77	1,2-Diphenylhydrazine	77.00	-	---	N.D.
79	(cis/trans)-Diallate	43.00	-	---	N.D.(Peak)
80	Phenacetin	108.00	-	---	N.D.(Peak)
81	4-Bromophenyl phenyl ether	250.00	-	---	N.D.(Peak)
82	Hexachlorobenzene	284.00	-	---	N.D.(Peak)
83	Atrazine	200.00	-	---	N.D.(Peak)
84	Pentachlorophenol	266.00	-	---	N.D.(Peak)
85	Pentachloronitrobenzene	237.00	-	---	N.D.(Peak)
86	Pronamide (Kerb)	173.00	-	---	N.D.(Peak)
87	Phenanthrene	178.00	17.44	4867	0.23
88	Anthracene	178.00	17.52	4775	0.26
89	Carbazole	167.00	17.81	3849	0.23
90	Di-n-butyl phthalate	149.00	-	---	N.D.(Ref)
91	4-Nitroquinoline-N-Oxide	190.00	-	---	N.D.(Peak)
92	Isodrin	193.00	-	---	N.D.(Peak)
93	Fluoranthene-d10	212.00	-	---	N.D.
94	Fluoranthene	202.00	19.39	5686	0.26
96	Pyrene	202.00	19.76	5558	0.25
98	Aramite A	185.00	-	---	N.D.(Peak)
99	Aramite B	185.00	-	---	N.D.(Peak)
100	Chlorobenzilate	251.00	-	---	N.D.(Peak)
101	Butyl benzyl phthalate	149.00	-	---	N.D.(Ref)
102	Di(2-ethylhexyl) adipate	129.00	-	---	N.D.(Ref)
103	Benzo[a]anthracene	228.00	21.72	7052	0.20
104	Chrysene	228.00	21.78	4895	0.24
105	Bis(2-Ethylhexyl) phthalate	149.00	-	---	N.D.
106	Di-n-octyl phthalate	149.00	-	---	N.D.(Ref)
108	Benzo[b]fluoranthene	252.00	23.36	4600	0.25
109	Benzo[k]fluoranthene	252.00	23.40	4448	0.26
110	Benzo[a]pyrene	252.00	23.82	3483	0.24
111	Indeno(1,2,3-cd)pyrene	276.00	25.60	2455	0.20
112	3-Methylcholanthrene	268.00	-	---	N.D.(Peak)
113	Dibenz(a,j)Acridine	279.00	-	---	N.D.(Peak)
114	Dibenzo[a,h]anthracene	278.00	25.64	3024	0.20
115	Benzo[g,h,i]perylene	276.00	26.08	2587	0.23
116	2-Picoline (2-Methylpyridine)	93.00	-	---	N.D.(Peak)
117	N-Nitrosomethylethylamine	88.00	-	---	N.D.(Peak)
118	N-Nitrosodiethylamine	102.00	-	---	N.D.(Peak)
119	n-Decane	57.00	-	---	N.D.(Ref)
120	N-Nitrosopyrrolidine	100.00	-	---	N.D.(Peak)
121	N-Nitrosomorpholine	56.00	-	---	N.D.(Peak)
122	o-Toluidine	106.00	-	---	N.D.(Peak)
123	N-Nitrosopiperidine	114.00	-	---	N.D.(Peak)
124	a,a-Dimethylphenethylamine	58.00	-	---	N.D.(Peak)
125	Alpha-Terpineol	59.00	-	---	N.D.(Peak)
126	p-Phenylenediamine	108.00	-	---	N.D.(Peak)
127	N-Nitrosodi-n-butylamine	84.00	-	---	N.D.(Peak)
128	2,3-Dichloroaniline	161.00	-	---	N.D.(Peak)
129	1-Naphthylamine	143.00	-	---	N.D.(Peak)
130	2-Naphthylamine	143.00	-	---	N.D.(Peak)
131	5-Nitro-o-Toluidine	152.00	-	---	N.D.(Peak)
132	4-Aminobiphenyl	169.00	-	---	N.D.(Peak)
133	n-Octadecane	57.00	-	---	N.D.(Peak)
134	Benzidine	184.00	-	---	N.D.(Peak)
135	4-Dimethyl aminoazobenzene	120.00	-	---	N.D.(Peak)
136	3,3'-Dimethylbenzidine	212.00	-	---	N.D.(Peak)
137	2-Acetylaminofluorene	181.00	-	---	N.D.(Peak)
138	3,3`-Dichlorobenzidine	252.00	-	---	N.D.(Peak)
139	7,12-Dimethylbenz[a]anthracene	256.00	-	---	N.D.(Peak)


1,060,708
TIC@1
1,060,708
TIC@1
1,060,708
TIC@2*1.01
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TIC@2*5.39
4.0
10.0
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min

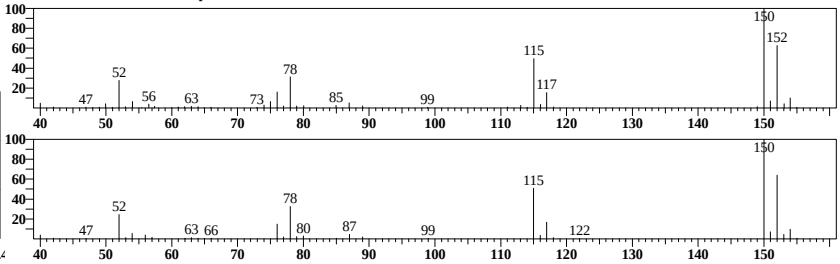
ID#:1 Name:1,4-Dichlorobenzene-d4 (IS) Type:ISTD No Manual Integration

Mass:150.00 R.T:9.899 Area:210535 Conc:40.00000ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	152.00	68591	62.56	65.66
2	115.00	54445	49.66	48.88



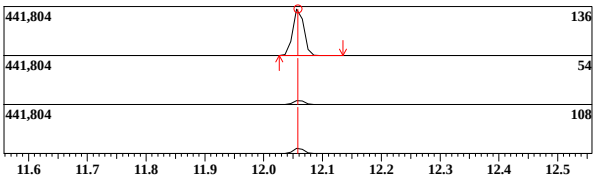
ID#:1 R.Time:9.902(Scan#:1293)
MassPeaks:46
RawMode:Averaged 9.893-9.912(1291-1295)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



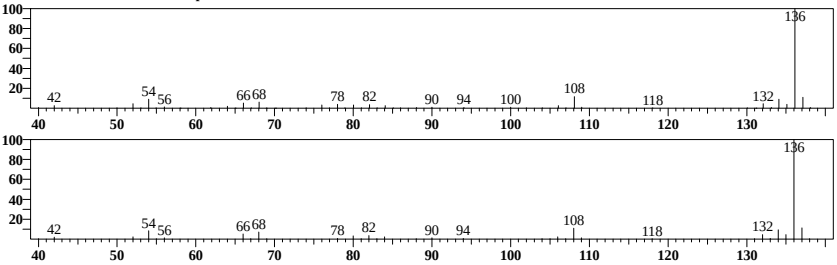
ID#:24 Name:Naphthalene-d8 (IS) Type:ISTD No Manual Integration

Mass:136.00 R.T:12.058 Area:563944 Conc:40.00000ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	54.00	26465	9.02	11.97
2	108.00	34292	11.69	12.20



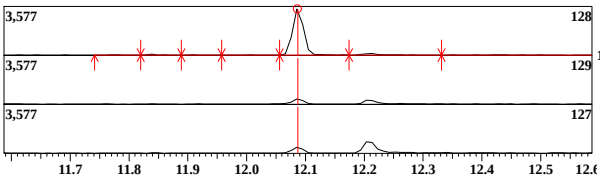
ID#:24 R.Time:12.056(Scan#:1731)
MassPeaks:49
RawMode:Averaged 12.046-12.066(1729-1733)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



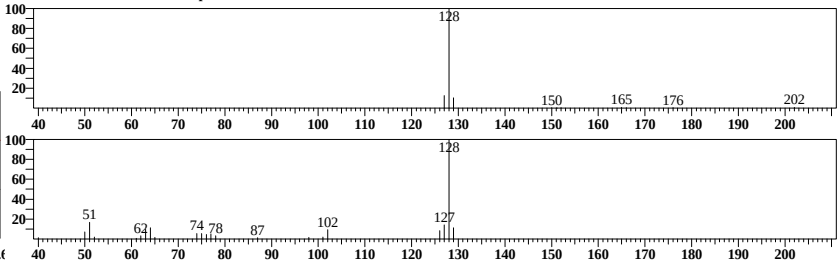
ID#:34 Name:Naphthalene Type:Target No Manual Integration

Mass:128.00 R.T:12.087 Area:4517 Conc:0.23405ppm
Event:2:SIM SI:94

#	m/z	Area	Ratio	Reference
1	129.00	237	10.32	10.48
2	127.00	291	12.67	13.97



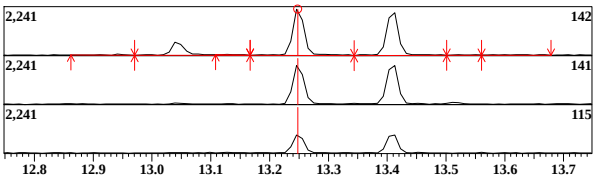
ID#:34 R.Time:12.085(Scan#:1738)
MassPeaks:10
RawMode:Averaged 12.076-12.095(1736-1740)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



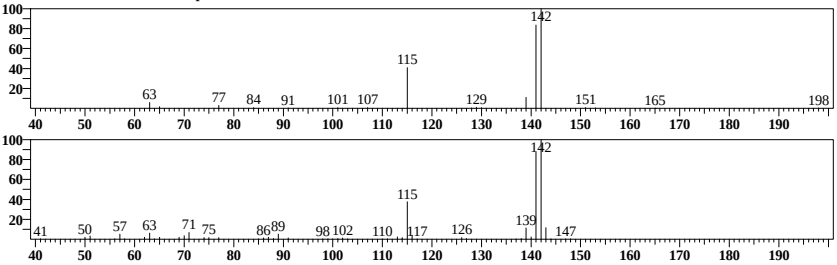
ID#:43 Name:2-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.248 Area:3074 Conc:0.24995ppm
Event:2:SIM SI:80

#	m/z	Area	Ratio	Reference
1	141.00	1212	83.47	68.04
2	115.00	591	40.70	50.52



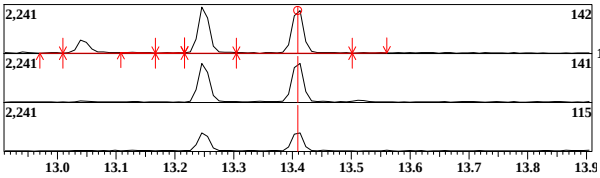
ID#:43 R.Time:13.246(Scan#:1974)
MassPeaks:18
RawMode:Averaged 13.236-13.256(1972-1976)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



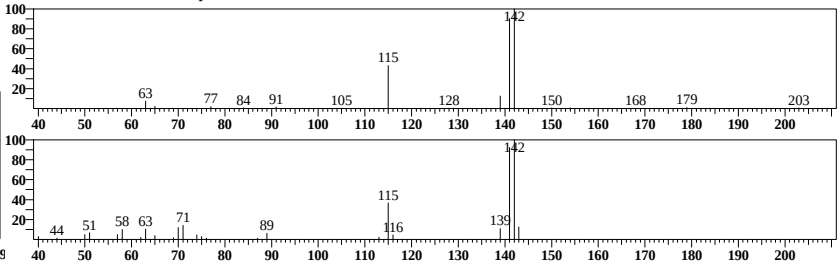
ID#:44 Name:1-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.409 Area:2950 Conc:0.25288ppm
Event:2:SIM SI:77

#	m/z	Area	Ratio	Reference
1	141.00	1244	90.21	72.83
2	115.00	592	42.93	32.61



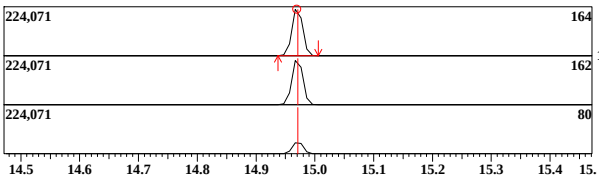
ID#:44 R.Time:13.413(Scan#:2008)
MassPeaks:24
RawMode:Averaged 13.403-13.423(2006-2010)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



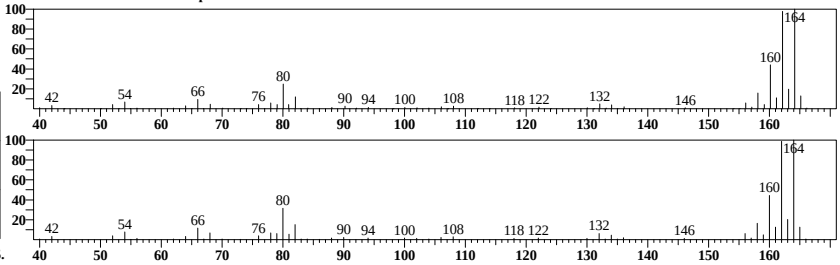
ID#:45 Name:Acenaphthene-d10 (IS) Type:ISTD No Manual Integration

Mass:164.00 R.T:14.969 Area:282991 Conc:40.00000ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	162.00	143465	97.60	95.44
2	80.00	36484	24.82	29.92



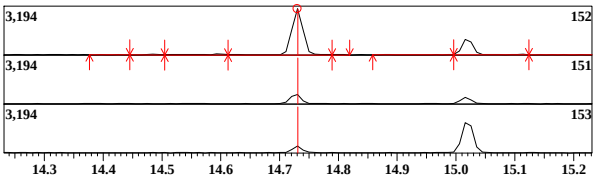
ID#:45 R.Time:14.967(Scan#:2323)
MassPeaks:65
RawMode:Averaged 14.957-14.976(2321-2325)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:60 Name:Acenaphthylene Type:Target No Manual Integration

Mass:152.00 R.T:14.730 Area:4153 Conc:0.23998ppm
Event:2:SIM SI:91

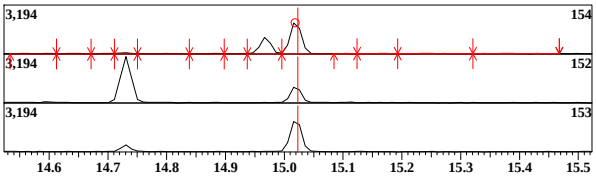
#	m/z	Area	Ratio	Reference
1	151.00	417	20.28	14.97
2	153.00	263	12.79	5.44



ID#:62 Name:Acenaphthene Type:Target No Manual Integration

Mass:154.00 R.T:15.019 Area:2863 Conc:0.24930ppm
Event:2:SIM SI:76

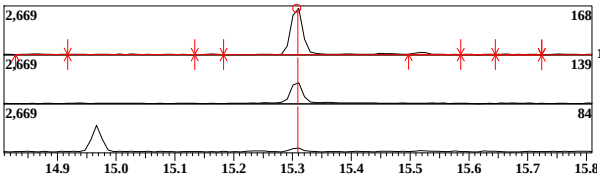
#	m/z	Area	Ratio	Reference
1	152.00	677	49.85	59.49
2	153.00	1394	102.65	105.06



ID#:65 Name:Dibenzofuran Type:Target No Manual Integration

Mass:168.00 R.T:15.307 Area:4277 Conc:0.23164ppm
Event:2:SIM SI:85

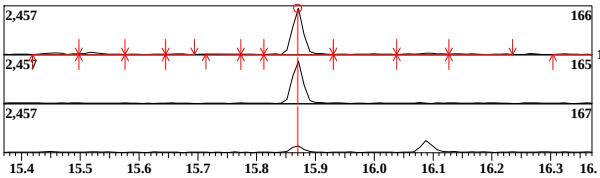
#	m/z	Area	Ratio	Reference
1	139.00	835	45.50	44.93
2	84.00	126	6.87	10.15



ID#:70 Name:Fluorene Type:Target No Manual Integration

Mass:166.00 R.T:15.870 Area:3071 Conc:0.24592ppm
Event:2:SIM SI:95

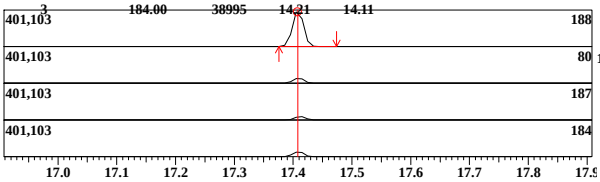
#	m/z	Area	Ratio	Reference
1	165.00	1427	92.06	75.42
2	167.00	220	14.19	3.39



ID#:73 Name:Phenanthrene-d10 (IS) Type:ISTD No Manual Integration

Mass:188.00 R.T:17.408 Area:535728 Conc:40.00000ppm
Event:1:Scan SI:96

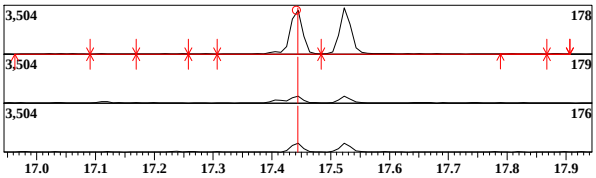
#	m/z	Area	Ratio	Reference
1	80.00	37633	13.72	15.93
2	187.00	23692	8.63	10.00
3	184.00	38995	14.21	14.11



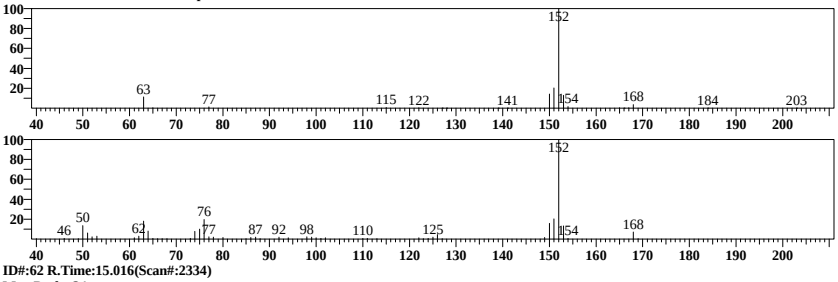
ID#:87 Name:Phenanthrene Type:Target No Manual Integration

Mass:178.00 R.T:17.442 Area:4867 Conc:0.22760ppm
Event:2:SIM SI:42

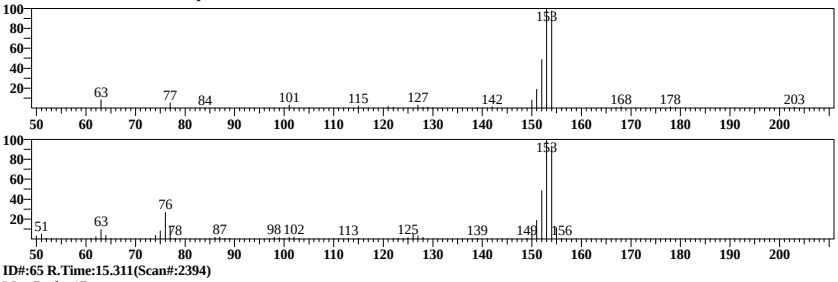
#	m/z	Area	Ratio	Reference
1	179.00	338	14.81	15.63
2	176.00	430	18.84	18.75



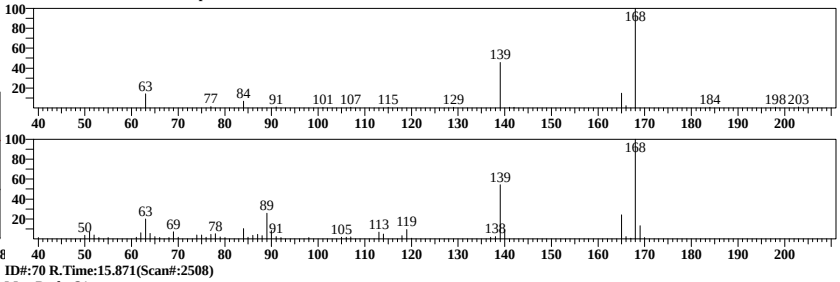
ID#:60 R.Time:14.731(Scan#:2276)
MassPeaks:20
RawMode:Averaged 14.721-14.740(2274-2278)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



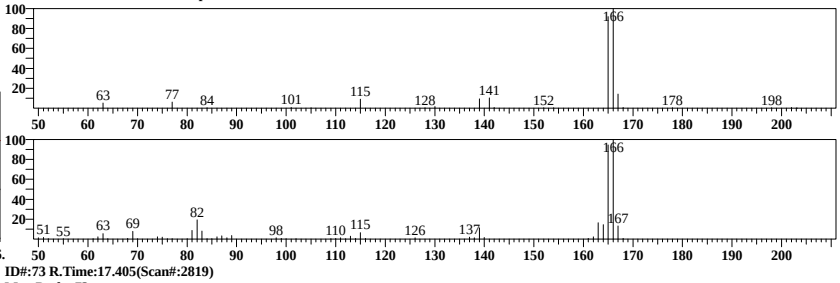
ID#:62 R.Time:15.016(Scan#:2334)
MassPeaks:24
RawMode:Averaged 15.006-15.025(2332-2336)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



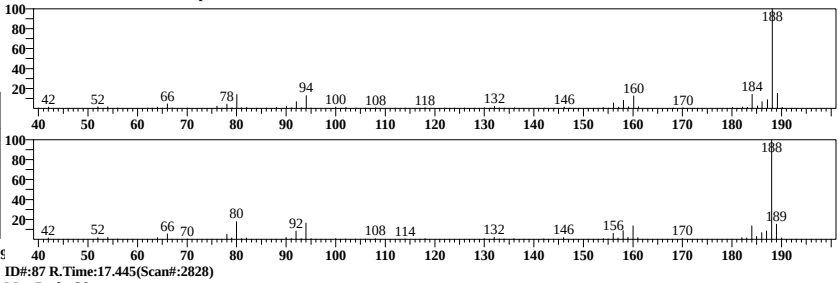
ID#:65 R.Time:15.311(Scan#:2394)
MassPeaks:17
RawMode:Averaged 15.301-15.320(2392-2396)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



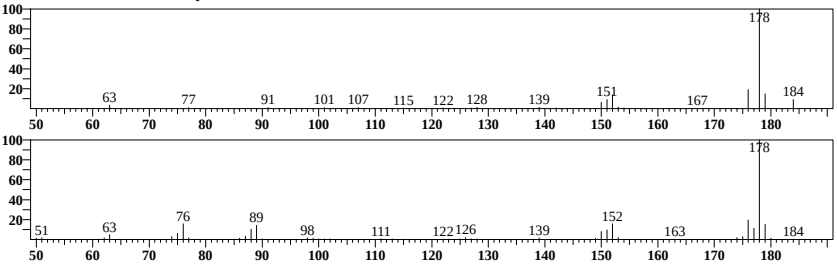
ID#:70 R.Time:15.871(Scan#:2508)
MassPeaks:21
RawMode:Averaged 15.861-15.881(2506-2510)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



ID#:73 R.Time:17.405(Scan#:2819)
MassPeaks:73
RawMode:Averaged 17.395-17.415(2817-2821)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



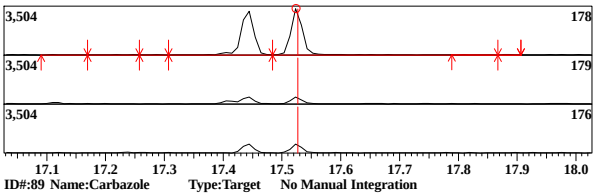
ID#:87 R.Time:17.445(Scan#:2828)
MassPeaks:26
RawMode:Averaged 17.435-17.454(2826-2830)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



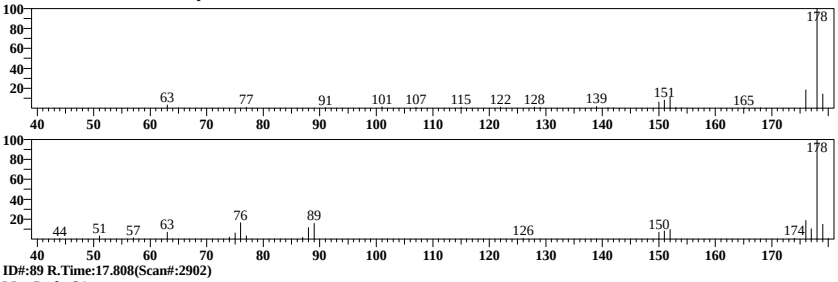
ID#:88 Name:Anthracene Type:Target No Manual Integration

Mass:178.00 R.T:17.524 Area:4775 Conc:0.25728ppm
Event:2:SIM SI:68

#	m/z	Area	Ratio	Reference
1	179.00	315	14.03	12.08
2	176.00	412	18.35	20.60



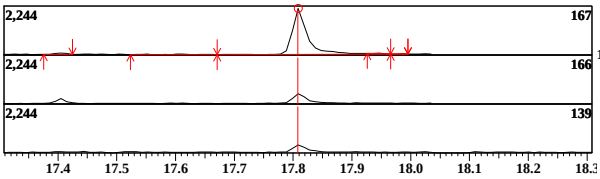
ID#:88 R.Time:17.523(Scan#:2844)
MassPeaks:23
RawMode:Averaged 17.513-17.533(2842-2846)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



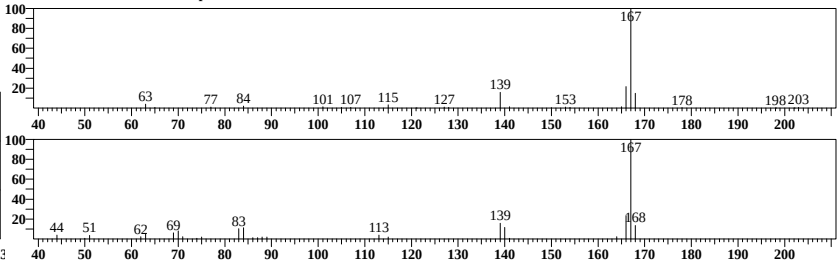
ID#:89 Name:Carbazole Type:Target No Manual Integration

Mass:167.00 R.T:17.809 Area:3849 Conc:0.23302ppm
Event:2:SIM SI:60

#	m/z	Area	Ratio	Reference
1	166.00	327	21.68	20.96
2	139.00	238	15.78	12.92



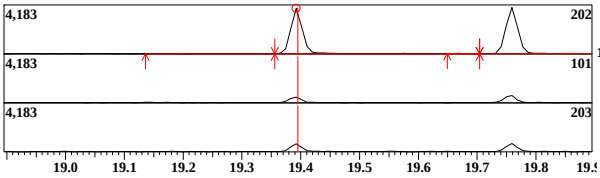
ID#:89 R.Time:17.808(Scan#:2902)
MassPeaks:24
RawMode:Averaged 17.799-17.818(2900-2904)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



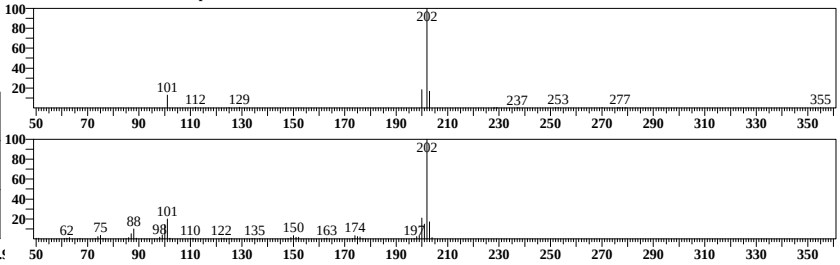
ID#:94 Name:Fluoranthene Type:Target No Manual Integration

Mass:202.00 R.T:19.392 Area:5686 Conc:0.25997ppm
Event:2:SIM SI:66

#	m/z	Area	Ratio	Reference
1	101.00	362	12.93	14.12
2	203.00	466	16.65	6.47



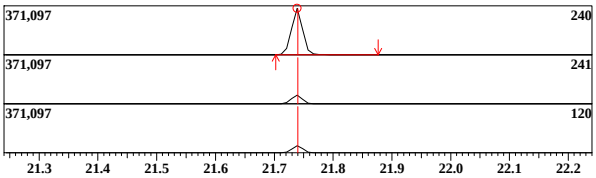
ID#:94 R.Time:19.392(Scan#:3232)
MassPeaks:18
RawMode:Averaged 19.383-19.402(3230-3234)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



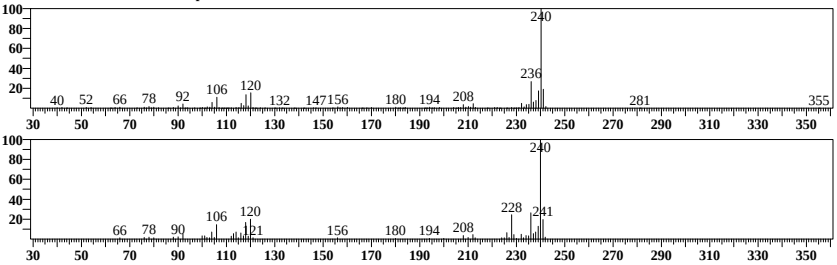
ID#:95 Name:Chrysene-d12 (IS) Type:ISTD No Manual Integration

Mass:240.00 R.T:21.739 Area:482062 Conc:40.00000ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	241.00	48219	19.09	19.13
2	120.00	39072	15.47	14.79



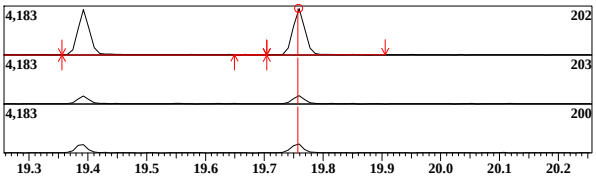
ID#:95 R.Time:21.739(Scan#:3743)
MassPeaks:106
RawMode:Averaged 21.730-21.748(3741-3745)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



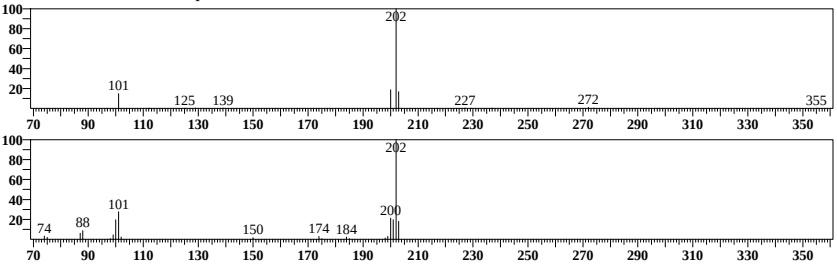
ID#:96 Name:Pyrene Type:Target No Manual Integration

Mass:202.00 R.T:19.759 Area:5558 Conc:0.24547ppm
Event:2:SIM SI:72

#	m/z	Area	Ratio	Reference
1	203.00	488	16.83	18.13
2	200.00	541	18.66	4.68



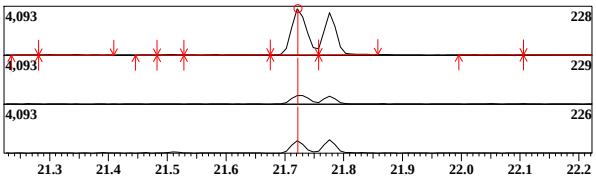
ID#:96 R.Time:19.759(Scan#:3312)
MassPeaks:14
RawMode:Averaged 19.750-19.768(3310-3314)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



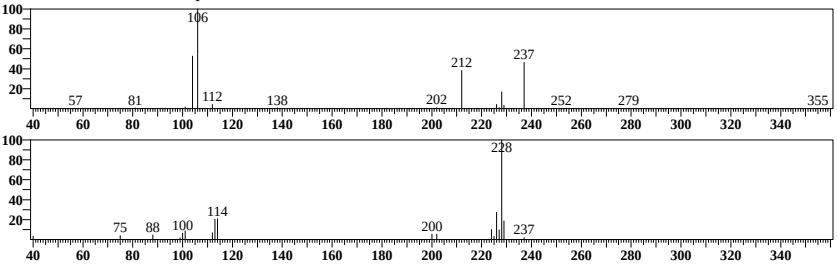
ID#:103 Name:Benzo[a]anthracene Type:Target No Manual Integration

Mass:228.00 R.T:21.723 Area:7052 Conc:0.20043ppm
Event:2:SIM SI:21

#	m/z	Area	Ratio	Reference
1	229.00	556	19.59	27.13
2	226.00	720	25.37	24.70



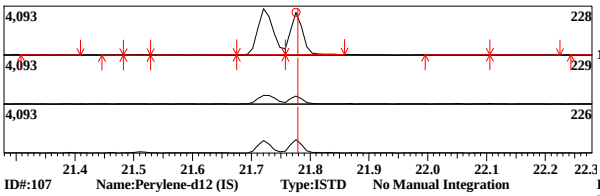
ID#:103 R.Time:21.721(Scan#:3740)
MassPeaks:22
RawMode:Averaged 21.712-21.730(3738-3742)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



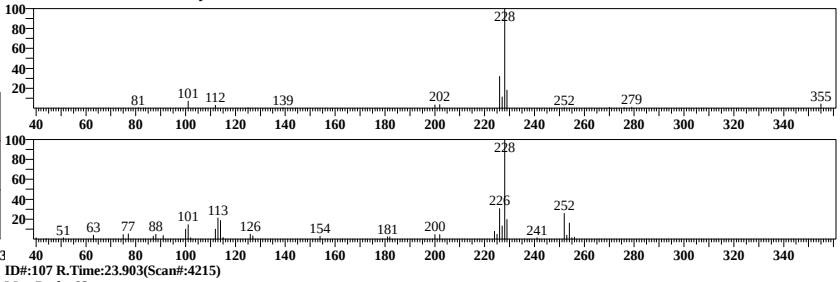
ID#:104 Name:Chrysene Type:Target No Manual Integration

Mass:228.00 R.T:21.776 Area:4895 Conc:0.24030ppm
Event:2:SIM SI:55

#	m/z	Area	Ratio	Reference
1	229.00	401	18.10	27.13
2	226.00	703	31.74	24.70



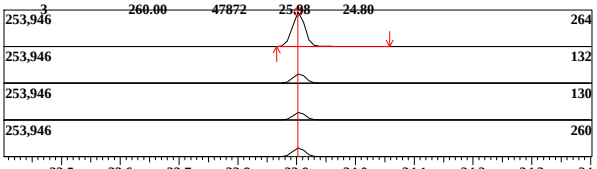
ID#:104 R.Time:21.776(Scan#:3752)
MassPeaks:16
RawMode:Averaged 21.767-21.785(3750-3754)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



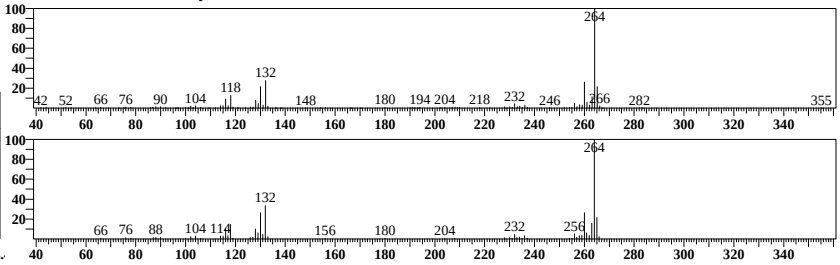
ID#:107 Name:Perylene-d12 (IS) Type:ISTD No Manual Integration

Mass:264.00 R.T:23.903 Area:369154 Conc:40.00000ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	132.00	51114	27.74	20.63
2	130.00	39973	21.69	16.36
3	260.00	47872	25.98	24.80



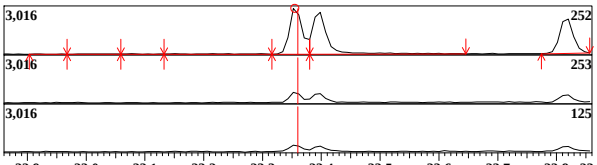
ID#:107 R.Time:23.903(Scan#:4215)
MassPeaks:92
RawMode:Averaged 23.893-23.912(4213-4217)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



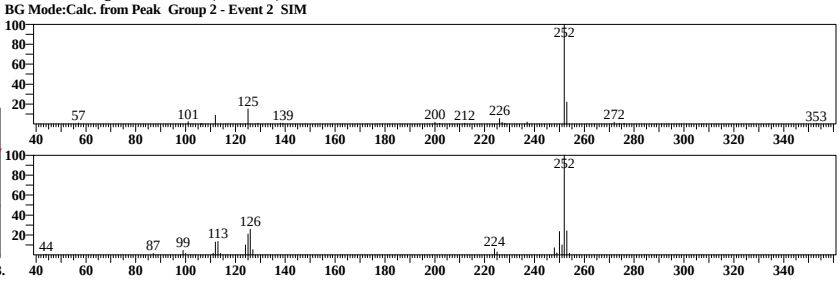
ID#:108 Name:Benzo[b]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.355 Area:4600 Conc:0.25166ppm
Event:2:SIM SI:73

#	m/z	Area	Ratio	Reference
1	253.00	343	21.89	24.52
2	125.00	239	15.25	21.64



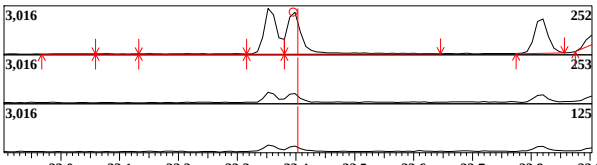
ID#:108 R.Time:23.353(Scan#:4096)
MassPeaks:21
RawMode:Averaged 23.343-23.362(4094-4098)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



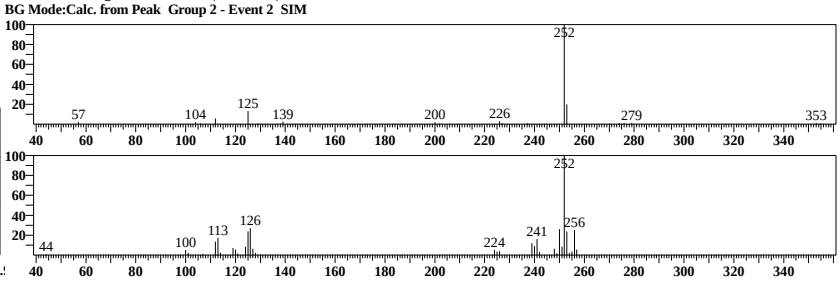
ID#:109 Name:Benzo[k]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.395 Area:4448 Conc:0.25535ppm
Event:2:SIM SI:52

#	m/z	Area	Ratio	Reference
1	253.00	242	19.75	24.52
2	125.00	159	12.98	21.64



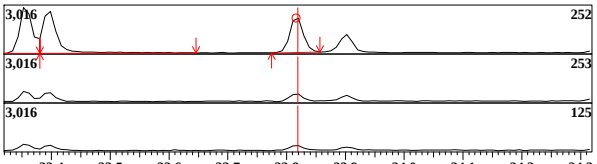
ID#:109 R.Time:23.398(Scan#:4106)
MassPeaks:21
RawMode:Averaged 23.389-23.407(4104-4108)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



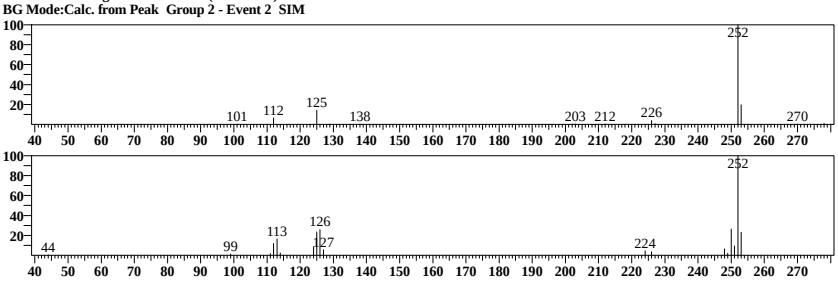
ID#:110 Name:Benzo[a]pyrene Type:Target No Manual Integration

Mass:252.00 R.T:23.817 Area:3483 Conc:0.24376ppm
Event:2:SIM SI:57

#	m/z	Area	Ratio	Reference
1	253.00	331	19.47	24.52
2	125.00	240	14.12	21.64



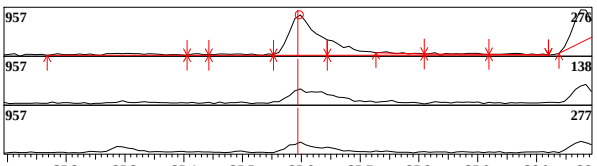
ID#:110 R.Time:23.820(Scan#:4198)
MassPeaks:15
RawMode:Averaged 23.811-23.829(4196-4200)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



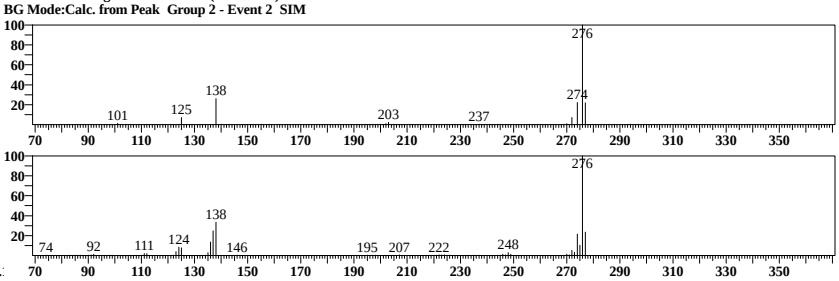
ID#:111 Name:Indeno(1,2,3-cd)pyrene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/1/2022

Mass:276.00 R.T:25.597 Area:2455 Conc:0.20412ppm
Event:2:SIM SI:39

#	m/z	Area	Ratio	Reference
1	138.00	146	26.02	6.67
2	277.00	122	21.75	14.17



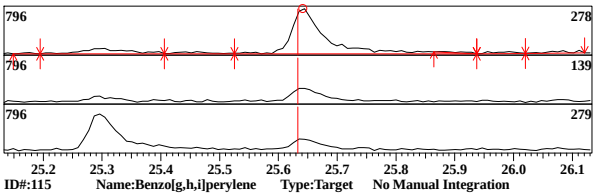
ID#:111 R.Time:25.598(Scan#:4586)
MassPeaks:13
RawMode:Averaged 25.589-25.608(4584-4588)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



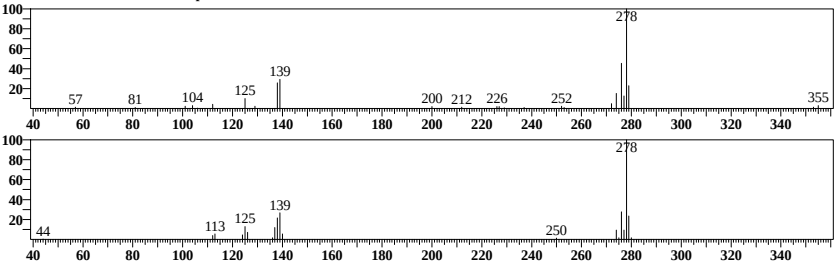
ID#:114 Name:Dibenzo[a,h]anthracene Type:Target No Manual Integration

Mass:278.00 R.T:25.642 Area:3024 Conc:0.20117ppm
Event:2:SIM SI:33

#	m/z	Area	Ratio	Reference
1	139.00	196	29.25	7.75
2	279.00	154	22.98	25.58



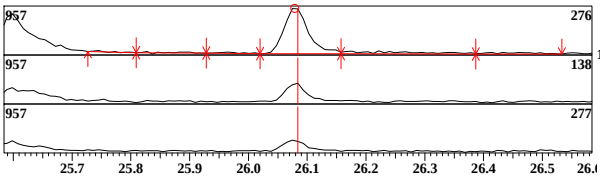
ID#:114 R.Time:25.644(Scan#:4596)
MassPeaks:26
RawMode:Averaged 25.635-25.653(4594-4598)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



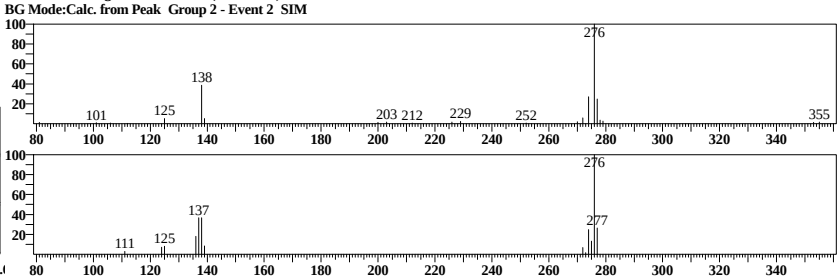
ID#:115 Name:Benzo[g,h,i]perylene Type:Target No Manual Integration

Mass:276.00 R.T:26.079 Area:2587 Conc:0.22942ppm
Event:2:SIM SI:36

#	m/z	Area	Ratio	Reference
1	138.00	305	38.51	25.00
2	277.00	197	24.87	21.09



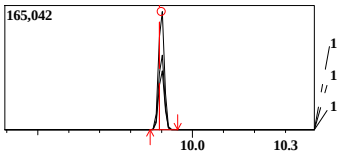
ID#:115 R.Time:26.075(Scan#:4690)
MassPeaks:22
RawMode:Averaged 26.066-26.084(4688-4692)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



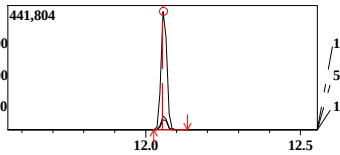
Before Manual Integrations

Analyst: CMN **Instr: J7H** **Trace Number: SVOC-BO45-F14-Y**
Method: 8270C/D/E/625.1 **Batch:**
Sample ID: A ICAL1 **Data File: C:\GCMSsolution\Data\221130H004.qgd**
Date: 11/30/2022 **Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm**
Time: 17:33:21 **Sample Name: A ICAL1**
Dilution: 1

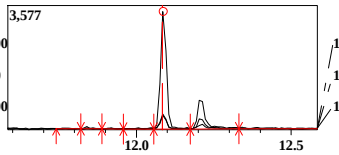
ID#:1 Name:1,4-Dichlorobenzene-d4 (IS)
Mass:150.00 Type:ISTD
R.T:9.899 Area:210535 Conc:40.00000ppm



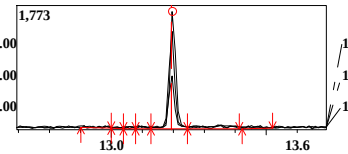
ID#:24 Name:Naphthalene-d8 (IS)
Mass:136.00 Type:ISTD
R.T:12.058 Area:563944 Conc:40.00000ppm



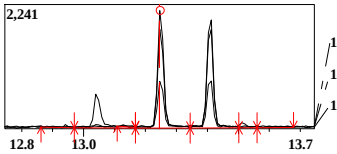
ID#:34 Name:Naphthalene
Mass:128.00 Type:Target
R.T:12.087 Area:4517 Conc:0.26285ppm



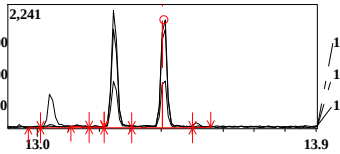
ID#:40 Name:2-Methylnaphthalene-d10
Mass:152.00 Type:Target
R.T:13.198 Area:2242 Conc:0.27163ppm



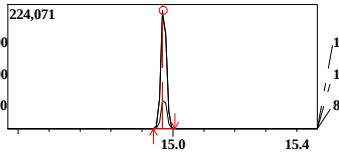
ID#:43 Name:2-Methylnaphthalene
Mass:142.00 Type:Target
R.T:13.248 Area:3074 Conc:0.29700ppm



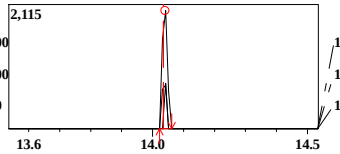
ID#:44 Name:1-Methylnaphthalene
Mass:142.00 Type:Target
R.T:13.409 Area:2950 Conc:0.30068ppm



ID#:45 Name:Acenaphthene-d10 (IS)
Mass:164.00 Type:ISTD
R.T:14.969 Area:282991 Conc:40.00000ppm



ID#:52 Name:1,1'-Biphenyl
Mass:154.00 Type:Target
R.T:14.040 Area:2470 Conc:0.18703ppm

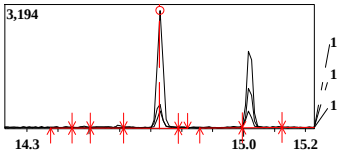


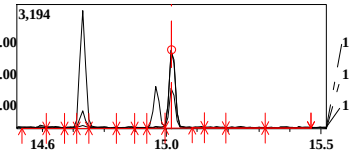
ID#:60 Name:Acenaphthylene
Mass:152.00 Type:Target
R.T:14.730 Area:4153 Conc:0.25016ppm

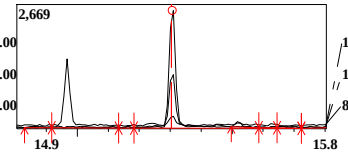
ID#:62 Name:Acenaphthene
Mass:154.00 Type:Target
R.T:15.019 Area:2863 Conc:0.27800ppm

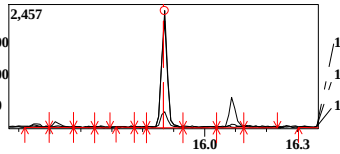
ID#:65 Name:Dibenzofuran
Mass:168.00 Type:Target
R.T:15.307 Area:4277 Conc:0.32200ppm

ID#:70 Name:Fluorene
Mass:166.00 Type:Target
R.T:15.870 Area:3071 Conc:0.29115ppm







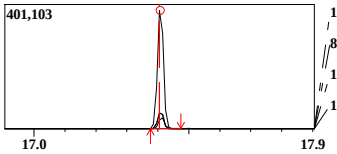


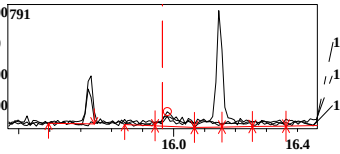
ID#:73 Name:Phenanthrene-d10 (IS)
Mass:188.00 Type:ISTD
R.T:17.408 Area:535728 Conc:40.00000ppm

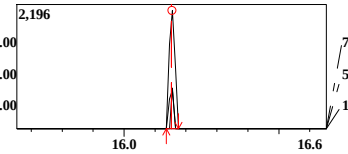
ID#:74 Name:4,6-Dinitro-2-methylphenol
Mass:198.00 Type:Target
R.T:15.981 Area:302 Conc:3.57175ppm

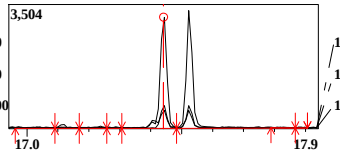
ID#:77 Name:1,2-Diphenylhydrazine
Mass:77.00 Type:Target
R.T:16.155 Area:2739 Conc:0.19169ppm

ID#:87 Name:Phenanthrene
Mass:178.00 Type:Target
R.T:17.442 Area:4867 Conc:0.29766ppm







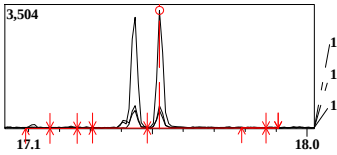


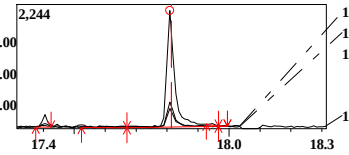
ID#:88 Name:Anthracene
Mass:178.00 Type:Target
R.T:17.524 Area:4775 Conc:0.29218ppm

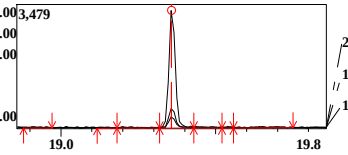
ID#:89 Name:Carbazole
Mass:167.00 Type:Target
R.T:17.809 Area:3849 Conc:0.24590ppm

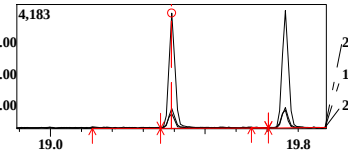
ID#:93 Name:Fluoranthene-d10
Mass:212.00 Type:Target
R.T:19.358 Area:4812 Conc:0.30308ppm

ID#:94 Name:Fluoranthene
Mass:202.00 Type:Target
R.T:19.392 Area:5686 Conc:0.31665ppm







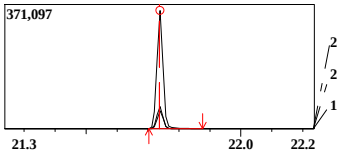


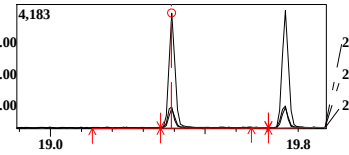
ID#:95 Name:Chrysene-d12 (IS)
Mass:240.00 Type:ISTD
R.T:21.739 Area:482062 Conc:40.00000ppm

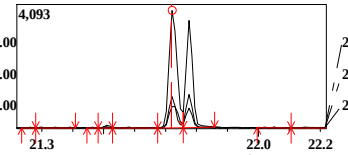
ID#:96 Name:Pyrene
Mass:202.00 Type:Target
R.T:19.392 Area:5686 Conc:0.29747ppm

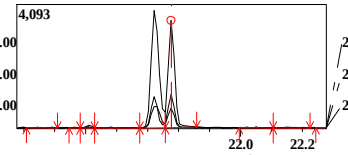
ID#:103 Name:Benzo[a]anthracene
Mass:228.00 Type:Target
R.T:21.723 Area:7052 Conc:0.36343ppm

ID#:104 Name:Chrysene
Mass:228.00 Type:Target
R.T:21.776 Area:4895 Conc:0.27680ppm







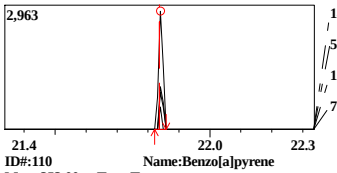


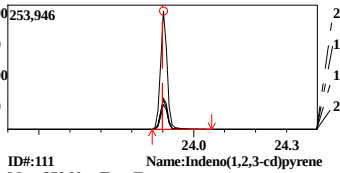
ID#:105 Name:Bis(2-Ethylhexyl) phthalate
Mass:149.00 Type:Target
R.T:21.841 Area:2806 Conc:0.22109ppm

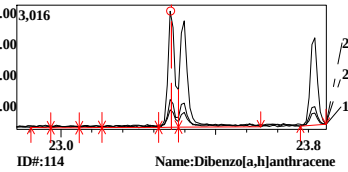
ID#:107 Name:Perylene-d12 (IS)
Mass:264.00 Type:ISTD
R.T:23.903 Area:369154 Conc:40.00000ppm

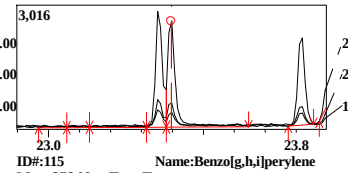
ID#:108 Name:Benzo[b]fluoranthene
Mass:252.00 Type:Target
R.T:23.355 Area:4600 Conc:0.28754ppm

ID#:109 Name:Benzo[k]fluoranthene
Mass:252.00 Type:Target
R.T:23.395 Area:4448 Conc:0.30804ppm







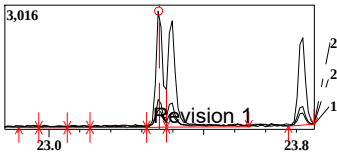


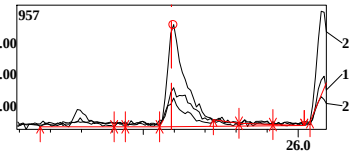
ID#:110 Name:Benzo[a]pyrene
Mass:252.00 Type:Target
R.T:23.355 Area:4600 Conc:0.37218ppm

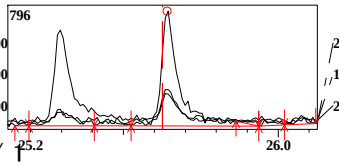
ID#:111 Name:Indeno(1,2,3-cd)pyrene
Mass:276.00 Type:Target
R.T:25.597 Area:3414 Conc:0.33696ppm

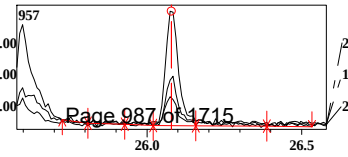
ID#:114 Name:Dibenzo[a,h]anthracene
Mass:278.00 Type:Target
R.T:25.642 Area:3024 Conc:0.27943ppm

ID#:115 Name:Benzo[g,h,i]perylene
Mass:276.00 Type:Target
R.T:26.079 Area:2587 Conc:0.24202ppm









Analyst: CMN Instrument: J7H Trace Number: SVOC-BO45-F14-Y
Method: 8270C/D/E/625.1 Batch:
Sample ID: A ICAL2 Data File: C:\GCMSsolution\Data\221130H005.qgd
Date: 11/30/2022 Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm
Time: 18:14:17 Sample Name: A ICAL2
Dilution: 1

Internal Standard

ID#	Name	Mass	Time	Area	Conc.
1	1,4-Dichlorobenzene-d4 (IS)	150.00	9.90	227188	40.00
24	Naphthalene-d8 (IS)	136.00	12.06	615682	40.00
45	Acenaphthene-d10 (IS)	164.00	14.97	297311	40.00
73	Phenanthrene-d10 (IS)	188.00	17.41	560011	40.00
95	Chrysene-d12 (IS)	240.00	21.74	482916	40.00
107	Perylene-d12 (IS)	264.00	23.90	374338	40.00

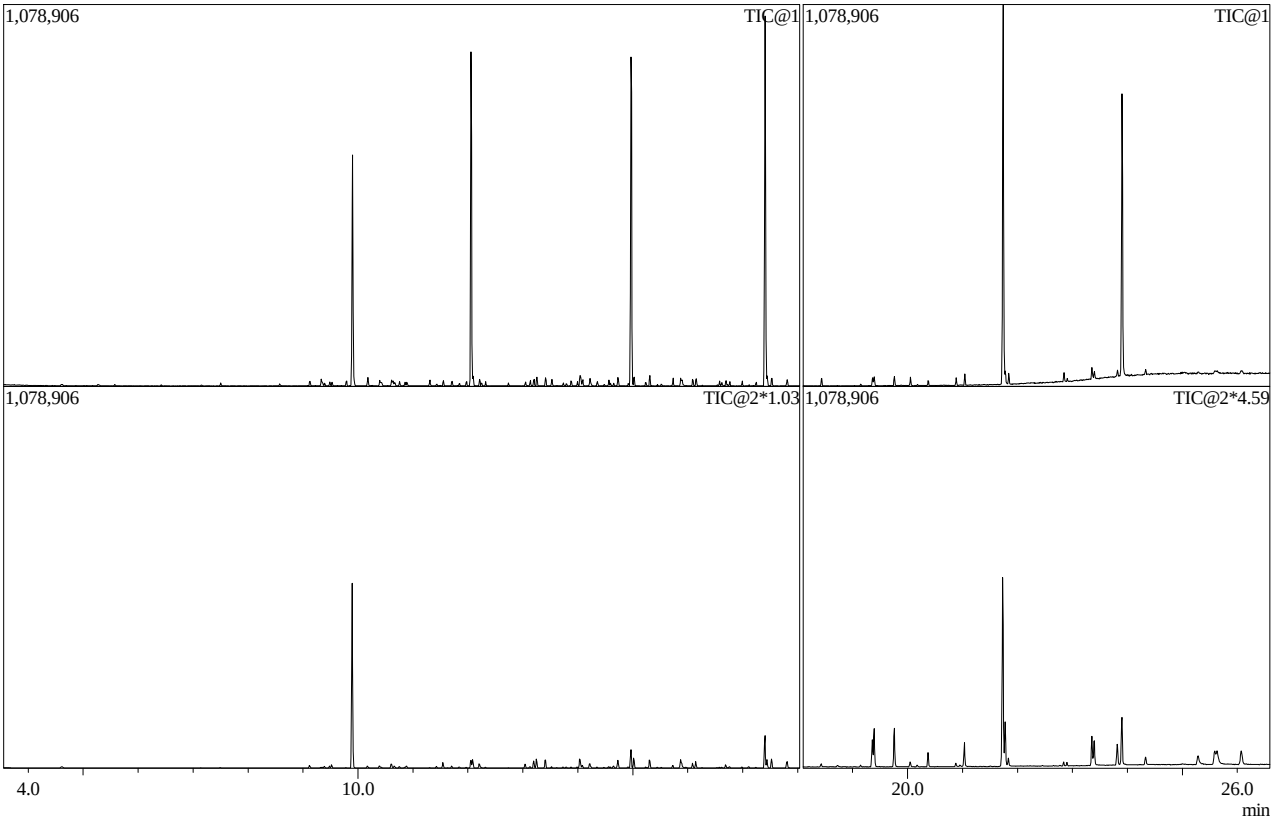
Surrogate

ID#	Name	Mass	Time	Area	Conc.
5	2-Fluorophenol	112.00	-	---	N.D.
10	Phenol-d6	99.00	-	---	N.D.
25	Nitrobenzene-d5	82.00	-	---	N.D.
50	2-Fluorobiphenyl	172.00	-	---	N.D.(Ref)
78	2,4,6-Tribromophenol	330.00	-	---	N.D.(Peak)
97	p-Terphenyl-d14	244.00	-	---	N.D.

Target

ID#	Name	Mass	Time	Area	Conc.
2	N-Nitrosodimethylamine	74.00	-	---	N.D.(Peak)
3	Pyridine	79.00	-	---	N.D.(Peak)
4	Methyl methanesulfonate	80.00	-	---	N.D.(Ref)
6	Ethyl methanesulfonate	79.00	-	---	N.D.
7	Benzaldehyde	106.00	-	---	N.D.
8	Aniline	93.00	-	---	N.D.
9	Pentachloroethane	167.00	-	---	N.D.(Peak)
11	Phenol	94.00	-	---	N.D.
12	bis(2-Chloroethyl)Ether	93.00	-	---	N.D.
13	2-Chlorophenol	128.00	-	---	N.D.
14	1,3-Dichlorobenzene	146.00	-	---	N.D.
15	1,4-Dichlorobenzene	146.00	-	---	N.D.
16	1,2-Dichlorobenzene	146.00	-	---	N.D.
17	Benzyl Alcohol	79.00	-	---	N.D.
18	bis(2-Chloroisopropyl) Ether	45.00	-	---	N.D.
19	2-Methylphenol (o-Cresol)	108.00	-	---	N.D.
20	Acetophenone	105.00	-	---	N.D.
21	N-Nitrosodi-n-propylamine	70.00	-	---	N.D.
22	3+4-Methylphenol(m&p-Cresol)	107.00	-	---	N.D.
23	Hexachloroethane	117.00	-	---	N.D.
26	Nitrobenzene	77.00	-	---	N.D.
27	Isophorone	82.00	-	---	N.D.
28	2-Nitrophenol	139.00	-	---	N.D.
29	2,4-Dimethylphenol	107.00	-	---	N.D.
30	Bis(2-Chloroethoxy)methane	93.00	-	---	N.D.
31	2,4-Dichlorophenol	162.00	-	---	N.D.(Peak)
32	Benzoic Acid	105.00	-	---	N.D.(Peak)
33	1,2,4-Trichlorobenzene	180.00	-	---	N.D.(Peak)
34	Naphthalene	128.00	12.09	20515	0.97
35	4-Chloroaniline	127.00	-	---	N.D.
36	2,6-Dichlorophenol	162.00	-	---	N.D.(Peak)
37	Hexachloropropene	213.00	-	---	N.D.(Peak)
38	Hexachlorobutadiene	225.00	-	---	N.D.
39	Caprolactam	55.00	-	---	N.D.(Peak)
40	2-Methylnaphthalene-d10	152.00	-	---	N.D.
41	4-Chloro-3-methylphenol	107.00	-	---	N.D.
42	Safrole	162.00	-	---	N.D.
43	2-Methylnaphthalene	142.00	13.25	12841	0.96
44	1-Methylnaphthalene	142.00	13.41	12457	0.98
46	Hexachlorocyclopentadiene	237.00	-	---	N.D.
47	1,2,4,5-Tetrachlorobenzene	216.00	-	---	N.D.
48	2,4,6-Trichlorophenol	196.00	-	---	N.D.
49	2,4,5-Trichlorophenol	196.00	-	---	N.D.
51	Isosafrole	162.00	-	---	N.D.
52	1,1'-Biphenyl	154.00	-	---	N.D.
53	2-Chloronaphthalene	162.00	-	---	N.D.
54	1-Chloronaphthalene	162.00	-	---	N.D.
55	2-Nitroaniline	138.00	-	---	N.D.
56	1,4-Naphthoquinone	158.00	-	---	N.D.
57	Dimethyl phthalate	163.00	-	---	N.D.(Ref)
58	1,3-Dinitrobenzene	168.00	-	---	N.D.(Peak)

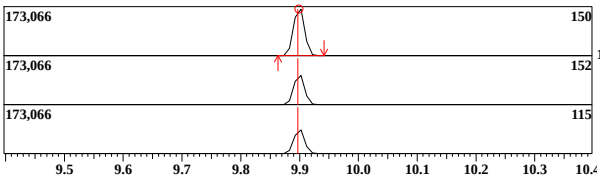
ID#	Name	Mass	Time	Area	Conc.
59	2,6-Dinitrotoluene (2,6-DNT)	165.00	-	---	N.D.
60	Acenaphthylene	152.00	14.73	17519	0.96
61	3-Nitroaniline	138.00	-	---	N.D.(Ref)
62	Acenaphthene	154.00	15.02	12032	1.00
63	2,4-Dinitrophenol	184.00	-	---	N.D.(Ref)
64	Pentachlorobenzene	250.00	-	---	N.D.
65	Dibenzofuran	168.00	15.31	15906	0.95
66	2,4-Dinitrotoluene (2,4-DNT)	165.00	-	---	N.D.(Ref)
67	4-Nitrophenol	65.00	-	---	N.D.(Ref)
68	2,3,4,6-Tetrachlorophenol	232.00	-	---	N.D.
69	Diethyl phthalate	149.00	-	---	N.D.
70	Fluorene	166.00	15.87	13031	0.99
71	4-Chlorophenyl phenyl ether	204.00	-	---	N.D.
72	4-Nitroaniline	138.00	-	---	N.D.(Ref)
74	4,6-Dinitro-2-methylphenol	198.00	-	---	N.D.
75	N-Nitrosodiphenylamine	169.00	-	---	N.D.(Ref)
76	Diphenylamine	169.00	-	---	N.D.(Ref)
77	1,2-Diphenylhydrazine	77.00	-	---	N.D.
79	(cis/trans)-Diallate	43.00	-	---	N.D.(Ref)
80	Phenacetin	108.00	-	---	N.D.
81	4-Bromophenyl phenyl ether	250.00	-	---	N.D.
82	Hexachlorobenzene	284.00	-	---	N.D.
83	Atrazine	200.00	-	---	N.D.(Ref)
84	Pentachlorophenol	266.00	-	---	N.D.(Peak)
85	Pentachloronitrobenzene	237.00	-	---	N.D.(Peak)
86	Pronamide (Kerb)	173.00	-	---	N.D.(Ref)
87	Phenanthrene	178.00	17.44	19182	0.99
88	Anthracene	178.00	17.52	18854	0.97
89	Carbazole	167.00	17.81	16638	0.96
90	Di-n-butyl phthalate	149.00	-	---	N.D.
91	4-Nitroquinoline-N-Oxide	190.00	-	---	N.D.(Peak)
92	Isodrin	193.00	-	---	N.D.(Peak)
93	Fluoranthene-d10	212.00	-	---	N.D.
94	Fluoranthene	202.00	19.39	22177	0.97
96	Pyrene	202.00	19.76	22151	0.98
98	Aramite A	185.00	-	---	N.D.(Ref)
99	Aramite B	185.00	-	---	N.D.(Ref)
100	Chlorobenzilate	251.00	-	---	N.D.(Ref)
101	Butyl benzyl phthalate	149.00	-	---	N.D.
102	Di(2-ethylhexyl) adipate	129.00	-	---	N.D.
103	Benzo[a]anthracene	228.00	21.72	22893	1.00
104	Chrysene	228.00	21.77	21448	1.05
105	Bis(2-Ethylhexyl) phthalate	149.00	-	---	N.D.
106	Di-n-octyl phthalate	149.00	-	---	N.D.
108	Benzo[b]fluoranthene	252.00	23.35	16267	0.88
109	Benzo[k]fluoranthene	252.00	23.39	17652	1.00
110	Benzo[a]pyrene	252.00	23.81	13653	0.94
111	Indeno(1,2,3-cd)pyrene	276.00	25.59	8954	0.91
112	3-Methylcholanthrene	268.00	-	---	N.D.
113	Dibenz(a,j)Acridine	279.00	-	---	N.D.(Ref)
114	Dibenzo[a,h]anthracene	278.00	25.63	11139	0.99
115	Benzo[g,h,i]perylene	276.00	26.07	10753	0.94
116	2-Picoline (2-Methylpyridine)	93.00	-	---	N.D.(Peak)
117	N-Nitrosomethylethylamine	88.00	-	---	N.D.(Peak)
118	N-Nitrosodiethylamine	102.00	-	---	N.D.(Peak)
119	n-Decane	57.00	-	---	N.D.(Ref)
120	N-Nitrosopyrrolidine	100.00	-	---	N.D.(Peak)
121	N-Nitrosomorpholine	56.00	-	---	N.D.(Peak)
122	o-Toluidine	106.00	-	---	N.D.(Peak)
123	N-Nitrosopiperidine	114.00	-	---	N.D.(Peak)
124	a,a-Dimethylphenethylamine	58.00	-	---	N.D.(Peak)
125	Alpha-Terpineol	59.00	-	---	N.D.(Peak)
126	p-Phenylenediamine	108.00	-	---	N.D.(Peak)
127	N-Nitrosodi-n-butylamine	84.00	-	---	N.D.(Peak)
128	2,3-Dichloroaniline	161.00	-	---	N.D.(Peak)
129	1-Naphthylamine	143.00	-	---	N.D.(Peak)
130	2-Naphthylamine	143.00	-	---	N.D.(Peak)
131	5-Nitro-o-Toluidine	152.00	-	---	N.D.(Peak)
132	4-Aminobiphenyl	169.00	-	---	N.D.(Peak)
133	n-Octadecane	57.00	-	---	N.D.(Peak)
134	Benzidine	184.00	-	---	N.D.(Peak)
135	4-Dimethyl aminoazobenzene	120.00	-	---	N.D.(Peak)
136	3,3'-Dimethylbenzidine	212.00	-	---	N.D.(Peak)
137	2-Acetylaminofluorene	181.00	-	---	N.D.(Peak)
138	3,3`-Dichlorobenzidine	252.00	-	---	N.D.(Peak)
139	7,12-Dimethylbenz[a]anthracene	256.00	-	---	N.D.(Ref)


1,078,906
TIC@1
1,078,906
TIC@1
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TIC@2*1.03
1,078,906
TIC@2*4.59
4.0
10.0
20.0
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min

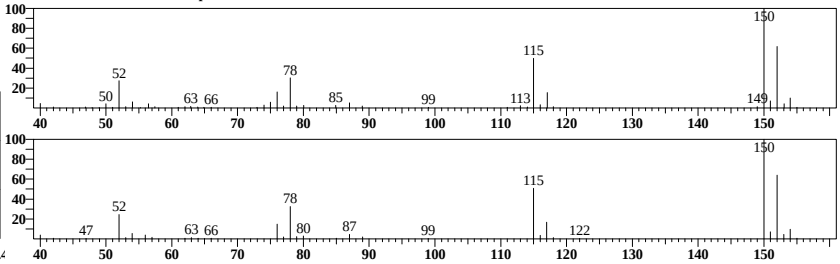
ID#:1 Name:1,4-Dichlorobenzene-d4 (IS) Type:ISTD No Manual Integration

Mass:150.00 R.T:9.899 Area:227188 Conc:40.00000ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	152.00	72643	61.89	65.66
2	115.00	58451	49.80	48.88



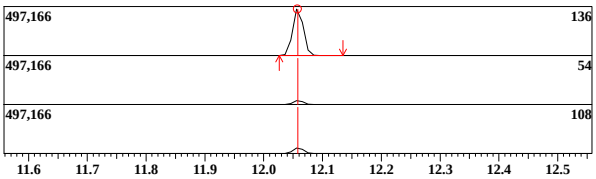
ID#:1 R.Time:9.902(Scan#:1293)
MassPeaks:45
RawMode:Averaged 9.893-9.912(1291-1295)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



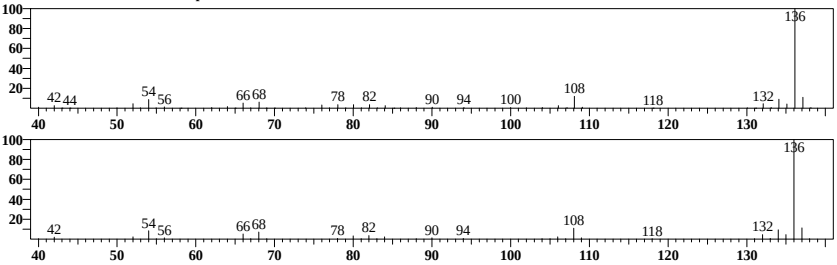
ID#:24 Name:Naphthalene-d8 (IS) Type:ISTD No Manual Integration

Mass:136.00 R.T:12.058 Area:615682 Conc:40.00000ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	54.00	28372	8.79	11.97
2	108.00	38536	11.94	12.20



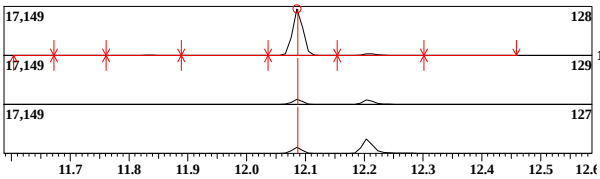
ID#:24 R.Time:12.056(Scan#:1731)
MassPeaks:51
RawMode:Averaged 12.046-12.066(1729-1733)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



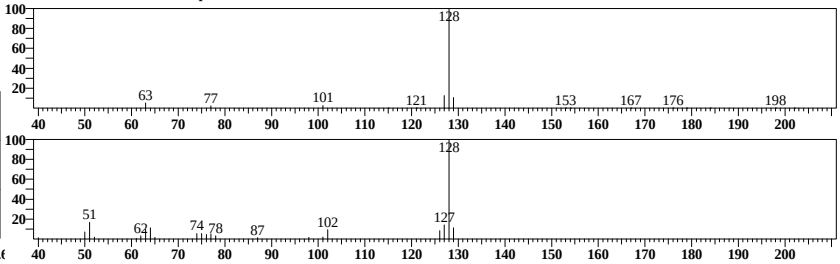
ID#:34 Name:Naphthalene Type:Target No Manual Integration

Mass:128.00 R.T:12.086 Area:20515 Conc:0.97365ppm
Event:2:SIM SI:49

#	m/z	Area	Ratio	Reference
1	129.00	1155	10.74	10.48
2	127.00	1362	12.67	13.97



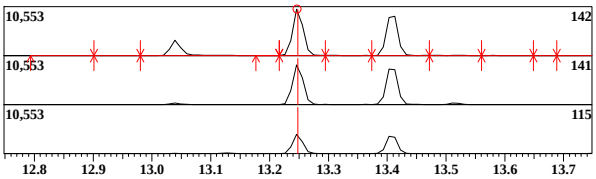
ID#:34 R.Time:12.085(Scan#:1738)
MassPeaks:16
RawMode:Averaged 12.076-12.095(1736-1740)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



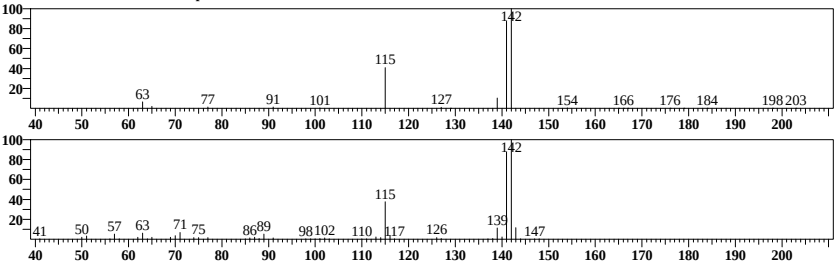
ID#:43 Name:2-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.247 Area:12841 Conc:0.95637ppm
Event:2:SIM SI:88

#	m/z	Area	Ratio	Reference
1	141.00	5775	87.49	68.04
2	115.00	2686	40.69	50.52



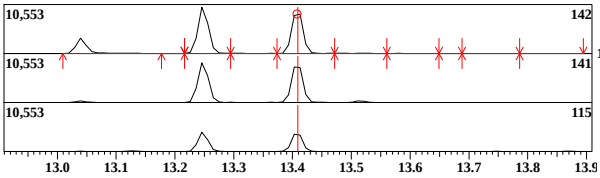
ID#:43 R.Time:13.246(Scan#:1974)
MassPeaks:20
RawMode:Averaged 13.236-13.256(1972-1976)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



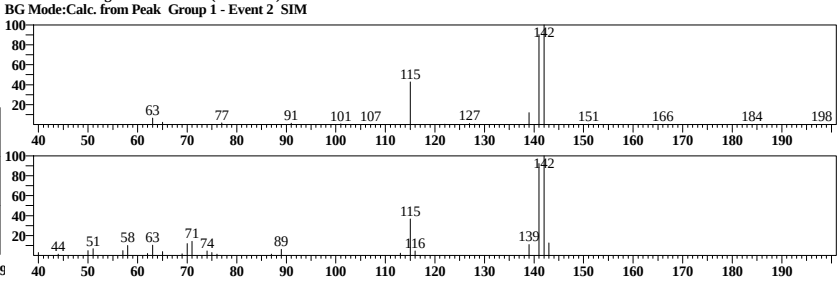
ID#:44 Name:1-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.408 Area:12457 Conc:0.97811ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	141.00	5601	90.34	72.83
2	115.00	2658	42.87	32.61



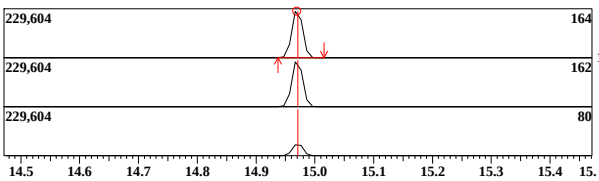
ID#:44 R.Time:13.413(Scan#:2008)
MassPeaks:23
RawMode:Averaged 13.403-13.423(2006-2010)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



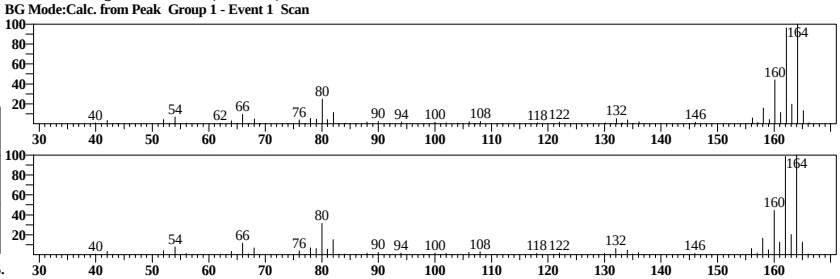
ID#:45 Name:Acenaphthene-d10 (IS) Type:ISTD No Manual Integration

Mass:164.00 R.T:14.969 Area:297311 Conc:40.00000ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	162.00	148375	96.26	95.44
2	80.00	38378	24.90	29.92



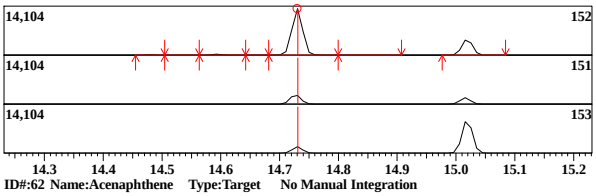
ID#:45 R.Time:14.967(Scan#:2323)
MassPeaks:61
RawMode:Averaged 14.957-14.976(2321-2325)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



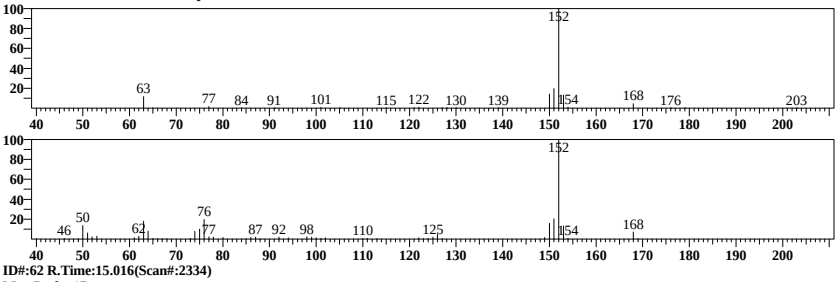
ID#:60 Name:Acenaphthylene Type:Target No Manual Integration

Mass:152.00 R.T:14.730 Area:17519 Conc:0.96355ppm
Event:2:SIM SI:88

#	m/z	Area	Ratio	Reference
1	151.00	1801	19.73	14.97
2	153.00	1194	13.08	5.44



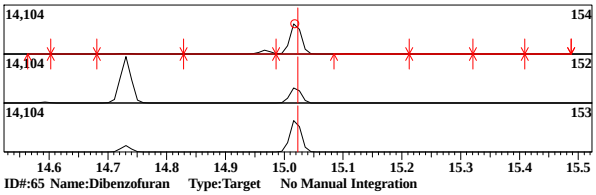
ID#:60 R.Time:14.731(Scan#:2276)
MassPeaks:23
RawMode:Averaged 14.721-14.740(2274-2278)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



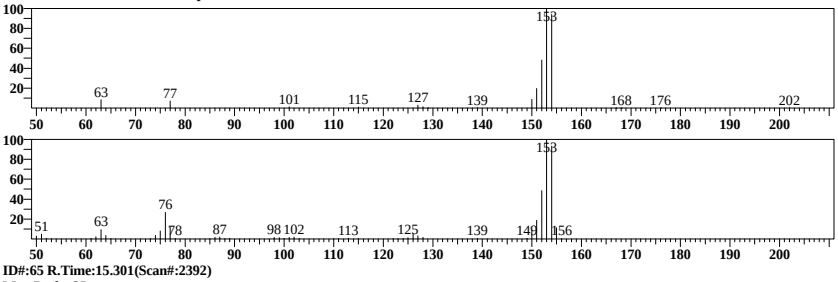
ID#:62 Name:Acenaphthene Type:Target No Manual Integration

Mass:154.00 R.T:15.018 Area:12032 Conc:0.99725ppm
Event:2:SIM SI:85

#	m/z	Area	Ratio	Reference
1	152.00	3066	51.30	59.49
2	153.00	6357	106.36	105.06



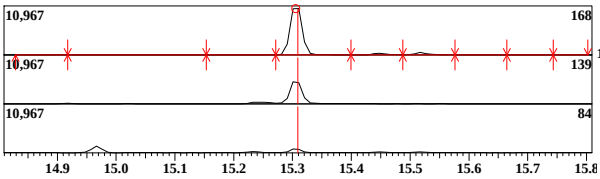
ID#:62 R.Time:15.016(Scan#:2334)
MassPeaks:17
RawMode:Averaged 15.006-15.025(2332-2336)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



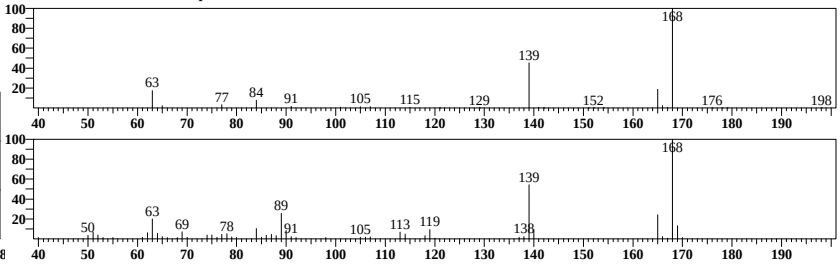
ID#:65 Name:Dibenzofuran Type:Target No Manual Integration

Mass:168.00 R.T:15.306 Area:15906 Conc:0.95096ppm
Event:2:SIM SI:81

#	m/z	Area	Ratio	Reference
1	139.00	3502	45.36	44.93
2	84.00	596	7.72	10.15



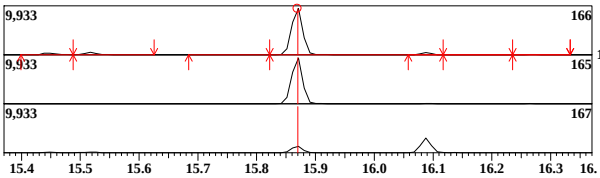
ID#:65 R.Time:15.301(Scan#:2392)
MassPeaks:25
RawMode:Averaged 15.291-15.311(2390-2394)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



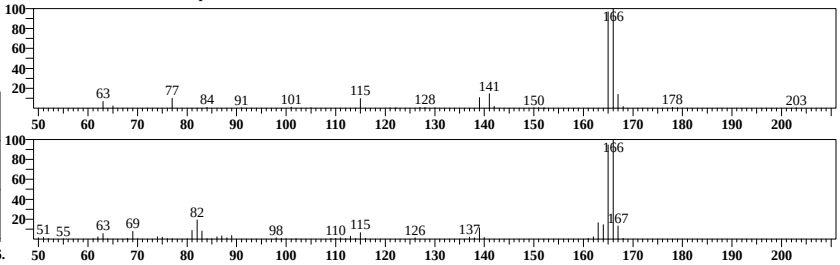
ID#:70 Name:Fluorene Type:Target No Manual Integration

Mass:166.00 R.T:15.869 Area:13031 Conc:0.99324ppm
Event:2:SIM SI:85

#	m/z	Area	Ratio	Reference
1	165.00	6293	96.67	75.42
2	167.00	897	13.78	3.39



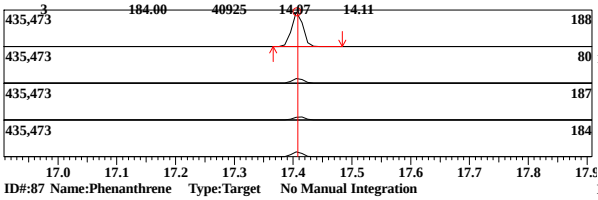
ID#:70 R.Time:15.871(Scan#:2508)
MassPeaks:26
RawMode:Averaged 15.861-15.881(2506-2510)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



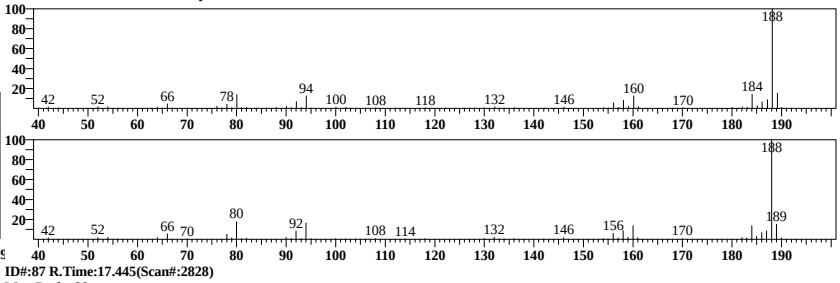
ID#:73 Name:Phenanthrene-d10 (IS) Type:ISTD No Manual Integration

Mass:188.00 R.T:17.407 Area:560011 Conc:40.00000ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	80.00	40012	13.76	15.93
2	187.00	25118	8.64	10.00
3	184.00	40925	14.07	14.11



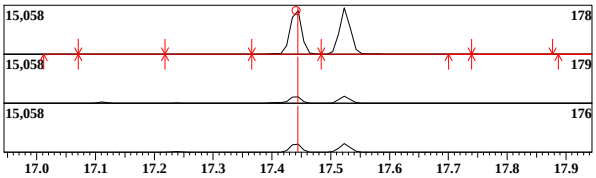
ID#:73 R.Time:17.405(Scan#:2819)
MassPeaks:74
RawMode:Averaged 17.395-17.415(2817-2821)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



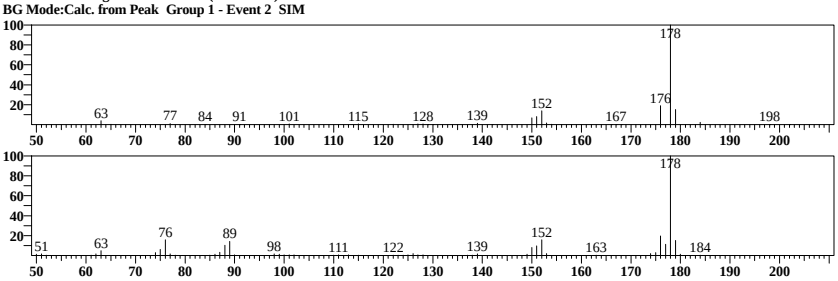
ID#:87 Name:Phenanthrene Type:Target No Manual Integration

Mass:178.00 R.T:17.441 Area:19182 Conc:0.99254ppm
Event:2:SIM SI:81

#	m/z	Area	Ratio	Reference
1	179.00	1432	15.05	15.63
2	176.00	1814	19.06	18.75



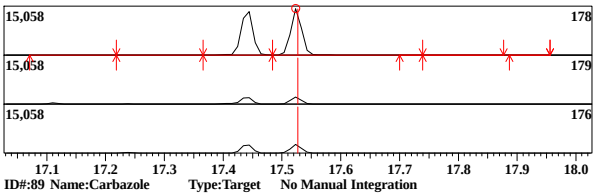
ID#:87 R.Time:17.445(Scan#:2828)
MassPeaks:28
RawMode:Averaged 17.435-17.454(2826-2830)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



ID#:88 Name:Anthracene Type:Target No Manual Integration

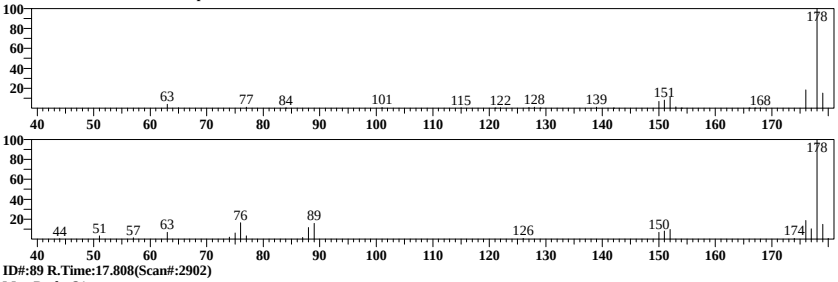
Mass:178.00 R.T:17.524 Area:18854 Conc:0.97183ppm
Event:2:SIM SI:90

#	m/z	Area	Ratio	Reference
1	179.00	1466	15.27	12.08
2	176.00	1766	18.40	20.60



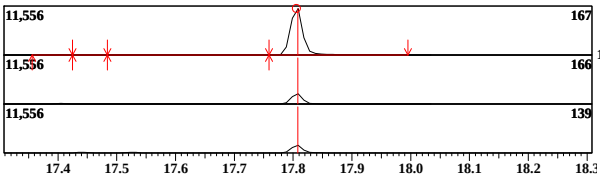
ID#:89 Name:Carbazole Type:Target No Manual Integration

ID#:88 R.Time:17.523(Scan#:2844)
MassPeaks:24
RawMode:Averaged 17.513-17.533(2842-2846)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



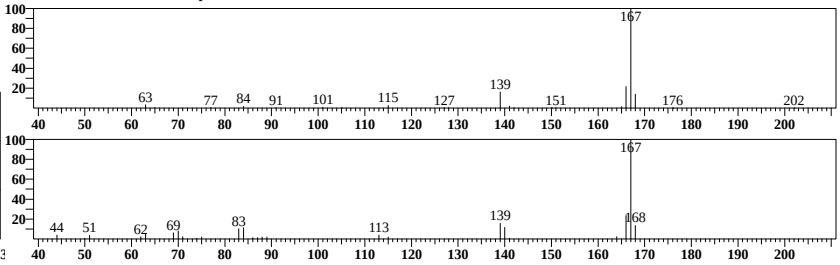
Mass:167.00 R.T:17.806 Area:16638 Conc:0.96358ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	166.00	1700	21.50	20.96
2	139.00	1272	16.09	12.92



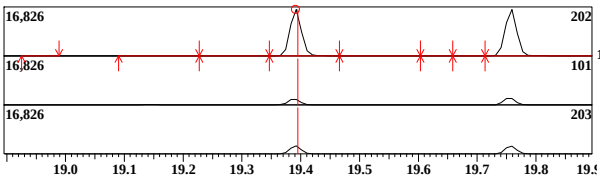
ID#:94 Name:Fluoranthene Type:Target No Manual Integration

ID#:89 R.Time:17.808(Scan#:2902)
MassPeaks:21
RawMode:Averaged 17.799-17.818(2900-2904)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



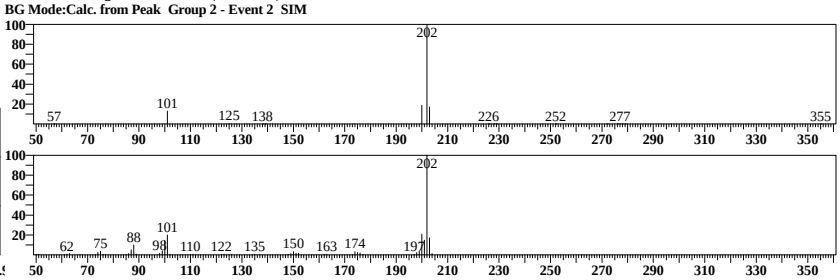
Mass:202.00 R.T:19.391 Area:22177 Conc:0.96997ppm
Event:2:SIM SI:86

#	m/z	Area	Ratio	Reference
1	101.00	1518	12.93	14.12
2	203.00	2007	17.09	6.47



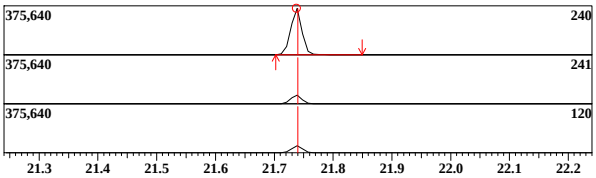
ID#:95 Name:Chrysene-d12 (IS) Type:ISTD No Manual Integration

ID#:94 R.Time:19.392(Scan#:3232)
MassPeaks:18
RawMode:Averaged 19.383-19.402(3230-3234)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM

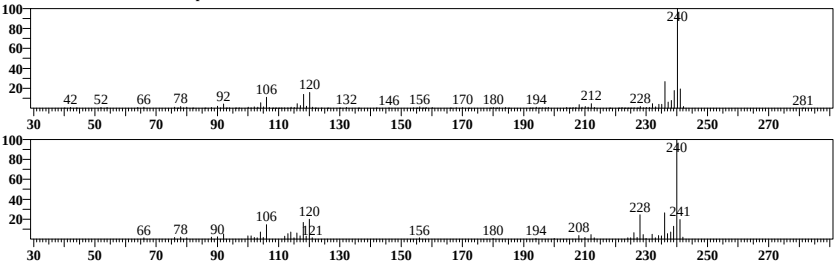


Mass:240.00 R.T:21.738 Area:482916 Conc:40.00000ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	241.00	48695	19.21	19.13
2	120.00	39817	15.71	14.79



ID#:95 R.Time:21.739(Scan#:3743)
MassPeaks:109
RawMode:Averaged 21.730-21.748(3741-3745)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan

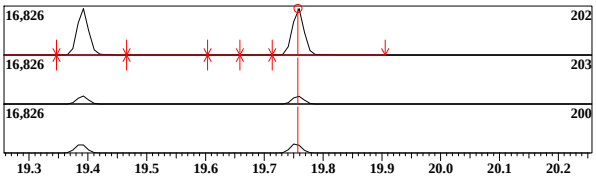


ID#:96 Name:Pyrene Type:Target No Manual Integration

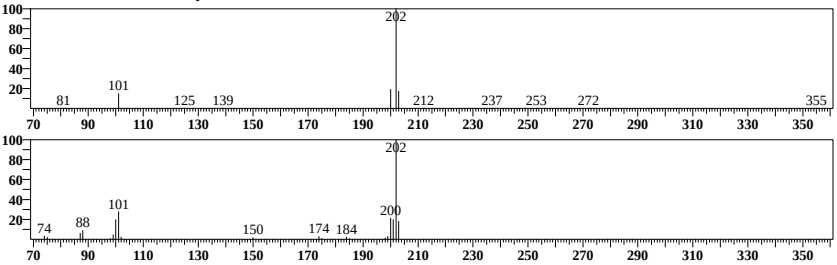
ID#:96 R.Time:19.759(Scan#:3312)
MassPeaks:15
RawMode:Averaged 19.750-19.768(3310-3314)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM

Mass:202.00 R.T:19.758 Area:22151 Conc:0.97657ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	203.00	2008	17.13	18.13
2	200.00	2217	18.91	4.68



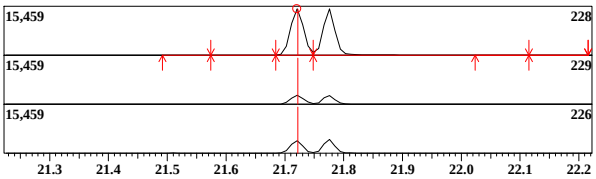
ID#:103 Name:Benzo[a]anthracene Type:Target No Manual Integration

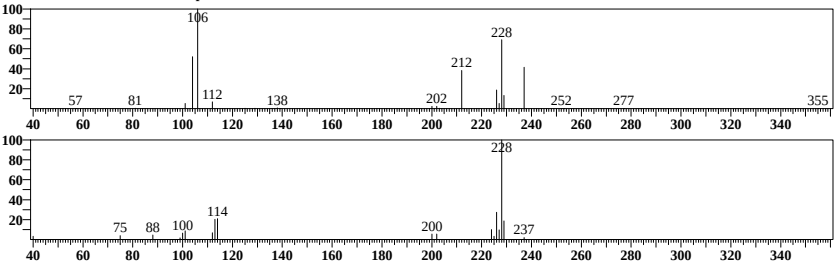


ID#:103 R.Time:21.721(Scan#:3740)
MassPeaks:23
RawMode:Averaged 21.712-21.730(3738-3742)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM

Mass:228.00 R.T:21.721 Area:22893 Conc:1.00377ppm
Event:2:SIM SI:58

#	m/z	Area	Ratio	Reference
1	229.00	2076	18.95	27.13
2	226.00	2949	26.92	24.70

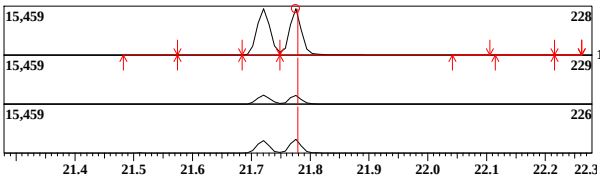




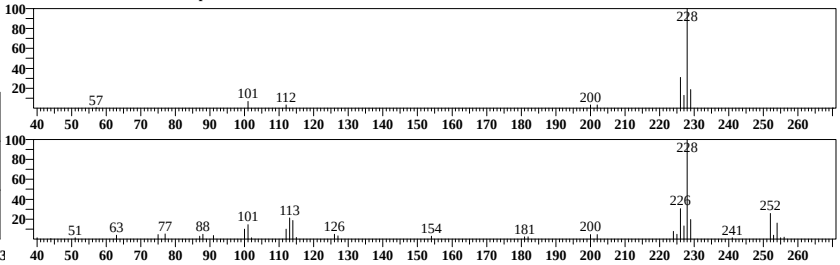
ID#:104 Name:Chrysene Type:Target No Manual Integration

Mass:228.00 R.T:21.775 Area:21448 Conc:1.05103ppm
Event:2:SIM SI:73

#	m/z	Area	Ratio	Reference
1	229.00	1840	18.77	27.13
2	226.00	3036	30.97	24.70



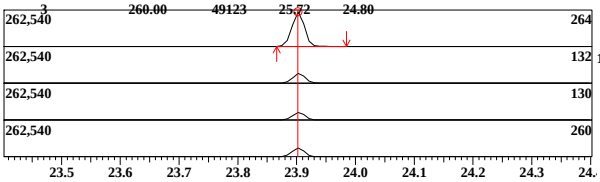
ID#:104 R.Time:21.776(Scan#:3752)
MassPeaks:10
RawMode:Averaged 21.767-21.785(3750-3754)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



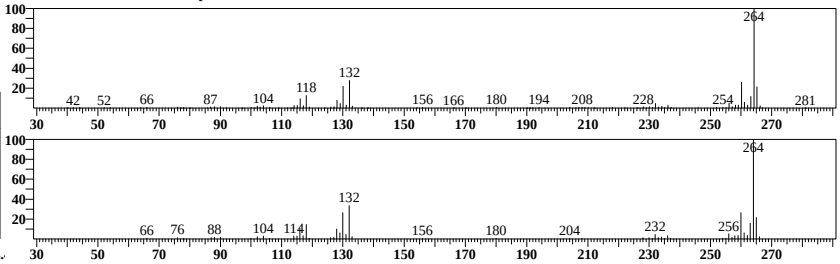
ID#:107 Name:Perylene-d12 (IS) Type:ISTD No Manual Integration

Mass:264.00 R.T:23.903 Area:374338 Conc:40.00000ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	132.00	53109	27.80	20.63
2	130.00	42018	22.00	16.36
3	260.00	49123	25.72	24.80



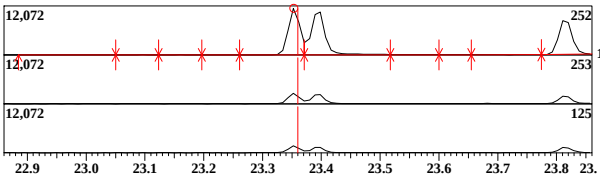
ID#:107 R.Time:23.903(Scan#:4215)
MassPeaks:89
RawMode:Averaged 23.893-23.912(4213-4217)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



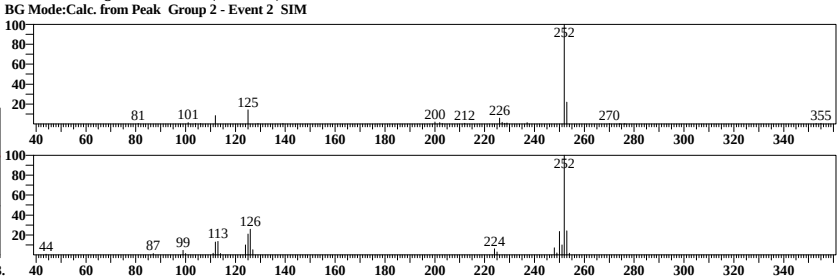
ID#:108 Name:Benzo[b]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.354 Area:16267 Conc:0.87762ppm
Event:2:SIM SI:74

#	m/z	Area	Ratio	Reference
1	253.00	1315	21.92	24.52
2	125.00	847	14.12	21.64



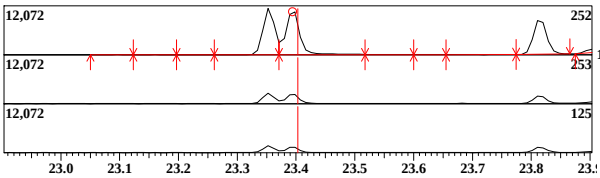
ID#:108 R.Time:23.353(Scan#:4096)
MassPeaks:24
RawMode:Averaged 23.343-23.362(4094-4098)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



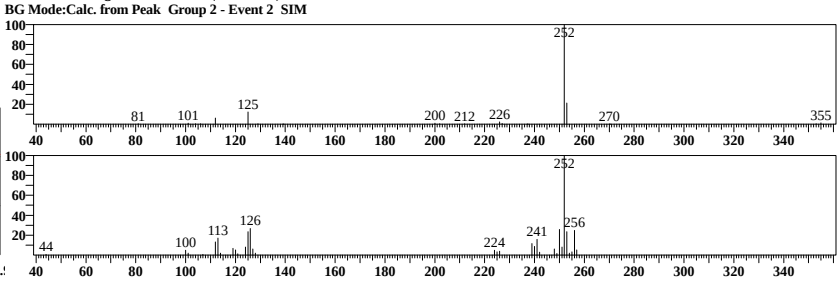
ID#:109 Name:Benzo[k]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.394 Area:17652 Conc:0.99932ppm
Event:2:SIM SI:73

#	m/z	Area	Ratio	Reference
1	253.00	1247	21.29	24.52
2	125.00	708	12.09	21.64



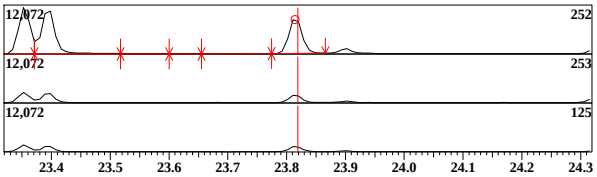
ID#:109 R.Time:23.398(Scan#:4106)
MassPeaks:19
RawMode:Averaged 23.389-23.407(4104-4108)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



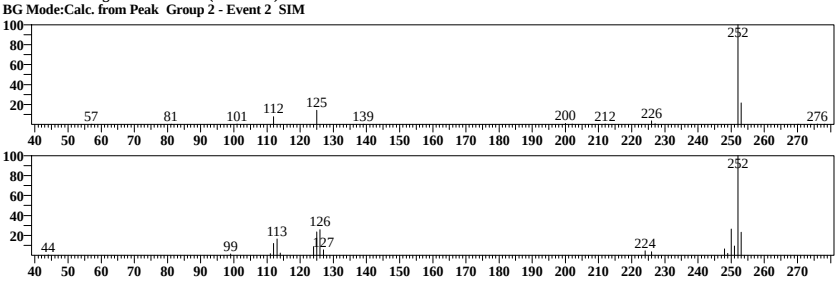
ID#:110 Name:Benzo[a]pyrene Type:Target No Manual Integration

Mass:252.00 R.T:23.814 Area:13653 Conc:0.94228ppm
Event:2:SIM SI:88

#	m/z	Area	Ratio	Reference
1	253.00	1415	21.40	24.52
2	125.00	939	14.20	21.64



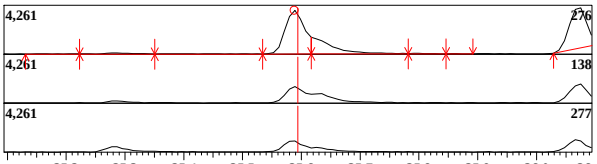
ID#:110 R.Time:23.811(Scan#:4196)
MassPeaks:17
RawMode:Averaged 23.802-23.820(4194-4198)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



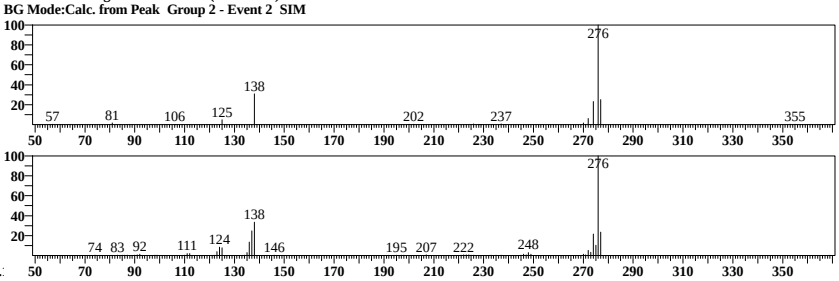
ID#:111 Name:Indeno(1,2,3-cd)pyrene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/1/2022

Mass:276.00 R.T:25.588 Area:8954 Conc:0.91182ppm
Event:2:SIM SI:72

#	m/z	Area	Ratio	Reference
1	138.00	744	30.88	6.67
2	277.00	607	25.20	14.17



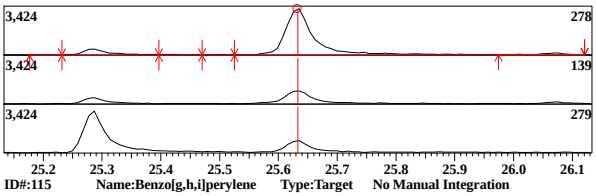
ID#:111 R.Time:25.589(Scan#:4584)
MassPeaks:18
RawMode:Averaged 25.580-25.598(4582-4586)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



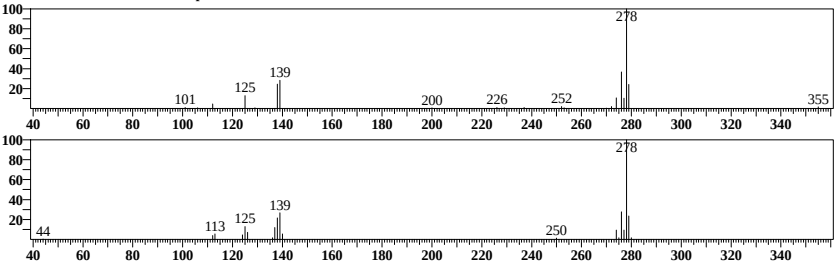
ID#:114 Name:Dibenzo[a,h]anthracene Type:Target No Manual Integration

Mass:278.00 R.T:25.632 Area:11139 Conc:0.98802ppm
Event:2:SIM SI:77

#	m/z	Area	Ratio	Reference
1	139.00	820	28.17	7.75
2	279.00	703	24.15	25.58



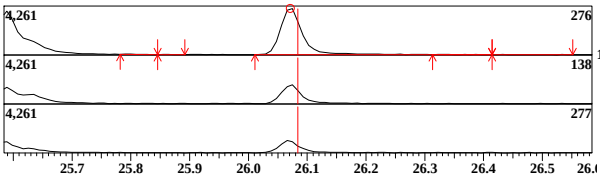
ID#:114 R.Time:25.635(Scan#:4594)
MassPeaks:22
RawMode:Averaged 25.626-25.644(4592-4596)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



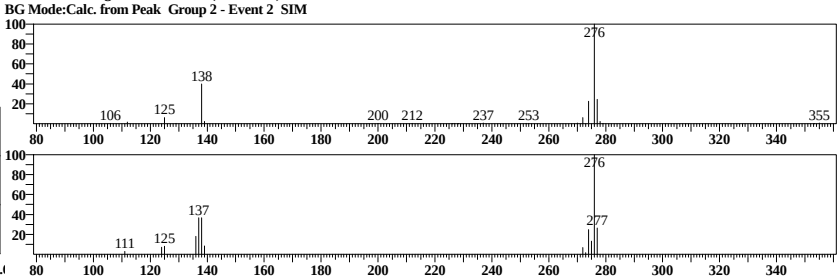
ID#:115 Name:Benzo[g,h,i]perylene Type:Target No Manual Integration

Mass:276.00 R.T:26.071 Area:10753 Conc:0.94037ppm
Event:2:SIM SI:83

#	m/z	Area	Ratio	Reference
1	138.00	1432	39.97	25.00
2	277.00	873	24.36	21.09



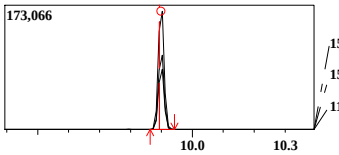
ID#:115 R.Time:26.075(Scan#:4690)
MassPeaks:24
RawMode:Averaged 26.066-26.084(4688-4692)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



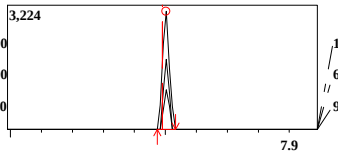
Before Manual Integrations

Analyst: CMN **Instr: J7H** **Trace Number: SVOC-BO45-F14-Y**
Method: 8270C/D/E/625.1 **Batch:**
Sample ID: A ICAL2 **Data File: C:\GCMSsolution\Data\221130H005.qgd**
Date: 11/30/2022 **Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm**
Time: 18:14:17 **Sample Name: A ICAL2**
Dilution: 1

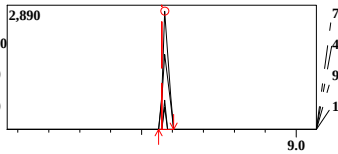
ID#:1 **Name:1,4-Dichlorobenzene-d4 (IS)**
Mass:150.00 **Type:ISTD**
R.T:9.899 **Area:227188** **Conc:40.00000ppm**



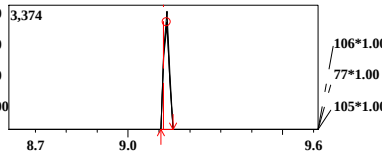
ID#:5 **Name:2-Fluorophenol**
Mass:112.00 **Type:Surrogate/SMC**
R.T:7.501 **Area:4795** **Conc:0.73743ppm**



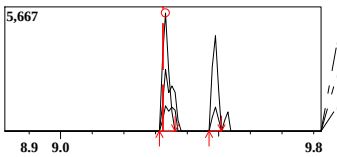
ID#:6 **Name:Ethyl methanesulfonate**
Mass:79.00 **Type:Target**
R.T:8.576 **Area:3596** **Conc:0.86227ppm**



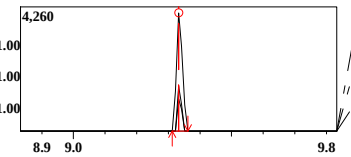
ID#:7 **Name:Benzaldehyde**
Mass:106.00 **Type:Target**
R.T:9.123 **Area:3758** **Conc:0.69102ppm**



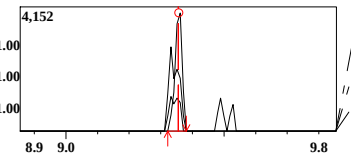
ID#:8 **Name:Aniline**
Mass:93.00 **Type:Target**
R.T:9.331 **Area:7338** **Conc:0.80110ppm**



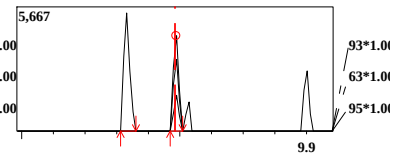
ID#:10 **Name:Phenol-d6**
Mass:99.00 **Type:Surrogate/SMC**
R.T:9.334 **Area:5459** **Conc:0.71202ppm**



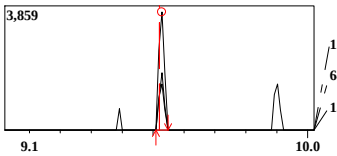
ID#:11 **Name:Phenol**
Mass:94.00 **Type:Target**
R.T:9.358 **Area:6322** **Conc:0.76504ppm**



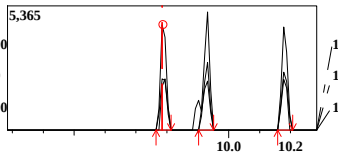
ID#:12 **Name:bis(2-Chloroethyl)Ether**
Mass:93.00 **Type:Target**
R.T:9.488 **Area:5412** **Conc:0.87404ppm**



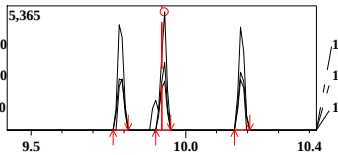
ID#:13 **Name:2-Chlorophenol**
Mass:128.00 **Type:Target**
R.T:9.527 **Area:4676** **Conc:0.75641ppm**



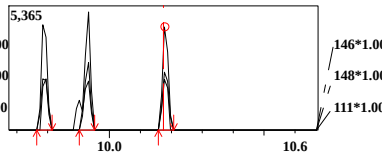
ID#:14 **Name:1,3-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.788 **Area:6182** **Conc:1.07960ppm**



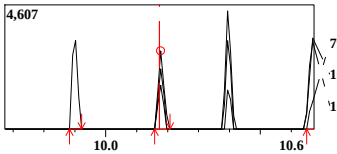
ID#:15 **Name:1,4-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.930 **Area:6471** **Conc:1.09684ppm**



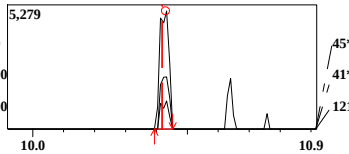
ID#:16 **Name:1,2-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:10.180 **Area:5884** **Conc:1.05435ppm**



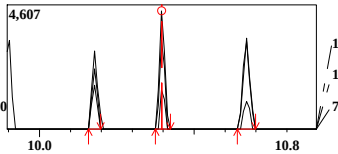
ID#:17 **Name:Benzyl Alcohol**
Mass:79.00 **Type:Target**
R.T:10.178 **Area:3794** **Conc:0.76703ppm**



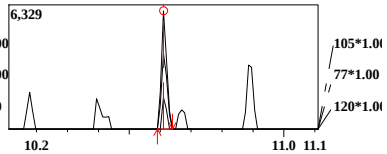
ID#:18 **Name:bis(2-Chloroisopropyl) Ether**
Mass:45.00 **Type:Target**
R.T:10.430 **Area:10623** **Conc:0.87777ppm**



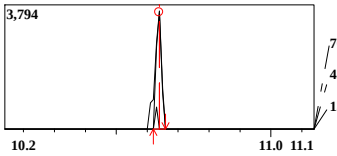
ID#:19 **Name:2-Methylphenol (o-Cresol)**
Mass:108.00 **Type:Target**
R.T:10.396 **Area:5462** **Conc:0.87645ppm**



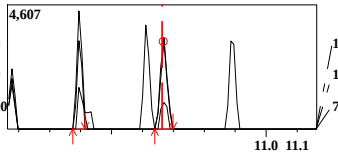
ID#:20 **Name:Acetophenone**
Mass:105.00 **Type:Target**
R.T:10.612 **Area:7370** **Conc:0.78561ppm**



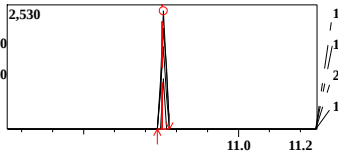
ID#:21 **Name:N-Nitrosodi-n-propylamine**
Mass:70.00 **Type:Target**
R.T:10.638 **Area:4254** **Conc:1.03514ppm**



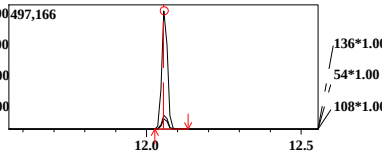
ID#:22 **Name:3+4-Methylphenol(m&p-Cresol)**
Mass:107.00 **Type:Target**
R.T:10.668 **Area:5106** **Conc:0.74740ppm**



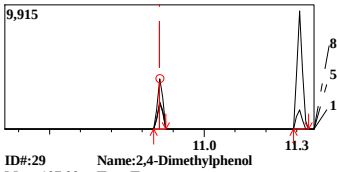
ID#:23 **Name:Hexachloroethane**
Mass:117.00 **Type:Target**
R.T:10.758 **Area:2679** **Conc:1.01200ppm**



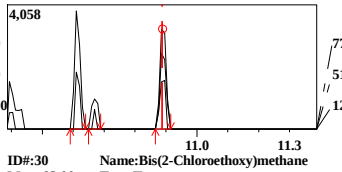
ID#:24 **Name:Naphthalene-d8 (IS)**
Mass:136.00 **Type:ISTD**
R.T:12.058 **Area:615682** **Conc:40.00000ppm**



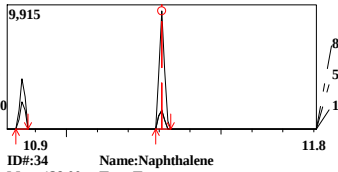
ID#:25 **Name:Nitrobenzene-d5**
Mass:82.00 **Type:Surrogate/SMC**
R.T:10.857 **Area:4796** **Conc:0.83575ppm**



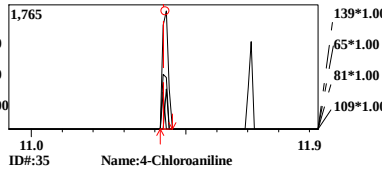
ID#:26 **Name:Nitrobenzene**
Mass:77.00 **Type:Target**
R.T:10.890 **Area:4867** **Conc:0.91303ppm**



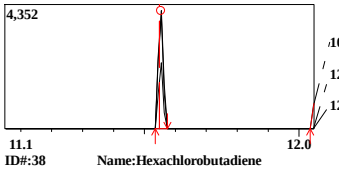
ID#:27 **Name:Isophorone**
Mass:82.00 **Type:Target**
R.T:11.309 **Area:11215** **Conc:1.02194ppm**



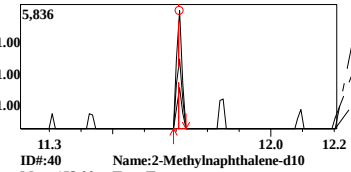
ID#:28 **Name:2-Nitrophenol**
Mass:139.00 **Type:Target**
R.T:11.433 **Area:2200** **Conc:0.87507ppm**



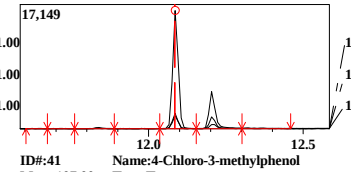
ID#:29 **Name:2,4-Dimethylphenol**
Mass:107.00 **Type:Target**
R.T:11.553 **Area:4874** **Conc:0.75078ppm**



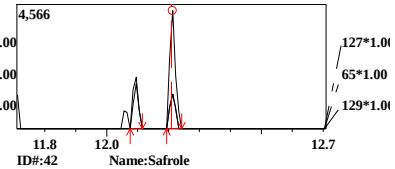
ID#:30 **Name:Bis(2-Chloroethoxy)methane**
Mass:93.00 **Type:Target**
R.T:11.711 **Area:6440** **Conc:0.89047ppm**



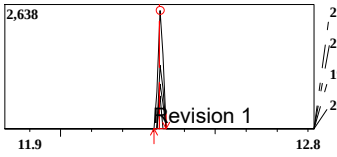
ID#:34 **Name:Naphthalene**
Mass:128.00 **Type:Target**
R.T:12.086 **Area:20515** **Conc:1.09349ppm**



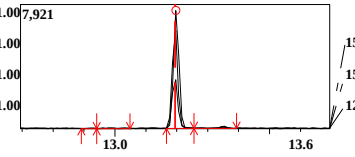
ID#:35 **Name:4-Chloroaniline**
Mass:127.00 **Type:Target**
R.T:12.212 **Area:5610** **Conc:0.72351ppm**



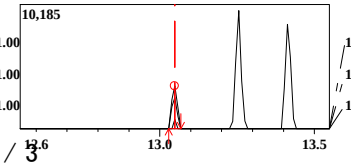
ID#:38 **Name:Hexachlorobutadiene**
Mass:225.00 **Type:Target**
R.T:12.323 **Area:2880** **Conc:1.37848ppm**



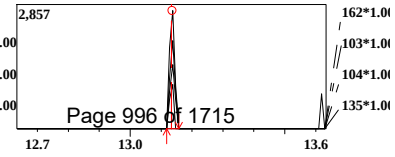
ID#:40 **Name:2-Methylnaphthalene-d10**
Mass:152.00 **Type:Target**
R.T:13.198 **Area:9536** **Conc:1.05825ppm**



ID#:41 **Name:4-Chloro-3-methylphenol**
Mass:107.00 **Type:Target**
R.T:13.048 **Area:4511** **Conc:0.74846ppm**

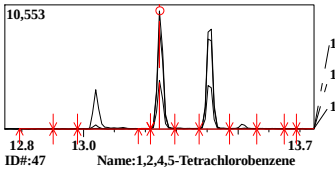


ID#:42 **Name:Safrole**
Mass:162.00 **Type:Target**
R.T:13.136 **Area:3298** **Conc:0.96054ppm**



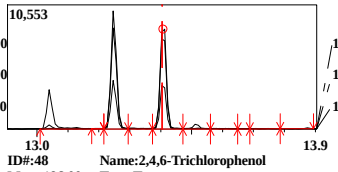
ID#:43 Name:2-Methylnaphthalene
Mass:142.00 Type:Target

R.T:13.247 Area:12841 Conc:1.13641ppm



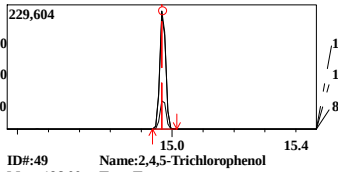
ID#:44 Name:1-Methylnaphthalene
Mass:142.00 Type:Target

R.T:13.408 Area:12457 Conc:1.16301ppm



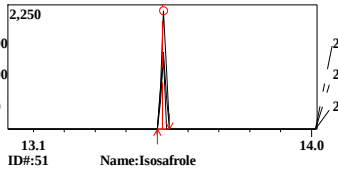
ID#:45 Name:Acenaphthene-d10 (IS)
Mass:164.00 Type:ISTD

R.T:14.969 Area:297311 Conc:40.00000ppm



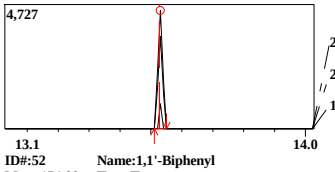
ID#:46 Name:Hexachlorocyclopentadiene
Mass:237.00 Type:Target

R.T:13.521 Area:2339 Conc:0.79177ppm



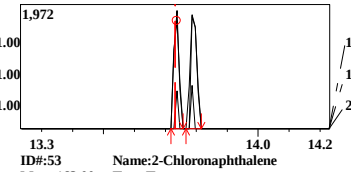
ID#:47 Name:1,2,4,5-Tetrachlorobenzene
Mass:216.00 Type:Target

R.T:13.530 Area:5025 Conc:1.08413ppm



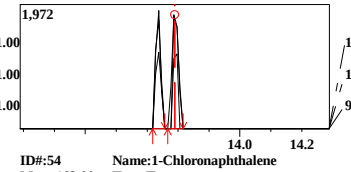
ID#:48 Name:2,4,6-Trichlorophenol
Mass:196.00 Type:Target

R.T:13.735 Area:2191 Conc:0.83789ppm



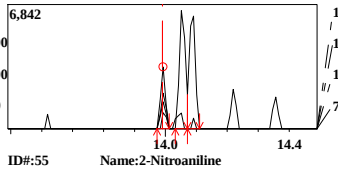
ID#:49 Name:2,4,5-Trichlorophenol
Mass:196.00 Type:Target

R.T:13.790 Area:2772 Conc:1.02124ppm



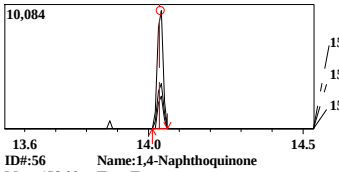
ID#:51 Name:Isosafrole
Mass:162.00 Type:Target

R.T:13.992 Area:3710 Conc:0.87336ppm



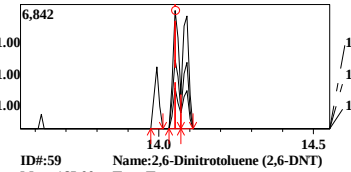
ID#:52 Name:1,1'-Biphenyl
Mass:154.00 Type:Target

R.T:14.039 Area:12652 Conc:0.91186ppm



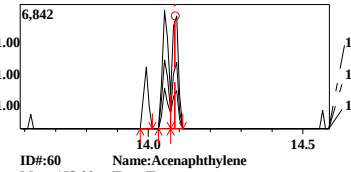
ID#:53 Name:2-Chloronaphthalene
Mass:162.00 Type:Target

R.T:14.054 Area:9330 Conc:0.93226ppm



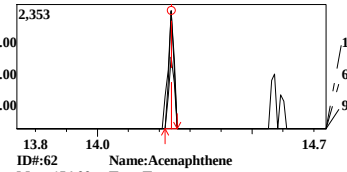
ID#:54 Name:1-Chloronaphthalene
Mass:162.00 Type:Target

R.T:14.087 Area:8122 Conc:0.98308ppm



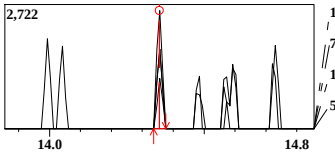
ID#:55 Name:2-Nitroaniline
Mass:138.00 Type:Target

R.T:14.239 Area:2513 Conc:0.63676ppm



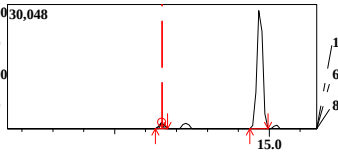
ID#:56 Name:1,4-Naphthoquinone
Mass:158.00 Type:Target

R.T:14.355 Area:3248 Conc:0.78544ppm



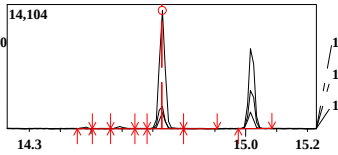
ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT)
Mass:165.00 Type:Target

R.T:14.652 Area:1763 Conc:0.85456ppm



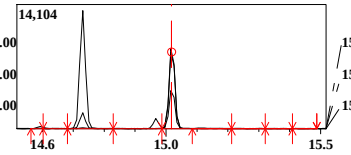
ID#:60 Name:Acenaphthylene
Mass:152.00 Type:Target

R.T:14.730 Area:17519 Conc:1.00446ppm



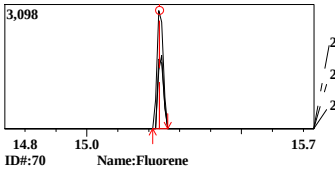
ID#:62 Name:Acenaphthene
Mass:154.00 Type:Target

R.T:15.018 Area:12032 Conc:1.11204ppm



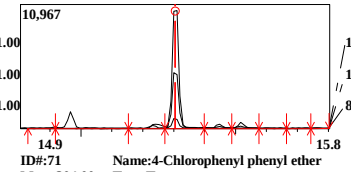
ID#:64 Name:Pentachlorobenzene
Mass:250.00 Type:Target

R.T:15.236 Area:4213 Conc:1.14645ppm



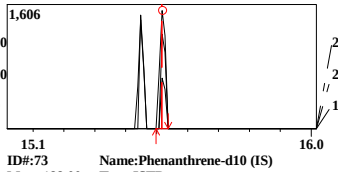
ID#:65 Name:Dibenzofuran
Mass:168.00 Type:Target

R.T:15.306 Area:15906 Conc:1.13982ppm



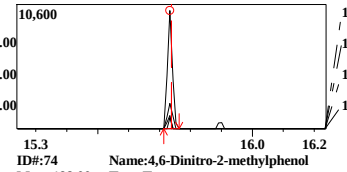
ID#:68 Name:2,3,4,6-Tetrachlorophenol
Mass:232.00 Type:Target

R.T:15.519 Area:2015 Conc:0.84111ppm



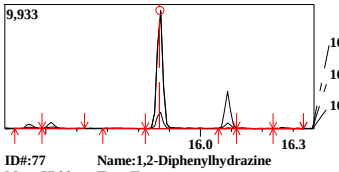
ID#:69 Name:Diethyl phthalate
Mass:149.00 Type:Target

R.T:15.733 Area:11376 Conc:0.96643ppm



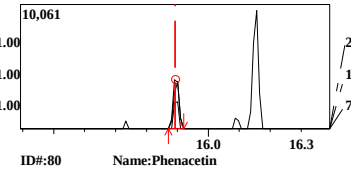
ID#:70 Name:Fluorene
Mass:166.00 Type:Target

R.T:15.869 Area:13031 Conc:1.17593ppm



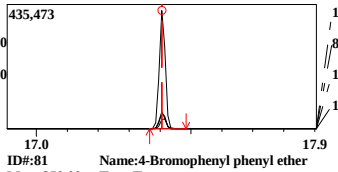
ID#:71 Name:4-Chlorophenyl phenyl ether
Mass:204.00 Type:Target

R.T:15.895 Area:5562 Conc:1.13635ppm



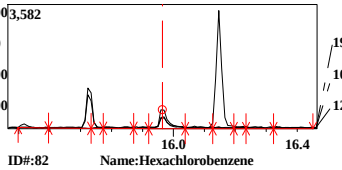
ID#:73 Name:Phenanthrene-d10 (IS)
Mass:188.00 Type:ISTD

R.T:17.407 Area:560011 Conc:40.00000ppm



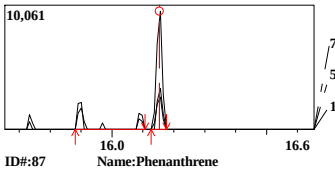
ID#:74 Name:4,6-Dinitro-2-methylphenol
Mass:198.00 Type:Target

R.T:15.964 Area:1114 Conc:4.18441ppm



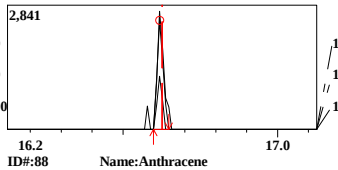
ID#:77 Name:1,2-Diphenylhydrazine
Mass:77.00 Type:Target

R.T:16.154 Area:12271 Conc:0.82156ppm



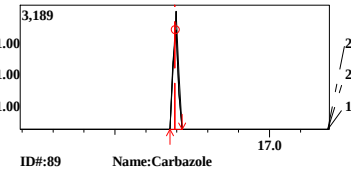
ID#:80 Name:Phenacetin
Mass:108.00 Type:Target

R.T:16.619 Area:3414 Conc:0.39976ppm



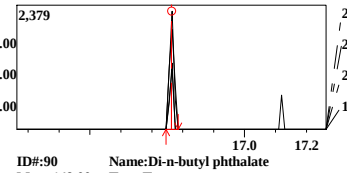
ID#:81 Name:4-Bromophenyl phenyl ether
Mass:250.00 Type:Target

R.T:16.695 Area:3056 Conc:0.96263ppm



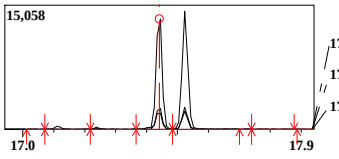
ID#:82 Name:Hexachlorobenzene
Mass:284.00 Type:Target

R.T:16.765 Area:2365 Conc:0.70525ppm



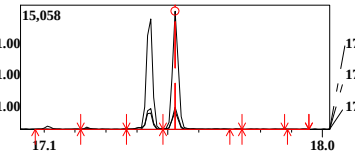
ID#:87 Name:Phenanthrene
Mass:178.00 Type:Target

R.T:17.441 Area:19182 Conc:1.12226ppm



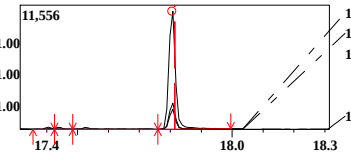
ID#:88 Name:Anthracene
Mass:178.00 Type:Target

R.T:17.524 Area:18854 Conc:1.10366ppm



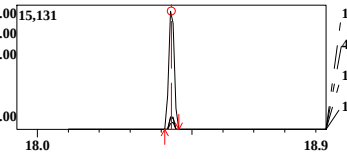
ID#:89 Name:Carbazole
Mass:167.00 Type:Target

R.T:17.806 Area:16638 Conc:1.01688ppm



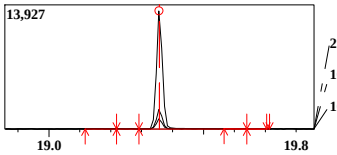
ID#:90 Name:Di-n-butyl phthalate
Mass:149.00 Type:Target

R.T:18.433 Area:18747 Conc:0.87947ppm



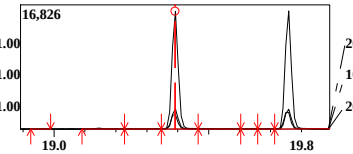
ID#:93 Name:Fluoranthene-d10
Mass:212.00 Type:Target

R.T:19.357 Area:18376 Conc:1.10721ppm



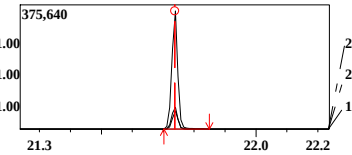
ID#:94 Name:Fluoranthene
Mass:202.00 Type:Target

R.T:19.391 Area:22177 Conc:1.18148ppm



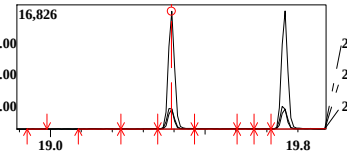
ID#:95 Name:Chrysene-d12 (IS)
Mass:240.00 Type:ISTD

R.T:21.738 Area:482916 Conc:40.00000ppm



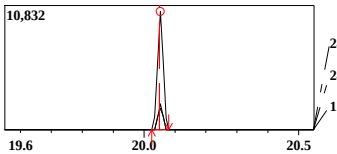
ID#:96 Name:Pyrene
Mass:202.00 Type:Target

R.T:19.391 Area:22177 Conc:1.15815ppm



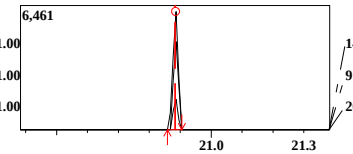
ID#:97 Name:p-Terphenyl-d14
Mass:244.00 Type:Surrogate/SMC

R.T:20.053 Area:13247 Conc:0.88104ppm



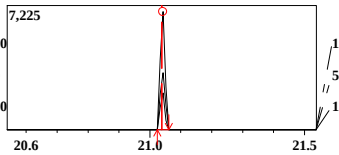
ID#:101 Name:Butyl benzyl phthalate
Mass:149.00 Type:Target

R.T:20.886 Area:7433 Conc:0.86333ppm



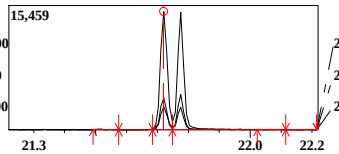
ID#:102 Name:Di(2-ethylhexyl) adipate
Mass:129.00 Type:Target

R.T:21.041 Area:7438 Conc:0.69626ppm



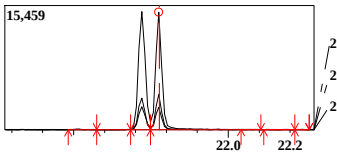
ID#:103 Name:Benzo[a]anthracene
Mass:228.00 Type:Target

R.T:21.721 Area:22893 Conc:1.17772ppm



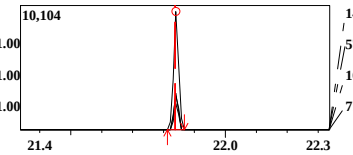
ID#:104 Name:Chrysene
Mass:228.00 Type:Target

R.T:21.775 Area:21448 Conc:1.21070ppm



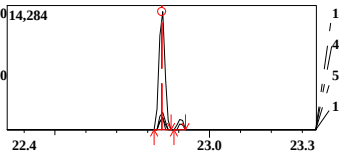
ID#:105 Name:Bis(2-Ethylhexyl) phthalate
Mass:149.00 Type:Target

R.T:21.840 Area:11331 Conc:0.89120ppm



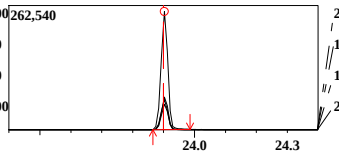
ID#:106 Name:Di-n-octyl phthalate
Mass:149.00 Type:Target

R.T:22.846 Area:18534 Conc:0.87100ppm



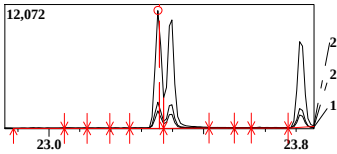
ID#:107 Name:Perylene-d12 (IS)
Mass:264.00 Type:ISTD

R.T:23.903 Area:374338 Conc:40.00000ppm



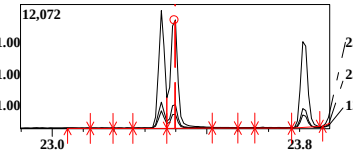
ID#:108 Name:Benzo[b]fluoranthene
Mass:252.00 Type:Target

R.T:23.354 Area:16267 Conc:1.00276ppm



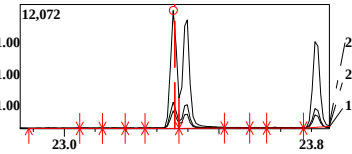
ID#:109 Name:Benzo[k]fluoranthene
Mass:252.00 Type:Target

R.T:23.394 Area:17652 Conc:1.20555ppm



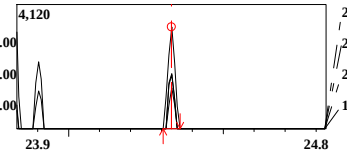
ID#:110 Name:Benzo[a]pyrene
Mass:252.00 Type:Target

R.T:23.354 Area:16267 Conc:1.29790ppm



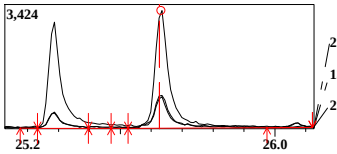
ID#:112 Name:3-Methylcholanthrene
Mass:268.00 Type:Target

R.T:24.333 Area:5398 Conc:0.79240ppm



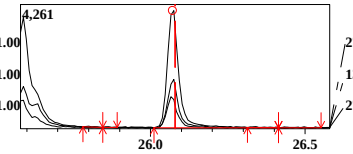
ID#:114 Name:Dibenzo[a,h]anthracene
Mass:278.00 Type:Target

R.T:25.632 Area:11139 Conc:1.01504ppm



ID#:115 Name:Benzo[g,h,i]perylene
Mass:276.00 Type:Target

R.T:26.071 Area:10753 Conc:0.99205ppm



Analyst: CMN Instrument: J7H Trace Number: SVOC-BO45-F14-Y
Method: 8270C/D/E/625.1 Batch:
Sample ID: A ICAL3 Data File: C:\GCMSsolution\Data\221130H006.qgd
Date: 11/30/2022 Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm
Time: 18:55:08 Sample Name: A ICAL3
Dilution: 1

Internal Standard

ID#	Name	Mass	Time	Area	Conc.
1	1,4-Dichlorobenzene-d4 (IS)	150.00	9.90	232520	40.00
24	Naphthalene-d8 (IS)	136.00	12.06	629469	40.00
45	Acenaphthene-d10 (IS)	164.00	14.97	303494	40.00
73	Phenanthrene-d10 (IS)	188.00	17.40	569656	40.00
95	Chrysene-d12 (IS)	240.00	21.73	491197	40.00
107	Perylene-d12 (IS)	264.00	23.90	384172	40.00

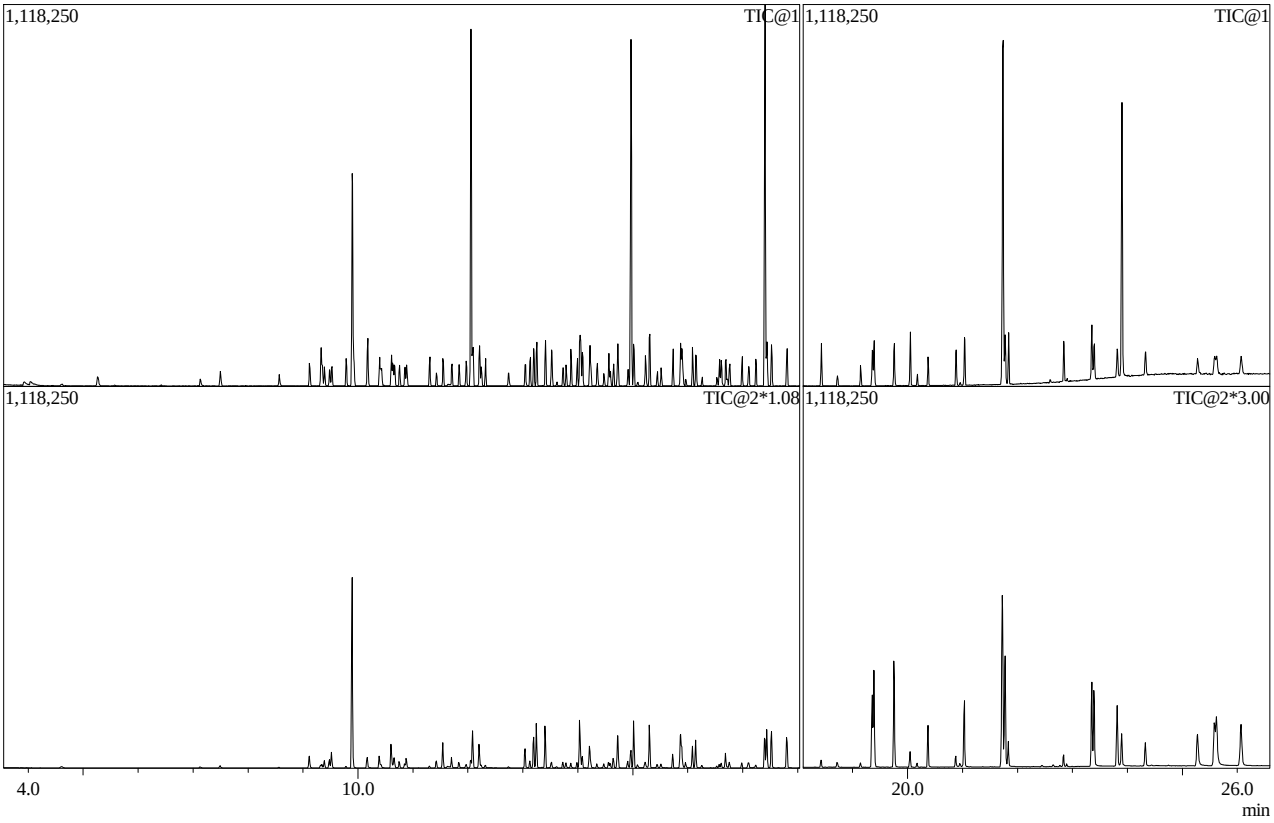
Surrogate

ID#	Name	Mass	Time	Area	Conc.
5	2-Fluorophenol	112.00	7.50	23974	4.34
10	Phenol-d6	99.00	9.33	27089	4.10
25	Nitrobenzene-d5	82.00	10.85	24813	4.24
50	2-Fluorobiphenyl	172.00	13.88	47059	4.28
78	2,4,6-Tribromophenol	330.00	16.26	3992	5.68
97	p-Terphenyl-d14	244.00	20.05	59708	4.08

Target

ID#	Name	Mass	Time	Area	Conc.
2	N-Nitrosodimethylamine	74.00	3.92	16644	3.69
3	Pyridine	79.00	4.04	18504	3.71
4	Methyl methanesulfonate	80.00	7.13	13083	4.22
6	Ethyl methanesulfonate	79.00	8.57	18297	4.37
7	Benzaldehyde	106.00	9.12	21020	4.53
8	Aniline	93.00	9.33	37947	4.33
9	Pentachloroethane	167.00	9.39	7482	4.37
11	Phenol	94.00	9.35	34020	4.14
12	bis(2-Chloroethyl)Ether	93.00	9.48	26960	4.40
13	2-Chlorophenol	128.00	9.52	25847	4.45
14	1,3-Dichlorobenzene	146.00	9.79	27540	4.63
15	1,4-Dichlorobenzene	146.00	9.93	26756	4.40
16	1,2-Dichlorobenzene	146.00	10.18	26998	4.60
17	Benzyl Alcohol	79.00	10.17	21057	4.12
18	bis(2-Chloroisopropyl) Ether	45.00	10.43	49059	4.62
19	2-Methylphenol (o-Cresol)	108.00	10.39	25067	4.33
20	Acetophenone	105.00	10.61	38023	4.46
21	N-Nitrosodi-n-propylamine	70.00	10.63	19017	4.34
22	3+4-Methylphenol(m&p-Cresol)	107.00	10.66	25805	4.15
23	Hexachloroethane	117.00	10.76	11676	4.55
26	Nitrobenzene	77.00	10.89	25250	4.10
27	Isophorone	82.00	11.31	51467	4.24
28	2-Nitrophenol	139.00	11.43	11689	3.87
29	2,4-Dimethylphenol	107.00	11.55	25543	3.88
30	Bis(2-Chloroethoxy)methane	93.00	11.71	32742	4.25
31	2,4-Dichlorophenol	162.00	11.84	15553	3.77
32	Benzoic Acid	105.00	11.66	4595	5.71
33	1,2,4-Trichlorobenzene	180.00	11.97	18663	4.28
34	Naphthalene	128.00	12.08	91816	4.26
35	4-Chloroaniline	127.00	12.21	28985	3.83
36	2,6-Dichlorophenol	162.00	12.21	16182	3.99
37	Hexachloropropene	213.00	12.24	13015	4.07
38	Hexachlorobutadiene	225.00	12.32	12485	4.17
39	Caprolactam	55.00	12.74	11594	4.08
40	2-Methylnaphthalene-d10	152.00	13.20	43328	4.33
41	4-Chloro-3-methylphenol	107.00	13.04	24210	4.03
42	Safrole	162.00	13.13	16431	4.08
43	2-Methylnaphthalene	142.00	13.25	57940	4.22
44	1-Methylnaphthalene	142.00	13.40	55721	4.28
46	Hexachlorocyclopentadiene	237.00	13.52	11134	4.56
47	1,2,4,5-Tetrachlorobenzene	216.00	13.53	22608	4.18
48	2,4,6-Trichlorophenol	196.00	13.73	12141	3.80
49	2,4,5-Trichlorophenol	196.00	13.79	13953	4.01
51	Isosafrole	162.00	13.99	17165	3.97
52	1,1'-Biphenyl	154.00	14.04	57640	4.21
53	2-Chloronaphthalene	162.00	14.05	46162	4.35
54	1-Chloronaphthalene	162.00	14.08	33280	4.00
55	2-Nitroaniline	138.00	14.24	14475	3.79
56	1,4-Naphthoquinone	158.00	14.35	16465	3.90
57	Dimethyl phthalate	163.00	14.56	47282	4.27
58	1,3-Dinitrobenzene	168.00	14.48	5637	4.85

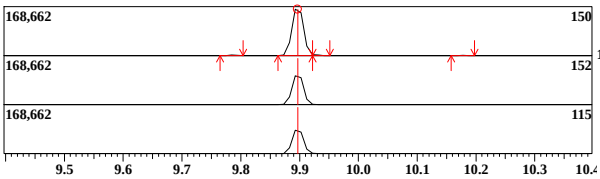
ID#	Name	Mass	Time	Area	Conc.
59	2,6-Dinitrotoluene (2,6-DNT)	165.00	14.65	9769	4.12
60	Acenaphthylene	152.00	14.73	78253	4.22
61	3-Nitroaniline	138.00	14.91	12776	4.01
62	Acenaphthene	154.00	15.02	51238	4.16
63	2,4-Dinitrophenol	184.00	15.09	3425	4.54
64	Pentachlorobenzene	250.00	15.23	17319	4.15
65	Dibenzofuran	168.00	15.30	71310	4.34
66	2,4-Dinitrotoluene (2,4-DNT)	165.00	15.30	13087	3.82
67	4-Nitrophenol	65.00	15.22	6682	4.21
68	2,3,4,6-Tetrachlorophenol	232.00	15.52	11139	3.78
69	Diethyl phthalate	149.00	15.73	51500	4.27
70	Fluorene	166.00	15.87	55855	4.17
71	4-Chlorophenyl phenyl ether	204.00	15.89	25549	4.29
72	4-Nitroaniline	138.00	15.91	12019	4.06
74	4,6-Dinitro-2-methylphenol	198.00	15.96	6235	4.53
75	N-Nitrosodiphenylamine	169.00	16.09	39196	3.98
76	Diphenylamine	169.00	16.09	39196	3.98
77	1,2-Diphenylhydrazine	77.00	16.15	55418	4.20
79	(cis/trans)-Diallate	43.00	16.58	25669	4.12
80	Phenacetin	108.00	16.61	23563	3.64
81	4-Bromophenyl phenyl ether	250.00	16.69	13924	4.26
82	Hexachlorobenzene	284.00	16.76	12343	4.14
83	Atrazine	200.00	16.99	13484	4.09
84	Pentachlorophenol	266.00	17.10	3726	5.32
85	Pentachloronitrobenzene	237.00	17.11	6145	3.95
86	Pronamide (Kerb)	173.00	17.24	18766	3.89
87	Phenanthrene	178.00	17.44	81612	4.30
88	Anthracene	178.00	17.52	80764	4.09
89	Carbazole	167.00	17.80	73492	4.18
90	Di-n-butyl phthalate	149.00	18.43	82954	4.00
91	4-Nitroquinoline-N-Oxide	190.00	18.72	2716	5.61
92	Isodrin	193.00	19.15	7763	4.14
93	Fluoranthene-d10	212.00	19.35	76803	4.35
94	Fluoranthene	202.00	19.39	96807	4.16
96	Pyrene	202.00	19.75	96170	4.17
98	Aramite A	185.00	20.05	4956	2.53
99	Aramite B	185.00	20.18	5497	1.87
100	Chlorobenzilate	251.00	20.37	16701	3.70
101	Butyl benzyl phthalate	149.00	20.88	34807	3.98
102	Di(2-ethylhexyl) adipate	129.00	21.04	35256	3.74
103	Benzo[a]anthracene	228.00	21.72	93248	4.48
104	Chrysene	228.00	21.77	89379	4.31
105	Bis(2-Ethylhexyl) phthalate	149.00	21.84	49289	3.84
106	Di-n-octyl phthalate	149.00	22.84	84424	3.94
108	Benzo[b]fluoranthene	252.00	23.35	73828	3.88
109	Benzo[k]fluoranthene	252.00	23.39	75402	4.16
110	Benzo[a]pyrene	252.00	23.81	59738	4.02
111	Indeno(1,2,3-cd)pyrene	276.00	25.58	42769	4.43
112	3-Methylcholanthrene	268.00	-	---	N.D.
113	Dibenz(a,j)Acridine	279.00	25.28	35695	3.66
114	Dibenzo[a,h]anthracene	278.00	25.62	47721	4.39
115	Benzo[g,h,i]perylene	276.00	26.07	46458	3.96
116	2-Picoline (2-Methylpyridine)	93.00	-	---	N.D.(Peak)
117	N-Nitrosomethylethylamine	88.00	-	---	N.D.(Peak)
118	N-Nitrosodiethylamine	102.00	-	---	N.D.(Peak)
119	n-Decane	57.00	-	---	N.D.(Peak)
120	N-Nitrosopyrrolidine	100.00	-	---	N.D.(Peak)
121	N-Nitrosomorpholine	56.00	-	---	N.D.(Peak)
122	o-Toluidine	106.00	-	---	N.D.(Ref)
123	N-Nitrosopiperidine	114.00	-	---	N.D.(Peak)
124	a,a-Dimethylphenethylamine	58.00	-	---	N.D.(Peak)
125	Alpha-Terpineol	59.00	-	---	N.D.(Peak)
126	p-Phenylenediamine	108.00	-	---	N.D.(Peak)
127	N-Nitrosodi-n-butylamine	84.00	-	---	N.D.(Ref)
128	2,3-Dichloroaniline	161.00	-	---	N.D.(Ref)
129	1-Naphthylamine	143.00	-	---	N.D.(Peak)
130	2-Naphthylamine	143.00	-	---	N.D.(Peak)
131	5-Nitro-o-Toluidine	152.00	-	---	N.D.(Ref)
132	4-Aminobiphenyl	169.00	-	---	N.D.(Peak)
133	n-Octadecane	57.00	-	---	N.D.(Peak)
134	Benzidine	184.00	-	---	N.D.(Peak)
135	4-Dimethyl aminoazobenzene	120.00	-	---	N.D.(Peak)
136	3,3'-Dimethylbenzidine	212.00	-	---	N.D.(Peak)
137	2-Acetylaminofluorene	181.00	-	---	N.D.(Peak)
138	3,3`-Dichlorobenzidine	252.00	-	---	N.D.(Peak)
139	7,12-Dimethylbenz[a]anthracene	256.00	-	---	N.D.(Ref)


1,118,250
TIC@1
1,118,250
TIC@1
1,118,250
TIC@2*1.08
1,118,250
TIC@2*3.00
4.0
10.0
20.0
26.0
min

ID#:1 Name:1,4-Dichlorobenzene-d4 (IS) Type:ISTD Manual Integration Performed
Manual Reason: Split peak. CMN 12/1/2022

Mass:150.00 R.T:9.896 Area:232520 Conc:40.00000ppm
Event:1:Scan SI:97

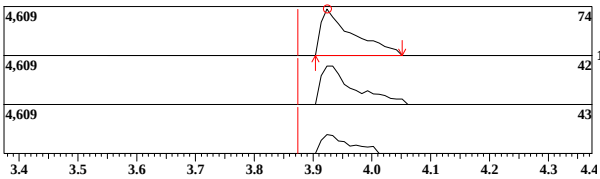
#	m/z	Area	Ratio	Reference
1	152.00	72275	62.38	65.66
2	115.00	57604	49.71	48.88



ID#:2 Name:N-Nitrosodimethylamine Type:Target No Manual Integration

Mass:74.00 R.T:3.925 Area:16644 Conc:3.69155ppm
Event:1:Scan SI:89

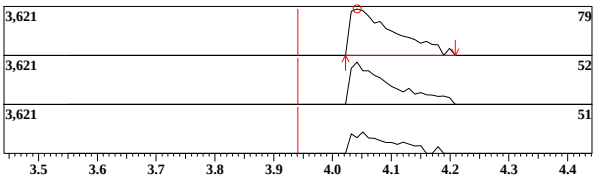
#	m/z	Area	Ratio	Reference
1	42.00	3247	87.40	72.10
2	43.00	1580	42.53	38.30



ID#:3 Name:Pyridine Type:Target No Manual Integration

Mass:79.00 R.T:4.042 Area:18504 Conc:3.71261ppm
Event:1:Scan SI:93

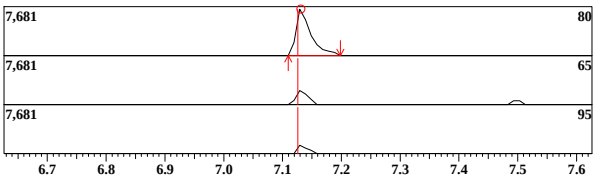
#	m/z	Area	Ratio	Reference
1	52.00	2769	82.71	80.35
2	51.00	1409	42.09	37.95



ID#:4 Name:Methyl methanesulfonate Type:Target No Manual Integration

Mass:80.00 R.T:7.132 Area:13083 Conc:4.21967ppm
Event:1:Scan SI:91

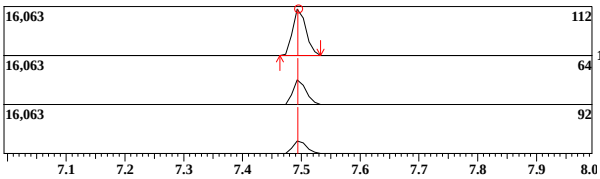
#	m/z	Area	Ratio	Reference
1	65.00	1525	30.43	35.13
2	95.00	748	14.92	18.43



ID#:5 Name:2-Fluorophenol Type:Surrogate/SMC No Manual Integration

Mass:112.00 R.T:7.496 Area:23974 Conc:4.34497ppm
Event:1:Scan SI:90

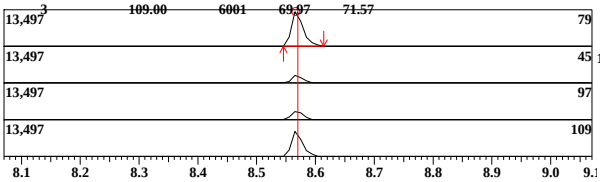
#	m/z	Area	Ratio	Reference
1	64.00	5935	51.90	72.76
2	92.00	3098	27.09	26.11



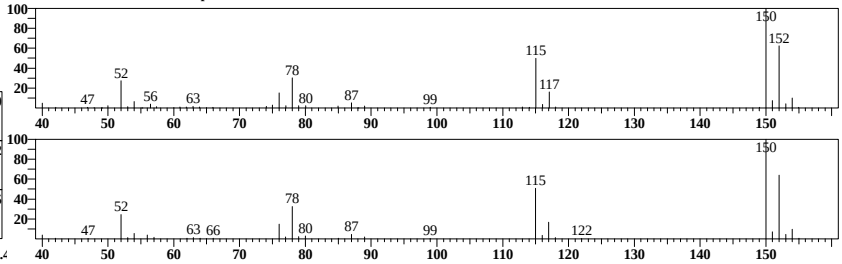
ID#:6 Name:Ethyl methanesulfonate Type:Target No Manual Integration

Mass:79.00 R.T:8.567 Area:18297 Conc:4.36889ppm
Event:1:Scan SI:92

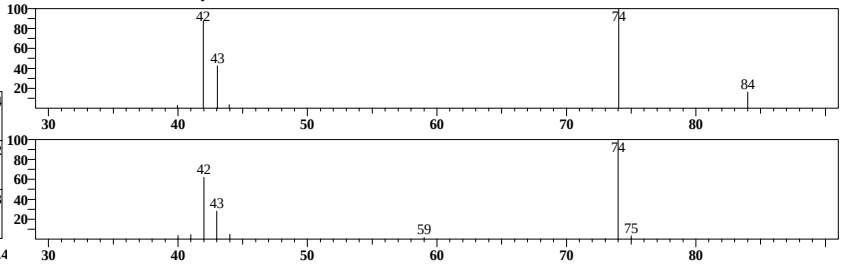
#	m/z	Area	Ratio	Reference
1	45.00	1788	20.85	17.15
2	97.00	2158	25.16	24.70
3	109.00	6001	69.97	71.57



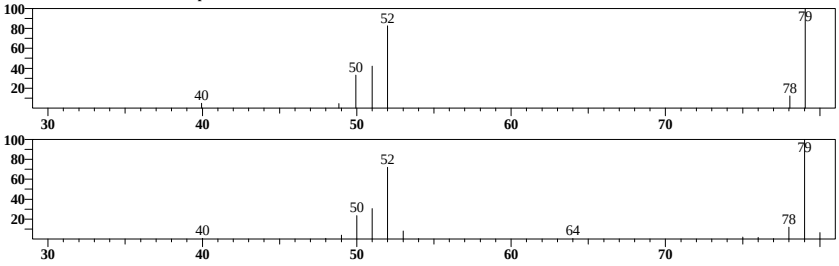
ID#:1 R.Time:9.893(Scan#:1291)
MassPeaks:44
RawMode:Averaged 9.883-9.902(1289-1293)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



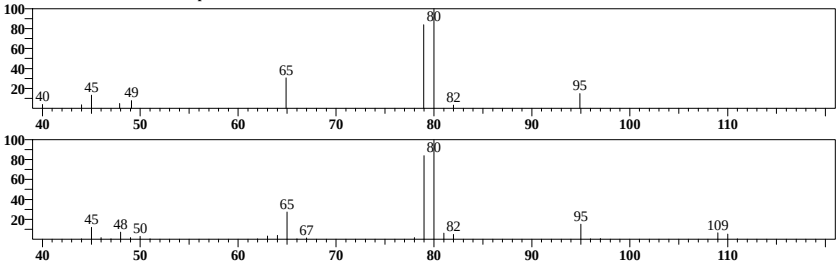
ID#:2 R.Time:3.924(Scan#:77)
MassPeaks:6
RawMode:Averaged 3.914-3.934(75-79)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



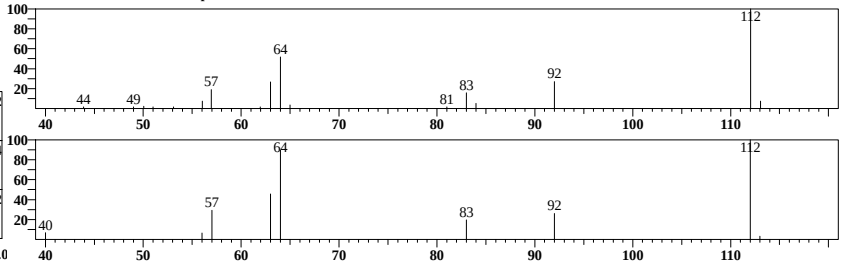
ID#:3 R.Time:4.042(Scan#:101)
MassPeaks:7
RawMode:Averaged 4.032-4.051(99-103)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



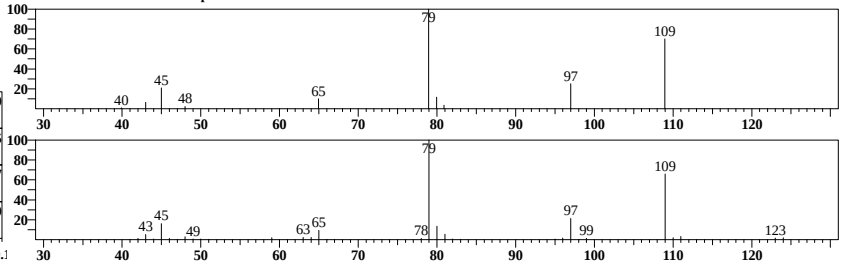
ID#:4 R.Time:7.129(Scan#:729)
MassPeaks:10
RawMode:Averaged 7.120-7.139(727-731)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:5 R.Time:7.493(Scan#:803)
MassPeaks:17
RawMode:Averaged 7.483-7.503(801-805)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



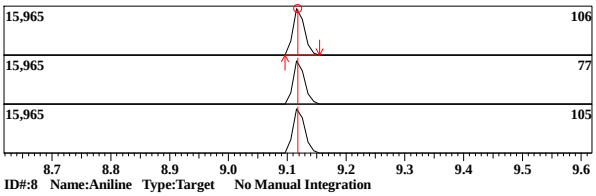
ID#:6 R.Time:8.565(Scan#:1021)
MassPeaks:10
RawMode:Averaged 8.555-8.575(1019-1023)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



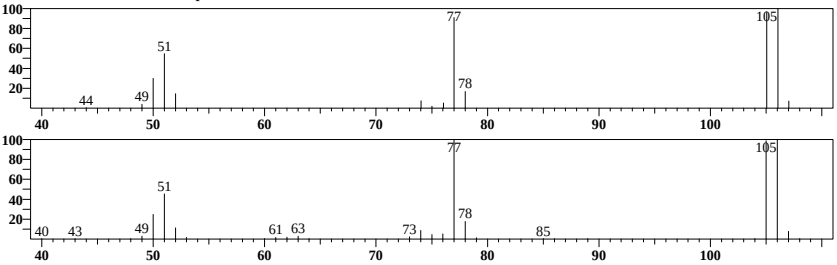
ID#:7 Name:Benzaldehyde Type:Target No Manual Integration

Mass:106.00 R.T:9.118 Area:21020 Conc:4.52770ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	77.00	9566	91.03	85.00
2	105.00	10130	96.39	96.78



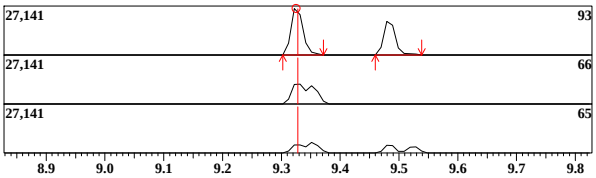
ID#:7 R.Time:9.116(Scan#:1133)
MassPeaks:13
RawMode:Averaged 9.106-9.126(1131-1135)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



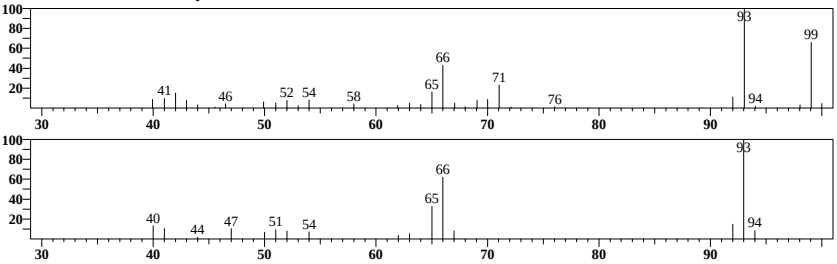
ID#:8 Name:Aniline Type:Target No Manual Integration

Mass:93.00 R.T:9.325 Area:37947 Conc:4.33474ppm
Event:1:Scan SI:71

#	m/z	Area	Ratio	Reference
1	66.00	7803	42.62	46.22
2	65.00	2959	16.16	22.48



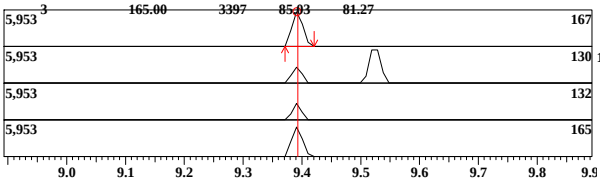
ID#:8 R.Time:9.322(Scan#:1175)
MassPeaks:31
RawMode:Averaged 9.312-9.332(1173-1177)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



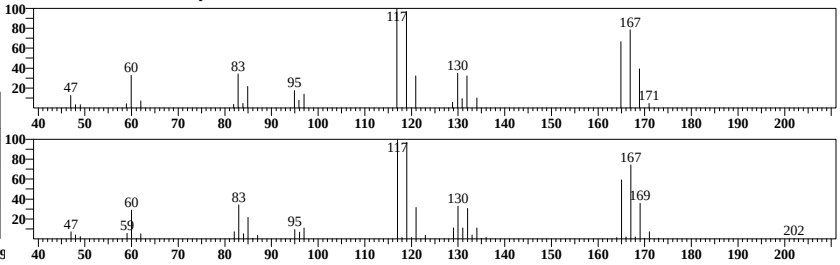
ID#:9 Name:Pentachloroethane Type:Target No Manual Integration

Mass:167.00 R.T:9.392 Area:7482 Conc:4.37286ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	130.00	1768	44.26	38.70
2	132.00	1636	40.95	34.68
3	165.00	3397	85.03	81.27



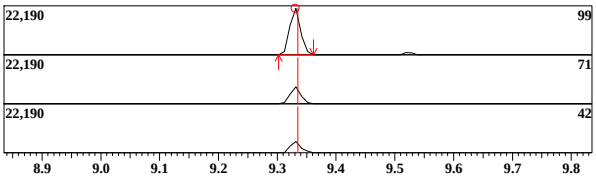
ID#:9 R.Time:9.391(Scan#:1189)
MassPeaks:25
RawMode:Averaged 9.381-9.401(1187-1191)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



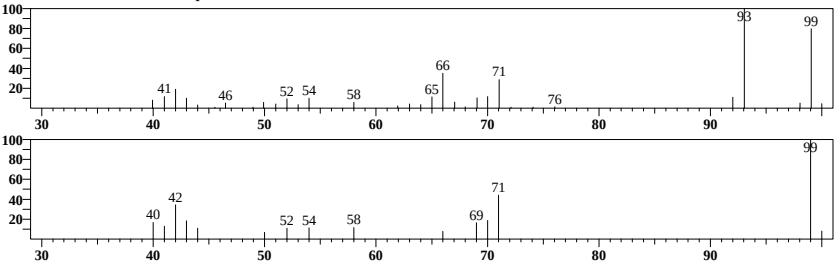
ID#:10 Name:Phenol-d6 Type:Surrogate/SMC No Manual Integration

Mass:99.00 R.T:9.331 Area:27089 Conc:4.09589ppm
Event:1:Scan SI:69

#	m/z	Area	Ratio	Reference
1	71.00	5163	36.10	35.02
2	42.00	3392	23.72	16.82



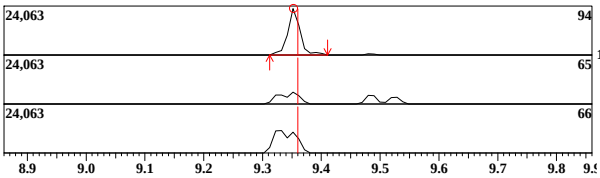
ID#:10 R.Time:9.332(Scan#:1177)
MassPeaks:32
RawMode:Averaged 9.322-9.342(1175-1179)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



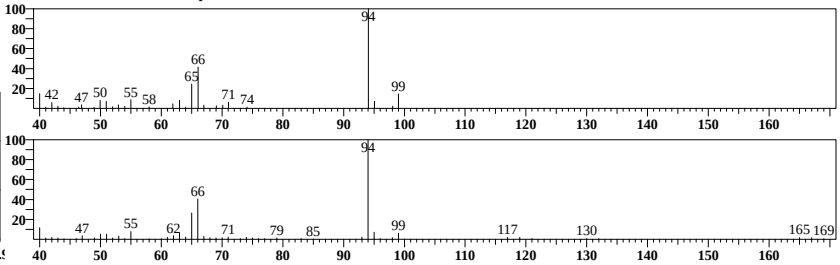
ID#:11 Name:Phenol Type:Target No Manual Integration

Mass:94.00 R.T:9.353 Area:34020 Conc:4.14403ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	65.00	3851	24.36	31.65
2	66.00	6532	41.32	40.72



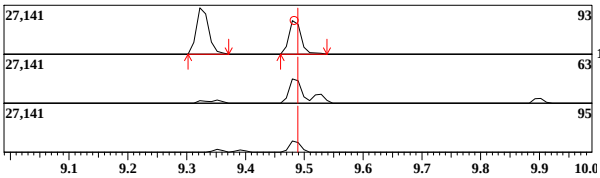
ID#:11 R.Time:9.352(Scan#:1181)
MassPeaks:29
RawMode:Averaged 9.342-9.361(1179-1183)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



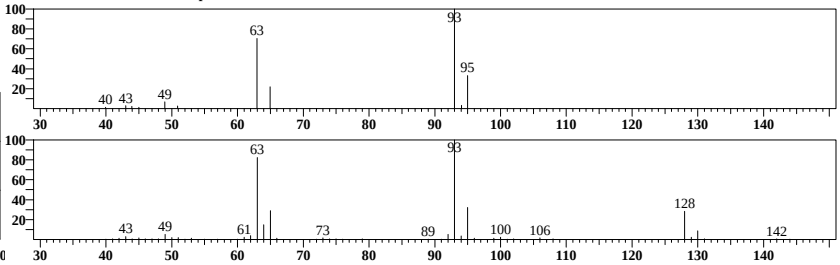
ID#:12 Name:bis(2-Chloroethyl)Ether Type:Target No Manual Integration

Mass:93.00 R.T:9.483 Area:26960 Conc:4.39783ppm
Event:1:Scan SI:82

#	m/z	Area	Ratio	Reference
1	63.00	9275	70.52	95.54
2	95.00	4358	33.13	33.05



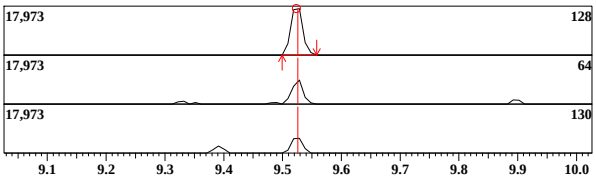
ID#:12 R.Time:9.479(Scan#:1207)
MassPeaks:11
RawMode:Averaged 9.470-9.489(1205-1209)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



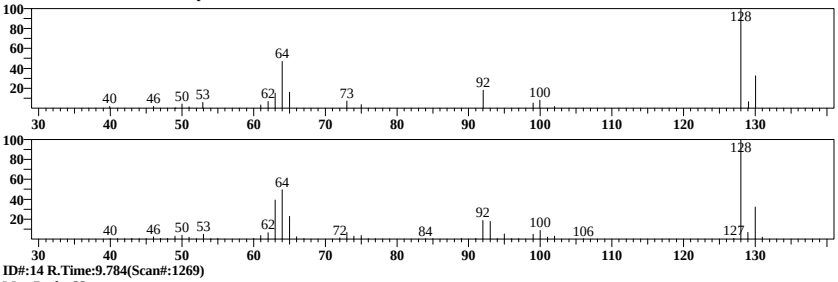
ID#:13 Name:2-Chlorophenol Type:Target No Manual Integration

Mass:128.00 R.T:9.524 Area:25847 Conc:4.44515ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	64.00	6034	47.02	65.60
2	130.00	4169	32.49	31.89



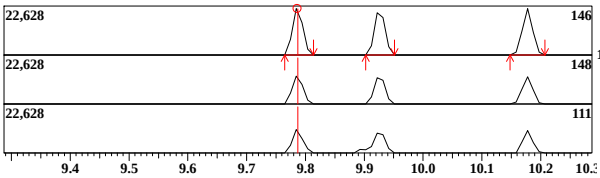
ID#:13 R.Time:9.529(Scan#:1217)
MassPeaks:20
RawMode:Averaged 9.519-9.539(1215-1219)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



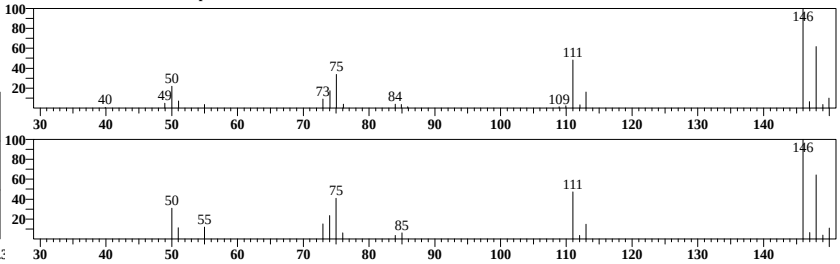
ID#:14 Name:1,3-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.786 Area:27540 Conc:4.62721ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	148.00	9052	61.89	64.92
2	111.00	7071	48.35	55.28



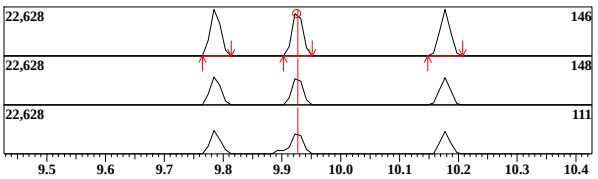
ID#:14 R.Time:9.784(Scan#:1269)
MassPeaks:22
RawMode:Averaged 9.774-9.794(1267-1271)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



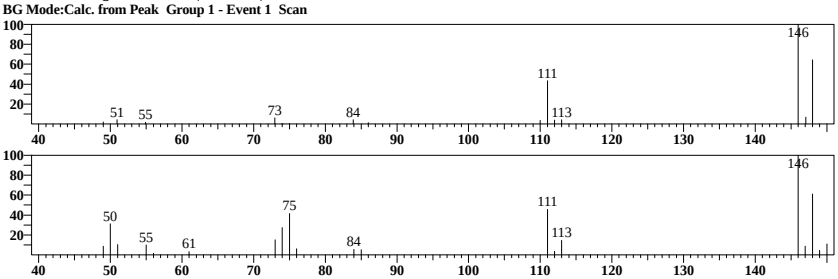
ID#:15 Name:1,4-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.925 Area:26756 Conc:4.39561ppm
Event:1:Scan SI:81

#	m/z	Area	Ratio	Reference
1	148.00	8846	64.17	66.17
2	111.00	5977	43.36	47.39



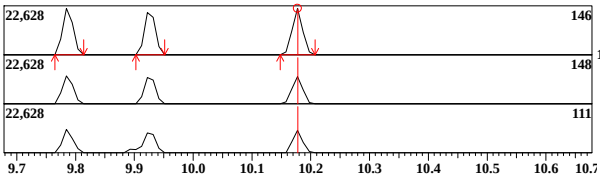
ID#:15 R.Time:9.922(Scan#:1297)
MassPeaks:15
RawMode:Averaged 9.912-9.932(1295-1299)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



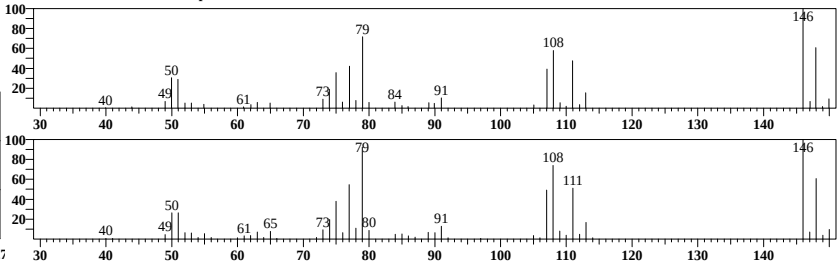
ID#:16 Name:1,2-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:10.177 Area:26998 Conc:4.60459ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	148.00	8693	60.68	65.19
2	111.00	6826	47.65	55.22



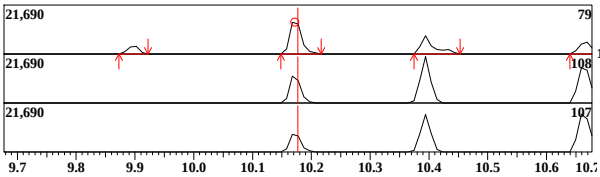
ID#:16 R.Time:10.178(Scan#:1349)
MassPeaks:39
RawMode:Averaged 10.168-10.188(1347-1351)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



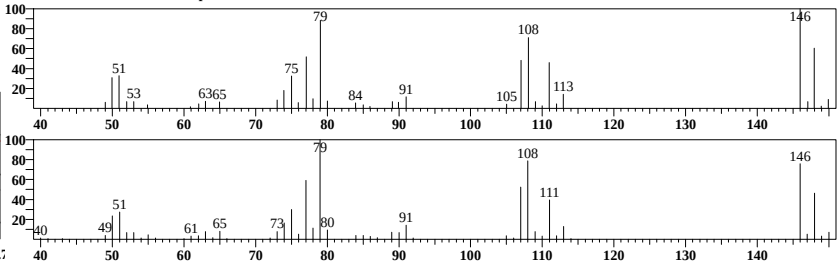
ID#:17 Name:Benzyl Alcohol Type:Target No Manual Integration

Mass:79.00 R.T:10.172 Area:21057 Conc:4.12158ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	108.00	8046	80.61	85.77
2	107.00	5458	54.68	58.74



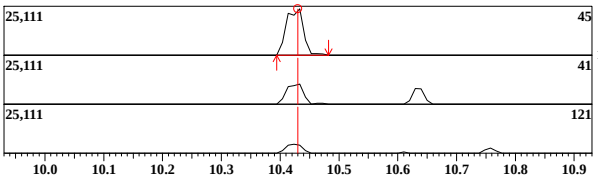
ID#:17 R.Time:10.168(Scan#:1347)
MassPeaks:37
RawMode:Averaged 10.158-10.178(1345-1349)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



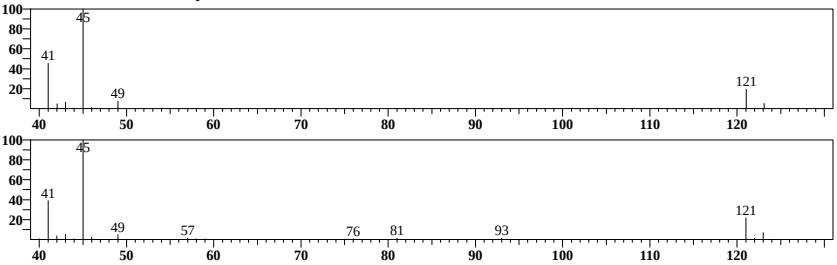
ID#:18 Name:bis(2-Chloroisopropyl) Ether Type:Target No Manual Integration

Mass:45.00 R.T:10.430 Area:49059 Conc:4.62224ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	41.00	7905	45.24	39.13
2	121.00	3350	19.17	18.18



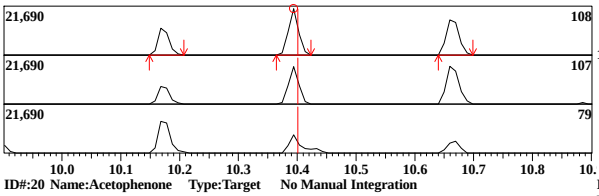
ID#:18 R.Time:10.433(Scan#:1401)
MassPeaks:9
RawMode:Averaged 10.424-10.443(1399-1403)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



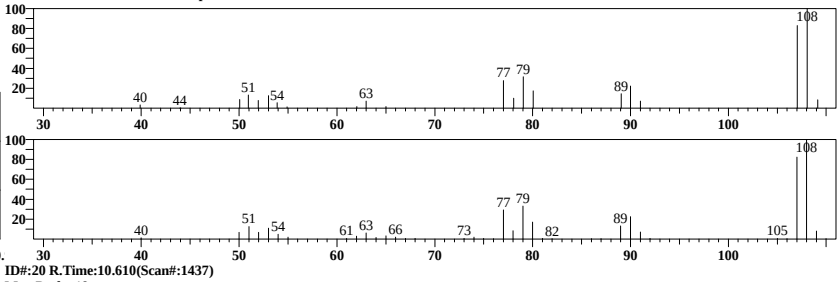
ID#:19 Name:2-Methylphenol (o-Cresol) Type:Target No Manual Integration

Mass:108.00 R.T:10.394 Area:25067 Conc:4.32592ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	107.00	10999	82.86	84.56
2	79.00	4204	31.67	35.28



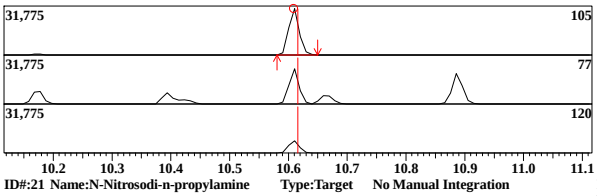
ID#:19 R.Time:10.394(Scan#:1393)
MassPeaks:21
RawMode:Averaged 10.384-10.404(1391-1395)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



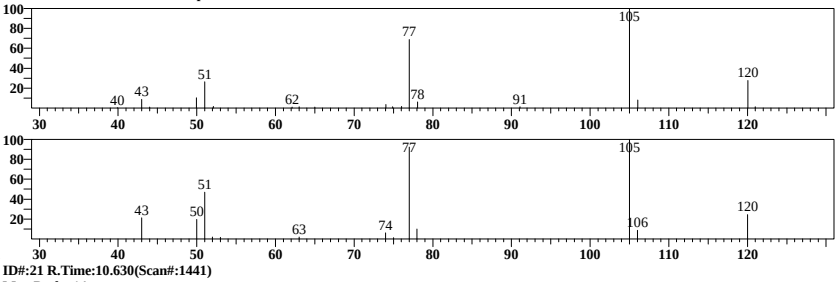
ID#:20 Name:Acetophenone Type:Target No Manual Integration

Mass:105.00 R.T:10.609 Area:38023 Conc:4.46190ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	77.00	13772	68.69	73.31
2	120.00	5536	27.61	24.48



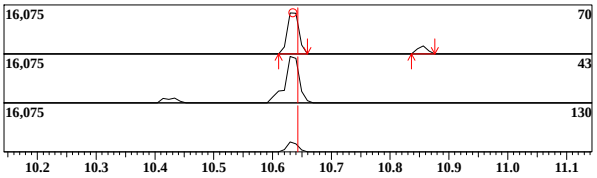
ID#:20 R.Time:10.610(Scan#:1437)
MassPeaks:19
RawMode:Averaged 10.601-10.620(1435-1439)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



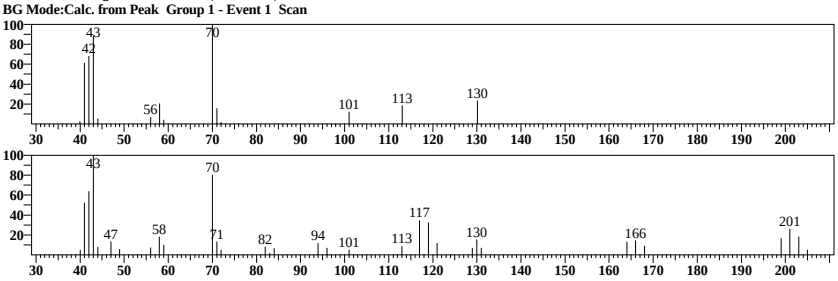
ID#:21 Name:N-Nitrosodi-n-propylamine Type:Target No Manual Integration

Mass:70.00 R.T:10.635 Area:19017 Conc:4.34107ppm
Event:1:Scan SI:72

#	m/z	Area	Ratio	Reference
1	43.00	8650	88.65	109.00
2	130.00	2264	23.20	17.19



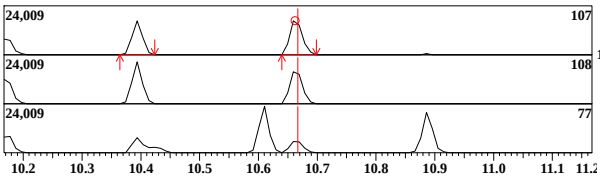
ID#:21 R.Time:10.630(Scan#:1441)
MassPeaks:14
RawMode:Averaged 10.620-10.640(1439-1443)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



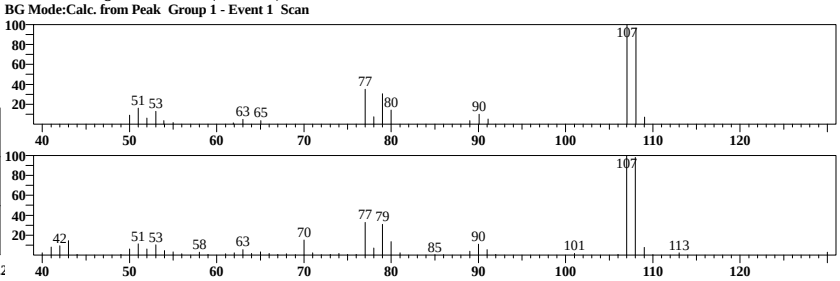
ID#:22 Name:3+4-Methylphenol(m&p-Cresol) Type:Target No Manual Integration

Mass:107.00 R.T:10.663 Area:25805 Conc:4.15043ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	108.00	11826	96.53	95.43
2	77.00	4302	35.12	31.91



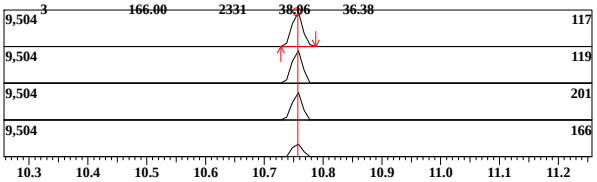
ID#:22 R.Time:10.660(Scan#:1447)
MassPeaks:19
RawMode:Averaged 10.650-10.669(1445-1449)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



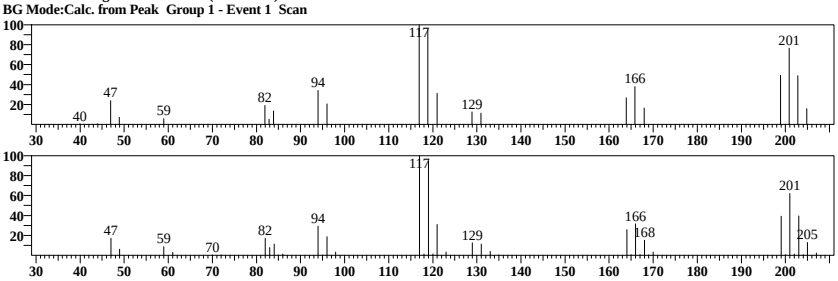
ID#:23 Name:Hexachloroethane Type:Target No Manual Integration

Mass:117.00 R.T:10.756 Area:11676 Conc:4.54905ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	119.00	5820	95.02	92.41
2	201.00	4694	76.64	78.73
3	166.00	2331	38.06	36.38



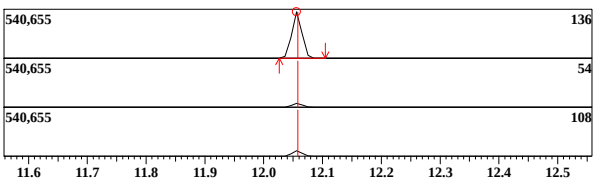
ID#:23 R.Time:10.758(Scan#:1467)
MassPeaks:22
RawMode:Averaged 10.748-10.768(1465-1469)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



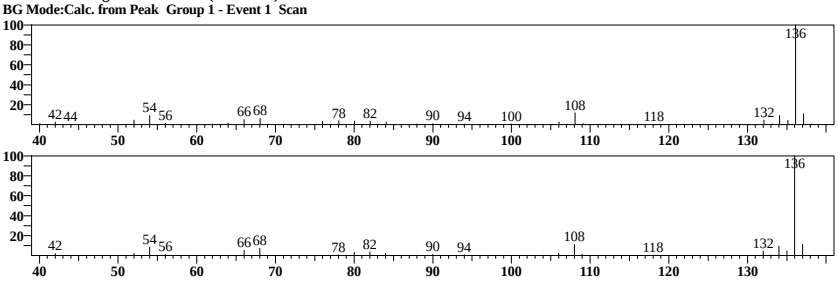
ID#:24 Name:Naphthalene-d8 (IS) Type:ISTD No Manual Integration

Mass:136.00 R.T:12.056 Area:629469 Conc:40.00000ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	54.00	30374	9.04	11.97
2	108.00	39962	11.89	12.20



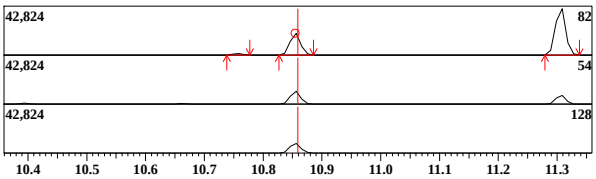
ID#:24 R.Time:12.056(Scan#:1731)
MassPeaks:52
RawMode:Averaged 12.046-12.066(1729-1733)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:25 Name:Nitrobenzene-d5 Type:Surrogate/SMC No Manual Integration

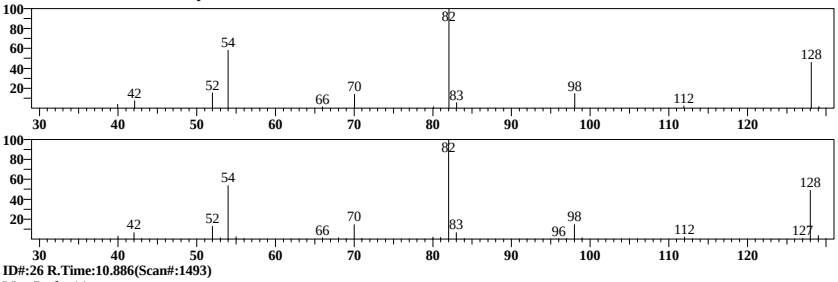
Mass:82.00 R.T:10.855 Area:24813 Conc:4.23562ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	54.00	7601	58.35	65.85
2	128.00	5970	45.83	43.44



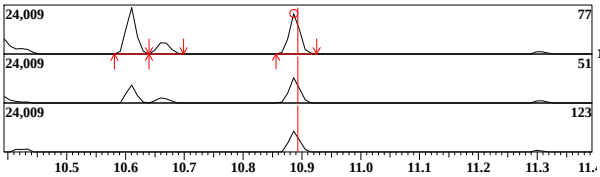
ID#:26 Name:Nitrobenzene Type:Target No Manual Integration

ID#:25 R.Time:10.856(Scan#:1487)
MassPeaks:13
RawMode:Averaged 10.846-10.866(1485-1489)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



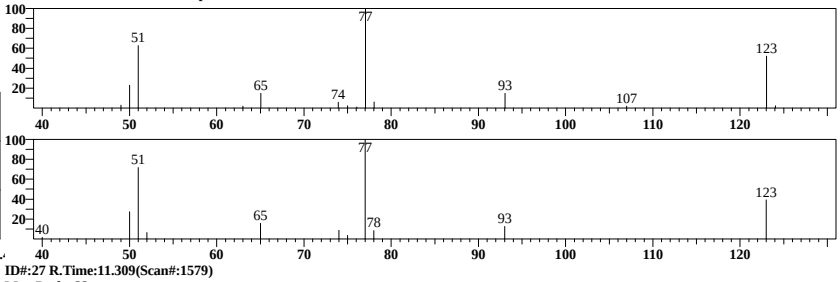
Mass:77.00 R.T:10.887 Area:25250 Conc:4.09957ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	51.00	8155	62.62	61.12
2	123.00	6789	52.13	46.32



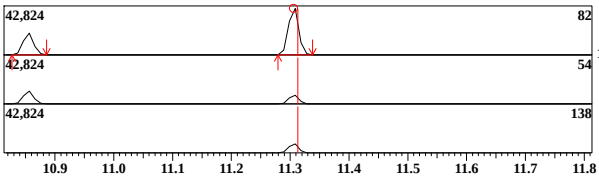
ID#:27 Name:Isophorone Type:Target No Manual Integration

ID#:26 R.Time:10.886(Scan#:1493)
MassPeaks:14
RawMode:Averaged 10.876-10.896(1491-1495)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



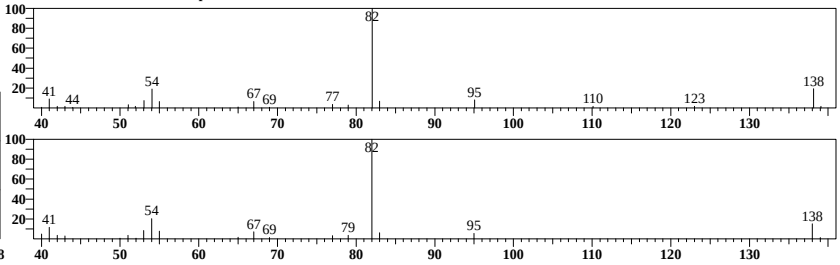
Mass:82.00 R.T:11.306 Area:51467 Conc:4.24277ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	54.00	5164	18.98	19.87
2	138.00	5285	19.43	14.87



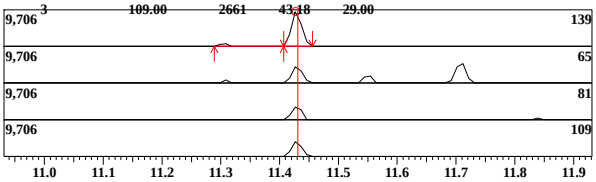
ID#:28 Name:2-Nitrophenol Type:Target No Manual Integration

ID#:27 R.Time:11.309(Scan#:1579)
MassPeaks:22
RawMode:Averaged 11.299-11.318(1577-1581)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



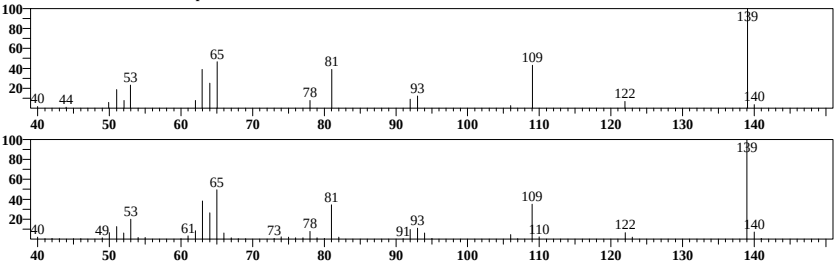
Mass:139.00 R.T:11.428 Area:11689 Conc:3.87154ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	65.00	2881	46.75	55.00
2	81.00	2402	38.98	33.00
3	109.00	2661	43.18	29.00



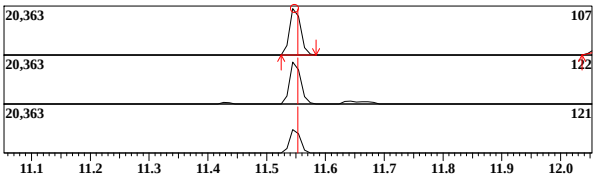
ID#:29 Name:2,4-Dimethylphenol Type:Target No Manual Integration

ID#:28 R.Time:11.427(Scan#:1603)
MassPeaks:19
RawMode:Averaged 11.417-11.436(1601-1605)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



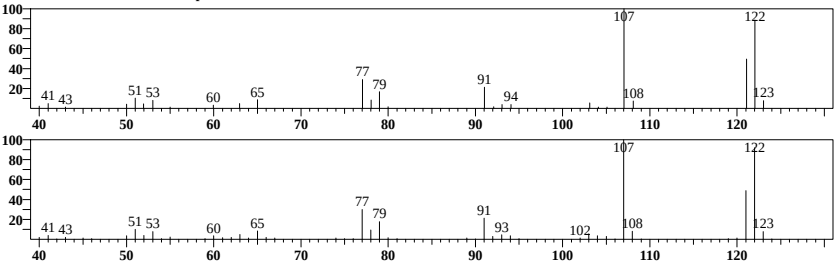
Mass:107.00 R.T:11.548 Area:25543 Conc:3.87586ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	122.00	11721	88.63	82.87
2	121.00	6559	49.60	42.24



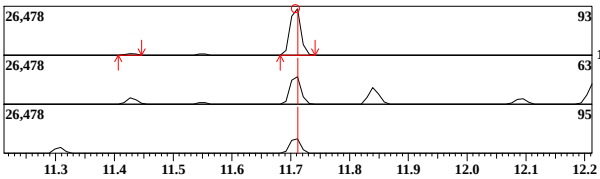
ID#:30 Name:Bis(2-Chloroethoxy)methane Type:Target No Manual Integration

ID#:29 R.Time:11.544(Scan#:1627)
MassPeaks:27
RawMode:Averaged 11.535-11.554(1625-1629)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

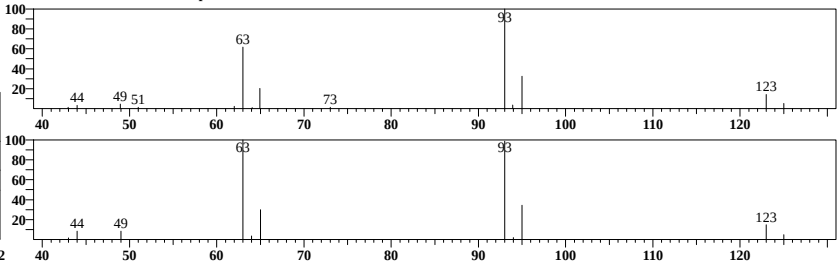


Mass:93.00 R.T:11.708 Area:32742 Conc:4.25365ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	63.00	10717	61.63	85.08
2	95.00	5647	32.48	33.16



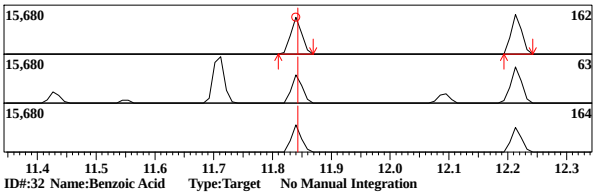
ID#:30 R.Time:11.712(Scan#:1661)
MassPeaks:14
RawMode:Averaged 11.702-11.722(1659-1663)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



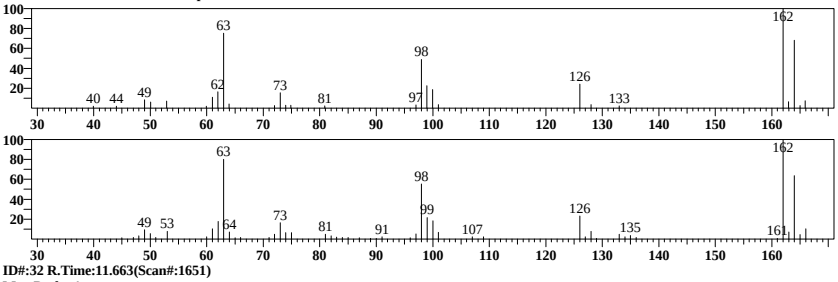
ID#:31 Name:2,4-Dichlorophenol Type:Target No Manual Integration

Mass:162.00 R.T:11.840 Area:15553 Conc:3.77268ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	63.00	6116	75.22	59.00
2	164.00	5546	68.21	65.54



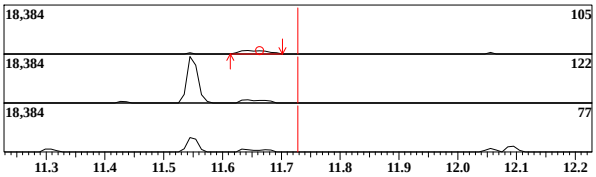
ID#:31 R.Time:11.839(Scan#:1687)
MassPeaks:28
RawMode:Averaged 11.830-11.849(1685-1689)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



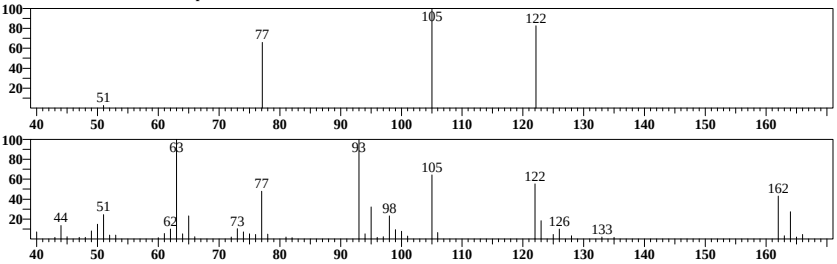
ID#:32 Name:Benzoic Acid Type:Target No Manual Integration

Mass:105.00 R.T:11.663 Area:4595 Conc:5.71129ppm
Event:1:Scan SI:41

#	m/z	Area	Ratio	Reference
1	122.00	957	82.64	76.85
2	77.00	765	66.06	75.23



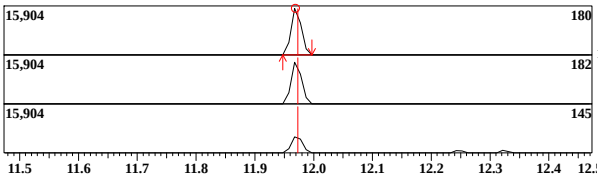
ID#:32 R.Time:11.663(Scan#:1651)
MassPeaks:4
RawMode:Averaged 11.653-11.672(1649-1653)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



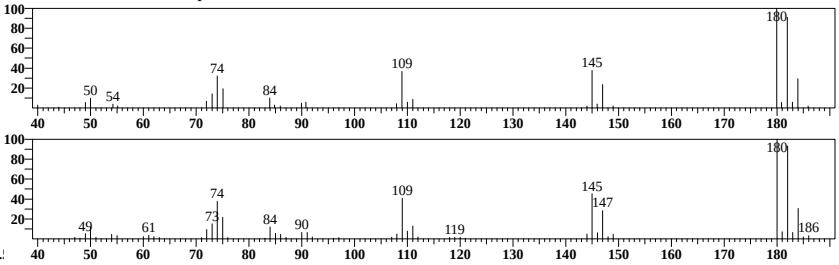
ID#:33 Name:1,2,4-Trichlorobenzene Type:Target No Manual Integration

Mass:180.00 R.T:11.969 Area:18663 Conc:4.27689ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	182.00	8985	90.96	91.21
2	145.00	3722	37.68	29.06



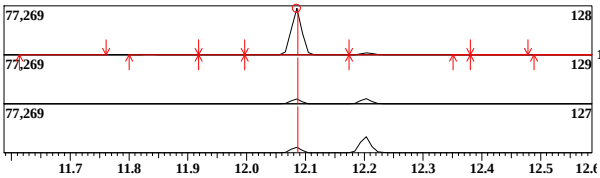
ID#:33 R.Time:11.967(Scan#:1713)
MassPeaks:30
RawMode:Averaged 11.958-11.977(1711-1715)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



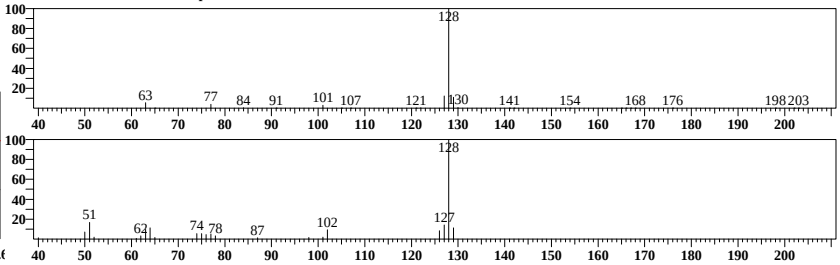
ID#:34 Name:Naphthalene Type:Target No Manual Integration

Mass:128.00 R.T:12.085 Area:91816 Conc:4.26219ppm
Event:2:SIM SI:83

#	m/z	Area	Ratio	Reference
1	129.00	5267	10.80	10.48
2	127.00	6024	12.35	13.97



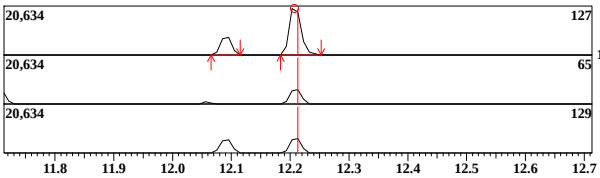
ID#:34 R.Time:12.085(Scan#:1738)
MassPeaks:25
RawMode:Averaged 12.076-12.095(1736-1740)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



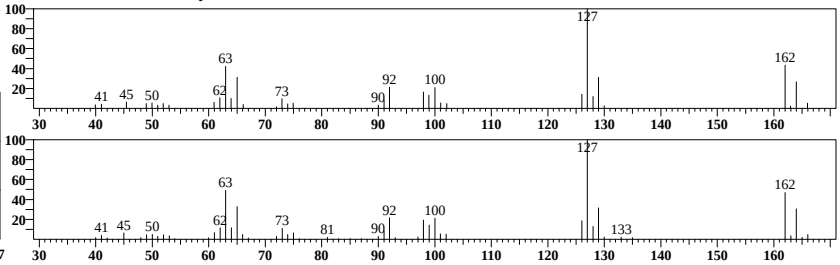
ID#:35 Name:4-Chloroaniline Type:Target No Manual Integration

Mass:127.00 R.T:12.207 Area:28985 Conc:3.82968ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	65.00	4321	31.21	45.58
2	129.00	4304	31.09	30.27



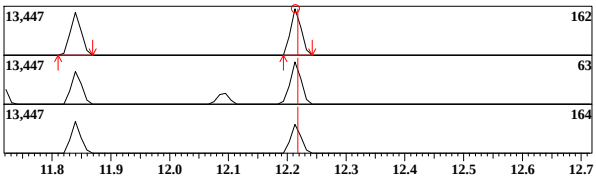
ID#:35 R.Time:12.203(Scan#:1761)
MassPeaks:35
RawMode:Averaged 12.194-12.213(1759-1763)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



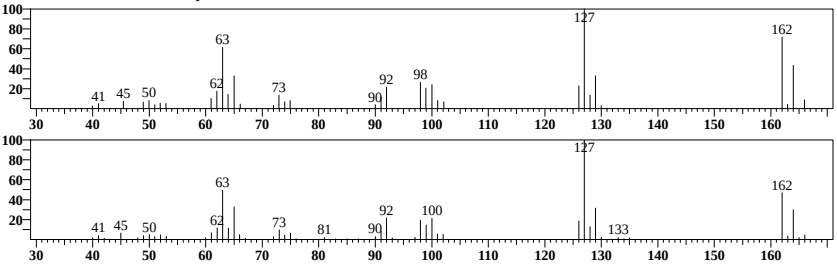
ID#:36 Name:2,6-Dichlorophenol Type:Target No Manual Integration

Mass:162.00 R.T:12.214 Area:16182 Conc:3.99143ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	63.00	7422	85.87	88.00
2	164.00	5237	60.59	62.85



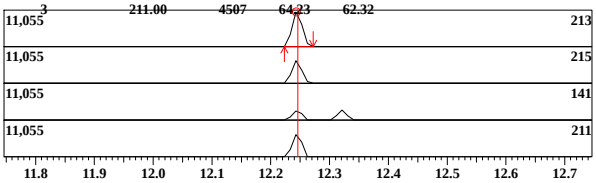
ID#:36 R.Time:12.213(Scan#:1763)
MassPeaks:35
RawMode:Averaged 12.203-12.223(1761-1765)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:37 Name:Hexachloropropene Type:Target No Manual Integration

Mass:213.00 R.T:12.244 Area:13015 Conc:4.07439ppm
Event:1:Scan SI:94

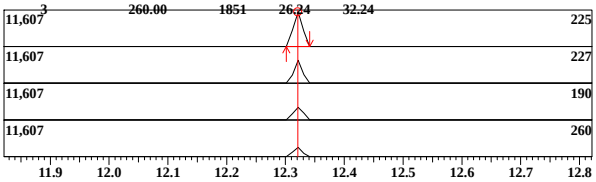
#	m/z	Area	Ratio	Reference
1	215.00	4460	63.56	64.65
2	141.00	1868	26.62	22.52
3	211.00	4507	64.23	62.32



ID#:38 Name:Hexachlorobutadiene Type:Target No Manual Integration

Mass:225.00 R.T:12.321 Area:12485 Conc:4.16652ppm
Event:1:Scan SI:93

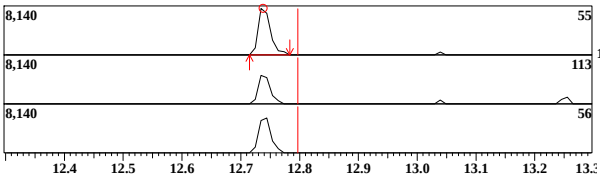
#	m/z	Area	Ratio	Reference
1	227.00	4172	59.15	64.03
2	190.00	2719	38.55	38.21
3	260.00	1851	26.24	32.24



ID#:39 Name:Caprolactam Type:Target No Manual Integration

Mass:55.00 R.T:12.738 Area:11594 Conc:4.07770ppm
Event:1:Scan SI:94

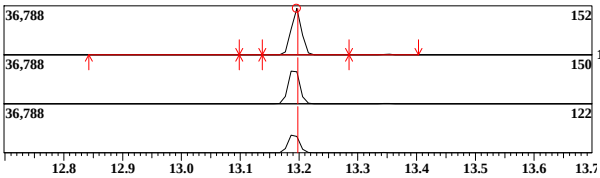
#	m/z	Area	Ratio	Reference
1	113.00	3302	62.27	78.00
2	56.00	4062	76.60	79.15



ID#:40 Name:2-Methylnaphthalene-d10 Type:Target No Manual Integration

Mass:152.00 R.T:13.196 Area:43328 Conc:4.32963ppm
Event:2:SIM SI:94

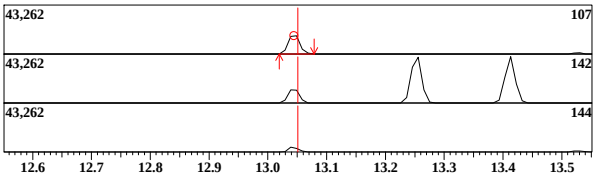
#	m/z	Area	Ratio	Reference
1	150.00	18024	78.35	58.54
2	122.00	9434	41.01	46.34



ID#:41 Name:4-Chloro-3-methylphenol Type:Target No Manual Integration

Mass:107.00 R.T:13.044 Area:24210 Conc:4.02521ppm
Event:1:Scan SI:94

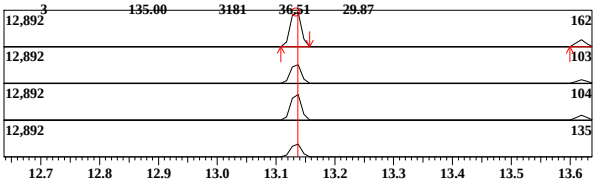
#	m/z	Area	Ratio	Reference
1	142.00	8684	71.39	60.24
2	144.00	2874	23.63	18.55



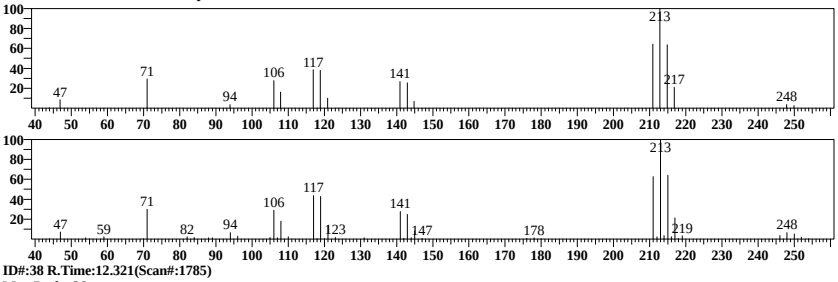
ID#:42 Name:Safrole Type:Target No Manual Integration

Mass:162.00 R.T:13.134 Area:16431 Conc:4.08269ppm
Event:1:Scan SI:95

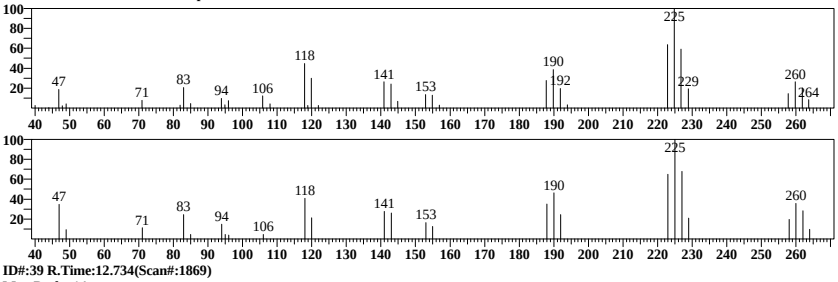
#	m/z	Area	Ratio	Reference
1	103.00	4627	53.10	50.38
2	104.00	6303	72.34	67.22
3	135.00	3181	36.51	29.87



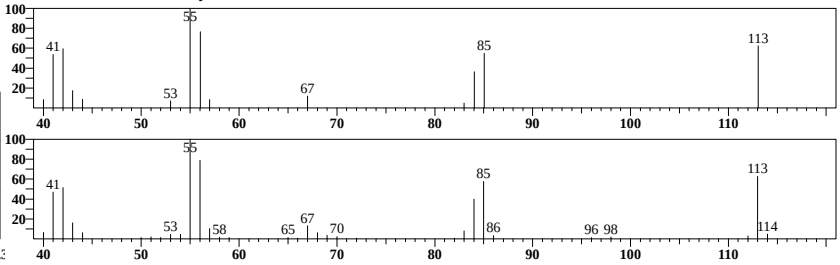
ID#:37 R.Time:12.243(Scan#:1769)
MassPeaks:18
RawMode:Averaged 12.233-12.253(1767-1771)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



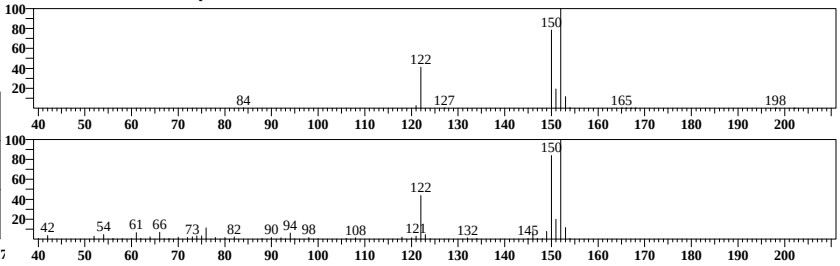
ID#:38 R.Time:12.321(Scan#:1785)
MassPeaks:36
RawMode:Averaged 12.312-12.331(1783-1787)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



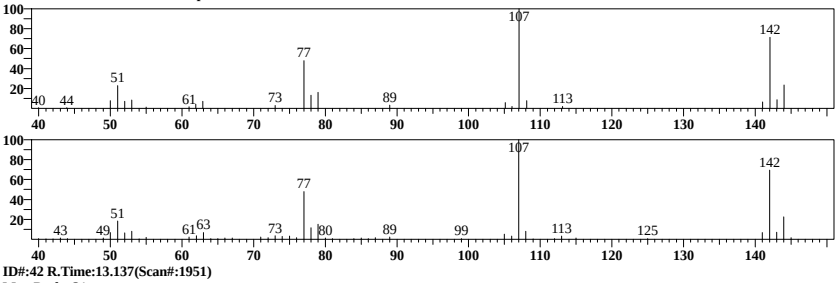
ID#:39 R.Time:12.734(Scan#:1869)
MassPeaks:14
RawMode:Averaged 12.725-12.744(1867-1871)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



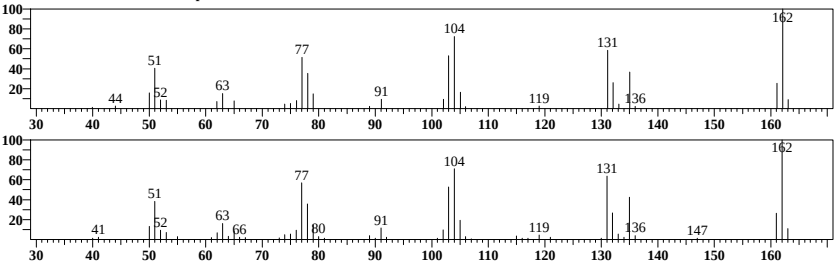
ID#:40 R.Time:13.196(Scan#:1964)
MassPeaks:15
RawMode:Averaged 13.187-13.206(1962-1966)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



ID#:41 R.Time:13.049(Scan#:1933)
MassPeaks:24
RawMode:Averaged 13.039-13.059(1931-1935)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



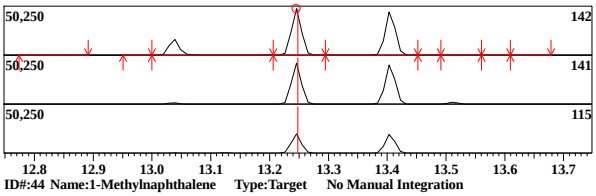
ID#:42 R.Time:13.137(Scan#:1951)
MassPeaks:31
RawMode:Averaged 13.128-13.147(1949-1953)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



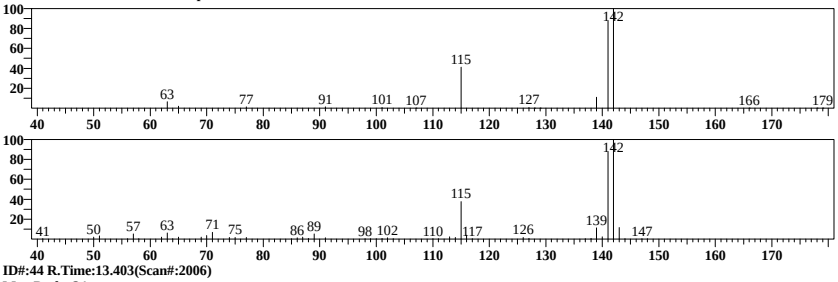
ID#:43 Name:2-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.245 Area:57940 Conc:4.22073ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	141.00	26981	87.32	68.04
2	115.00	12680	41.04	50.52



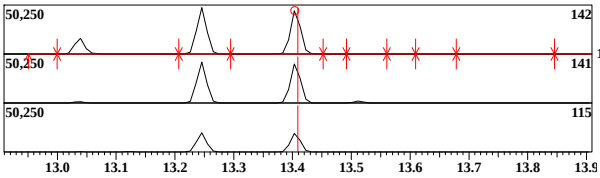
ID#:43 R.Time:13.246(Scan#:1974)
MassPeaks:16
RawMode:Averaged 13.236-13.256(1972-1976)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



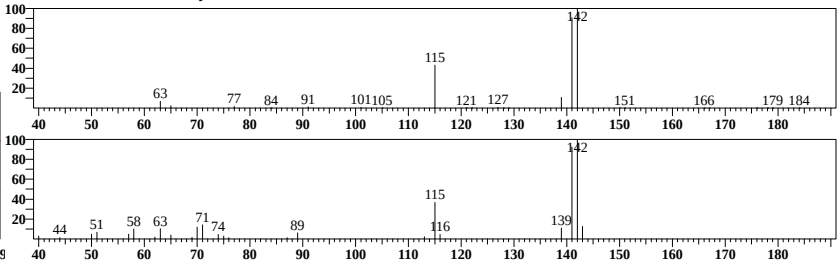
ID#:44 Name:1-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.404 Area:55721 Conc:4.27934ppm
Event:2:SIM SI:93

#	m/z	Area	Ratio	Reference
1	141.00	26437	90.67	72.83
2	115.00	12597	43.21	32.61



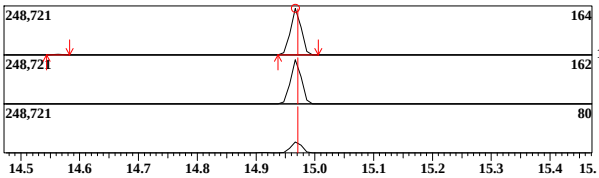
ID#:44 R.Time:13.403(Scan#:2006)
MassPeaks:24
RawMode:Averaged 13.393-13.413(2004-2008)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



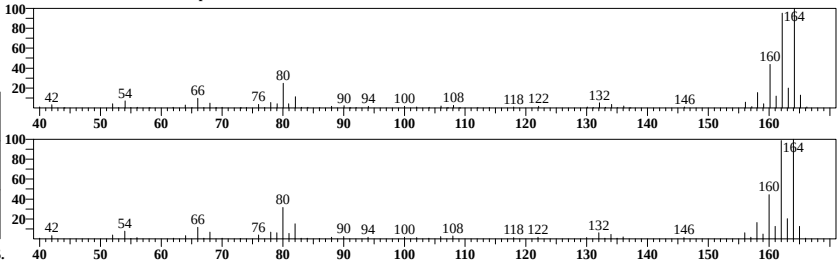
ID#:45 Name:Acenaphthene-d10 (IS) Type:ISTD No Manual Integration

Mass:164.00 R.T:14.967 Area:303494 Conc:40.00000ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	162.00	153473	95.33	95.44
2	80.00	39654	24.63	29.92



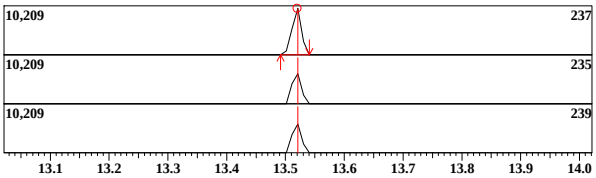
ID#:45 R.Time:14.967(Scan#:2323)
MassPeaks:65
RawMode:Averaged 14.957-14.976(2321-2325)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



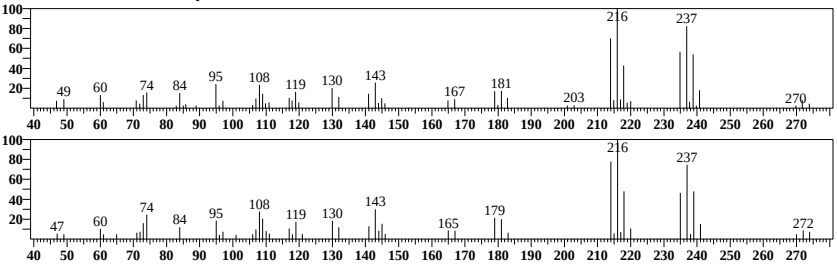
ID#:46 Name:Hexachlorocyclopentadiene Type:Target No Manual Integration

Mass:237.00 R.T:13.520 Area:11134 Conc:4.56279ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	235.00	4124	68.69	58.98
2	239.00	3924	65.36	65.78



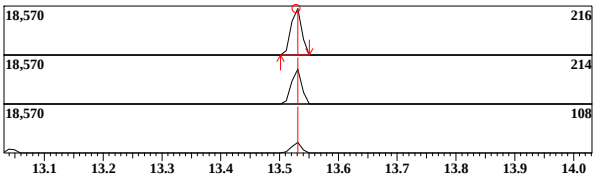
ID#:46 R.Time:13.521(Scan#:2029)
MassPeaks:57
RawMode:Averaged 13.511-13.531(2027-2031)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



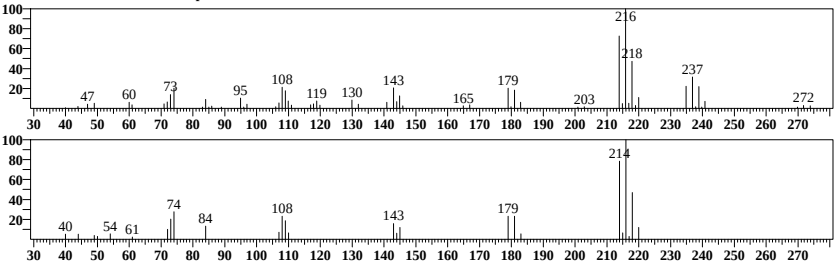
ID#:47 Name:1,2,4,5-Tetrachlorobenzene Type:Target No Manual Integration

Mass:216.00 R.T:13.529 Area:22608 Conc:4.18354ppm
Event:1:Scan SI:80

#	m/z	Area	Ratio	Reference
1	214.00	8835	72.59	78.02
2	108.00	2588	21.26	22.55



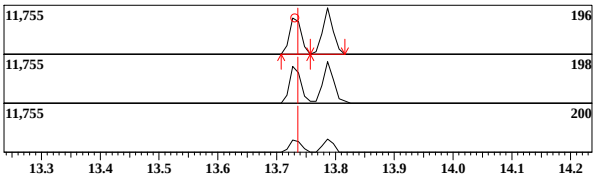
ID#:47 R.Time:13.531(Scan#:2031)
MassPeaks:59
RawMode:Averaged 13.521-13.541(2029-2033)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



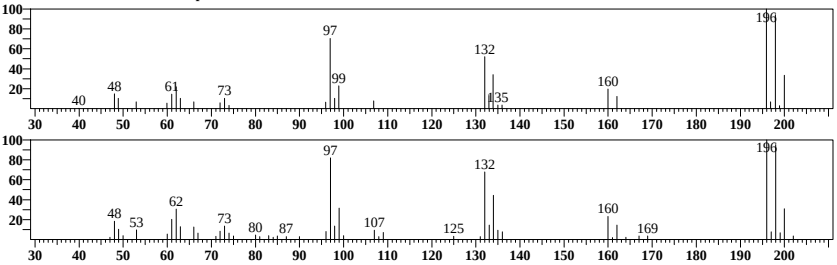
ID#:48 Name:2,4,6-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.731 Area:12141 Conc:3.79932ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	198.00	5859	94.11	94.42
2	200.00	2088	33.54	32.47



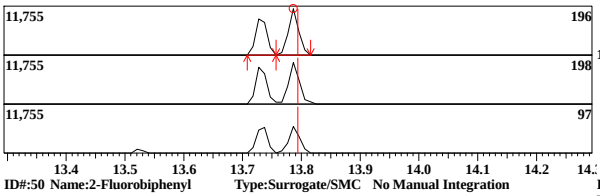
ID#:48 R.Time:13.727(Scan#:2071)
MassPeaks:29
RawMode:Averaged 13.718-13.737(2069-2073)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

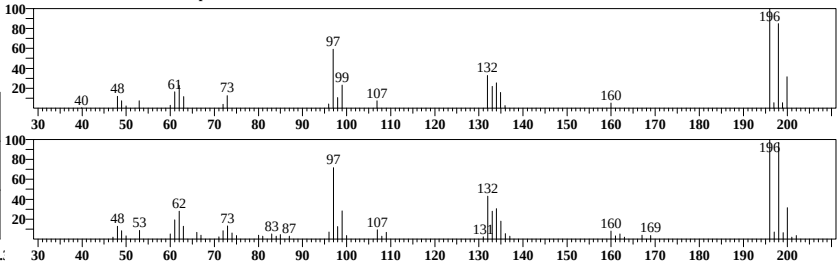


ID#:49 Name:2,4,5-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.787 Area:13953 Conc:4.00670ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	198.00	6136	84.84	97.81
2	97.00	4269	59.03	65.15



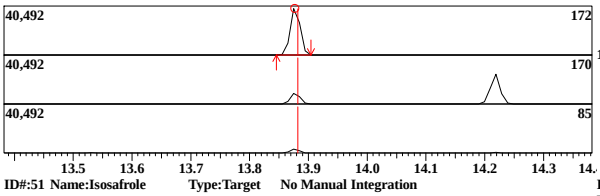


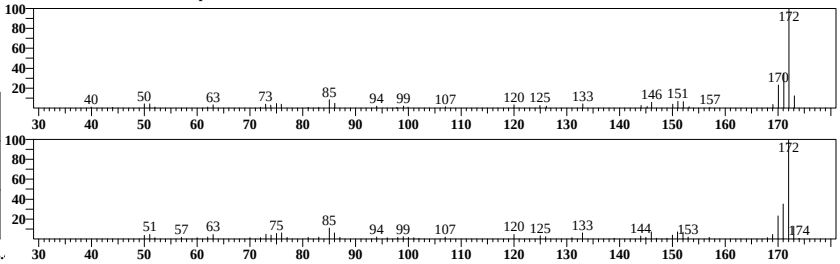
ID#:50 Name:2-Fluorobiphenyl Type:Surrogate/SMC No Manual Integration

ID#:50 R.Time:13.875(Scan#:2101)
MassPeaks:38
RawMode:Averaged 13.865-13.885(2099-2103)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:172.00 R.T:13.877 Area:47059 Conc:4.27621ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	170.00	5779	23.00	22.48
2	85.00	2096	8.34	9.13



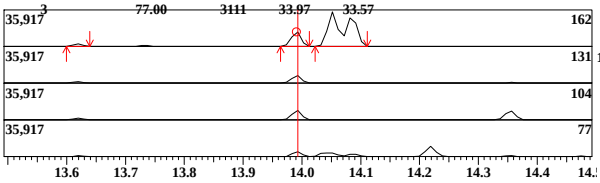


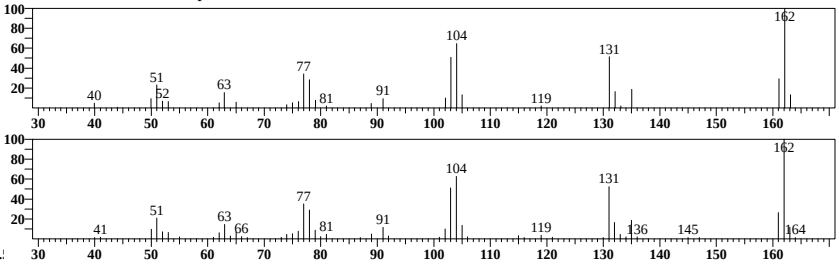
ID#:51 Name:Isosafrole Type:Target No Manual Integration

ID#:51 R.Time:13.993(Scan#:2125)
MassPeaks:30
RawMode:Averaged 13.983-14.003(2123-2127)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:162.00 R.T:13.991 Area:17165 Conc:3.97306ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	131.00	4716	51.49	42.54
2	104.00	5905	64.47	57.35
3	77.00	3111	33.97	33.57



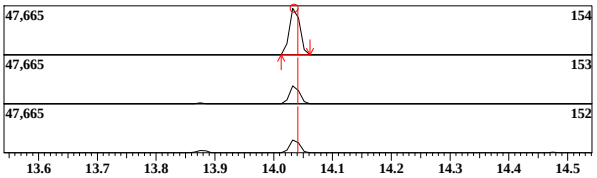


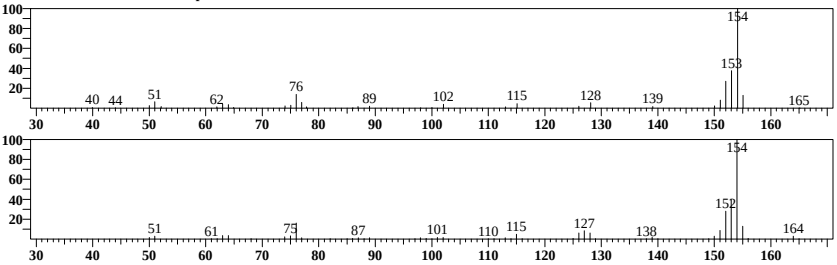
ID#:52 Name:1,1'-Biphenyl Type:Target No Manual Integration

ID#:52 R.Time:14.032(Scan#:2133)
MassPeaks:32
RawMode:Averaged 14.023-14.042(2131-2135)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:154.00 R.T:14.035 Area:57640 Conc:4.20940ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	153.00	11550	37.50	38.49
2	152.00	8315	26.99	28.01



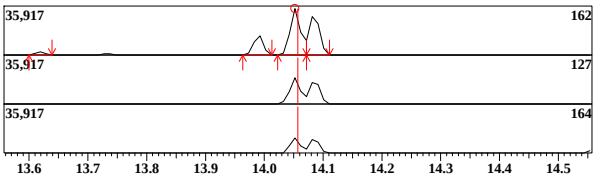


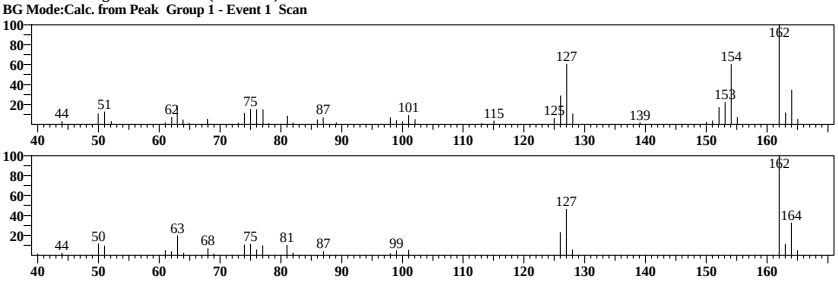
ID#:53 Name:2-Chloronaphthalene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/1/2022

ID#:53 R.Time:14.052(Scan#:2137)
MassPeaks:43
RawMode:Averaged 14.042-14.062(2135-2139)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:162.00 R.T:14.052 Area:46162 Conc:4.34548ppm
Event:1:Scan SI:79

#	m/z	Area	Ratio	Reference
1	127.00	9415	60.31	48.49
2	164.00	5346	34.25	32.94



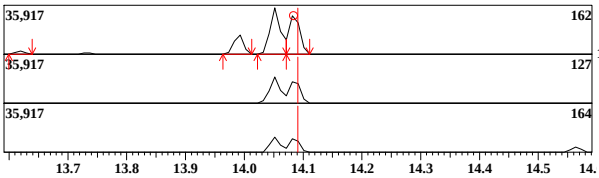


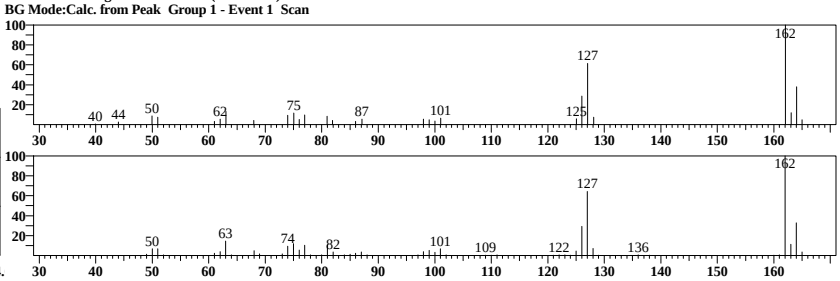
ID#:54 Name:1-Chloronaphthalene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/1/2022

ID#:54 R.Time:14.082(Scan#:2143)
MassPeaks:28
RawMode:Averaged 14.072-14.091(2141-2145)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:162.00 R.T:14.084 Area:33280 Conc:4.00230ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	127.00	7768	61.27	48.49
2	164.00	4793	37.81	32.94

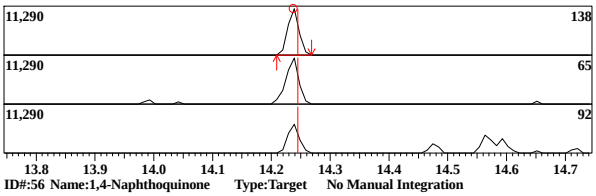




ID#:55 Name:2-Nitroaniline Type:Target No Manual Integration

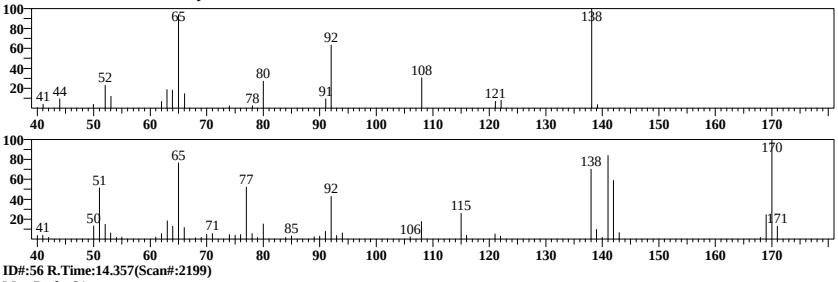
Mass:138.00 R.T:14.237 Area:14475 Conc:3.78547ppm
Event:1:Scan SI:56

#	m/z	Area	Ratio	Reference
1	65.00	7056	93.87	101.46
2	92.00	4760	63.32	55.64



ID#:56 Name:1,4-Naphthoquinone Type:Target No Manual Integration

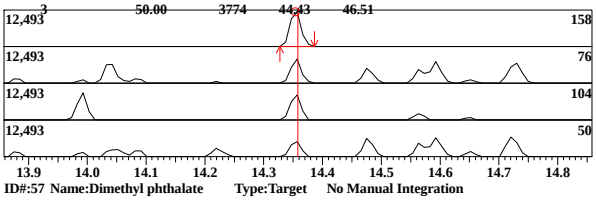
ID#:55 R.Time:14.239(Scan#:2175)
MassPeaks:21
RawMode:Averaged 14.229-14.249(2173-2177)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



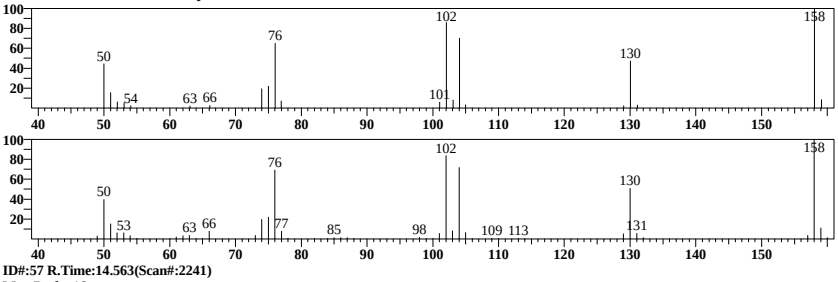
ID#:56 R.Time:14.357(Scan#:2199)
MassPeaks:21
RawMode:Averaged 14.347-14.367(2197-2201)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:158.00 R.T:14.354 Area:16465 Conc:3.89608ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	76.00	5504	64.79	68.34
2	104.00	5968	70.25	74.24
3	50.00	3774	44.43	46.51



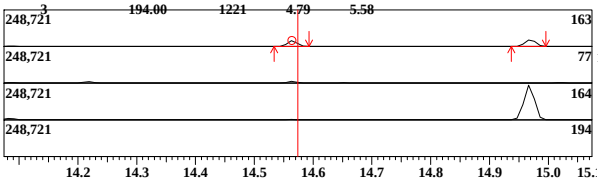
ID#:57 Name:Dimethyl phthalate Type:Target No Manual Integration



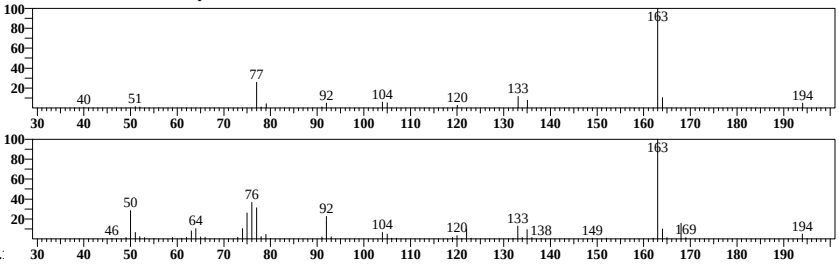
ID#:57 R.Time:14.563(Scan#:2241)
MassPeaks:16
RawMode:Averaged 14.554-14.573(2239-2243)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:163.00 R.T:14.564 Area:47282 Conc:4.27398ppm
Event:1:Scan SI:67

#	m/z	Area	Ratio	Reference
1	77.00	6570	25.78	29.31
2	164.00	2617	10.27	10.65
3	194.00	1221	4.79	5.58



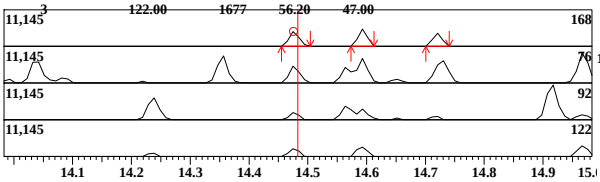
ID#:58 Name:1,3-Dinitrobenzene Type:Target No Manual Integration



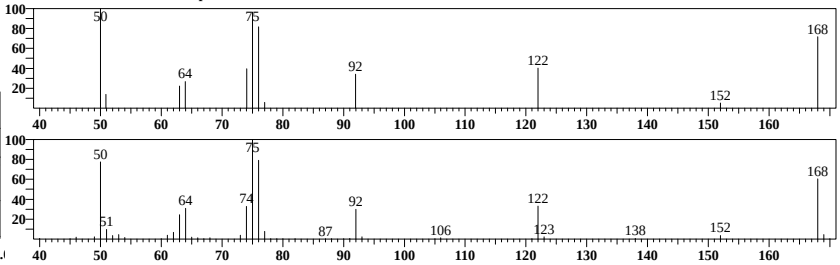
ID#:58 R.Time:14.475(Scan#:2223)
MassPeaks:12
RawMode:Averaged 14.465-14.485(2221-2225)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:168.00 R.T:14.476 Area:5637 Conc:4.85444ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	76.00	3404	114.08	100.00
2	92.00	1417	47.49	44.00
3	122.00	1677	56.20	47.00



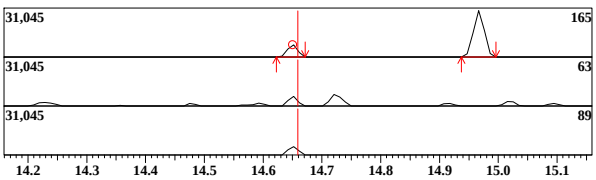
ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT) Type:Target No Manual Integration



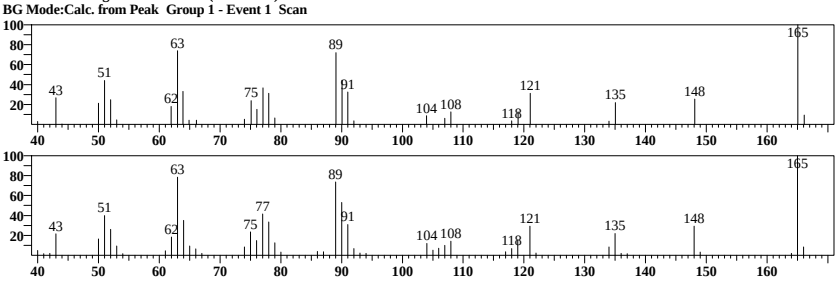
ID#:59 R.Time:14.652(Scan#:2259)
MassPeaks:33
RawMode:Averaged 14.642-14.662(2257-2261)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:165.00 R.T:14.650 Area:9769 Conc:4.11846ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	63.00	3910	73.97	89.00
2	89.00	3806	72.00	65.00



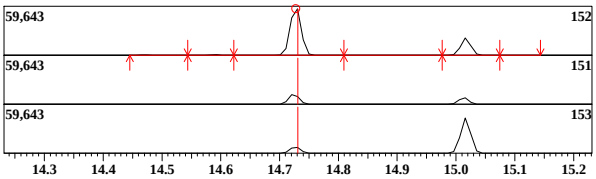
ID#:60 Name:Acenaphthylene Type:Target No Manual Integration

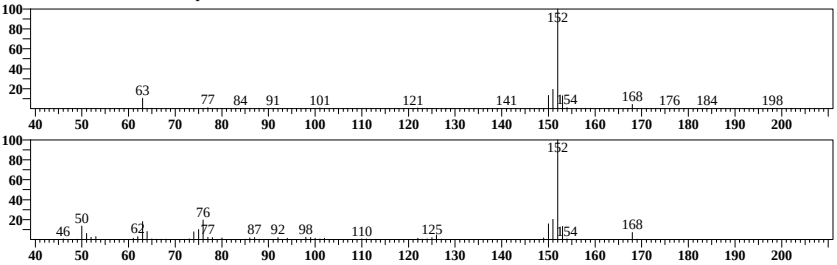


ID#:60 R.Time:14.731(Scan#:2276)
MassPeaks:26
RawMode:Averaged 14.721-14.740(2274-2278)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM

Mass:152.00 R.T:14.728 Area:78253 Conc:4.21627ppm
Event:2:SIM SI:95

#	m/z	Area	Ratio	Reference
1	151.00	7823	19.34	14.97
2	153.00	5169	12.78	5.44

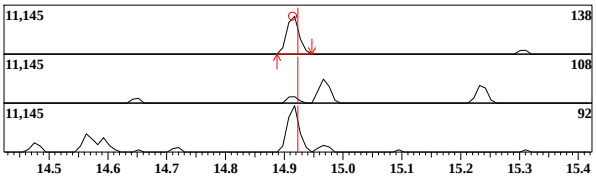




ID#:61 Name:3-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.914 Area:12776 Conc:4.01422ppm
Event:1:Scan SI:93

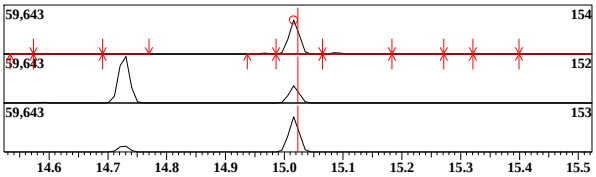
#	m/z	Area	Ratio	Reference
1	108.00	1142	17.75	16.00
2	92.00	7627	118.52	101.00



ID#:62 Name:Acenaphthene Type:Target No Manual Integration

Mass:154.00 R.T:15.016 Area:51238 Conc:4.16025ppm
Event:2:SIM SI:96

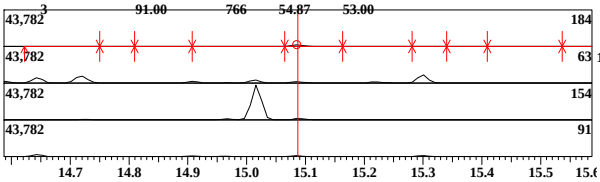
#	m/z	Area	Ratio	Reference
1	152.00	13799	50.65	59.49
2	153.00	28244	103.67	105.06



ID#:63 Name:2,4-Dinitrophenol Type:Target No Manual Integration

Mass:184.00 R.T:15.085 Area:3425 Conc:4.53756ppm
Event:2:SIM SI:84

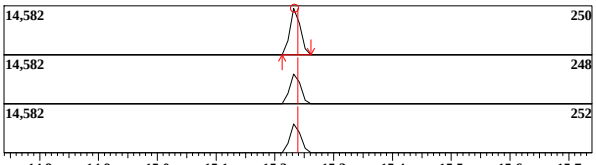
#	m/z	Area	Ratio	Reference
1	63.00	1114	79.80	90.00
2	154.00	1059	75.86	64.00
3	91.00	766	54.87	53.00



ID#:64 Name:Pentachlorobenzene Type:Target No Manual Integration

Mass:250.00 R.T:15.234 Area:17319 Conc:4.14611ppm
Event:1:Scan SI:93

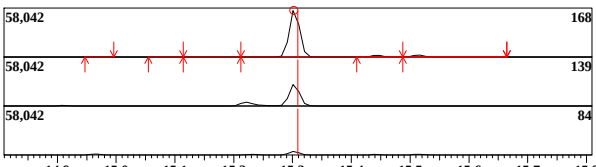
#	m/z	Area	Ratio	Reference
1	248.00	6154	67.13	63.33
2	252.00	5822	63.51	65.87



ID#:65 Name:Dibenzofuran Type:Target No Manual Integration

Mass:168.00 R.T:15.303 Area:71310 Conc:4.34387ppm
Event:2:SIM SI:95

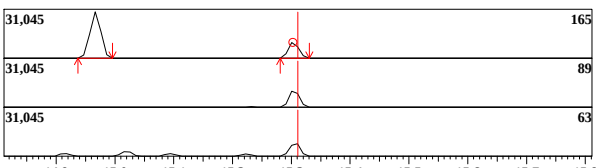
#	m/z	Area	Ratio	Reference
1	139.00	14652	39.50	44.93
2	84.00	2836	7.64	10.15



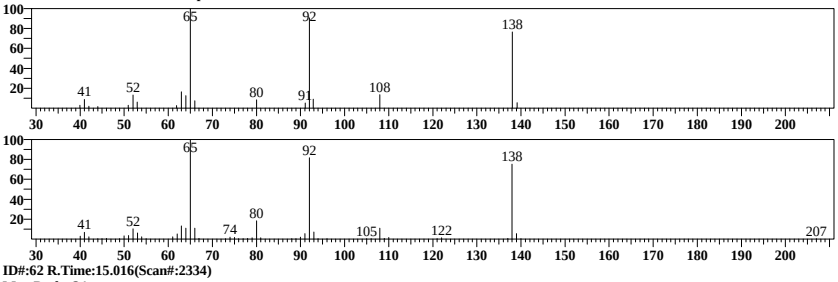
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT) Type:Target No Manual Integration

Mass:165.00 R.T:15.303 Area:13087 Conc:3.82422ppm
Event:1:Scan SI:95

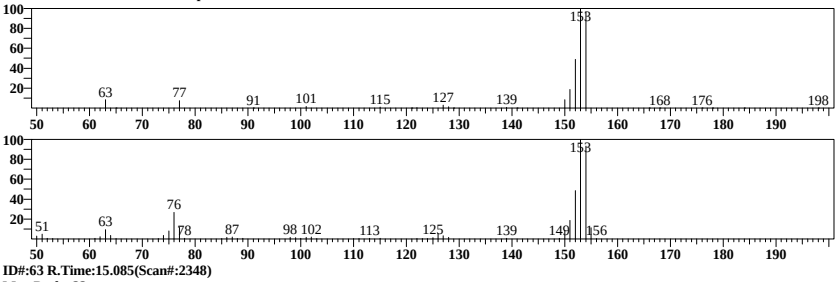
#	m/z	Area	Ratio	Reference
1	89.00	6998	103.03	96.00
2	63.00	5591	82.32	80.00



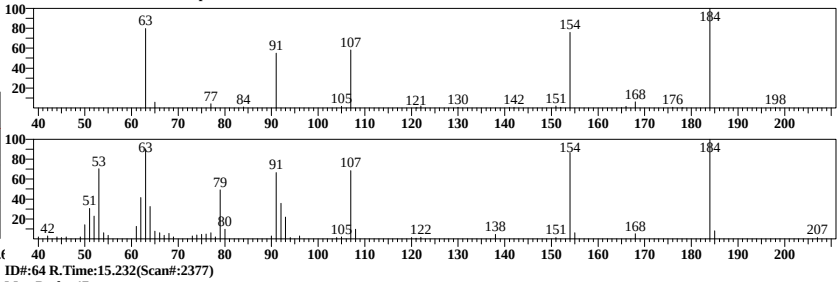
ID#:61 R.Time:14.917(Scan#:2313)
MassPeaks:19
RawMode:Averaged 14.908-14.927(2311-2315)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



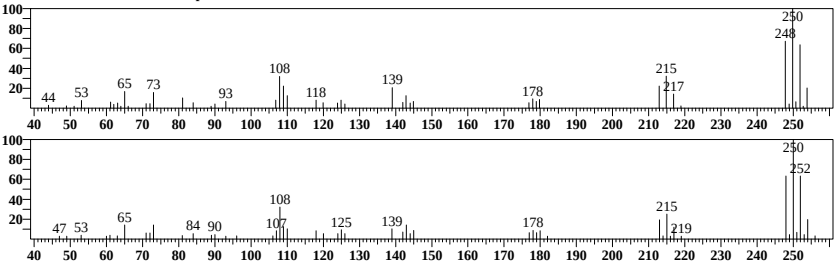
ID#:62 R.Time:15.016(Scan#:2334)
MassPeaks:24
RawMode:Averaged 15.006-15.025(2332-2336)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



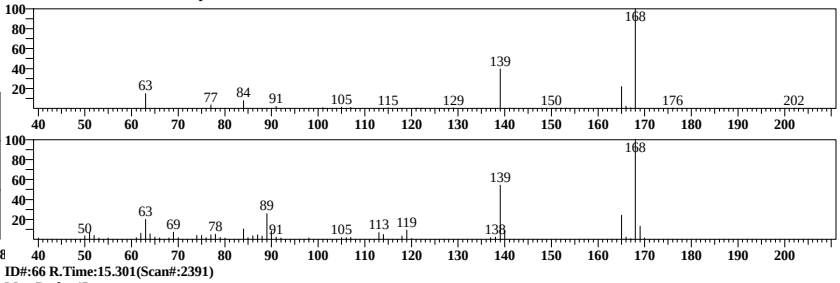
ID#:63 R.Time:15.085(Scan#:2348)
MassPeaks:22
RawMode:Averaged 15.075-15.094(2346-2350)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



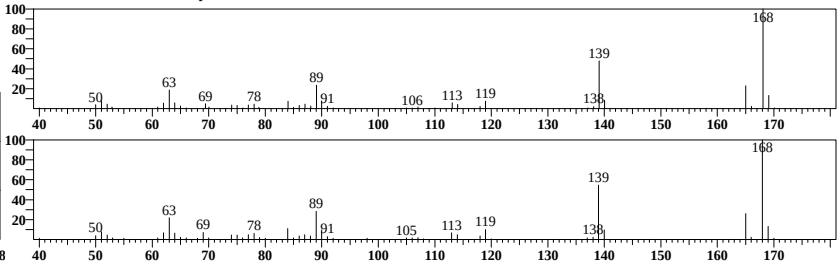
ID#:64 R.Time:15.232(Scan#:2377)
MassPeaks:47
RawMode:Averaged 15.222-15.242(2375-2379)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:65 R.Time:15.301(Scan#:2392)
MassPeaks:24
RawMode:Averaged 15.291-15.311(2390-2394)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



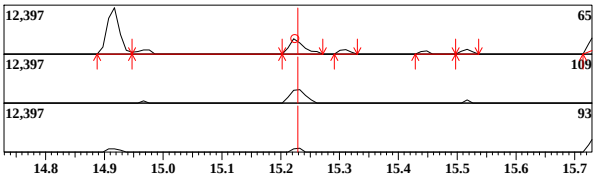
ID#:66 R.Time:15.301(Scan#:2391)
MassPeaks:45
RawMode:Averaged 15.291-15.311(2389-2393)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:67 Name:4-Nitrophenol Type:Target No Manual Integration

Mass:65.00 R.T:15.224 Area:6682 Conc:4.21256ppm
Event:1:Scan SI:66

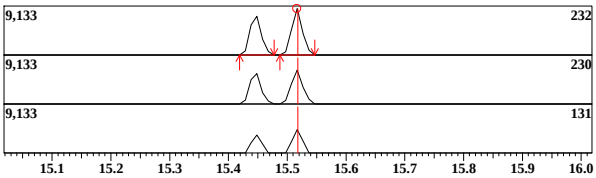
#	m/z	Area	Ratio	Reference
1	109.00	2747	97.72	97.00
2	93.00	633	22.52	21.72



ID#:68 Name:2,3,4,6-Tetrachlorophenol Type:Target No Manual Integration

Mass:232.00 R.T:15.517 Area:11139 Conc:3.78281ppm
Event:1:Scan SI:88

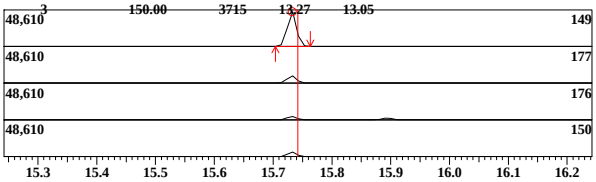
#	m/z	Area	Ratio	Reference
1	230.00	4409	76.35	75.09
2	131.00	2910	50.39	41.75



ID#:69 Name:Diethyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:15.733 Area:51500 Conc:4.27374ppm
Event:1:Scan SI:95

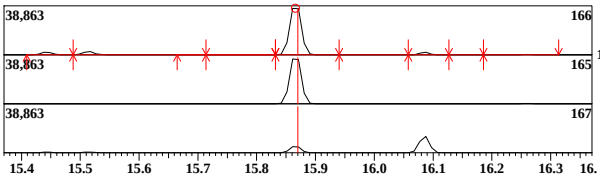
#	m/z	Area	Ratio	Reference
1	177.00	5870	20.97	23.56
2	176.00	2792	9.97	10.95
3	150.00	3715	13.27	13.05



ID#:70 Name:Fluorene Type:Target No Manual Integration

Mass:166.00 R.T:15.866 Area:55855 Conc:4.17062ppm
Event:2:SIM SI:95

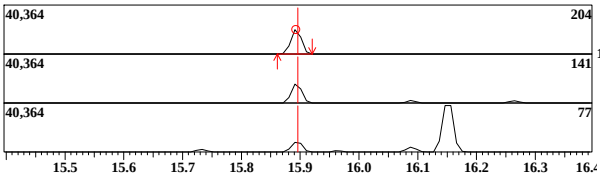
#	m/z	Area	Ratio	Reference
1	165.00	26753	96.13	75.42
2	167.00	3707	13.32	3.39



ID#:71 Name:4-Chlorophenyl phenyl ether Type:Target No Manual Integration

Mass:204.00 R.T:15.893 Area:25549 Conc:4.28529ppm
Event:1:Scan SI:78

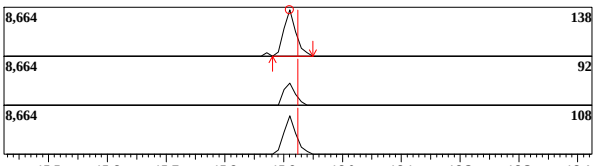
#	m/z	Area	Ratio	Reference
1	141.00	10701	78.78	98.00
2	77.00	5975	43.99	53.19



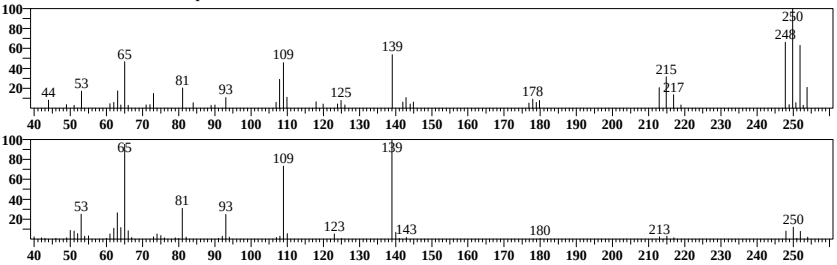
ID#:72 Name:4-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:15.910 Area:12019 Conc:4.05719ppm
Event:1:Scan SI:81

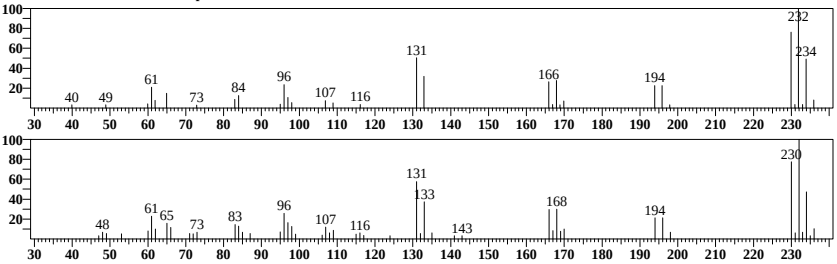
#	m/z	Area	Ratio	Reference
1	92.00	2886	49.39	64.55
2	108.00	4806	82.25	83.01



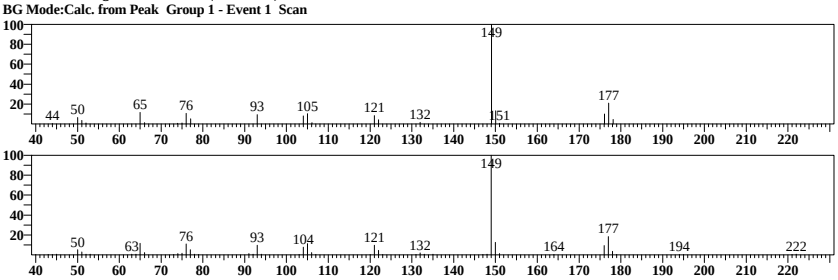
ID#:67 R.Time:15.222(Scan#:2375)
MassPeaks:47
RawMode:Averaged 15.212-15.232(2373-2377)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



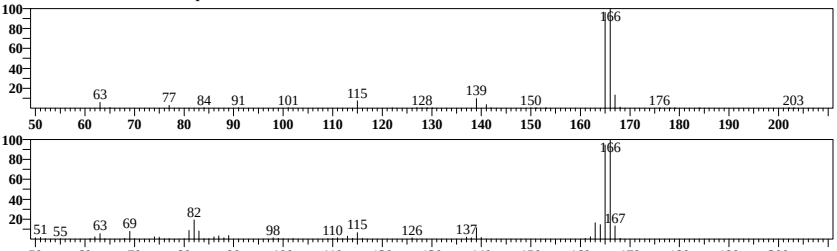
ID#:68 R.Time:15.517(Scan#:2435)
MassPeaks:32
RawMode:Averaged 15.507-15.527(2433-2437)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



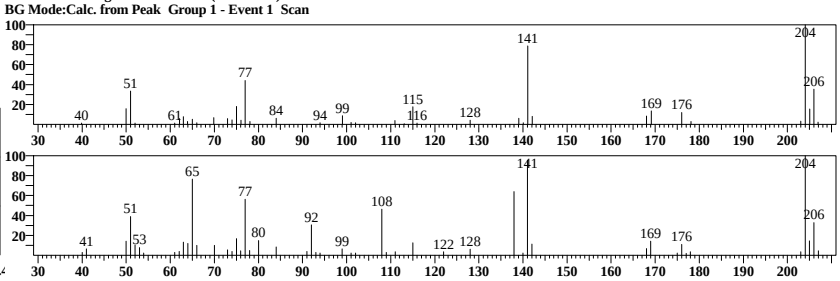
ID#:69 R.Time:15.733(Scan#:2479)
MassPeaks:23
RawMode:Averaged 15.724-15.743(2477-2481)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



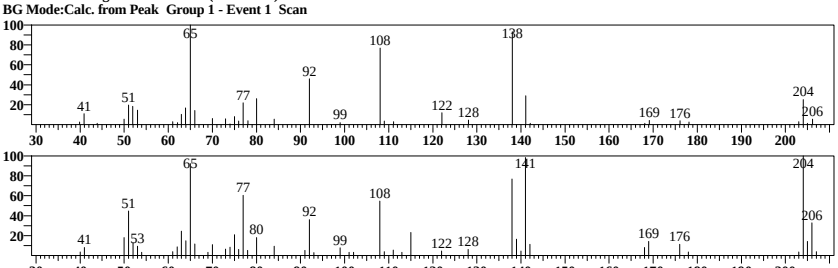
ID#:70 R.Time:15.861(Scan#:2506)
MassPeaks:28
RawMode:Averaged 15.852-15.871(2504-2508)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



ID#:71 R.Time:15.891(Scan#:2511)
MassPeaks:40
RawMode:Averaged 15.881-15.901(2509-2513)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



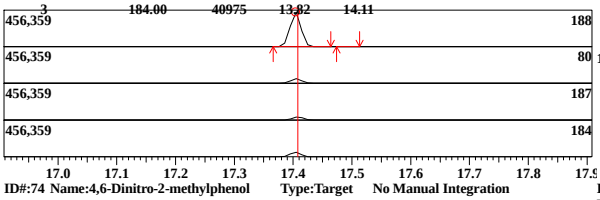
ID#:72 R.Time:15.911(Scan#:2515)
MassPeaks:40
RawMode:Averaged 15.901-15.920(2513-2517)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:73 Name:Phenanthrene-d10 (IS) Type:ISTD No Manual Integration

Mass:188.00 R.T:17.404 Area:569656 Conc:40.00000ppm
Event:1:Scan SI:97

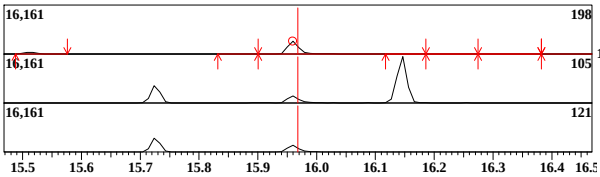
#	m/z	Area	Ratio	Reference
1	80.00	39963	13.48	15.93
2	187.00	26871	9.06	10.00
3	184.00	40975	13.82	14.11



ID#:74 Name:4,6-Dinitro-2-methylphenol Type:Target No Manual Integration

Mass:198.00 R.T:15.959 Area:6235 Conc:4.52987ppm
Event:2:SIM SI:57

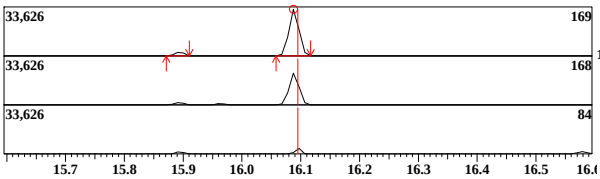
#	m/z	Area	Ratio	Reference
1	105.00	1490	51.75	55.83
2	121.00	1513	52.55	44.01



ID#:75 Name:N-NitrosodiphenylamineType:Target No Manual Integration

Mass:169.00 R.T:16.088 Area:39196 Conc:3.97715ppm
Event:1:Scan SI:94

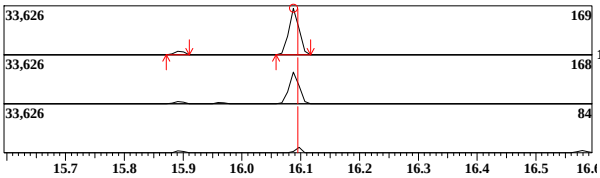
#	m/z	Area	Ratio	Reference
1	168.00	14202	67.93	64.38
2	84.00	1606	7.68	2.92



ID#:76 Name:Diphenylamine Type:Target No Manual Integration

Mass:169.00 R.T:16.088 Area:39196 Conc:3.97715ppm
Event:1:Scan SI:94

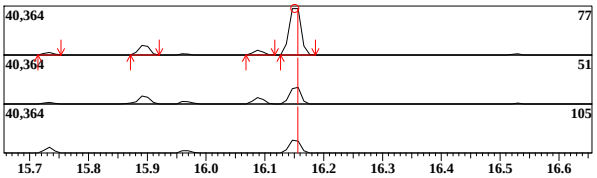
#	m/z	Area	Ratio	Reference
1	168.00	14202	67.93	64.38
2	84.00	1606	7.68	2.92



ID#:77 Name:1,2-Diphenylhydrazine Type:Target No Manual Integration

Mass:77.00 R.T:16.151 Area:55418 Conc:4.19975ppm
Event:1:Scan SI:96

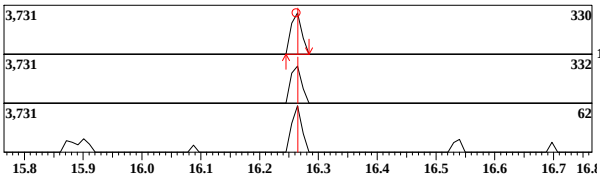
#	m/z	Area	Ratio	Reference
1	51.00	9957	34.76	21.73
2	105.00	7868	27.47	6.07



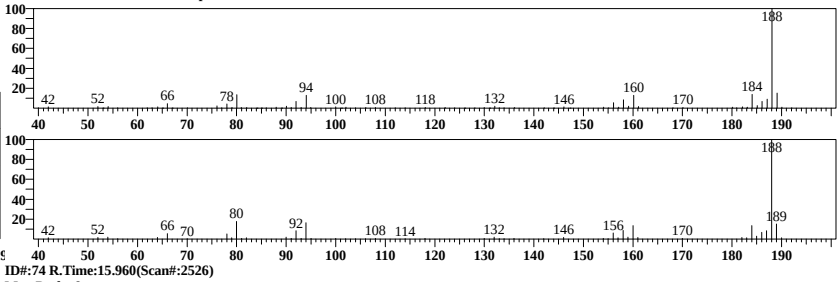
ID#:78 Name:2,4,6-Tribromophenol Type:Surrogate/SMC No Manual Integration

Mass:330.00 R.T:16.262 Area:3992 Conc:5.67780ppm
Event:1:Scan SI:87

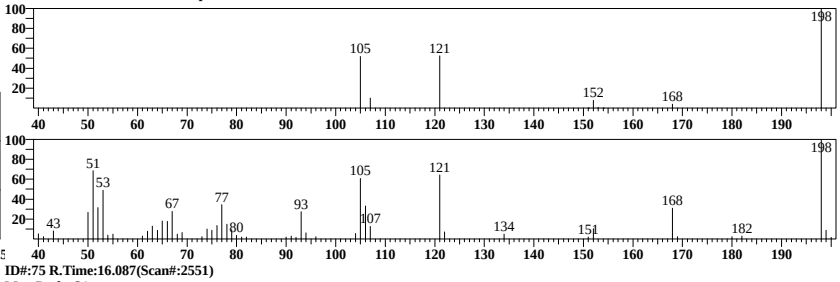
#	m/z	Area	Ratio	Reference
1	332.00	2091	92.73	100.00
2	62.00	2400	106.43	97.00



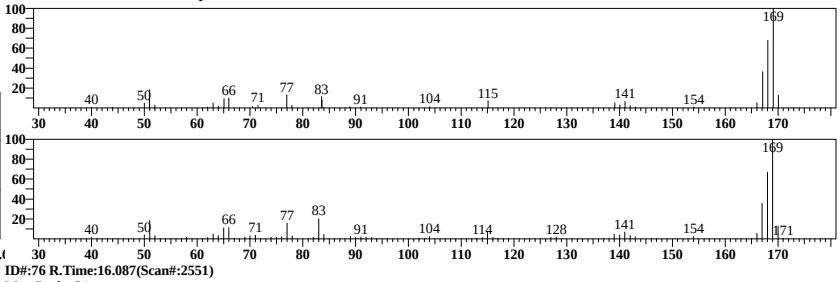
ID#:73 R.Time:17.405(Scan#:2819)
MassPeaks:76
RawMode:Averaged 17.395-17.415(2817-2821)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



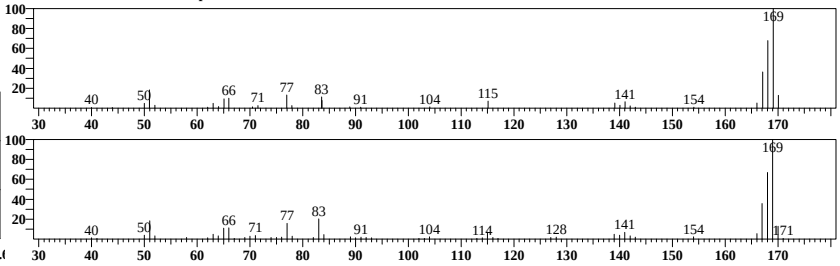
ID#:74 R.Time:15.960(Scan#:2526)
MassPeaks:9
RawMode:Averaged 15.950-15.970(2524-2528)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



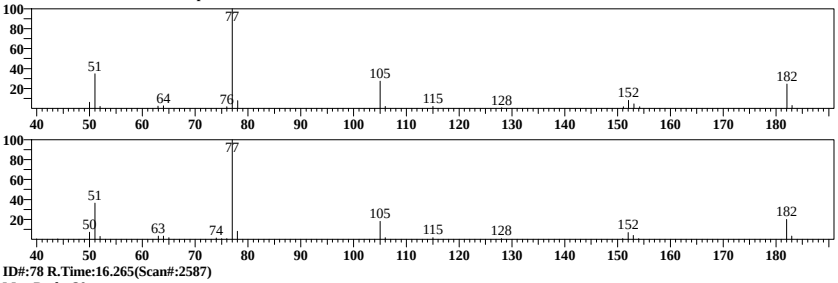
ID#:75 R.Time:16.087(Scan#:2551)
MassPeaks:31
RawMode:Averaged 16.078-16.097(2549-2553)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



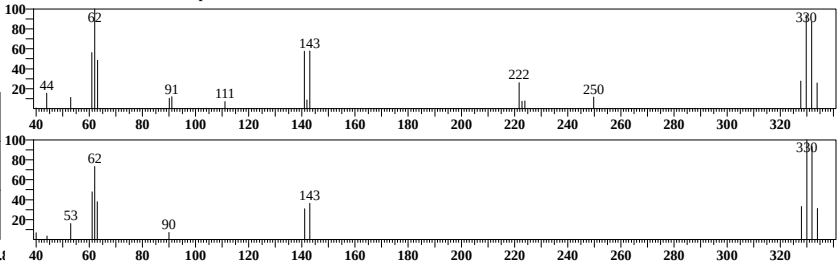
ID#:76 R.Time:16.087(Scan#:2551)
MassPeaks:31
RawMode:Averaged 16.078-16.097(2549-2553)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:77 R.Time:16.147(Scan#:2563)
MassPeaks:18
RawMode:Averaged 16.137-16.156(2561-2565)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



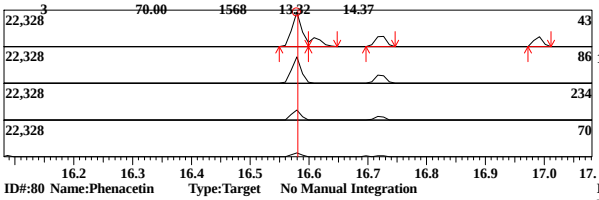
ID#:78 R.Time:16.265(Scan#:2587)
MassPeaks:20
RawMode:Averaged 16.255-16.274(2585-2589)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

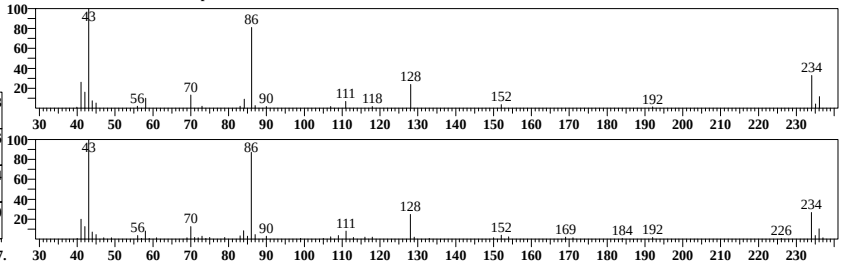


ID#:79 Name:(cis/trans)-Diallate Type:Target Manual Integration Performed
Manual Reason: Split peak.CMN 12/1/2022

Mass:43.00 R.T:16.579 Area:25669 Conc:4.12293ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	86.00	9547	81.08	76.79
2	234.00	3866	32.84	26.39
3	70.00	1568	13.32	14.37



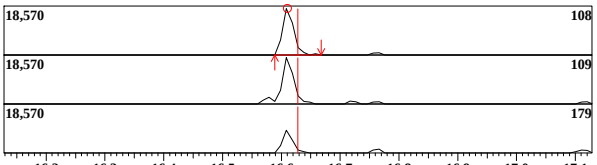


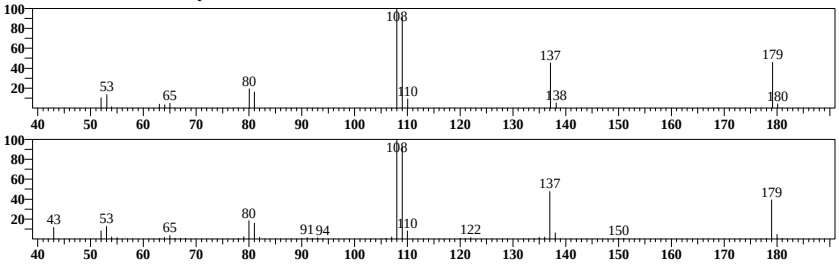
ID#:79 R.Time:16.579(Scan#:2651)
MassPeaks:24
RawMode:Averaged 16.569-16.589(2649-2653)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:80 Name:Phenacetin Type:Target No Manual Integration

Mass:108.00 R.T:16.610 Area:23563 Conc:3.64277ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	109.00	10797	91.02	83.01
2	179.00	5471	46.12	44.31



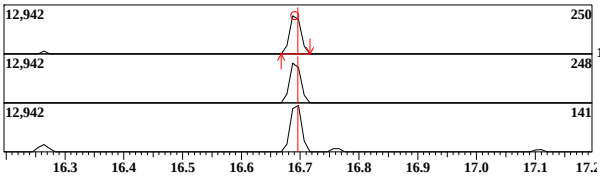


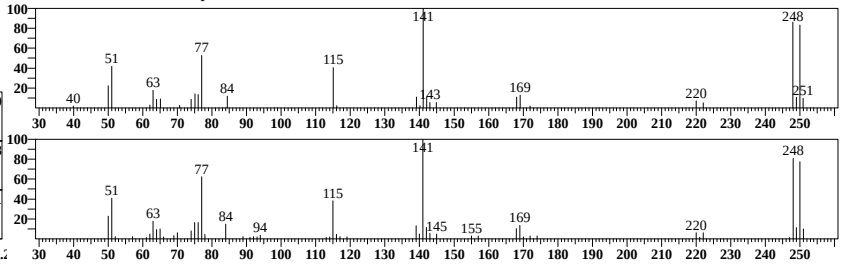
ID#:80 R.Time:16.609(Scan#:2657)
MassPeaks:15
RawMode:Averaged 16.599-16.619(2655-2659)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:81 Name:4-Bromophenyl phenyl ether Type:Target No Manual Integration

Mass:250.00 R.T:16.691 Area:13924 Conc:4.25693ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	248.00	7421	103.31	105.86
2	141.00	8626	120.09	137.00



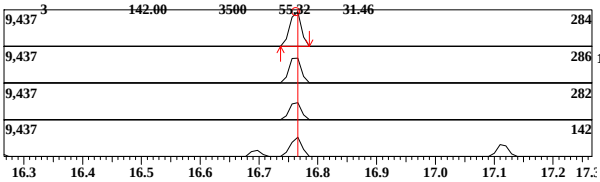


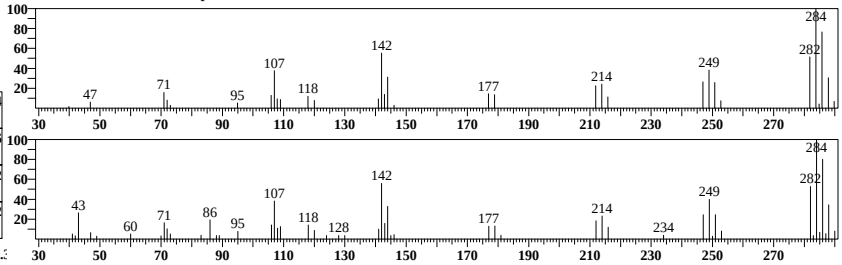
ID#:81 R.Time:16.687(Scan#:2673)
MassPeaks:30
RawMode:Averaged 16.677-16.697(2671-2675)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:82 Name:Hexachlorobenzene Type:Target No Manual Integration

Mass:284.00 R.T:16.763 Area:12343 Conc:4.13993ppm
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	286.00	4847	76.61	79.72
2	282.00	3257	51.48	51.93
3	142.00	3500	55.32	31.46



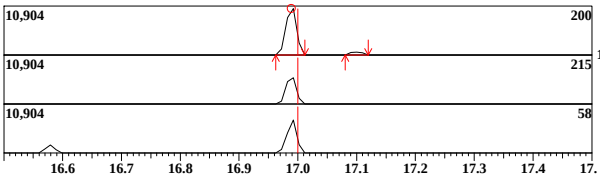


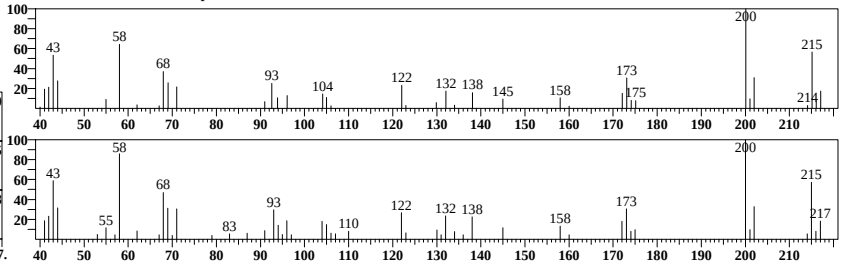
ID#:82 R.Time:16.766(Scan#:2689)
MassPeaks:32
RawMode:Averaged 16.756-16.776(2687-2691)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:83 Name:Atrazine Type:Target No Manual Integration

Mass:200.00 R.T:16.989 Area:13484 Conc:4.09106ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	215.00	4059	56.73	59.43
2	58.00	4601	64.31	64.00



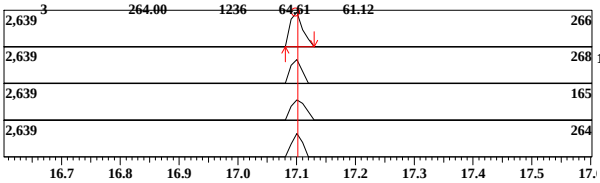


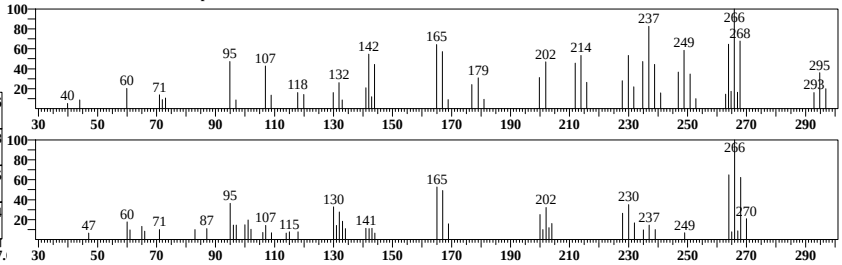
ID#:83 R.Time:16.992(Scan#:2735)
MassPeaks:39
RawMode:Averaged 16.982-17.002(2733-2737)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:84 Name:Pentachlorophenol Type:Target No Manual Integration

Mass:266.00 R.T:17.098 Area:3726 Conc:5.32433ppm
Event:1:Scan SI:65

#	m/z	Area	Ratio	Reference
1	268.00	1298	67.85	59.97
2	165.00	1228	64.19	41.42
3	264.00	1236	64.61	61.12



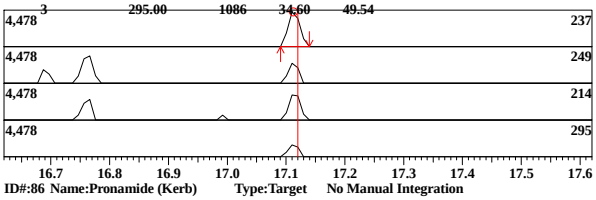


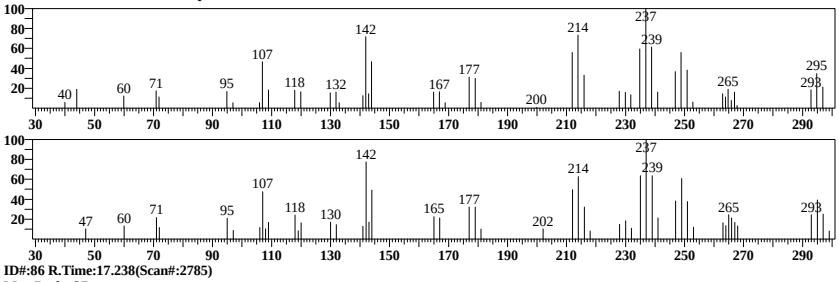
ID#:84 R.Time:17.100(Scan#:2757)
MassPeaks:50
RawMode:Averaged 17.090-17.110(2755-2759)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:85 Name:Pentachloronitrobenzene Type:Target No Manual Integration

Mass:237.00 R.T:17.113 Area:6145 Conc:3.94764ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	249.00	1752	55.81	68.26
2	214.00	2300	73.27	62.54
3	295.00	1086	34.60	49.54

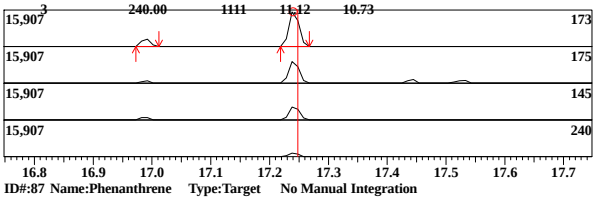


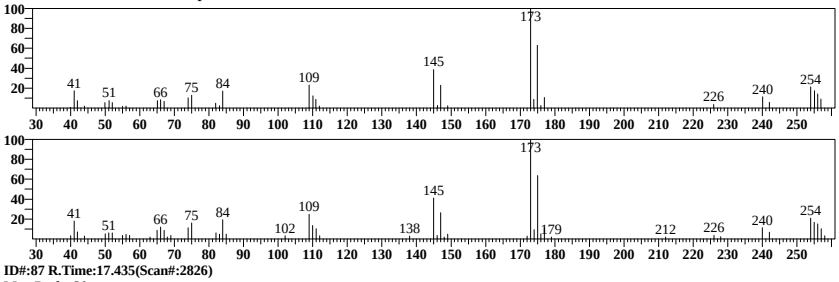


ID#:86 Name:Pronamide (Kerb) Type:Target No Manual Integration

Mass:173.00 R.T:17.240 Area:18766 Conc:3.89300ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	175.00	6290	62.97	60.85
2	145.00	3842	38.46	30.82
3	240.00	1111	11.12	10.73

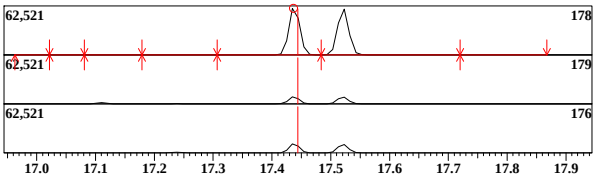


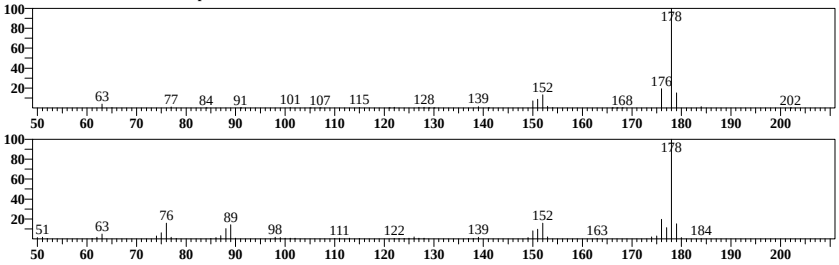


ID#:87 Name:Phenanthrene Type:Target No Manual Integration

Mass:178.00 R.T:17.437 Area:81612 Conc:4.30283ppm
Event:2:SIM SI:84

#	m/z	Area	Ratio	Reference
1	179.00	6310	15.19	15.63
2	176.00	7961	19.17	18.75

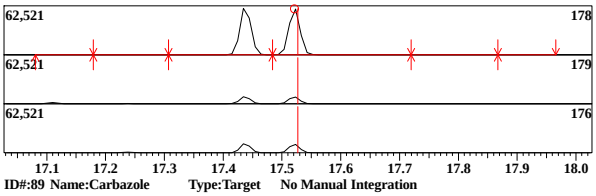


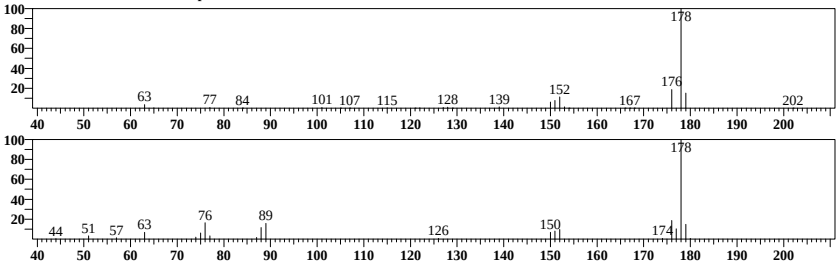


ID#:88 Name:Anthracene Type:Target No Manual Integration

Mass:178.00 R.T:17.522 Area:80764 Conc:4.09251ppm
Event:2:SIM SI:94

#	m/z	Area	Ratio	Reference
1	179.00	6249	15.12	12.08
2	176.00	7678	18.57	20.60

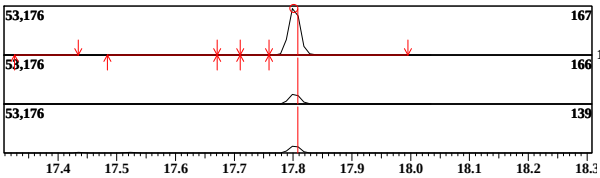


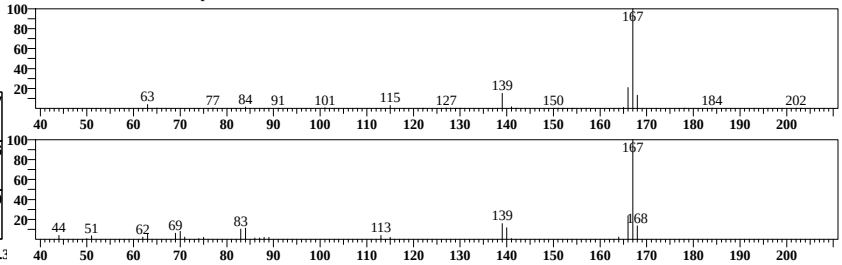


ID#:89 Name:Carbazole Type:Target No Manual Integration

Mass:167.00 R.T:17.801 Area:73492 Conc:4.18419ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	166.00	7690	20.97	20.96
2	139.00	5530	15.08	12.92

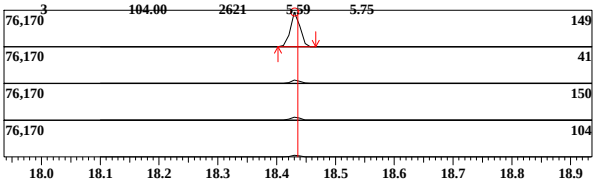


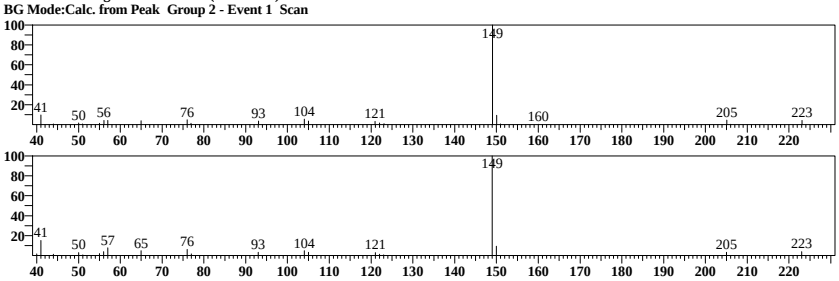


ID#:90 Name:Di-n-butyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:18.431 Area:82954 Conc:4.00480ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	41.00	4591	9.79	10.41
2	150.00	4300	9.17	8.84
3	104.00	2621	5.59	5.75





ID#:85 R.Time:17.110(Scan#:2759)
MassPeaks:49
RawMode:Averaged 17.100-17.120(2757-2761)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:86 R.Time:17.238(Scan#:2785)
MassPeaks:37
RawMode:Averaged 17.228-17.248(2783-2787)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:87 R.Time:17.435(Scan#:2826)
MassPeaks:30
RawMode:Averaged 17.425-17.445(2824-2828)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM

ID#:88 R.Time:17.523(Scan#:2844)
MassPeaks:26
RawMode:Averaged 17.513-17.533(2842-2846)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM

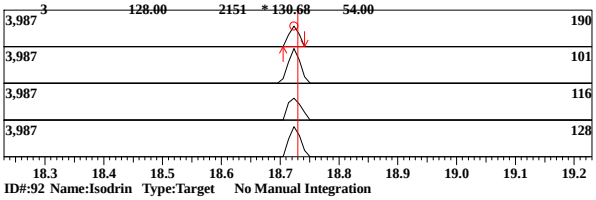
ID#:89 R.Time:17.799(Scan#:2900)
MassPeaks:27
RawMode:Averaged 17.789-17.808(2898-2902)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM

ID#:90 R.Time:18.430(Scan#:3021)
MassPeaks:23
RawMode:Averaged 18.421-18.439(3019-3023)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan

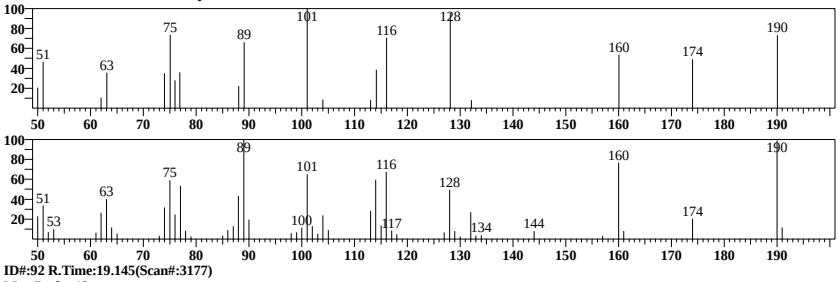
ID#:91 Name:4-Nitroquinoline-N-Oxide Type:Target No Manual Integration

Mass:190.00 R.T:18.723 Area:2716 Conc:5.60867ppm
Event:1:Scan SI:80

#	m/z	Area	Ratio	Reference
1	101.00	2255	* 137.00	71.00
2	116.00	1585	96.29	70.00
3	128.00	2151	* 130.68	54.00

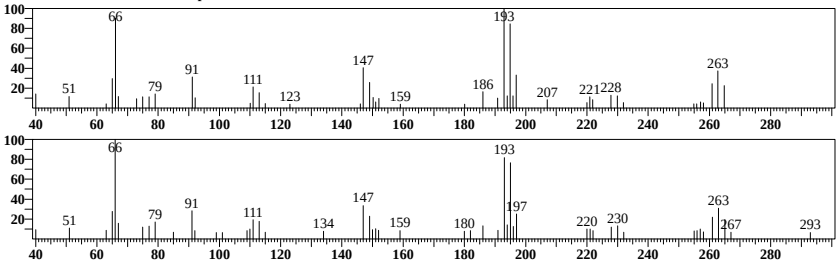


ID#:91 R.Time:18.723(Scan#:3085)
MassPeaks:20
RawMode:Averaged 18.714-18.733(3083-3087)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



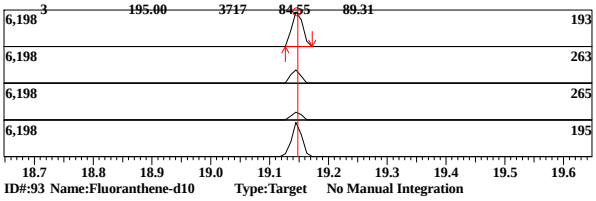
ID#:92 Name:Isodrin Type:Target No Manual Integration

ID#:92 R.Time:19.145(Scan#:3177)
MassPeaks:46
RawMode:Averaged 19.136-19.154(3175-3179)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



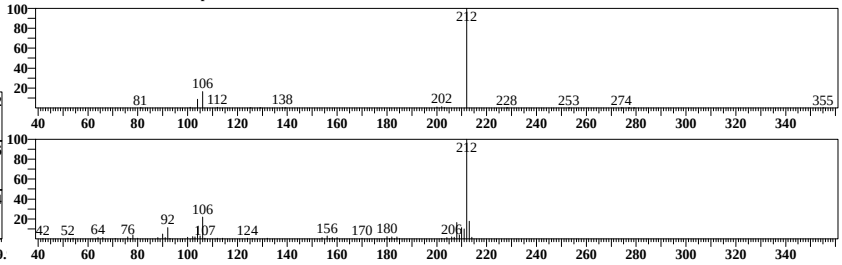
Mass:193.00 R.T:19.147 Area:7763 Conc:4.14112ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	263.00	1636	37.22	42.74
2	265.00	993	22.59	29.49
3	195.00	3717	84.55	89.31



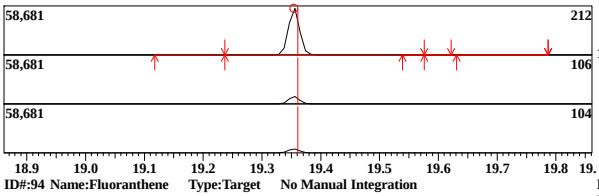
ID#:93 Name:Fluoranthene-d10 Type:Target No Manual Integration

ID#:93 R.Time:19.356(Scan#:3224)
MassPeaks:19
RawMode:Averaged 19.347-19.365(3222-3226)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



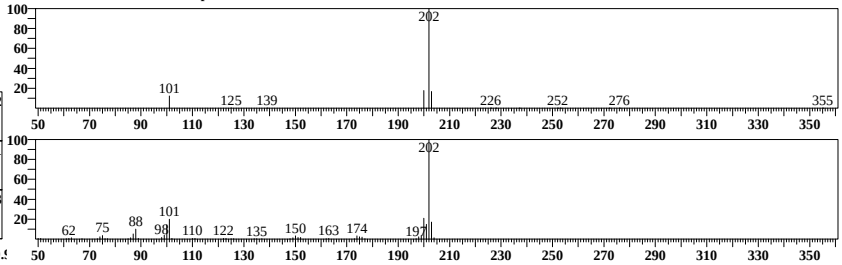
Mass:212.00 R.T:19.354 Area:76803 Conc:4.34731ppm
Event:2:SIM SI:94

#	m/z	Area	Ratio	Reference
1	106.00	6647	16.27	22.08
2	104.00	3516	8.61	12.34



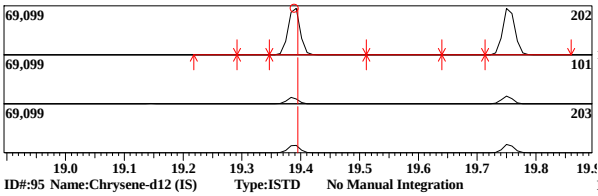
ID#:94 Name:Fluoranthene Type:Target No Manual Integration

ID#:94 R.Time:19.392(Scan#:3232)
MassPeaks:14
RawMode:Averaged 19.383-19.402(3230-3234)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



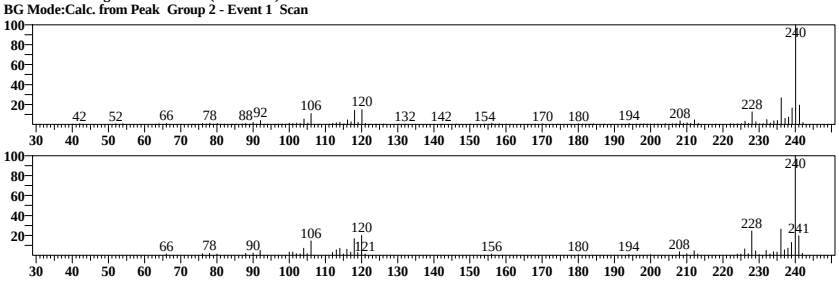
Mass:202.00 R.T:19.389 Area:96807 Conc:4.16244ppm
Event:2:SIM SI:94

#	m/z	Area	Ratio	Reference
1	101.00	6072	12.23	14.12
2	203.00	8226	16.57	6.47



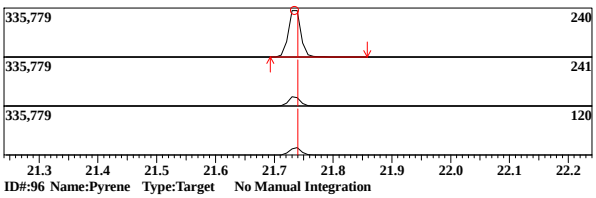
ID#:95 Name:Chrysene-d12 (IS) Type:ISTD No Manual Integration

ID#:95 R.Time:21.730(Scan#:3741)
MassPeaks:117
RawMode:Averaged 21.721-21.739(3739-3743)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



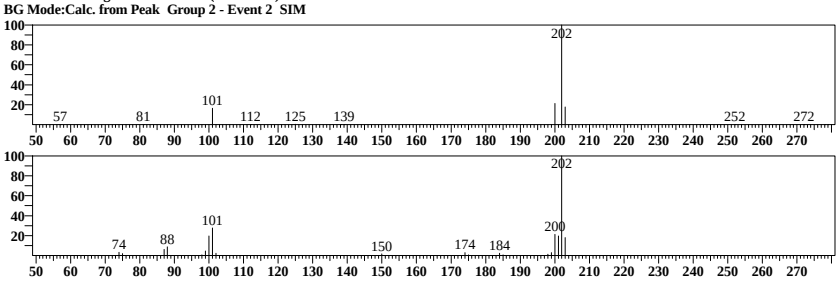
Mass:240.00 R.T:21.734 Area:491197 Conc:40.00000ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	241.00	47520	19.15	19.13
2	120.00	36397	14.66	14.79



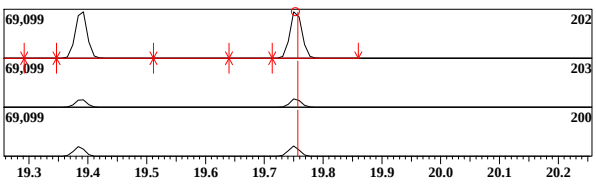
ID#:96 Name:Pyrene Type:Target No Manual Integration

ID#:96 R.Time:19.750(Scan#:3310)
MassPeaks:14
RawMode:Averaged 19.741-19.759(3308-3312)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



Mass:202.00 R.T:19.753 Area:96170 Conc:4.16836ppm
Event:2:SIM SI:95

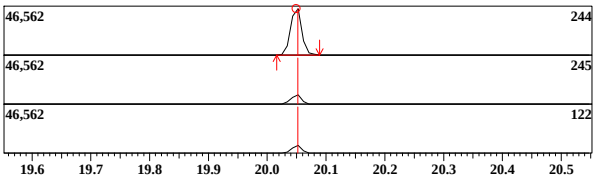
#	m/z	Area	Ratio	Reference
1	203.00	8645	17.53	18.13
2	200.00	10449	21.19	4.68



ID#:97 Name:p-Terphenyl-d14Type:Surrogate/SMC No Manual Integration

Mass:244.00 R.T:20.050 Area:59708 Conc:4.08430ppm
Event:1:Scan SI:81

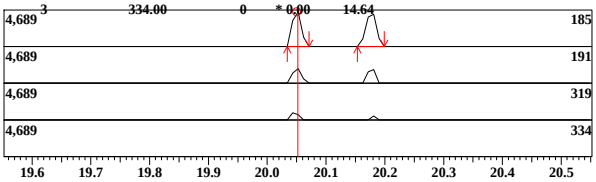
#	m/z	Area	Ratio	Reference
1	245.00	5977	18.84	19.16
2	122.00	4878	15.38	13.22



ID#:98 Name:Aramite A Type:Target No Manual Integration

Mass:185.00 R.T:20.050 Area:4956 Conc:2.52517ppm
Event:1:Scan SI:43

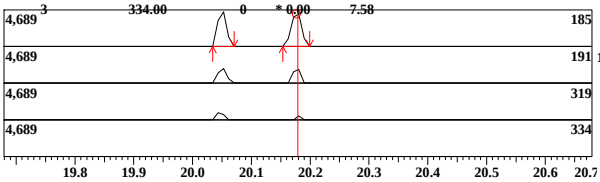
#	m/z	Area	Ratio	Reference
1	191.00	1249	41.59	44.95
2	319.00	541	18.02	34.11
3	334.00	0	* 0.00	14.64



ID#:99 Name:Aramite B Type:Target No Manual Integration

Mass:185.00 R.T:20.177 Area:5497 Conc:1.87417ppm
Event:1:Scan SI:85

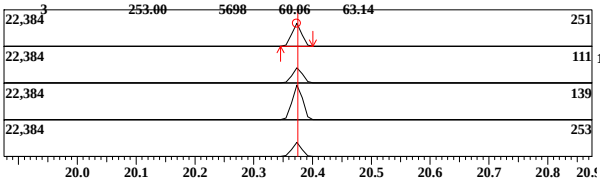
#	m/z	Area	Ratio	Reference
1	191.00	1063	35.49	42.53
2	319.00	167	5.58	13.52
3	334.00	0	* 0.00	7.58



ID#:100 Name:Chlorobenzilate Type:Target No Manual Integration

Mass:251.00 R.T:20.373 Area:16701 Conc:3.69692ppm
Event:1:Scan SI:94

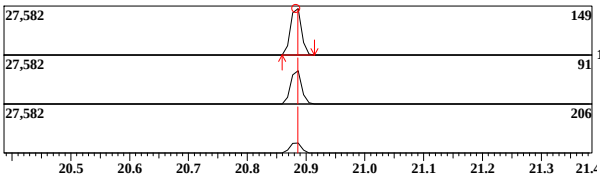
#	m/z	Area	Ratio	Reference
1	111.00	6414	67.61	55.84
2	139.00	14951	157.60	178.00
3	253.00	5698	60.06	63.14



ID#:101 Name:Butyl benzyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:20.883 Area:34807 Conc:3.97956ppm
Event:1:Scan SI:91

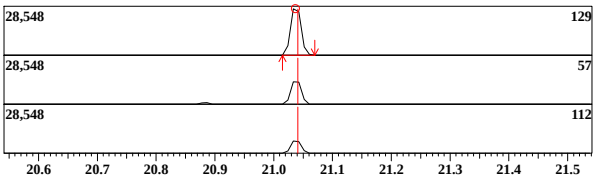
#	m/z	Area	Ratio	Reference
1	91.00	13549	70.85	92.95
2	206.00	4319	22.58	26.43



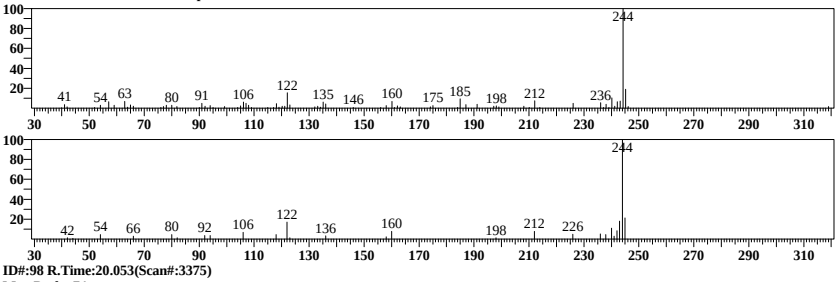
ID#:102 Name:Di(2-ethylhexyl) adipate Type:Target No Manual Integration

Mass:129.00 R.T:21.037 Area:35256 Conc:3.74347ppm
Event:1:Scan SI:96

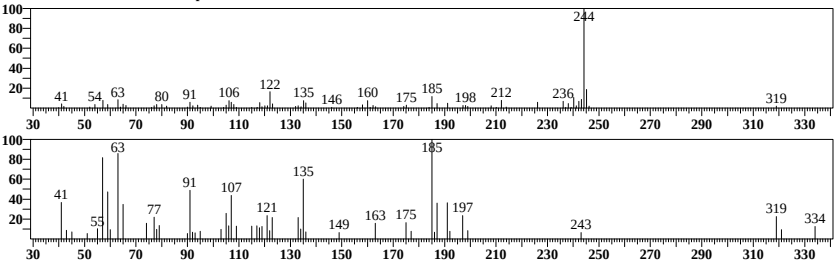
#	m/z	Area	Ratio	Reference
1	57.00	9566	49.17	40.00
2	112.00	5115	26.29	27.60



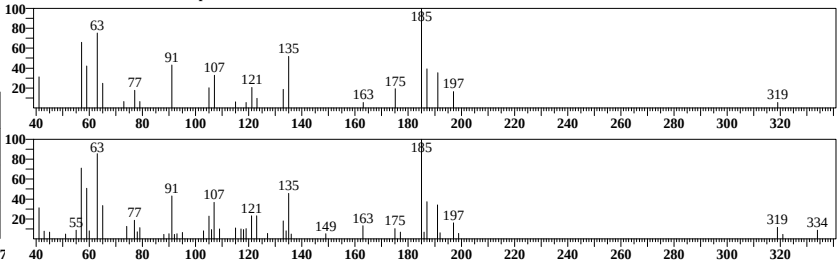
ID#:97 R.Time:20.053(Scan#:3375)
MassPeaks:74
RawMode:Averaged 20.043-20.062(3373-3377)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



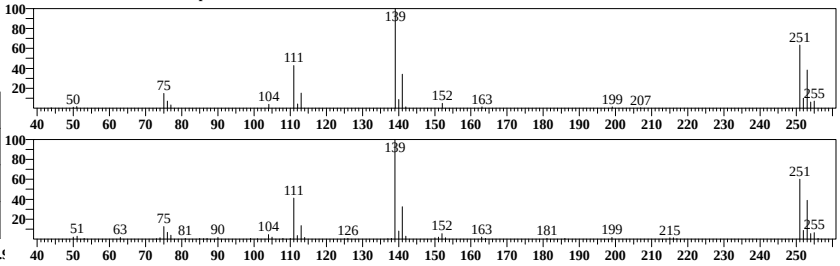
ID#:98 R.Time:20.053(Scan#:3375)
MassPeaks:74
RawMode:Averaged 20.043-20.062(3373-3377)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



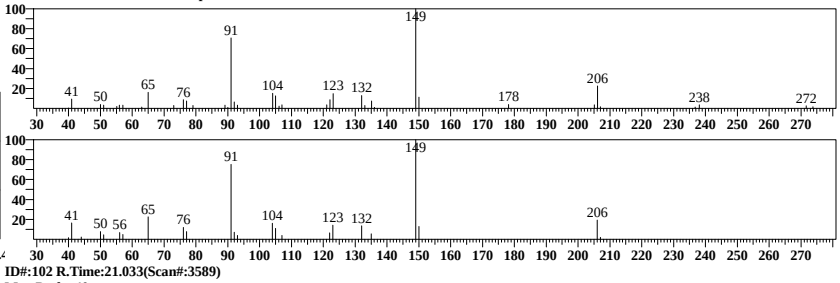
ID#:99 R.Time:20.181(Scan#:3403)
MassPeaks:24
RawMode:Averaged 20.172-20.190(3401-3405)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



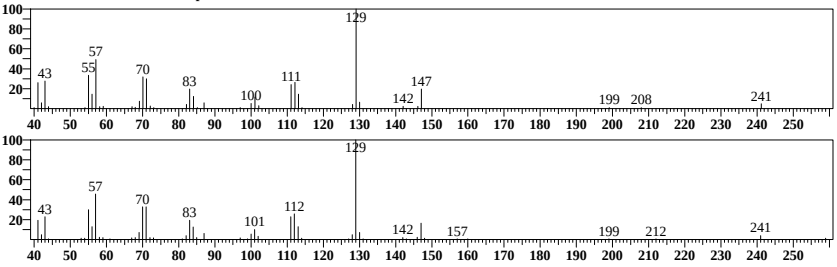
ID#:100 R.Time:20.373(Scan#:3445)
MassPeaks:23
RawMode:Averaged 20.364-20.383(3443-3447)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



ID#:101 R.Time:20.887(Scan#:3557)
MassPeaks:39
RawMode:Averaged 20.878-20.896(3555-3559)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



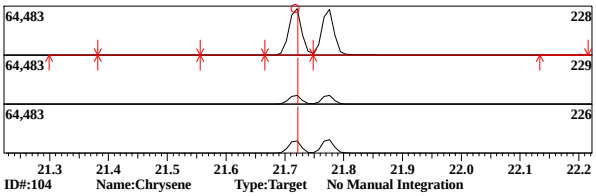
ID#:102 R.Time:21.033(Scan#:3589)
MassPeaks:40
RawMode:Averaged 21.024-21.043(3587-3591)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



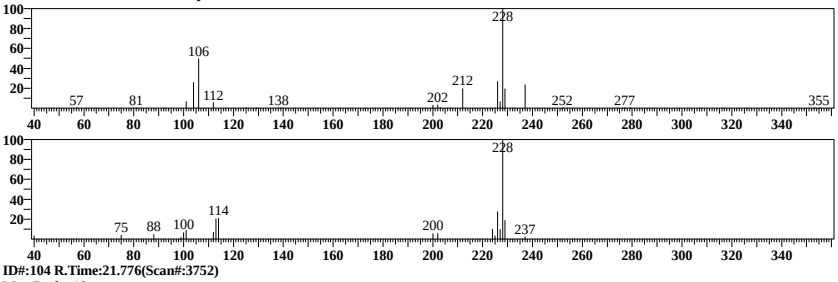
ID#:103 Name:Benzo[a]anthracene Type:Target No Manual Integration

Mass:228.00 R.T:21.718 Area:93248 Conc:4.48461ppm
Event:2:SIM SI:51

#	m/z	Area	Ratio	Reference
1	229.00	8640	19.19	27.13
2	226.00	12089	26.85	24.70



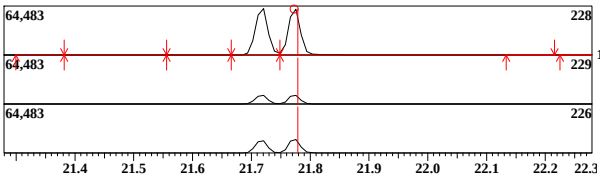
ID#:103 R.Time:21.721(Scan#:3740)
MassPeaks:26
RawMode:Averaged 21.712-21.730(3738-3742)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



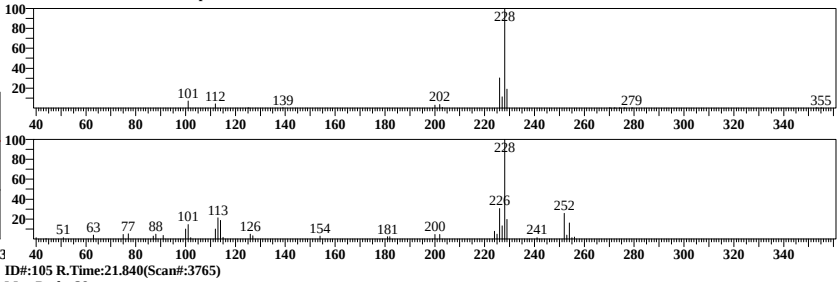
ID#:104 Name:Chrysene Type:Target No Manual Integration

Mass:228.00 R.T:21.773 Area:89379 Conc:4.30606ppm
Event:2:SIM SI:81

#	m/z	Area	Ratio	Reference
1	229.00	8233	19.12	27.13
2	226.00	12960	30.10	24.70



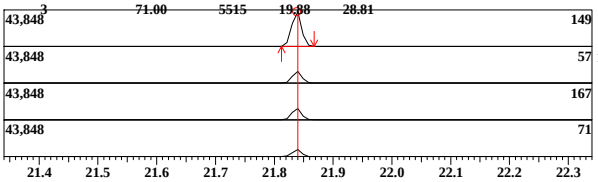
ID#:104 R.Time:21.776(Scan#:3752)
MassPeaks:18
RawMode:Averaged 21.767-21.785(3750-3754)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



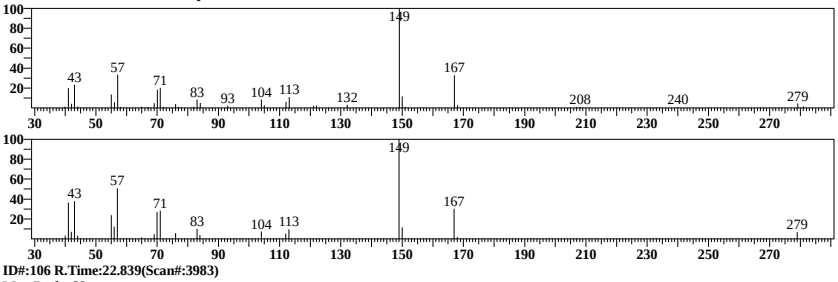
ID#:105 Name:Bis(2-Ethylhexyl) phthalate Type:Target No Manual Integration

Mass:149.00 R.T:21.838 Area:49289 Conc:3.84080ppm
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	57.00	9160	33.01	45.69
2	167.00	9039	32.57	32.70
3	71.00	5515	19.88	28.81



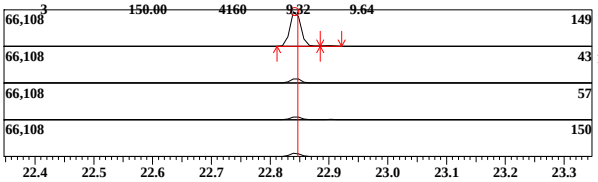
ID#:105 R.Time:21.840(Scan#:3765)
MassPeaks:38
RawMode:Averaged 21.831-21.849(3763-3767)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



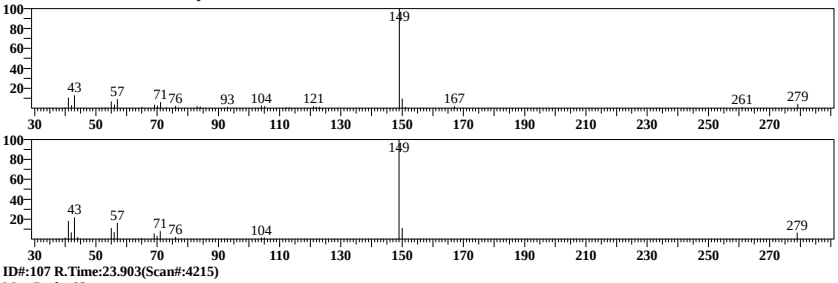
ID#:106 Name:Di-n-octyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:22.842 Area:84424 Conc:3.94009ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	43.00	5583	12.50	13.63
2	57.00	3912	8.76	13.85
3	150.00	4160	9.32	9.64



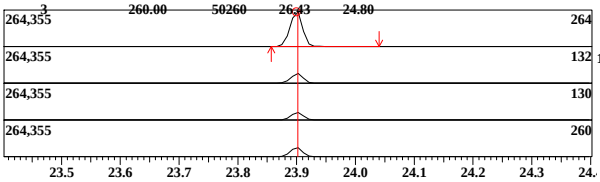
ID#:106 R.Time:22.839(Scan#:3983)
MassPeaks:32
RawMode:Averaged 22.830-22.848(3981-3985)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



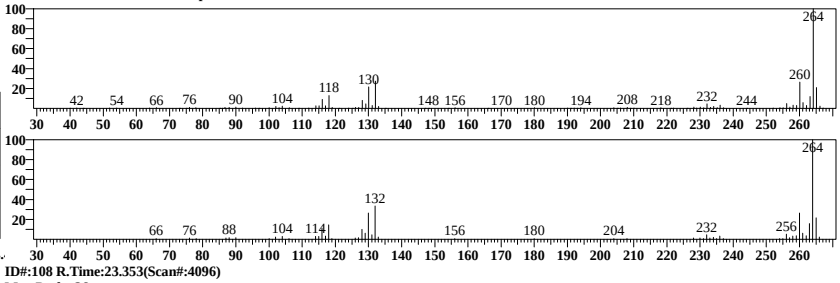
ID#:107 Name:Perylene-d12 (IS) Type:ISTD No Manual Integration

Mass:264.00 R.T:23.900 Area:384172 Conc:40.00000ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	132.00	52092	27.40	20.63
2	130.00	40902	21.51	16.36
3	260.00	50260	26.43	24.80



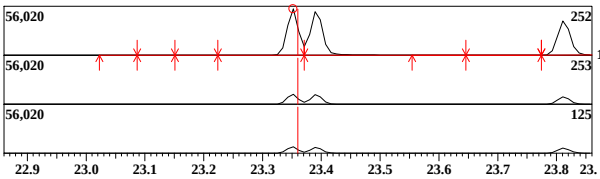
ID#:107 R.Time:23.903(Scan#:4215)
MassPeaks:92
RawMode:Averaged 23.893-23.912(4213-4217)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



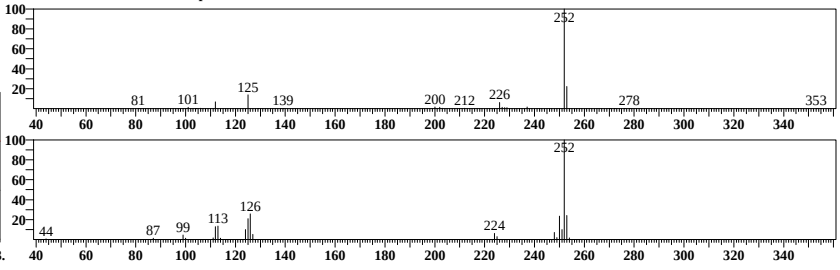
ID#:108 Name:Benzo[b]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.352 Area:73828 Conc:3.88112ppm
Event:2:SIM SI:76

#	m/z	Area	Ratio	Reference
1	253.00	6496	22.08	24.52
2	125.00	4084	13.88	21.64



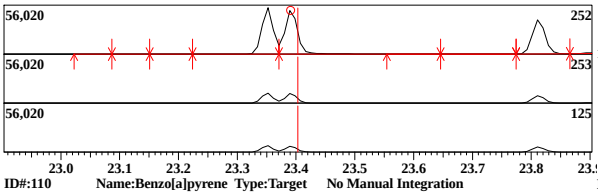
ID#:108 R.Time:23.353(Scan#:4096)
MassPeaks:26
RawMode:Averaged 23.343-23.362(4094-4098)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



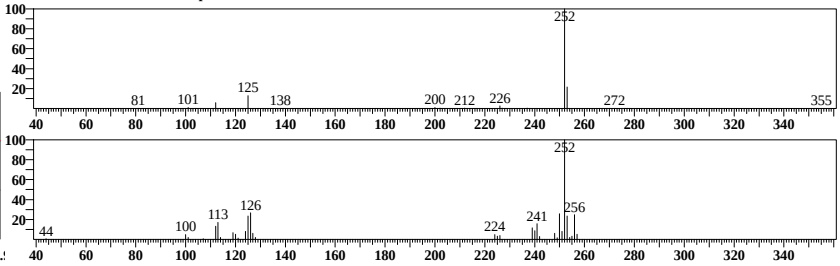
ID#:109 Name:Benzo[k]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.391 Area:75402 Conc:4.15942ppm
Event:2:SIM SI:78

#	m/z	Area	Ratio	Reference
1	253.00	6155	21.55	24.52
2	125.00	3696	12.94	21.64



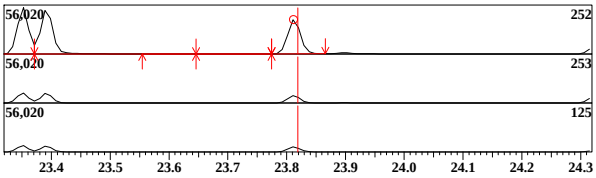
ID#:109 R.Time:23.389(Scan#:4104)
MassPeaks:26
RawMode:Averaged 23.380-23.398(4102-4106)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



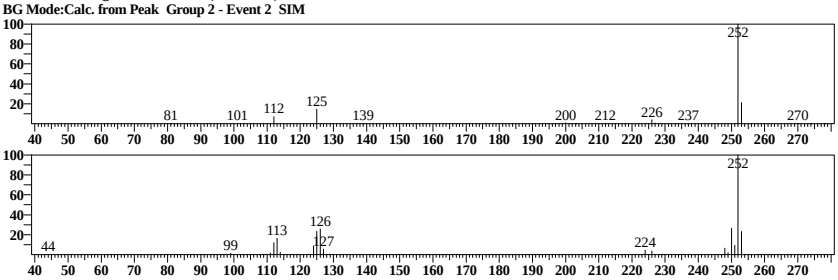
ID#:110 Name:Benzo[a]pyrene Type:Target No Manual Integration

Mass:252.00 R.T:23.812 Area:59738 Conc:4.01736ppm
Event:2:SIM SI:93

#	m/z	Area	Ratio	Reference
1	253.00	6405	21.33	24.52
2	125.00	4381	14.59	21.64



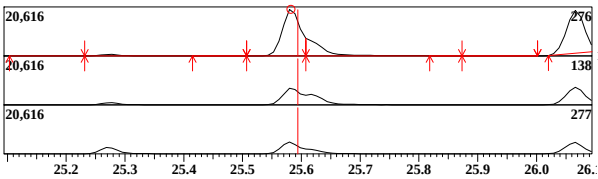
ID#:110 R.Time:23.811(Scan#:4196)
MassPeaks:17
RawMode:Averaged 23.802-23.820(4194-4198)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



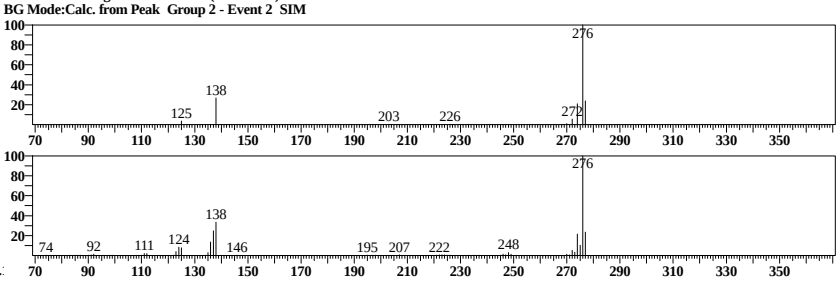
ID#:111 Name:Indeno(1,2,3-cd)pyrene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/1/2022

Mass:276.00 R.T:25.582 Area:42769 Conc:4.42517ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	138.00	3086	26.68	6.67
2	277.00	2755	23.82	14.17



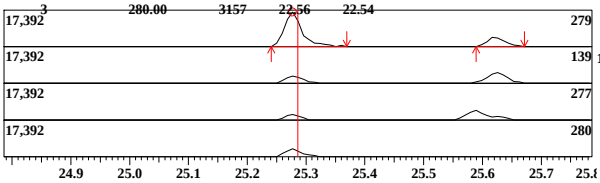
ID#:111 R.Time:25.580(Scan#:4582)
MassPeaks:10
RawMode:Averaged 25.571-25.589(4580-4584)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



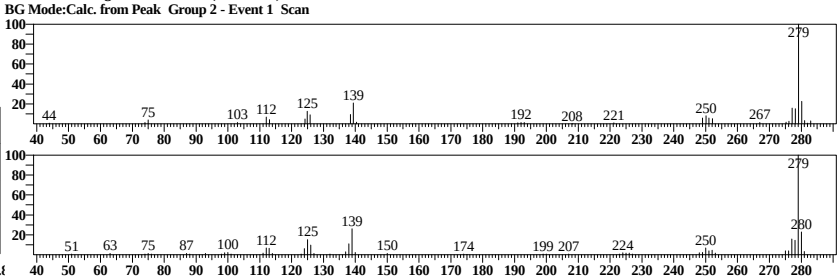
ID#:113 Name:Dibenz(a,j)Acridine Type:Target No Manual Integration

Mass:279.00 R.T:25.277 Area:35695 Conc:3.66360ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	139.00	2946	21.05	9.49
2	277.00	2226	15.91	15.01
3	280.00	3157	22.56	22.54



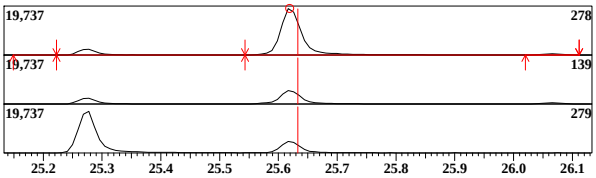
ID#:113 R.Time:25.278(Scan#:4515)
MassPeaks:31
RawMode:Averaged 25.268-25.287(4513-4517)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



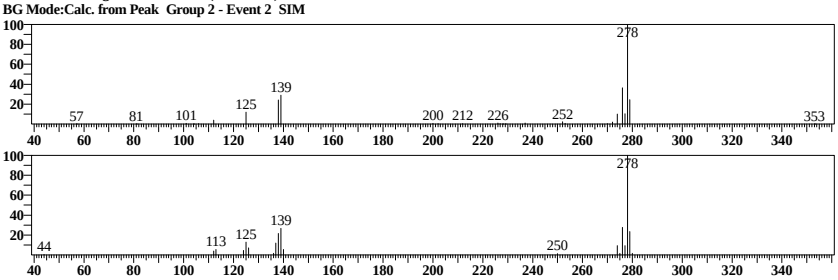
ID#:114 Name:Dibenzo[a,h]anthracene Type:Target No Manual Integration

Mass:278.00 R.T:25.619 Area:47721 Conc:4.39104ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	139.00	4722	28.91	7.75
2	279.00	3994	24.45	25.58



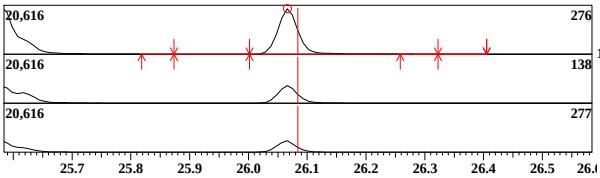
ID#:114 R.Time:25.617(Scan#:4590)
MassPeaks:27
RawMode:Averaged 25.608-25.626(4588-4592)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



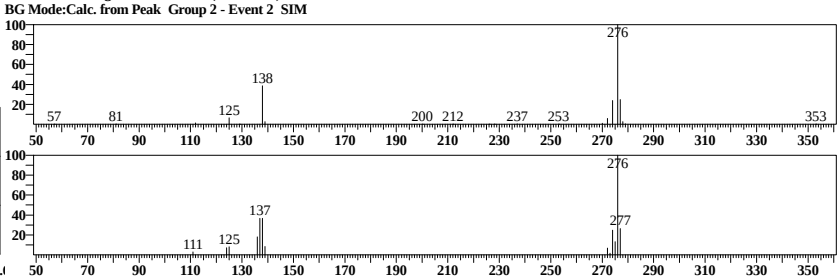
ID#:115 Name:Benzo[g,h,i]perylene Type:Target No Manual Integration

Mass:276.00 R.T:26.067 Area:46458 Conc:3.95884ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	138.00	6544	38.72	25.00
2	277.00	4167	24.65	21.09



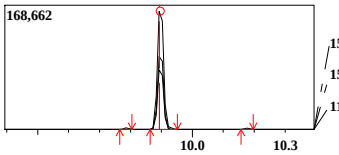
ID#:115 R.Time:26.066(Scan#:4688)
MassPeaks:21
RawMode:Averaged 26.057-26.075(4686-4690)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



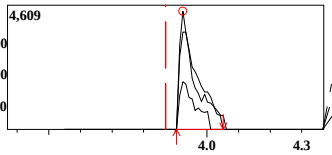
Before Manual Integrations

Analyst: CMN **Instr: J7H** **Trace Number: SVOC-BO45-F14-Y**
Method: 8270C/D/E/625.1 **Batch:**
Sample ID: A ICAL3 **Data File: C:\GCMSsolution\Data\221130H006.qgd**
Date: 11/30/2022 **Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm**
Time: 18:55:08 **Sample Name: A ICAL3**
Dilution: 1

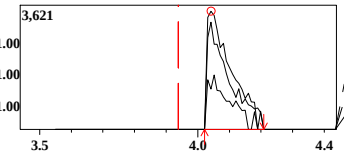
ID#:1 **Name:1,4-Dichlorobenzene-d4 (IS)**
Mass:150.00 **Type:ISTD**
R.T:9.896 **Area:234291** **Conc:40.00000ppm**



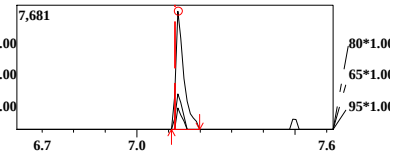
ID#:2 **Name:N-Nitrosodimethylamine**
Mass:74.00 **Type:Target**
R.T:3.925 **Area:16644** **Conc:4.45168ppm**



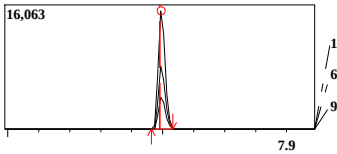
ID#:3 **Name:Pyridine**
Mass:79.00 **Type:Target**
R.T:4.042 **Area:18504** **Conc:4.26593ppm**



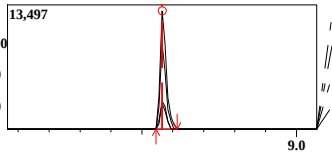
ID#:4 **Name:Methyl methanesulfonate**
Mass:80.00 **Type:Target**
R.T:7.132 **Area:13083** **Conc:4.44053ppm**



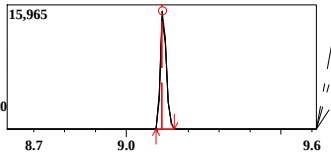
ID#:5 **Name:2-Fluorophenol**
Mass:112.00 **Type:Surrogate/SMC**
R.T:7.496 **Area:23974** **Conc:3.57522ppm**



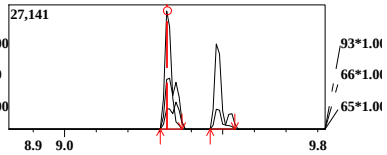
ID#:6 **Name:Ethyl methanesulfonate**
Mass:79.00 **Type:Target**
R.T:8.567 **Area:18297** **Conc:4.25436ppm**



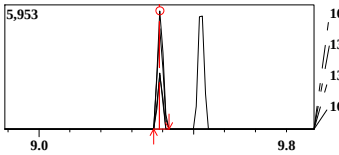
ID#:7 **Name:Benzaldehyde**
Mass:106.00 **Type:Target**
R.T:9.118 **Area:21020** **Conc:3.74796ppm**



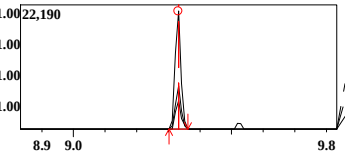
ID#:8 **Name:Aniline**
Mass:93.00 **Type:Target**
R.T:9.325 **Area:37947** **Conc:4.01711ppm**



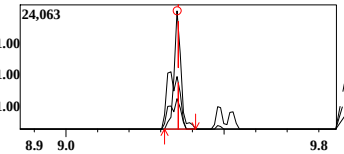
ID#:9 **Name:Pentachloroethane**
Mass:167.00 **Type:Target**
R.T:9.392 **Area:7482** **Conc:4.96628ppm**



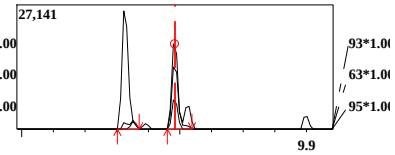
ID#:10 **Name:Phenol-d6**
Mass:99.00 **Type:Surrogate/SMC**
R.T:9.331 **Area:27089** **Conc:3.42612ppm**



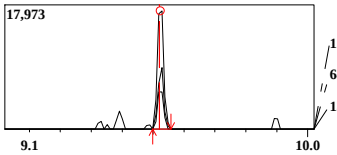
ID#:11 **Name:Phenol**
Mass:94.00 **Type:Target**
R.T:9.353 **Area:34020** **Conc:3.99200ppm**



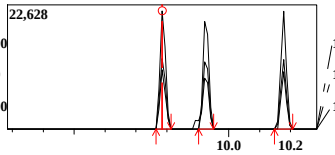
ID#:12 **Name:bis(2-Chloroethyl)Ether**
Mass:93.00 **Type:Target**
R.T:9.483 **Area:26960** **Conc:4.22207ppm**



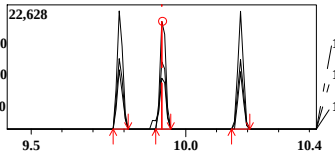
ID#:13 **Name:2-Chlorophenol**
Mass:128.00 **Type:Target**
R.T:9.524 **Area:25847** **Conc:4.05435ppm**



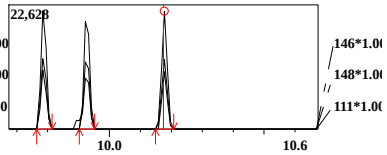
ID#:14 **Name:1,3-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.786 **Area:27540** **Conc:4.66365ppm**



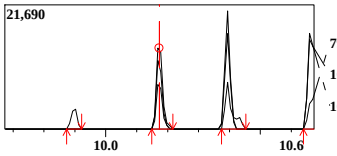
ID#:15 **Name:1,4-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.925 **Area:26756** **Conc:4.39768ppm**



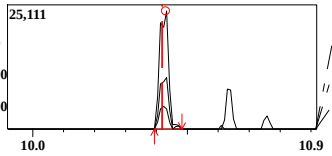
ID#:16 **Name:1,2-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:10.177 **Area:26998** **Conc:4.69110ppm**



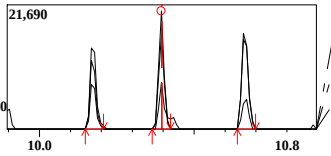
ID#:17 **Name:Benzyl Alcohol**
Mass:79.00 **Type:Target**
R.T:10.172 **Area:21057** **Conc:4.12799ppm**



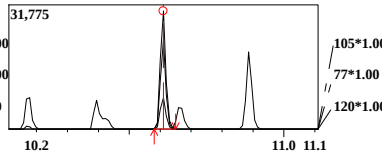
ID#:18 **Name:bis(2-Chloroisopropyl) Ether**
Mass:45.00 **Type:Target**
R.T:10.430 **Area:49059** **Conc:3.93080ppm**



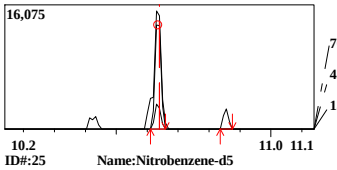
ID#:19 **Name:2-Methylphenol (o-Cresol)**
Mass:108.00 **Type:Target**
R.T:10.394 **Area:25067** **Conc:3.90038ppm**



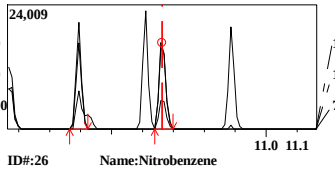
ID#:20 **Name:Acetophenone**
Mass:105.00 **Type:Target**
R.T:10.609 **Area:38023** **Conc:3.93021ppm**



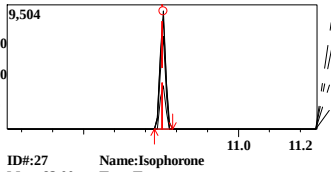
ID#:21 **Name:N-Nitrosodi-n-propylamine**
Mass:70.00 **Type:Target**
R.T:10.635 **Area:19017** **Conc:4.48719ppm**



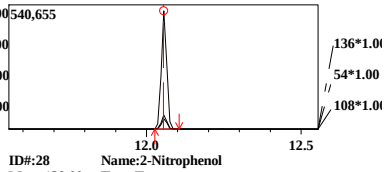
ID#:22 **Name:3+4-Methylphenol(m&p-Cresol)**
Mass:107.00 **Type:Target**
R.T:10.663 **Area:25805** **Conc:3.66273ppm**



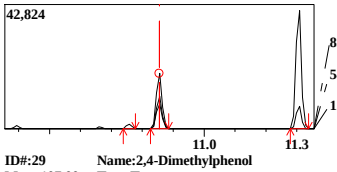
ID#:23 **Name:Hexachloroethane**
Mass:117.00 **Type:Target**
R.T:10.756 **Area:11676** **Conc:4.27691ppm**



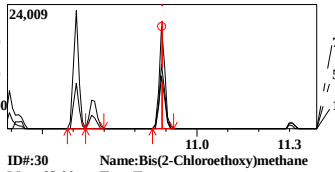
ID#:24 **Name:Naphthalene-d8 (IS)**
Mass:136.00 **Type:ISTD**
R.T:12.056 **Area:629469** **Conc:40.00000ppm**



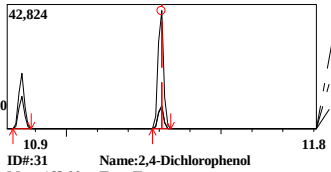
ID#:25 **Name:Nitrobenzene-d5**
Mass:82.00 **Type:Surrogate/SMC**
R.T:10.855 **Area:24813** **Conc:4.22918ppm**



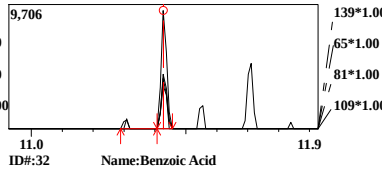
ID#:26 **Name:Nitrobenzene**
Mass:77.00 **Type:Target**
R.T:10.887 **Area:25250** **Conc:4.63303ppm**



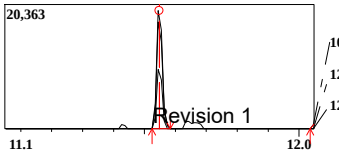
ID#:27 **Name:Isophorone**
Mass:82.00 **Type:Target**
R.T:11.306 **Area:51467** **Conc:4.58711ppm**



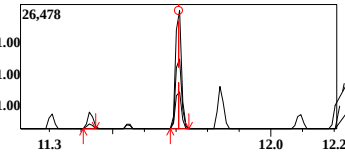
ID#:28 **Name:2-Nitrophenol**
Mass:139.00 **Type:Target**
R.T:11.428 **Area:11689** **Conc:4.54758ppm**



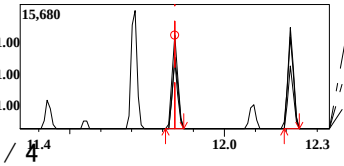
ID#:29 **Name:2,4-Dimethylphenol**
Mass:107.00 **Type:Target**
R.T:11.548 **Area:25543** **Conc:3.84843ppm**



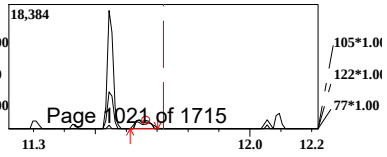
ID#:30 **Name:Bis(2-Chloroethoxy)methane**
Mass:93.00 **Type:Target**
R.T:11.708 **Area:32742** **Conc:4.42814ppm**



ID#:31 **Name:2,4-Dichlorophenol**
Mass:162.00 **Type:Target**
R.T:11.840 **Area:15553** **Conc:4.46156ppm**

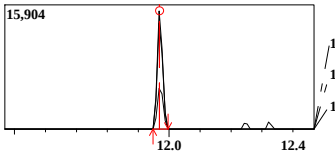


ID#:32 **Name:Benzoic Acid**
Mass:105.00 **Type:Target**
R.T:11.663 **Area:4595** **Conc:5.97457ppm**



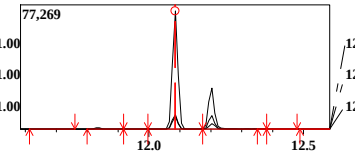
ID#:33 Name:1,2,4-Trichlorobenzene
Mass:180.00 Type:Target

R.T:11.969 Area:18663 Conc:5.68786ppm



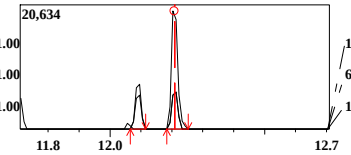
ID#:34 Name:Naphthalene
Mass:128.00 Type:Target

R.T:12.085 Area:91816 Conc:4.78679ppm



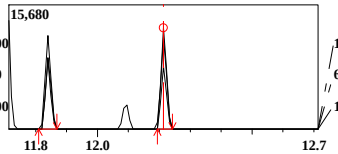
ID#:35 Name:4-Chloroaniline
Mass:127.00 Type:Target

R.T:12.207 Area:28985 Conc:3.65628ppm



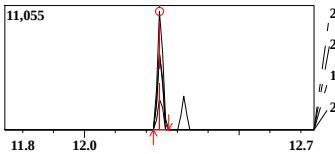
ID#:36 Name:2,6-Dichlorophenol
Mass:162.00 Type:Target

R.T:12.214 Area:16182 Conc:4.68267ppm



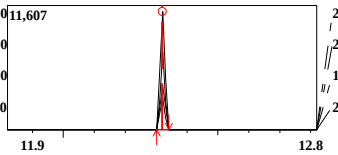
ID#:37 Name:Hexachloropropene
Mass:213.00 Type:Target

R.T:12.244 Area:13015 Conc:5.70130ppm



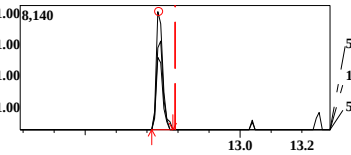
ID#:38 Name:Hexachlorobutadiene
Mass:225.00 Type:Target

R.T:12.321 Area:12485 Conc:5.84491ppm



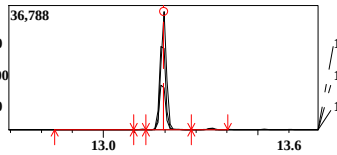
ID#:39 Name:Caprolactam
Mass:55.00 Type:Target

R.T:12.738 Area:11594 Conc:3.58574ppm



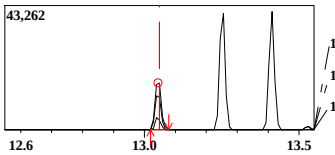
ID#:40 Name:2-Methylnaphthalene-d10
Mass:152.00 Type:Target

R.T:13.196 Area:43328 Conc:4.70296ppm



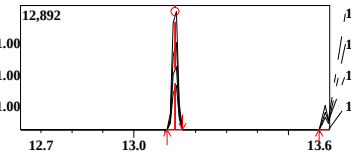
ID#:41 Name:4-Chloro-3-methylphenol
Mass:107.00 Type:Target

R.T:13.044 Area:24210 Conc:3.92890ppm



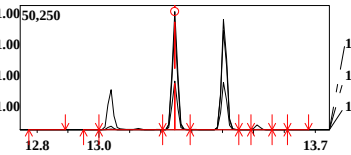
ID#:42 Name:Safrole
Mass:162.00 Type:Target

R.T:13.134 Area:16431 Conc:4.68072ppm



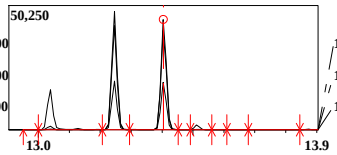
ID#:43 Name:2-Methylnaphthalene
Mass:142.00 Type:Target

R.T:13.245 Area:57940 Conc:5.01528ppm



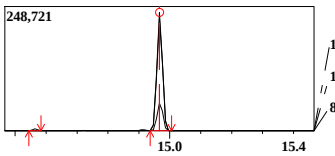
ID#:44 Name:1-Methylnaphthalene
Mass:142.00 Type:Target

R.T:13.404 Area:55721 Conc:5.08827ppm



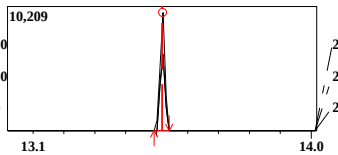
ID#:45 Name:Acenaphthene-d10 (IS)
Mass:164.00 Type:ISTD

R.T:14.967 Area:303494 Conc:40.00000ppm



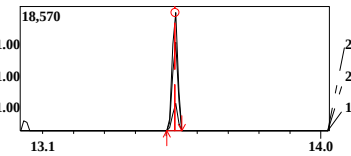
ID#:46 Name:Hexachlorocyclopentadiene
Mass:237.00 Type:Target

R.T:13.520 Area:11134 Conc:3.69218ppm



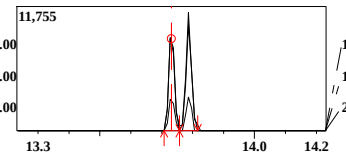
ID#:47 Name:1,2,4,5-Tetrachlorobenzene
Mass:216.00 Type:Target

R.T:13.529 Area:22608 Conc:4.77824ppm



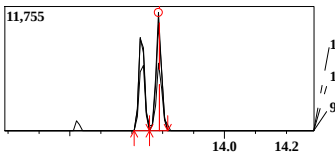
ID#:48 Name:2,4,6-Trichlorophenol
Mass:196.00 Type:Target

R.T:13.731 Area:12141 Conc:4.54843ppm



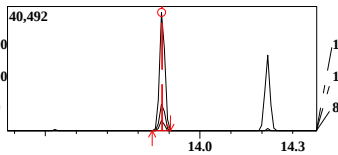
ID#:49 Name:2,4,5-Trichlorophenol
Mass:196.00 Type:Target

R.T:13.787 Area:13953 Conc:5.03572ppm



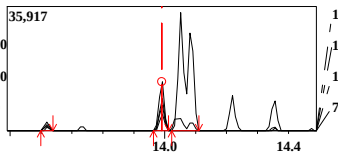
ID#:50 Name:2-Fluorobiphenyl
Mass:172.00 Type:Surrogate/SMC

R.T:13.877 Area:47059 Conc:4.15700ppm



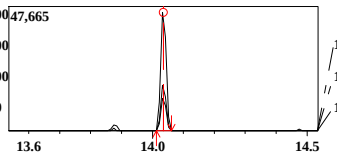
ID#:51 Name:Isosafrole
Mass:162.00 Type:Target

R.T:13.991 Area:17165 Conc:3.95844ppm



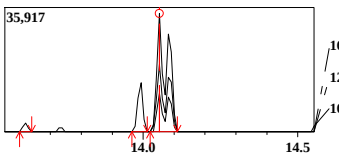
ID#:52 Name:1,1'-Biphenyl
Mass:154.00 Type:Target

R.T:14.035 Area:57640 Conc:4.06962ppm



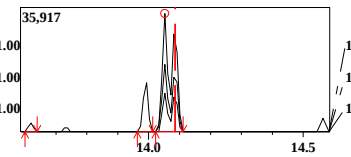
ID#:53 Name:2-Chloronaphthalene
Mass:162.00 Type:Target

R.T:14.052 Area:79442 Conc:7.77621ppm



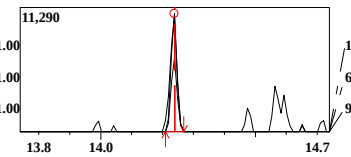
ID#:54 Name:1-Chloronaphthalene
Mass:162.00 Type:Target

R.T:14.052 Area:79442 Conc:9.41965ppm



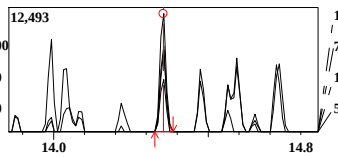
ID#:55 Name:2-Nitroaniline
Mass:138.00 Type:Target

R.T:14.237 Area:14475 Conc:3.59302ppm



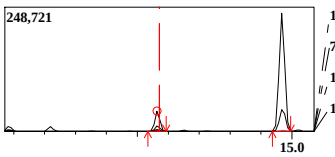
ID#:56 Name:1,4-Naphthoquinone
Mass:158.00 Type:Target

R.T:14.354 Area:16465 Conc:3.90048ppm



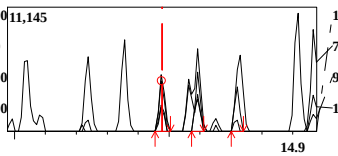
ID#:57 Name:Dimethyl phthalate
Mass:163.00 Type:Target

R.T:14.564 Area:47282 Conc:4.50214ppm



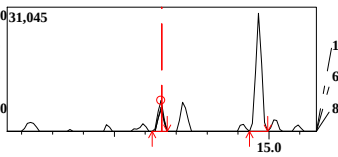
ID#:58 Name:1,3-Dinitrobenzene
Mass:168.00 Type:Target

R.T:14.476 Area:5637 Conc:4.40365ppm



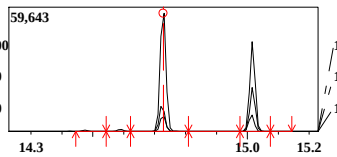
ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT)
Mass:165.00 Type:Target

R.T:14.650 Area:9769 Conc:4.63873ppm



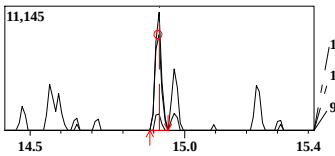
ID#:60 Name:Acenaphthylene
Mass:152.00 Type:Target

R.T:14.728 Area:78253 Conc:4.39525ppm



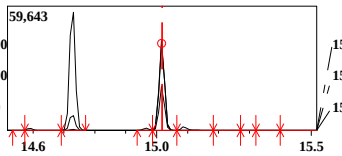
ID#:61 Name:3-Nitroaniline
Mass:138.00 Type:Target

R.T:14.914 Area:12776 Conc:3.65000ppm



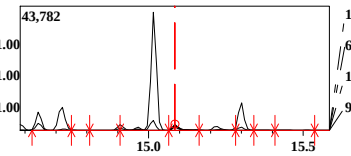
ID#:62 Name:Acenaphthene
Mass:154.00 Type:Target

R.T:15.016 Area:51238 Conc:4.63910ppm



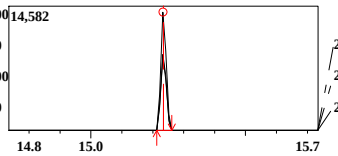
ID#:63 Name:2,4-Dinitrophenol
Mass:184.00 Type:Target

R.T:15.085 Area:3425 Conc:6.39390ppm



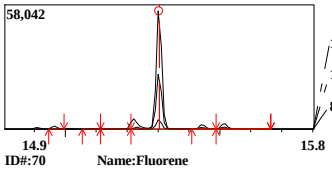
ID#:64 Name:Pentachlorobenzene
Mass:250.00 Type:Target

R.T:15.234 Area:17319 Conc:4.61688ppm



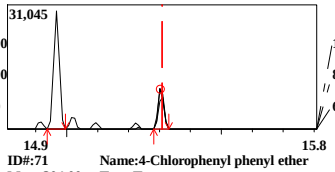
ID#:65 Name:Dibenzofuran
Mass:168.00 Type:Target

R.T:15.303 Area:71310 Conc:5.00596ppm



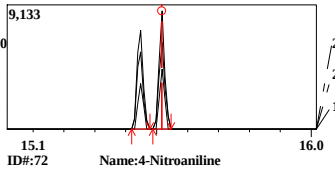
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT)
Mass:165.00 Type:Target

R.T:15.303 Area:13087 Conc:4.37319ppm



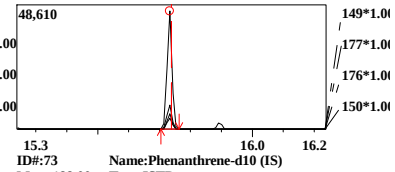
ID#:68 Name:2,3,4,6-Tetrachlorophenol
Mass:232.00 Type:Target

R.T:15.517 Area:11139 Conc:4.55494ppm



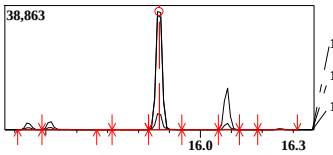
ID#:69 Name:Diethyl phthalate
Mass:149.00 Type:Target

R.T:15.733 Area:51500 Conc:4.28595ppm



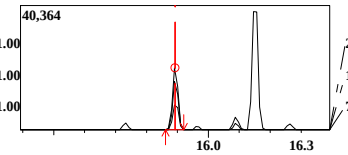
ID#:70 Name:Fluorene
Mass:166.00 Type:Target

R.T:15.866 Area:55855 Conc:4.93770ppm



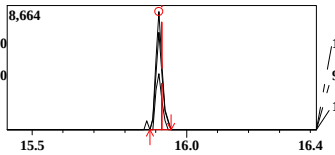
ID#:71 Name:4-Chlorophenyl phenyl ether
Mass:204.00 Type:Target

R.T:15.893 Area:25549 Conc:5.11346ppm



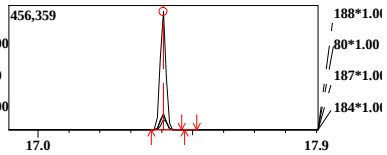
ID#:72 Name:4-Nitroaniline
Mass:138.00 Type:Target

R.T:15.910 Area:12019 Conc:3.55089ppm



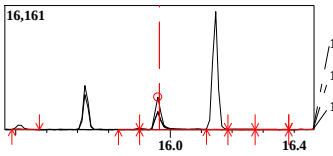
ID#:73 Name:Phenanthrene-d10 (IS)
Mass:188.00 Type:ISTD

R.T:17.404 Area:569656 Conc:40.00000ppm



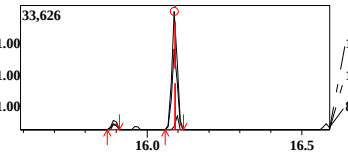
ID#:74 Name:4,6-Dinitro-2-methylphenol
Mass:198.00 Type:Target

R.T:15.959 Area:6235 Conc:8.01213ppm



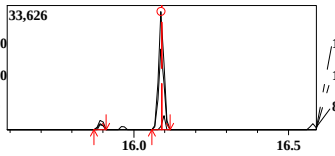
ID#:75 Name:N-Nitrosodiphenylamine
Mass:169.00 Type:Target

R.T:16.088 Area:39196 Conc:3.88013ppm



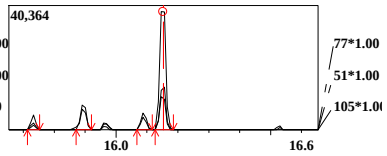
ID#:76 Name:Diphenylamine
Mass:169.00 Type:Target

R.T:16.088 Area:39196 Conc:3.88013ppm



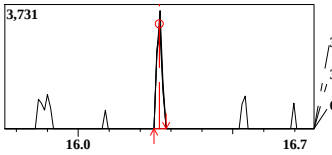
ID#:77 Name:1,2-Diphenylhydrazine
Mass:77.00 Type:Target

R.T:16.151 Area:55418 Conc:3.64748ppm



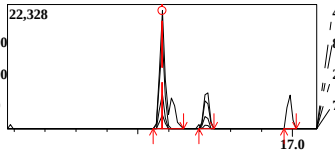
ID#:78 Name:2,4,6-Tribromophenol
Mass:330.00 Type:Surrogate/SMC

R.T:16.262 Area:3992 Conc:2.69751ppm



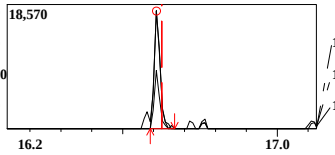
ID#:79 Name:(cis/trans)-Diallate
Mass:43.00 Type:Target

R.T:16.579 Area:32464 Conc:3.49973ppm



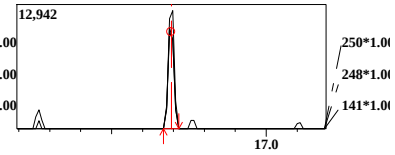
ID#:80 Name:Phenacetin
Mass:108.00 Type:Target

R.T:16.610 Area:23563 Conc:2.71235ppm



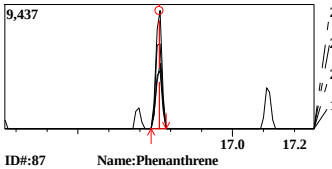
ID#:81 Name:4-Bromophenyl phenyl ether
Mass:250.00 Type:Target

R.T:16.691 Area:13924 Conc:4.31174ppm



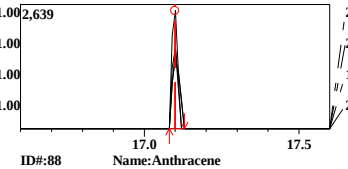
ID#:82 Name:Hexachlorobenzene
Mass:284.00 Type:Target

R.T:16.763 Area:12343 Conc:3.61840ppm



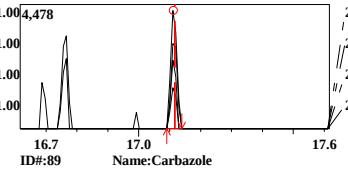
ID#:84 Name:Pentachlorophenol
Mass:266.00 Type:Target

R.T:17.098 Area:3726 Conc:4.41198ppm



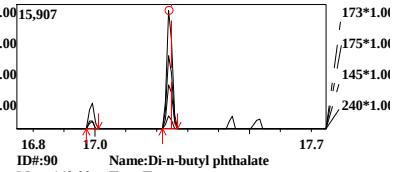
ID#:85 Name:Pentachloronitrobenzene
Mass:237.00 Type:Target

R.T:17.113 Area:6145 Conc:4.22329ppm



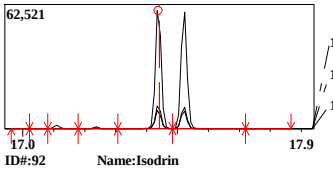
ID#:86 Name:Pronamide (Kerb)
Mass:173.00 Type:Target

R.T:17.240 Area:18766 Conc:3.90910ppm



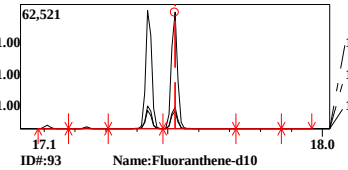
ID#:87 Name:Phenanthrene
Mass:178.00 Type:Target

R.T:17.437 Area:81612 Conc:4.69395ppm



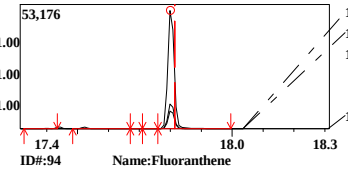
ID#:88 Name:Anthracene
Mass:178.00 Type:Target

R.T:17.522 Area:80764 Conc:4.64765ppm



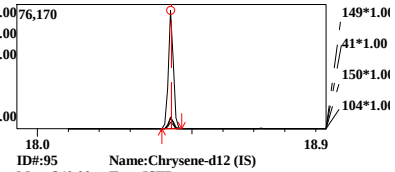
ID#:89 Name:Carbazole
Mass:167.00 Type:Target

R.T:17.801 Area:73492 Conc:4.41561ppm



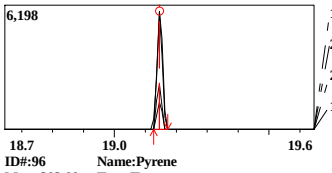
ID#:90 Name:Di-n-butyl phthalate
Mass:149.00 Type:Target

R.T:18.431 Area:82954 Conc:3.82571ppm



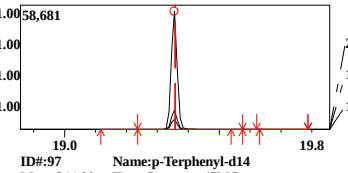
ID#:92 Name:Isodrin
Mass:193.00 Type:Target

R.T:19.147 Area:7763 Conc:4.51319ppm



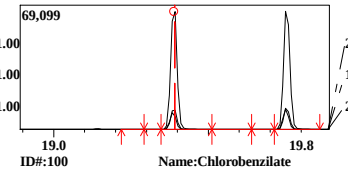
ID#:93 Name:Fluoranthene-d10
Mass:212.00 Type:Target

R.T:19.354 Area:76803 Conc:4.54928ppm



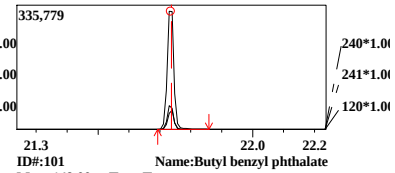
ID#:94 Name:Fluoranthene
Mass:202.00 Type:Target

R.T:19.389 Area:96807 Conc:5.07007ppm



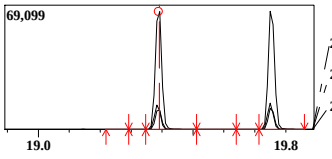
ID#:95 Name:Chrysene-d12 (IS)
Mass:240.00 Type:ISTD

R.T:21.734 Area:491197 Conc:40.00000ppm



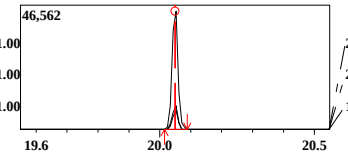
ID#:96 Name:Pyrene
Mass:202.00 Type:Target

R.T:19.389 Area:96807 Conc:4.97034ppm



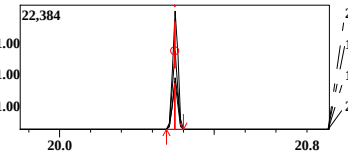
ID#:97 Name:p-Terphenyl-d14
Mass:244.00 Type:Surrogate/SMC

R.T:20.050 Area:59708 Conc:3.90417ppm



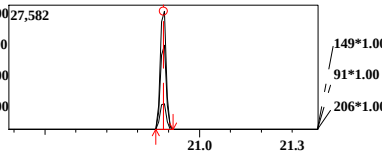
ID#:100 Name:Chlorobenzilate
Mass:251.00 Type:Target

R.T:20.373 Area:16701 Conc:3.84425ppm



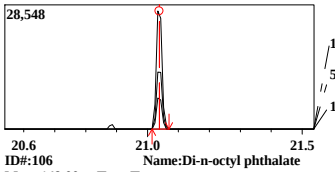
ID#:101 Name:Butyl benzyl phthalate
Mass:149.00 Type:Target

R.T:20.883 Area:34807 Conc:3.97461ppm



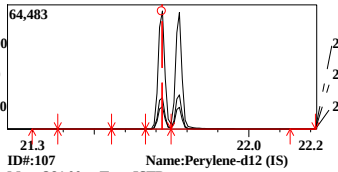
ID#:102 Name:Di(2-ethylhexyl) adipate
Mass:129.00 Type:Target

R.T:21.037 Area:35256 Conc:3.24463ppm



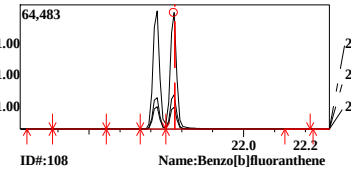
ID#:103 Name:Benzo[a]anthracene
Mass:228.00 Type:Target

R.T:21.718 Area:93248 Conc:4.71624ppm



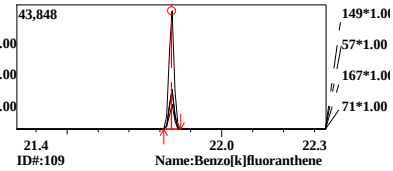
ID#:104 Name:Chrysene
Mass:228.00 Type:Target

R.T:21.773 Area:89379 Conc:4.96022ppm



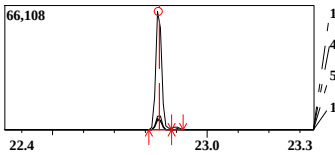
ID#:105 Name:Bis(2-Ethylhexyl) phthalate
Mass:149.00 Type:Target

R.T:21.838 Area:49289 Conc:3.81128ppm



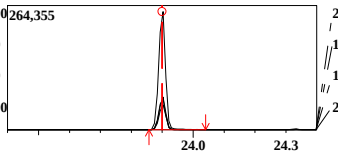
ID#:106 Name:Di-n-octyl phthalate
Mass:149.00 Type:Target

R.T:22.842 Area:84424 Conc:3.90061ppm



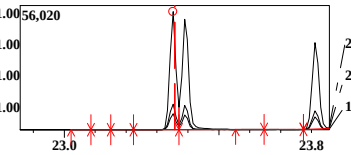
ID#:107 Name:Perylene-d12 (IS)
Mass:264.00 Type:ISTD

R.T:23.900 Area:384172 Conc:40.00000ppm



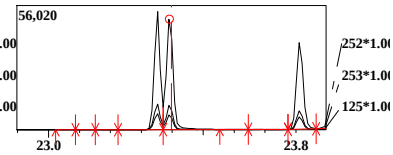
ID#:108 Name:Benzo[b]fluoranthene
Mass:252.00 Type:Target

R.T:23.352 Area:73828 Conc:4.43452ppm



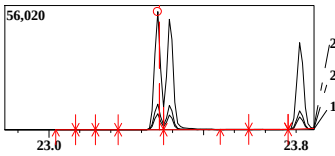
ID#:109 Name:Benzo[k]fluoranthene
Mass:252.00 Type:Target

R.T:23.391 Area:75402 Conc:5.01777ppm



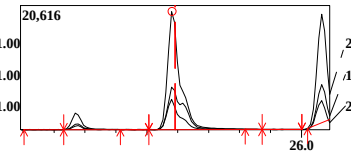
ID#:110 Name:Benzo[a]pyrene
Mass:252.00 Type:Target

R.T:23.352 Area:73828 Conc:5.73975ppm



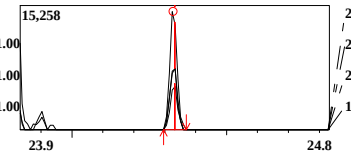
ID#:111 Name:Indeno(1,2,3-cd)pyrene
Mass:276.00 Type:Target

R.T:25.582 Area:55455 Conc:5.25943ppm



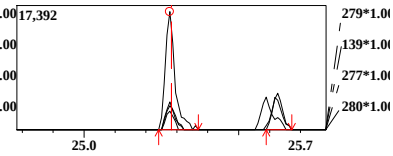
ID#:112 Name:3-Methylcholanthrene
Mass:268.00 Type:Target

R.T:24.327 Area:24392 Conc:3.48896ppm



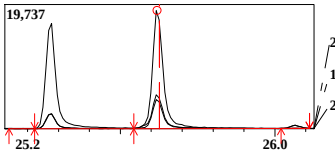
ID#:113 Name:Dibenz(a,j)Acridine
Mass:279.00 Type:Target

R.T:25.277 Area:35695 Conc:3.57585ppm



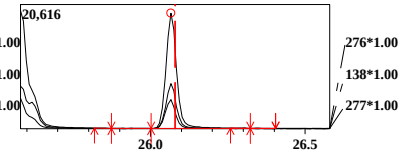
ID#:114 Name:Dibenzo[a,h]anthracene
Mass:278.00 Type:Target

R.T:25.619 Area:47747 Conc:4.23957ppm



ID#:115 Name:Benzo[g,h,i]perylene
Mass:276.00 Type:Target

R.T:26.067 Area:46458 Conc:4.17643ppm



Analyst: CMN Instrument: J7H Trace Number: SVOC-BO45-F14-Y
Method: 8270C/D/E/625.1 Batch:
Sample ID: A ICAL4 Data File: C:\GCMSsolution\Data\221130H007.qgd
Date: 11/30/2022 Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm
Time: 19:35:54 Sample Name: A ICAL4
Dilution: 1

Internal Standard

ID#	Name	Mass	Time	Area	Conc.
1	1,4-Dichlorobenzene-d4 (IS)	150.00	9.90	232833	40.00
24	Naphthalene-d8 (IS)	136.00	12.06	635194	40.00
45	Acenaphthene-d10 (IS)	164.00	14.97	294921	40.00
73	Phenanthrene-d10 (IS)	188.00	17.41	548074	40.00
95	Chrysene-d12 (IS)	240.00	21.74	476168	40.00
107	Perylene-d12 (IS)	264.00	23.90	368522	40.00

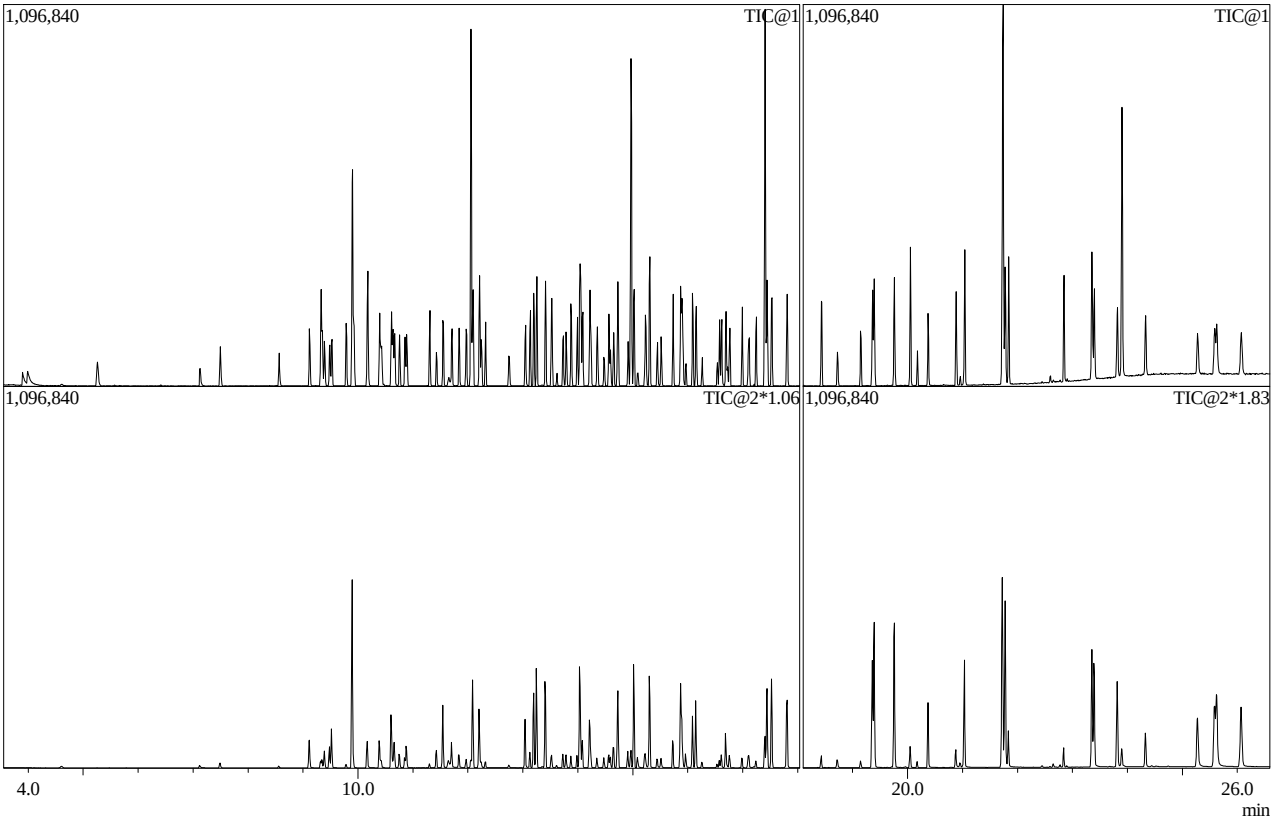
Surrogate

ID#	Name	Mass	Time	Area	Conc.
5	2-Fluorophenol	112.00	7.49	57364	10.38
10	Phenol-d6	99.00	9.33	67533	10.20
25	Nitrobenzene-d5	82.00	10.86	55695	9.42
50	2-Fluorobiphenyl	172.00	13.88	105311	9.85
78	2,4,6-Tribromophenol	330.00	16.26	10166	10.46
97	p-Terphenyl-d14	244.00	20.05	136124	9.61

Target

ID#	Name	Mass	Time	Area	Conc.
2	N-Nitrosodimethylamine	74.00	3.90	42785	9.48
3	Pyridine	79.00	3.99	54986	9.46
4	Methyl methanesulfonate	80.00	7.12	32385	10.43
6	Ethyl methanesulfonate	79.00	8.57	43604	10.40
7	Benzaldehyde	106.00	9.12	49455	10.64
8	Aniline	93.00	9.33	90659	10.34
9	Pentachloroethane	167.00	9.39	18372	10.72
11	Phenol	94.00	9.35	82951	10.09
12	bis(2-Chloroethyl)Ether	93.00	9.48	64898	10.57
13	2-Chlorophenol	128.00	9.52	58894	10.11
14	1,3-Dichlorobenzene	146.00	9.79	62840	10.54
15	1,4-Dichlorobenzene	146.00	9.93	64767	10.63
16	1,2-Dichlorobenzene	146.00	10.18	60301	10.27
17	Benzyl Alcohol	79.00	10.17	50139	9.80
18	bis(2-Chloroisopropyl) Ether	45.00	10.43	109901	10.34
19	2-Methylphenol (o-Cresol)	108.00	10.39	60409	10.41
20	Acetophenone	105.00	10.61	87961	10.31
21	N-Nitrosodi-n-propylamine	70.00	10.64	44692	10.19
22	3+4-Methylphenol(m&p-Cresol)	107.00	10.66	62742	10.08
23	Hexachloroethane	117.00	10.76	26703	10.39
26	Nitrobenzene	77.00	10.89	59505	9.57
27	Isophorone	82.00	11.31	119095	9.73
28	2-Nitrophenol	139.00	11.43	26722	8.77
29	2,4-Dimethylphenol	107.00	11.55	62433	9.39
30	Bis(2-Chloroethoxy)methane	93.00	11.71	75057	9.66
31	2,4-Dichlorophenol	162.00	11.84	39796	9.57
32	Benzoic Acid	105.00	11.65	20955	9.48
33	1,2,4-Trichlorobenzene	180.00	11.97	42616	9.68
34	Naphthalene	128.00	12.09	210073	9.66
35	4-Chloroaniline	127.00	12.21	71416	9.35
36	2,6-Dichlorophenol	162.00	12.21	38700	9.46
37	Hexachloropropene	213.00	12.24	29526	9.16
38	Hexachlorobutadiene	225.00	12.32	29622	9.80
39	Caprolactam	55.00	12.75	26296	9.17
40	2-Methylnaphthalene-d10	152.00	13.20	100331	9.94
41	4-Chloro-3-methylphenol	107.00	13.05	57558	9.48
42	Safrole	162.00	13.13	40152	9.89
43	2-Methylnaphthalene	142.00	13.25	131153	9.47
44	1-Methylnaphthalene	142.00	13.41	123739	9.42
46	Hexachlorocyclopentadiene	237.00	13.52	28386	10.10
47	1,2,4,5-Tetrachlorobenzene	216.00	13.53	51579	9.82
48	2,4,6-Trichlorophenol	196.00	13.73	29933	9.64
49	2,4,5-Trichlorophenol	196.00	13.79	32320	9.55
51	Isosafrole	162.00	13.99	41924	9.99
52	1,1'-Biphenyl	154.00	14.04	131855	9.91
53	2-Chloronaphthalene	162.00	14.05	102509	9.93
54	1-Chloronaphthalene	162.00	14.09	78025	9.66
55	2-Nitroaniline	138.00	14.24	35010	9.42
56	1,4-Naphthoquinone	158.00	14.35	40886	9.96
57	Dimethyl phthalate	163.00	14.57	106055	9.87
58	1,3-Dinitrobenzene	168.00	14.48	13709	9.90

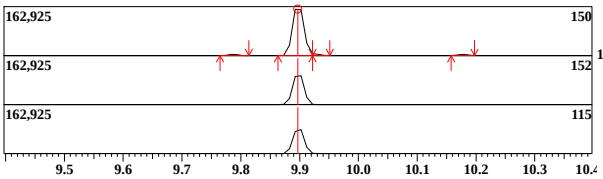
ID#	Name	Mass	Time	Area	Conc.
59	2,6-Dinitrotoluene (2,6-DNT)	165.00	14.65	22448	9.74
60	Acenaphthylene	152.00	14.73	174796	9.69
61	3-Nitroaniline	138.00	14.92	29348	9.49
62	Acenaphthene	154.00	15.02	115225	9.63
63	2,4-Dinitrophenol	184.00	15.08	10047	9.63
64	Pentachlorobenzene	250.00	15.24	39624	9.76
65	Dibenzofuran	168.00	15.30	157836	9.93
66	2,4-Dinitrotoluene (2,4-DNT)	165.00	15.31	30648	9.22
67	4-Nitrophenol	65.00	15.22	20442	10.19
68	2,3,4,6-Tetrachlorophenol	232.00	15.52	26726	9.34
69	Diethyl phthalate	149.00	15.73	116439	9.94
70	Fluorene	166.00	15.87	125813	9.67
71	4-Chlorophenyl phenyl ether	204.00	15.89	57360	9.90
72	4-Nitroaniline	138.00	15.91	29211	10.15
74	4,6-Dinitro-2-methylphenol	198.00	15.96	15723	10.03
75	N-Nitrosodiphenylamine	169.00	16.09	94026	9.92
76	Diphenylamine	169.00	16.09	94026	9.92
77	1,2-Diphenylhydrazine	77.00	16.15	124849	9.83
79	(cis/trans)-Diallate	43.00	16.58	58409	9.75
80	Phenacetin	108.00	16.62	59722	9.60
81	4-Bromophenyl phenyl ether	250.00	16.70	30092	9.56
82	Hexachlorobenzene	284.00	16.76	26732	9.32
83	Atrazine	200.00	16.99	31297	9.87
84	Pentachlorophenol	266.00	17.10	10991	9.95
85	Pentachloronitrobenzene	237.00	17.12	13060	8.72
86	Pronamide (Kerb)	173.00	17.24	43466	9.37
87	Phenanthrene	178.00	17.44	178345	9.82
88	Anthracene	178.00	17.52	181354	9.55
89	Carbazole	167.00	17.80	166450	9.85
90	Di-n-butyl phthalate	149.00	18.43	189789	9.52
91	4-Nitroquinoline-N-Oxide	190.00	18.72	8001	9.66
92	Isodrin	193.00	19.15	17420	9.66
93	Fluoranthene-d10	212.00	19.36	174073	10.24
94	Fluoranthene	202.00	19.39	215067	9.61
96	Pyrene	202.00	19.76	218436	9.77
98	Aramite A	185.00	20.05	11976	4.88
99	Aramite B	185.00	20.18	13320	4.68
100	Chlorobenzilate	251.00	20.37	39828	9.09
101	Butyl benzyl phthalate	149.00	20.88	78948	9.31
102	Di(2-ethylhexyl) adipate	129.00	21.04	87339	9.57
103	Benzo[a]anthracene	228.00	21.72	206203	10.39
104	Chrysene	228.00	21.77	199866	9.93
105	Bis(2-Ethylhexyl) phthalate	149.00	21.84	116852	9.39
106	Di-n-octyl phthalate	149.00	22.84	196743	9.47
108	Benzo[b]fluoranthene	252.00	23.35	163234	8.95
109	Benzo[k]fluoranthene	252.00	23.39	168547	9.69
110	Benzo[a]pyrene	252.00	23.81	135652	9.51
111	Indeno(1,2,3-cd)pyrene	276.00	25.58	97815	10.36
112	3-Methylcholanthrene	268.00	-	---	N.D.
113	Dibenz(a,j)Acridine	279.00	25.28	86957	9.30
114	Dibenzo[a,h]anthracene	278.00	25.62	108990	10.40
115	Benzo[g,h,i]perylene	276.00	26.07	106256	9.44
116	2-Picoline (2-Methylpyridine)	93.00	-	---	N.D.(Peak)
117	N-Nitrosomethylethylamine	88.00	-	---	N.D.(Peak)
118	N-Nitrosodiethylamine	102.00	-	---	N.D.(Peak)
119	n-Decane	57.00	-	---	N.D.(Ref)
120	N-Nitrosopyrrolidine	100.00	-	---	N.D.(Peak)
121	N-Nitrosomorpholine	56.00	-	---	N.D.(Ref)
122	o-Toluidine	106.00	-	---	N.D.(Ref)
123	N-Nitrosopiperidine	114.00	-	---	N.D.(Peak)
124	a,a-Dimethylphenethylamine	58.00	-	---	N.D.(Peak)
125	Alpha-Terpineol	59.00	-	---	N.D.(Peak)
126	p-Phenylenediamine	108.00	-	---	N.D.(Ref)
127	N-Nitrosodi-n-butylamine	84.00	-	---	N.D.(Ref)
128	2,3-Dichloroaniline	161.00	-	---	N.D.(Ref)
129	1-Naphthylamine	143.00	-	---	N.D.(Ref)
130	2-Naphthylamine	143.00	-	---	N.D.(Ref)
131	5-Nitro-o-Toluidine	152.00	-	---	N.D.(Ref)
132	4-Aminobiphenyl	169.00	-	---	N.D.(Ref)
133	n-Octadecane	57.00	-	---	N.D.(Peak)
134	Benzidine	184.00	-	---	N.D.(Ref)
135	4-Dimethyl aminoazobenzene	120.00	-	---	N.D.(Ref)
136	3,3'-Dimethylbenzidine	212.00	-	---	N.D.(Peak)
137	2-Acetylaminofluorene	181.00	-	---	N.D.(Peak)
138	3,3`-Dichlorobenzidine	252.00	-	---	N.D.(Peak)
139	7,12-Dimethylbenz[a]anthracene	256.00	-	---	N.D.(Ref)

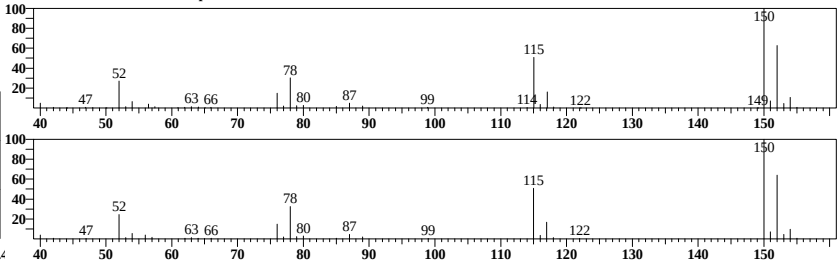

1,096,840
TIC@1
1,096,840
TIC@1
1,096,840
TIC@2*1.06
1,096,840
TIC@2*1.83
4.0
10.0
20.0
26.0
min

ID#:1 Name:1,4-Dichlorobenzene-d4 (IS) Type:ISTD Manual Integration Performed
Manual Reason: Split peak. CMN 12/1/2022

Mass:150.00 R.T:9.897 Area:232833 Conc:40.00000ppm
Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	152.00	69612	62.78	65.66
2	115.00	56464	50.92	48.88

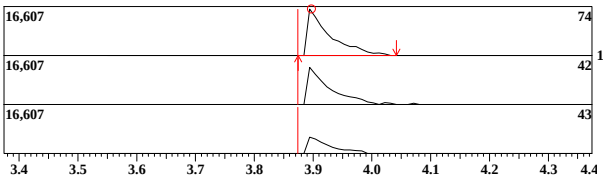


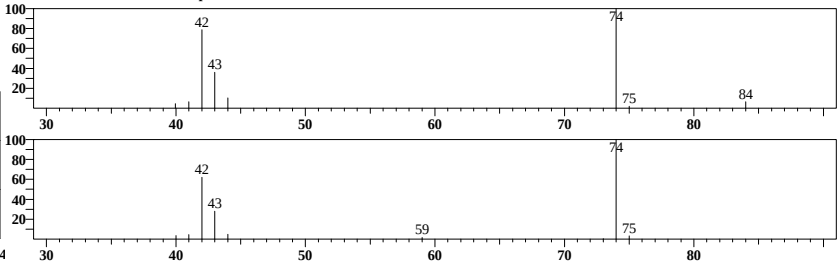


ID#:2 Name:N-Nitrosodimethylamine Type:Target Manual Integration Performed
Manual Reason: Baseline smoothing. CMN 12/1/2022

Mass:74.00 R.T:3.898 Area:42785 Conc:9.47674ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	42.00	7603	78.80	72.10
2	43.00	3482	36.09	38.30

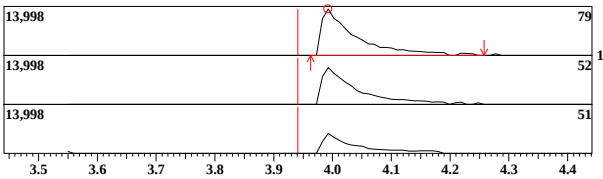


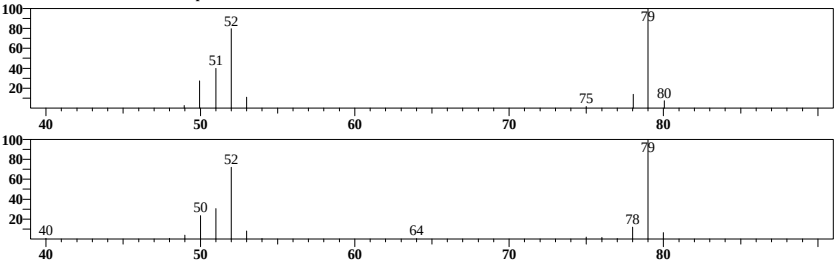


ID#:3 Name:Pyridine Type:Target Manual Integration Performed
Manual Reason: Peak not found. CMN 12/1/2022

Mass:79.00 R.T:3.992 Area:54986 Conc:9.45948ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	52.00	9169	79.72	80.35
2	51.00	4599	39.98	37.95

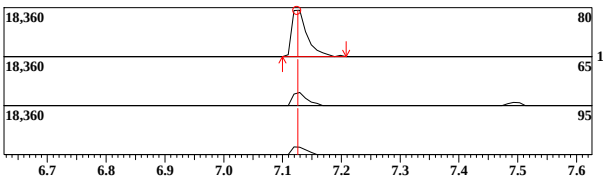


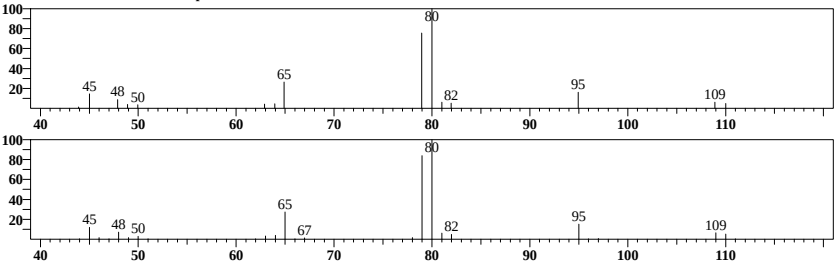


ID#:4 Name:Methyl methanesulfonate Type:Target No Manual Integration

Mass:80.00 R.T:7.124 Area:32385 Conc:10.43112ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	65.00	3120	26.22	35.13
2	95.00	1920	16.14	18.43

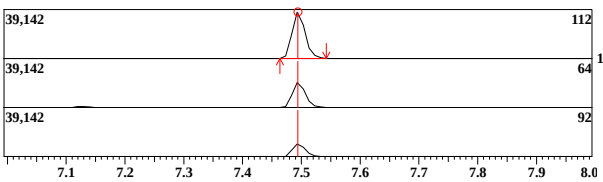


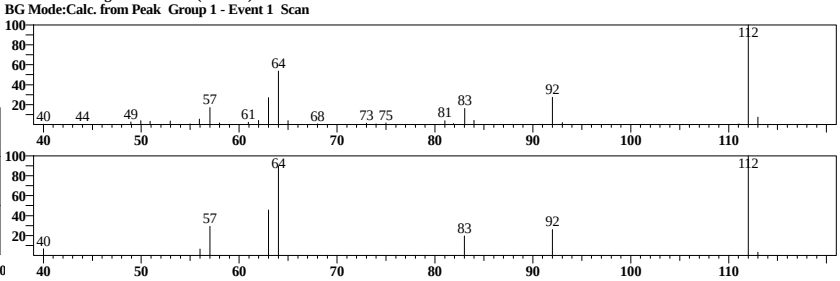


ID#:5 Name:2-Fluorophenol Type:Surrogate/SMC No Manual Integration

Mass:112.00 R.T:7.495 Area:57364 Conc:10.38250ppm
Event:1:Scan SI:86

#	m/z	Area	Ratio	Reference
1	64.00	14896	53.85	72.76
2	92.00	7569	27.36	26.11

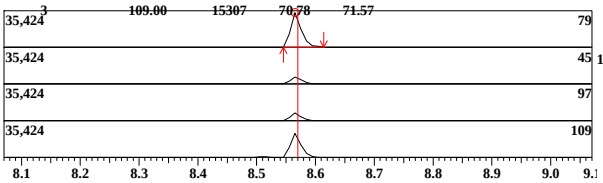


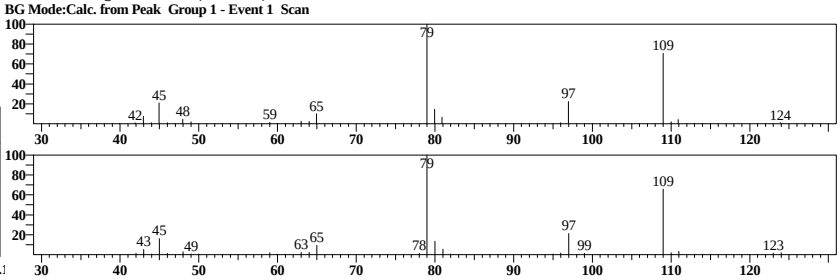


ID#:6 Name:Ethyl methanesulfonate Type:Target No Manual Integration

Mass:79.00 R.T:8.565 Area:43604 Conc:10.39761ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	45.00	4500	20.81	17.15
2	97.00	4775	22.08	24.70
3	109.00	15307	70.78	71.57





ID#:1 R.Time:9.893(Scan#:1291)
MassPeaks:39
RawMode:Averaged 9.883-9.902(1289-1293)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:2 R.Time:3.894(Scan#:71)
MassPeaks:8
RawMode:Averaged 3.884-3.904(69-73)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:3 R.Time:3.993(Scan#:91)
MassPeaks:9
RawMode:Averaged 3.983-4.002(89-93)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:4 R.Time:7.120(Scan#:727)
MassPeaks:15
RawMode:Averaged 7.110-7.129(725-729)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

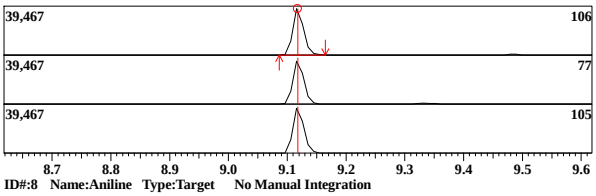
ID#:5 R.Time:7.493(Scan#:803)
MassPeaks:28
RawMode:Averaged 7.483-7.503(801-805)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:6 R.Time:8.565(Scan#:1021)
MassPeaks:21
RawMode:Averaged 8.555-8.575(1019-1023)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:7 Name:Benzaldehyde Type:Target No Manual Integration

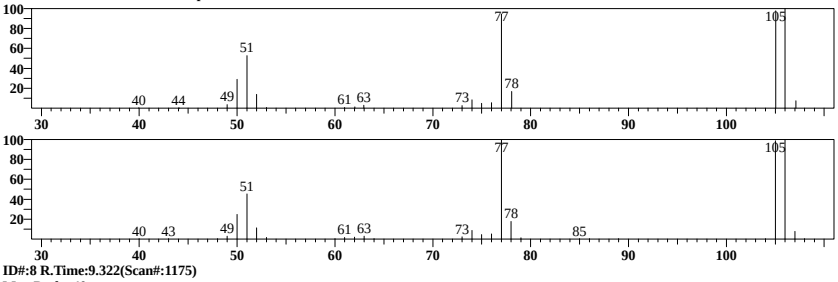
Mass:106.00 R.T:9.117 Area:49455 Conc:10.63826ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	77.00	23467	94.48	85.00
2	105.00	24269	97.71	96.78



ID#:8 Name:Aniline Type:Target No Manual Integration

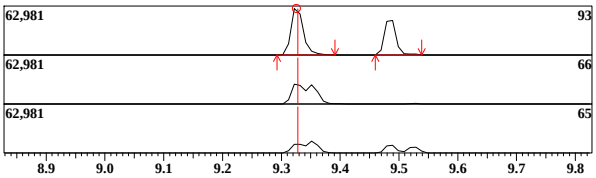
ID#:7 R.Time:9.116(Scan#:1133)
MassPeaks:19
RawMode:Averaged 9.106-9.126(1131-1135)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:8 R.Time:9.322(Scan#:1175)
MassPeaks:40
RawMode:Averaged 9.312-9.332(1173-1177)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

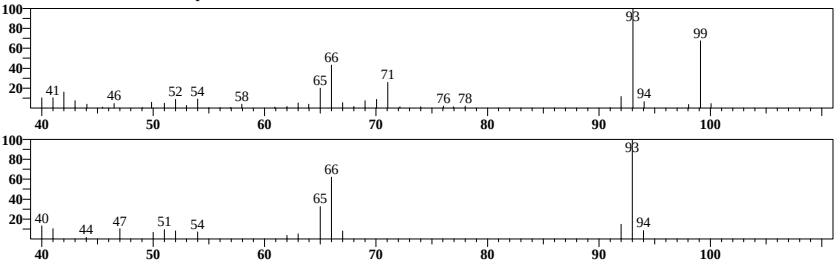
Mass:93.00 R.T:9.326 Area:90659 Conc:10.34218ppm
Event:1:Scan SI:71

#	m/z	Area	Ratio	Reference
1	66.00	18372	43.16	46.22
2	65.00	8516	20.01	22.48



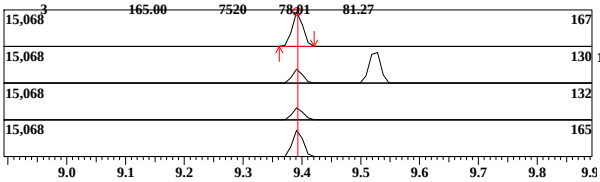
ID#:9 Name:Pentachloroethane Type:Target No Manual Integration

ID#:9 R.Time:9.391(Scan#:1189)
MassPeaks:29
RawMode:Averaged 9.381-9.401(1187-1191)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



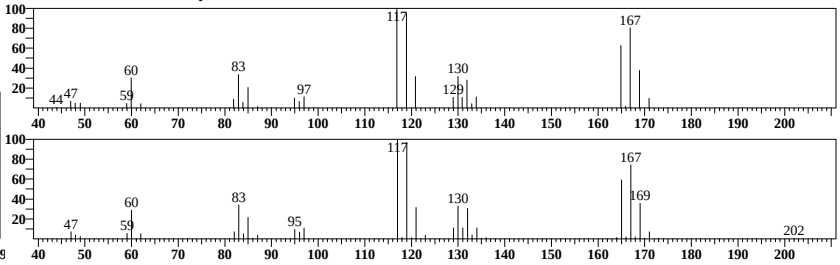
Mass:167.00 R.T:9.392 Area:18372 Conc:10.72308ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	130.00	3764	39.05	38.70
2	132.00	3369	34.95	34.68
3	165.00	7520	78.01	81.27



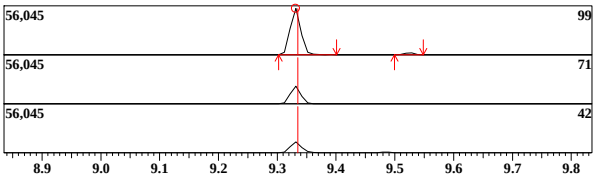
ID#:10 Name:Phenol-d6 Type:Surrogate/SMC No Manual Integration

ID#:10 R.Time:9.332(Scan#:1177)
MassPeaks:40
RawMode:Averaged 9.322-9.342(1175-1179)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



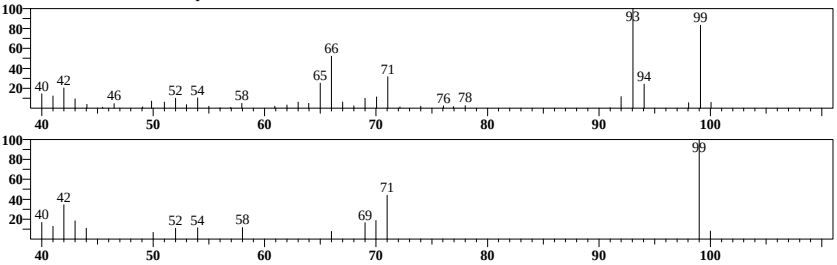
Mass:99.00 R.T:9.331 Area:67533 Conc:10.19735ppm
Event:1:Scan SI:65

#	m/z	Area	Ratio	Reference
1	71.00	13424	37.90	35.02
2	42.00	8661	24.45	16.82



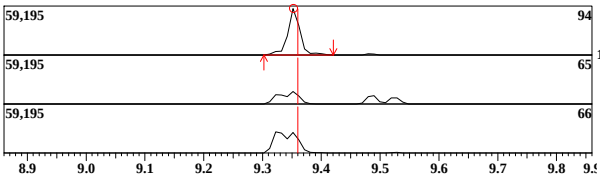
ID#:11 Name:Phenol Type:Target No Manual Integration

ID#:11 R.Time:9.352(Scan#:1181)
MassPeaks:39
RawMode:Averaged 9.342-9.361(1179-1183)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



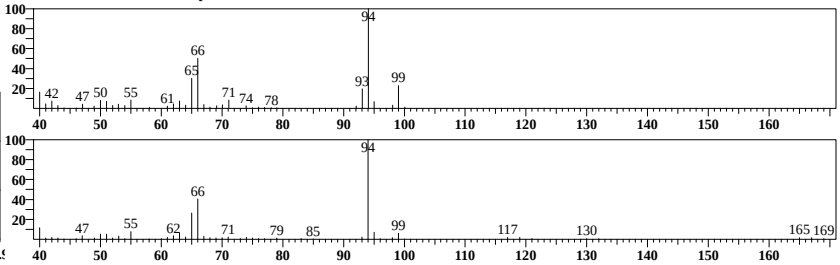
Mass:94.00 R.T:9.353 Area:82951 Conc:10.09082ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	65.00	11568	30.10	31.65
2	66.00	19308	50.24	40.72



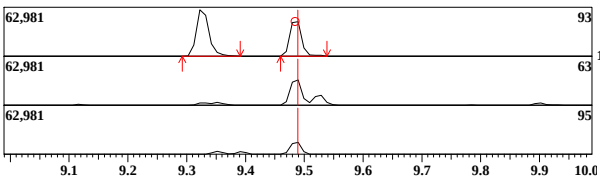
ID#:12 Name:bis(2-Chloroethyl)Ether Type:Target No Manual Integration

ID#:12 R.Time:9.489(Scan#:1209)
MassPeaks:17
RawMode:Averaged 9.479-9.499(1207-1211)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



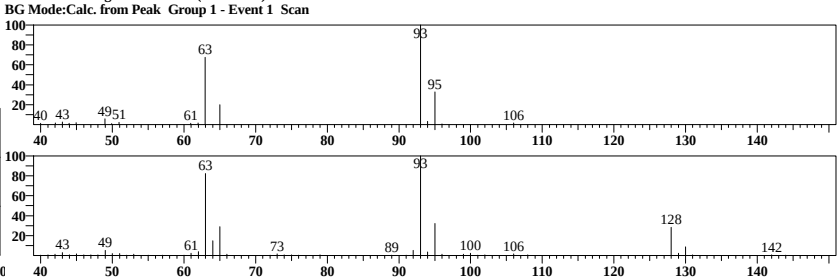
Mass:93.00 R.T:9.485 Area:64898 Conc:10.57220ppm
Event:1:Scan SI:83

#	m/z	Area	Ratio	Reference
1	63.00	22241	67.44	95.54
2	95.00	10793	32.73	33.05



ID#:12 Name:bis(2-Chloroethyl)Ether Type:Target No Manual Integration

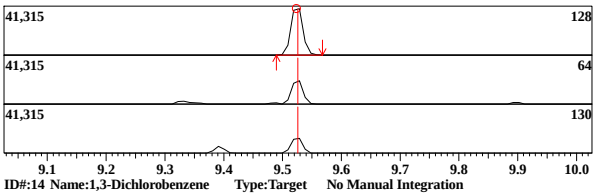
ID#:12 R.Time:9.489(Scan#:1209)
MassPeaks:17
RawMode:Averaged 9.479-9.499(1207-1211)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:13 Name:2-Chlorophenol Type:Target No Manual Integration

Mass:128.00 R.T:9.524 Area:58894 Conc:10.11493ppm
Event:1:Scan SI:84

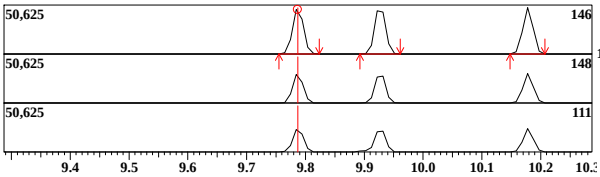
#	m/z	Area	Ratio	Reference
1	64.00	13787	46.76	65.60
2	130.00	9264	31.42	31.89



ID#:14 Name:1,3-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.787 Area:62840 Conc:10.54404ppm
Event:1:Scan SI:94

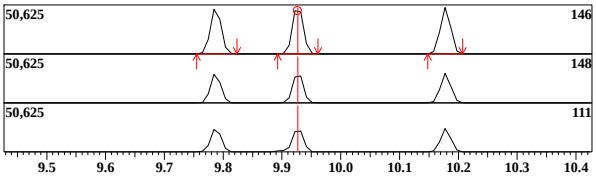
#	m/z	Area	Ratio	Reference
1	148.00	20286	62.46	64.92
2	111.00	16307	50.21	55.28



ID#:15 Name:1,4-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.927 Area:64767 Conc:10.62595ppm
Event:1:Scan SI:89

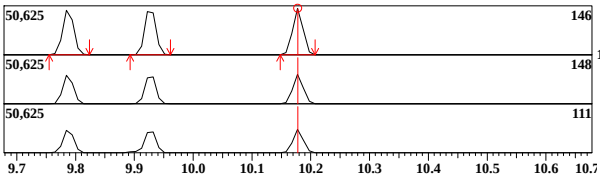
#	m/z	Area	Ratio	Reference
1	148.00	20205	62.13	66.17
2	111.00	15107	46.45	47.39



ID#:16 Name:1,2-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:10.178 Area:60301 Conc:10.27069ppm
Event:1:Scan SI:97

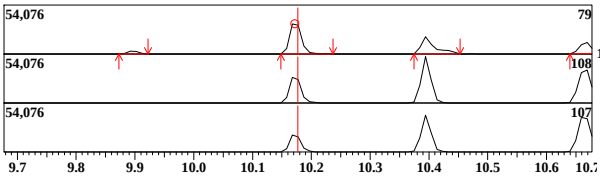
#	m/z	Area	Ratio	Reference
1	148.00	20204	62.84	65.19
2	111.00	15928	49.54	55.22



ID#:17 Name:Benzyl Alcohol Type:Target No Manual Integration

Mass:79.00 R.T:10.172 Area:50139 Conc:9.80074ppm
Event:1:Scan SI:96

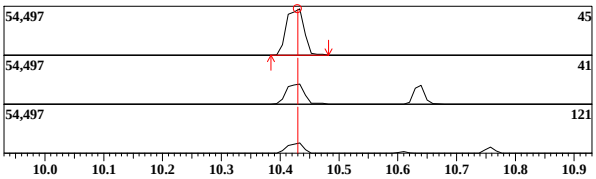
#	m/z	Area	Ratio	Reference
1	108.00	20087	84.06	85.77
2	107.00	13133	54.96	58.74



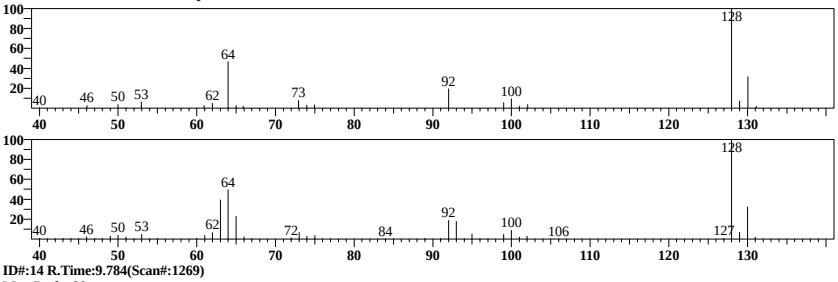
ID#:18 Name:bis(2-Chloroisopropyl) Ether Type:Target No Manual Integration

Mass:45.00 R.T:10.429 Area:109901 Conc:10.34074ppm
Event:1:Scan SI:96

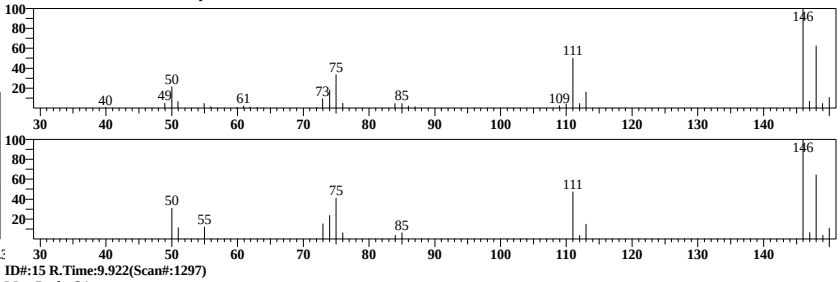
#	m/z	Area	Ratio	Reference
1	41.00	18055	44.19	39.13
2	121.00	8592	21.03	18.18



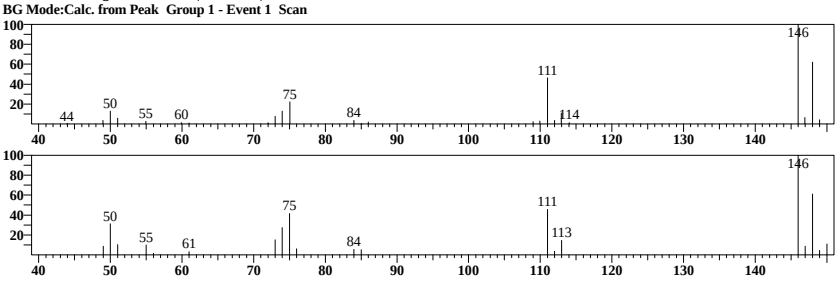
ID#:13 R.Time:9.529(Scan#:1217)
MassPeaks:22
RawMode:Averaged 9.519-9.539(1215-1219)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



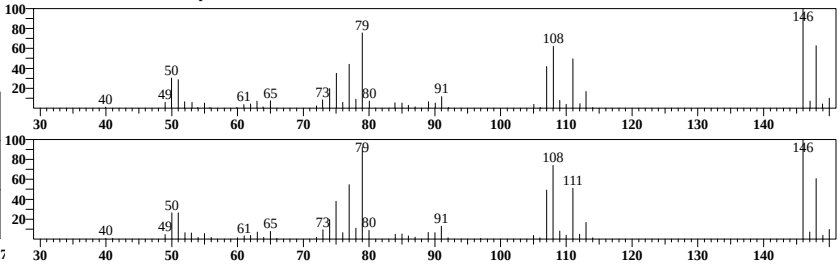
ID#:14 R.Time:9.784(Scan#:1269)
MassPeaks:29
RawMode:Averaged 9.774-9.794(1267-1271)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



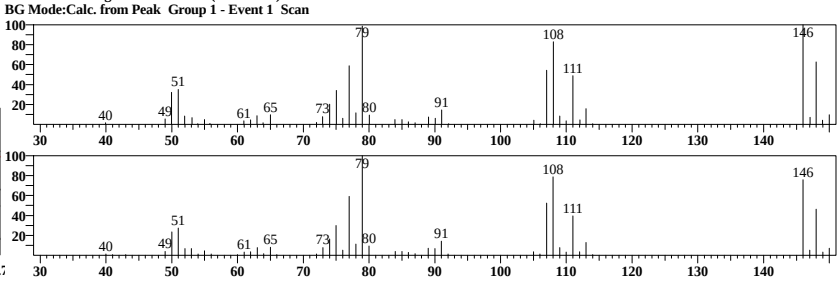
ID#:15 R.Time:9.922(Scan#:1297)
MassPeaks:24
RawMode:Averaged 9.912-9.932(1295-1299)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



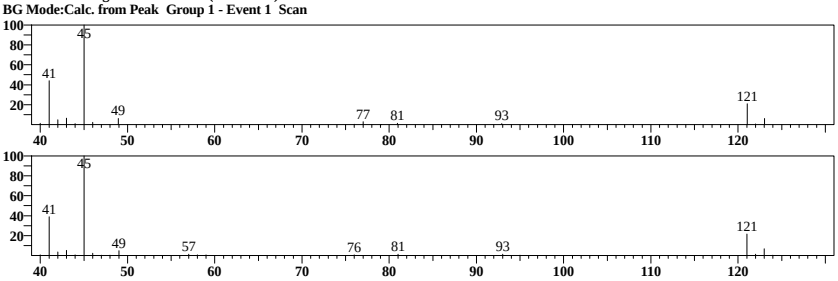
ID#:16 R.Time:10.178(Scan#:1349)
MassPeaks:47
RawMode:Averaged 10.168-10.188(1347-1351)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:17 R.Time:10.168(Scan#:1347)
MassPeaks:46
RawMode:Averaged 10.158-10.178(1345-1349)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



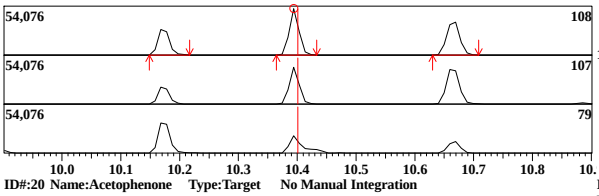
ID#:18 R.Time:10.433(Scan#:1401)
MassPeaks:16
RawMode:Averaged 10.424-10.443(1399-1403)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



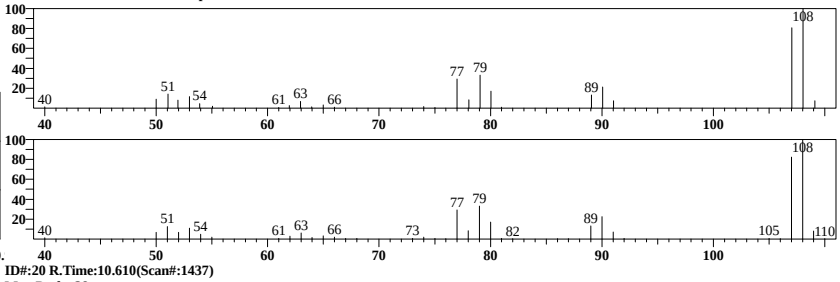
ID#:19 Name:2-Methylphenol (o-Cresol) Type:Target No Manual Integration

Mass:108.00 R.T:10.394 Area:60409 Conc:10.41102ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	107.00	25936	80.59	84.56
2	79.00	10652	33.10	35.28



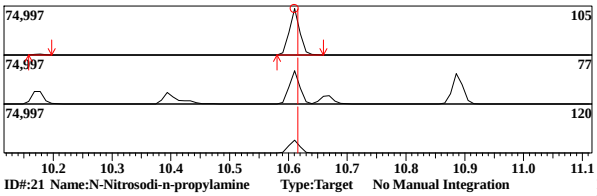
ID#:19 R.Time:10.394(Scan#:1393)
MassPeaks:26
RawMode:Averaged 10.384-10.404(1391-1395)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



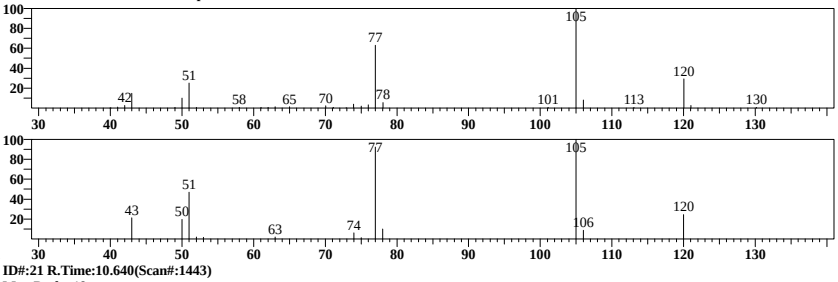
ID#:20 Name:Acetophenone Type:Target No Manual Integration

Mass:105.00 R.T:10.610 Area:87961 Conc:10.30813ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	77.00	29196	63.09	73.31
2	120.00	13576	29.34	24.48



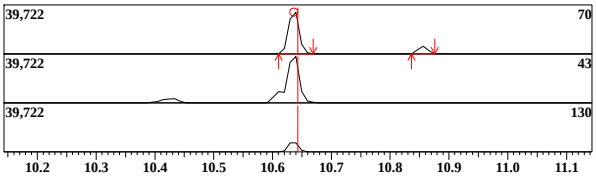
ID#:20 R.Time:10.610(Scan#:1437)
MassPeaks:28
RawMode:Averaged 10.601-10.620(1435-1439)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



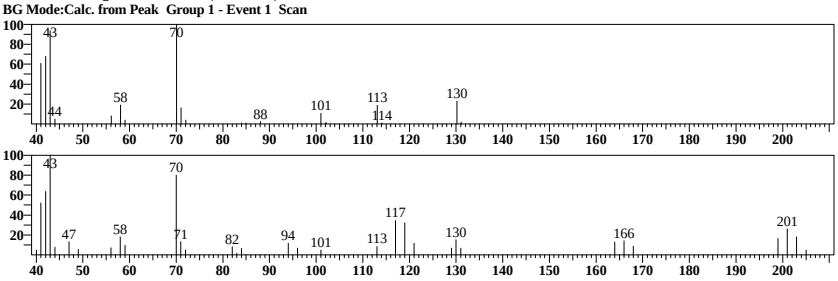
ID#:21 Name:N-Nitrosodi-n-propylamine Type:Target No Manual Integration

Mass:70.00 R.T:10.637 Area:44692 Conc:10.18827ppm
Event:1:Scan SI:73

#	m/z	Area	Ratio	Reference
1	43.00	21888	93.44	109.00
2	130.00	5320	22.71	17.19



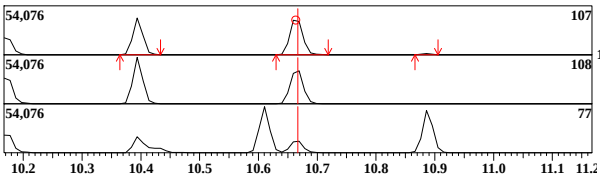
ID#:21 R.Time:10.640(Scan#:1443)
MassPeaks:19
RawMode:Averaged 10.630-10.650(1441-1445)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



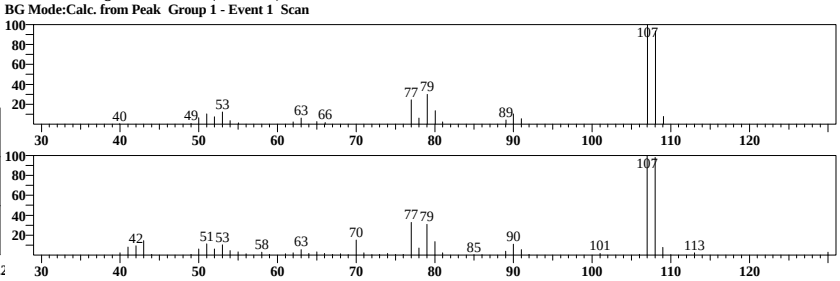
ID#:22 Name:3+4-Methylphenol(m&p-Cresol) Type:Target No Manual Integration

Mass:107.00 R.T:10.664 Area:62742 Conc:10.07774ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	108.00	27459	93.58	95.43
2	77.00	7201	24.54	31.91



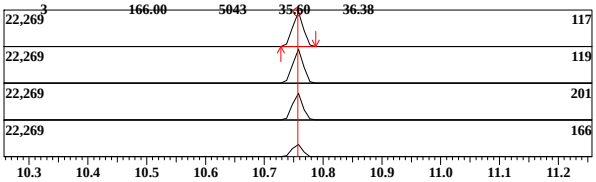
ID#:22 R.Time:10.660(Scan#:1447)
MassPeaks:23
RawMode:Averaged 10.650-10.669(1445-1449)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



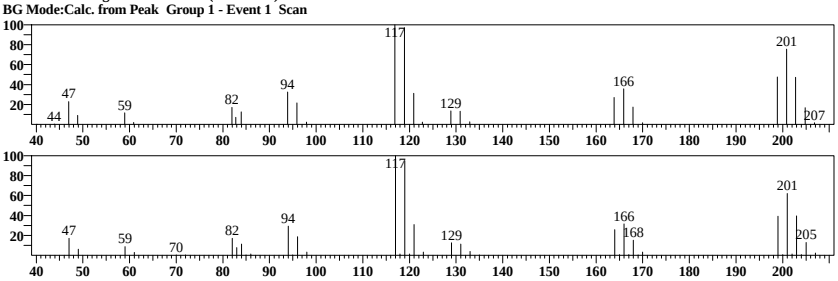
ID#:23 Name:Hexachloroethane Type:Target No Manual Integration

Mass:117.00 R.T:10.757 Area:26703 Conc:10.38969ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	119.00	13749	97.07	92.41
2	201.00	10688	75.46	78.73
3	166.00	5043	35.60	36.38



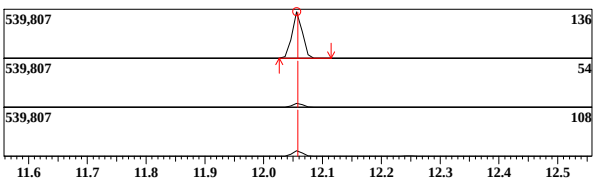
ID#:23 R.Time:10.758(Scan#:1467)
MassPeaks:28
RawMode:Averaged 10.748-10.768(1465-1469)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



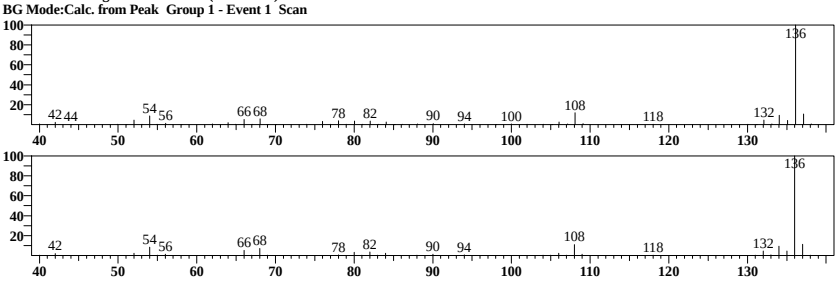
ID#:24 Name:Naphthalene-d8 (IS) Type:ISTD No Manual Integration

Mass:136.00 R.T:12.057 Area:635194 Conc:40.00000ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	54.00	29468	8.72	11.97
2	108.00	40461	11.97	12.20



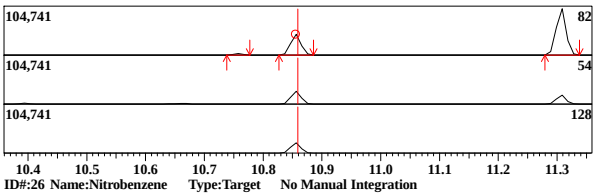
ID#:24 R.Time:12.056(Scan#:1731)
MassPeaks:53
RawMode:Averaged 12.046-12.066(1729-1733)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



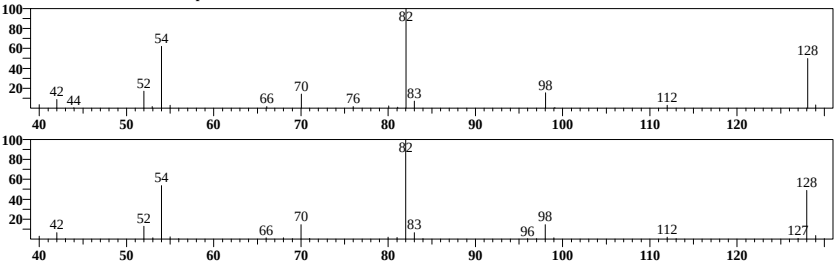
ID#:25 Name:Nitrobenzene-d5 Type:Surrogate/SMC No Manual Integration

Mass:82.00 R.T:10.855 Area:55695 Conc:9.42154ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	54.00	18308	61.93	65.85
2	128.00	14712	49.77	43.44



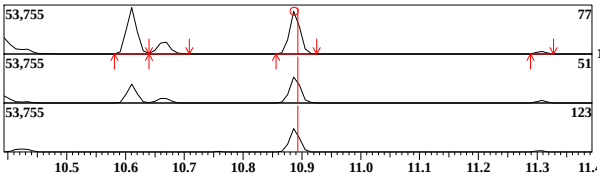
ID#:25 R.Time:10.856(Scan#:1487)
MassPeaks:19
RawMode:Averaged 10.846-10.866(1485-1489)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



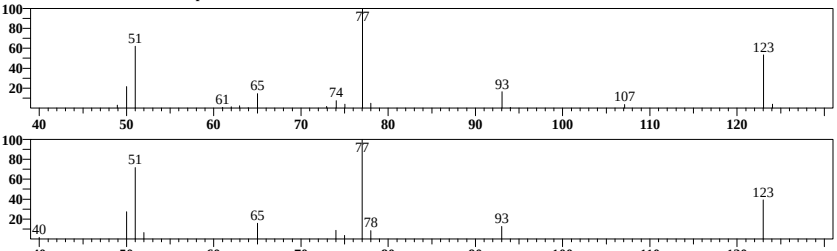
ID#:26 Name:Nitrobenzene Type:Target No Manual Integration

Mass:77.00 R.T:10.887 Area:59505 Conc:9.57412ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	51.00	19158	62.07	61.12
2	123.00	16516	53.51	46.32



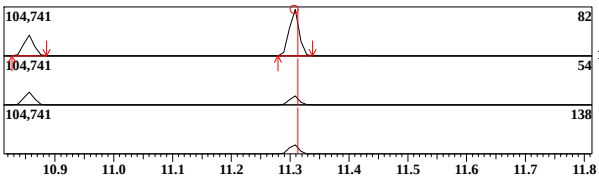
ID#:26 R.Time:10.886(Scan#:1493)
MassPeaks:18
RawMode:Averaged 10.876-10.896(1491-1495)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



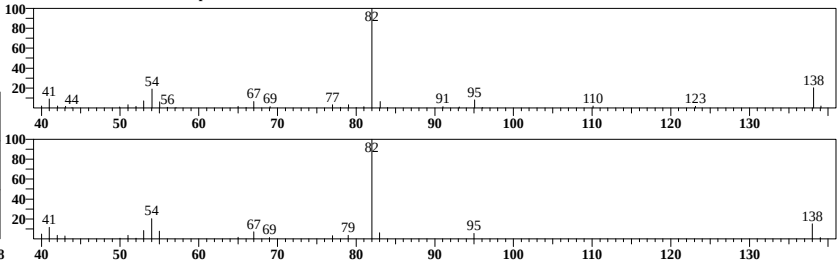
ID#:27 Name:Isophorone Type:Target No Manual Integration

Mass:82.00 R.T:11.307 Area:119095 Conc:9.72931ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	54.00	12174	19.08	19.87
2	138.00	12877	20.18	14.87



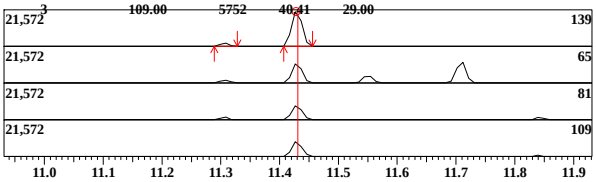
ID#:27 R.Time:11.309(Scan#:1579)
MassPeaks:33
RawMode:Averaged 11.299-11.318(1577-1581)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



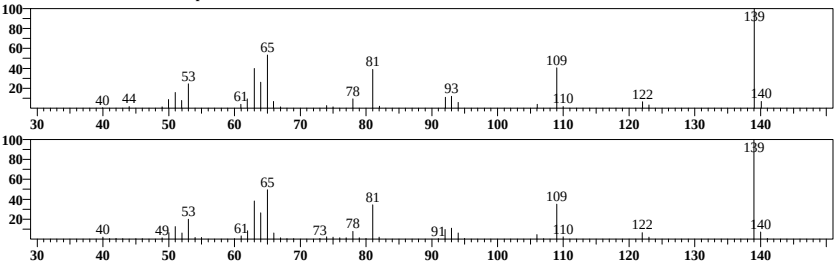
ID#:28 Name:2-Nitrophenol Type:Target No Manual Integration

Mass:139.00 R.T:11.429 Area:26722 Conc:8.77088ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	65.00	7612	53.47	55.00
2	81.00	5555	39.02	33.00
3	109.00	5752	40.41	29.00



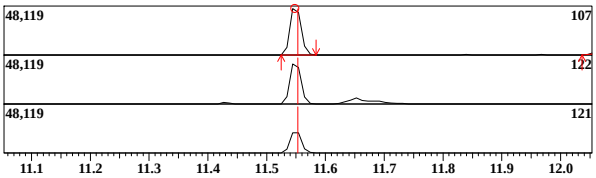
ID#:28 R.Time:11.427(Scan#:1603)
MassPeaks:29
RawMode:Averaged 11.417-11.436(1601-1605)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



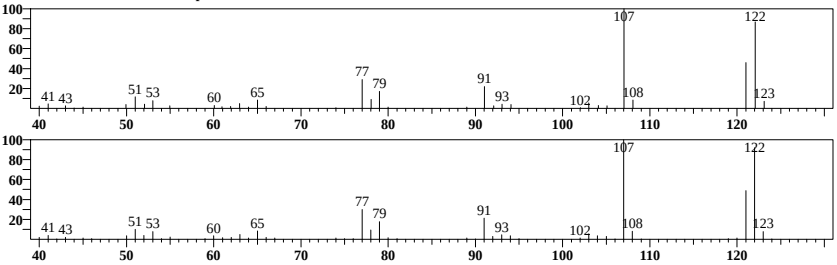
ID#:29 Name:2,4-Dimethylphenol Type:Target No Manual Integration

Mass:107.00 R.T:11.548 Area:62433 Conc:9.38812ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	122.00	27644	86.67	82.87
2	121.00	14703	46.10	42.24



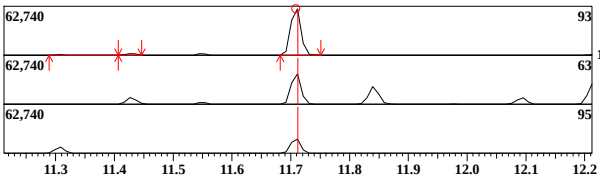
ID#:29 R.Time:11.544(Scan#:1627)
MassPeaks:36
RawMode:Averaged 11.535-11.554(1625-1629)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



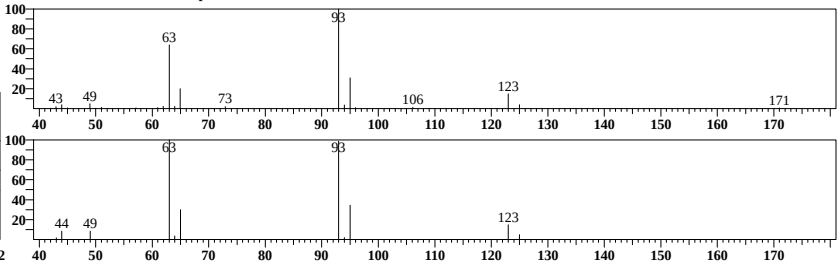
ID#:30 Name:Bis(2-Chloroethoxy)methane Type:Target No Manual Integration

Mass:93.00 R.T:11.709 Area:75057 Conc:9.66308ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	63.00	25728	64.13	85.08
2	95.00	12396	30.90	33.16



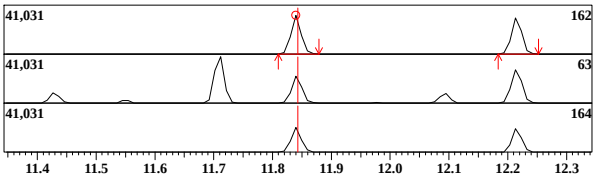
ID#:30 R.Time:11.712(Scan#:1661)
MassPeaks:22
RawMode:Averaged 11.702-11.722(1659-1663)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



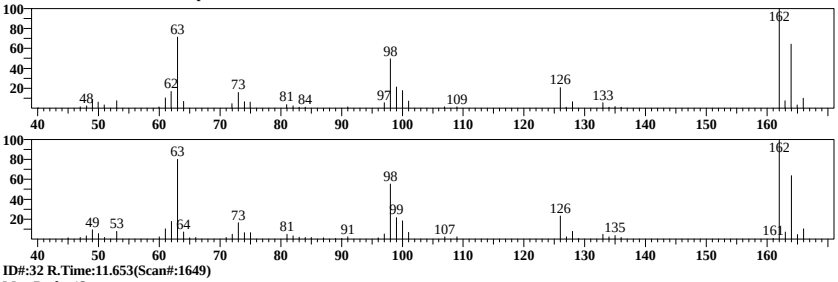
ID#:31 Name:2,4-Dichlorophenol Type:Target No Manual Integration

Mass:162.00 R.T:11.839 Area:39796 Conc:9.56629ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	63.00	14886	71.48	59.00
2	164.00	13372	64.21	65.54



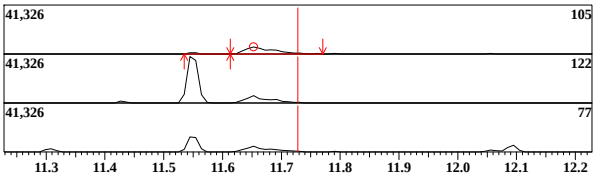
ID#:31 R.Time:11.839(Scan#:1687)
MassPeaks:40
RawMode:Averaged 11.830-11.849(1685-1689)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



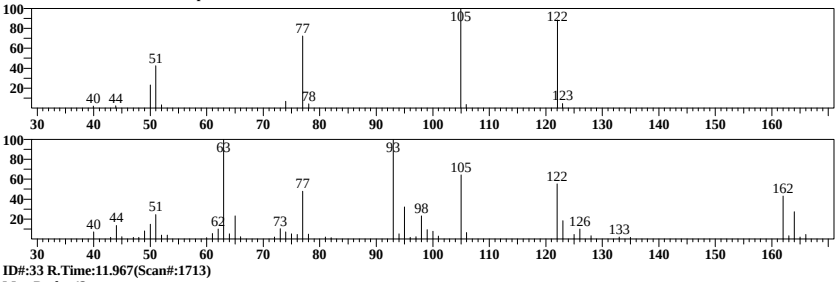
ID#:32 Name:Benzoic Acid Type:Target No Manual Integration

Mass:105.00 R.T:11.653 Area:20955 Conc:9.47517ppm
Event:1:Scan SI:49

#	m/z	Area	Ratio	Reference
1	122.00	4655	88.30	76.85
2	77.00	3807	72.21	75.23



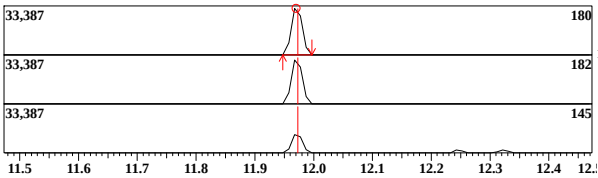
ID#:32 R.Time:11.653(Scan#:1649)
MassPeaks:12
RawMode:Averaged 11.643-11.663(1647-1651)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



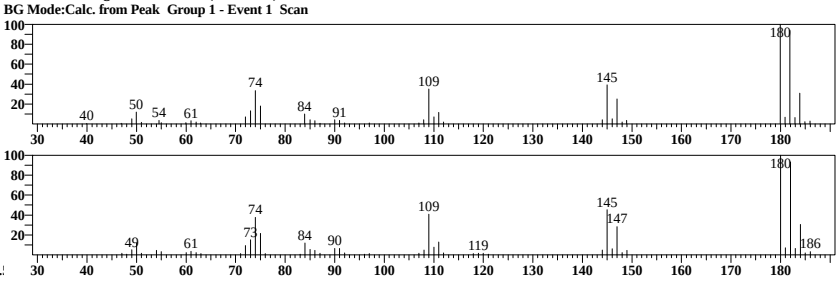
ID#:33 Name:1,2,4-Trichlorobenzene Type:Target No Manual Integration

Mass:180.00 R.T:11.970 Area:42616 Conc:9.67803ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	182.00	20965	93.97	91.21
2	145.00	8749	39.22	29.06



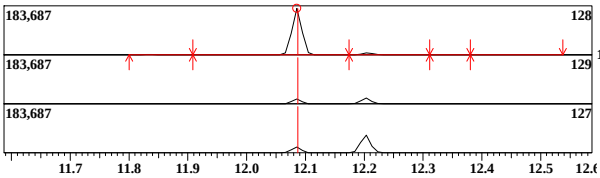
ID#:33 R.Time:11.967(Scan#:1713)
MassPeaks:42
RawMode:Averaged 11.958-11.977(1711-1715)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



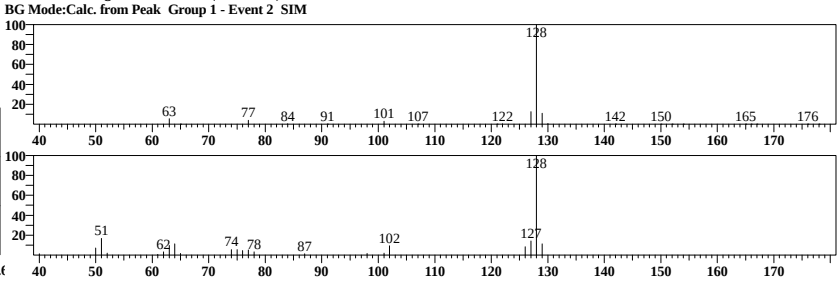
ID#:34 Name:Naphthalene Type:Target No Manual Integration

Mass:128.00 R.T:12.085 Area:210073 Conc:9.66391ppm
Event:2:SIM SI:88

#	m/z	Area	Ratio	Reference
1	129.00	12206	10.86	10.48
2	127.00	13975	12.44	13.97



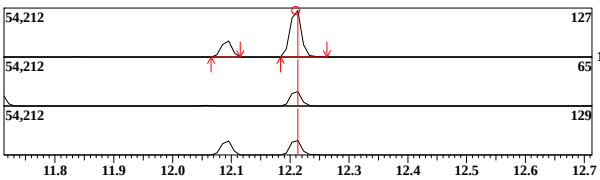
ID#:34 R.Time:12.085(Scan#:1738)
MassPeaks:22
RawMode:Averaged 12.076-12.095(1736-1740)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



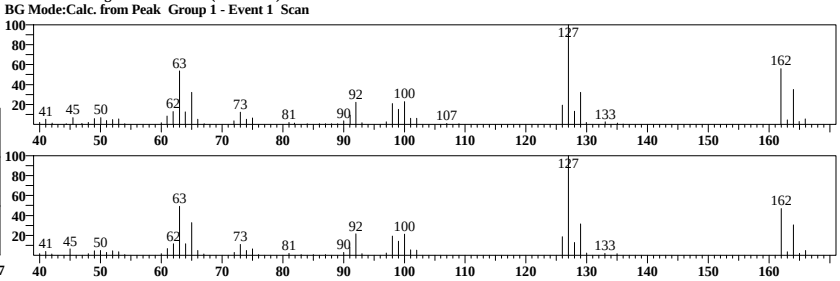
ID#:35 Name:4-Chloroaniline Type:Target No Manual Integration

Mass:127.00 R.T:12.210 Area:71416 Conc:9.35088ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	65.00	11602	32.04	45.58
2	129.00	11638	32.14	30.27



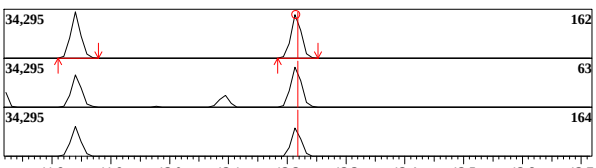
ID#:35 R.Time:12.213(Scan#:1763)
MassPeaks:57
RawMode:Averaged 12.203-12.223(1761-1765)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



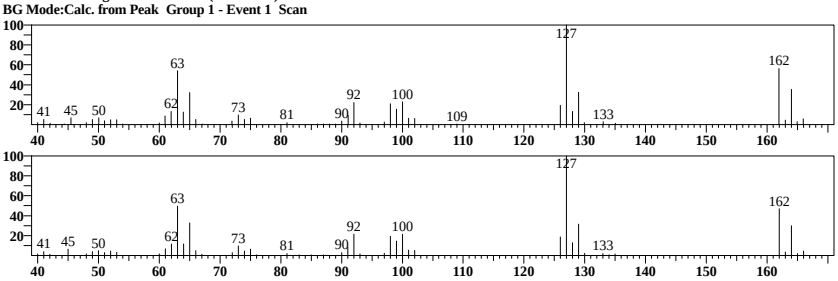
ID#:36 Name:2,6-Dichlorophenol Type:Target No Manual Integration

Mass:162.00 R.T:12.214 Area:38700 Conc:9.45964ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	63.00	19426	96.01	88.00
2	164.00	12679	62.66	62.85



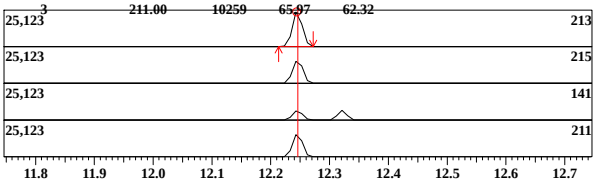
ID#:36 R.Time:12.213(Scan#:1763)
MassPeaks:54
RawMode:Averaged 12.203-12.223(1761-1765)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



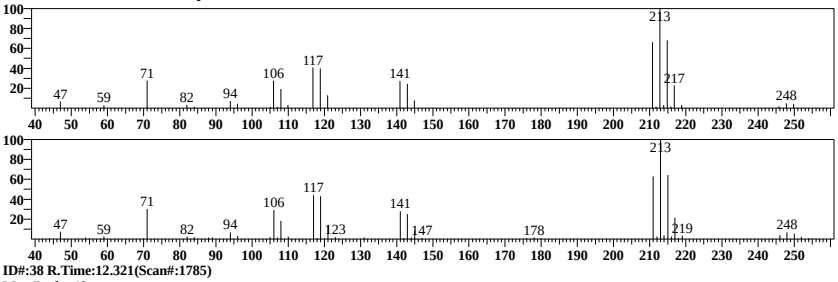
ID#:37 Name:Hexachloropropene Type:Target No Manual Integration

Mass:213.00 R.T:12.244 Area:29526 Conc:9.15992ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	215.00	10573	67.99	64.65
2	141.00	4178	26.87	22.52
3	211.00	10259	65.97	62.32



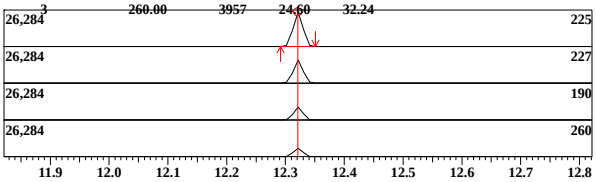
ID#:37 R.Time:12.243(Scan#:1769)
MassPeaks:30
RawMode:Averaged 12.233-12.253(1767-1771)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



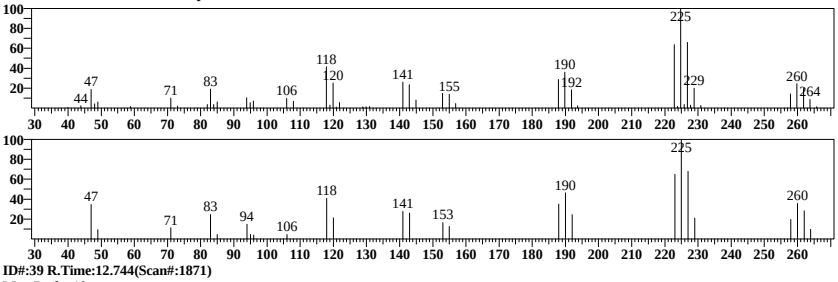
ID#:38 Name:Hexachlorobutadiene Type:Target No Manual Integration

Mass:225.00 R.T:12.321 Area:29622 Conc:9.79643ppm
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	227.00	10590	65.83	64.03
2	190.00	5803	36.07	38.21
3	260.00	3957	24.60	32.24



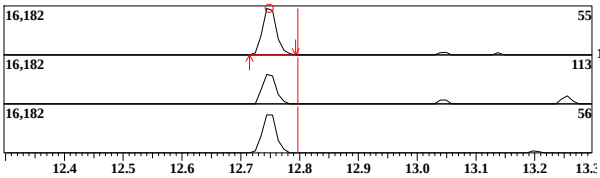
ID#:38 R.Time:12.321(Scan#:1785)
MassPeaks:48
RawMode:Averaged 12.312-12.331(1783-1787)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



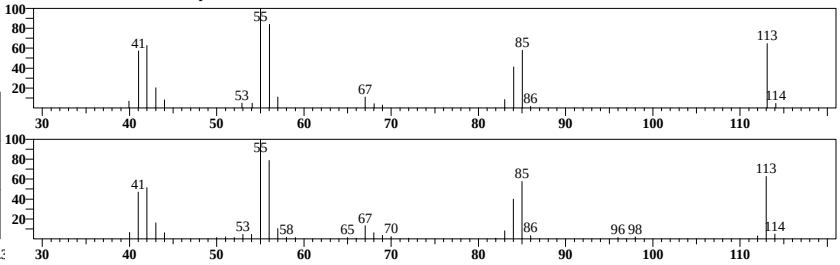
ID#:39 Name:Caprolactam Type:Target No Manual Integration

Mass:55.00 R.T:12.748 Area:26296 Conc:9.16516ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	113.00	7897	64.65	78.00
2	56.00	10258	83.98	79.15



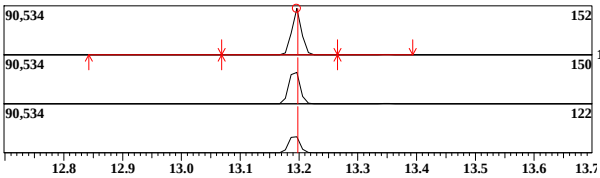
ID#:39 R.Time:12.744(Scan#:1871)
MassPeaks:19
RawMode:Averaged 12.734-12.754(1869-1873)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



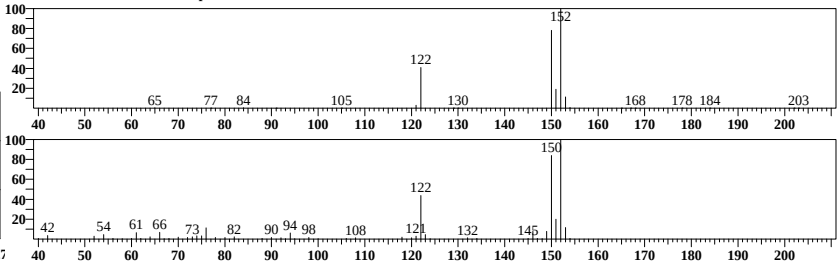
ID#:40 Name:2-Methylnaphthalene-d10 Type:Target No Manual Integration

Mass:152.00 R.T:13.196 Area:100331 Conc:9.93539ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	150.00	41960	78.19	58.54
2	122.00	21912	40.83	46.34



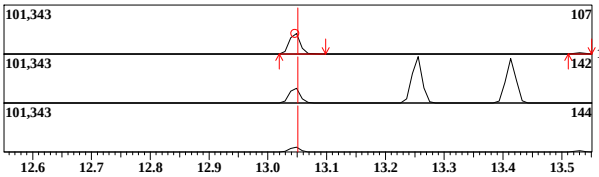
ID#:40 R.Time:13.196(Scan#:1964)
MassPeaks:21
RawMode:Averaged 13.187-13.206(1962-1966)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



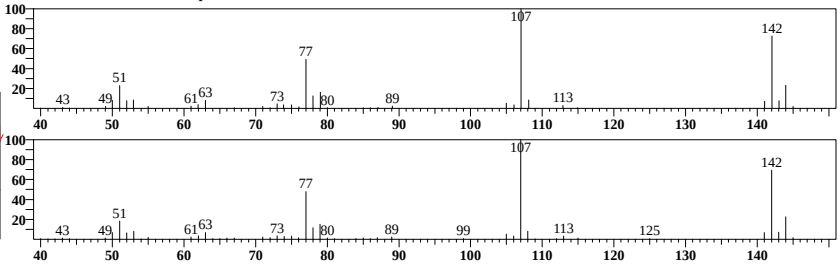
ID#:41 Name:4-Chloro-3-methylphenol Type:Target No Manual Integration

Mass:107.00 R.T:13.046 Area:57558 Conc:9.48347ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	142.00	21444	72.66	60.24
2	144.00	6847	23.20	18.55



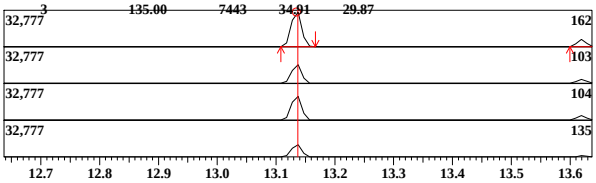
ID#:41 R.Time:13.049(Scan#:1933)
MassPeaks:38
RawMode:Averaged 13.039-13.059(1931-1935)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



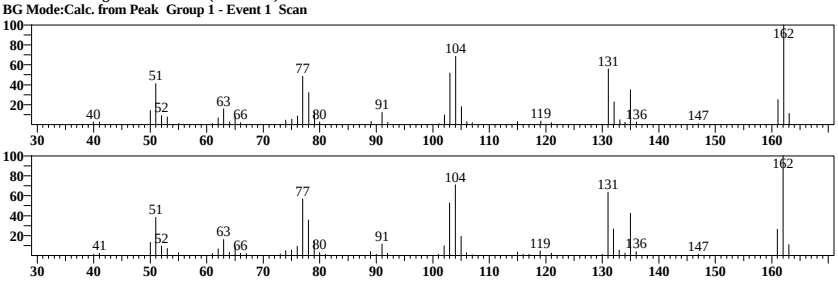
ID#:42 Name:Safrole Type:Target No Manual Integration

Mass:162.00 R.T:13.135 Area:40152 Conc:9.88683ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	103.00	11018	51.67	50.38
2	104.00	14603	68.48	67.22
3	135.00	7443	34.91	29.87



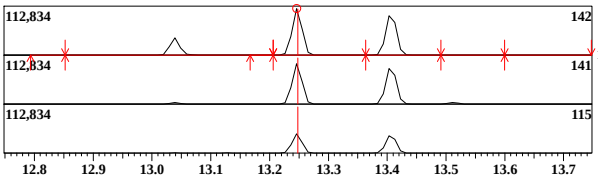
ID#:42 R.Time:13.137(Scan#:1951)
MassPeaks:43
RawMode:Averaged 13.128-13.147(1949-1953)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:43 Name:2-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.246 Area:131153 Conc:9.46793ppm
Event:2:SIM SI:97

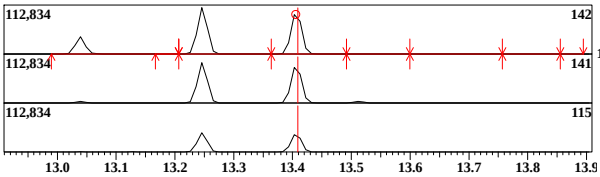
#	m/z	Area	Ratio	Reference
1	141.00	60846	87.04	68.04
2	115.00	29020	41.51	50.52



ID#:44 Name:1-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.406 Area:123739 Conc:9.41744ppm
Event:2:SIM SI:92

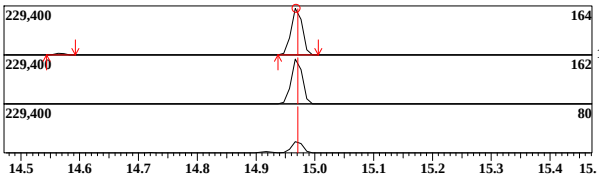
#	m/z	Area	Ratio	Reference
1	141.00	57608	89.90	72.83
2	115.00	27979	43.66	32.61



ID#:45 Name:Acenaphthene-d10 (IS) Type:ISTD No Manual Integration

Mass:164.00 R.T:14.969 Area:294921 Conc:40.00000ppm
Event:1:Scan SI:97

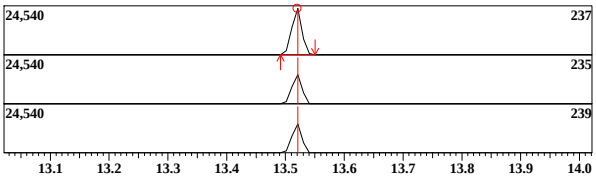
#	m/z	Area	Ratio	Reference
1	162.00	148516	95.81	95.44
2	80.00	38590	24.89	29.92



ID#:46 Name:Hexachlorocyclopentadiene Type:Target No Manual Integration

Mass:237.00 R.T:13.520 Area:28386 Conc:10.10335ppm
Event:1:Scan SI:96

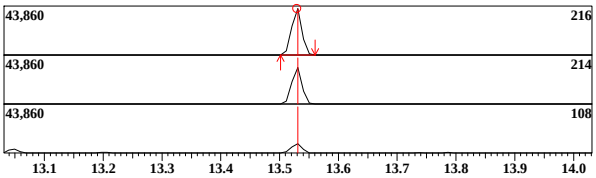
#	m/z	Area	Ratio	Reference
1	235.00	9640	63.83	58.98
2	239.00	9386	62.15	65.78



ID#:47 Name:1,2,4,5-Tetrachlorobenzene Type:Target No Manual Integration

Mass:216.00 R.T:13.529 Area:51579 Conc:9.82198ppm
Event:1:Scan SI:79

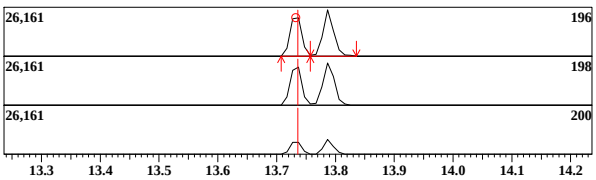
#	m/z	Area	Ratio	Reference
1	214.00	21524	78.47	78.02
2	108.00	5787	21.10	22.55



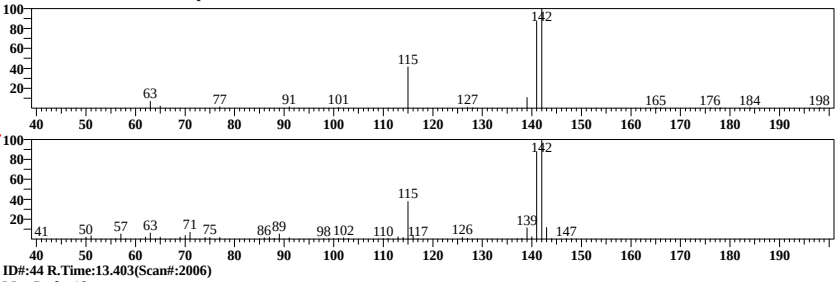
ID#:48 Name:2,4,6-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.733 Area:29933 Conc:9.63931ppm
Event:1:Scan SI:95

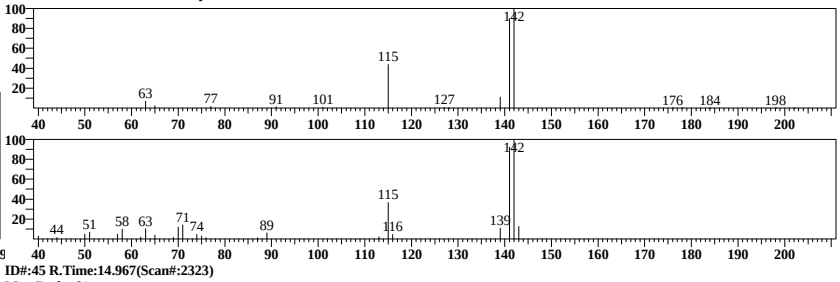
#	m/z	Area	Ratio	Reference
1	198.00	14086	94.93	94.42
2	200.00	4786	32.26	32.47



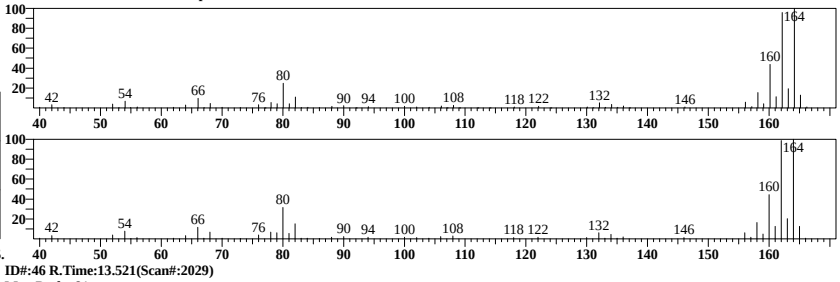
ID#:43 R.Time:13.246(Scan#:1974)
MassPeaks:17
RawMode:Averaged 13.236-13.256(1972-1976)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



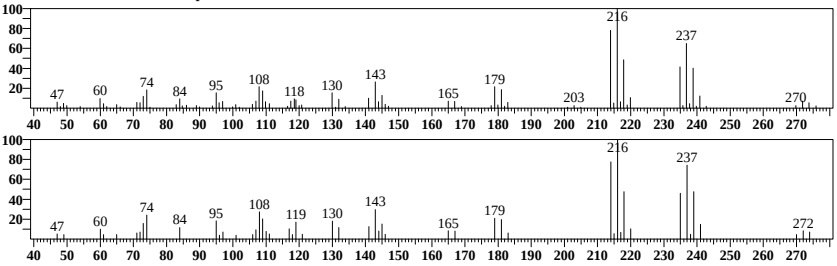
ID#:44 R.Time:13.403(Scan#:2006)
MassPeaks:16
RawMode:Averaged 13.393-13.413(2004-2008)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



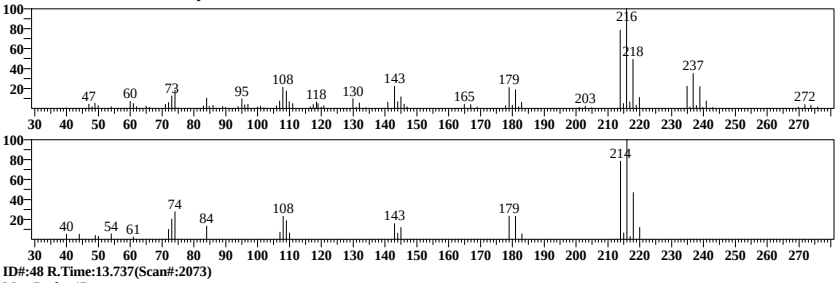
ID#:45 R.Time:14.967(Scan#:2323)
MassPeaks:61
RawMode:Averaged 14.957-14.976(2321-2325)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



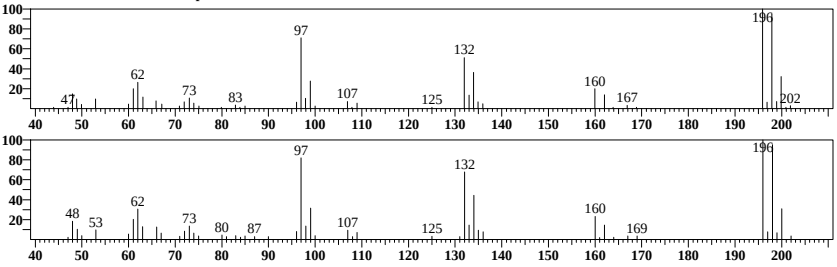
ID#:46 R.Time:13.521(Scan#:2029)
MassPeaks:81
RawMode:Averaged 13.511-13.531(2027-2031)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:47 R.Time:13.531(Scan#:2031)
MassPeaks:82
RawMode:Averaged 13.521-13.541(2029-2033)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



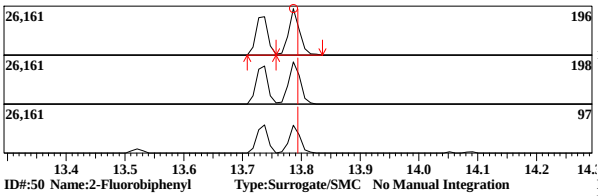
ID#:48 R.Time:13.737(Scan#:2073)
MassPeaks:47
RawMode:Averaged 13.727-13.747(2071-2075)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

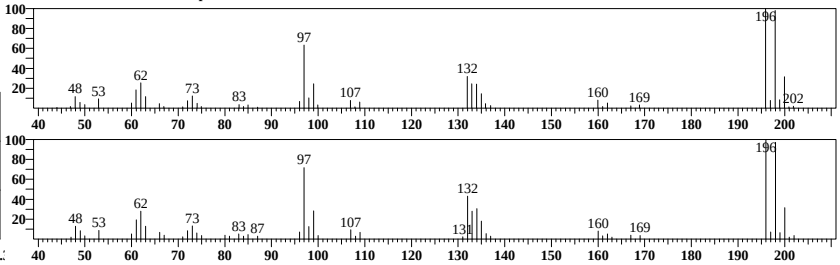


ID#:49 Name:2,4,5-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.787 Area:32320 Conc:9.55070ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	198.00	15541	98.17	97.81
2	97.00	10002	63.18	65.15



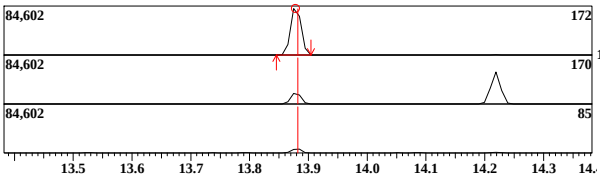


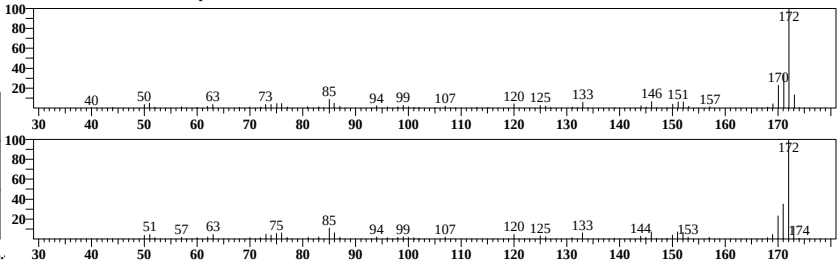
ID#:49 R.Time:13.787(Scan#:2083)
MassPeaks:47
RawMode:Averaged 13.777-13.796(2081-2085)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:50 Name:2-Fluorobiphenyl Type:Surrogate/SMC No Manual Integration

Mass:172.00 R.T:13.878 Area:105311 Conc:9.84769ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	170.00	12696	22.95	22.48
2	85.00	4890	8.84	9.13



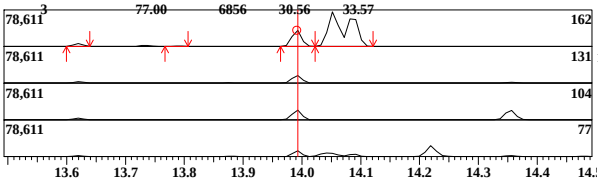


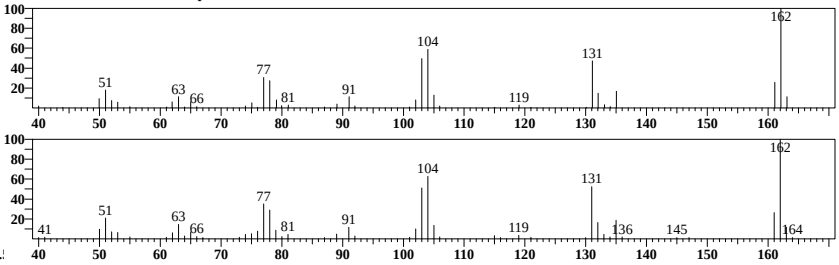
ID#:50 R.Time:13.875(Scan#:2101)
MassPeaks:61
RawMode:Averaged 13.865-13.885(2099-2103)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:51 Name:Isosafrole Type:Target No Manual Integration

Mass:162.00 R.T:13.991 Area:41924 Conc:9.98593ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	131.00	10616	47.32	42.54
2	104.00	13236	59.00	57.35
3	77.00	6856	30.56	33.57



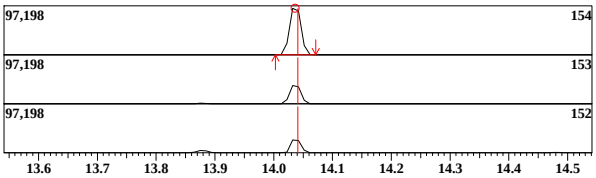


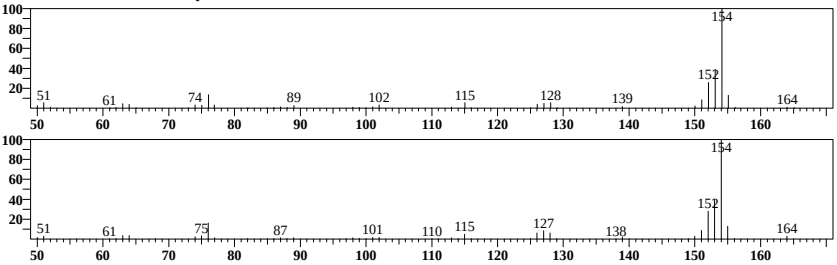
ID#:51 R.Time:13.993(Scan#:2125)
MassPeaks:43
RawMode:Averaged 13.983-14.003(2123-2127)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:52 Name:1,1'-Biphenyl Type:Target No Manual Integration

Mass:154.00 R.T:14.037 Area:131855 Conc:9.90918ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	153.00	26310	38.87	38.49
2	152.00	17452	25.78	28.01



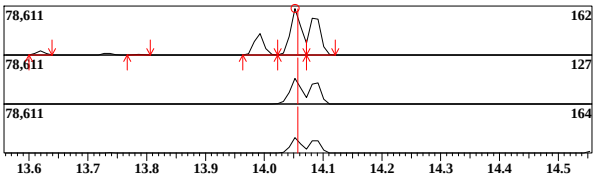


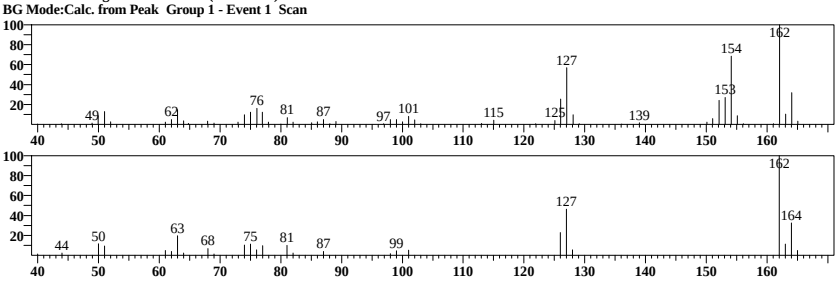
ID#:52 R.Time:14.032(Scan#:2133)
MassPeaks:42
RawMode:Averaged 14.023-14.042(2131-2135)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:53 Name:2-Chloronaphthalene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/1/2022

Mass:162.00 R.T:14.053 Area:102509 Conc:9.93024ppm
Event:1:Scan SI:77

#	m/z	Area	Ratio	Reference
1	127.00	22005	56.89	48.49
2	164.00	12332	31.88	32.94



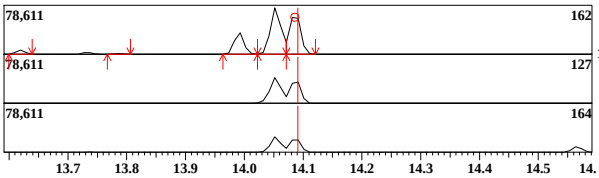


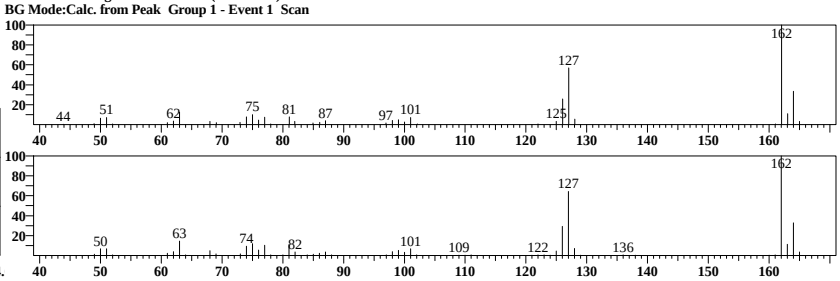
ID#:53 R.Time:14.052(Scan#:2137)
MassPeaks:56
RawMode:Averaged 14.042-14.062(2135-2139)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:54 Name:1-Chloronaphthalene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/1/2022

Mass:162.00 R.T:14.086 Area:78025 Conc:9.65616ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	127.00	17101	56.95	48.49
2	164.00	10047	33.46	32.94



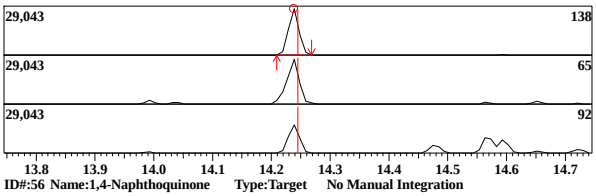


ID#:54 R.Time:14.082(Scan#:2143)
MassPeaks:37
RawMode:Averaged 14.072-14.091(2141-2145)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

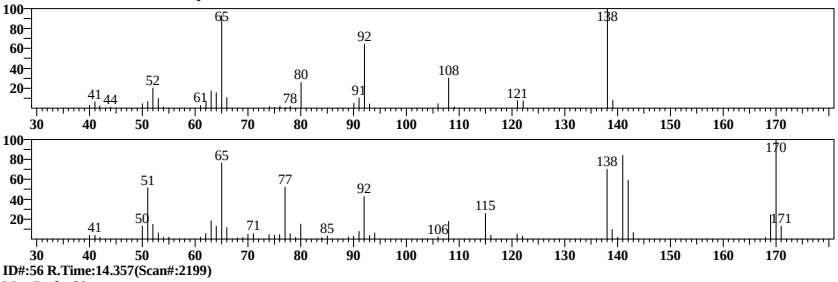
ID#:55 Name:2-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.238 Area:35010 Conc:9.42188ppm
Event:1:Scan SI:63

#	m/z	Area	Ratio	Reference
1	65.00	17130	92.88	101.46
2	92.00	11837	64.18	55.64



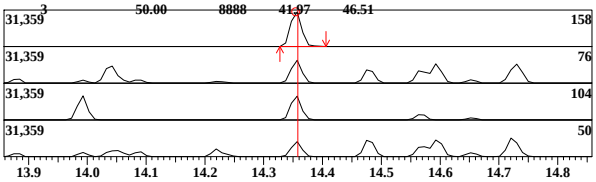
ID#:55 R.Time:14.239(Scan#:2175)
MassPeaks:32
RawMode:Averaged 14.229-14.249(2173-2177)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



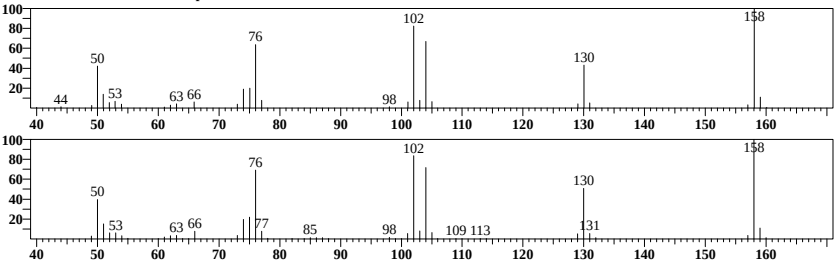
ID#:56 Name:1,4-Naphthoquinone Type:Target No Manual Integration

Mass:158.00 R.T:14.355 Area:40886 Conc:9.95602ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	76.00	13488	63.70	68.34
2	104.00	14188	67.00	74.24
3	50.00	8888	41.97	46.51



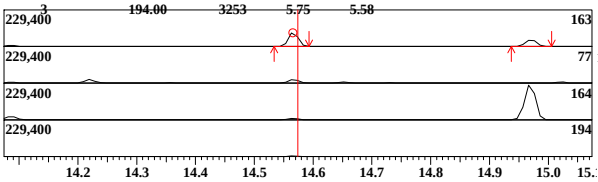
ID#:56 R.Time:14.357(Scan#:2199)
MassPeaks:30
RawMode:Averaged 14.347-14.367(2197-2201)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



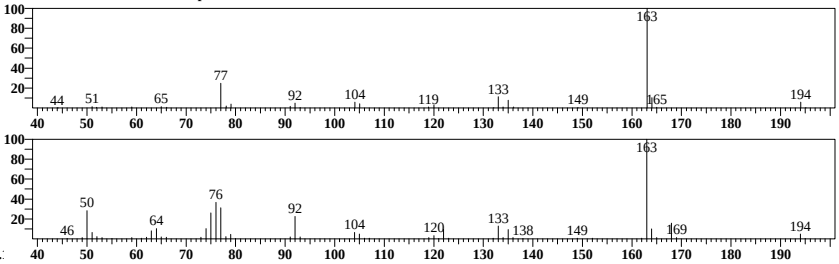
ID#:57 Name:Dimethyl phthalate Type:Target No Manual Integration

Mass:163.00 R.T:14.566 Area:106055 Conc:9.86534ppm
Event:1:Scan SI:69

#	m/z	Area	Ratio	Reference
1	77.00	14018	24.79	29.31
2	164.00	5890	10.42	10.65
3	194.00	3253	5.75	5.58



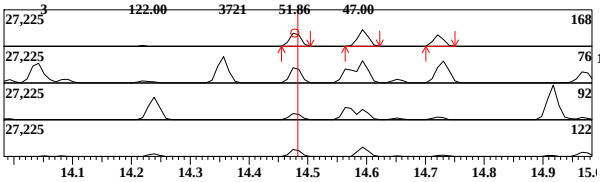
ID#:57 R.Time:14.563(Scan#:2241)
MassPeaks:28
RawMode:Averaged 14.554-14.573(2239-2243)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



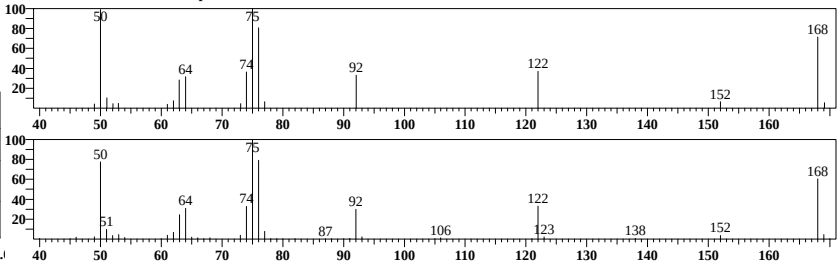
ID#:58 Name:1,3-Dinitrobenzene Type:Target No Manual Integration

Mass:168.00 R.T:14.478 Area:13709 Conc:9.89565ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	76.00	8088	112.72	100.00
2	92.00	3335	46.48	44.00
3	122.00	3721	51.86	47.00



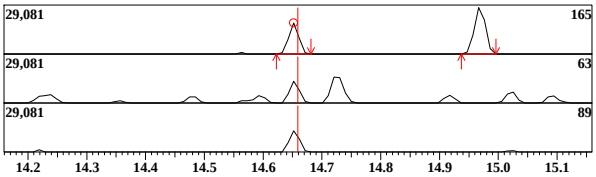
ID#:58 R.Time:14.475(Scan#:2223)
MassPeaks:19
RawMode:Averaged 14.465-14.485(2221-2225)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



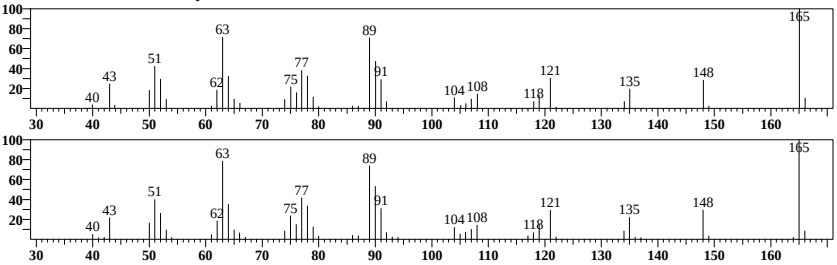
ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT) Type:Target No Manual Integration

Mass:165.00 R.T:14.652 Area:22448 Conc:9.73884ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	63.00	8618	71.26	89.00
2	89.00	8554	70.73	65.00



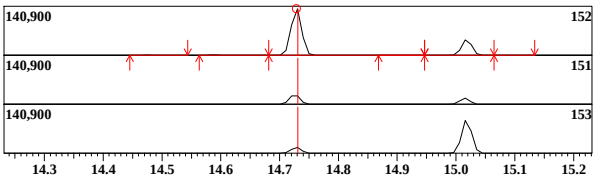
ID#:59 R.Time:14.652(Scan#:2259)
MassPeaks:41
RawMode:Averaged 14.642-14.662(2257-2261)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



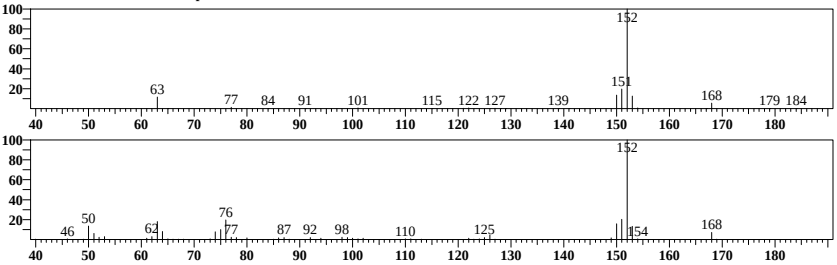
ID#:60 Name:Acenaphthylene Type:Target No Manual Integration

Mass:152.00 R.T:14.729 Area:174796 Conc:9.69178ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	151.00	17951	19.60	14.97
2	153.00	11586	12.65	5.44



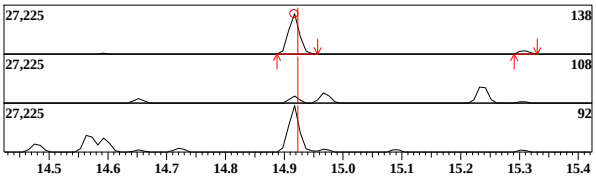
ID#:60 R.Time:14.731(Scan#:2276)
MassPeaks:23
RawMode:Averaged 14.721-14.740(2274-2278)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



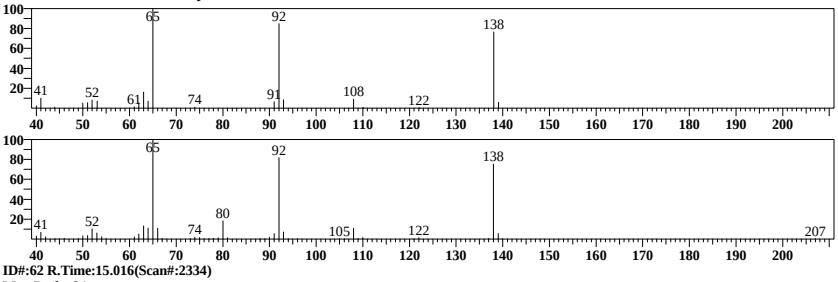
ID#:61 Name:3-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.916 Area:29348 Conc:9.48919ppm
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	108.00	1777	11.65	16.00
2	92.00	16910	110.91	101.00



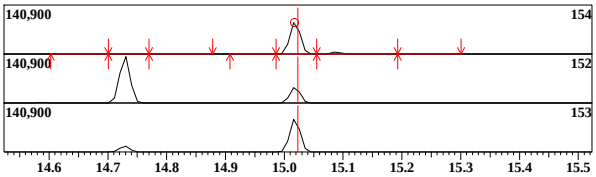
ID#:61 R.Time:14.917(Scan#:2313)
MassPeaks:21
RawMode:Averaged 14.908-14.927(2311-2315)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



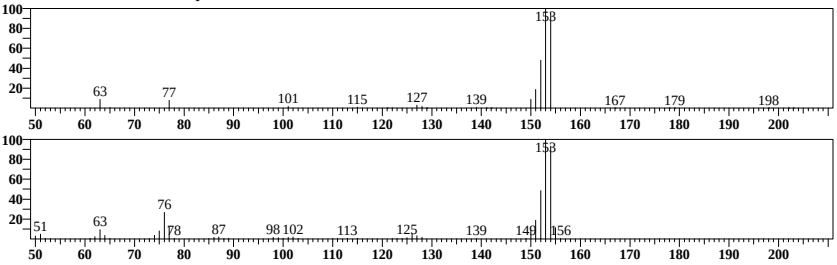
ID#:62 Name:Acenaphthene Type:Target No Manual Integration

Mass:154.00 R.T:15.018 Area:115225 Conc:9.62762ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	152.00	30374	50.16	59.49
2	153.00	63228	104.41	105.06



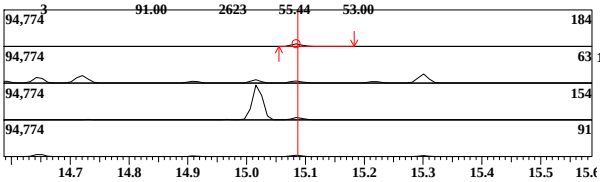
ID#:62 R.Time:15.016(Scan#:2334)
MassPeaks:24
RawMode:Averaged 15.006-15.025(2332-2336)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



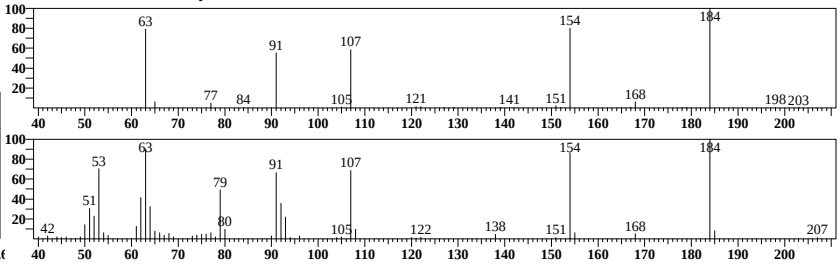
ID#:63 Name:2,4-Dinitrophenol Type:Target Manual Integration Performed
Manual Reason: Baseline smoothing. CMN 12/1/2022

Mass:184.00 R.T:15.085 Area:10047 Conc:9.62858ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	63.00	3738	79.01	90.00
2	154.00	3784	79.98	64.00
3	91.00	2623	55.44	53.00



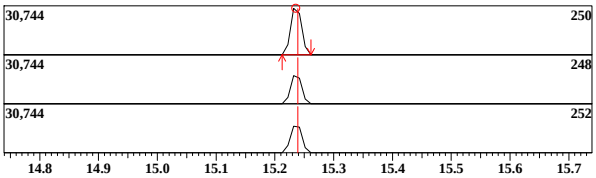
ID#:63 R.Time:15.085(Scan#:2348)
MassPeaks:25
RawMode:Averaged 15.075-15.094(2346-2350)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



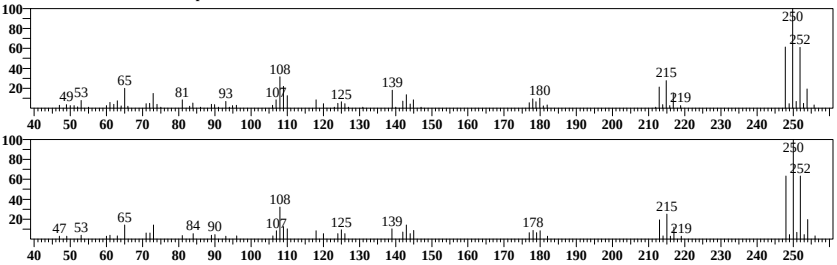
ID#:64 Name:Pentachlorobenzene Type:Target No Manual Integration

Mass:250.00 R.T:15.236 Area:39624 Conc:9.76160ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	248.00	12669	61.43	63.33
2	252.00	12577	60.99	65.87



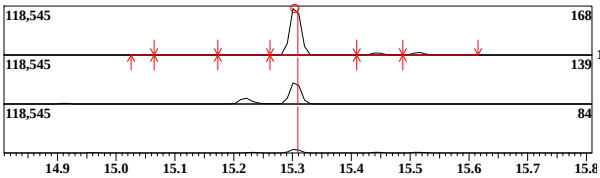
ID#:64 R.Time:15.232(Scan#:2377)
MassPeaks:71
RawMode:Averaged 15.222-15.242(2375-2379)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



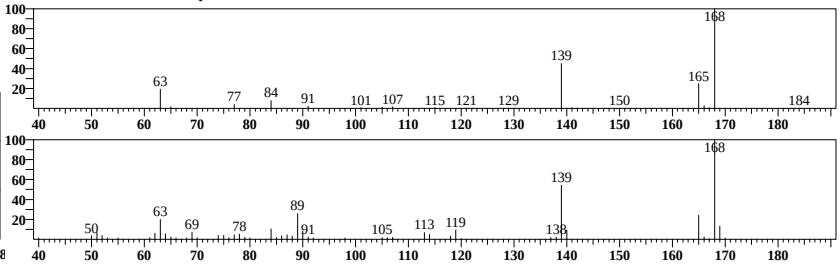
ID#:65 Name:Dibenzofuran Type:Target No Manual Integration

Mass:168.00 R.T:15.304 Area:157836 Conc:9.93001ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	139.00	36196	44.88	44.93
2	84.00	6289	7.80	10.15



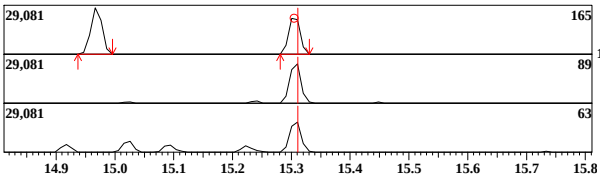
ID#:65 R.Time:15.301(Scan#:2392)
MassPeaks:26
RawMode:Averaged 15.291-15.311(2390-2394)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



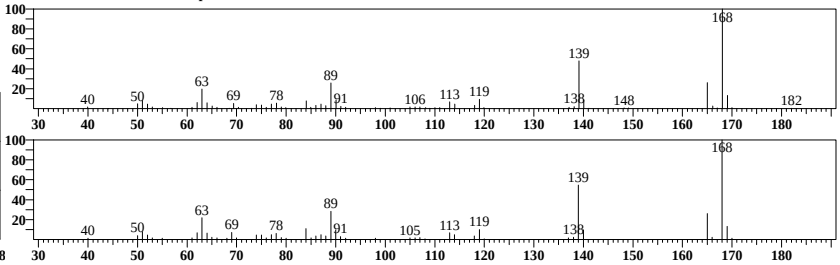
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT) Type:Target No Manual Integration

Mass:165.00 R.T:15.305 Area:30648 Conc:9.21614ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	89.00	15524	98.04	96.00
2	63.00	11929	75.33	80.00



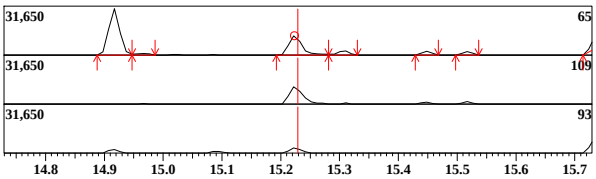
ID#:66 R.Time:15.301(Scan#:2391)
MassPeaks:63
RawMode:Averaged 15.291-15.311(2389-2393)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



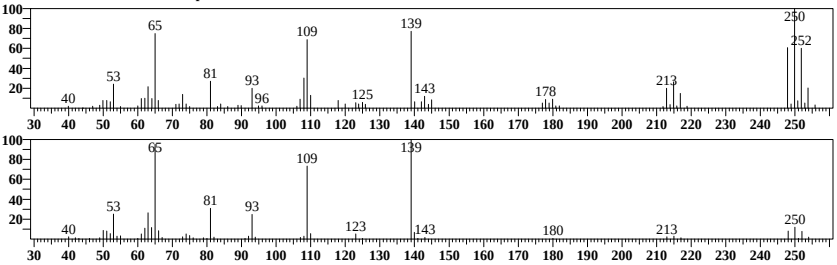
ID#:67 Name:4-Nitrophenol Type:Target No Manual Integration

Mass:65.00 R.T:15.223 Area:20442 Conc:10.18704ppm
Event:1:Scan SI:77

#	m/z	Area	Ratio	Reference
1	109.00	8228	91.81	97.00
2	93.00	2383	26.59	21.72



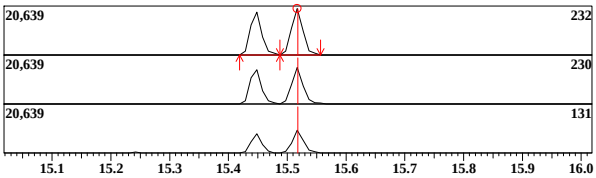
ID#:67 R.Time:15.222(Scan#:2375)
MassPeaks:68
RawMode:Averaged 15.212-15.232(2373-2377)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



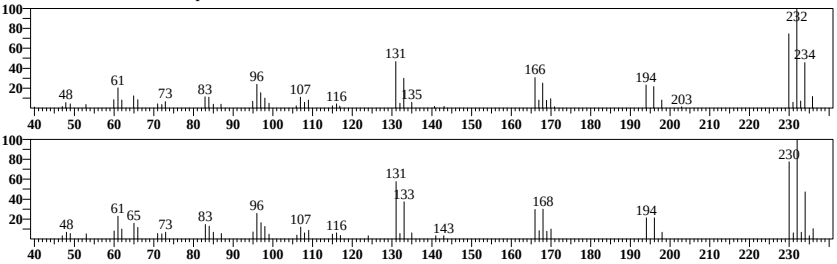
ID#:68 Name:2,3,4,6-Tetrachlorophenol Type:Target No Manual Integration

Mass:232.00 R.T:15.517 Area:26726 Conc:9.34000ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	230.00	10188	74.66	75.09
2	131.00	6350	46.53	41.75



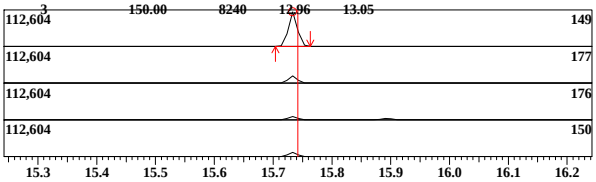
ID#:68 R.Time:15.517(Scan#:2435)
MassPeaks:51
RawMode:Averaged 15.507-15.527(2433-2437)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



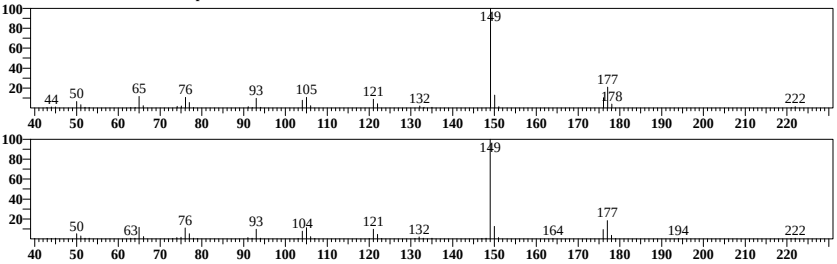
ID#:69 Name:Diethyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:15.733 Area:116439 Conc:9.94360ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	177.00	13258	20.85	23.56
2	176.00	6469	10.17	10.95
3	150.00	8240	12.96	13.05



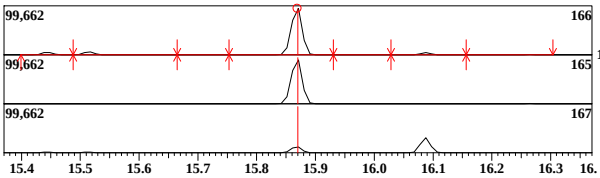
ID#:69 R.Time:15.733(Scan#:2479)
MassPeaks:36
RawMode:Averaged 15.724-15.743(2477-2481)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



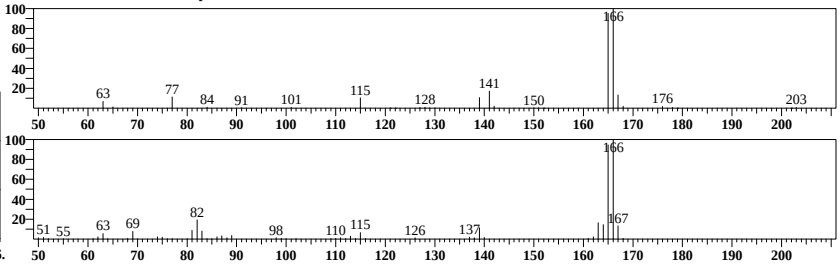
ID#:70 Name:Fluorene Type:Target No Manual Integration

Mass:166.00 R.T:15.869 Area:125813 Conc:9.66736ppm
Event:2:SIM SI:94

#	m/z	Area	Ratio	Reference
1	165.00	61713	95.20	75.42
2	167.00	8557	13.20	3.39



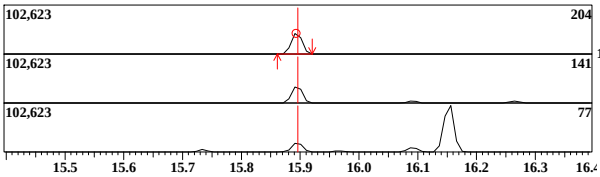
ID#:70 R.Time:15.871(Scan#:2508)
MassPeaks:28
RawMode:Averaged 15.861-15.881(2506-2510)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



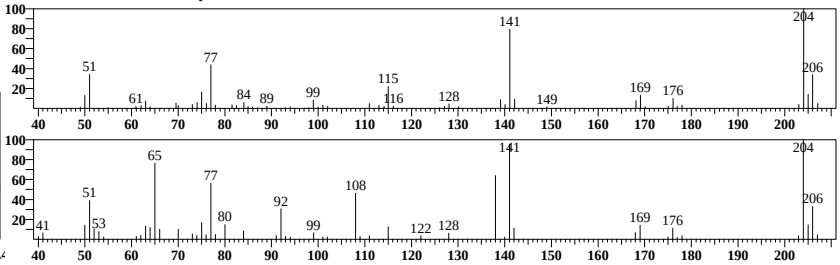
ID#:71 Name:4-Chlorophenyl phenyl ether Type:Target No Manual Integration

Mass:204.00 R.T:15.893 Area:57360 Conc:9.90057ppm
Event:1:Scan SI:72

#	m/z	Area	Ratio	Reference
1	141.00	23959	79.41	98.00
2	77.00	13213	43.80	53.19



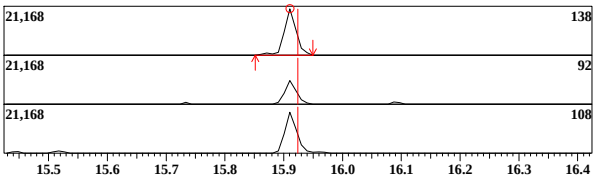
ID#:71 R.Time:15.891(Scan#:2511)
MassPeaks:57
RawMode:Averaged 15.881-15.901(2509-2513)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



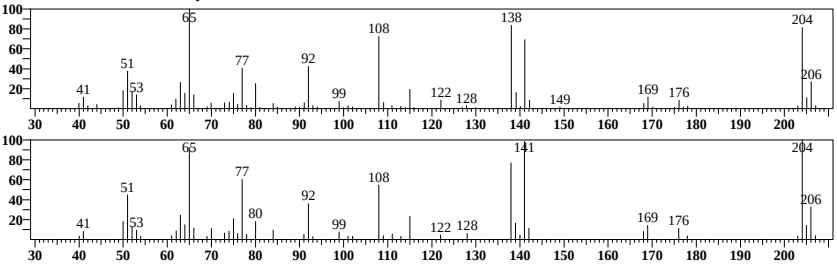
ID#:72 Name:4-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:15.911 Area:29211 Conc:10.14723ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	92.00	7080	50.84	64.55
2	108.00	12052	86.55	83.01



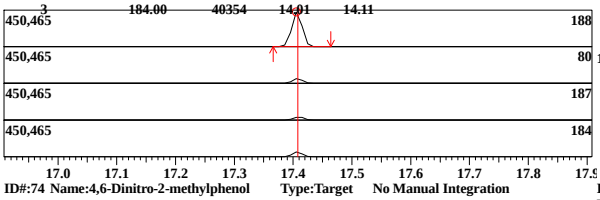
ID#:72 R.Time:15.911(Scan#:2515)
MassPeaks:68
RawMode:Averaged 15.901-15.920(2513-2517)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:73 Name:Phenanthrene-d10 (IS) Type:ISTD No Manual Integration

Mass:188.00 R.T:17.406 Area:548074 Conc:40.00000ppm
Event:1:Scan SI:96

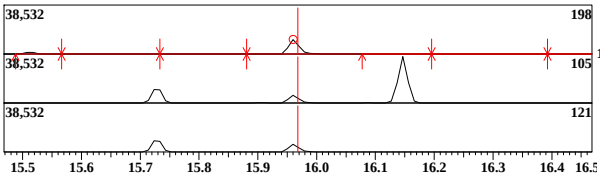
#	m/z	Area	Ratio	Reference
1	80.00	38002	13.20	15.93
2	187.00	24594	8.54	10.00
3	184.00	40354	14.01	14.11



ID#:74 Name:4,6-Dinitro-2-methylphenol Type:Target No Manual Integration

Mass:198.00 R.T:15.960 Area:15723 Conc:10.03025ppm
Event:2:SIM SI:78

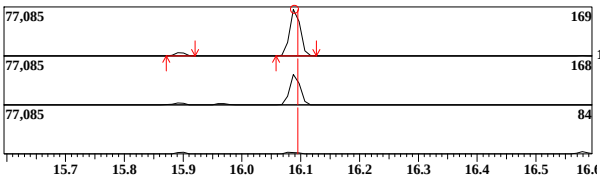
#	m/z	Area	Ratio	Reference
1	105.00	3994	53.35	55.83
2	121.00	4070	54.37	44.01



ID#:75 Name:N-NitrosodiphenylamineType:Target No Manual Integration

Mass:169.00 R.T:16.090 Area:94026 Conc:9.91635ppm
Event:1:Scan SI:97

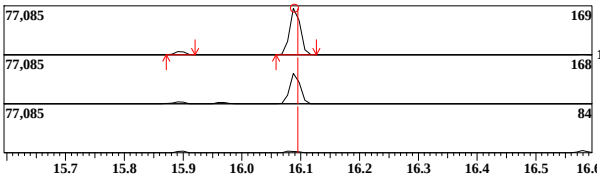
#	m/z	Area	Ratio	Reference
1	168.00	31896	64.28	64.38
2	84.00	2243	4.52	2.92



ID#:76 Name:Diphenylamine Type:Target No Manual Integration

Mass:169.00 R.T:16.090 Area:94026 Conc:9.91635ppm
Event:1:Scan SI:97

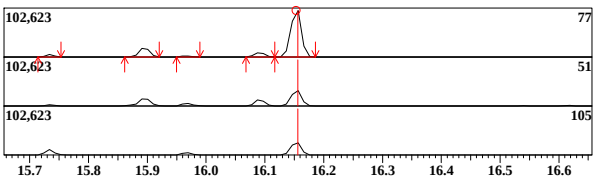
#	m/z	Area	Ratio	Reference
1	168.00	31896	64.28	64.38
2	84.00	2243	4.52	2.92



ID#:77 Name:1,2-Diphenylhydrazine Type:Target No Manual Integration

Mass:77.00 R.T:16.154 Area:124849 Conc:9.83403ppm
Event:1:Scan SI:96

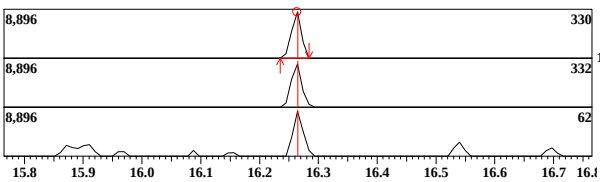
#	m/z	Area	Ratio	Reference
1	51.00	22102	33.73	21.73
2	105.00	17704	27.02	6.07



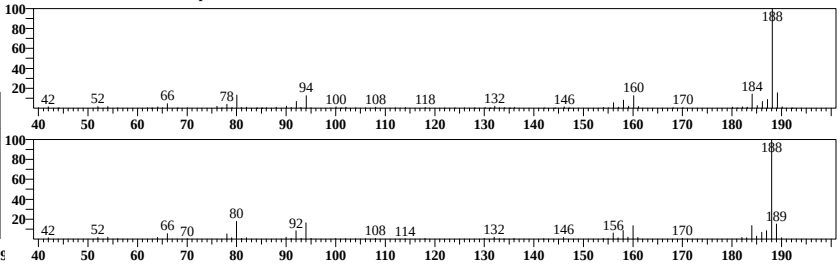
ID#:78 Name:2,4,6-Tribromophenol Type:Surrogate/SMC No Manual Integration

Mass:330.00 R.T:16.263 Area:10166 Conc:10.45858ppm
Event:1:Scan SI:76

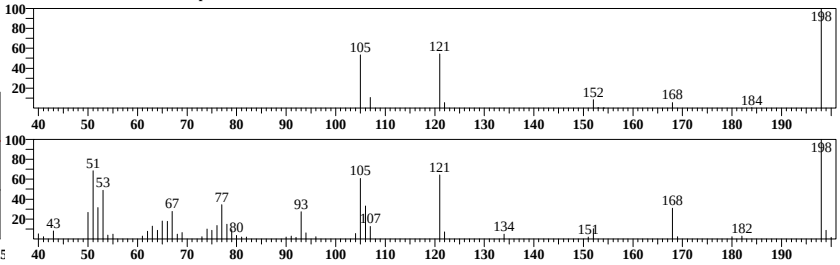
#	m/z	Area	Ratio	Reference
1	332.00	4985	91.32	100.00
2	62.00	4718	86.43	97.00



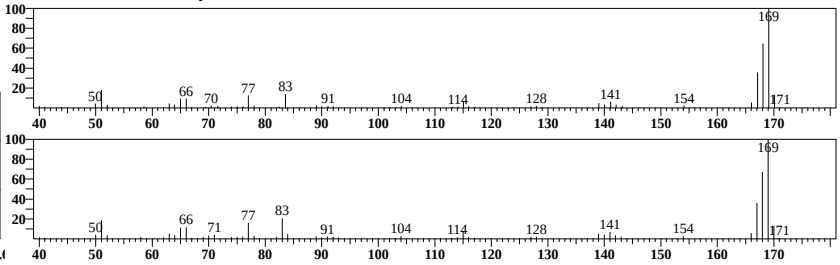
ID#:73 R.Time:17.405(Scan#:2819)
MassPeaks:76
RawMode:Averaged 17.395-17.415(2817-2821)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



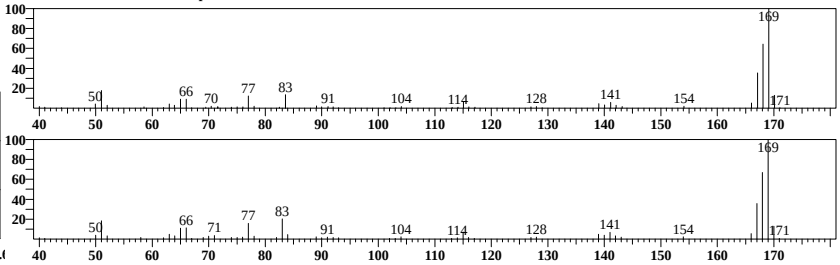
ID#:74 R.Time:15.960(Scan#:2526)
MassPeaks:10
RawMode:Averaged 15.950-15.970(2524-2528)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



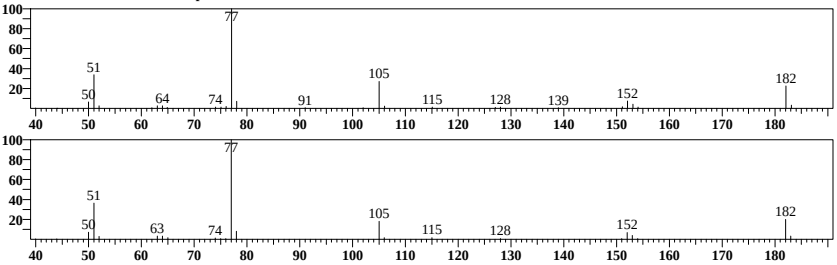
ID#:75 R.Time:16.087(Scan#:2551)
MassPeaks:54
RawMode:Averaged 16.078-16.097(2549-2553)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



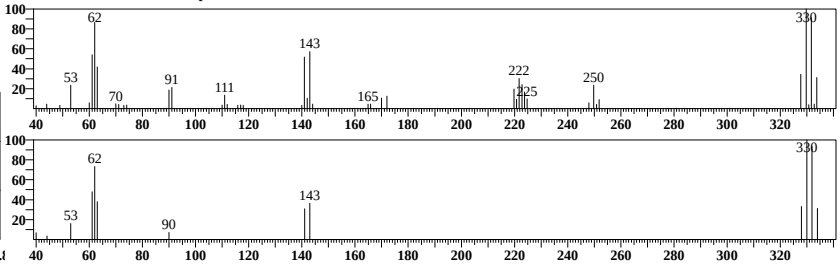
ID#:76 R.Time:16.087(Scan#:2551)
MassPeaks:54
RawMode:Averaged 16.078-16.097(2549-2553)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:77 R.Time:16.156(Scan#:2565)
MassPeaks:28
RawMode:Averaged 16.147-16.166(2563-2567)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



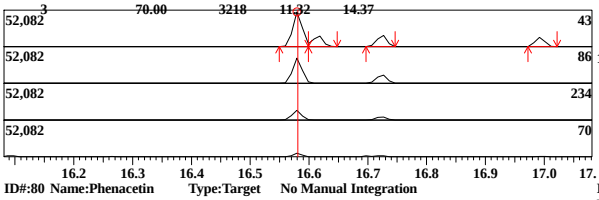
ID#:78 R.Time:16.265(Scan#:2587)
MassPeaks:45
RawMode:Averaged 16.255-16.274(2585-2589)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

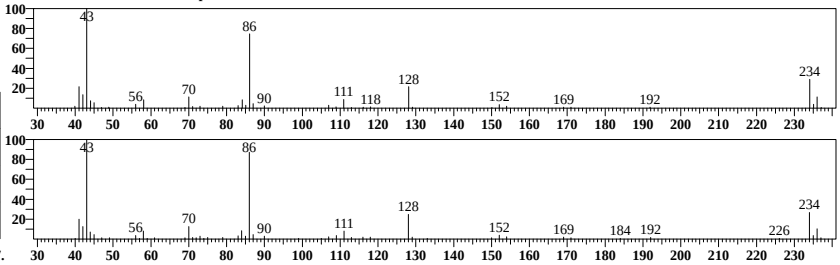


ID#:79 Name:(cis/trans)-Diallate Type:Target No Manual Integration

Mass:43.00 R.T:16.580 Area:58409 Conc:9.75101ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	86.00	21255	74.75	76.79
2	234.00	8208	28.87	26.39
3	70.00	3218	11.32	14.37



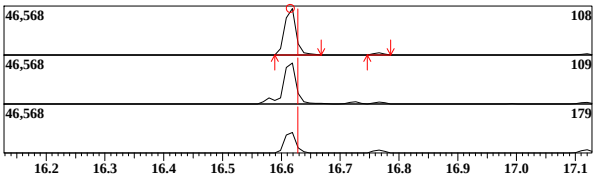


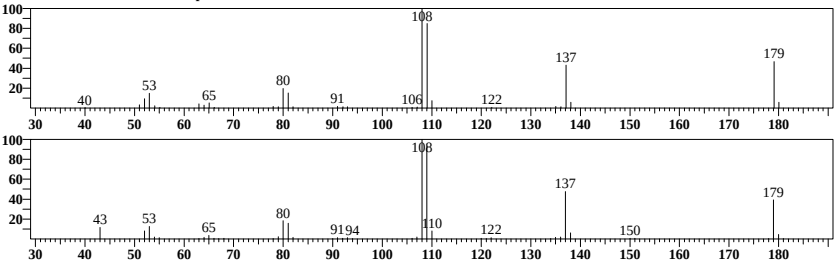
ID#:79 R.Time:16.579(Scan#:2651)
MassPeaks:39
RawMode:Averaged 16.569-16.589(2649-2653)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:80 Name:Phenacetin Type:Target No Manual Integration

Mass:108.00 R.T:16.616 Area:59722 Conc:9.59641ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	109.00	25701	85.04	83.01
2	179.00	14050	46.49	44.31



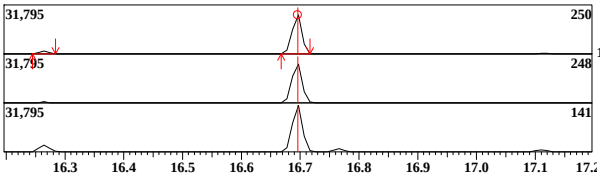


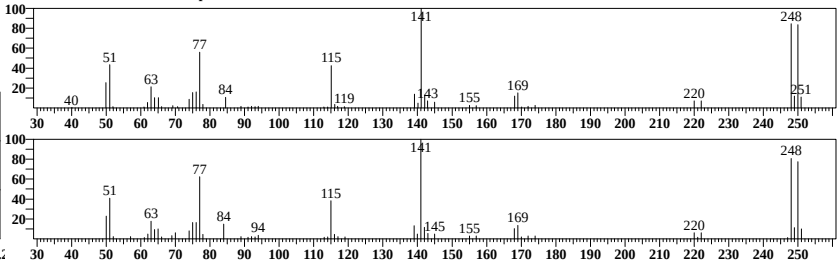
ID#:80 R.Time:16.619(Scan#:2659)
MassPeaks:30
RawMode:Averaged 16.609-16.628(2657-2661)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:81 Name:4-Bromophenyl phenyl ether Type:Target No Manual Integration

Mass:250.00 R.T:16.695 Area:30092 Conc:9.56219ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	248.00	16292	101.16	105.86
2	141.00	19290	119.77	137.00



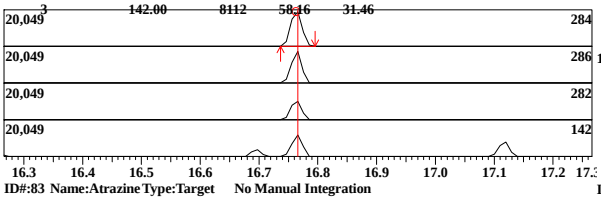


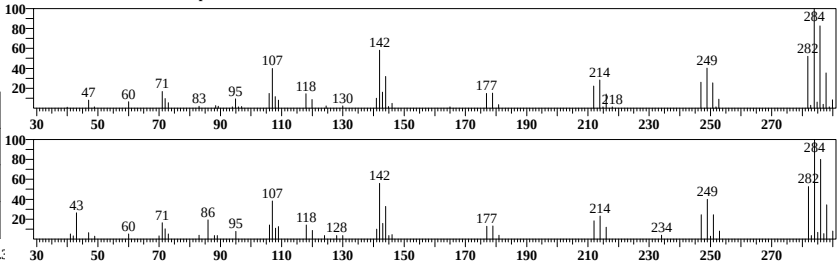
ID#:81 R.Time:16.697(Scan#:2675)
MassPeaks:48
RawMode:Averaged 16.687-16.707(2673-2677)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:82 Name:Hexachlorobenzene Type:Target No Manual Integration

Mass:284.00 R.T:16.764 Area:26732 Conc:9.31916ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	286.00	11524	82.63	79.72
2	282.00	7253	52.00	51.93
3	142.00	8112	58.16	31.46



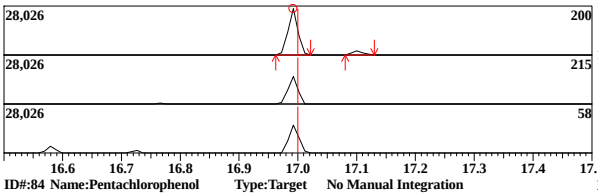


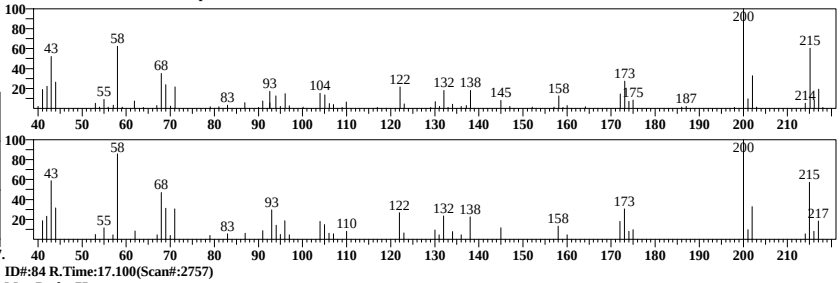
ID#:82 R.Time:16.766(Scan#:2689)
MassPeaks:51
RawMode:Averaged 16.756-16.776(2687-2691)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:83 Name:Atrazine Type:Target No Manual Integration

Mass:200.00 R.T:16.992 Area:31297 Conc:9.86947ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	215.00	10164	60.32	59.43
2	58.00	10499	62.31	64.00



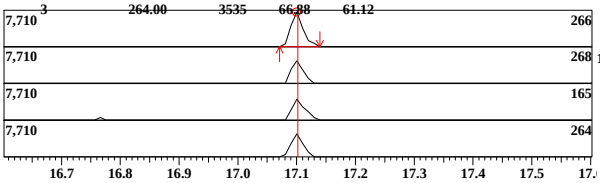


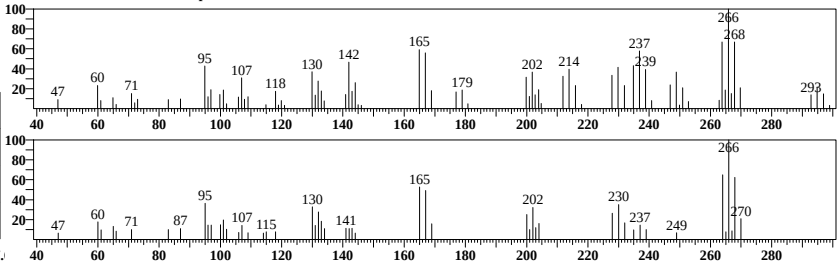
ID#:83 R.Time:16.992(Scan#:2735)
MassPeaks:74
RawMode:Averaged 16.982-17.002(2733-2737)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:84 Name:Pentachlorophenol Type:Target No Manual Integration

Mass:266.00 R.T:17.100 Area:10991 Conc:9.94563ppm
Event:1:Scan SI:80

#	m/z	Area	Ratio	Reference
1	268.00	3541	66.99	59.97
2	165.00	3134	59.29	41.42
3	264.00	3535	66.88	61.12



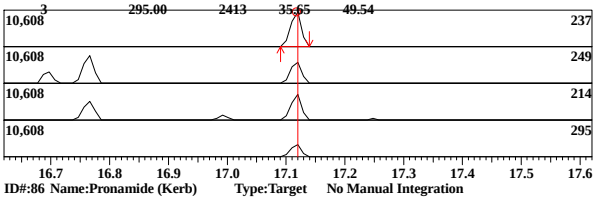


ID#:84 R.Time:17.100(Scan#:2757)
MassPeaks:75
RawMode:Averaged 17.090-17.110(2755-2759)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

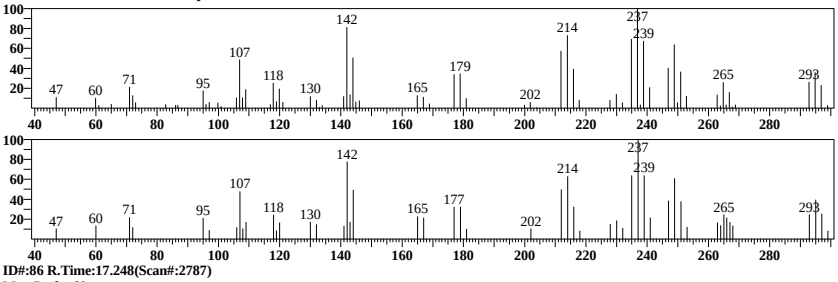
ID#:85 Name:Pentachloronitrobenzene Type:Target No Manual Integration

Mass:237.00 R.T:17.118 Area:13060 Conc:8.72033ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	249.00	4308	63.65	68.26
2	214.00	4939	72.98	62.54
3	295.00	2413	35.65	49.54



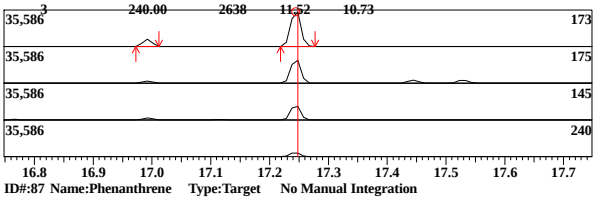
ID#:85 R.Time:17.120(Scan#:2761)
MassPeaks:71
RawMode:Averaged 17.110-17.130(2759-2763)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



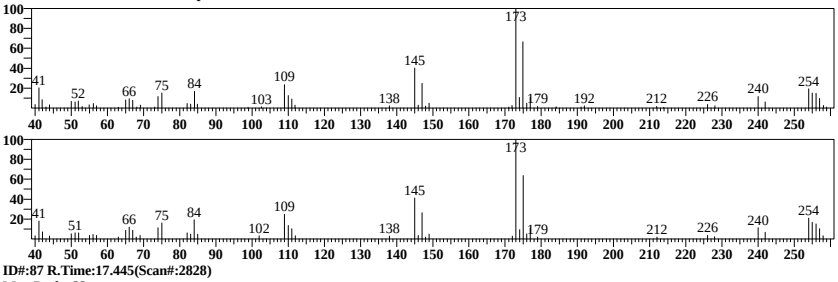
ID#:86 Name:Pronamide (Kerb) Type:Target No Manual Integration

Mass:173.00 R.T:17.245 Area:43466 Conc:9.37207ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	175.00	15244	66.55	60.85
2	145.00	9203	40.17	30.82
3	240.00	2638	11.52	10.73



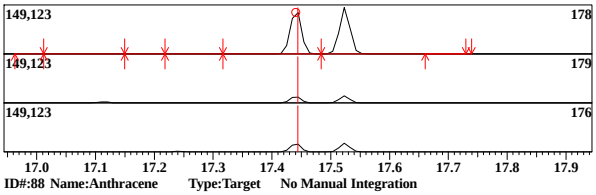
ID#:86 R.Time:17.248(Scan#:2787)
MassPeaks:60
RawMode:Averaged 17.238-17.258(2785-2789)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



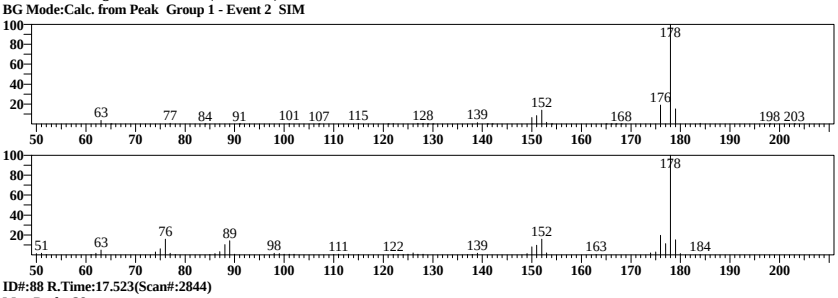
ID#:87 Name:Phenanthrene Type:Target No Manual Integration

Mass:178.00 R.T:17.441 Area:178345 Conc:9.82289ppm
Event:2:SIM SI:96

#	m/z	Area	Ratio	Reference
1	179.00	13528	15.02	15.63
2	176.00	17167	19.05	18.75



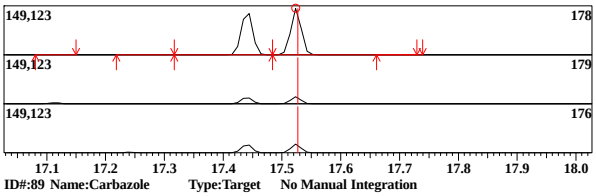
ID#:87 R.Time:17.445(Scan#:2828)
MassPeaks:32
RawMode:Averaged 17.435-17.454(2826-2830)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



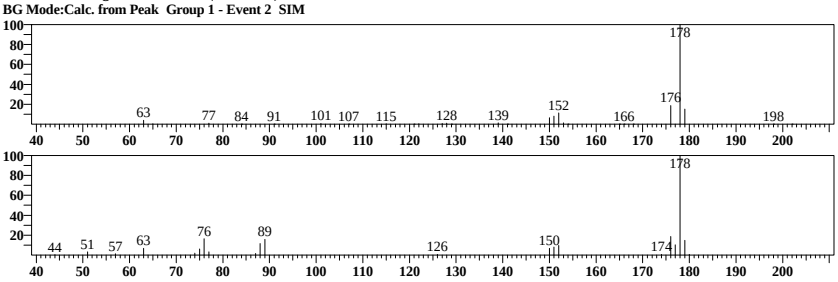
ID#:88 Name:Anthracene Type:Target No Manual Integration

Mass:178.00 R.T:17.524 Area:181354 Conc:9.55151ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	179.00	14397	15.23	12.08
2	176.00	17504	18.51	20.60



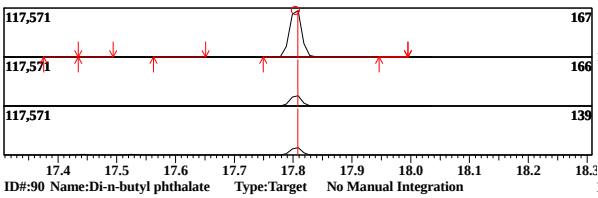
ID#:88 R.Time:17.523(Scan#:2844)
MassPeaks:28
RawMode:Averaged 17.513-17.533(2842-2846)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



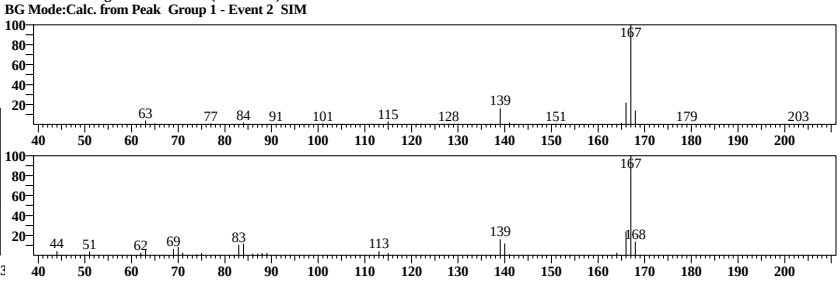
ID#:89 Name:Carbazole Type:Target No Manual Integration

Mass:167.00 R.T:17.804 Area:166450 Conc:9.84983ppm
Event:2:SIM SI:89

#	m/z	Area	Ratio	Reference
1	166.00	17800	21.58	20.96
2	139.00	12920	15.66	12.92



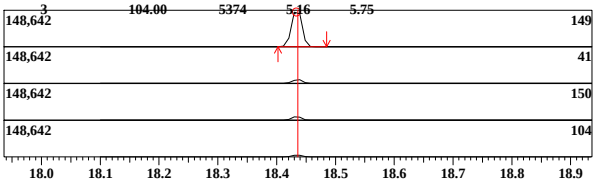
ID#:89 R.Time:17.808(Scan#:2902)
MassPeaks:27
RawMode:Averaged 17.799-17.818(2900-2904)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



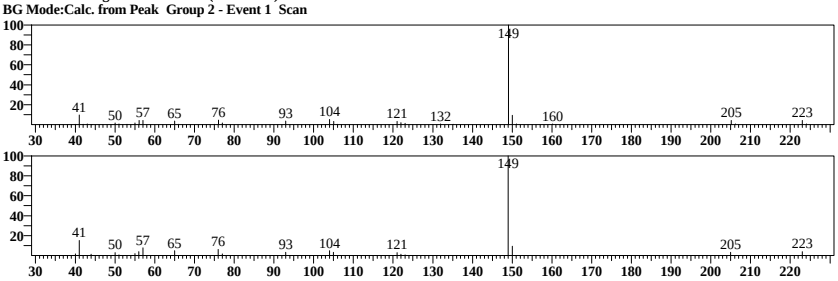
ID#:90 Name:Di-n-butyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:18.434 Area:189789 Conc:9.52332ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	41.00	10070	9.67	10.41
2	150.00	9742	9.36	8.84
3	104.00	5374	5.16	5.75



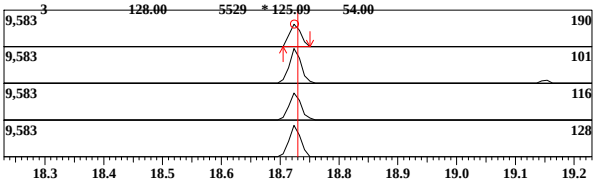
ID#:90 R.Time:18.430(Scan#:3021)
MassPeaks:33
RawMode:Averaged 18.421-18.439(3019-3023)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



ID#:91 Name:4-Nitroquinoline-N-Oxide Type:Target No Manual Integration

Mass:190.00 R.T:18.724 Area:8001 Conc:9.65548ppm
Event:1:Scan SI:90

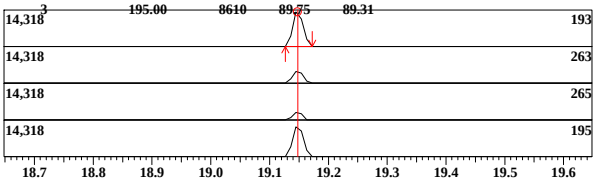
#	m/z	Area	Ratio	Reference
1	101.00	5808	* 131.40	71.00
2	116.00	4643	* 105.05	70.00
3	128.00	5529	* 125.09	54.00



ID#:92 Name:Isodrin Type:Target No Manual Integration

Mass:193.00 R.T:19.147 Area:17420 Conc:9.65851ppm
Event:1:Scan SI:94

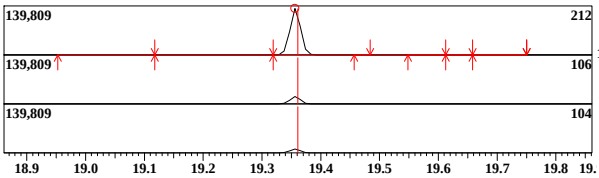
#	m/z	Area	Ratio	Reference
1	263.00	3394	35.38	42.74
2	265.00	2107	21.96	29.49
3	195.00	8610	89.75	89.31



ID#:93 Name:Fluoranthene-d10 Type:Target No Manual Integration

Mass:212.00 R.T:19.356 Area:174073 Conc:10.24111ppm
Event:2:SIM SI:96

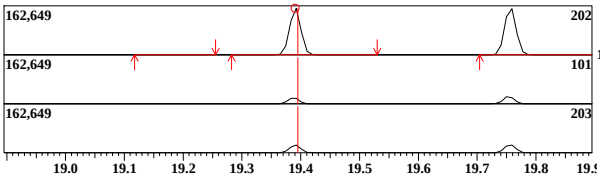
#	m/z	Area	Ratio	Reference
1	106.00	15242	16.21	22.08
2	104.00	8196	8.72	12.34



ID#:94 Name:Fluoranthene Type:Target No Manual Integration

Mass:202.00 R.T:19.391 Area:215067 Conc:9.61143ppm
Event:2:SIM SI:95

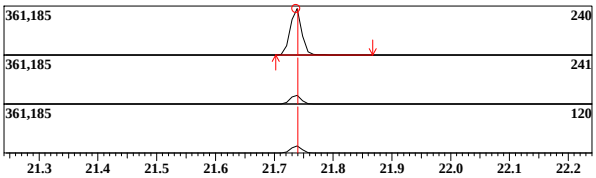
#	m/z	Area	Ratio	Reference
1	101.00	14644	12.81	14.12
2	203.00	19281	16.86	6.47



ID#:95 Name:Chrysene-d12 (IS) Type:ISTD No Manual Integration

Mass:240.00 R.T:21.737 Area:476168 Conc:40.00000ppm
Event:1:Scan SI:94

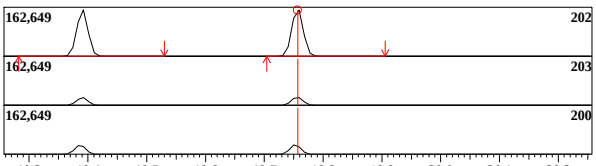
#	m/z	Area	Ratio	Reference
1	241.00	47883	19.26	19.13
2	120.00	38829	15.62	14.79



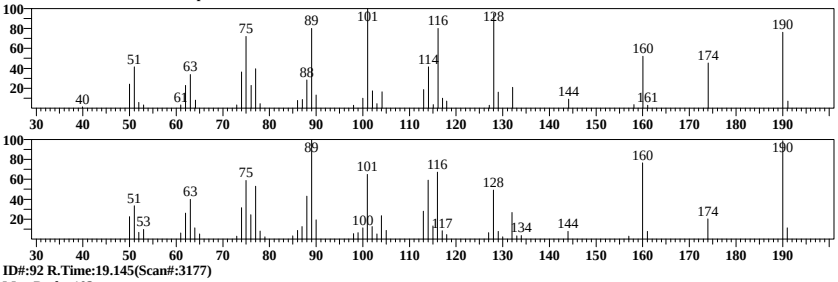
ID#:96 Name:Pyrene Type:Target No Manual Integration

Mass:202.00 R.T:19.757 Area:218436 Conc:9.76665ppm
Event:2:SIM SI:93

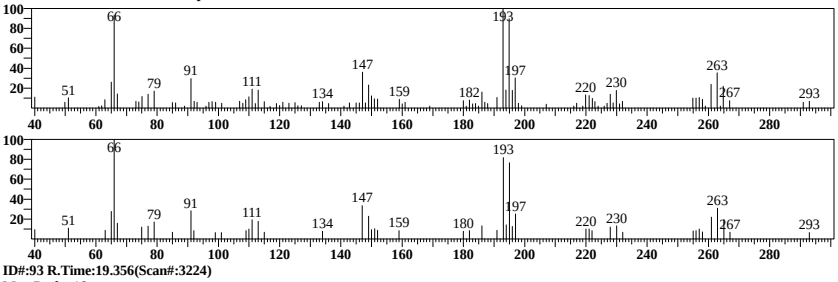
#	m/z	Area	Ratio	Reference
1	203.00	19737	17.07	18.13
2	200.00	21106	18.25	4.68



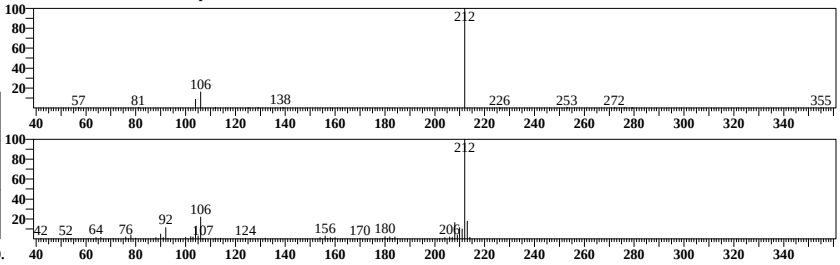
ID#:91 R.Time:18.723(Scan#:3085)
MassPeaks:43
RawMode:Averaged 18.714-18.733(3083-3087)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



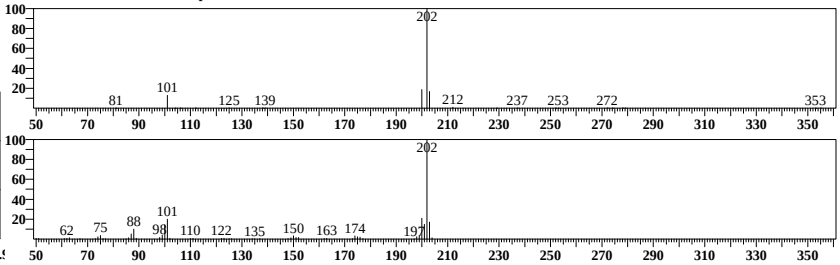
ID#:92 R.Time:19.145(Scan#:3177)
MassPeaks:103
RawMode:Averaged 19.136-19.154(3175-3179)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



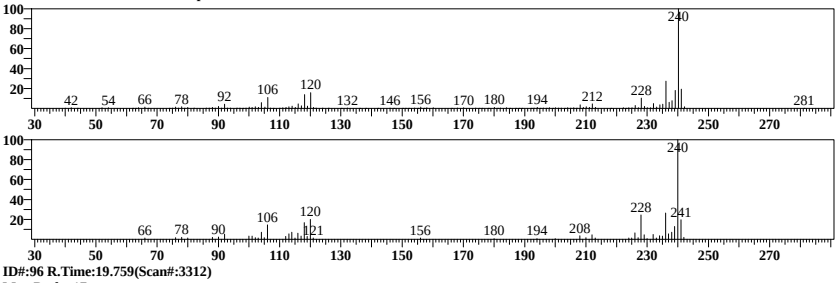
ID#:93 R.Time:19.356(Scan#:3224)
MassPeaks:16
RawMode:Averaged 19.347-19.365(3222-3226)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



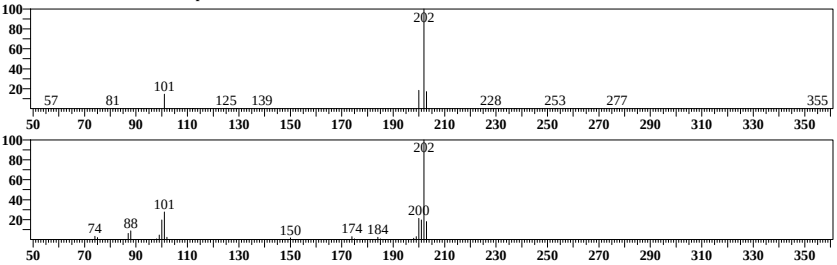
ID#:94 R.Time:19.392(Scan#:3232)
MassPeaks:22
RawMode:Averaged 19.383-19.402(3230-3234)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



ID#:95 R.Time:21.739(Scan#:3743)
MassPeaks:131
RawMode:Averaged 21.730-21.748(3741-3745)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



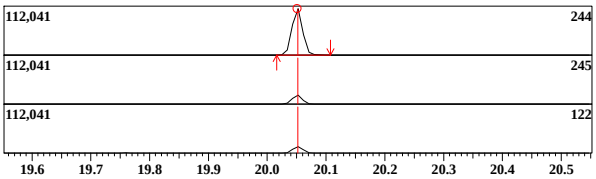
ID#:96 R.Time:19.759(Scan#:3312)
MassPeaks:17
RawMode:Averaged 19.750-19.768(3310-3314)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



ID#:97 Name:p-Terphenyl-d14Type:Surrogate/SMC No Manual Integration

Mass:244.00 R.T:20.051 Area:136124 Conc:9.60540ppm
Event:1:Scan SI:81

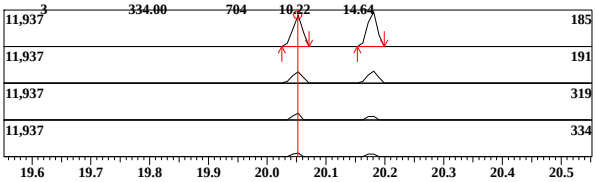
#	m/z	Area	Ratio	Reference
1	245.00	14302	19.14	19.16
2	122.00	10761	14.40	13.22



ID#:98 Name:Aramite A Type:Target No Manual Integration

Mass:185.00 R.T:20.052 Area:11976 Conc:4.87994ppm
Event:1:Scan SI:43

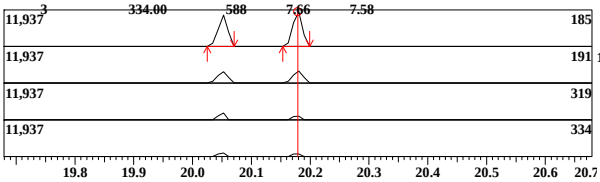
#	m/z	Area	Ratio	Reference
1	191.00	2648	38.43	44.95
2	319.00	1198	17.39	34.11
3	334.00	704	10.22	14.64



ID#:99 Name:Aramite B Type:Target No Manual Integration

Mass:185.00 R.T:20.179 Area:13320 Conc:4.68472ppm
Event:1:Scan SI:94

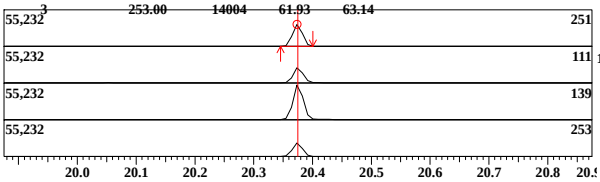
#	m/z	Area	Ratio	Reference
1	191.00	2807	36.58	42.53
2	319.00	757	9.87	13.52
3	334.00	588	7.66	7.58



ID#:100 Name:Chlorobenzilate Type:Target No Manual Integration

Mass:251.00 R.T:20.374 Area:39828 Conc:9.09455ppm
Event:1:Scan SI:97

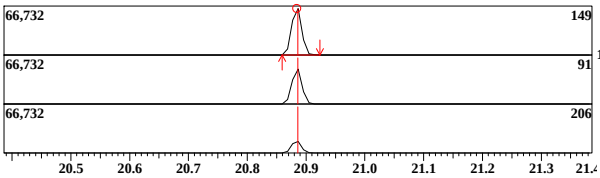
#	m/z	Area	Ratio	Reference
1	111.00	14925	66.00	55.84
2	139.00	35072	155.10	178.00
3	253.00	14004	61.93	63.14



ID#:101 Name:Butyl benzyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:20.884 Area:78948 Conc:9.31118ppm
Event:1:Scan SI:89

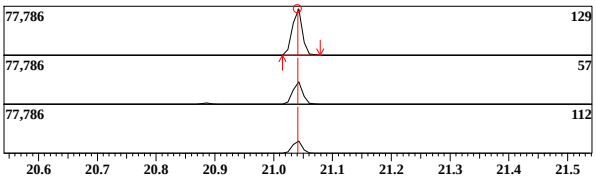
#	m/z	Area	Ratio	Reference
1	91.00	32743	74.32	92.95
2	206.00	11174	25.36	26.43



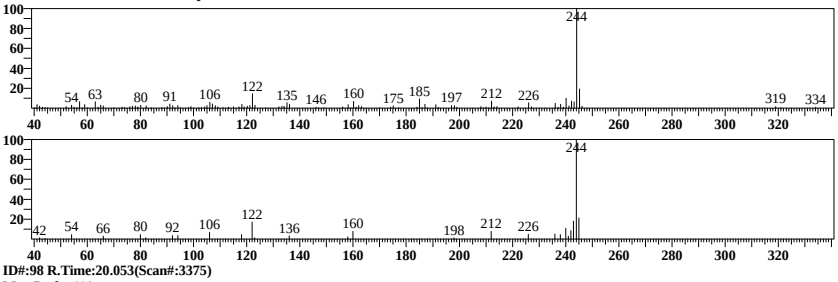
ID#:102 Name:Di(2-ethylhexyl) adipate Type:Target No Manual Integration

Mass:129.00 R.T:21.041 Area:87339 Conc:9.56632ppm
Event:1:Scan SI:97

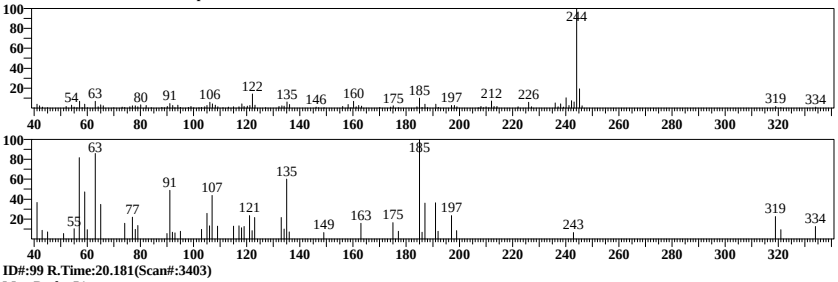
#	m/z	Area	Ratio	Reference
1	57.00	23940	49.15	40.00
2	112.00	12938	26.56	27.60



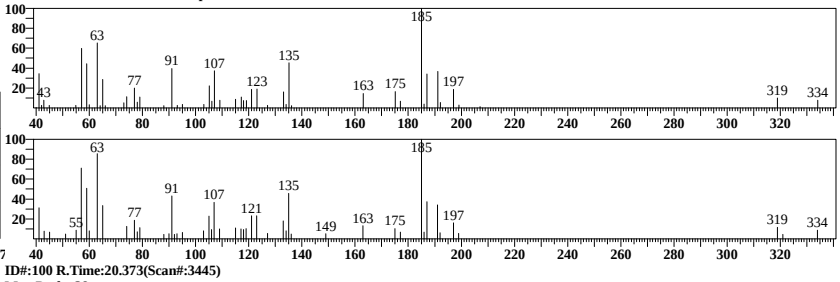
ID#:97 R.Time:20.053(Scan#:3375)
MassPeaks:111
RawMode:Averaged 20.043-20.062(3373-3377)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



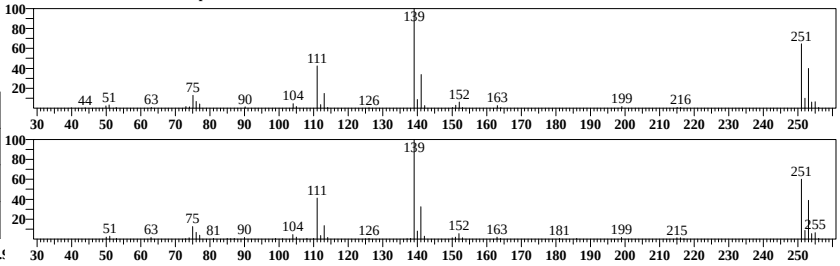
ID#:98 R.Time:20.053(Scan#:3375)
MassPeaks:111
RawMode:Averaged 20.043-20.062(3373-3377)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



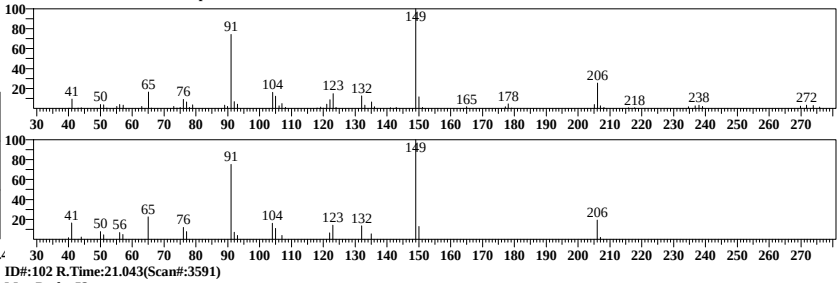
ID#:99 R.Time:20.181(Scan#:3403)
MassPeaks:51
RawMode:Averaged 20.172-20.190(3401-3405)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



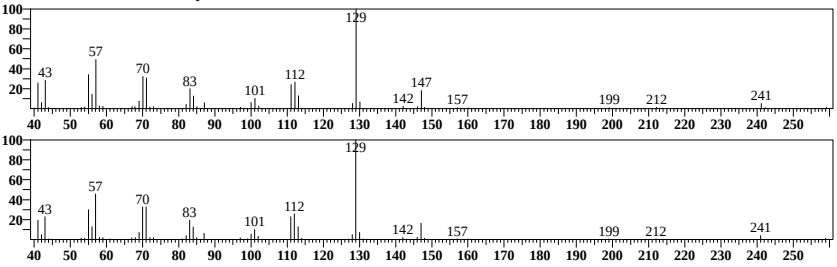
ID#:100 R.Time:20.373(Scan#:3445)
MassPeaks:38
RawMode:Averaged 20.364-20.383(3443-3447)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



ID#:101 R.Time:20.887(Scan#:3557)
MassPeaks:64
RawMode:Averaged 20.878-20.896(3555-3559)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



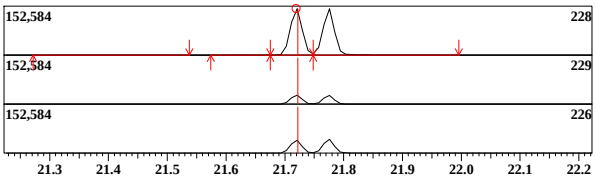
ID#:102 R.Time:21.043(Scan#:3591)
MassPeaks:52
RawMode:Averaged 21.033-21.052(3589-3593)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



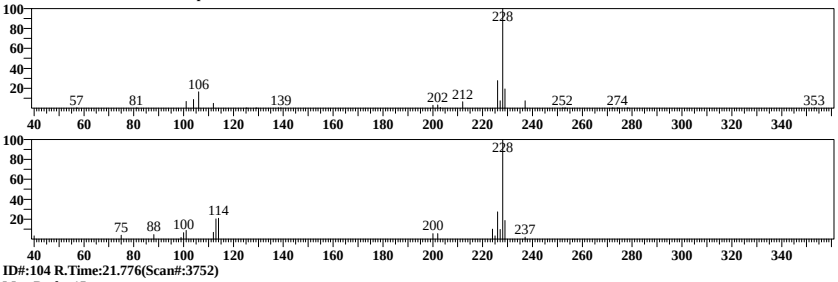
ID#:103 Name:Benzo[a]anthracene Type:Target No Manual Integration

Mass:228.00 R.T:21.720 Area:206203 Conc:10.39100ppm
Event:2:SIM SI:83

#	m/z	Area	Ratio	Reference
1	229.00	20195	19.18	27.13
2	226.00	29061	27.61	24.70



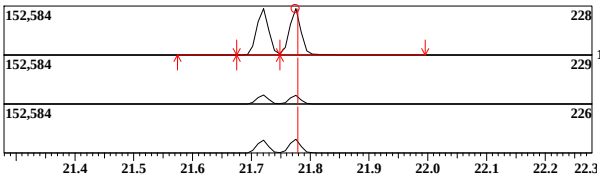
ID#:103 R.Time:21.721(Scan#:3740)
MassPeaks:25
RawMode:Averaged 21.712-21.730(3738-3742)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



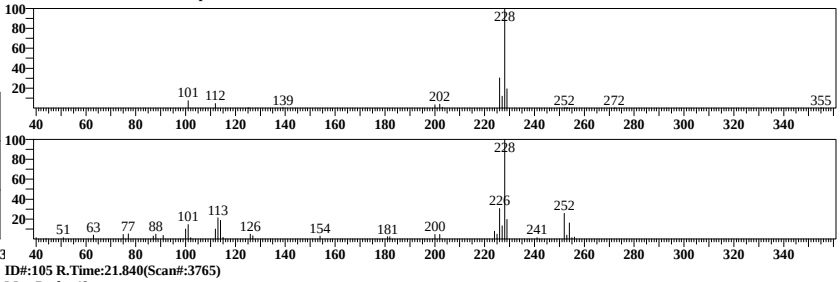
ID#:104 Name:Chrysene Type:Target No Manual Integration

Mass:228.00 R.T:21.775 Area:199866 Conc:9.93296ppm
Event:2:SIM SI:80

#	m/z	Area	Ratio	Reference
1	229.00	19138	19.18	27.13
2	226.00	30036	30.10	24.70



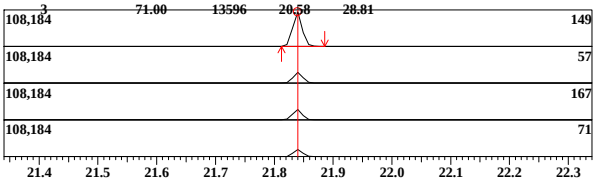
ID#:104 R.Time:21.776(Scan#:3752)
MassPeaks:15
RawMode:Averaged 21.767-21.785(3750-3754)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



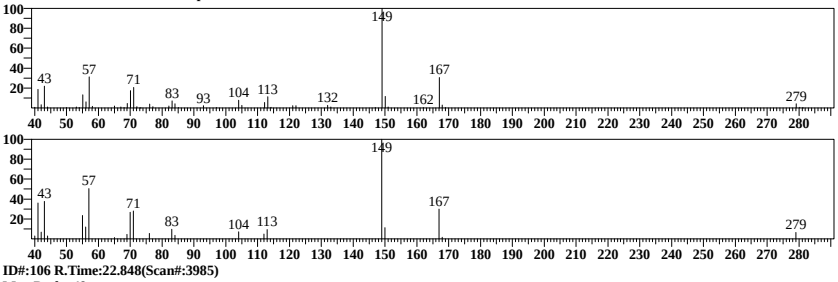
ID#:105 Name:Bis(2-Ethylhexyl) phthalate Type:Target No Manual Integration

Mass:149.00 R.T:21.839 Area:116852 Conc:9.39298ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	57.00	20504	31.03	45.69
2	167.00	20133	30.47	32.70
3	71.00	13596	20.58	28.81



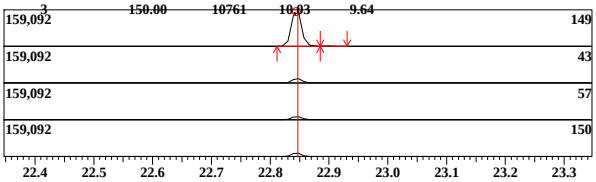
ID#:105 R.Time:21.840(Scan#:3765)
MassPeaks:48
RawMode:Averaged 21.831-21.849(3763-3767)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



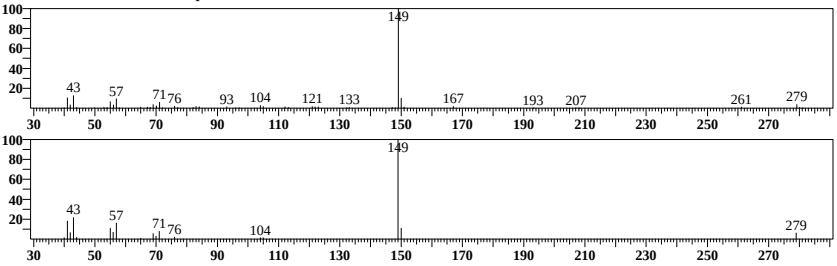
ID#:106 Name:Di-n-octyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:22.845 Area:196743 Conc:9.47186ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	43.00	13386	12.47	13.63
2	57.00	9895	9.22	13.85
3	150.00	10761	10.03	9.64



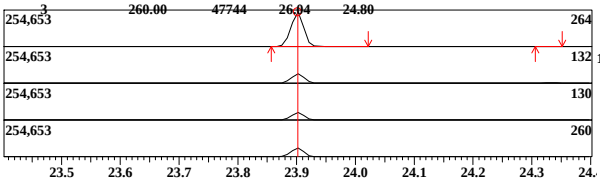
ID#:106 R.Time:22.848(Scan#:3985)
MassPeaks:49
RawMode:Averaged 22.839-22.858(3983-3987)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



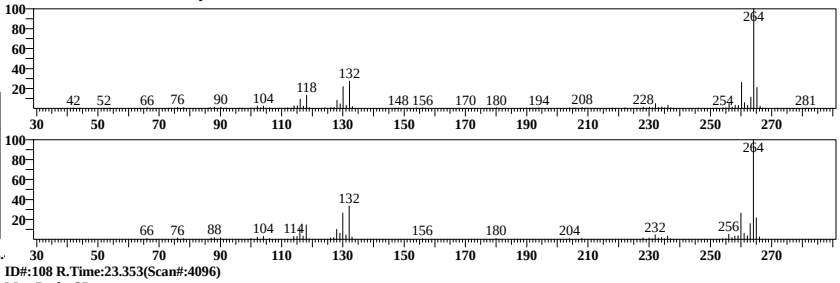
ID#:107 Name:Perylene-d12 (IS) Type:ISTD No Manual Integration

Mass:264.00 R.T:23.901 Area:368522 Conc:40.00000ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	132.00	50333	27.45	20.63
2	130.00	39881	21.75	16.36
3	260.00	47744	26.04	24.80



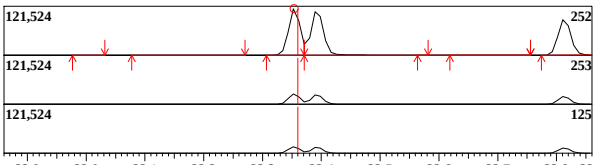
ID#:107 R.Time:23.903(Scan#:4215)
MassPeaks:90
RawMode:Averaged 23.893-23.912(4213-4217)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



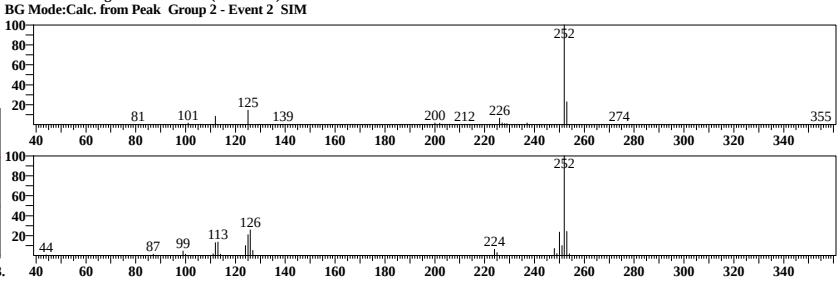
ID#:108 Name:Benzo[b]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.354 Area:163234 Conc:8.94559ppm
Event:2:SIM SI:73

#	m/z	Area	Ratio	Reference
1	253.00	15142	22.82	24.52
2	125.00	9683	14.59	21.64



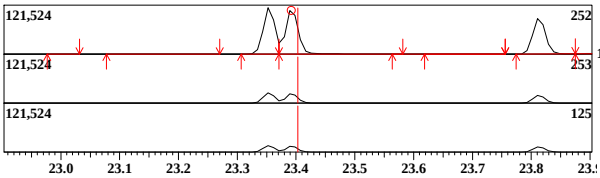
ID#:108 R.Time:23.353(Scan#:4096)
MassPeaks:25
RawMode:Averaged 23.343-23.362(4094-4098)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



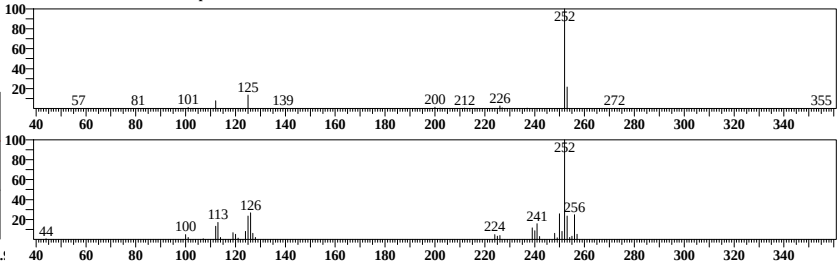
ID#:109 Name:Benzo[k]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.392 Area:168547 Conc:9.69244ppm
Event:2:SIM SI:76

#	m/z	Area	Ratio	Reference
1	253.00	12238	21.52	24.52
2	125.00	7748	13.62	21.64



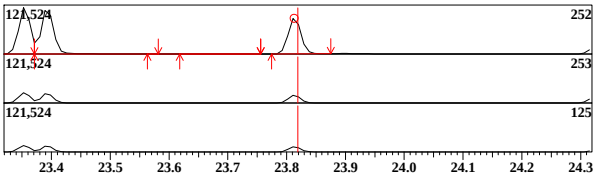
ID#:109 R.Time:23.389(Scan#:4104)
MassPeaks:23
RawMode:Averaged 23.380-23.398(4102-4106)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



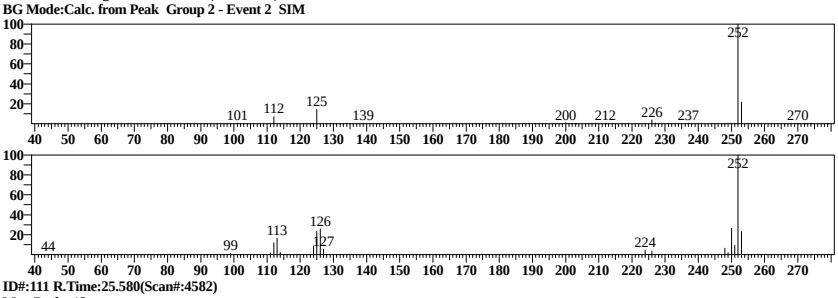
ID#:110 Name:Benzo[a]pyrene Type:Target No Manual Integration

Mass:252.00 R.T:23.813 Area:135652 Conc:9.50995ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	253.00	14664	21.45	24.52
2	125.00	9899	14.48	21.64



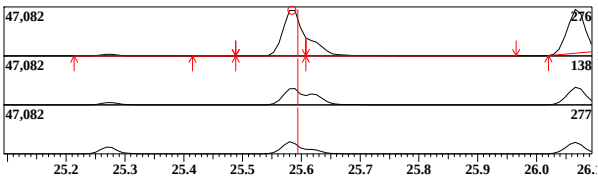
ID#:110 R.Time:23.811(Scan#:4196)
MassPeaks:17
RawMode:Averaged 23.802-23.820(4194-4198)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



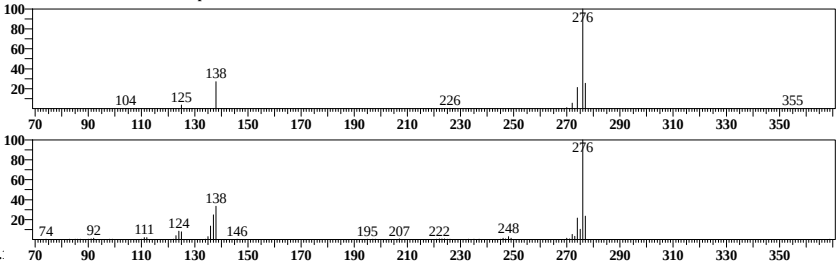
ID#:111 Name:Indeno(1,2,3-cd)pyrene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/1/2022

Mass:276.00 R.T:25.584 Area:97815 Conc:10.36405ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	138.00	6819	26.88	6.67
2	277.00	6449	25.42	14.17



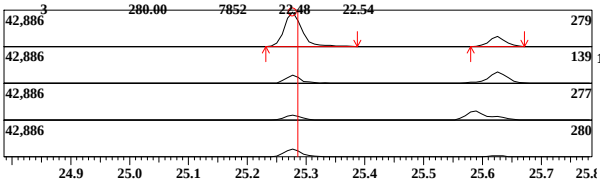
ID#:111 R.Time:25.580(Scan#:4582)
MassPeaks:12
RawMode:Averaged 25.571-25.589(4580-4584)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



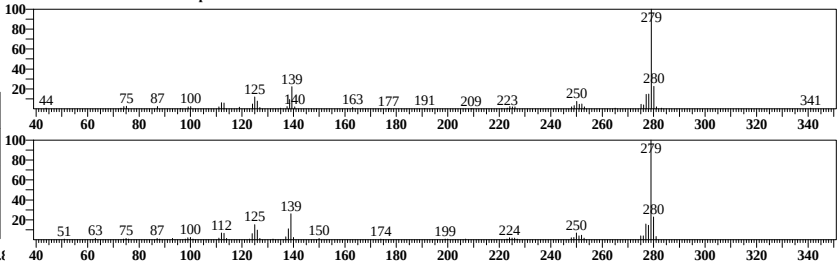
ID#:113 Name:Dibenz(a,j)Acridine Type:Target No Manual Integration

Mass:279.00 R.T:25.276 Area:86957 Conc:9.30396ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	139.00	7711	22.08	9.49
2	277.00	5028	14.40	15.01
3	280.00	7852	22.48	22.54



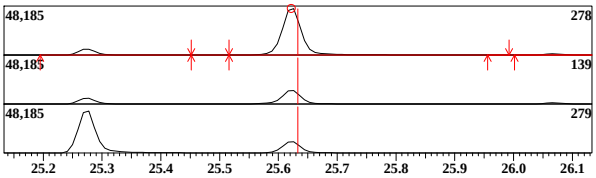
ID#:113 R.Time:25.278(Scan#:4515)
MassPeaks:46
RawMode:Averaged 25.268-25.287(4513-4517)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



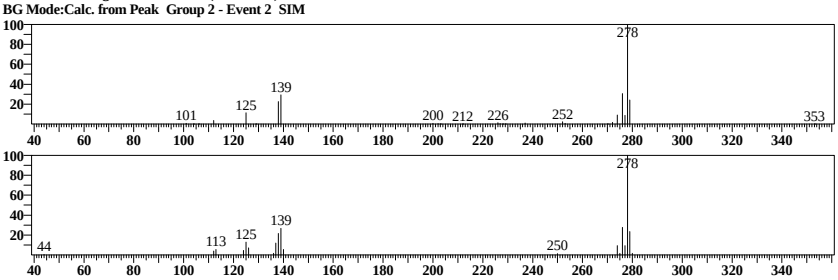
ID#:114 Name:Dibenzo[a,h]anthracene Type:Target No Manual Integration

Mass:278.00 R.T:25.622 Area:108990 Conc:10.39979ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	139.00	11679	29.12	7.75
2	279.00	9616	23.98	25.58



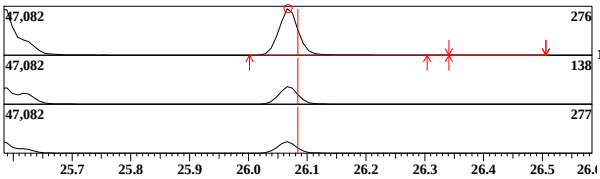
ID#:114 R.Time:25.626(Scan#:4592)
MassPeaks:27
RawMode:Averaged 25.617-25.635(4590-4594)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



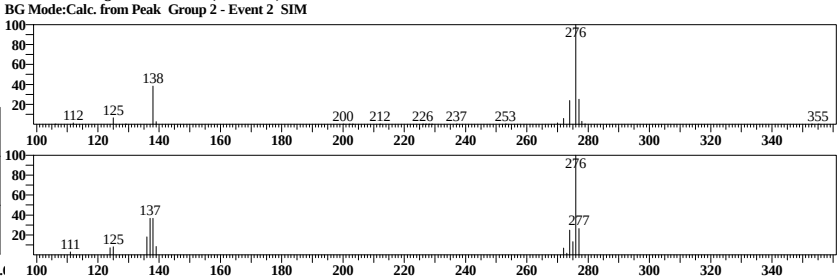
ID#:115 Name:Benzo[g,h,i]perylene Type:Target No Manual Integration

Mass:276.00 R.T:26.068 Area:106256 Conc:9.43895ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	138.00	15064	38.32	25.00
2	277.00	9849	25.06	21.09



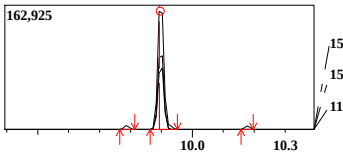
ID#:115 R.Time:26.066(Scan#:4688)
MassPeaks:25
RawMode:Averaged 26.057-26.075(4686-4690)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



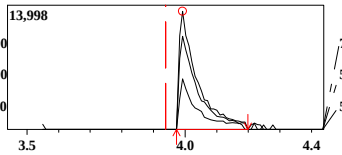
Before Manual Integrations

Analyst: CMN **Instr: J7H** **Trace Number: SVOC-BO45-F14-Y**
Method: 8270C/D/E/625.1 **Batch:**
Sample ID: A ICAL4 **Data File: C:\GCMSsolution\Data\221130H007.qgd**
Date: 11/30/2022 **Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm**
Time: 19:35:54 **Sample Name: A ICAL4**
Dilution: 1

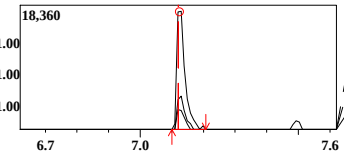
ID#:1 **Name:1,4-Dichlorobenzene-d4 (IS)**
Mass:150.00 **Type:ISTD**
R.T:9.897 **Area:236160** **Conc:40.00000ppm**



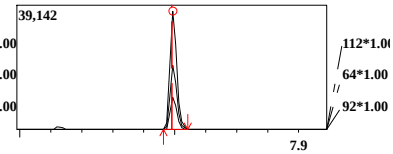
ID#:3 **Name:Pyridine**
Mass:79.00 **Type:Target**
R.T:3.992 **Area:53925** **Conc:10.45084ppm**



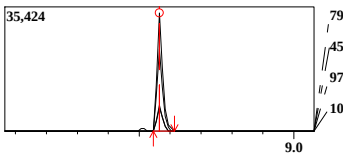
ID#:4 **Name:Methyl methanesulfonate**
Mass:80.00 **Type:Target**
R.T:7.124 **Area:32385** **Conc:10.90486ppm**



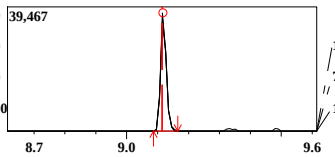
ID#:5 **Name:2-Fluorophenol**
Mass:112.00 **Type:Surrogate/SMC**
R.T:7.495 **Area:57364** **Conc:8.48695ppm**



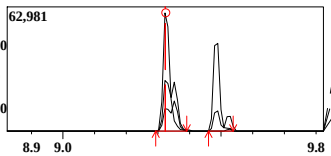
ID#:6 **Name:Ethyl methanesulfonate**
Mass:79.00 **Type:Target**
R.T:8.565 **Area:43604** **Conc:10.05843ppm**



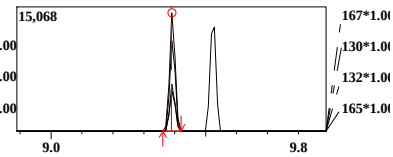
ID#:7 **Name:Benzaldehyde**
Mass:106.00 **Type:Target**
R.T:9.117 **Area:49455** **Conc:8.74826ppm**



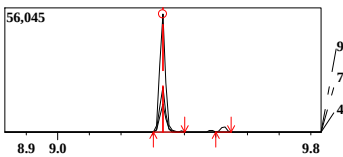
ID#:8 **Name:Aniline**
Mass:93.00 **Type:Target**
R.T:9.326 **Area:90659** **Conc:9.52130ppm**



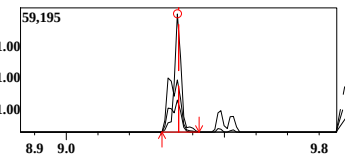
ID#:9 **Name:Pentachloroethane**
Mass:167.00 **Type:Target**
R.T:9.392 **Area:18372** **Conc:12.09815ppm**



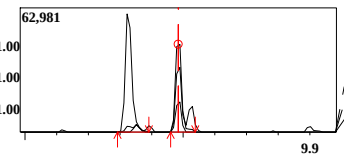
ID#:10 **Name:Phenol-d6**
Mass:99.00 **Type:Surrogate/SMC**
R.T:9.331 **Area:67533** **Conc:8.47373ppm**



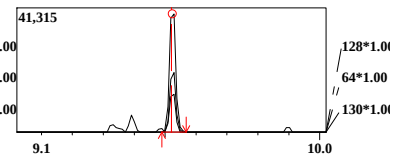
ID#:11 **Name:Phenol**
Mass:94.00 **Type:Target**
R.T:9.353 **Area:82951** **Conc:9.65667ppm**



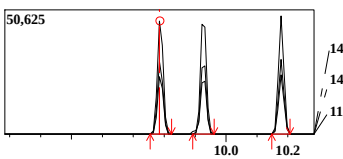
ID#:12 **Name:bis(2-Chloroethyl)Ether**
Mass:93.00 **Type:Target**
R.T:9.485 **Area:64898** **Conc:10.08291ppm**



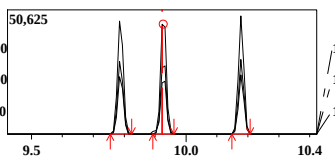
ID#:13 **Name:2-Chlorophenol**
Mass:128.00 **Type:Target**
R.T:9.524 **Area:58894** **Conc:9.16499ppm**



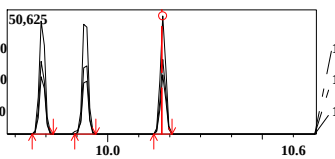
ID#:14 **Name:1,3-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.787 **Area:62840** **Conc:10.55717ppm**



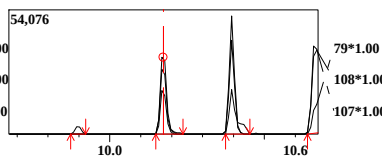
ID#:15 **Name:1,4-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.927 **Area:64767** **Conc:10.56101ppm**



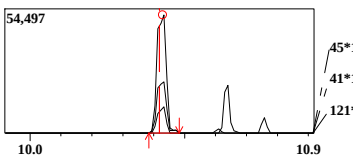
ID#:16 **Name:1,2-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:10.178 **Area:60301** **Conc:10.39481ppm**



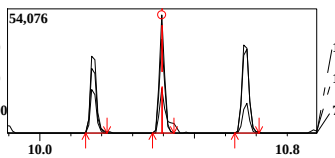
ID#:17 **Name:Benzyl Alcohol**
Mass:79.00 **Type:Target**
R.T:10.172 **Area:50139** **Conc:9.75140ppm**



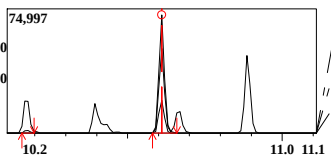
ID#:18 **Name:bis(2-Chloroisopropyl) Ether**
Mass:45.00 **Type:Target**
R.T:10.429 **Area:109901** **Conc:8.73602ppm**



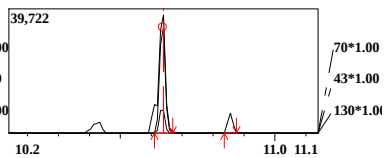
ID#:19 **Name:2-Methylphenol (o-Cresol)**
Mass:108.00 **Type:Target**
R.T:10.394 **Area:60409** **Conc:9.32514ppm**



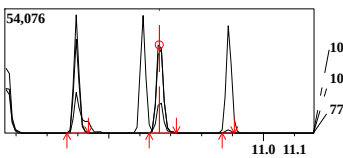
ID#:20 **Name:Acetophenone**
Mass:105.00 **Type:Target**
R.T:10.610 **Area:87961** **Conc:9.02005ppm**



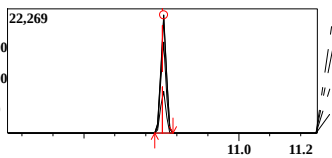
ID#:21 **Name:N-Nitrosodi-n-propylamine**
Mass:70.00 **Type:Target**
R.T:10.637 **Area:44692** **Conc:10.46192ppm**



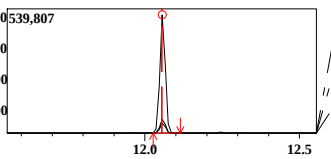
ID#:22 **Name:3+4-Methylphenol(m&p-Cresol)**
Mass:107.00 **Type:Target**
R.T:10.664 **Area:62742** **Conc:8.83504ppm**



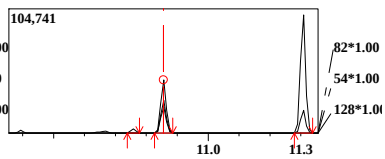
ID#:23 **Name:Hexachloroethane**
Mass:117.00 **Type:Target**
R.T:10.757 **Area:26703** **Conc:9.70387ppm**



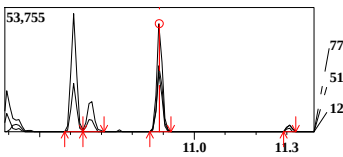
ID#:24 **Name:Naphthalene-d8 (IS)**
Mass:136.00 **Type:ISTD**
R.T:12.057 **Area:635194** **Conc:40.00000ppm**



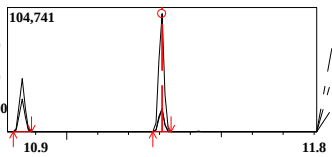
ID#:25 **Name:Nitrobenzene-d5**
Mass:82.00 **Type:Surrogate/SMC**
R.T:10.855 **Area:55695** **Conc:9.40722ppm**



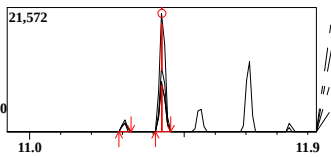
ID#:26 **Name:Nitrobenzene**
Mass:77.00 **Type:Target**
R.T:10.887 **Area:59505** **Conc:10.81996ppm**



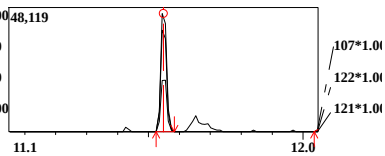
ID#:27 **Name:Isophorone**
Mass:82.00 **Type:Target**
R.T:11.307 **Area:119095** **Conc:10.51892ppm**



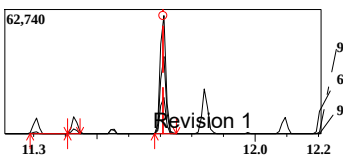
ID#:28 **Name:2-Nitrophenol**
Mass:139.00 **Type:Target**
R.T:11.429 **Area:26722** **Conc:10.30243ppm**



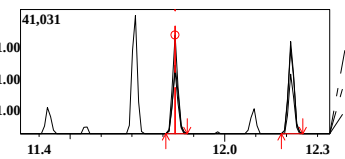
ID#:29 **Name:2,4-Dimethylphenol**
Mass:107.00 **Type:Target**
R.T:11.548 **Area:62433** **Conc:9.32167ppm**



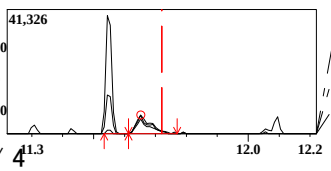
ID#:30 **Name:Bis(2-Chloroethoxy)methane**
Mass:93.00 **Type:Target**
R.T:11.709 **Area:75057** **Conc:10.05948ppm**



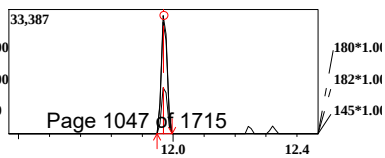
ID#:31 **Name:2,4-Dichlorophenol**
Mass:162.00 **Type:Target**
R.T:11.839 **Area:39796** **Conc:11.31304ppm**



ID#:32 **Name:Benzoic Acid**
Mass:105.00 **Type:Target**
R.T:11.653 **Area:20955** **Conc:9.66788ppm**

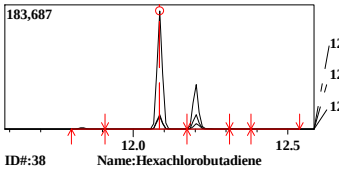


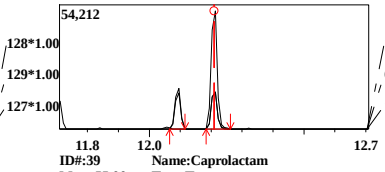
ID#:33 **Name:1,2,4-Trichlorobenzene**
Mass:180.00 **Type:Target**
R.T:11.970 **Area:42616** **Conc:12.87088ppm**



ID#:34 Name:Naphthalene
Mass:128.00 Type:Target

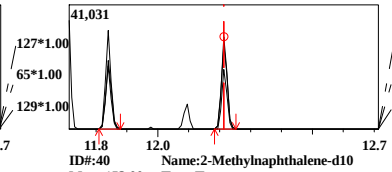
R.T:12.085 Area:210073 Conc:10.85335ppm





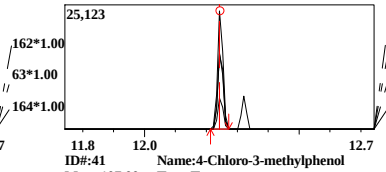
ID#:35 Name:4-Chloroaniline
Mass:127.00 Type:Target

R.T:12.210 Area:71416 Conc:8.92749ppm



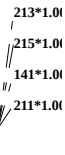
ID#:36 Name:2,6-Dichlorophenol
Mass:162.00 Type:Target

R.T:12.214 Area:38700 Conc:11.09790ppm



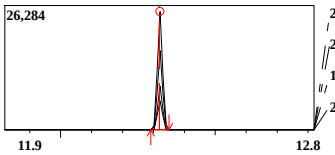
ID#:37 Name:Hexachloropropene
Mass:213.00 Type:Target

R.T:12.244 Area:29526 Conc:12.81747ppm



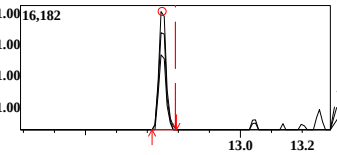
ID#:38 Name:Hexachlorobutadiene
Mass:225.00 Type:Target

R.T:12.321 Area:29622 Conc:13.74267ppm



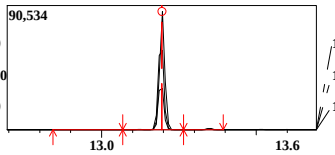
ID#:39 Name:Caprolactam
Mass:55.00 Type:Target

R.T:12.748 Area:26296 Conc:8.05940ppm



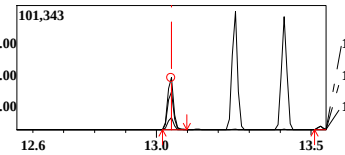
ID#:40 Name:2-Methylnaphthalene-d10
Mass:152.00 Type:Target

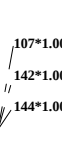
R.T:13.196 Area:100331 Conc:10.79209ppm



ID#:41 Name:4-Chloro-3-methylphenol
Mass:107.00 Type:Target

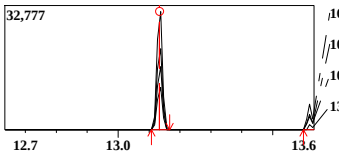
R.T:13.046 Area:57558 Conc:9.25656ppm





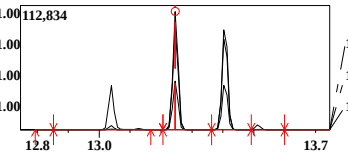
ID#:42 Name:Safrole
Mass:162.00 Type:Target

R.T:13.135 Area:40152 Conc:11.33505ppm



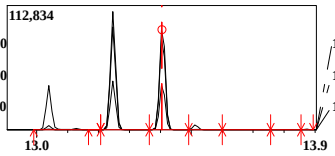
ID#:43 Name:2-Methylnaphthalene
Mass:142.00 Type:Target

R.T:13.246 Area:131153 Conc:11.25027ppm



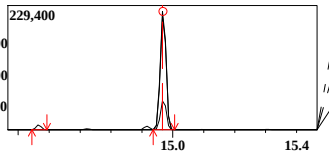
ID#:44 Name:1-Methylnaphthalene
Mass:142.00 Type:Target

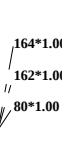
R.T:13.406 Area:123739 Conc:11.19762ppm



ID#:45 Name:Acenaphthene-d10 (IS)
Mass:164.00 Type:ISTD

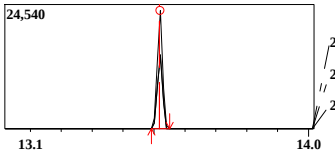
R.T:14.969 Area:294921 Conc:40.00000ppm





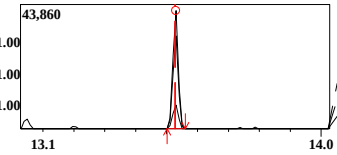
ID#:46 Name:Hexachlorocyclopentadiene
Mass:237.00 Type:Target

R.T:13.520 Area:28386 Conc:9.68681ppm



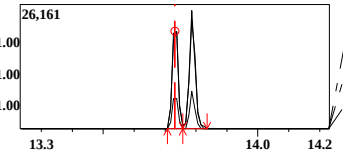
ID#:47 Name:1,2,4,5-Tetrachlorobenzene
Mass:216.00 Type:Target

R.T:13.529 Area:51579 Conc:11.21820ppm



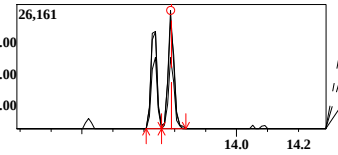
ID#:48 Name:2,4,6-Trichlorophenol
Mass:196.00 Type:Target

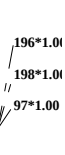
R.T:13.733 Area:29933 Conc:11.53990ppm



ID#:49 Name:2,4,5-Trichlorophenol
Mass:196.00 Type:Target

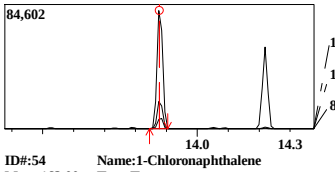
R.T:13.787 Area:32320 Conc:12.00356ppm





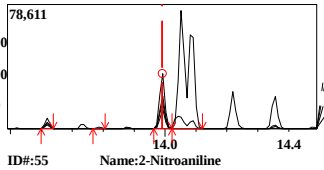
ID#:50 Name:2-Fluorobiphenyl
Mass:172.00 Type:Surrogate/SMC

R.T:13.878 Area:105311 Conc:9.57316ppm



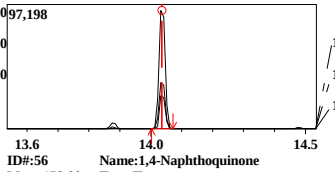
ID#:51 Name:Isosafrole
Mass:162.00 Type:Target

R.T:13.991 Area:41924 Conc:9.94919ppm



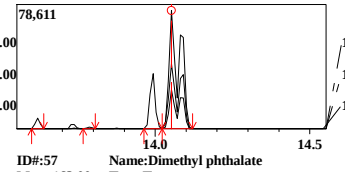
ID#:52 Name:1,1'-Biphenyl
Mass:154.00 Type:Target

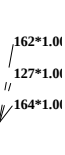
R.T:14.037 Area:131855 Conc:9.58011ppm



ID#:53 Name:2-Chloronaphthalene
Mass:162.00 Type:Target

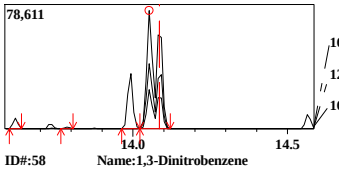
R.T:14.053 Area:180533 Conc:18.18523ppm





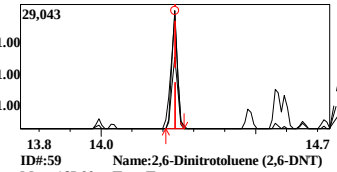
ID#:54 Name:1-Chloronaphthalene
Mass:162.00 Type:Target

R.T:14.053 Area:180533 Conc:22.02854ppm



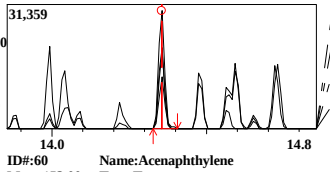
ID#:55 Name:2-Nitroaniline
Mass:138.00 Type:Target

R.T:14.238 Area:35010 Conc:8.94290ppm



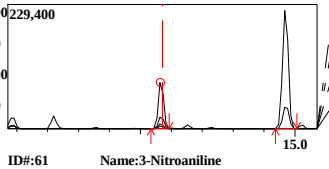
ID#:56 Name:1,4-Naphthoquinone
Mass:158.00 Type:Target

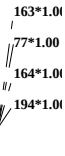
R.T:14.355 Area:40886 Conc:9.96725ppm



ID#:57 Name:Dimethyl phthalate
Mass:163.00 Type:Target

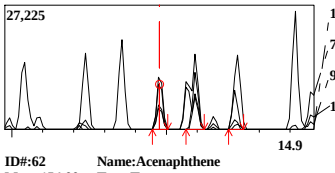
R.T:14.566 Area:106055 Conc:10.39199ppm





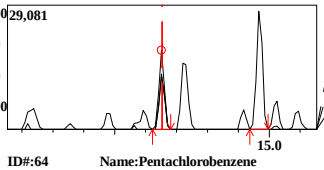
ID#:58 Name:1,3-Dinitrobenzene
Mass:168.00 Type:Target

R.T:14.478 Area:13709 Conc:11.02086ppm



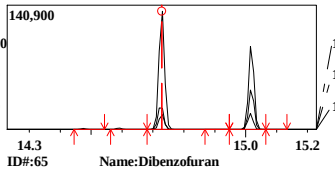
ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT)
Mass:165.00 Type:Target

R.T:14.652 Area:22448 Conc:10.96911ppm



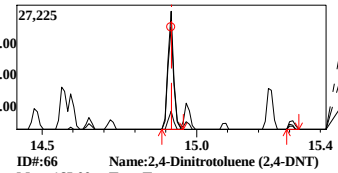
ID#:60 Name:Acenaphthylene
Mass:152.00 Type:Target

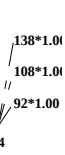
R.T:14.729 Area:174796 Conc:10.10320ppm



ID#:61 Name:3-Nitroaniline
Mass:138.00 Type:Target

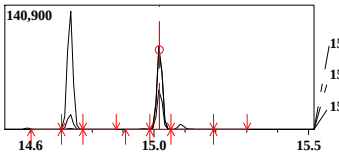
R.T:14.916 Area:29348 Conc:8.62821ppm





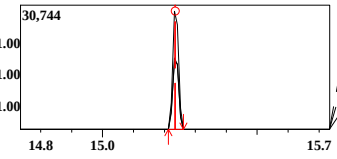
ID#:62 Name:Acenaphthene
Mass:154.00 Type:Target

R.T:15.018 Area:115225 Conc:10.73576ppm



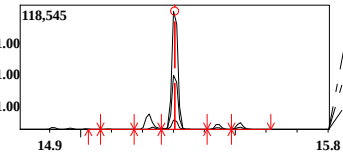
ID#:64 Name:Pentachlorobenzene
Mass:250.00 Type:Target

R.T:15.236 Area:39624 Conc:10.86996ppm



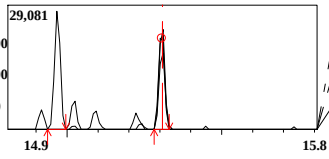
ID#:65 Name:Dibenzofuran
Mass:168.00 Type:Target

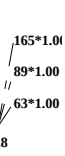
R.T:15.304 Area:157836 Conc:11.40217ppm



ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT)
Mass:165.00 Type:Target

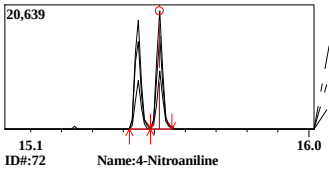
R.T:15.305 Area:30648 Conc:10.53913ppm





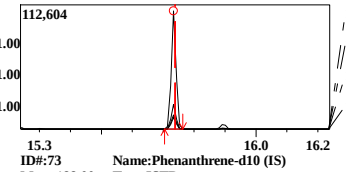
ID#:68 Name:2,3,4,6-Tetrachlorophenol
Mass:232.00 Type:Target

R.T:15.517 Area:26726 Conc:11.24644ppm



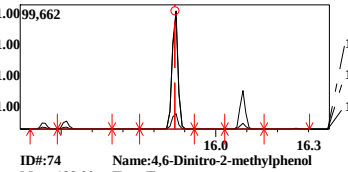
ID#:69 Name:Diethyl phthalate
Mass:149.00 Type:Target

R.T:15.733 Area:116439 Conc:9.97201ppm



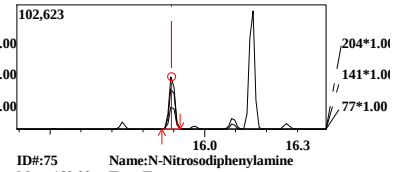
ID#:70 Name:Fluorene
Mass:166.00 Type:Target

R.T:15.869 Area:125813 Conc:11.44545ppm



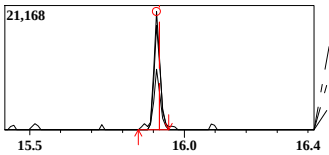
ID#:71 Name:4-Chlorophenyl phenyl ether
Mass:204.00 Type:Target

R.T:15.893 Area:57360 Conc:11.81393ppm



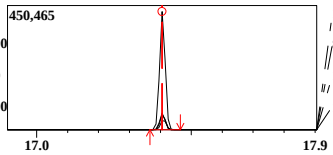
ID#:72 Name:4-Nitroaniline
Mass:138.00 Type:Target

R.T:15.911 Area:29211 Conc:8.88096ppm



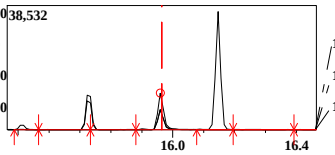
ID#:73 Name:Phenanthrene-d10 (IS)
Mass:188.00 Type:ISTD

R.T:17.406 Area:548074 Conc:40.00000ppm



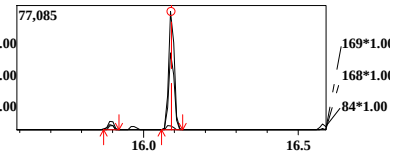
ID#:74 Name:4,6-Dinitro-2-methylphenol
Mass:198.00 Type:Target

R.T:15.960 Area:15723 Conc:15.41806ppm



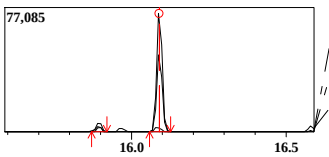
ID#:75 Name:N-Nitrosodiphenylamine
Mass:169.00 Type:Target

R.T:16.090 Area:94026 Conc:9.67445ppm



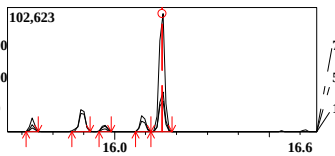
ID#:76 Name:Diphenylamine
Mass:169.00 Type:Target

R.T:16.090 Area:94026 Conc:9.67445ppm



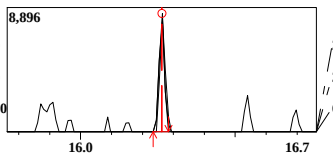
ID#:77 Name:1,2-Diphenylhydrazine
Mass:77.00 Type:Target

R.T:16.154 Area:124849 Conc:8.54085ppm



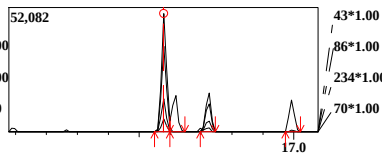
ID#:78 Name:2,4,6-Tribromophenol
Mass:330.00 Type:Surrogate/SMC

R.T:16.263 Area:10166 Conc:7.13996ppm



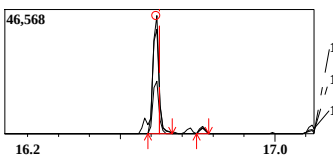
ID#:79 Name:(cis/trans)-Diallate
Mass:43.00 Type:Target

R.T:16.580 Area:58409 Conc:6.54464ppm



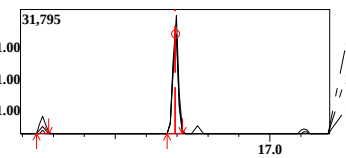
ID#:80 Name:Phenacetin
Mass:108.00 Type:Target

R.T:16.616 Area:59722 Conc:7.14534ppm



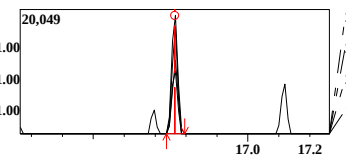
ID#:81 Name:4-Bromophenyl phenyl ether
Mass:250.00 Type:Target

R.T:16.695 Area:30092 Conc:9.68530ppm



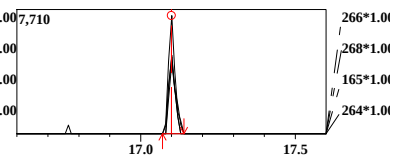
ID#:82 Name:Hexachlorobenzene
Mass:284.00 Type:Target

R.T:16.764 Area:26732 Conc:8.14517ppm



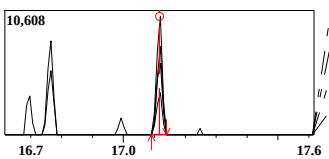
ID#:84 Name:Pentachlorophenol
Mass:266.00 Type:Target

R.T:17.100 Area:10991 Conc:8.60335ppm



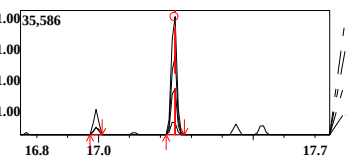
ID#:85 Name:Pentachloronitrobenzene
Mass:237.00 Type:Target

R.T:17.118 Area:13060 Conc:9.32924ppm



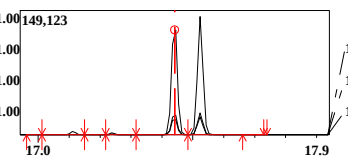
ID#:86 Name:Pronamide (Kerb)
Mass:173.00 Type:Target

R.T:17.245 Area:43466 Conc:9.41084ppm



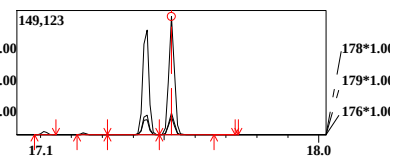
ID#:87 Name:Phenanthrene
Mass:178.00 Type:Target

R.T:17.441 Area:178345 Conc:10.66151ppm



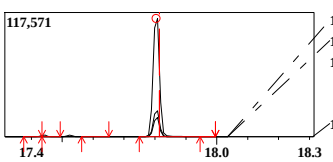
ID#:88 Name:Anthracene
Mass:178.00 Type:Target

R.T:17.524 Area:181354 Conc:10.84715ppm



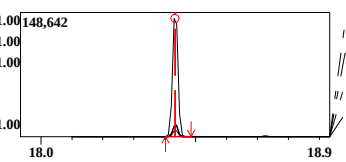
ID#:89 Name:Carbazole
Mass:167.00 Type:Target

R.T:17.804 Area:166450 Conc:10.39461ppm



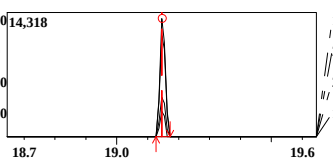
ID#:90 Name:Di-n-butyl phthalate
Mass:149.00 Type:Target

R.T:18.434 Area:189789 Conc:9.09744ppm



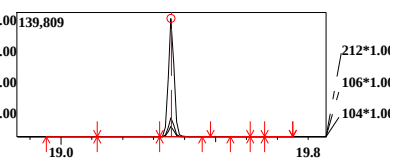
ID#:92 Name:Isodrin
Mass:193.00 Type:Target

R.T:19.147 Area:17420 Conc:10.52630ppm



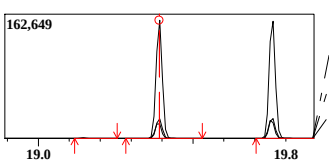
ID#:93 Name:Fluoranthene-d10
Mass:212.00 Type:Target

R.T:19.356 Area:174073 Conc:10.71690ppm



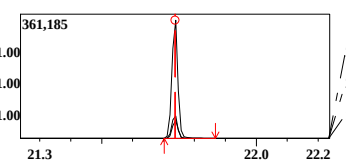
ID#:94 Name:Fluoranthene
Mass:202.00 Type:Target

R.T:19.391 Area:215067 Conc:11.70723ppm



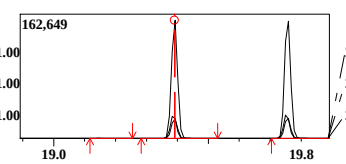
ID#:95 Name:Chrysene-d12 (IS)
Mass:240.00 Type:ISTD

R.T:21.737 Area:476168 Conc:40.00000ppm



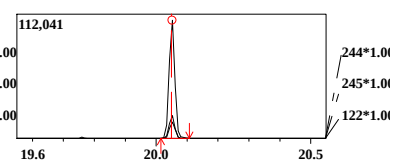
ID#:96 Name:Pyrene
Mass:202.00 Type:Target

R.T:19.391 Area:215067 Conc:11.39065ppm



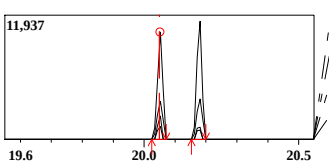
ID#:97 Name:p-Terphenyl-d14
Mass:244.00 Type:Surrogate/SMC

R.T:20.051 Area:136124 Conc:9.18177ppm



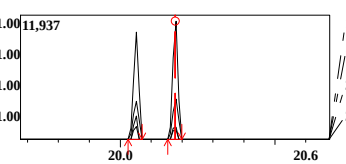
ID#:98 Name:Aramite A
Mass:185.00 Type:Target

R.T:20.052 Area:11976 Conc:5.10074ppm



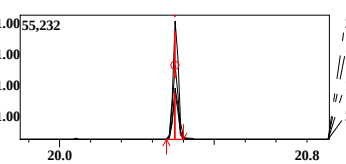
ID#:99 Name:Aramite B
Mass:185.00 Type:Target

R.T:20.179 Area:13320 Conc:5.11481ppm



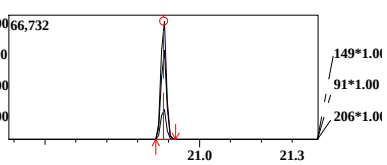
ID#:100 Name:Chlorobenzilate
Mass:251.00 Type:Target

R.T:20.374 Area:39828 Conc:9.45699ppm



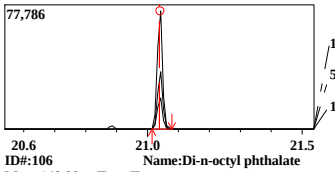
ID#:101 Name:Butyl benzyl phthalate
Mass:149.00 Type:Target

R.T:20.884 Area:78948 Conc:9.29960ppm



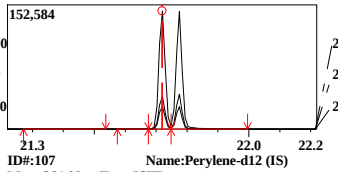
ID#:102 Name:Di(2-ethylhexyl) adipate
Mass:129.00 Type:Target

R.T:21.041 Area:87339 Conc:8.29155ppm



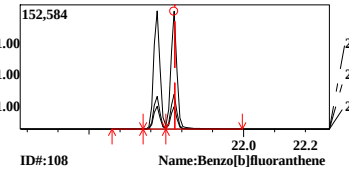
ID#:103 Name:Benzo[a]anthracene
Mass:228.00 Type:Target

R.T:21.720 Area:206203 Conc:10.75839ppm



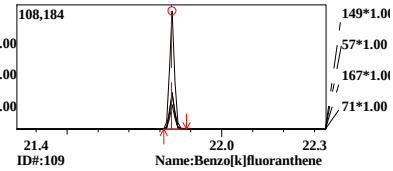
ID#:104 Name:Chrysene
Mass:228.00 Type:Target

R.T:21.775 Area:199866 Conc:11.44194ppm



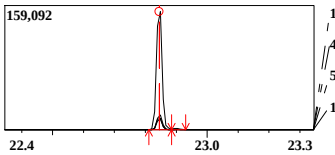
ID#:105 Name:Bis(2-Ethylhexyl) phthalate
Mass:149.00 Type:Target

R.T:21.839 Area:116852 Conc:9.32079ppm



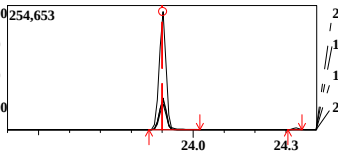
ID#:106 Name:Di-n-octyl phthalate
Mass:149.00 Type:Target

R.T:22.845 Area:196743 Conc:9.37694ppm



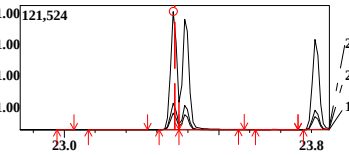
ID#:107 Name:Perylene-d12 (IS)
Mass:264.00 Type:ISTD

R.T:23.901 Area:368522 Conc:40.00000ppm



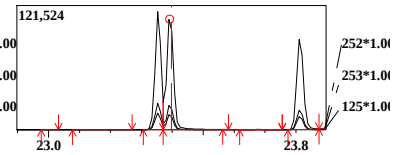
ID#:108 Name:Benzo[b]fluoranthene
Mass:252.00 Type:Target

R.T:23.354 Area:163234 Conc:10.22112ppm



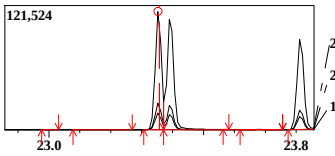
ID#:109 Name:Benzo[k]fluoranthene
Mass:252.00 Type:Target

R.T:23.392 Area:168547 Conc:11.69261ppm



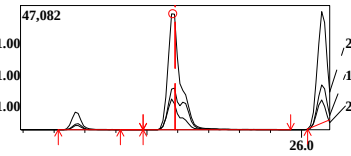
ID#:110 Name:Benzo[a]pyrene
Mass:252.00 Type:Target

R.T:23.354 Area:163234 Conc:13.22954ppm



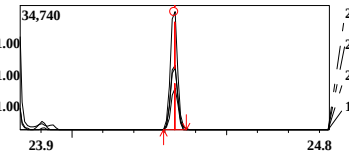
ID#:111 Name:Indeno(1,2,3-cd)pyrene
Mass:276.00 Type:Target

R.T:25.584 Area:126059 Conc:12.46334ppm



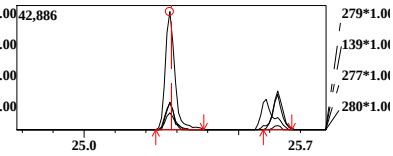
ID#:112 Name:3-Methylcholanthrene
Mass:268.00 Type:Target

R.T:24.329 Area:54670 Conc:8.15192ppm



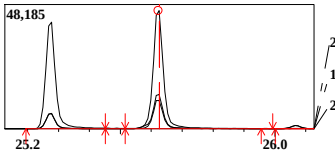
ID#:113 Name:Dibenz(a,j)Acridine
Mass:279.00 Type:Target

R.T:25.276 Area:86957 Conc:9.08110ppm



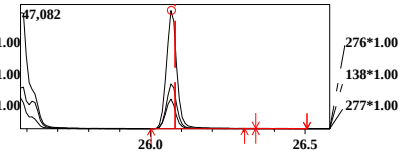
ID#:114 Name:Dibenzo[a,h]anthracene
Mass:278.00 Type:Target

R.T:25.622 Area:108990 Conc:10.08845ppm



ID#:115 Name:Benzo[g,h,i]perylene
Mass:276.00 Type:Target

R.T:26.068 Area:106256 Conc:9.95772ppm



Analyst: CMN Instrument: J7H Trace Number: SVOC-BO45-F14-Y
Method: 8270C/D/E/625.1 Batch:
Sample ID: A ICAL5 Data File: C:\GCMSsolution\Data\221130H008.qgd
Date: 11/30/2022 Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm
Time: 20:16:30 Sample Name: A ICAL5
Dilution: 1

Internal Standard

ID#	Name	Mass	Time	Area	Conc.
1	1,4-Dichlorobenzene-d4 (IS)	150.00	9.90	254037	40.00
24	Naphthalene-d8 (IS)	136.00	12.06	663566	40.00
45	Acenaphthene-d10 (IS)	164.00	14.97	308606	40.00
73	Phenanthrene-d10 (IS)	188.00	17.41	562686	40.00
95	Chrysene-d12 (IS)	240.00	21.74	469649	40.00
107	Perylene-d12 (IS)	264.00	23.90	359618	40.00

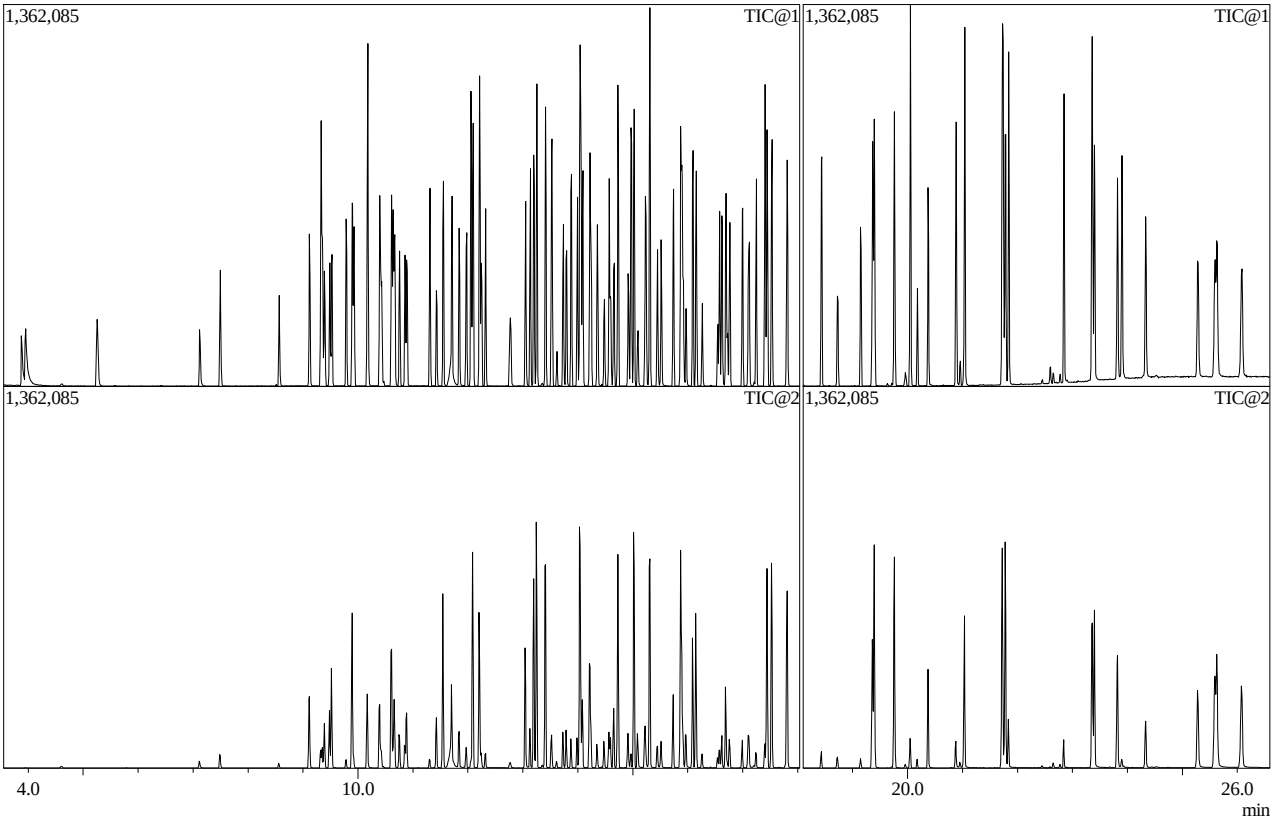
Surrogate

ID#	Name	Mass	Time	Area	Conc.
5	2-Fluorophenol	112.00	7.49	191016	31.69
10	Phenol-d6	99.00	9.33	232774	32.21
25	Nitrobenzene-d5	82.00	10.86	192243	31.13
50	2-Fluorobiphenyl	172.00	13.88	343295	30.68
78	2,4,6-Tribromophenol	330.00	16.26	34383	28.09
97	p-Terphenyl-d14	244.00	20.05	439084	31.41

Target

ID#	Name	Mass	Time	Area	Conc.
2	N-Nitrosodimethylamine	74.00	3.88	155388	31.55
3	Pyridine	79.00	3.95	213397	31.62
4	Methyl methanesulfonate	80.00	7.12	109363	32.29
6	Ethyl methanesulfonate	79.00	8.57	147242	32.18
7	Benzaldehyde	106.00	9.12	164812	32.49
8	Aniline	93.00	9.33	304292	31.82
9	Pentachloroethane	167.00	9.39	58814	31.46
11	Phenol	94.00	9.36	288935	32.21
12	bis(2-Chloroethyl)Ether	93.00	9.49	214384	32.01
13	2-Chlorophenol	128.00	9.52	203151	31.98
14	1,3-Dichlorobenzene	146.00	9.79	207329	31.88
15	1,4-Dichlorobenzene	146.00	9.93	208954	31.42
16	1,2-Dichlorobenzene	146.00	10.18	198955	31.06
17	Benzyl Alcohol	79.00	10.17	180279	32.30
18	bis(2-Chloroisopropyl) Ether	45.00	10.43	360305	31.07
19	2-Methylphenol (o-Cresol)	108.00	10.40	201346	31.80
20	Acetophenone	105.00	10.61	294570	31.64
21	N-Nitrosodi-n-propylamine	70.00	10.64	150752	31.50
22	3+4-Methylphenol(m&p-Cresol)	107.00	10.67	215340	31.70
23	Hexachloroethane	117.00	10.76	87738	31.29
26	Nitrobenzene	77.00	10.89	199640	30.75
27	Isophorone	82.00	11.31	392094	30.66
28	2-Nitrophenol	139.00	11.43	99724	31.33
29	2,4-Dimethylphenol	107.00	11.55	217298	31.28
30	Bis(2-Chloroethoxy)methane	93.00	11.71	247702	30.53
31	2,4-Dichlorophenol	162.00	11.84	137517	31.64
32	Benzoic Acid	105.00	11.70	114270	29.12
33	1,2,4-Trichlorobenzene	180.00	11.97	141402	30.74
34	Naphthalene	128.00	12.09	678032	29.86
35	4-Chloroaniline	127.00	12.21	243618	30.53
36	2,6-Dichlorophenol	162.00	12.22	131021	30.66
37	Hexachloropropene	213.00	12.25	103949	30.87
38	Hexachlorobutadiene	225.00	12.32	97178	30.76
39	Caprolactam	55.00	12.77	94145	31.41
40	2-Methylnaphthalene-d10	152.00	13.20	326106	30.91
41	4-Chloro-3-methylphenol	107.00	13.05	197785	31.19
42	Safrole	162.00	13.14	130267	30.70
43	2-Methylnaphthalene	142.00	13.25	433424	29.95
44	1-Methylnaphthalene	142.00	13.41	405648	29.55
46	Hexachlorocyclopentadiene	237.00	13.52	99154	30.18
47	1,2,4,5-Tetrachlorobenzene	216.00	13.53	169118	30.78
48	2,4,6-Trichlorophenol	196.00	13.73	100758	31.01
49	2,4,5-Trichlorophenol	196.00	13.79	110596	31.23
51	Isosafrole	162.00	13.99	135071	30.75
52	1,1'-Biphenyl	154.00	14.04	422335	30.33
53	2-Chloronaphthalene	162.00	14.05	319742	29.60
54	1-Chloronaphthalene	162.00	14.09	262409	31.03
55	2-Nitroaniline	138.00	14.24	119486	30.73
56	1,4-Naphthoquinone	158.00	14.36	135946	31.64
57	Dimethyl phthalate	163.00	14.57	342190	30.42
58	1,3-Dinitrobenzene	168.00	14.48	49047	29.83

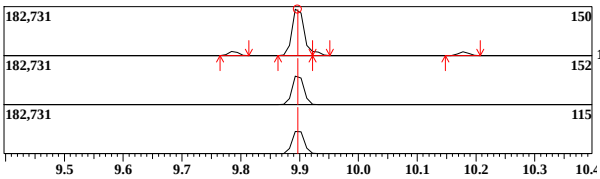
ID#	Name	Mass	Time	Area	Conc.
59	2,6-Dinitrotoluene (2,6-DNT)	165.00	14.66	73867	30.63
60	Acenaphthylene	152.00	14.73	559125	29.63
61	3-Nitroaniline	138.00	14.92	102534	31.68
62	Acenaphthene	154.00	15.02	370453	29.58
63	2,4-Dinitrophenol	184.00	15.09	40971	30.40
64	Pentachlorobenzene	250.00	15.24	129278	30.44
65	Dibenzofuran	168.00	15.31	511119	30.50
66	2,4-Dinitrotoluene (2,4-DNT)	165.00	15.31	108276	31.12
67	4-Nitrophenol	65.00	15.22	73668	30.52
68	2,3,4,6-Tetrachlorophenol	232.00	15.52	94267	31.48
69	Diethyl phthalate	149.00	15.74	373667	30.50
70	Fluorene	166.00	15.87	398404	29.26
71	4-Chlorophenyl phenyl ether	204.00	15.89	185244	30.56
72	4-Nitroaniline	138.00	15.92	95428	31.68
74	4,6-Dinitro-2-methylphenol	198.00	15.96	55589	30.39
75	N-Nitrosodiphenylamine	169.00	16.09	294166	30.22
76	Diphenylamine	169.00	16.09	294166	30.22
77	1,2-Diphenylhydrazine	77.00	16.15	394908	30.30
79	(cis/trans)-Diallate	43.00	16.58	183784	29.88
80	Phenacetin	108.00	16.62	198933	31.14
81	4-Bromophenyl phenyl ether	250.00	16.70	98595	30.52
82	Hexachlorobenzene	284.00	16.76	89758	30.48
83	Atrazine	200.00	17.00	101451	31.16
84	Pentachlorophenol	266.00	17.10	44172	29.13
85	Pentachloronitrobenzene	237.00	17.12	48209	31.35
86	Pronamide (Kerb)	173.00	17.25	147266	30.93
87	Phenanthrene	178.00	17.44	563710	30.21
88	Anthracene	178.00	17.52	566540	29.06
89	Carbazole	167.00	17.81	528082	30.44
90	Di-n-butyl phthalate	149.00	18.43	626207	30.61
91	4-Nitroquinoline-N-Oxide	190.00	18.73	37191	29.18
92	Isodrin	193.00	19.15	56328	30.42
93	Fluoranthene-d10	212.00	19.36	532990	30.54
94	Fluoranthene	202.00	19.39	672374	29.27
96	Pyrene	202.00	19.76	670596	30.40
98	Aramite A	185.00	20.05	42165	14.99
99	Aramite B	185.00	20.18	45634	16.27
100	Chlorobenzilate	251.00	20.37	136000	31.49
101	Butyl benzyl phthalate	149.00	20.88	263593	31.52
102	Di(2-ethylhexyl) adipate	129.00	21.04	280881	31.19
103	Benzo[a]anthracene	228.00	21.72	615462	31.32
104	Chrysene	228.00	21.78	605557	30.51
105	Bis(2-Ethylhexyl) phthalate	149.00	21.84	387048	31.54
106	Di-n-octyl phthalate	149.00	22.85	641356	31.31
108	Benzo[b]fluoranthene	252.00	23.36	541591	30.42
109	Benzo[k]fluoranthene	252.00	23.40	483734	28.51
110	Benzo[a]pyrene	252.00	23.82	415214	29.83
111	Indeno(1,2,3-cd)pyrene	276.00	25.59	333648	33.06
112	3-Methylcholanthrene	268.00	-	---	N.D.
113	Dibenz(a,j)Acridine	279.00	25.28	287539	31.53
114	Dibenzo[a,h]anthracene	278.00	25.63	348501	32.21
115	Benzo[g,h,i]perylene	276.00	26.08	338009	30.77
116	2-Picoline (2-Methylpyridine)	93.00	-	---	N.D.(Peak)
117	N-Nitrosomethylethylamine	88.00	-	---	N.D.(Peak)
118	N-Nitrosodiethylamine	102.00	-	---	N.D.(Peak)
119	n-Decane	57.00	-	---	N.D.(Ref)
120	N-Nitrosopyrrolidine	100.00	-	---	N.D.(Peak)
121	N-Nitrosomorpholine	56.00	-	---	N.D.(Ref)
122	o-Toluidine	106.00	-	---	N.D.(Ref)
123	N-Nitrosopiperidine	114.00	-	---	N.D.(Peak)
124	a,a-Dimethylphenethylamine	58.00	-	---	N.D.(Peak)
125	Alpha-Terpineol	59.00	-	---	N.D.(Ref)
126	p-Phenylenediamine	108.00	-	---	N.D.(Ref)
127	N-Nitrosodi-n-butylamine	84.00	-	---	N.D.(Ref)
128	2,3-Dichloroaniline	161.00	-	---	N.D.
129	1-Naphthylamine	143.00	-	---	N.D.(Ref)
130	2-Naphthylamine	143.00	-	---	N.D.(Ref)
131	5-Nitro-o-Toluidine	152.00	-	---	N.D.(Ref)
132	4-Aminobiphenyl	169.00	-	---	N.D.(Ref)
133	n-Octadecane	57.00	-	---	N.D.(Ref)
134	Benzidine	184.00	-	---	N.D.(Ref)
135	4-Dimethyl aminoazobenzene	120.00	-	---	N.D.(Ref)
136	3,3'-Dimethylbenzidine	212.00	-	---	N.D.(Ref)
137	2-Acetylaminofluorene	181.00	-	---	N.D.(Peak)
138	3,3`-Dichlorobenzidine	252.00	-	---	N.D.(Peak)
139	7,12-Dimethylbenz[a]anthracene	256.00	-	---	N.D.(Ref)


1,362,085
TIC@1
1,362,085
TIC@1
1,362,085
TIC@2
1,362,085
TIC@2
4.0
10.0
20.0
26.0
min

ID#:1 Name:1,4-Dichlorobenzene-d4 (IS) Type:ISTD Manual Integration Performed
Manual Reason: Split peak. CMN 12/1/2022

Mass:150.00 R.T:9.896 Area:254037 Conc:40.00000ppm
Event:1:Scan SI:98

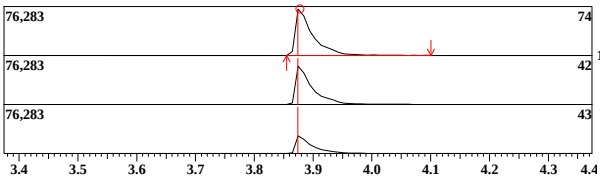
#	m/z	Area	Ratio	Reference
1	152.00	75846	65.15	65.66
2	115.00	60664	52.11	48.88



ID#:2 Name:N-Nitrosodimethylamine Type:Target No Manual Integration

Mass:74.00 R.T:3.878 Area:155388 Conc:31.54514ppm
Event:1:Scan SI:96

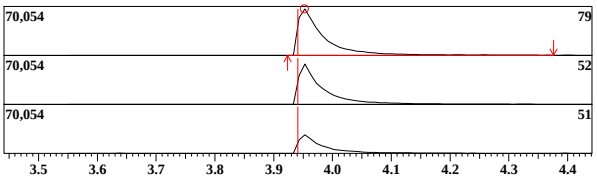
#	m/z	Area	Ratio	Reference
1	42.00	37318	79.45	72.10
2	43.00	17037	36.27	38.30



ID#:3 Name:Pyridine Type:Target Manual Integration Performed
Manual Reason: Baseline smoothing. CMN 12/1/2022

Mass:79.00 R.T:3.953 Area:213397 Conc:31.62268ppm
Event:1:Scan SI:97

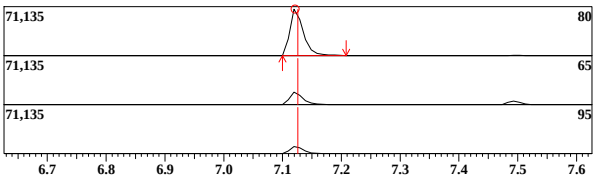
#	m/z	Area	Ratio	Reference
1	52.00	47623	82.19	80.35
2	51.00	22304	38.49	37.95



ID#:4 Name:Methyl methanesulfonate Type:Target No Manual Integration

Mass:80.00 R.T:7.122 Area:109363 Conc:32.28531ppm
Event:1:Scan SI:98

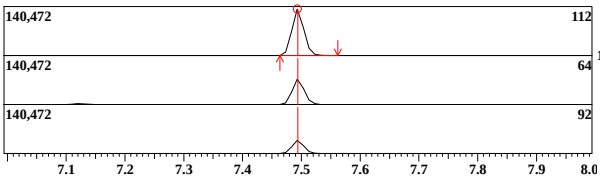
#	m/z	Area	Ratio	Reference
1	65.00	13028	27.02	35.13
2	95.00	7654	15.88	18.43



ID#:5 Name:2-Fluorophenol Type:Surrogate/SMC No Manual Integration

Mass:112.00 R.T:7.494 Area:191016 Conc:31.68690ppm
Event:1:Scan SI:85

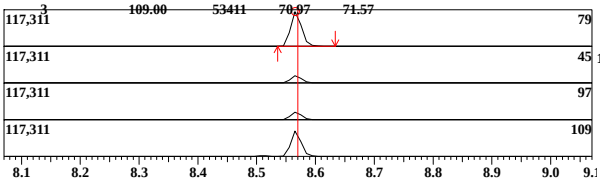
#	m/z	Area	Ratio	Reference
1	64.00	51907	54.94	72.76
2	92.00	26698	28.26	26.11



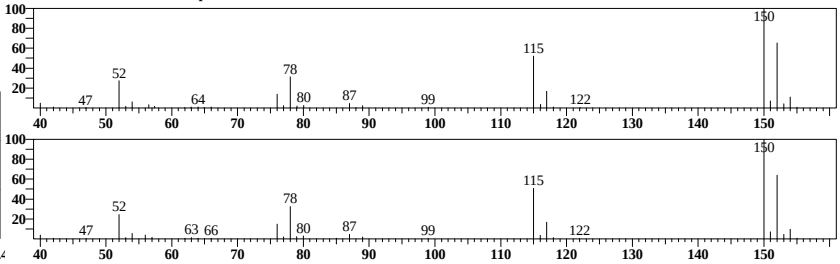
ID#:6 Name:Ethyl methanesulfonate Type:Target No Manual Integration

Mass:79.00 R.T:8.566 Area:147242 Conc:32.18003ppm
Event:1:Scan SI:98

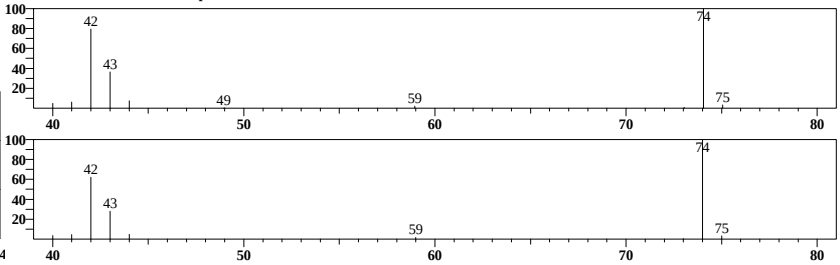
#	m/z	Area	Ratio	Reference
1	45.00	15455	20.54	17.15
2	97.00	16894	22.45	24.70
3	109.00	53411	70.97	71.57



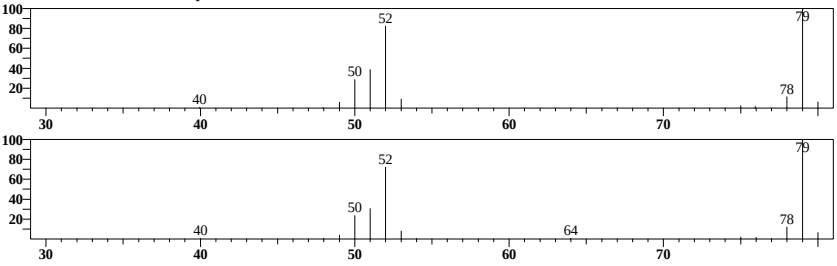
ID#:1 R.Time:9.893(Scan#:1291)
MassPeaks:33
RawMode:Averaged 9.883-9.902(1289-1293)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



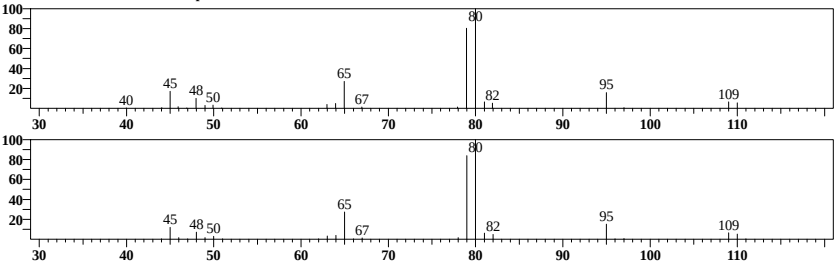
ID#:2 R.Time:3.874(Scan#:67)
MassPeaks:10
RawMode:Averaged 3.865-3.884(65-69)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



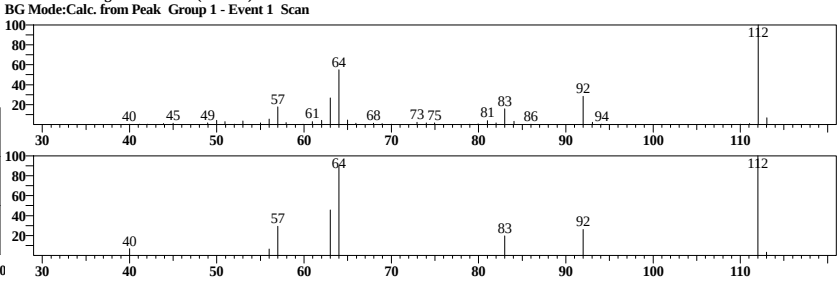
ID#:3 R.Time:3.953(Scan#:83)
MassPeaks:12
RawMode:Averaged 3.943-3.963(81-85)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



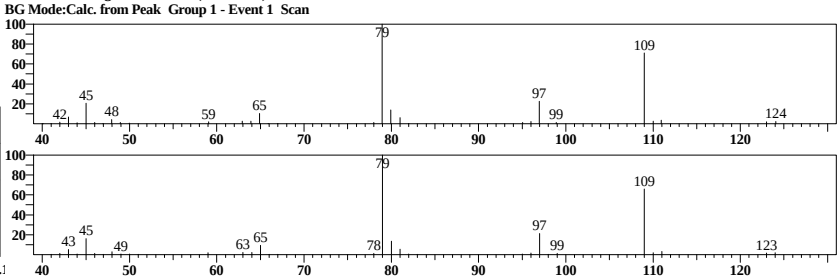
ID#:4 R.Time:7.120(Scan#:727)
MassPeaks:22
RawMode:Averaged 7.110-7.129(725-729)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:5 R.Time:7.493(Scan#:803)
MassPeaks:41
RawMode:Averaged 7.483-7.503(801-805)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



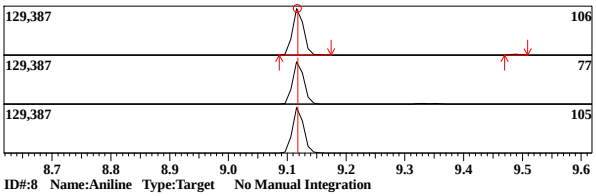
ID#:6 R.Time:8.565(Scan#:1021)
MassPeaks:31
RawMode:Averaged 8.555-8.575(1019-1023)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



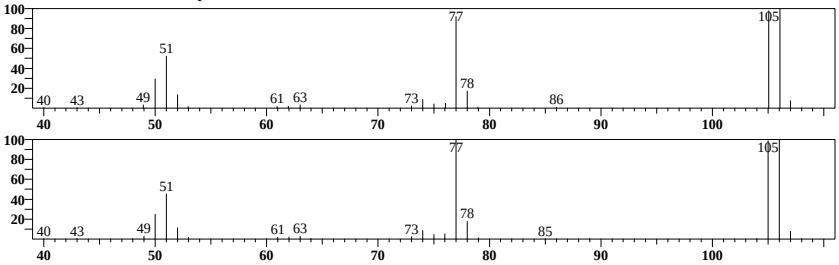
ID#:7 Name:Benzaldehyde Type:Target No Manual Integration

Mass:106.00 R.T:9.117 Area:164812 Conc:32.49353ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	77.00	77948	91.84	85.00
2	105.00	83020	97.82	96.78



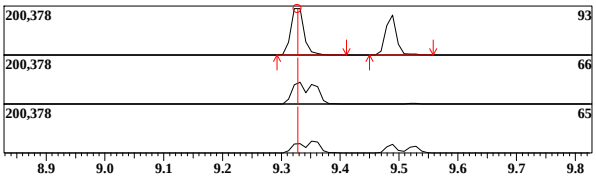
ID#:7 R.Time:9.116(Scan#:1133)
MassPeaks:22
RawMode:Averaged 9.106-9.126(1131-1135)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



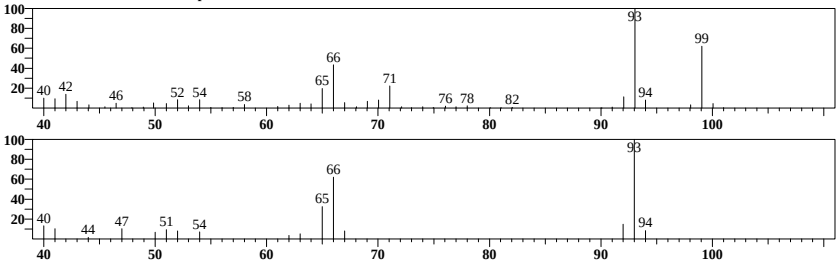
ID#:8 Name:Aniline Type:Target No Manual Integration

Mass:93.00 R.T:9.327 Area:304292 Conc:31.81554ppm
Event:1:Scan SI:72

#	m/z	Area	Ratio	Reference
1	66.00	62864	43.48	46.22
2	65.00	28441	19.67	22.48



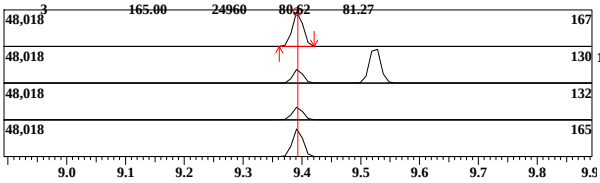
ID#:8 R.Time:9.322(Scan#:1175)
MassPeaks:48
RawMode:Averaged 9.312-9.332(1173-1177)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



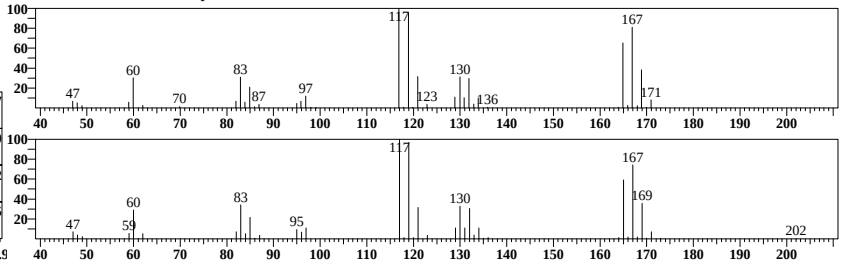
ID#:9 Name:Pentachloroethane Type:Target No Manual Integration

Mass:167.00 R.T:9.392 Area:58814 Conc:31.46237ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	130.00	11944	38.58	38.70
2	132.00	11352	36.67	34.68
3	165.00	24960	80.62	81.27



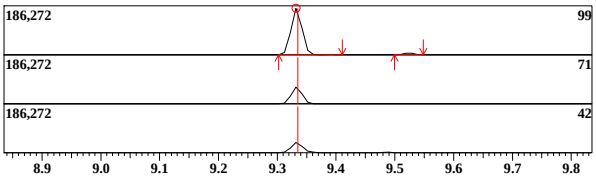
ID#:9 R.Time:9.391(Scan#:1189)
MassPeaks:39
RawMode:Averaged 9.381-9.401(1187-1191)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



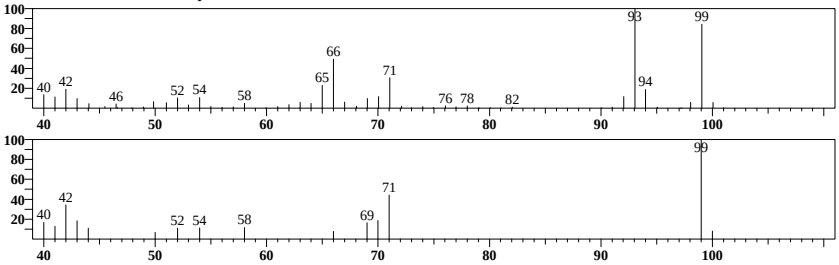
ID#:10 Name:Phenol-d6 Type:Surrogate/SMC No Manual Integration

Mass:99.00 R.T:9.333 Area:232774 Conc:32.21465ppm
Event:1:Scan SI:65

#	m/z	Area	Ratio	Reference
1	71.00	43735	36.28	35.02
2	42.00	27254	22.61	16.82



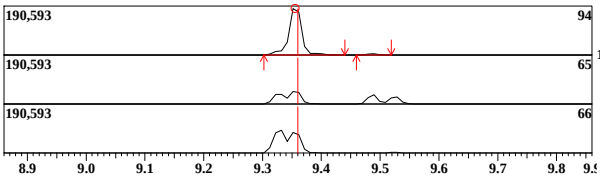
ID#:10 R.Time:9.332(Scan#:1177)
MassPeaks:53
RawMode:Averaged 9.322-9.342(1175-1179)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



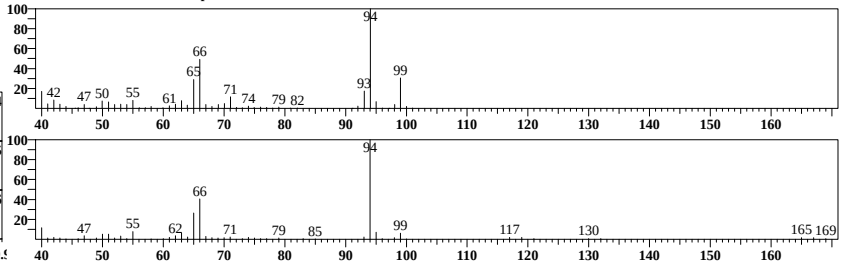
ID#:11 Name:Phenol Type:Target No Manual Integration

Mass:94.00 R.T:9.356 Area:288935 Conc:32.21457ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	65.00	38569	29.00	31.65
2	66.00	65246	49.05	40.72



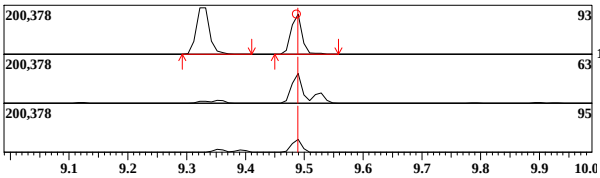
ID#:11 R.Time:9.352(Scan#:1181)
MassPeaks:52
RawMode:Averaged 9.342-9.361(1179-1183)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



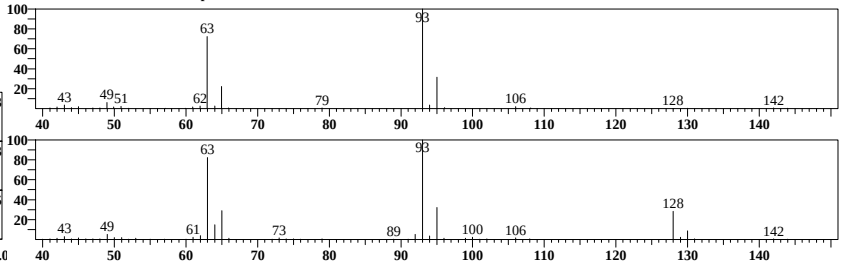
ID#:12 Name:bis(2-Chloroethyl)Ether Type:Target No Manual Integration

Mass:93.00 R.T:9.487 Area:214384 Conc:32.00915ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	63.00	79715	72.29	95.54
2	95.00	34620	31.40	33.05



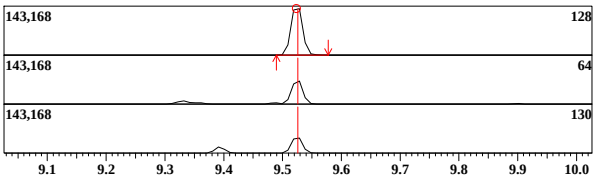
ID#:12 R.Time:9.489(Scan#:1209)
MassPeaks:30
RawMode:Averaged 9.479-9.499(1207-1211)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:13 Name:2-Chlorophenol Type:Target No Manual Integration

Mass:128.00 R.T:9.524 Area:203151 Conc:31.97850ppm
Event:1:Scan SI:83

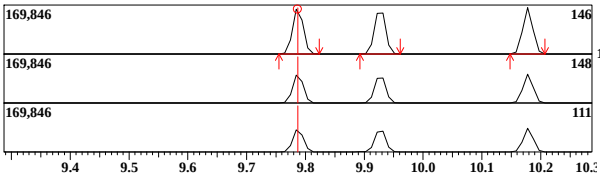
#	m/z	Area	Ratio	Reference
1	64.00	46420	45.45	65.60
2	130.00	32747	32.06	31.89



ID#:14 Name:1,3-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.787 Area:207329 Conc:31.88442ppm
Event:1:Scan SI:93

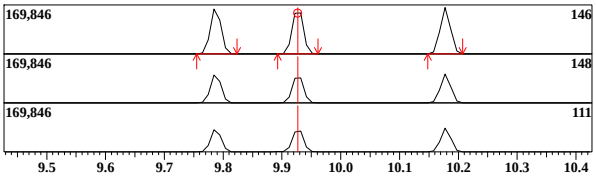
#	m/z	Area	Ratio	Reference
1	148.00	67153	62.18	64.92
2	111.00	52789	48.88	55.28



ID#:15 Name:1,4-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.927 Area:208954 Conc:31.42043ppm
Event:1:Scan SI:91

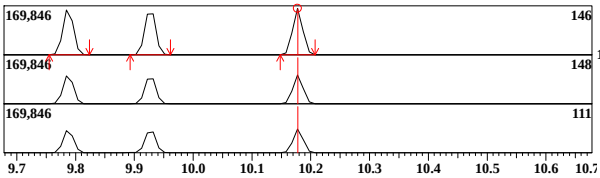
#	m/z	Area	Ratio	Reference
1	148.00	64664	60.97	66.17
2	111.00	51681	48.73	47.39



ID#:16 Name:1,2-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:10.178 Area:198955 Conc:31.05828ppm
Event:1:Scan SI:98

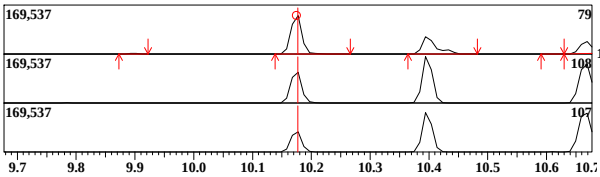
#	m/z	Area	Ratio	Reference
1	148.00	66241	62.25	65.19
2	111.00	54188	50.93	55.22



ID#:17 Name:Benzyl Alcohol Type:Target No Manual Integration

Mass:79.00 R.T:10.175 Area:180279 Conc:32.29804ppm
Event:1:Scan SI:95

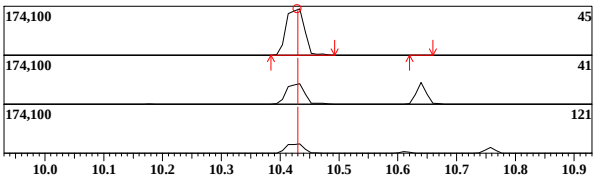
#	m/z	Area	Ratio	Reference
1	108.00	75145	82.16	85.77
2	107.00	49326	53.93	58.74



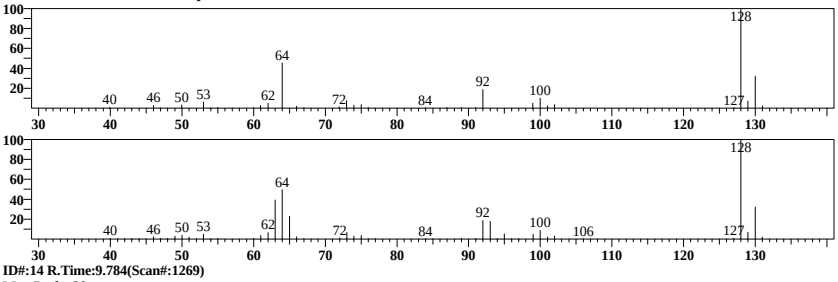
ID#:18 Name:bis(2-Chloroisopropyl) Ether Type:Target No Manual Integration

Mass:45.00 R.T:10.429 Area:360305 Conc:31.07190ppm
Event:1:Scan SI:96

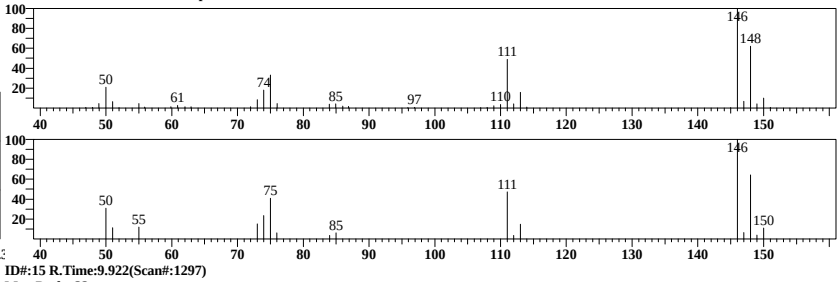
#	m/z	Area	Ratio	Reference
1	41.00	59172	43.88	39.13
2	121.00	26477	19.63	18.18



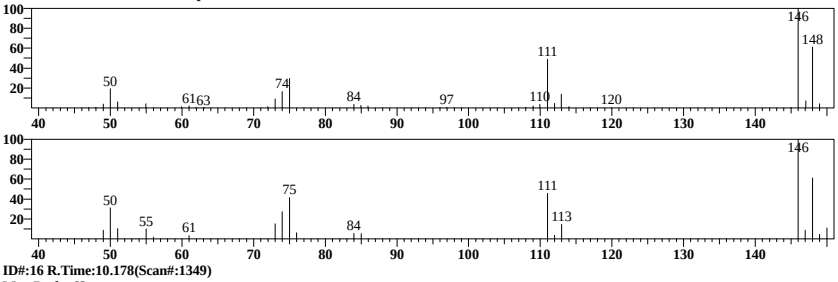
ID#:13 R.Time:9.529(Scan#:1217)
MassPeaks:32
RawMode:Averaged 9.519-9.539(1215-1219)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



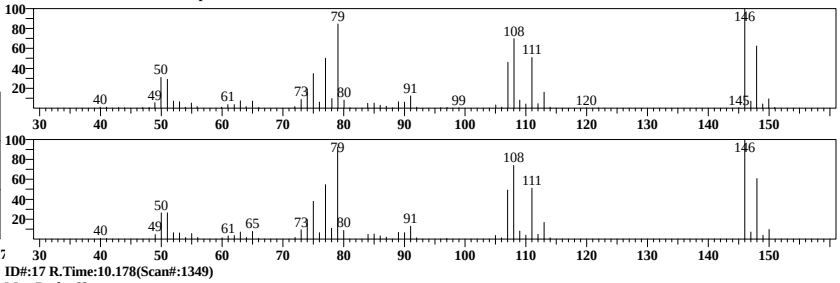
ID#:14 R.Time:9.784(Scan#:1269)
MassPeaks:38
RawMode:Averaged 9.774-9.794(1267-1271)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



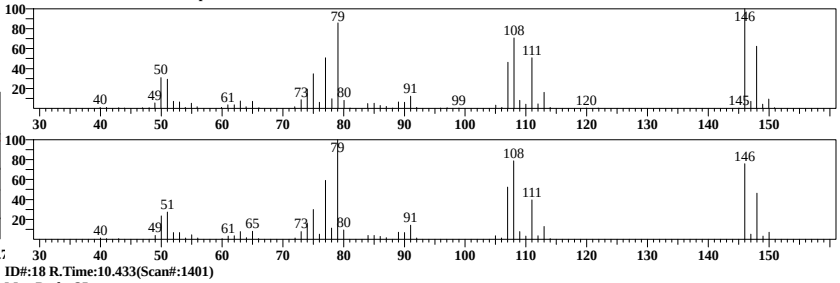
ID#:15 R.Time:9.922(Scan#:1297)
MassPeaks:32
RawMode:Averaged 9.912-9.932(1295-1299)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



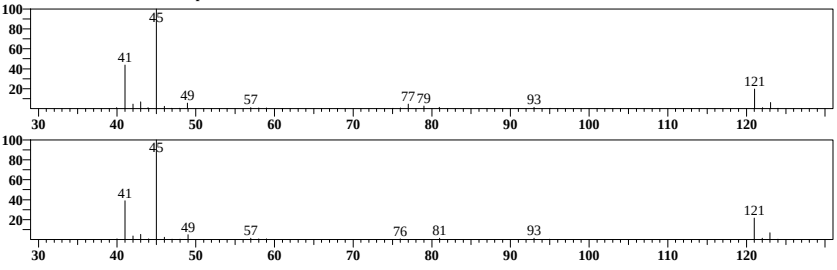
ID#:16 R.Time:10.178(Scan#:1349)
MassPeaks:62
RawMode:Averaged 10.168-10.188(1347-1351)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:17 R.Time:10.178(Scan#:1349)
MassPeaks:62
RawMode:Averaged 10.168-10.188(1347-1351)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



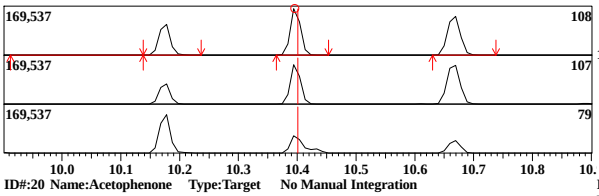
ID#:18 R.Time:10.433(Scan#:1401)
MassPeaks:25
RawMode:Averaged 10.424-10.443(1399-1403)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



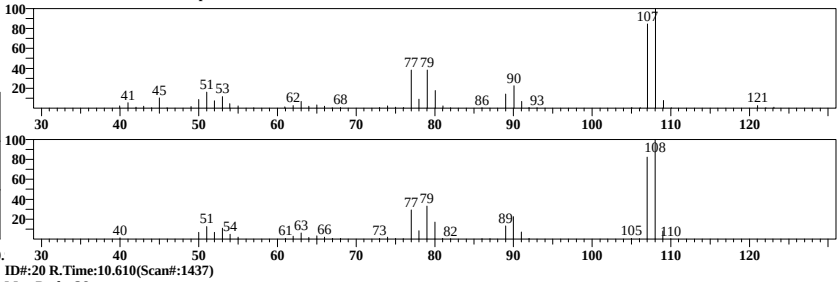
ID#:19 Name:2-Methylphenol (o-Cresol) Type:Target No Manual Integration

Mass:108.00 R.T:10.396 Area:201346 Conc:31.80404ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	107.00	89342	84.59	84.56
2	79.00	40484	38.33	35.28



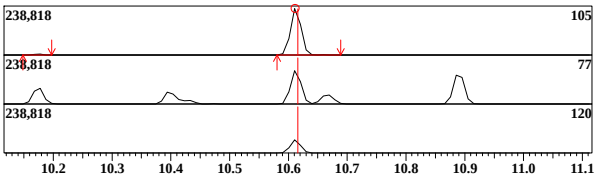
ID#:19 R.Time:10.394(Scan#:1393)
MassPeaks:48
RawMode:Averaged 10.384-10.404(1391-1395)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



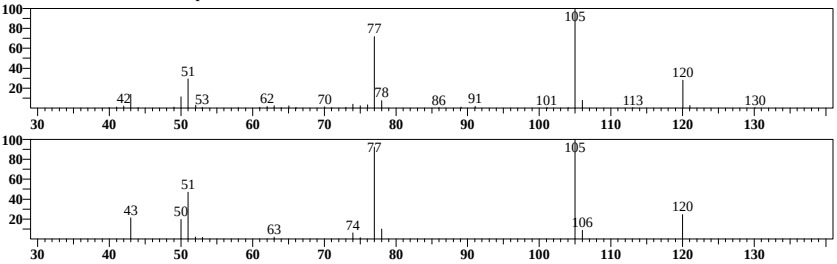
ID#:20 Name:Acetophenone Type:Target No Manual Integration

Mass:105.00 R.T:10.612 Area:294570 Conc:31.63921ppm
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	77.00	109761	71.82	73.31
2	120.00	42893	28.07	24.48



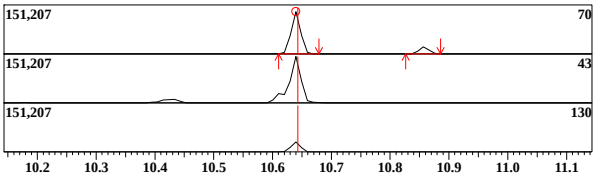
ID#:20 R.Time:10.610(Scan#:1437)
MassPeaks:36
RawMode:Averaged 10.601-10.620(1435-1439)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



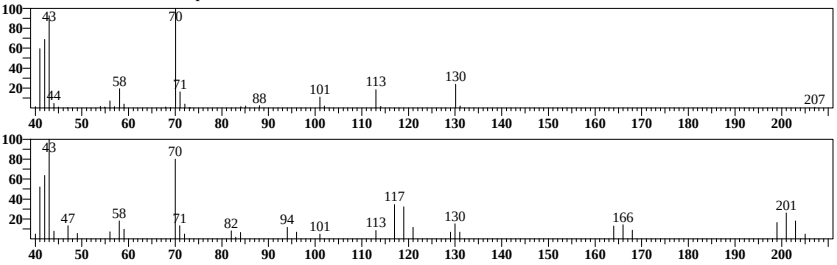
ID#:21 Name:N-Nitrosodi-n-propylamine Type:Target No Manual Integration

Mass:70.00 R.T:10.640 Area:150752 Conc:31.49787ppm
Event:1:Scan SI:73

#	m/z	Area	Ratio	Reference
1	43.00	75454	92.66	109.00
2	130.00	19476	23.92	17.19



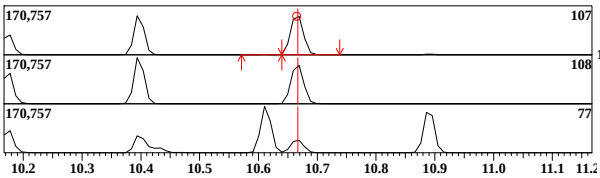
ID#:21 R.Time:10.640(Scan#:1443)
MassPeaks:29
RawMode:Averaged 10.630-10.650(1441-1445)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



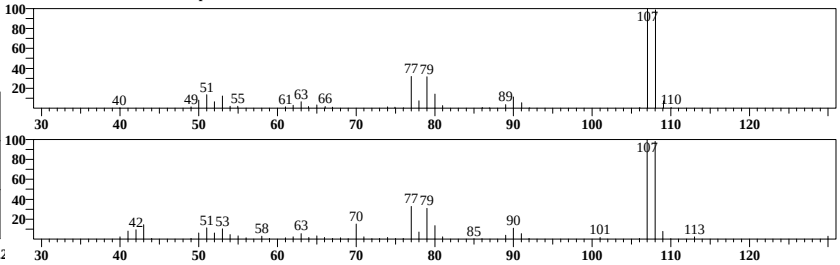
ID#:22 Name:3+4-Methylphenol(m&p-Cresol) Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/1/2022

Mass:107.00 R.T:10.665 Area:215340 Conc:31.70130ppm
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	108.00	102057	98.86	95.43
2	77.00	32758	31.73	31.91



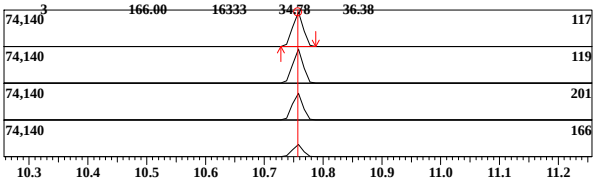
ID#:22 R.Time:10.669(Scan#:1449)
MassPeaks:34
RawMode:Averaged 10.660-10.679(1447-1451)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



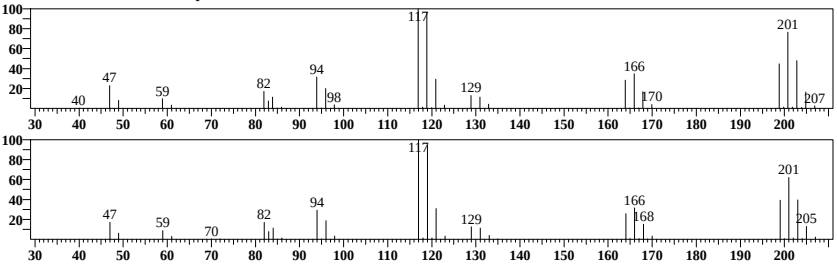
ID#:23 Name:Hexachloroethane Type:Target No Manual Integration

Mass:117.00 R.T:10.757 Area:87738 Conc:31.28801ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	119.00	45323	96.51	92.41
2	201.00	35974	76.60	78.73
3	166.00	16333	34.78	36.38



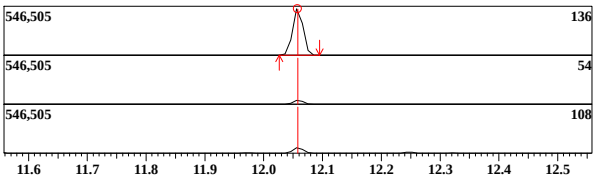
ID#:23 R.Time:10.758(Scan#:1467)
MassPeaks:37
RawMode:Averaged 10.748-10.768(1465-1469)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



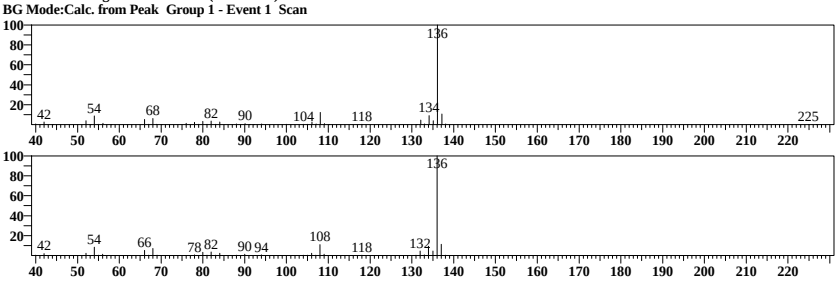
ID#:24 Name:Naphthalene-d8 (IS) Type:ISTD No Manual Integration

Mass:136.00 R.T:12.058 Area:663566 Conc:40.00000ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	54.00	30875	8.79	11.97
2	108.00	42492	12.11	12.20



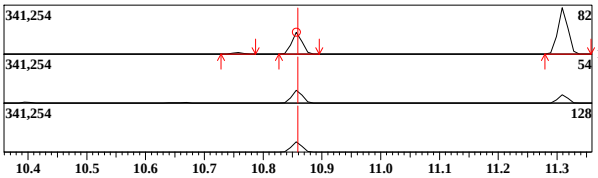
ID#:24 R.Time:12.056(Scan#:1731)
MassPeaks:46
RawMode:Averaged 12.046-12.066(1729-1733)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

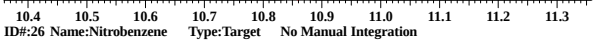


ID#:25 Name:Nitrobenzene-d5 Type:Surrogate/SMC No Manual Integration

Mass:82.00 R.T:10.857 Area:192243 Conc:31.12994ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	54.00	60922	60.06	65.85
2	128.00	48661	47.98	43.44

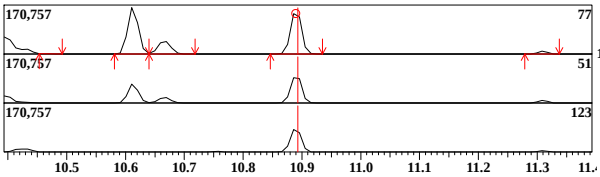


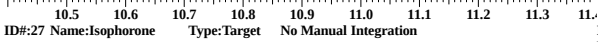


ID#:26 Name:Nitrobenzene Type:Target No Manual Integration

Mass:77.00 R.T:10.890 Area:199640 Conc:30.74787ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	51.00	65183	63.80	61.12
2	123.00	55326	54.15	46.32

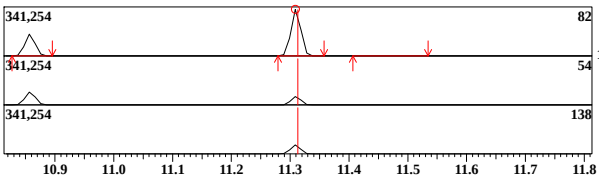


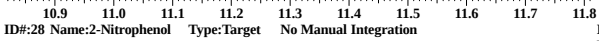


ID#:27 Name:Isophorone Type:Target No Manual Integration

Mass:82.00 R.T:11.309 Area:392094 Conc:30.66204ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	54.00	39080	18.57	19.87
2	138.00	41435	19.69	14.87

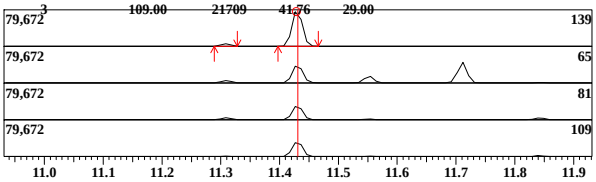


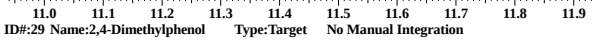


ID#:28 Name:2-Nitrophenol Type:Target No Manual Integration

Mass:139.00 R.T:11.429 Area:99724 Conc:31.33259ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	65.00	25775	49.59	55.00
2	81.00	20059	38.59	33.00
3	109.00	21709	41.76	29.00

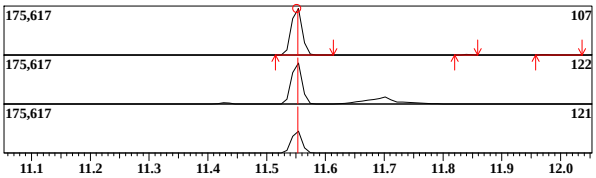


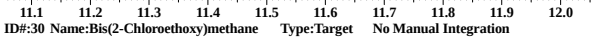


ID#:29 Name:2,4-Dimethylphenol Type:Target No Manual Integration

Mass:107.00 R.T:11.552 Area:217298 Conc:31.27826ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	122.00	99251	86.94	82.87
2	121.00	52362	45.87	42.24

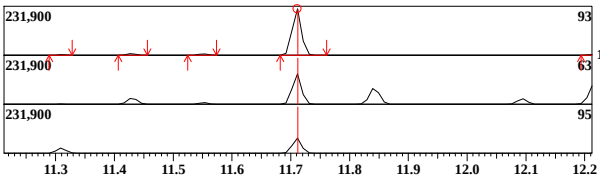




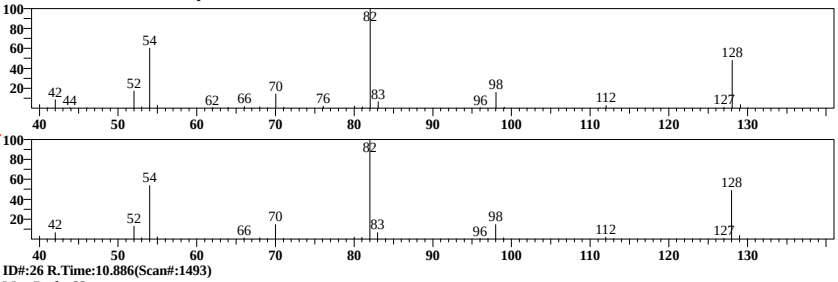
ID#:30 Name:Bis(2-Chloroethoxy)methane Type:Target No Manual Integration

Mass:93.00 R.T:11.711 Area:247702 Conc:30.52644ppm
Event:1:Scan SI:89

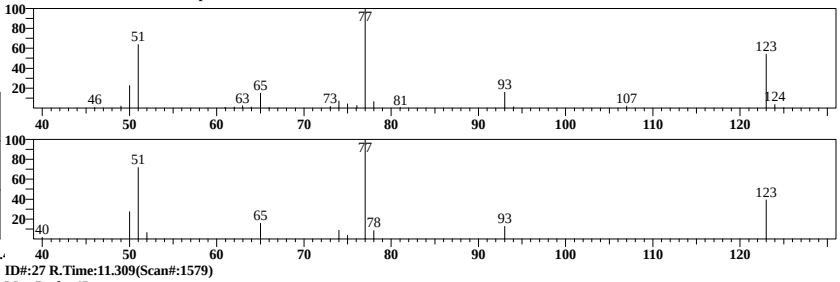
#	m/z	Area	Ratio	Reference
1	63.00	87877	65.36	85.08
2	95.00	43848	32.61	33.16



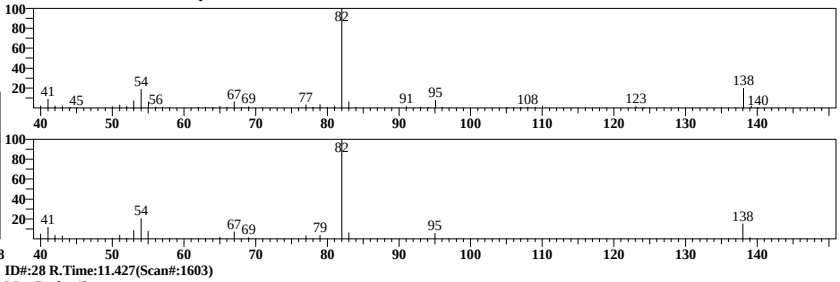
ID#:25 R.Time:10.856(Scan#:1487)
MassPeaks:29
RawMode:Averaged 10.846-10.866(1485-1489)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



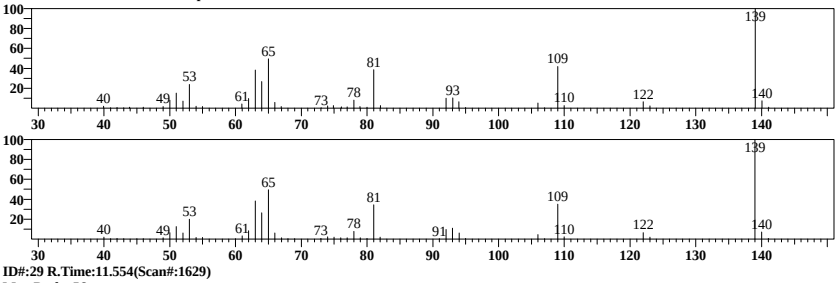
ID#:26 R.Time:10.886(Scan#:1493)
MassPeaks:23
RawMode:Averaged 10.876-10.896(1491-1495)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



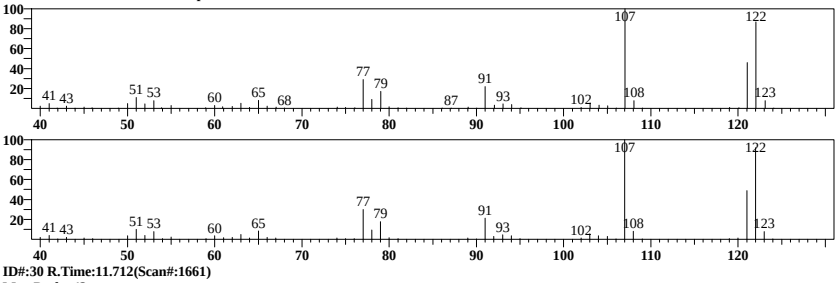
ID#:27 R.Time:11.309(Scan#:1579)
MassPeaks:45
RawMode:Averaged 11.299-11.318(1577-1581)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



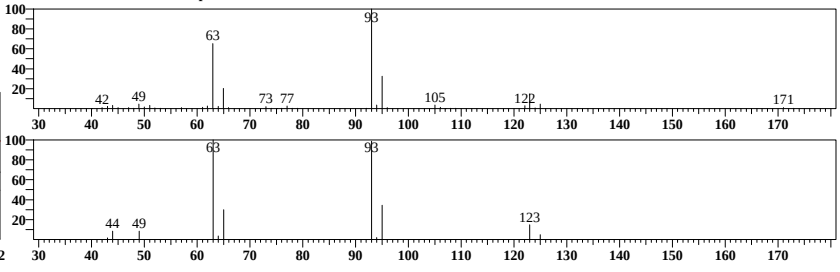
ID#:28 R.Time:11.427(Scan#:1603)
MassPeaks:43
RawMode:Averaged 11.417-11.436(1601-1605)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:29 R.Time:11.554(Scan#:1629)
MassPeaks:56
RawMode:Averaged 11.544-11.564(1627-1631)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



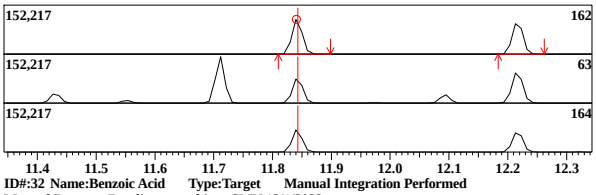
ID#:30 R.Time:11.712(Scan#:1661)
MassPeaks:42
RawMode:Averaged 11.702-11.722(1659-1663)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



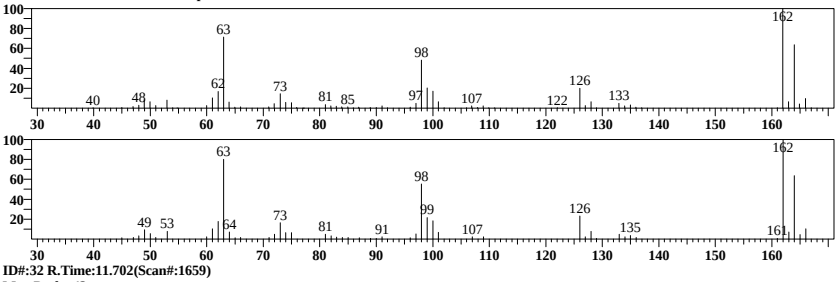
ID#:31 Name:2,4-Dichlorophenol Type:Target No Manual Integration

Mass:162.00 R.T:11.841 Area:137517 Conc:31.64336ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	63.00	51211	71.44	59.00
2	164.00	45578	63.58	65.54



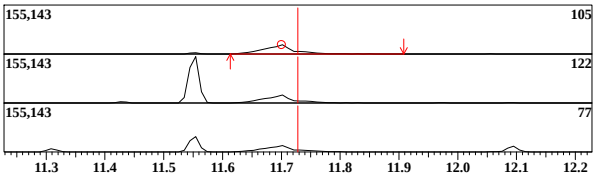
ID#:31 R.Time:11.839(Scan#:1687)
MassPeaks:65
RawMode:Averaged 11.830-11.849(1685-1689)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



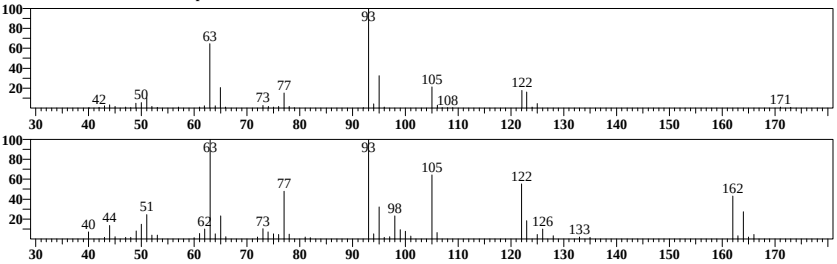
ID#:32 Name:Benzoic Acid Type:Target Manual Integration Performed
Manual Reason: Baseline smoothing. CMN 12/1/2022

Mass:105.00 R.T:11.700 Area:114270 Conc:29.11819ppm
Event:1:Scan SI:74

#	m/z	Area	Ratio	Reference
1	122.00	20320	83.24	76.85
2	77.00	17244	70.64	75.23



ID#:32 R.Time:11.702(Scan#:1659)
MassPeaks:42
RawMode:Averaged 11.692-11.712(1657-1661)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

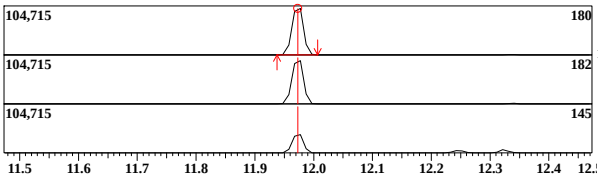


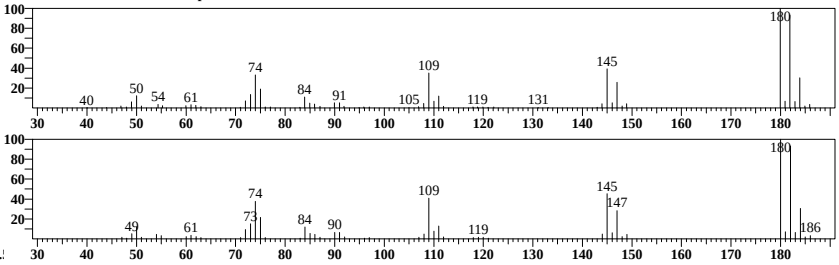
ID#:33 Name:1,2,4-Trichlorobenzene Type:Target No Manual Integration

ID#:33 R.Time:11.977(Scan#:1715)
MassPeaks:59
RawMode:Averaged 11.967-11.987(1713-1717)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:180.00 R.T:11.973 Area:141402 Conc:30.73918ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	182.00	67090	93.32	91.21
2	145.00	28209	39.24	29.06



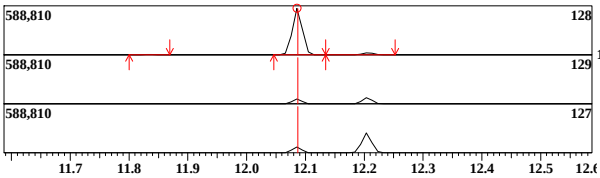


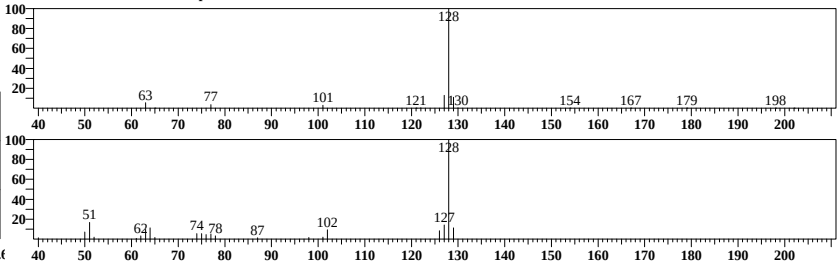
ID#:34 Name:Naphthalene Type:Target No Manual Integration

ID#:34 R.Time:12.085(Scan#:1738)
MassPeaks:15
RawMode:Averaged 12.076-12.095(1736-1740)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM

Mass:128.00 R.T:12.086 Area:678032 Conc:29.85763ppm
Event:2:SIM SI:93

#	m/z	Area	Ratio	Reference
1	129.00	39198	10.82	10.48
2	127.00	46281	12.77	13.97



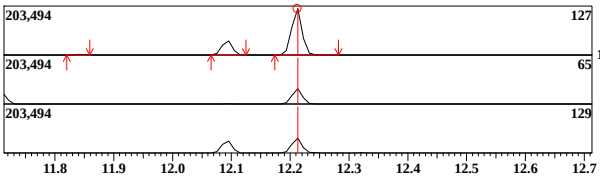


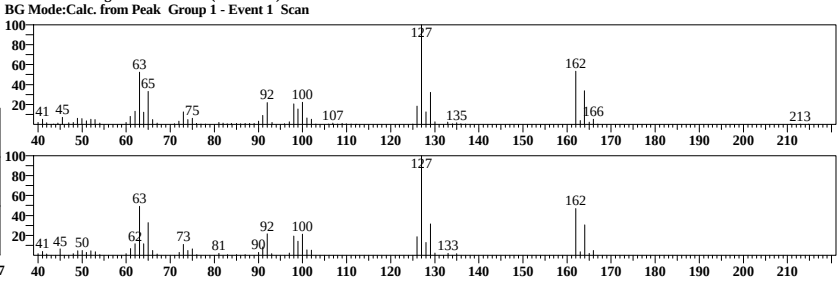
ID#:35 Name:4-Chloroaniline Type:Target No Manual Integration

ID#:35 R.Time:12.213(Scan#:1763)
MassPeaks:78
RawMode:Averaged 12.203-12.223(1761-1765)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:127.00 R.T:12.212 Area:243618 Conc:30.53433ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	65.00	41931	33.07	45.58
2	129.00	40705	32.11	30.27



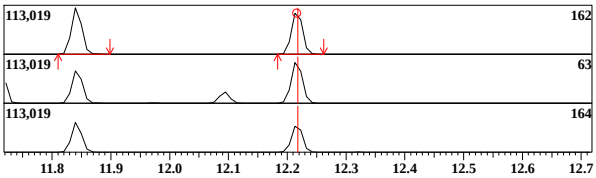


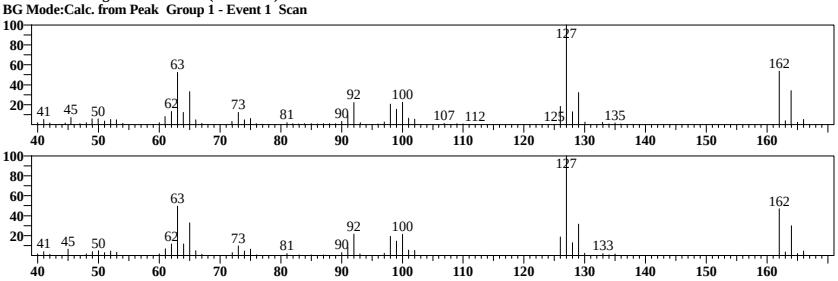
ID#:36 Name:2,6-Dichlorophenol Type:Target No Manual Integration

ID#:36 R.Time:12.213(Scan#:1763)
MassPeaks:72
RawMode:Averaged 12.203-12.223(1761-1765)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:162.00 R.T:12.216 Area:131021 Conc:30.65681ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	63.00	66130	97.85	88.00
2	164.00	43005	63.63	62.85

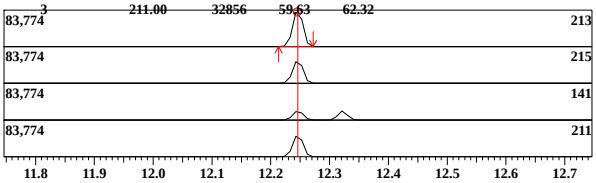




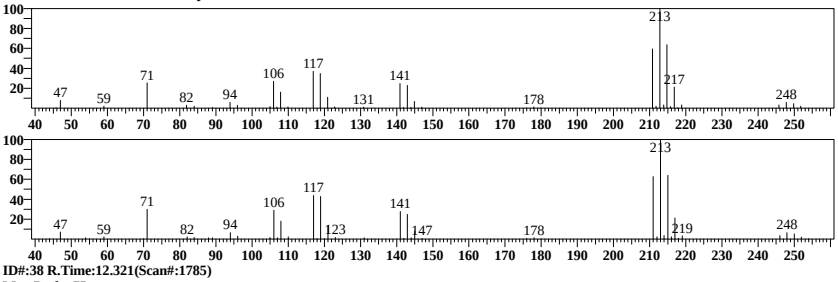
ID#:37 Name:Hexachloropropene Type:Target No Manual Integration

Mass:213.00 R.T:12.245 Area:103949 Conc:30.86949ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	215.00	34994	63.51	64.65
2	141.00	13574	24.64	22.52
3	211.00	32856	59.63	62.32



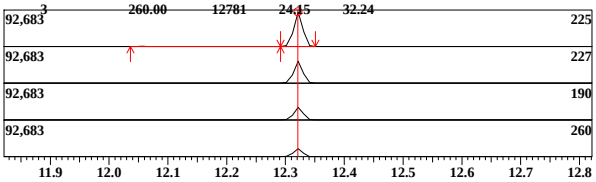
ID#:37 R.Time:12.243(Scan#:1769)
MassPeaks:41
RawMode:Averaged 12.233-12.253(1767-1771)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



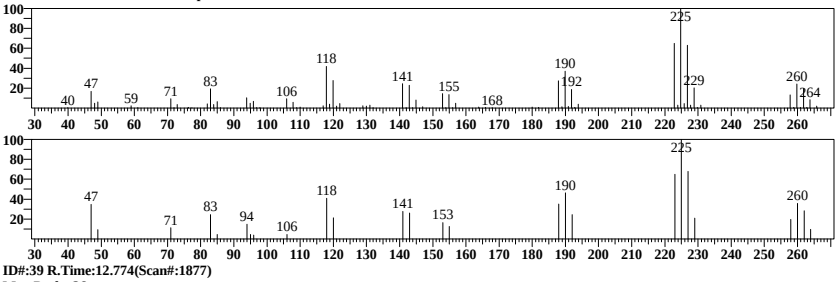
ID#:38 Name:Hexachlorobutadiene Type:Target No Manual Integration

Mass:225.00 R.T:12.321 Area:97178 Conc:30.76405ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	227.00	33373	63.05	64.03
2	190.00	19532	36.90	38.21
3	260.00	12781	24.15	32.24



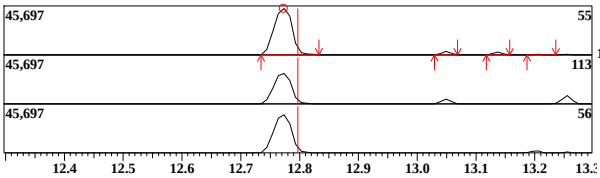
ID#:38 R.Time:12.321(Scan#:1785)
MassPeaks:75
RawMode:Averaged 12.312-12.331(1783-1787)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



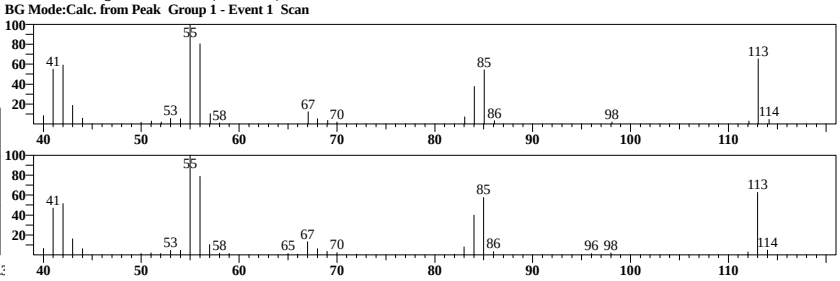
ID#:39 Name:Caprolactam Type:Target No Manual Integration

Mass:55.00 R.T:12.773 Area:94145 Conc:31.41014ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	113.00	25694	65.12	78.00
2	56.00	31743	80.45	79.15



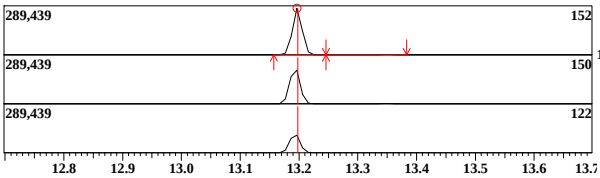
ID#:39 R.Time:12.774(Scan#:1877)
MassPeaks:26
RawMode:Averaged 12.764-12.784(1875-1879)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



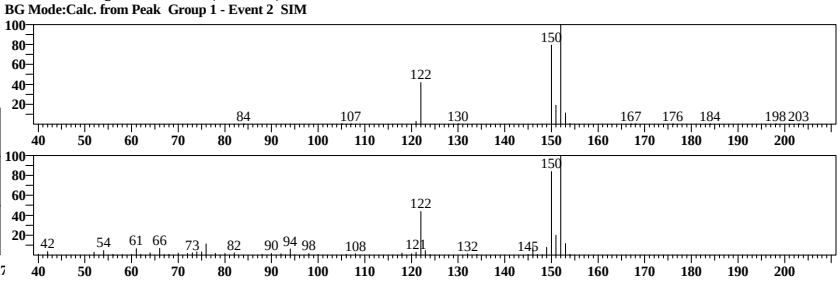
ID#:40 Name:2-Methylnaphthalene-d10 Type:Target No Manual Integration

Mass:152.00 R.T:13.197 Area:326106 Conc:30.91227ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	150.00	138984	79.57	58.54
2	122.00	72908	41.74	46.34



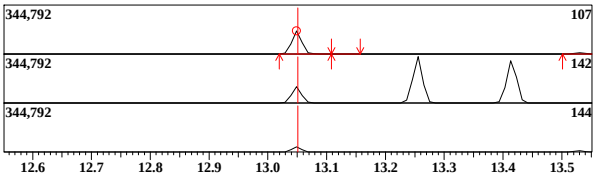
ID#:40 R.Time:13.196(Scan#:1964)
MassPeaks:17
RawMode:Averaged 13.187-13.206(1962-1966)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



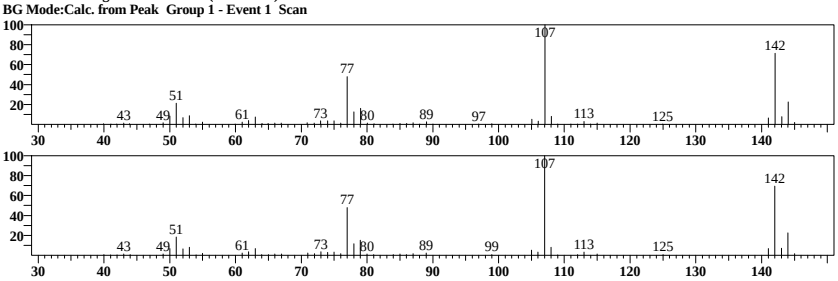
ID#:41 Name:4-Chloro-3-methylphenol Type:Target No Manual Integration

Mass:107.00 R.T:13.049 Area:197785 Conc:31.19444ppm
Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	142.00	74275	71.28	60.24
2	144.00	23566	22.61	18.55



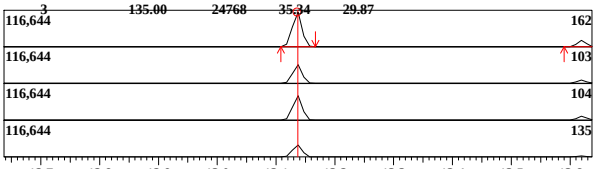
ID#:41 R.Time:13.049(Scan#:1933)
MassPeaks:57
RawMode:Averaged 13.039-13.059(1931-1935)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



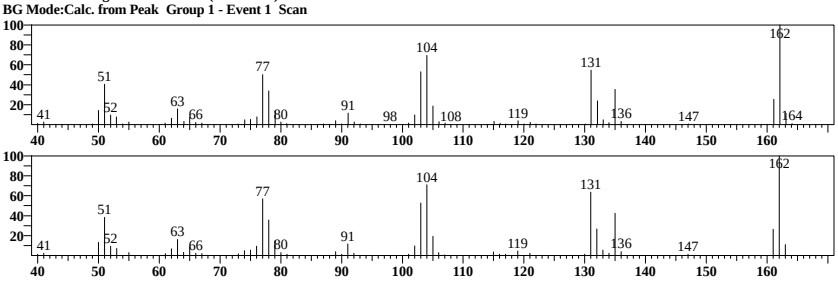
ID#:42 Name:Safrole Type:Target No Manual Integration

Mass:162.00 R.T:13.136 Area:130267 Conc:30.70483ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	103.00	37159	53.03	50.38
2	104.00	48695	69.49	67.22
3	135.00	24768	35.34	29.87



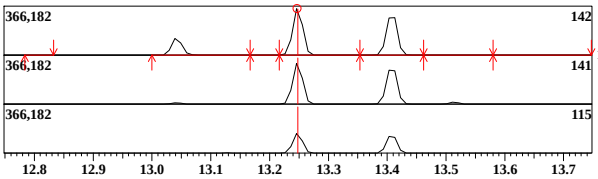
ID#:42 R.Time:13.137(Scan#:1951)
MassPeaks:67
RawMode:Averaged 13.128-13.147(1949-1953)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:43 Name:2-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.247 Area:433424 Conc:29.95106ppm
Event:2:SIM SI:99

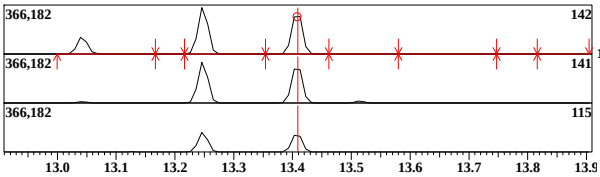
#	m/z	Area	Ratio	Reference
1	141.00	201479	87.30	68.04
2	115.00	95984	41.59	50.52



ID#:44 Name:1-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.408 Area:405648 Conc:29.55275ppm
Event:2:SIM SI:92

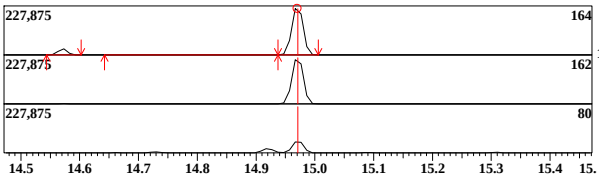
#	m/z	Area	Ratio	Reference
1	141.00	188798	90.80	72.83
2	115.00	91567	44.04	32.61



ID#:45 Name:Acenaphthene-d10 (IS) Type:ISTD No Manual Integration

Mass:164.00 R.T:14.970 Area:308606 Conc:40.00000ppm
Event:1:Scan SI:97

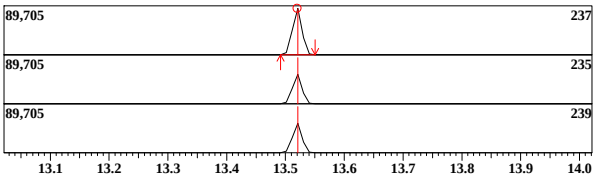
#	m/z	Area	Ratio	Reference
1	162.00	151661	95.67	95.44
2	80.00	36644	23.11	29.92



ID#:46 Name:Hexachlorocyclopentadiene Type:Target No Manual Integration

Mass:237.00 R.T:13.520 Area:99154 Conc:30.17516ppm
Event:1:Scan SI:97

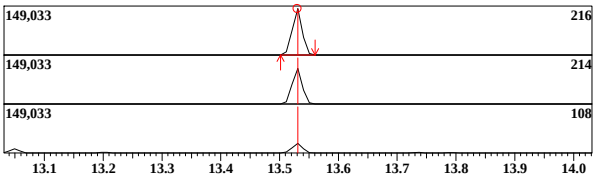
#	m/z	Area	Ratio	Reference
1	235.00	33963	63.14	58.98
2	239.00	33684	62.62	65.78



ID#:47 Name:1,2,4,5-Tetrachlorobenzene Type:Target No Manual Integration

Mass:216.00 R.T:13.530 Area:169118 Conc:30.77637ppm
Event:1:Scan SI:77

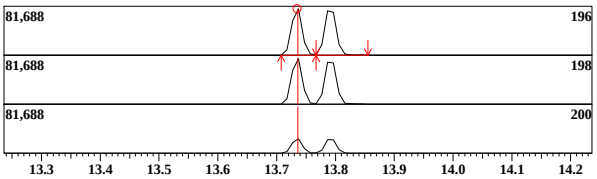
#	m/z	Area	Ratio	Reference
1	214.00	70556	77.82	78.02
2	108.00	19433	21.43	22.55



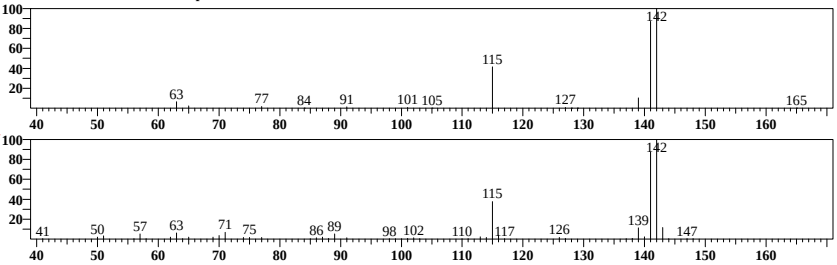
ID#:48 Name:2,4,6-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.735 Area:100758 Conc:31.00820ppm
Event:1:Scan SI:96

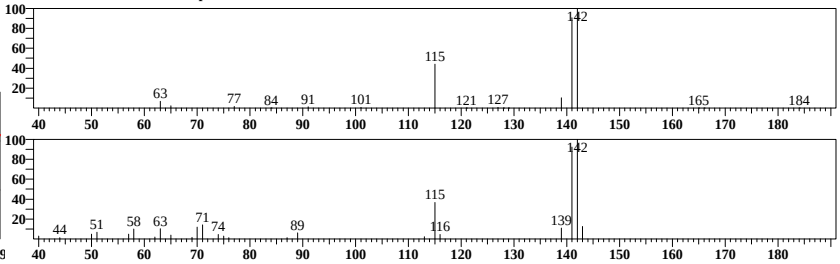
#	m/z	Area	Ratio	Reference
1	198.00	51386	99.22	94.42
2	200.00	16203	31.29	32.47



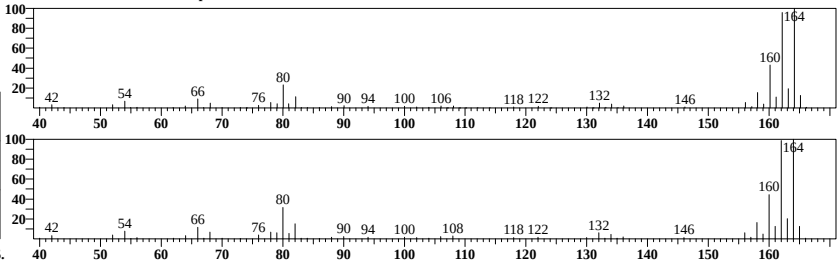
ID#:43 R.Time:13.246(Scan#:1974)
MassPeaks:15
RawMode:Averaged 13.236-13.256(1972-1976)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



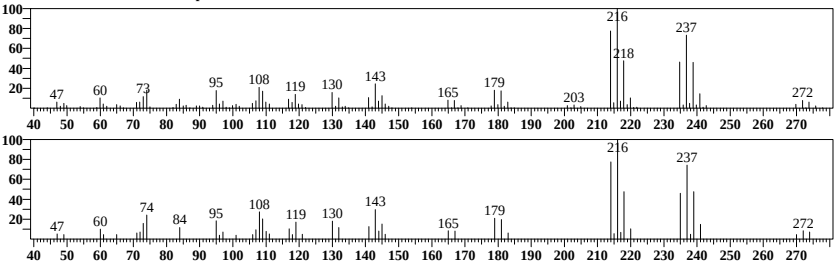
ID#:44 R.Time:13.403(Scan#:2006)
MassPeaks:17
RawMode:Averaged 13.393-13.413(2004-2008)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



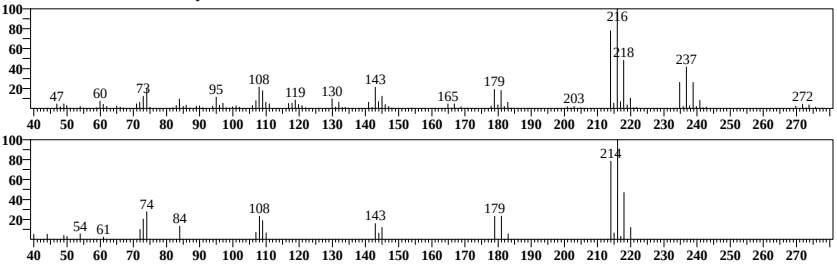
ID#:45 R.Time:14.967(Scan#:2323)
MassPeaks:59
RawMode:Averaged 14.957-14.976(2321-2325)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



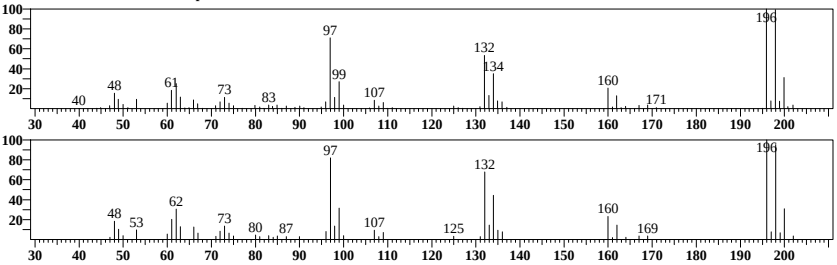
ID#:46 R.Time:13.521(Scan#:2029)
MassPeaks:107
RawMode:Averaged 13.511-13.531(2027-2031)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:47 R.Time:13.531(Scan#:2031)
MassPeaks:107
RawMode:Averaged 13.521-13.541(2029-2033)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



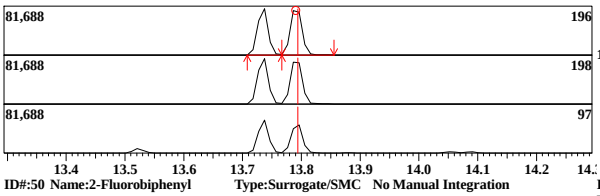
ID#:48 R.Time:13.737(Scan#:2073)
MassPeaks:73
RawMode:Averaged 13.727-13.747(2071-2075)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:49 Name:2,4,5-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.791 Area:110596 Conc:31.23235ppm
Event:1:Scan SI:96

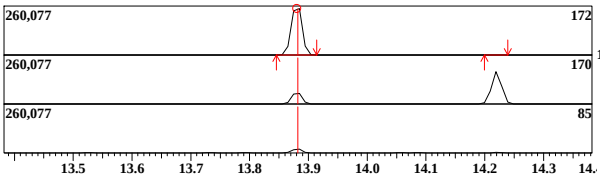
#	m/z	Area	Ratio	Reference
1	198.00	50907	94.94	97.81
2	97.00	31896	59.49	65.15



ID#:50 Name:2-Fluorobiphenyl Type:Surrogate/SMC No Manual Integration

Mass:172.00 R.T:13.880 Area:343295 Conc:30.67818ppm
Event:1:Scan SI:98

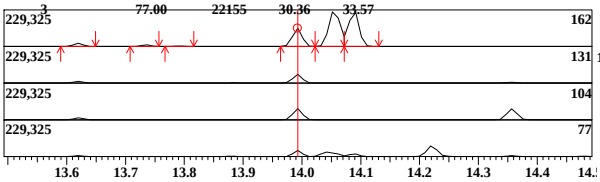
#	m/z	Area	Ratio	Reference
1	170.00	40671	22.98	22.48
2	85.00	14350	8.11	9.13



ID#:51 Name:Isosafrole Type:Target No Manual Integration

Mass:162.00 R.T:13.992 Area:135071 Conc:30.74606ppm
Event:1:Scan SI:97

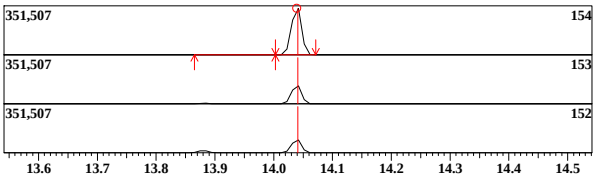
#	m/z	Area	Ratio	Reference
1	131.00	34392	47.13	42.54
2	104.00	44650	61.19	57.35
3	77.00	22155	30.36	33.57



ID#:52 Name:1,1'-Biphenyl Type:Target No Manual Integration

Mass:154.00 R.T:14.040 Area:422335 Conc:30.33188ppm
Event:1:Scan SI:90

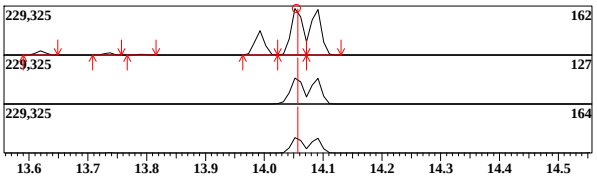
#	m/z	Area	Ratio	Reference
1	153.00	87685	39.42	38.49
2	152.00	61927	27.84	28.01



ID#:53 Name:2-Chloronaphthalene Type:Target No Manual Integration

Mass:162.00 R.T:14.055 Area:319742 Conc:29.60047ppm
Event:1:Scan SI:72

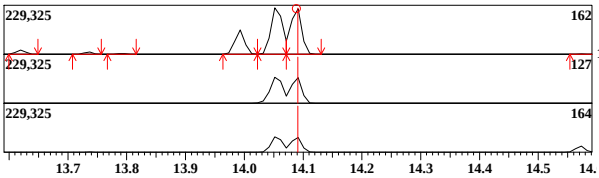
#	m/z	Area	Ratio	Reference
1	127.00	71477	59.24	48.49
2	164.00	39849	33.03	32.94



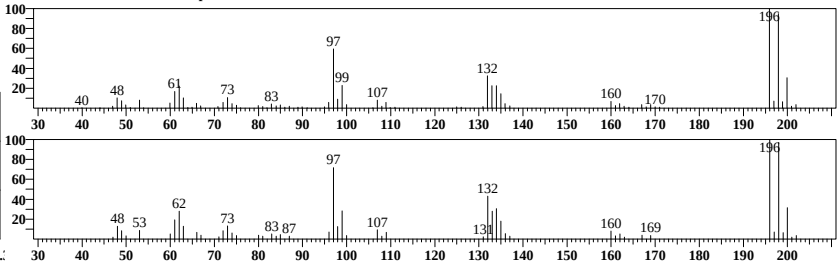
ID#:54 Name:1-Chloronaphthalene Type:Target No Manual Integration

Mass:162.00 R.T:14.089 Area:262409 Conc:31.03494ppm
Event:1:Scan SI:97

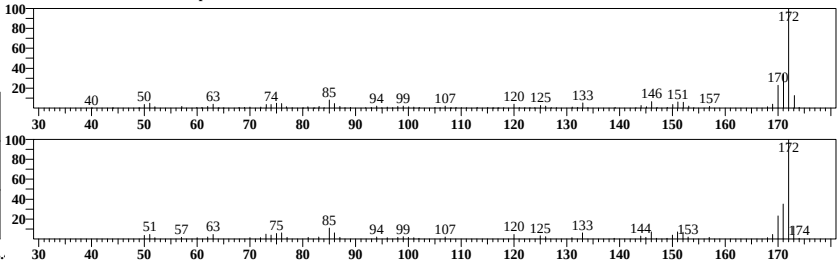
#	m/z	Area	Ratio	Reference
1	127.00	59582	56.71	48.49
2	164.00	34484	32.82	32.94



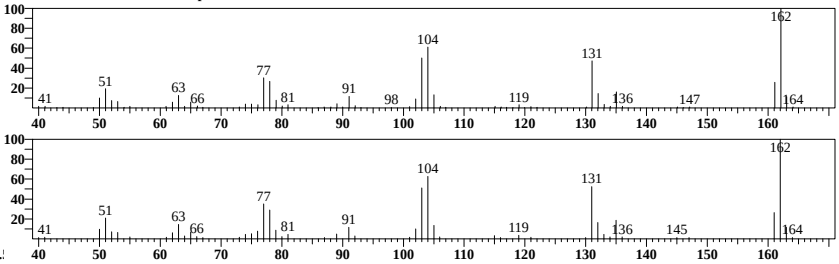
ID#:49 R.Time:13.787(Scan#:2083)
MassPeaks:72
RawMode:Averaged 13.777-13.796(2081-2085)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



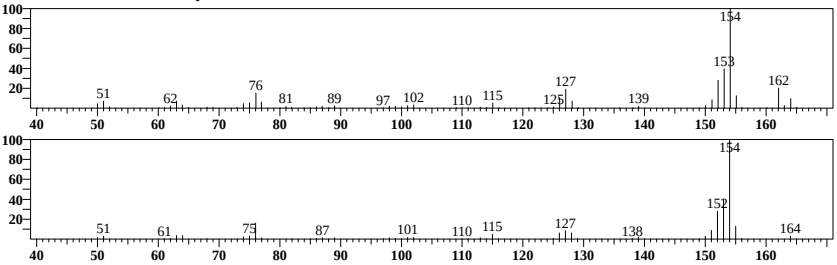
ID#:50 R.Time:13.885(Scan#:2103)
MassPeaks:89
RawMode:Averaged 13.875-13.895(2101-2105)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



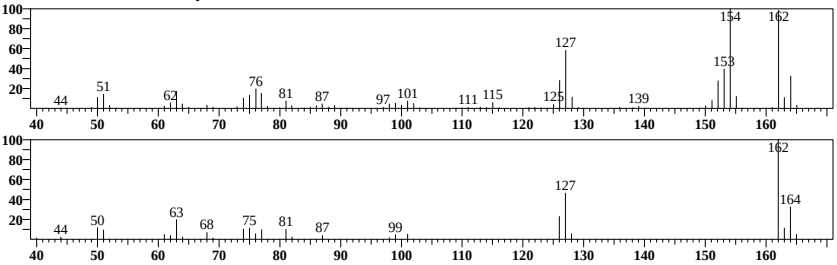
ID#:51 R.Time:13.993(Scan#:2125)
MassPeaks:65
RawMode:Averaged 13.983-14.003(2123-2127)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



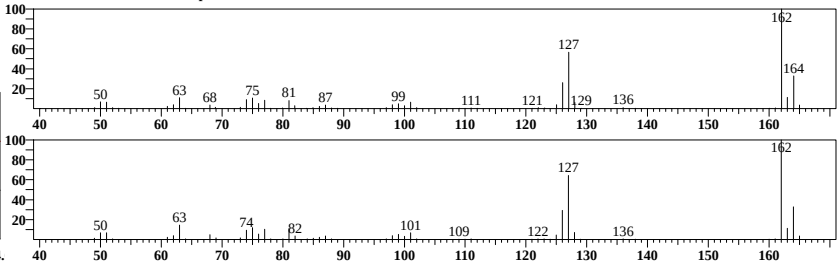
ID#:52 R.Time:14.042(Scan#:2135)
MassPeaks:66
RawMode:Averaged 14.032-14.052(2133-2137)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:53 R.Time:14.052(Scan#:2137)
MassPeaks:74
RawMode:Averaged 14.042-14.062(2135-2139)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



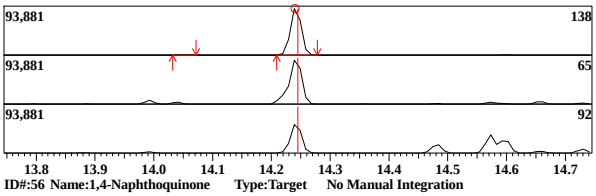
ID#:54 R.Time:14.091(Scan#:2145)
MassPeaks:53
RawMode:Averaged 14.082-14.101(2143-2147)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



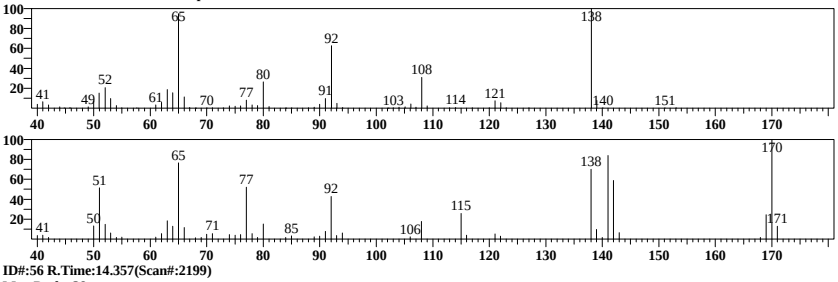
ID#:55 Name:2-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.241 Area:119486 Conc:30.73010ppm
Event:1:Scan SI:65

#	m/z	Area	Ratio	Reference
1	65.00	59001	94.72	101.46
2	92.00	39028	62.65	55.64



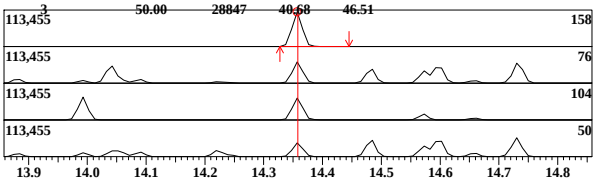
ID#:55 R.Time:14.239(Scan#:2175)
MassPeaks:63
RawMode:Averaged 14.229-14.249(2173-2177)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



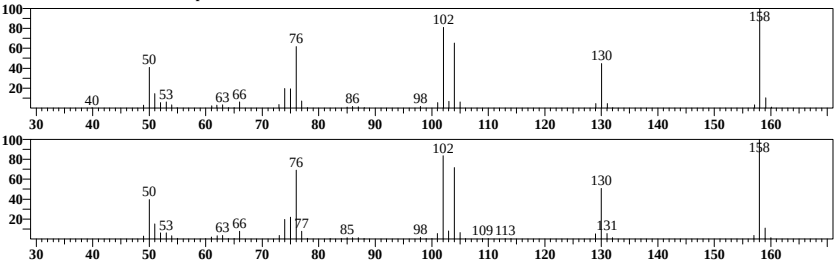
ID#:56 Name:1,4-Naphthoquinone Type:Target No Manual Integration

Mass:158.00 R.T:14.357 Area:135946 Conc:31.63580ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	76.00	43811	61.78	68.34
2	104.00	46243	65.22	74.24
3	50.00	28847	40.68	46.51



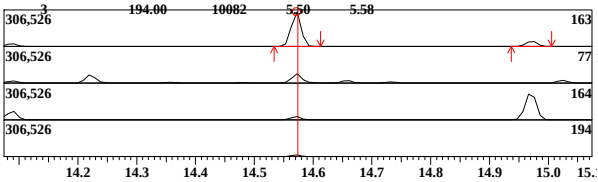
ID#:56 R.Time:14.357(Scan#:2199)
MassPeaks:38
RawMode:Averaged 14.347-14.367(2197-2201)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



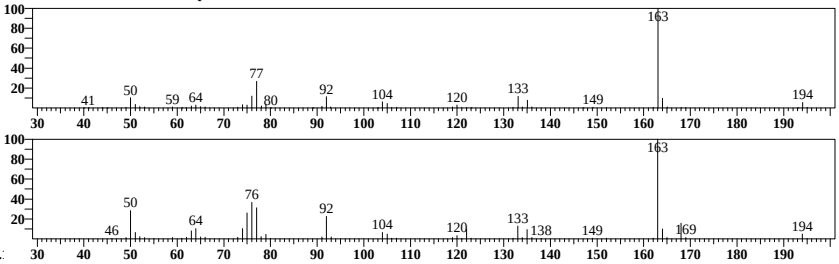
ID#:57 Name:Dimethyl phthalate Type:Target No Manual Integration

Mass:163.00 R.T:14.572 Area:342190 Conc:30.41932ppm
Event:1:Scan SI:88

#	m/z	Area	Ratio	Reference
1	77.00	48851	26.66	29.31
2	164.00	17871	9.75	10.65
3	194.00	10082	5.50	5.58



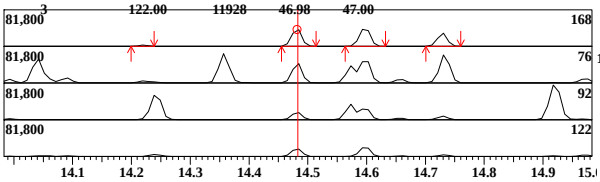
ID#:57 R.Time:14.573(Scan#:2243)
MassPeaks:55
RawMode:Averaged 14.563-14.583(2241-2245)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



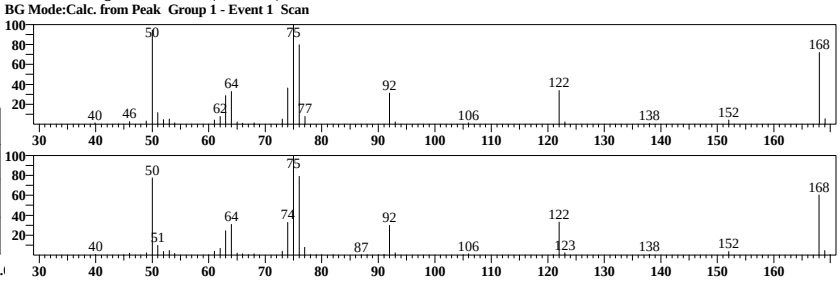
ID#:58 Name:1,3-Dinitrobenzene Type:Target No Manual Integration

Mass:168.00 R.T:14.482 Area:49047 Conc:29.83096ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	76.00	28168	110.94	100.00
2	92.00	11005	43.34	44.00
3	122.00	11928	46.98	47.00



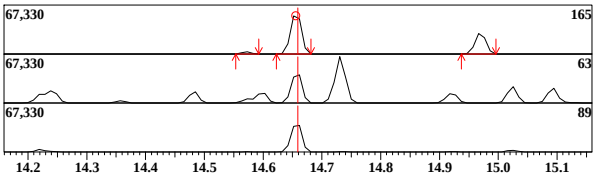
ID#:58 R.Time:14.485(Scan#:2225)
MassPeaks:30
RawMode:Averaged 14.475-14.495(2223-2227)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



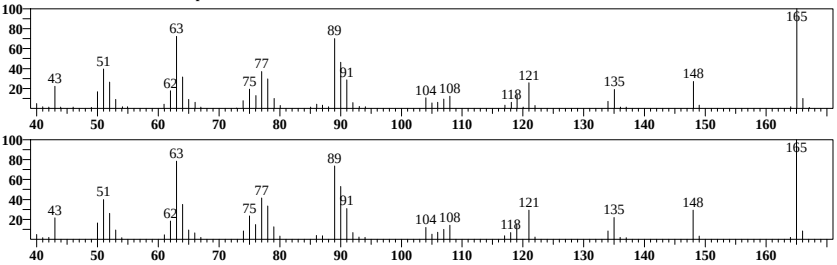
ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT) Type:Target No Manual Integration

Mass:165.00 R.T:14.656 Area:73867 Conc:30.62538ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	63.00	27872	72.38	89.00
2	89.00	27052	70.25	65.00



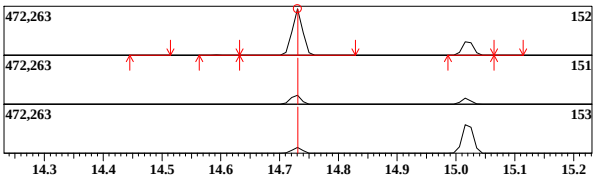
ID#:59 R.Time:14.652(Scan#:2259)
MassPeaks:59
RawMode:Averaged 14.642-14.662(2257-2261)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



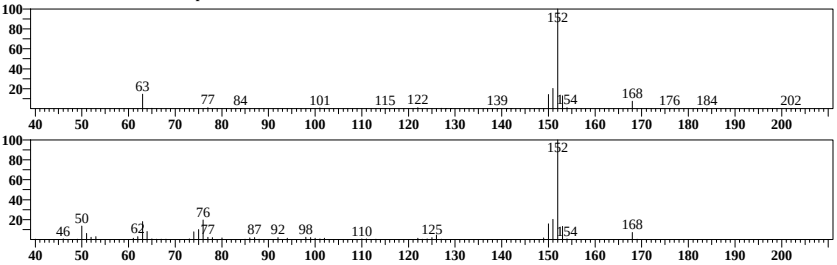
ID#:60 Name:Acenaphthylene Type:Target No Manual Integration

Mass:152.00 R.T:14.730 Area:559125 Conc:29.62663ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	151.00	59737	20.12	14.97
2	153.00	37910	12.77	5.44



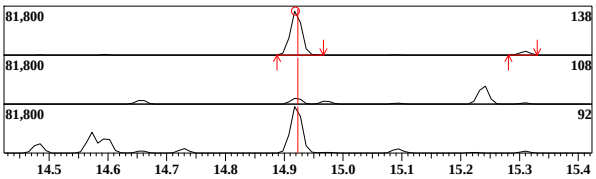
ID#:60 R.Time:14.731(Scan#:2276)
MassPeaks:22
RawMode:Averaged 14.721-14.740(2274-2278)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



ID#:61 Name:3-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.919 Area:102534 Conc:31.68252ppm
Event:1:Scan SI:93

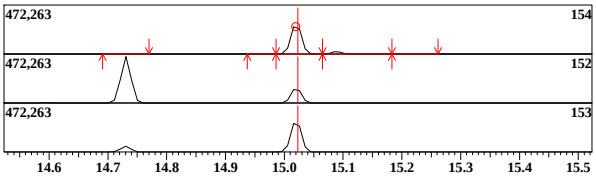
#	m/z	Area	Ratio	Reference
1	108.00	5512	10.51	16.00
2	92.00	56166	107.12	101.00



ID#:62 Name:Acenaphthene Type:Target No Manual Integration

Mass:154.00 R.T:15.020 Area:370453 Conc:29.58057ppm
Event:2:SIM SI:98

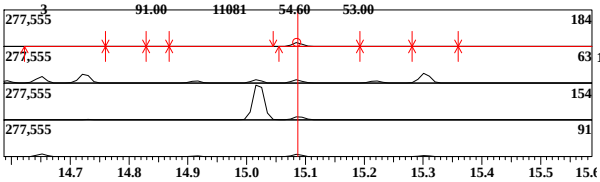
#	m/z	Area	Ratio	Reference
1	152.00	94959	50.06	59.49
2	153.00	197458	104.11	105.06



ID#:63 Name:2,4-Dinitrophenol Type:Target No Manual Integration

Mass:184.00 R.T:15.085 Area:40971 Conc:30.40380ppm
Event:2:SIM SI:95

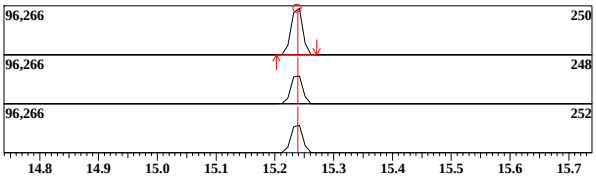
#	m/z	Area	Ratio	Reference
1	63.00	15885	78.28	90.00
2	154.00	16196	79.81	64.00
3	91.00	11081	54.60	53.00



ID#:64 Name:Pentachlorobenzene Type:Target No Manual Integration

Mass:250.00 R.T:15.238 Area:129278 Conc:30.43607ppm
Event:1:Scan SI:95

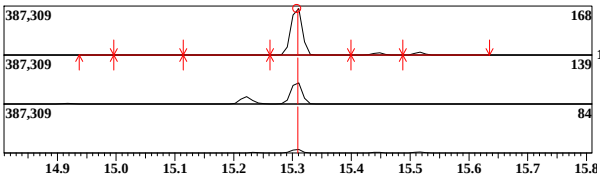
#	m/z	Area	Ratio	Reference
1	248.00	40773	61.98	63.33
2	252.00	39827	60.54	65.87



ID#:65 Name:Dibenzofuran Type:Target No Manual Integration

Mass:168.00 R.T:15.307 Area:511119 Conc:30.49937ppm
Event:2:SIM SI:98

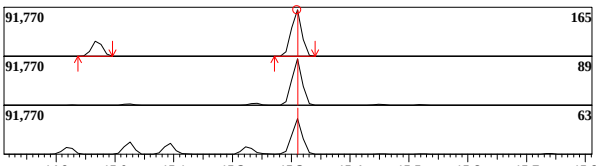
#	m/z	Area	Ratio	Reference
1	139.00	118844	45.13	44.93
2	84.00	19983	7.59	10.15



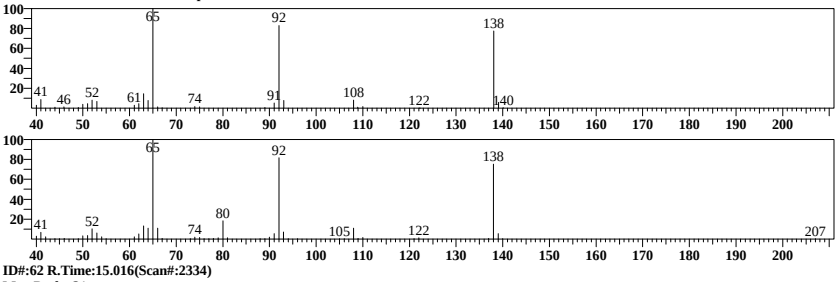
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT) Type:Target No Manual Integration

Mass:165.00 R.T:15.309 Area:108276 Conc:31.11576ppm
Event:1:Scan SI:97

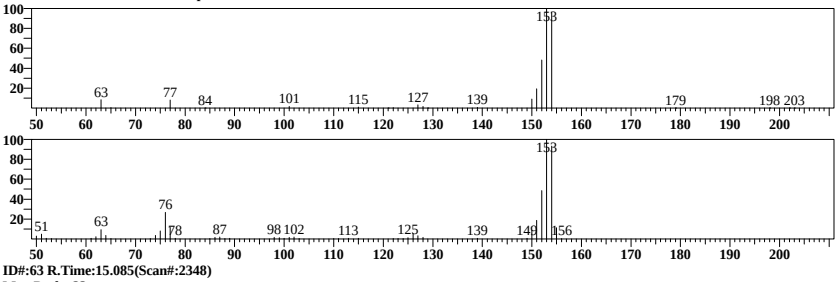
#	m/z	Area	Ratio	Reference
1	89.00	57099	99.51	96.00
2	63.00	44123	76.90	80.00



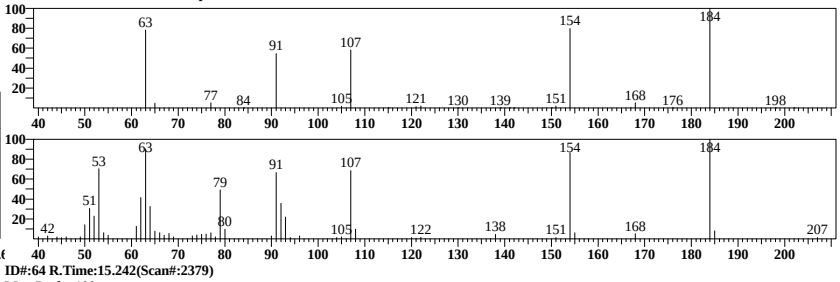
ID#:61 R.Time:14.917(Scan#:2313)
MassPeaks:29
RawMode:Averaged 14.908-14.927(2311-2315)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



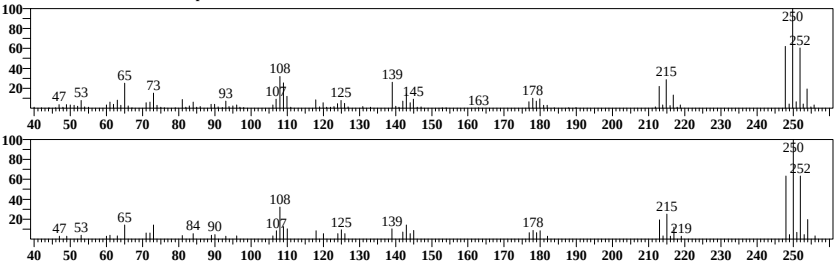
ID#:62 R.Time:15.016(Scan#:2334)
MassPeaks:21
RawMode:Averaged 15.006-15.025(2332-2336)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



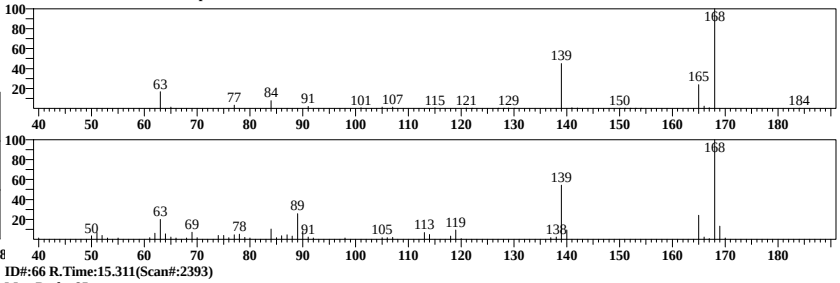
ID#:63 R.Time:15.085(Scan#:2348)
MassPeaks:23
RawMode:Averaged 15.075-15.094(2346-2350)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



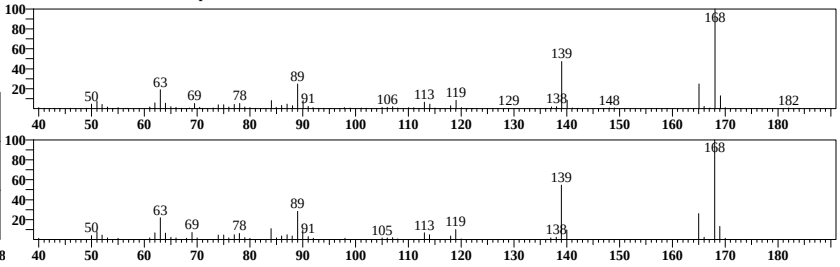
ID#:64 R.Time:15.242(Scan#:2379)
MassPeaks:100
RawMode:Averaged 15.232-15.252(2377-2381)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:65 R.Time:15.311(Scan#:2394)
MassPeaks:28
RawMode:Averaged 15.301-15.320(2392-2396)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



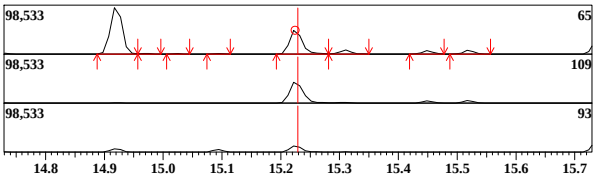
ID#:66 R.Time:15.311(Scan#:2393)
MassPeaks:85
RawMode:Averaged 15.301-15.320(2391-2395)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:67 Name:4-Nitrophenol Type:Target No Manual Integration

Mass:65.00 R.T:15.225 Area:73668 Conc:30.52110ppm
Event:1:Scan SI:81

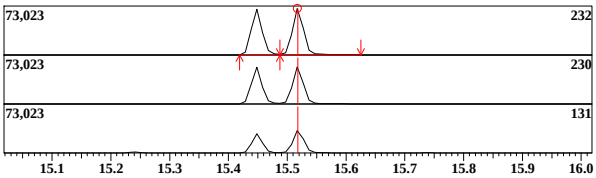
#	m/z	Area	Ratio	Reference
1	109.00	30561	89.73	97.00
2	93.00	8978	26.36	21.72



ID#:68 Name:2,3,4,6-Tetrachlorophenol Type:Target No Manual Integration

Mass:232.00 R.T:15.518 Area:94267 Conc:31.48285ppm
Event:1:Scan SI:97

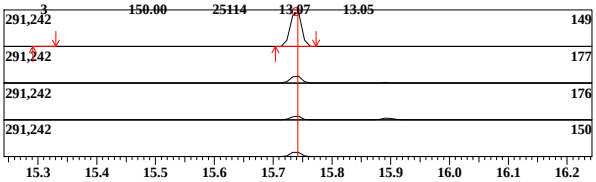
#	m/z	Area	Ratio	Reference
1	230.00	36126	78.99	75.09
2	131.00	22073	48.26	41.75



ID#:69 Name:Diethyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:15.740 Area:373667 Conc:30.49519ppm
Event:1:Scan SI:98

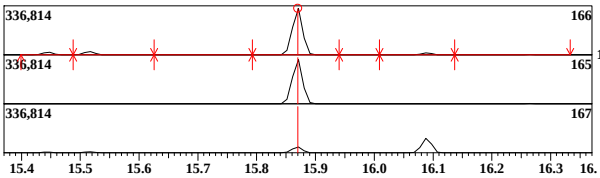
#	m/z	Area	Ratio	Reference
1	177.00	38253	19.92	23.56
2	176.00	19771	10.29	10.95
3	150.00	25114	13.07	13.05



ID#:70 Name:Fluorene Type:Target No Manual Integration

Mass:166.00 R.T:15.870 Area:398404 Conc:29.25551ppm
Event:2:SIM SI:95

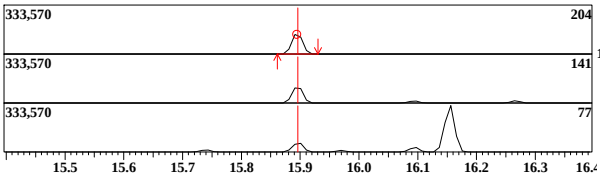
#	m/z	Area	Ratio	Reference
1	165.00	200888	95.75	75.42
2	167.00	27844	13.27	3.39



ID#:71 Name:4-Chlorophenyl phenyl ether Type:Target No Manual Integration

Mass:204.00 R.T:15.894 Area:185244 Conc:30.55600ppm
Event:1:Scan SI:72

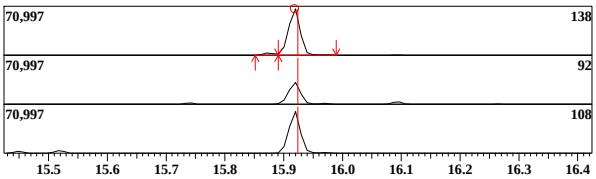
#	m/z	Area	Ratio	Reference
1	141.00	75547	79.43	98.00
2	77.00	42484	44.67	53.19



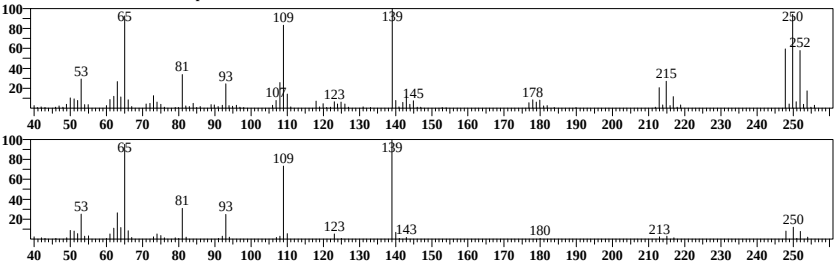
ID#:72 Name:4-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:15.919 Area:95428 Conc:31.67950ppm
Event:1:Scan SI:53

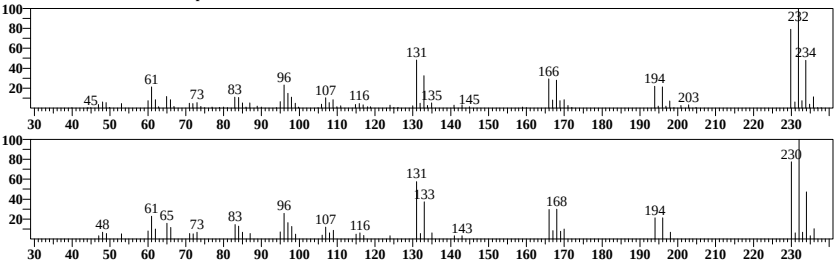
#	m/z	Area	Ratio	Reference
1	92.00	21688	47.41	64.55
2	108.00	41663	91.07	83.01



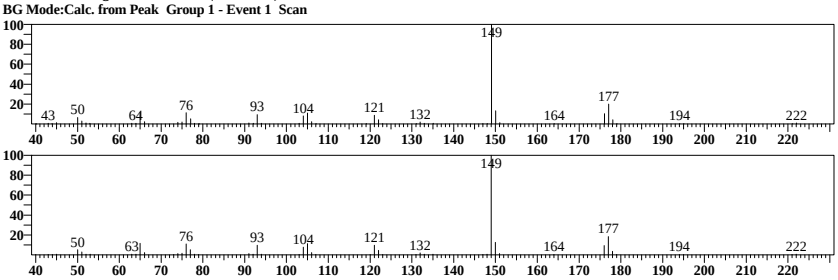
ID#:67 R.Time:15.222(Scan#:2375)
MassPeaks:100
RawMode:Averaged 15.212-15.232(2373-2377)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



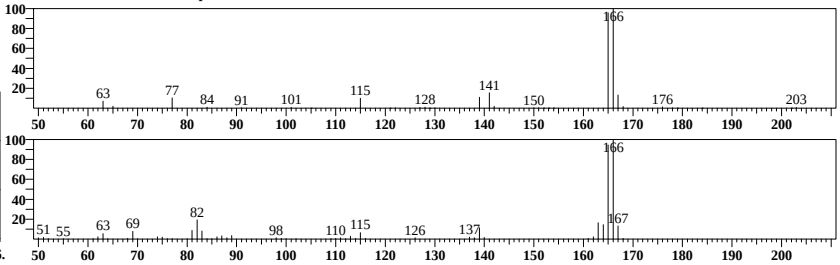
ID#:68 R.Time:15.517(Scan#:2435)
MassPeaks:89
RawMode:Averaged 15.507-15.527(2433-2437)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



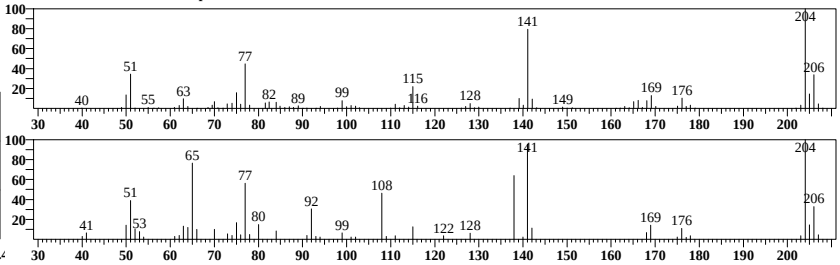
ID#:69 R.Time:15.743(Scan#:2481)
MassPeaks:49
RawMode:Averaged 15.733-15.753(2479-2483)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



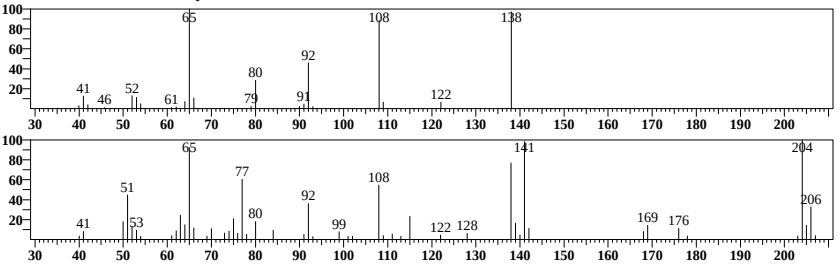
ID#:70 R.Time:15.871(Scan#:2508)
MassPeaks:32
RawMode:Averaged 15.861-15.881(2506-2510)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



ID#:71 R.Time:15.891(Scan#:2511)
MassPeaks:85
RawMode:Averaged 15.881-15.901(2509-2513)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



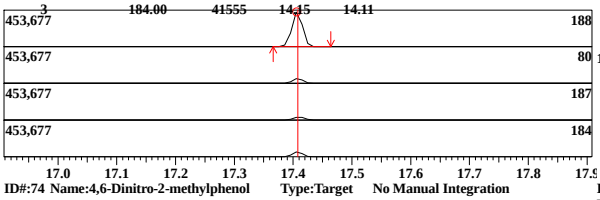
ID#:72 R.Time:15.920(Scan#:2517)
MassPeaks:23
RawMode:Averaged 15.911-15.930(2515-2519)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:73 Name:Phenanthrene-d10 (IS) Type:ISTD No Manual Integration

Mass:188.00 R.T:17.406 Area:562686 Conc:40.00000ppm
Event:1:Scan SI:96

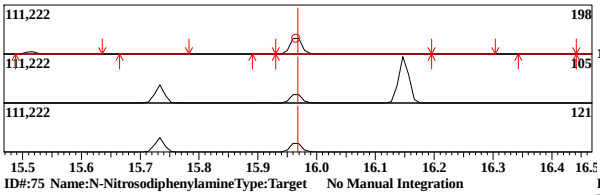
#	m/z	Area	Ratio	Reference
1	80.00	39783	13.54	15.93
2	187.00	25910	8.82	10.00
3	184.00	41555	14.15	14.11



ID#:74 Name:4,6-Dinitro-2-methylphenol Type:Target No Manual Integration

Mass:198.00 R.T:15.965 Area:55589 Conc:30.39117ppm
Event:2:SIM SI:88

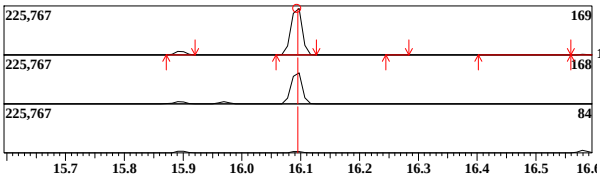
#	m/z	Area	Ratio	Reference
1	105.00	13984	52.31	55.83
2	121.00	14420	53.94	44.01



ID#:75 Name:N-NitrosodiphenylamineType:Target No Manual Integration

Mass:169.00 R.T:16.093 Area:294166 Conc:30.21825ppm
Event:1:Scan SI:98

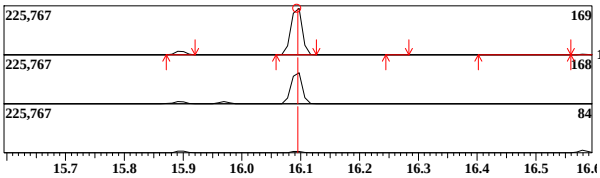
#	m/z	Area	Ratio	Reference
1	168.00	100142	66.36	64.38
2	84.00	5019	3.33	2.92



ID#:76 Name:Diphenylamine Type:Target No Manual Integration

Mass:169.00 R.T:16.093 Area:294166 Conc:30.21825ppm
Event:1:Scan SI:98

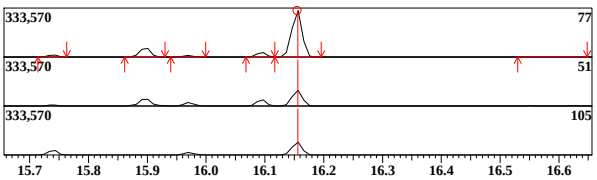
#	m/z	Area	Ratio	Reference
1	168.00	100142	66.36	64.38
2	84.00	5019	3.33	2.92



ID#:77 Name:1,2-Diphenylhydrazine Type:Target No Manual Integration

Mass:77.00 R.T:16.155 Area:394908 Conc:30.29811ppm
Event:1:Scan SI:96

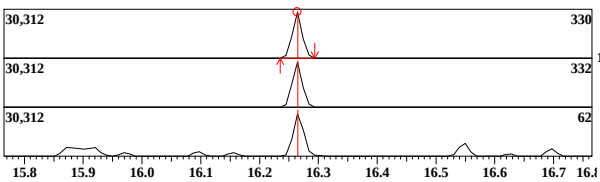
#	m/z	Area	Ratio	Reference
1	51.00	70324	33.64	21.73
2	105.00	57660	27.58	6.07



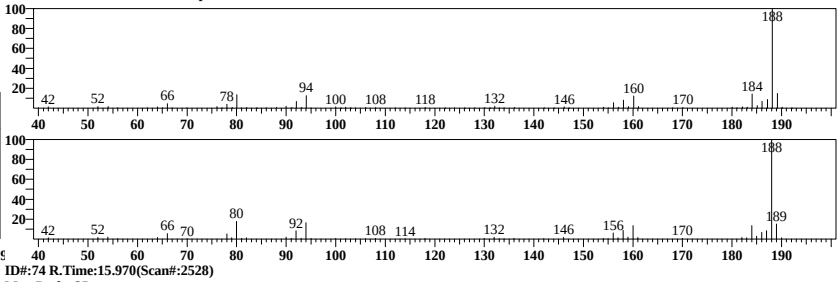
ID#:78 Name:2,4,6-Tribromophenol Type:Surrogate/SMC No Manual Integration

Mass:330.00 R.T:16.264 Area:34383 Conc:28.08757ppm
Event:1:Scan SI:70

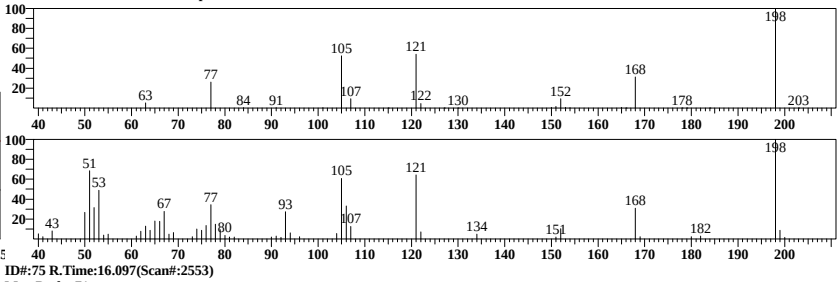
#	m/z	Area	Ratio	Reference
1	332.00	18199	100.19	100.00
2	62.00	17291	95.19	97.00



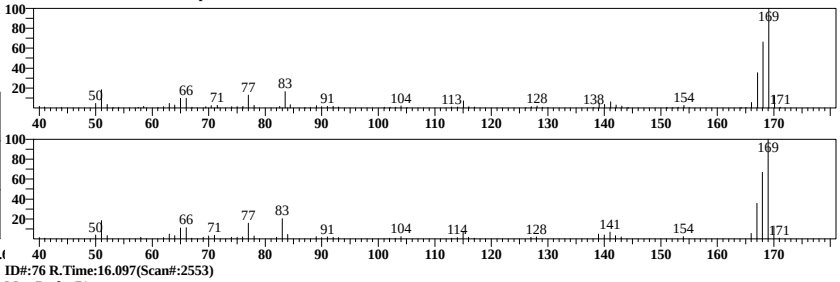
ID#:73 R.Time:17.405(Scan#:2819)
MassPeaks:73
RawMode:Averaged 17.395-17.415(2817-2821)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



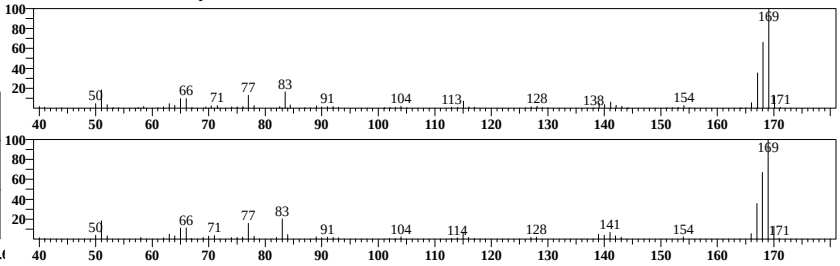
ID#:74 R.Time:15.970(Scan#:2528)
MassPeaks:25
RawMode:Averaged 15.960-15.979(2526-2530)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



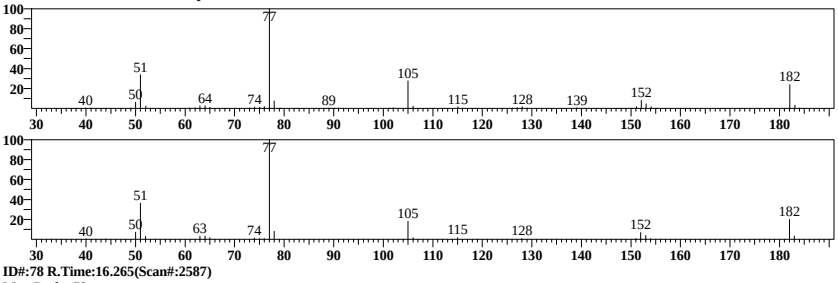
ID#:75 R.Time:16.097(Scan#:2553)
MassPeaks:71
RawMode:Averaged 16.087-16.107(2551-2555)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



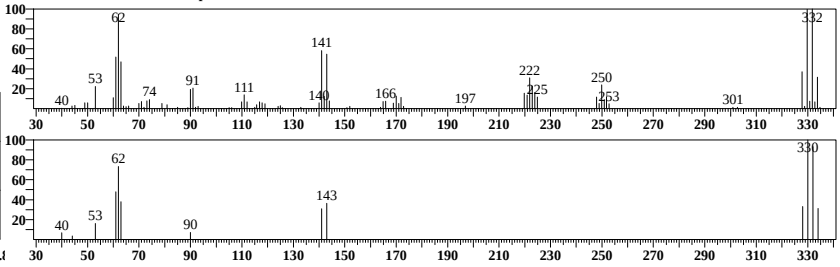
ID#:76 R.Time:16.097(Scan#:2553)
MassPeaks:71
RawMode:Averaged 16.087-16.107(2551-2555)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:77 R.Time:16.156(Scan#:2565)
MassPeaks:41
RawMode:Averaged 16.147-16.166(2563-2567)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



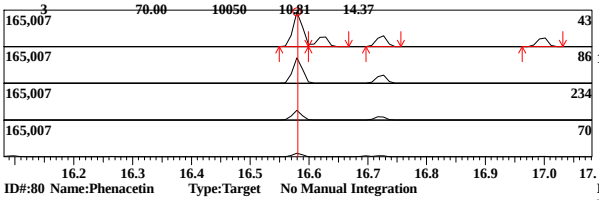
ID#:78 R.Time:16.265(Scan#:2587)
MassPeaks:78
RawMode:Averaged 16.255-16.274(2585-2589)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

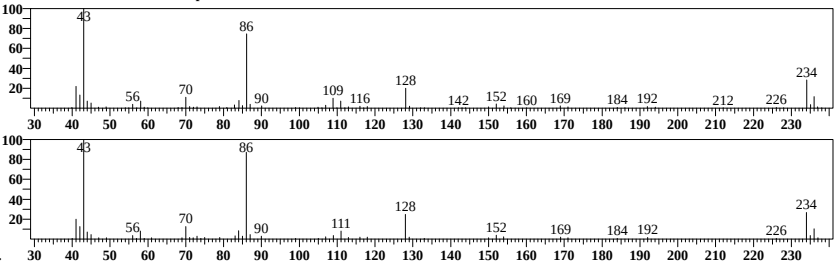


ID#:79 Name:(cis/trans)-Diallate Type:Target No Manual Integration

Mass:43.00 R.T:16.580 Area:183784 Conc:29.88483ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	86.00	69493	74.75	76.79
2	234.00	26405	28.40	26.39
3	70.00	10050	10.81	14.37



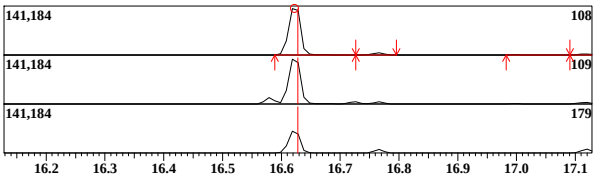


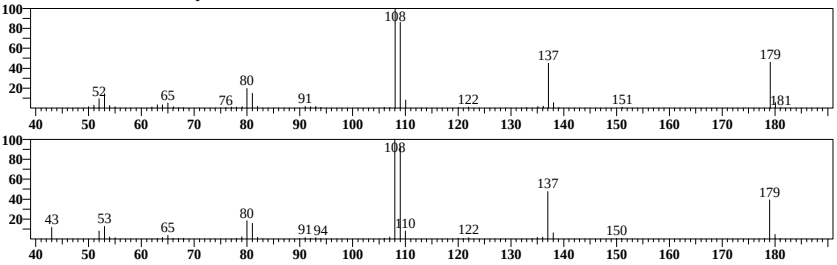
ID#:79 R.Time:16.579(Scan#:2651)
MassPeaks:68
RawMode:Averaged 16.569-16.589(2649-2653)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:80 Name:Phenacetin Type:Target No Manual Integration

Mass:108.00 R.T:16.623 Area:198933 Conc:31.13539ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	109.00	87115	86.02	83.01
2	179.00	46422	45.84	44.31



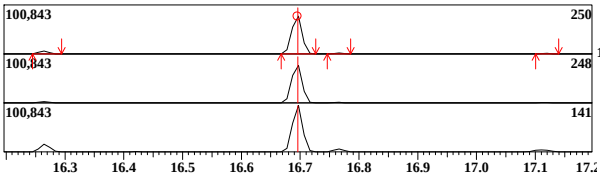


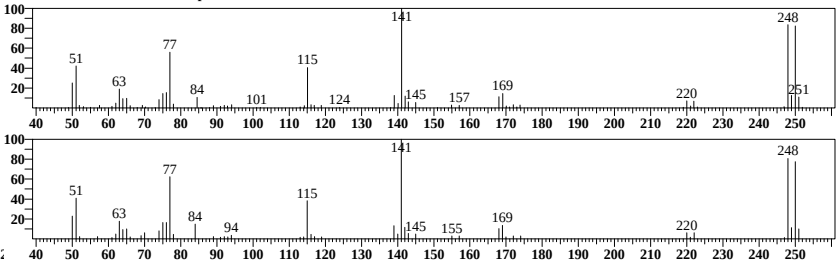
ID#:80 R.Time:16.619(Scan#:2659)
MassPeaks:41
RawMode:Averaged 16.609-16.628(2657-2661)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:81 Name:4-Bromophenyl phenyl ether Type:Target No Manual Integration

Mass:250.00 R.T:16.695 Area:98595 Conc:30.51646ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	248.00	53031	101.56	105.86
2	141.00	63492	121.60	137.00



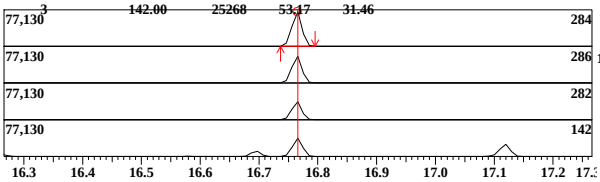


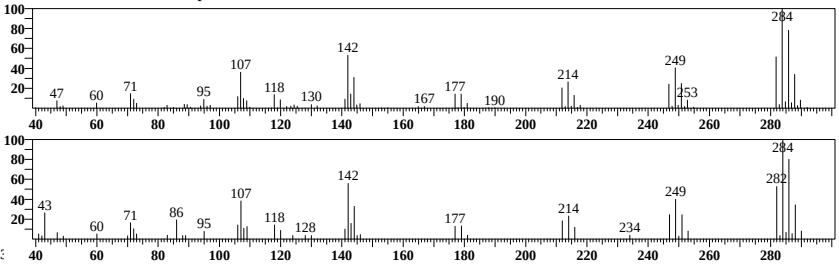
ID#:81 R.Time:16.697(Scan#:2675)
MassPeaks:68
RawMode:Averaged 16.687-16.707(2673-2677)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:82 Name:Hexachlorobenzene Type:Target No Manual Integration

Mass:284.00 R.T:16.765 Area:89758 Conc:30.47835ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	286.00	37090	78.05	79.72
2	282.00	24437	51.42	51.93
3	142.00	25268	53.17	31.46



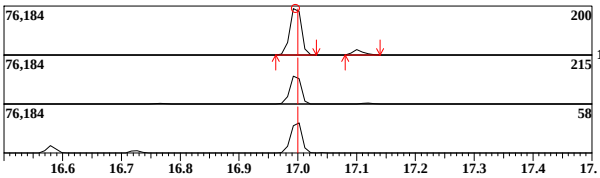


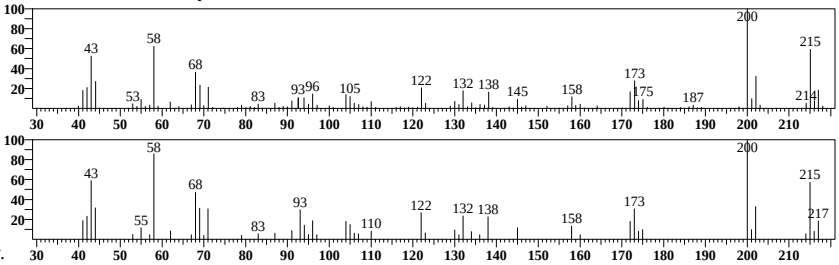
ID#:82 R.Time:16.766(Scan#:2689)
MassPeaks:75
RawMode:Averaged 16.756-16.776(2687-2691)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:83 Name:Atrazine Type:Target No Manual Integration

Mass:200.00 R.T:16.996 Area:101451 Conc:31.16164ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	215.00	31619	59.18	59.43
2	58.00	33387	62.48	64.00



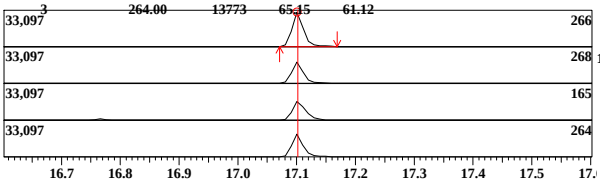


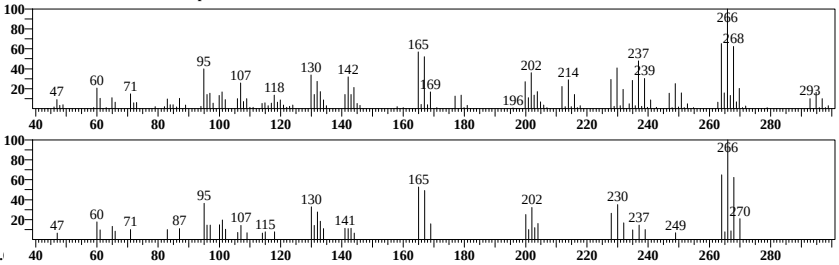
ID#:83 R.Time:16.992(Scan#:2735)
MassPeaks:105
RawMode:Averaged 16.982-17.002(2733-2737)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:84 Name:Pentachlorophenol Type:Target No Manual Integration

Mass:266.00 R.T:17.101 Area:44172 Conc:29.13192ppm
Event:1:Scan SI:86

#	m/z	Area	Ratio	Reference
1	268.00	13191	62.40	59.97
2	165.00	12018	56.85	41.42
3	264.00	13773	65.15	61.12



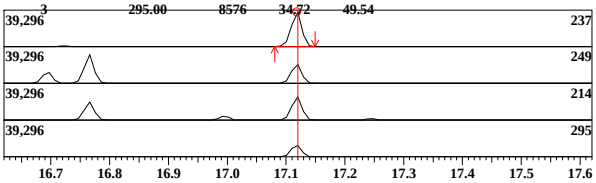


ID#:84 R.Time:17.100(Scan#:2757)
MassPeaks:126
RawMode:Averaged 17.090-17.110(2755-2759)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

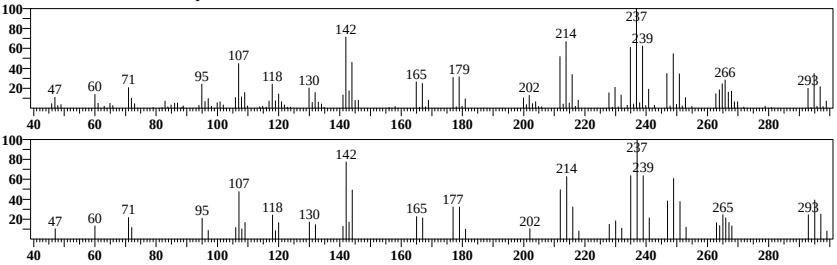
ID#:85 Name:Pentachloronitrobenzene Type:Target No Manual Integration

Mass:237.00 R.T:17.118 Area:48209 Conc:31.35385ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	249.00	13470	54.53	68.26
2	214.00	16550	67.00	62.54
3	295.00	8576	34.72	49.54



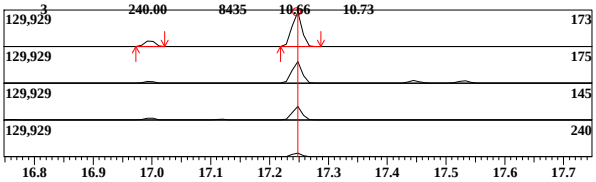
ID#:85 R.Time:17.120(Scan#:2761)
MassPeaks:123
RawMode:Averaged 17.110-17.130(2759-2763)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



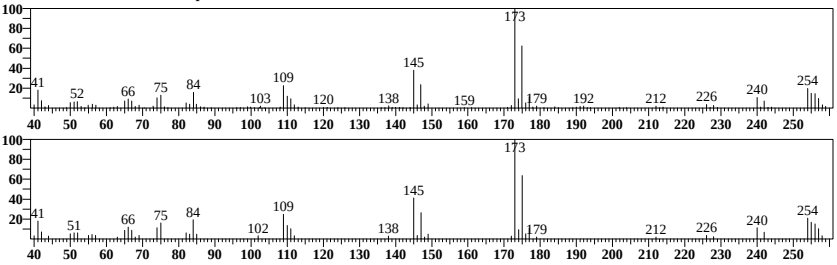
ID#:86 Name:Pronamide (Kerb) Type:Target No Manual Integration

Mass:173.00 R.T:17.247 Area:147266 Conc:30.92869ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	175.00	49348	62.38	60.85
2	145.00	30080	38.02	30.82
3	240.00	8435	10.66	10.73



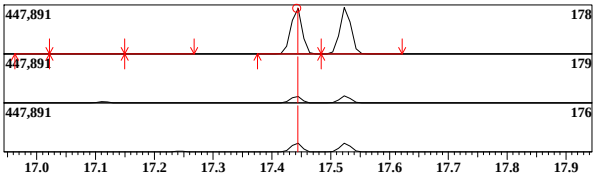
ID#:86 R.Time:17.248(Scan#:2787)
MassPeaks:107
RawMode:Averaged 17.238-17.258(2785-2789)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



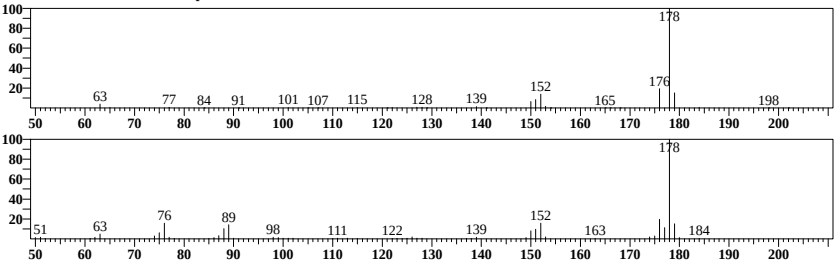
ID#:87 Name:Phenanthrene Type:Target No Manual Integration

Mass:178.00 R.T:17.442 Area:563710 Conc:30.20692ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	179.00	43284	15.03	15.63
2	176.00	55347	19.22	18.75



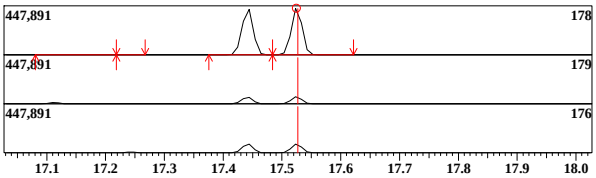
ID#:87 R.Time:17.445(Scan#:2828)
MassPeaks:30
RawMode:Averaged 17.435-17.454(2826-2830)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



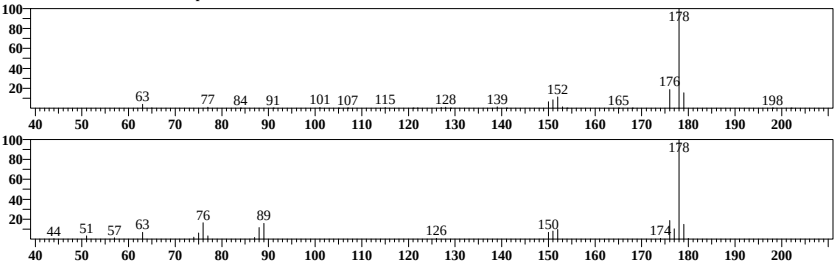
ID#:88 Name:Anthracene Type:Target No Manual Integration

Mass:178.00 R.T:17.525 Area:566540 Conc:29.06355ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	179.00	45104	15.30	12.08
2	176.00	55249	18.74	20.60



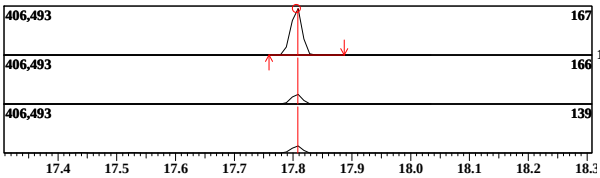
ID#:88 R.Time:17.523(Scan#:2844)
MassPeaks:28
RawMode:Averaged 17.513-17.533(2842-2846)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



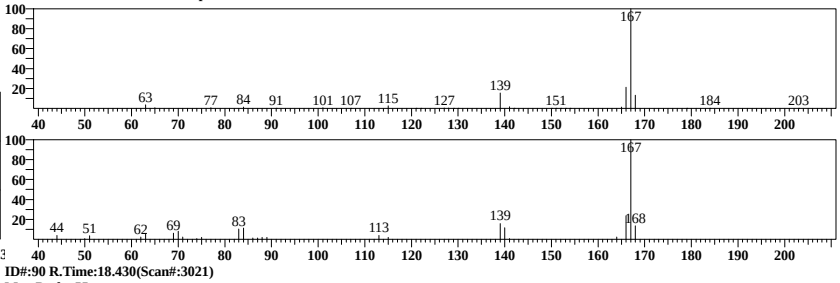
ID#:89 Name:Carbazole Type:Target No Manual Integration

Mass:167.00 R.T:17.806 Area:528082 Conc:30.43823ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	166.00	57006	21.20	20.96
2	139.00	41825	15.56	12.92



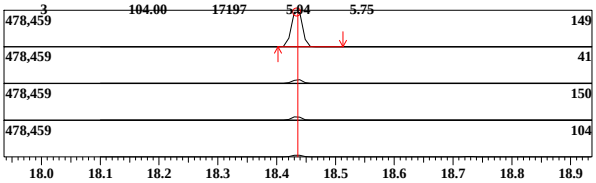
ID#:89 R.Time:17.808(Scan#:2902)
MassPeaks:29
RawMode:Averaged 17.799-17.818(2900-2904)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



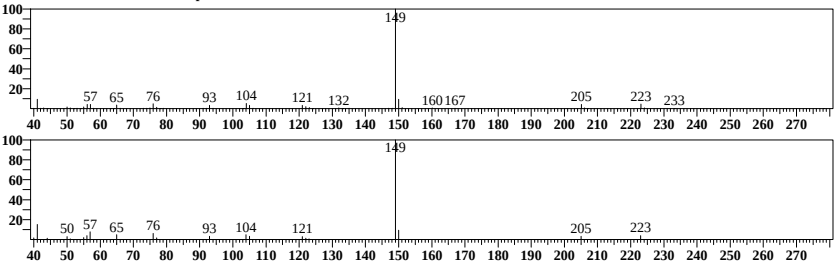
ID#:90 Name:Di-n-butyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:18.434 Area:626207 Conc:30.60614ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	41.00	32030	9.39	10.41
2	150.00	31411	9.21	8.84
3	104.00	17197	5.04	5.75



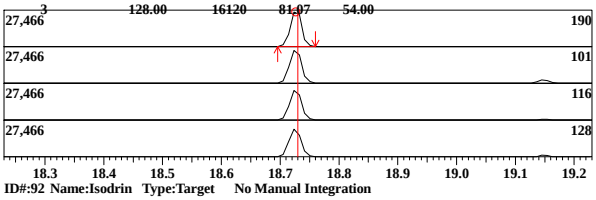
ID#:90 R.Time:18.430(Scan#:3021)
MassPeaks:55
RawMode:Averaged 18.421-18.439(3019-3023)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



ID#:91 Name:4-Nitroquinoline-N-Oxide Type:Target No Manual Integration

Mass:190.00 R.T:18.727 Area:37191 Conc:29.17775ppm
Event:1:Scan SI:94

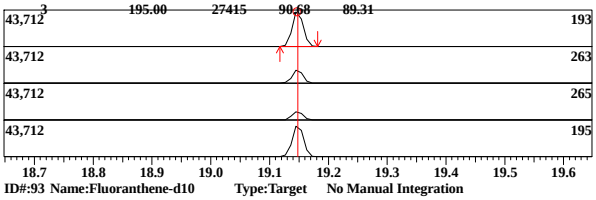
#	m/z	Area	Ratio	Reference
1	101.00	19300	97.06	71.00
2	116.00	17072	85.86	70.00
3	128.00	16120	81.07	54.00



ID#:92 Name:Isodrin Type:Target No Manual Integration

Mass:193.00 R.T:19.147 Area:56328 Conc:30.42002ppm
Event:1:Scan SI:93

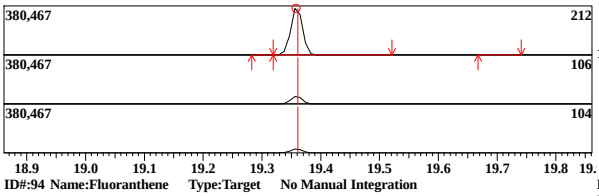
#	m/z	Area	Ratio	Reference
1	263.00	11089	36.68	42.74
2	265.00	7339	24.28	29.49
3	195.00	27415	90.68	89.31



ID#:93 Name:Fluoranthene-d10 Type:Target No Manual Integration

Mass:212.00 R.T:19.358 Area:532990 Conc:30.54273ppm
Event:2:SIM SI:97

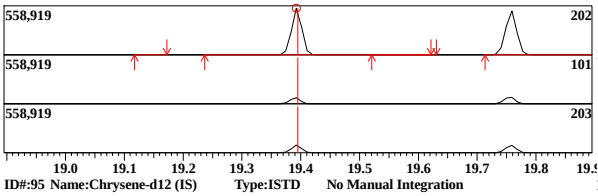
#	m/z	Area	Ratio	Reference
1	106.00	45399	16.47	22.08
2	104.00	24149	8.76	12.34



ID#:94 Name:Fluoranthene Type:Target No Manual Integration

Mass:202.00 R.T:19.393 Area:672374 Conc:29.26835ppm
Event:2:SIM SI:95

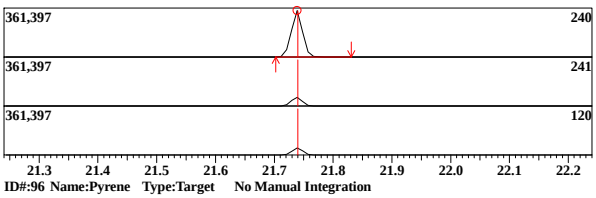
#	m/z	Area	Ratio	Reference
1	101.00	49217	13.32	14.12
2	203.00	61983	16.77	6.47



ID#:95 Name:Chrysene-d12 (IS) Type:ISTD No Manual Integration

Mass:240.00 R.T:21.739 Area:469649 Conc:40.00000ppm
Event:1:Scan SI:95

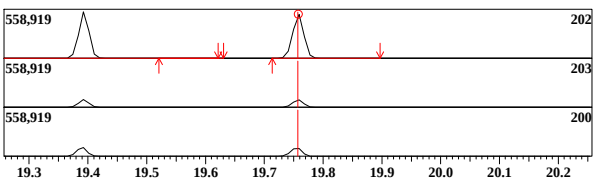
#	m/z	Area	Ratio	Reference
1	241.00	47133	19.05	19.13
2	120.00	38201	15.44	14.79



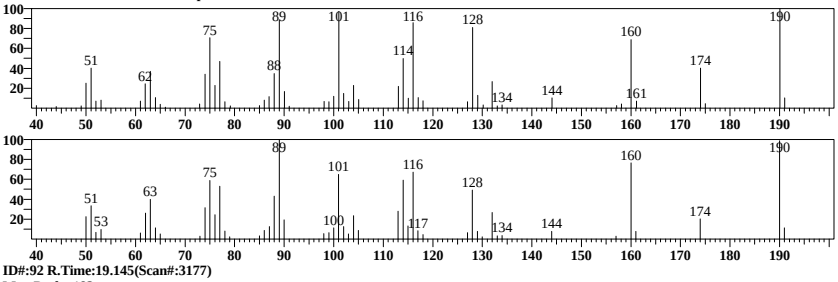
ID#:96 Name:Pyrene Type:Target No Manual Integration

Mass:202.00 R.T:19.758 Area:670596 Conc:30.39969ppm
Event:2:SIM SI:92

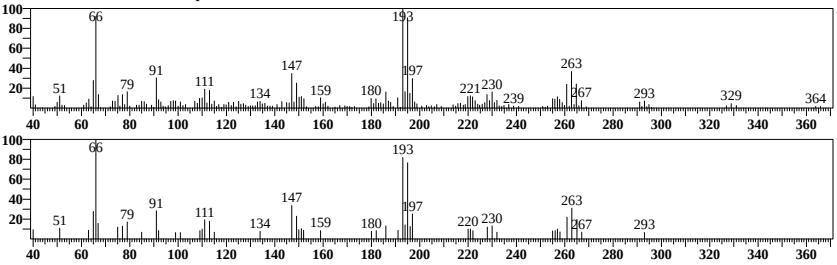
#	m/z	Area	Ratio	Reference
1	203.00	61432	17.09	18.13
2	200.00	67531	18.79	4.68



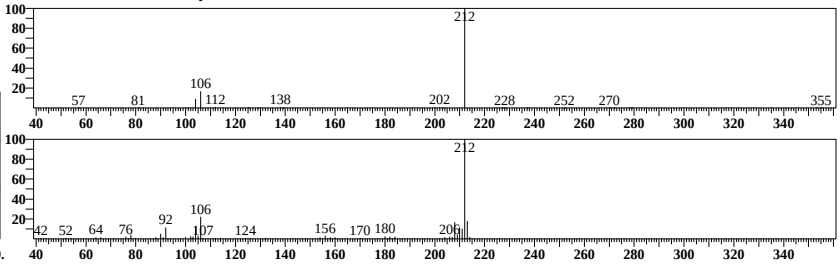
ID#:91 R.Time:18.723(Scan#:3085)
MassPeaks:57
RawMode:Averaged 18.714-18.733(3083-3087)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



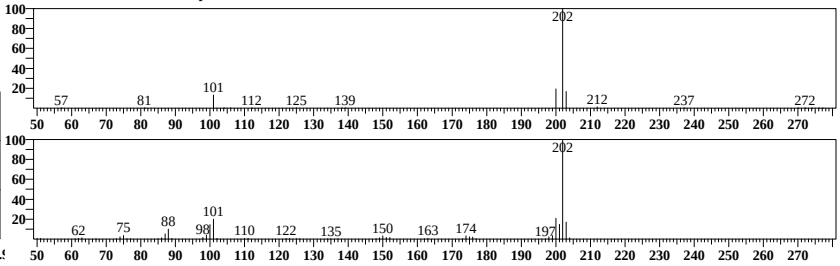
ID#:92 R.Time:19.145(Scan#:3177)
MassPeaks:182
RawMode:Averaged 19.136-19.154(3175-3179)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



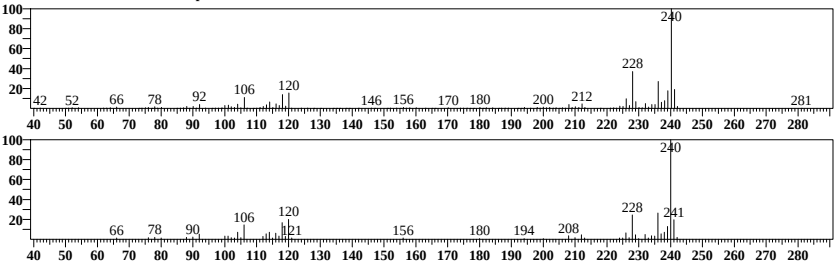
ID#:93 R.Time:19.356(Scan#:3224)
MassPeaks:24
RawMode:Averaged 19.347-19.365(3222-3226)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



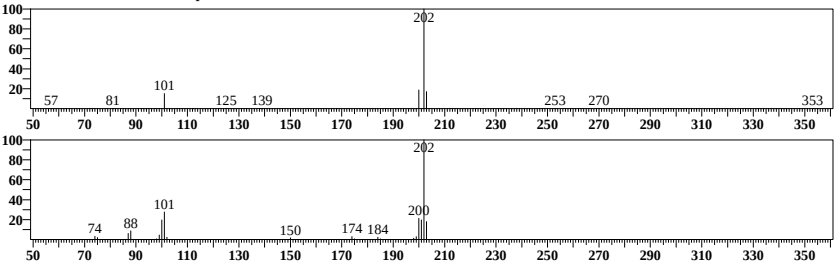
ID#:94 R.Time:19.392(Scan#:3232)
MassPeaks:19
RawMode:Averaged 19.383-19.402(3230-3234)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



ID#:95 R.Time:21.739(Scan#:3743)
MassPeaks:133
RawMode:Averaged 21.730-21.748(3741-3745)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



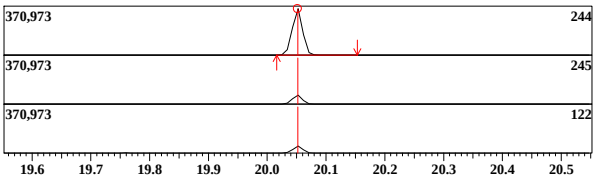
ID#:96 R.Time:19.759(Scan#:3312)
MassPeaks:15
RawMode:Averaged 19.750-19.768(3310-3314)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



ID#:97 Name:p-Terphenyl-d14Type:Surrogate/SMC No Manual Integration

Mass:244.00 R.T:20.051 Area:439084 Conc:31.41341ppm
Event:1:Scan SI:81

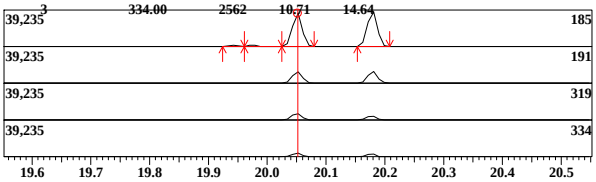
#	m/z	Area	Ratio	Reference
1	245.00	46156	19.15	19.16
2	122.00	36073	14.96	13.22



ID#:98 Name:Aramite A Type:Target No Manual Integration

Mass:185.00 R.T:20.051 Area:42165 Conc:14.99392ppm
Event:1:Scan SI:44

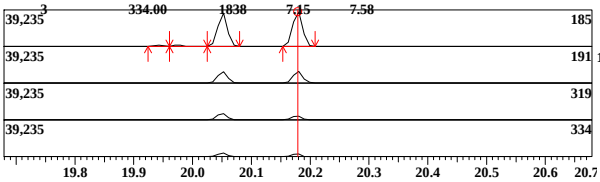
#	m/z	Area	Ratio	Reference
1	191.00	8425	35.20	44.95
2	319.00	4808	20.09	34.11
3	334.00	2562	10.71	14.64



ID#:99 Name:Aramite B Type:Target No Manual Integration

Mass:185.00 R.T:20.179 Area:45634 Conc:16.27253ppm
Event:1:Scan SI:94

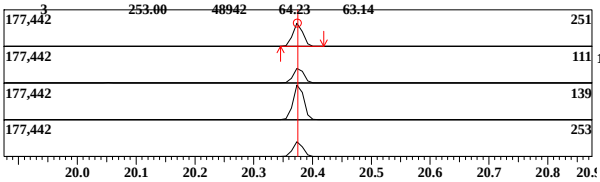
#	m/z	Area	Ratio	Reference
1	191.00	8501	33.06	42.53
2	319.00	2763	10.75	13.52
3	334.00	1838	7.15	7.58



ID#:100 Name:Chlorobenzilate Type:Target No Manual Integration

Mass:251.00 R.T:20.374 Area:136000 Conc:31.48608ppm
Event:1:Scan SI:98

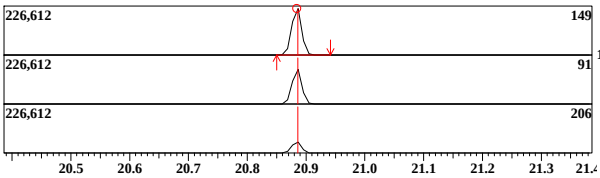
#	m/z	Area	Ratio	Reference
1	111.00	50282	65.99	55.84
2	139.00	119311	156.58	178.00
3	253.00	48942	64.23	63.14



ID#:101 Name:Butyl benzyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:20.884 Area:263593 Conc:31.51985ppm
Event:1:Scan SI:88

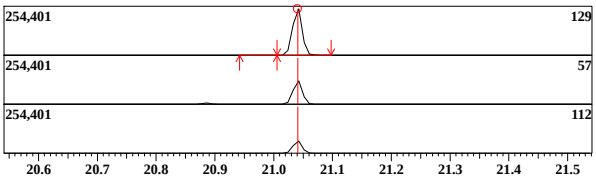
#	m/z	Area	Ratio	Reference
1	91.00	107117	73.52	92.95
2	206.00	34473	23.66	26.43



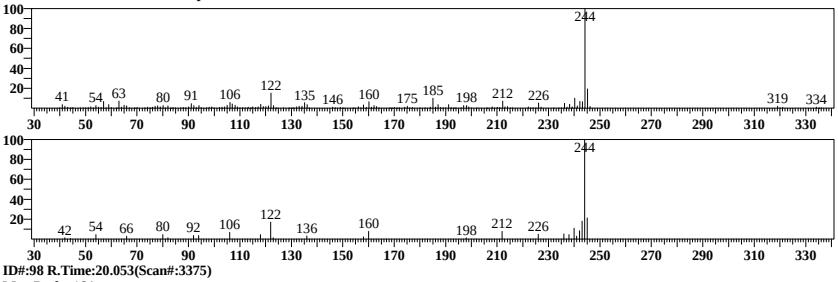
ID#:102 Name:Di(2-ethylhexyl) adipate Type:Target No Manual Integration

Mass:129.00 R.T:21.041 Area:280881 Conc:31.19219ppm
Event:1:Scan SI:98

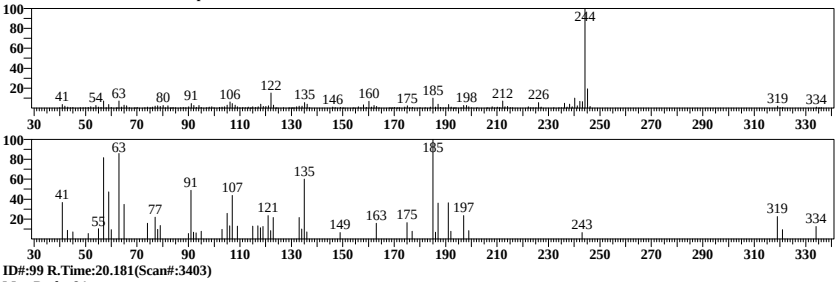
#	m/z	Area	Ratio	Reference
1	57.00	78566	49.75	40.00
2	112.00	40686	25.76	27.60



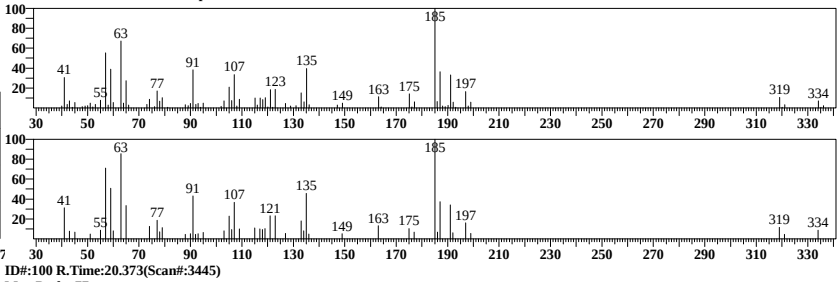
ID#:97 R.Time:20.053(Scan#:3375)
MassPeaks:164
RawMode:Averaged 20.043-20.062(3373-3377)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



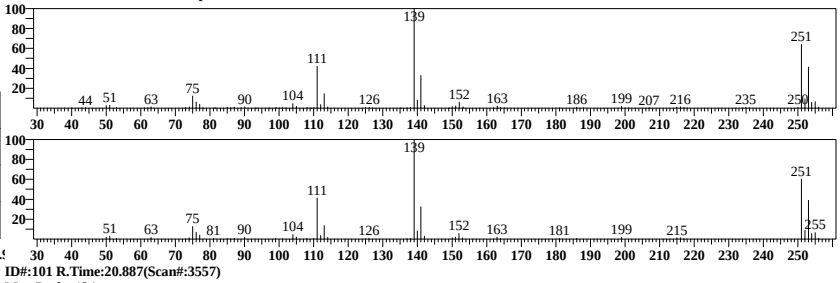
ID#:98 R.Time:20.053(Scan#:3375)
MassPeaks:164
RawMode:Averaged 20.043-20.062(3373-3377)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



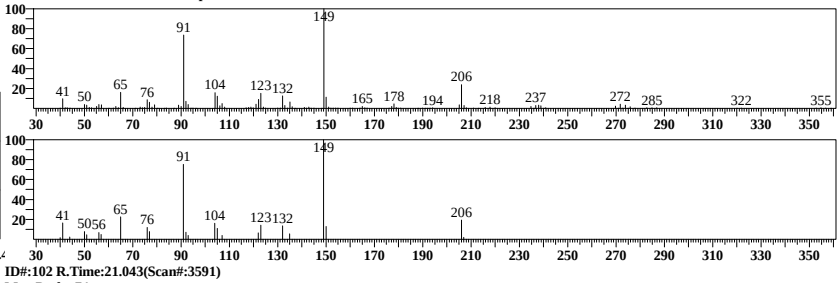
ID#:99 R.Time:20.181(Scan#:3403)
MassPeaks:84
RawMode:Averaged 20.172-20.190(3401-3405)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



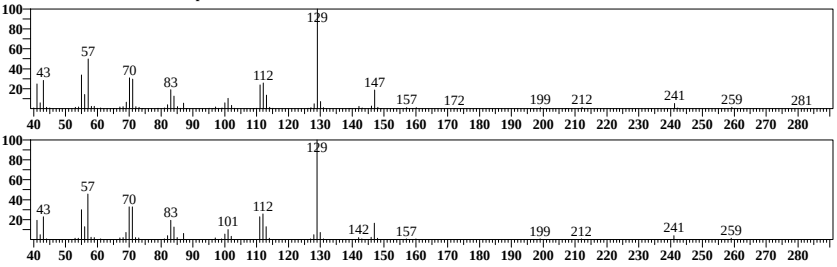
ID#:100 R.Time:20.373(Scan#:3445)
MassPeaks:77
RawMode:Averaged 20.364-20.383(3443-3447)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



ID#:101 R.Time:20.887(Scan#:3557)
MassPeaks:124
RawMode:Averaged 20.878-20.896(3555-3559)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



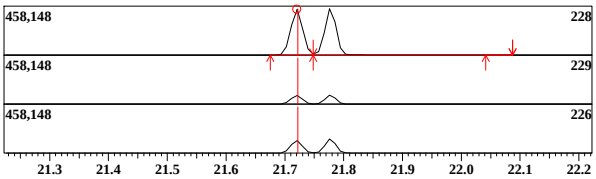
ID#:102 R.Time:21.043(Scan#:3591)
MassPeaks:74
RawMode:Averaged 21.033-21.052(3589-3593)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



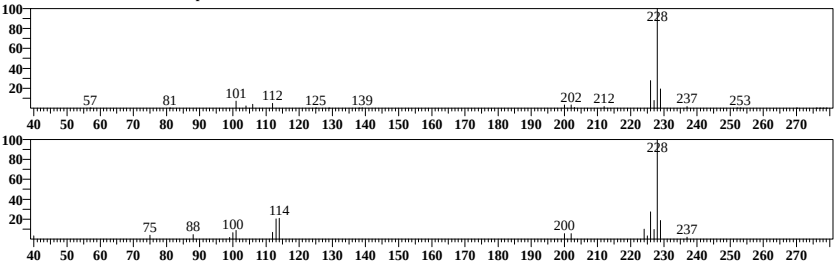
ID#:103 Name:Benzo[a]anthracene Type:Target No Manual Integration

Mass:228.00 R.T:21.720 Area:615462 Conc:31.32412ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	229.00	60752	19.39	27.13
2	226.00	86710	27.68	24.70



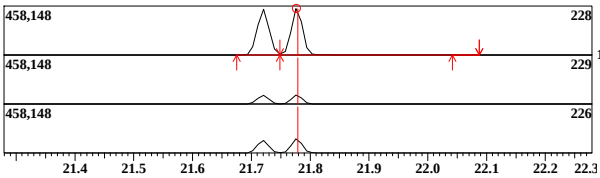
ID#:103 R.Time:21.721(Scan#:3740)
MassPeaks:26
RawMode:Averaged 21.712-21.730(3738-3742)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



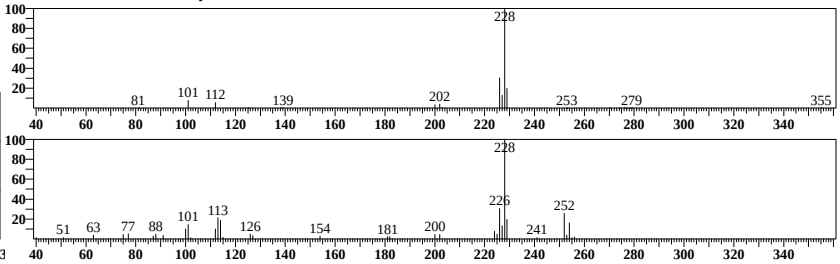
ID#:104 Name:Chrysene Type:Target No Manual Integration

Mass:228.00 R.T:21.777 Area:605557 Conc:30.51277ppm
Event:2:SIM SI:80

#	m/z	Area	Ratio	Reference
1	229.00	59840	19.51	27.13
2	226.00	93177	30.38	24.70



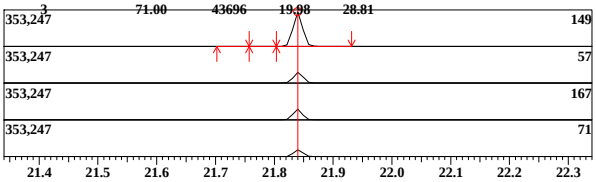
ID#:104 R.Time:21.776(Scan#:3752)
MassPeaks:21
RawMode:Averaged 21.767-21.785(3750-3754)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



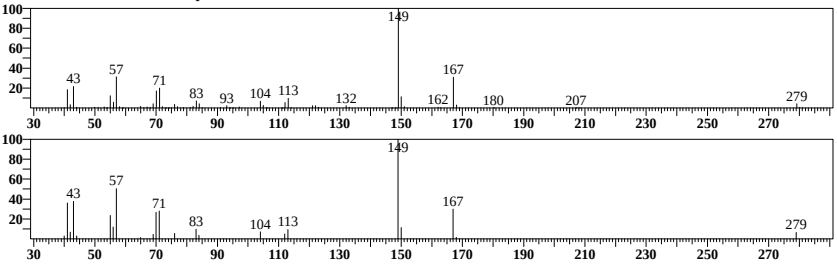
ID#:105 Name:Bis(2-Ethylhexyl) phthalate Type:Target No Manual Integration

Mass:149.00 R.T:21.840 Area:387048 Conc:31.54416ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	57.00	68130	31.16	45.69
2	167.00	67423	30.83	32.70
3	71.00	43696	19.98	28.81



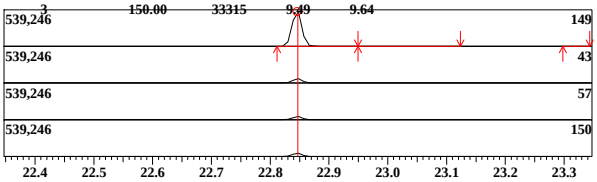
ID#:105 R.Time:21.840(Scan#:3765)
MassPeaks:66
RawMode:Averaged 21.831-21.849(3763-3767)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



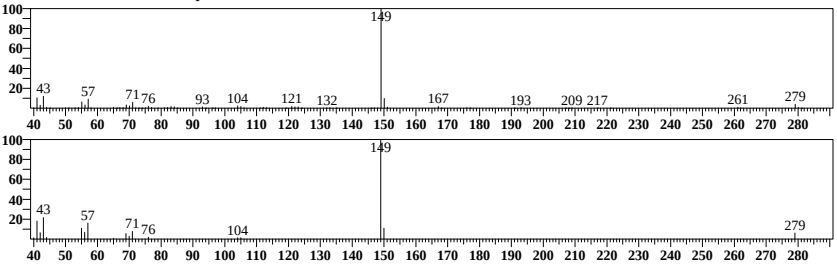
ID#:106 Name:Di-n-octyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:22.846 Area:641356 Conc:31.30558ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	43.00	41994	11.97	13.63
2	57.00	31739	9.04	13.85
3	150.00	33315	9.49	9.64



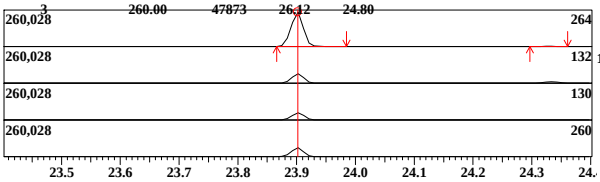
ID#:106 R.Time:22.848(Scan#:3985)
MassPeaks:73
RawMode:Averaged 22.839-22.858(3983-3987)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



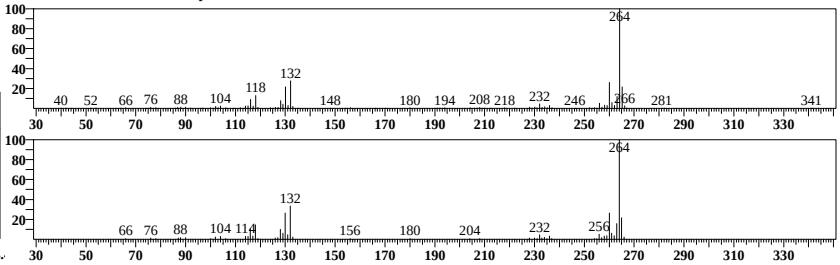
ID#:107 Name:Perylene-d12 (IS) Type:ISTD No Manual Integration

Mass:264.00 R.T:23.901 Area:359618 Conc:40.00000ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	132.00	50706	27.67	20.63
2	130.00	39386	21.49	16.36
3	260.00	47873	26.12	24.80



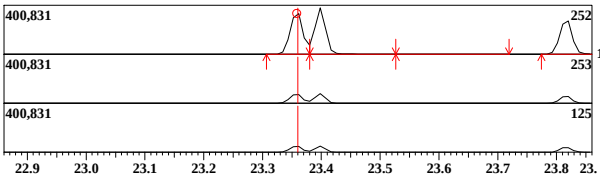
ID#:107 R.Time:23.903(Scan#:4215)
MassPeaks:94
RawMode:Averaged 23.893-23.912(4213-4217)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



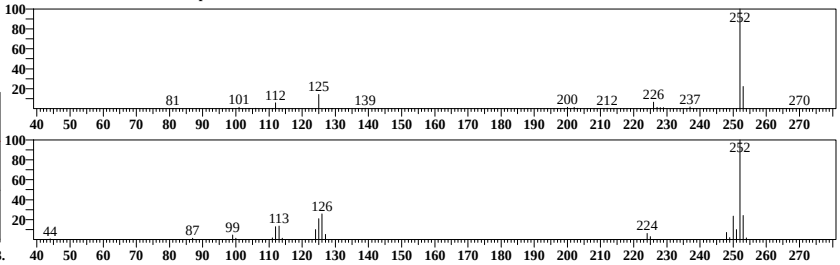
ID#:108 Name:Benzo[b]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.358 Area:541591 Conc:30.41528ppm
Event:2:SIM SI:76

#	m/z	Area	Ratio	Reference
1	253.00	44479	22.12	24.52
2	125.00	28606	14.23	21.64



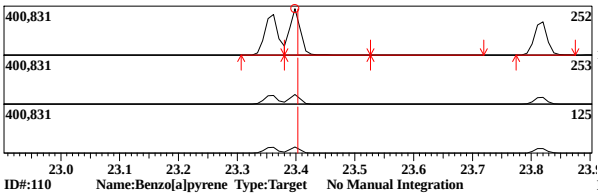
ID#:108 R.Time:23.362(Scan#:4098)
MassPeaks:23
RawMode:Averaged 23.352-23.371(4096-4100)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



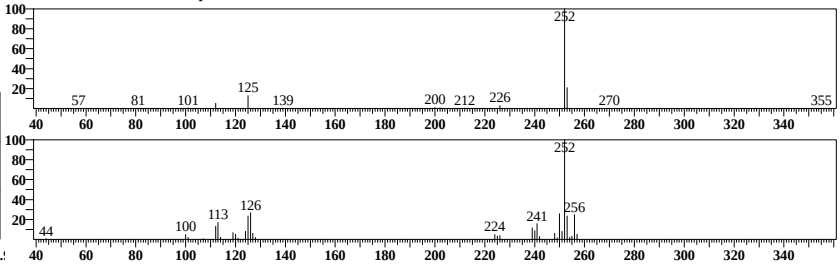
ID#:109 Name:Benzo[k]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.398 Area:483734 Conc:28.50628ppm
Event:2:SIM SI:78

#	m/z	Area	Ratio	Reference
1	253.00	43279	20.95	24.52
2	125.00	26677	12.91	21.64



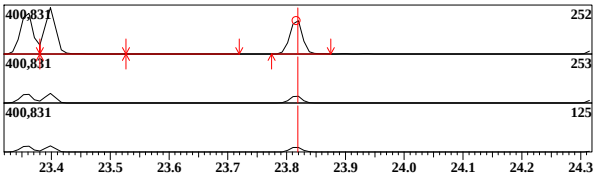
ID#:109 R.Time:23.398(Scan#:4106)
MassPeaks:24
RawMode:Averaged 23.389-23.407(4104-4108)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



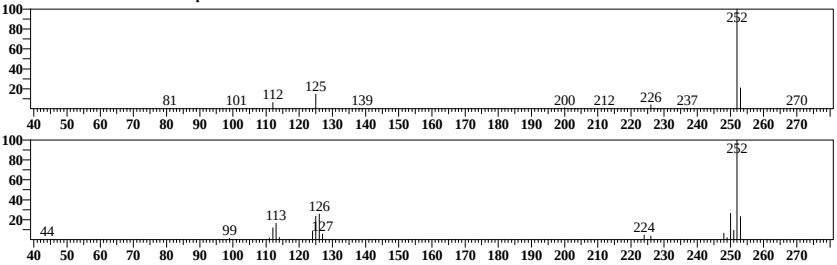
ID#:110 Name:Benzo[a]pyrene Type:Target No Manual Integration

Mass:252.00 R.T:23.817 Area:415214 Conc:29.82951ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	253.00	43330	20.93	24.52
2	125.00	29749	14.37	21.64



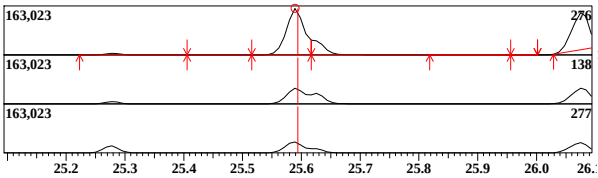
ID#:110 R.Time:23.820(Scan#:4198)
MassPeaks:19
RawMode:Averaged 23.811-23.829(4196-4200)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



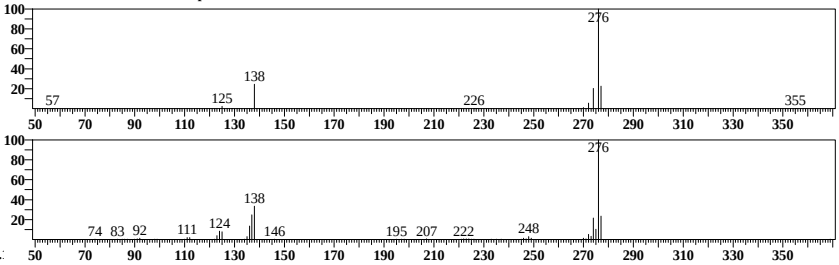
ID#:111 Name:Indeno(1,2,3-cd)pyrene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/1/2022

Mass:276.00 R.T:25.589 Area:333648 Conc:33.06035ppm
Event:2:SIM SI:94

#	m/z	Area	Ratio	Reference
1	138.00	23415	24.51	6.67
2	277.00	21530	22.54	14.17



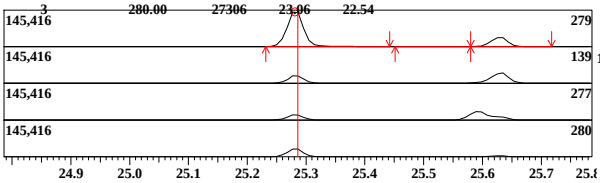
ID#:111 R.Time:25.589(Scan#:4584)
MassPeaks:12
RawMode:Averaged 25.580-25.598(4582-4586)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



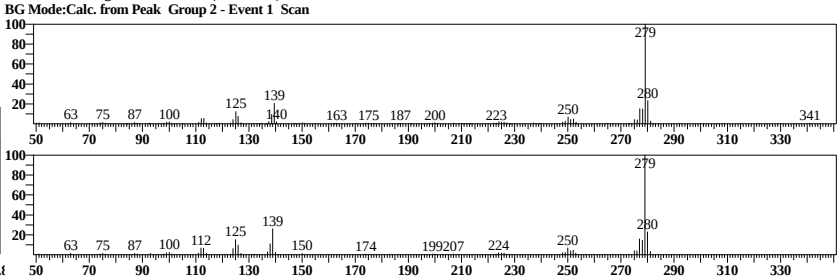
ID#:113 Name:Dibenz(a,j)Acridine Type:Target No Manual Integration

Mass:279.00 R.T:25.282 Area:287539 Conc:31.52697ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	139.00	24540	20.72	9.49
2	277.00	17854	15.07	15.01
3	280.00	27306	23.06	22.54



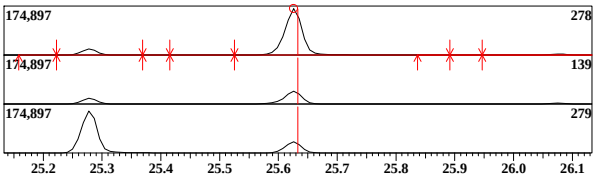
ID#:113 R.Time:25.278(Scan#:4515)
MassPeaks:96
RawMode:Averaged 25.268-25.287(4513-4517)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



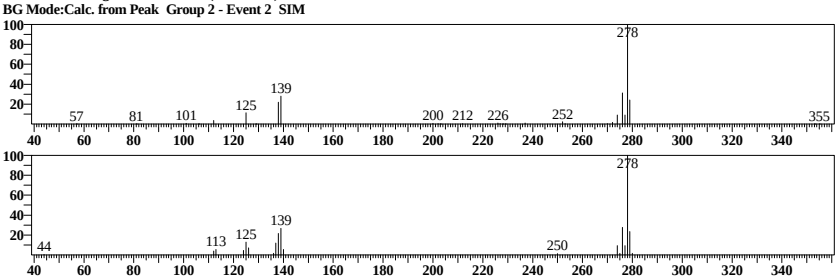
ID#:114 Name:Dibenzo[a,h]anthracene Type:Target No Manual Integration

Mass:278.00 R.T:25.626 Area:348501 Conc:32.20590ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	139.00	39380	27.98	7.75
2	279.00	34116	24.24	25.58



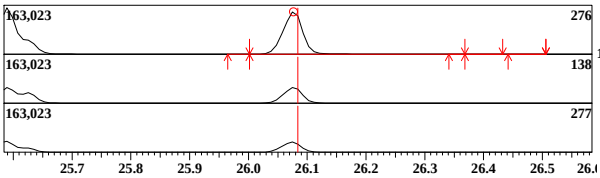
ID#:114 R.Time:25.626(Scan#:4592)
MassPeaks:29
RawMode:Averaged 25.617-25.635(4590-4594)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



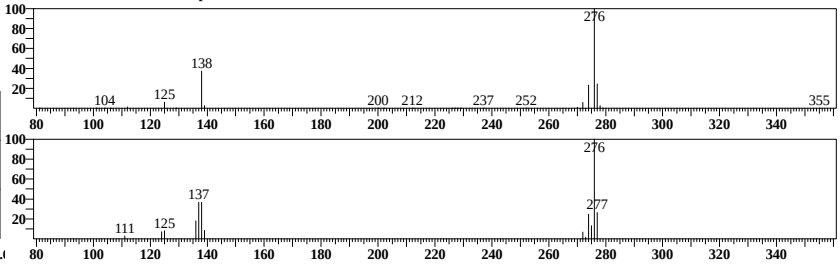
ID#:115 Name:Benzo[g,h,i]perylene Type:Target No Manual Integration

Mass:276.00 R.T:26.077 Area:338009 Conc:30.76949ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	138.00	47039	37.24	25.00
2	277.00	30670	24.28	21.09



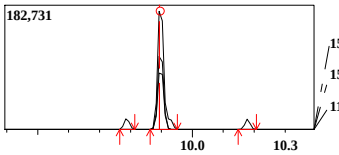
ID#:115 R.Time:26.075(Scan#:4690)
MassPeaks:26
RawMode:Averaged 26.066-26.084(4688-4692)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



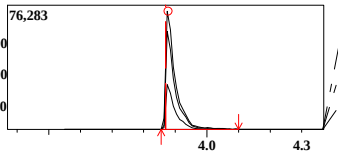
Before Manual Integrations

Analyst: CMN **Instr: J7H** **Trace Number: SVOC-BO45-F14-Y**
Method: 8270C/D/E/625.1 **Batch:**
Sample ID: A ICAL5 **Data File: C:\GCMSsolution\Data\221130H008.qgd**
Date: 11/30/2022 **Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm**
Time: 20:16:30 **Sample Name: A ICAL5**
Dilution: 1

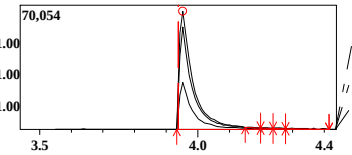
ID#:1 **Name:1,4-Dichlorobenzene-d4 (IS)**
Mass:150.00 **Type:ISTD**
R.T:9.896 **Area:264314** **Conc:40.00000ppm**



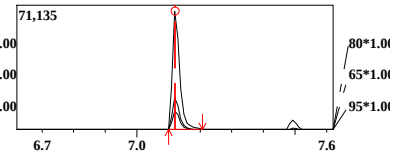
ID#:2 **Name:N-Nitrosodimethylamine**
Mass:74.00 **Type:Target**
R.T:3.878 **Area:155388** **Conc:36.83998ppm**



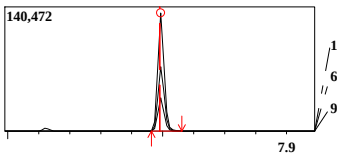
ID#:3 **Name:Pyridine**
Mass:79.00 **Type:Target**
R.T:3.953 **Area:211431** **Conc:34.11940ppm**



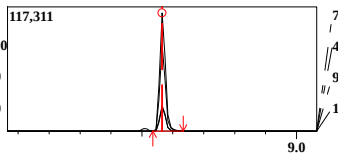
ID#:4 **Name:Methyl methanesulfonate**
Mass:80.00 **Type:Target**
R.T:7.122 **Area:109363** **Conc:32.90281ppm**



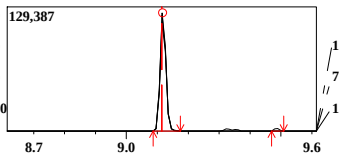
ID#:5 **Name:2-Fluorophenol**
Mass:112.00 **Type:Surrogate/SMC**
R.T:7.494 **Area:191016** **Conc:25.25038ppm**



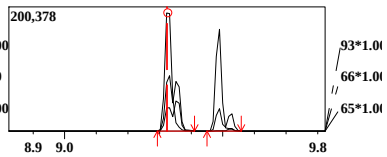
ID#:6 **Name:Ethyl methanesulfonate**
Mass:79.00 **Type:Target**
R.T:8.566 **Area:147242** **Conc:30.34743ppm**



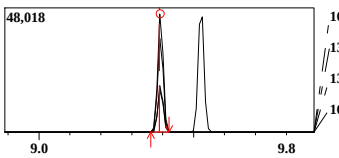
ID#:7 **Name:Benzaldehyde**
Mass:106.00 **Type:Target**
R.T:9.117 **Area:164812** **Conc:26.04873ppm**



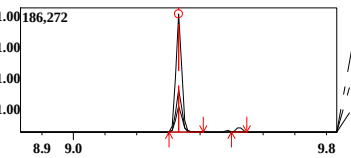
ID#:8 **Name:Aniline**
Mass:93.00 **Type:Target**
R.T:9.327 **Area:304292** **Conc:28.55368ppm**



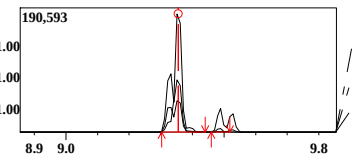
ID#:9 **Name:Pentachloroethane**
Mass:167.00 **Type:Target**
R.T:9.392 **Area:58814** **Conc:34.60426ppm**



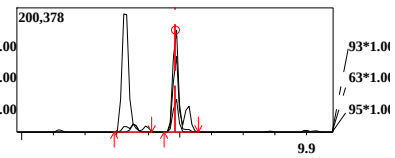
ID#:10 **Name:Phenol-d6**
Mass:99.00 **Type:Surrogate/SMC**
R.T:9.333 **Area:232774** **Conc:26.09632ppm**



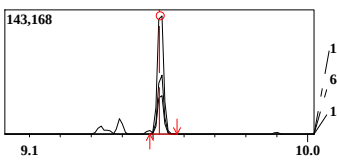
ID#:11 **Name:Phenol**
Mass:94.00 **Type:Target**
R.T:9.356 **Area:288935** **Conc:30.05331ppm**



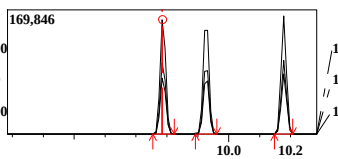
ID#:12 **Name:bis(2-Chloroethyl)Ether**
Mass:93.00 **Type:Target**
R.T:9.487 **Area:214384** **Conc:29.76001ppm**



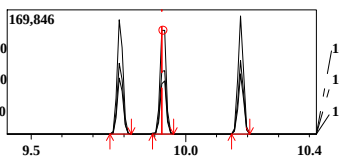
ID#:13 **Name:2-Chlorophenol**
Mass:128.00 **Type:Target**
R.T:9.524 **Area:203151** **Conc:28.24659ppm**



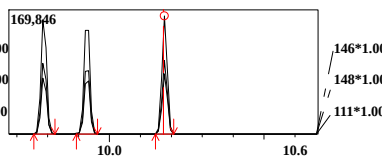
ID#:14 **Name:1,3-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.787 **Area:207329** **Conc:31.12128ppm**



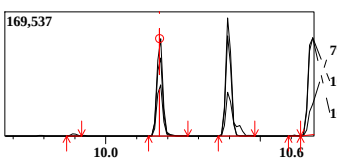
ID#:15 **Name:1,4-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.927 **Area:208954** **Conc:30.44309ppm**



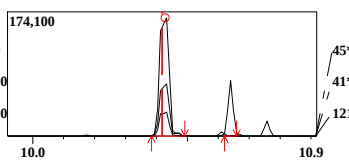
ID#:16 **Name:1,2-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:10.178 **Area:198955** **Conc:30.64312ppm**



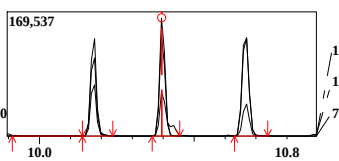
ID#:17 **Name:Benzyl Alcohol**
Mass:79.00 **Type:Target**
R.T:10.175 **Area:180279** **Conc:31.32729ppm**



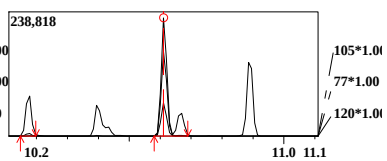
ID#:18 **Name:bis(2-Chloroisopropyl) Ether**
Mass:45.00 **Type:Target**
R.T:10.429 **Area:360305** **Conc:25.58988ppm**



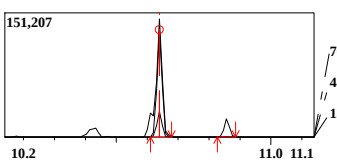
ID#:19 **Name:2-Methylphenol (o-Cresol)**
Mass:108.00 **Type:Target**
R.T:10.396 **Area:201346** **Conc:27.77045ppm**



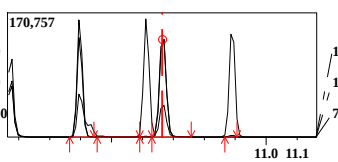
ID#:20 **Name:Acetophenone**
Mass:105.00 **Type:Target**
R.T:10.612 **Area:294570** **Conc:26.98943ppm**



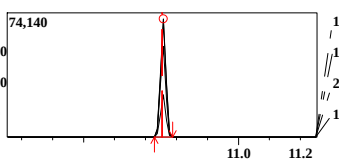
ID#:21 **Name:N-Nitrosodi-n-propylamine**
Mass:70.00 **Type:Target**
R.T:10.640 **Area:150752** **Conc:31.53050ppm**



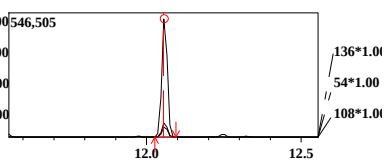
ID#:22 **Name:3+4-Methylphenol(m&p-Cresol)**
Mass:107.00 **Type:Target**
R.T:10.665 **Area:217207** **Conc:27.32814ppm**



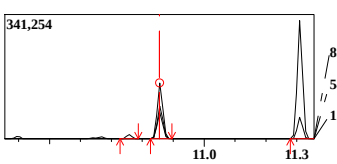
ID#:23 **Name:Hexachloroethane**
Mass:117.00 **Type:Target**
R.T:10.757 **Area:87738** **Conc:28.48779ppm**



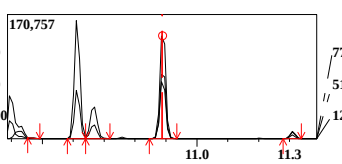
ID#:24 **Name:Naphthalene-d8 (IS)**
Mass:136.00 **Type:ISTD**
R.T:12.058 **Area:663566** **Conc:40.00000ppm**



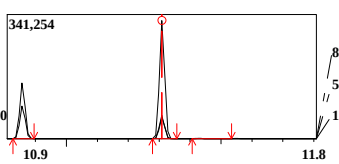
ID#:25 **Name:Nitrobenzene-d5**
Mass:82.00 **Type:Surrogate/SMC**
R.T:10.857 **Area:192243** **Conc:31.08263ppm**



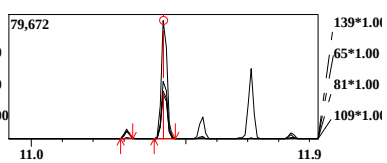
ID#:26 **Name:Nitrobenzene**
Mass:77.00 **Type:Target**
R.T:10.890 **Area:199640** **Conc:34.74896ppm**



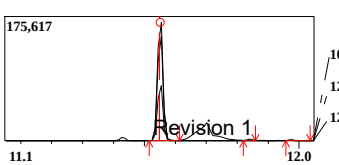
ID#:27 **Name:Isophorone**
Mass:82.00 **Type:Target**
R.T:11.309 **Area:392094** **Conc:33.15051ppm**



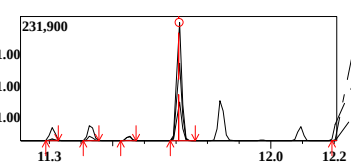
ID#:28 **Name:2-Nitrophenol**
Mass:139.00 **Type:Target**
R.T:11.429 **Area:99724** **Conc:36.80381ppm**



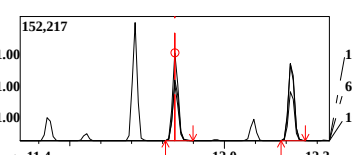
ID#:29 **Name:2,4-Dimethylphenol**
Mass:107.00 **Type:Target**
R.T:11.552 **Area:217298** **Conc:31.05686ppm**



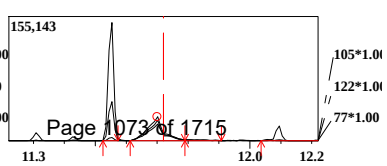
ID#:30 **Name:Bis(2-Chloroethoxy)methane**
Mass:93.00 **Type:Target**
R.T:11.711 **Area:247702** **Conc:31.77871ppm**



ID#:31 **Name:2,4-Dichlorophenol**
Mass:162.00 **Type:Target**
R.T:11.841 **Area:137517** **Conc:37.42129ppm**

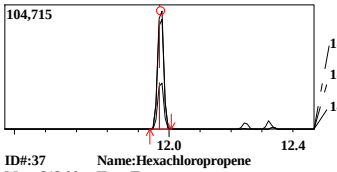


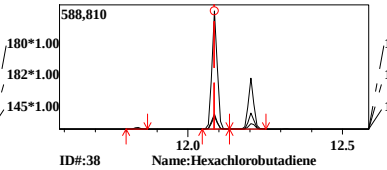
ID#:32 **Name:Benzoic Acid**
Mass:105.00 **Type:Target**
R.T:11.700 **Area:107775** **Conc:27.95297ppm**



ID#:33 Name:1,2,4-Trichlorobenzene
Mass:180.00 Type:Target

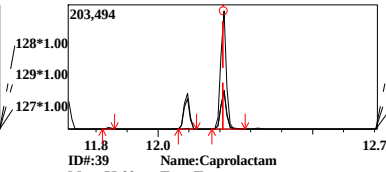
R.T:11.973 Area:141402 Conc:40.88024ppm





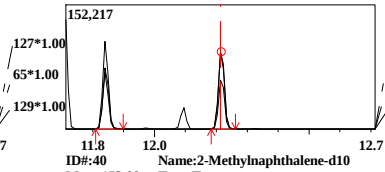
ID#:34 Name:Naphthalene
Mass:128.00 Type:Target

R.T:12.086 Area:678032 Conc:33.53251ppm



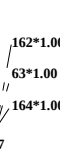
ID#:35 Name:4-Chloroaniline
Mass:127.00 Type:Target

R.T:12.212 Area:243618 Conc:29.15181ppm



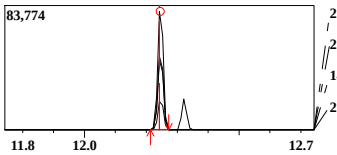
ID#:36 Name:2,6-Dichlorophenol
Mass:162.00 Type:Target

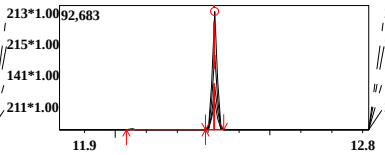
R.T:12.216 Area:131021 Conc:35.96606ppm



ID#:37 Name:Hexachloropropene
Mass:213.00 Type:Target

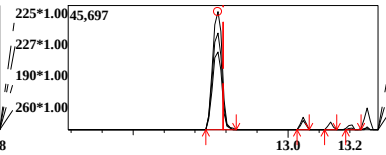
R.T:12.245 Area:103949 Conc:43.19567ppm





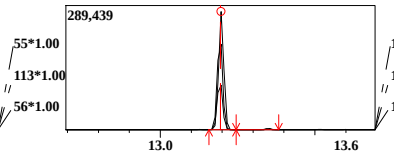
ID#:38 Name:Hexachlorobutadiene
Mass:225.00 Type:Target

R.T:12.321 Area:97178 Conc:43.15659ppm



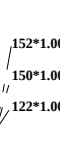
ID#:39 Name:Caprolactam
Mass:55.00 Type:Target

R.T:12.773 Area:94145 Conc:27.62058ppm



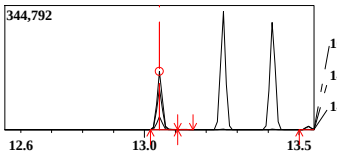
ID#:40 Name:2-Methylnaphthalene-d10
Mass:152.00 Type:Target

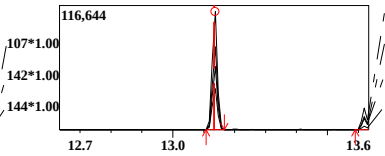
R.T:13.197 Area:326106 Conc:33.57774ppm



ID#:41 Name:4-Chloro-3-methylphenol
Mass:107.00 Type:Target

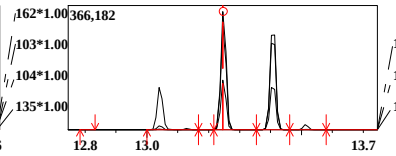
R.T:13.049 Area:197785 Conc:30.44807ppm





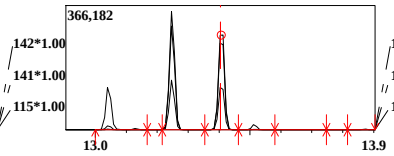
ID#:42 Name:Safrole
Mass:162.00 Type:Target

R.T:13.136 Area:130267 Conc:35.20247ppm



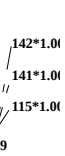
ID#:43 Name:2-Methylnaphthalene
Mass:142.00 Type:Target

R.T:13.247 Area:433424 Conc:35.58934ppm



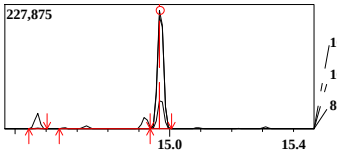
ID#:44 Name:1-Methylnaphthalene
Mass:142.00 Type:Target

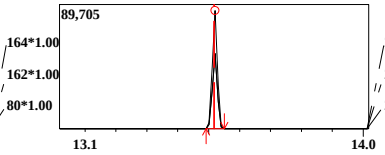
R.T:13.408 Area:405648 Conc:35.13911ppm



ID#:45 Name:Acenaphthene-d10 (IS)
Mass:164.00 Type:ISTD

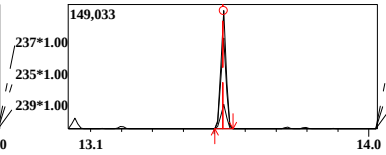
R.T:14.970 Area:308606 Conc:40.00000ppm





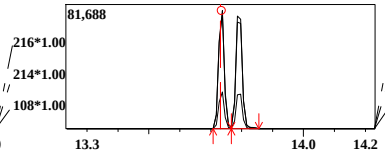
ID#:46 Name:Hexachlorocyclopentadiene
Mass:237.00 Type:Target

R.T:13.520 Area:99154 Conc:32.33613ppm



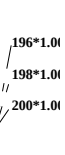
ID#:47 Name:1,2,4,5-Tetrachlorobenzene
Mass:216.00 Type:Target

R.T:13.530 Area:169118 Conc:35.15131ppm



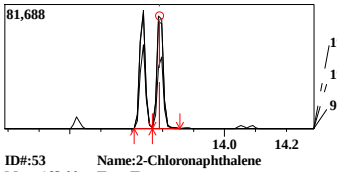
ID#:48 Name:2,4,6-Trichlorophenol
Mass:196.00 Type:Target

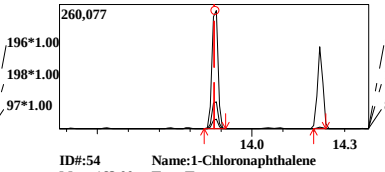
R.T:13.735 Area:100758 Conc:37.12212ppm



ID#:49 Name:2,4,5-Trichlorophenol
Mass:196.00 Type:Target

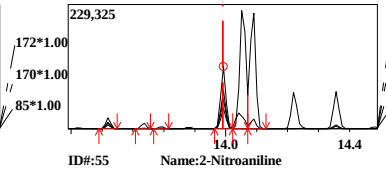
R.T:13.791 Area:110596 Conc:39.25360ppm





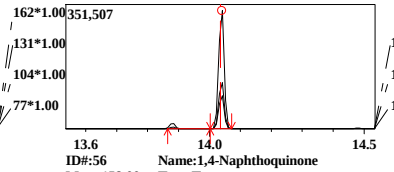
ID#:50 Name:2-Fluorobiphenyl
Mass:172.00 Type:Surrogate/SMC

R.T:13.880 Area:343295 Conc:29.82294ppm



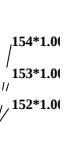
ID#:51 Name:Isosafrole
Mass:162.00 Type:Target

R.T:13.992 Area:135071 Conc:30.63291ppm



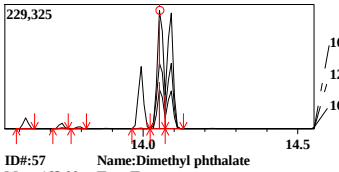
ID#:52 Name:1,1'-Biphenyl
Mass:154.00 Type:Target

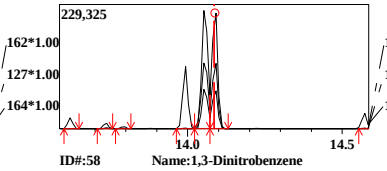
R.T:14.040 Area:422335 Conc:29.32462ppm



ID#:53 Name:2-Chloronaphthalene
Mass:162.00 Type:Target

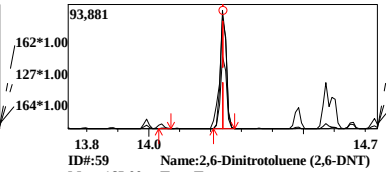
R.T:14.055 Area:319742 Conc:30.77962ppm





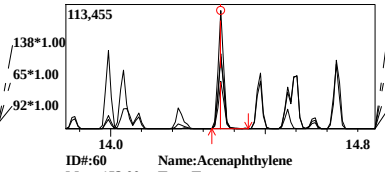
ID#:54 Name:1-Chloronaphthalene
Mass:162.00 Type:Target

R.T:14.089 Area:262409 Conc:30.59913ppm



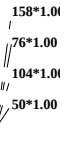
ID#:55 Name:2-Nitroaniline
Mass:138.00 Type:Target

R.T:14.241 Area:119486 Conc:29.16785ppm



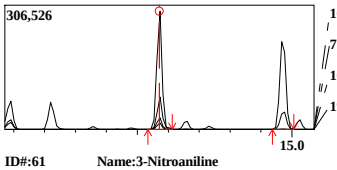
ID#:56 Name:1,4-Naphthoquinone
Mass:158.00 Type:Target

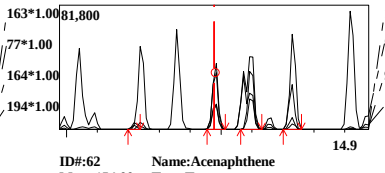
R.T:14.357 Area:135946 Conc:31.67149ppm



ID#:57 Name:Dimethyl phthalate
Mass:163.00 Type:Target

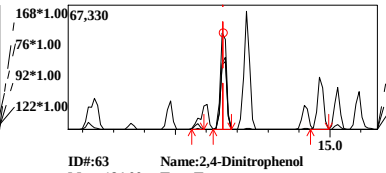
R.T:14.572 Area:342190 Conc:32.04322ppm





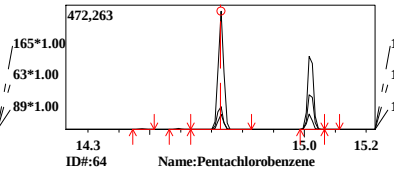
ID#:58 Name:1,3-Dinitrobenzene
Mass:168.00 Type:Target

R.T:14.482 Area:49047 Conc:37.68108ppm



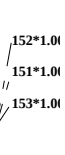
ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT)
Mass:165.00 Type:Target

R.T:14.656 Area:73867 Conc:34.49416ppm



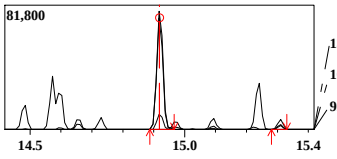
ID#:60 Name:Acenaphthylene
Mass:152.00 Type:Target

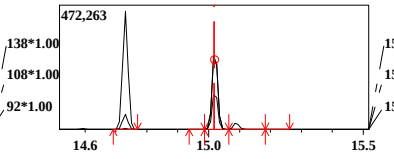
R.T:14.730 Area:559125 Conc:30.88428ppm



ID#:61 Name:3-Nitroaniline
Mass:138.00 Type:Target

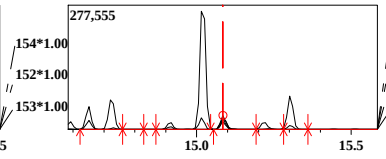
R.T:14.919 Area:102534 Conc:28.80790ppm





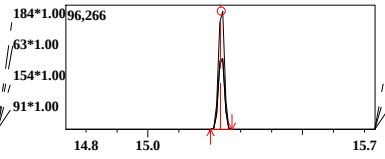
ID#:62 Name:Acenaphthene
Mass:154.00 Type:Target

R.T:15.020 Area:370453 Conc:32.98530ppm



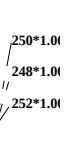
ID#:63 Name:2,4-Dinitrophenol
Mass:184.00 Type:Target

R.T:15.085 Area:40971 Conc:47.02935ppm



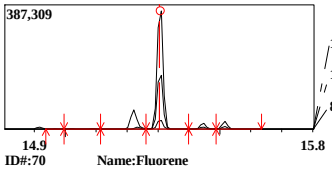
ID#:64 Name:Pentachlorobenzene
Mass:250.00 Type:Target

R.T:15.238 Area:129278 Conc:33.89189ppm



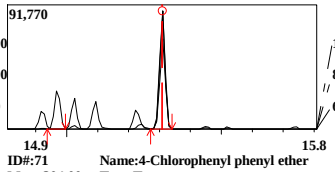
ID#:65 Name:Dibenzofuran
Mass:168.00 Type:Target

R.T:15.307 Area:511119 Conc:35.28618ppm



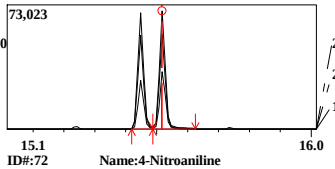
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT)
Mass:165.00 Type:Target

R.T:15.309 Area:108276 Conc:35.58248ppm



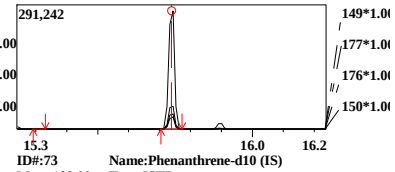
ID#:68 Name:2,3,4,6-Tetrachlorophenol
Mass:232.00 Type:Target

R.T:15.518 Area:94267 Conc:37.90897ppm



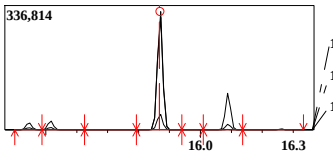
ID#:69 Name:Diethyl phthalate
Mass:149.00 Type:Target

R.T:15.740 Area:373667 Conc:30.58233ppm



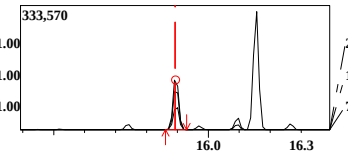
ID#:70 Name:Fluorene
Mass:166.00 Type:Target

R.T:15.870 Area:398404 Conc:34.63636ppm



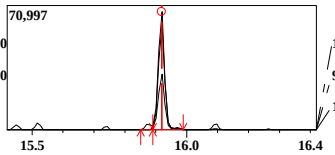
ID#:71 Name:4-Chlorophenyl phenyl ether
Mass:204.00 Type:Target

R.T:15.894 Area:185244 Conc:36.46119ppm



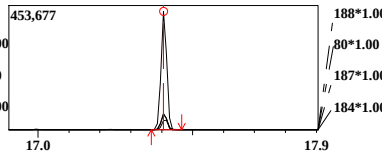
ID#:72 Name:4-Nitroaniline
Mass:138.00 Type:Target

R.T:15.919 Area:95428 Conc:27.72622ppm



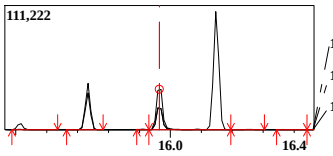
ID#:73 Name:Phenanthrene-d10 (IS)
Mass:188.00 Type:ISTD

R.T:17.406 Area:562686 Conc:40.00000ppm



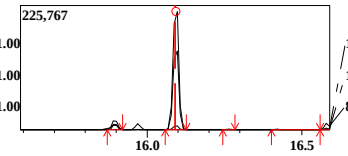
ID#:74 Name:4,6-Dinitro-2-methylphenol
Mass:198.00 Type:Target

R.T:15.965 Area:55589 Conc:43.35770ppm



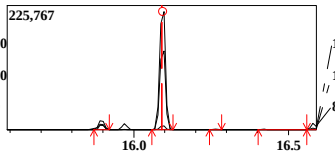
ID#:75 Name:N-Nitrosodiphenylamine
Mass:169.00 Type:Target

R.T:16.093 Area:294166 Conc:29.48112ppm



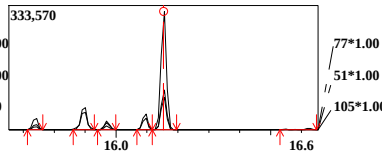
ID#:76 Name:Diphenylamine
Mass:169.00 Type:Target

R.T:16.093 Area:294166 Conc:29.48112ppm



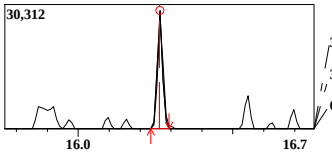
ID#:77 Name:1,2-Diphenylhydrazine
Mass:77.00 Type:Target

R.T:16.155 Area:394908 Conc:26.31390ppm



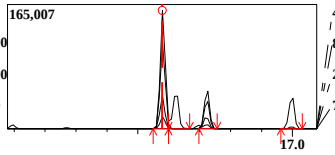
ID#:78 Name:2,4,6-Tribromophenol
Mass:330.00 Type:Surrogate/SMC

R.T:16.264 Area:34383 Conc:23.52135ppm



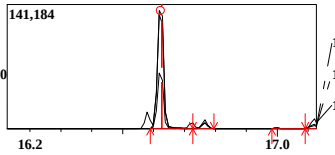
ID#:79 Name:(cis/trans)-Diallate
Mass:43.00 Type:Target

R.T:16.580 Area:183784 Conc:20.05795ppm



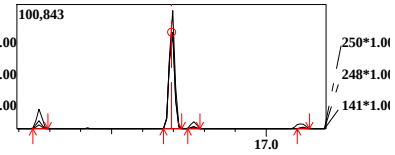
ID#:80 Name:Phenacetin
Mass:108.00 Type:Target

R.T:16.623 Area:198933 Conc:23.18295ppm



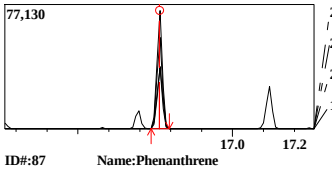
ID#:81 Name:4-Bromophenyl phenyl ether
Mass:250.00 Type:Target

R.T:16.695 Area:98595 Conc:30.90936ppm



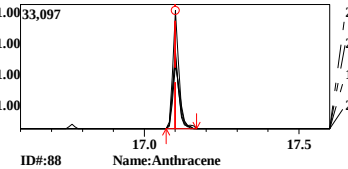
ID#:82 Name:Hexachlorobenzene
Mass:284.00 Type:Target

R.T:16.765 Area:89758 Conc:26.63882ppm



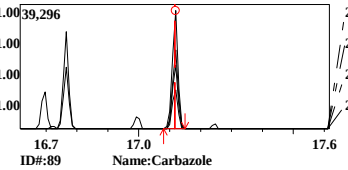
ID#:84 Name:Pentachlorophenol
Mass:266.00 Type:Target

R.T:17.101 Area:44172 Conc:26.73235ppm



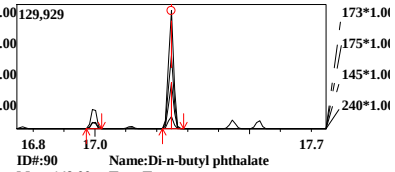
ID#:85 Name:Pentachloronitrobenzene
Mass:237.00 Type:Target

R.T:17.118 Area:48209 Conc:33.54317ppm



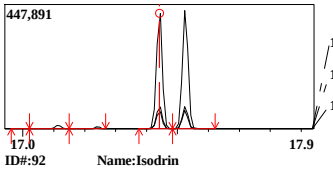
ID#:86 Name:Pronamide (Kerb)
Mass:173.00 Type:Target

R.T:17.247 Area:147266 Conc:31.05663ppm



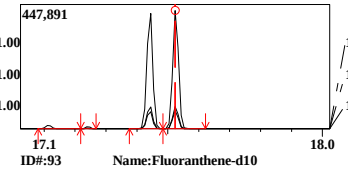
ID#:87 Name:Phenanthrene
Mass:178.00 Type:Target

R.T:17.442 Area:563710 Conc:32.82362ppm



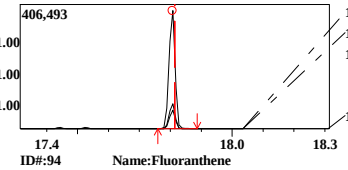
ID#:88 Name:Anthracene
Mass:178.00 Type:Target

R.T:17.525 Area:566540 Conc:33.00595ppm



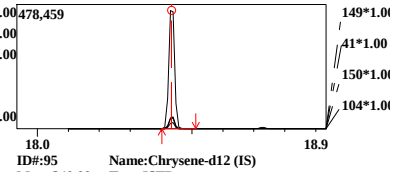
ID#:89 Name:Carbazole
Mass:167.00 Type:Target

R.T:17.806 Area:528082 Conc:32.12172ppm



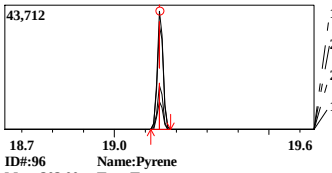
ID#:90 Name:Di-n-butyl phthalate
Mass:149.00 Type:Target

R.T:18.434 Area:626207 Conc:29.23742ppm



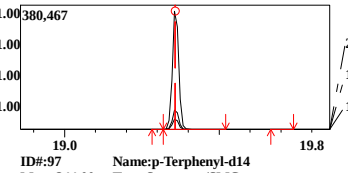
ID#:92 Name:Isodrin
Mass:193.00 Type:Target

R.T:19.147 Area:56328 Conc:33.15317ppm



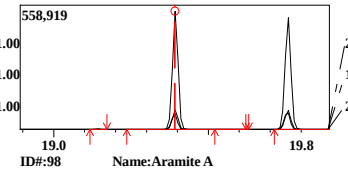
ID#:93 Name:Fluoranthene-d10
Mass:212.00 Type:Target

R.T:19.358 Area:532990 Conc:31.96171ppm



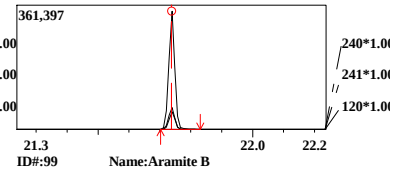
ID#:94 Name:Fluoranthene
Mass:202.00 Type:Target

R.T:19.393 Area:672374 Conc:35.65041ppm



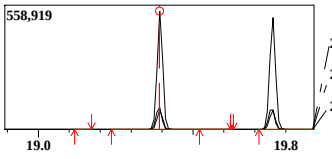
ID#:95 Name:Chrysene-d12 (IS)
Mass:240.00 Type:ISTD

R.T:21.739 Area:469649 Conc:40.00000ppm



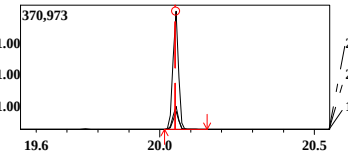
ID#:96 Name:Pyrene
Mass:202.00 Type:Target

R.T:19.393 Area:672374 Conc:36.10543ppm



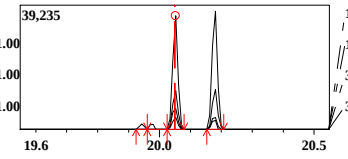
ID#:97 Name:p-Terphenyl-d14
Mass:244.00 Type:Surrogate/SMC

R.T:20.051 Area:439084 Conc:30.02797ppm



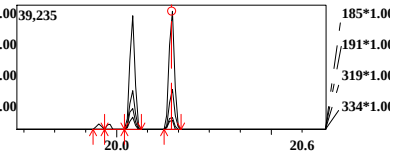
ID#:98 Name:Aramite A
Mass:185.00 Type:Target

R.T:20.051 Area:42165 Conc:18.20791ppm



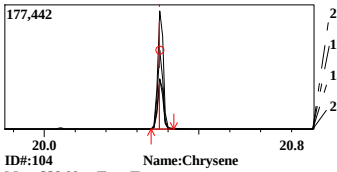
ID#:99 Name:Aramite B
Mass:185.00 Type:Target

R.T:20.179 Area:45634 Conc:17.76643ppm



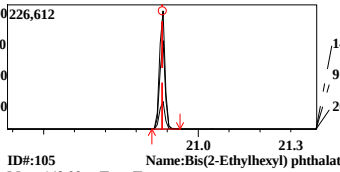
ID#:100 Name:Chlorobenzilate
Mass:251.00 Type:Target

R.T:20.374 Area:136000 Conc:32.74085ppm



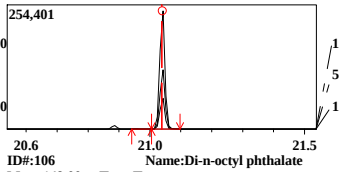
ID#:101 Name:Butyl benzyl phthalate
Mass:149.00 Type:Target

R.T:20.884 Area:263593 Conc:31.48066ppm



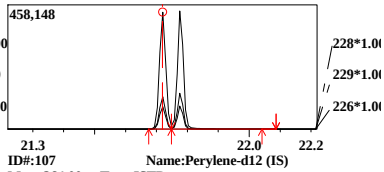
ID#:102 Name:Di(2-ethylhexyl) adipate
Mass:129.00 Type:Target

R.T:21.041 Area:280881 Conc:27.03565ppm



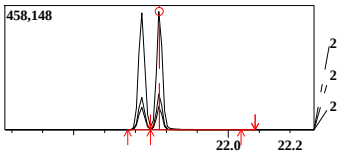
ID#:103 Name:Benzo[a]anthracene
Mass:228.00 Type:Target

R.T:21.720 Area:615462 Conc:32.55669ppm



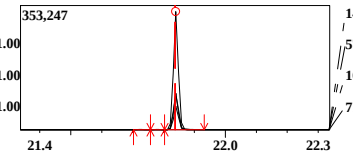
ID#:104 Name:Chrysene
Mass:228.00 Type:Target

R.T:21.777 Area:605557 Conc:35.14816ppm



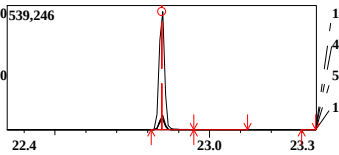
ID#:105 Name:Bis(2-Ethylhexyl) phthalate
Mass:149.00 Type:Target

R.T:21.840 Area:387048 Conc:31.30173ppm



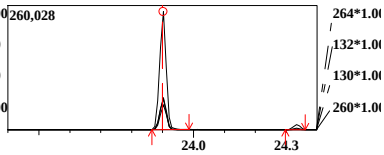
ID#:106 Name:Di-n-octyl phthalate
Mass:149.00 Type:Target

R.T:22.846 Area:641356 Conc:30.99186ppm



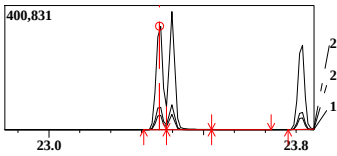
ID#:107 Name:Perylene-d12 (IS)
Mass:264.00 Type:ISTD

R.T:23.901 Area:359618 Conc:40.00000ppm



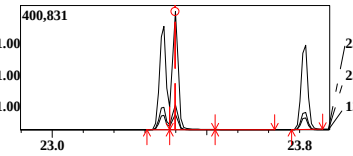
ID#:108 Name:Benzo[b]fluoranthene
Mass:252.00 Type:Target

R.T:23.358 Area:541591 Conc:34.75212ppm



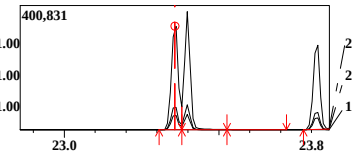
ID#:109 Name:Benzo[k]fluoranthene
Mass:252.00 Type:Target

R.T:23.398 Area:483734 Conc:34.38895ppm



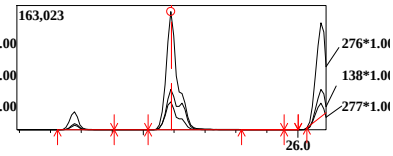
ID#:110 Name:Benzo[a]pyrene
Mass:252.00 Type:Target

R.T:23.358 Area:541591 Conc:44.98084ppm



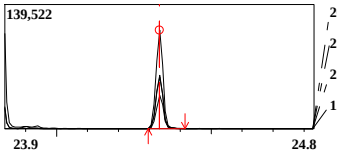
ID#:111 Name:Indeno(1,2,3-cd)pyrene
Mass:276.00 Type:Target

R.T:25.589 Area:401335 Conc:40.66207ppm



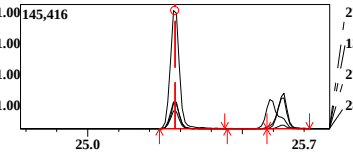
ID#:112 Name:3-Methylcholanthrene
Mass:268.00 Type:Target

R.T:24.333 Area:175920 Conc:26.88116ppm



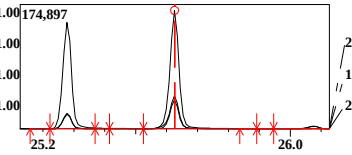
ID#:113 Name:Dibenz(a,j)Acridine
Mass:279.00 Type:Target

R.T:25.282 Area:287539 Conc:30.77178ppm



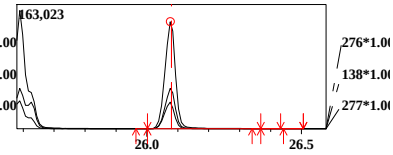
ID#:114 Name:Dibenzo[a,h]anthracene
Mass:278.00 Type:Target

R.T:25.626 Area:348501 Conc:33.05701ppm



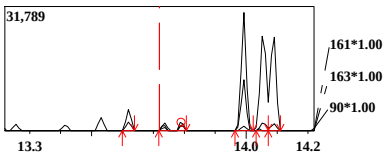
ID#:115 Name:Benzo[g,h,i]perylene
Mass:276.00 Type:Target

R.T:26.077 Area:338009 Conc:32.46062ppm



ID#:128 Name:2,3-Dichloroaniline
Mass:161.00 Type:Target

R.T:13.790 Area:3801 Conc:0.71138ppm



Analyst: CMN Instrument: J7H Trace Number: SVOC-BO45-F14-Y
Method: 8270C/D/E/625.1 Batch:
Sample ID: A ICAL6 Data File: C:\GCMSsolution\Data\221130H009.qgd
Date: 11/30/2022 Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm
Time: 20:57:16 Sample Name: A ICAL6
Dilution: 1

Internal Standard

ID#	Name	Mass	Time	Area	Conc.
1	1,4-Dichlorobenzene-d4 (IS)	150.00	9.90	254376	40.00
24	Naphthalene-d8 (IS)	136.00	12.06	622621	40.00
45	Acenaphthene-d10 (IS)	164.00	14.97	290421	40.00
73	Phenanthrene-d10 (IS)	188.00	17.41	521421	40.00
95	Chrysene-d12 (IS)	240.00	21.74	445785	40.00
107	Perylene-d12 (IS)	264.00	23.90	341417	40.00

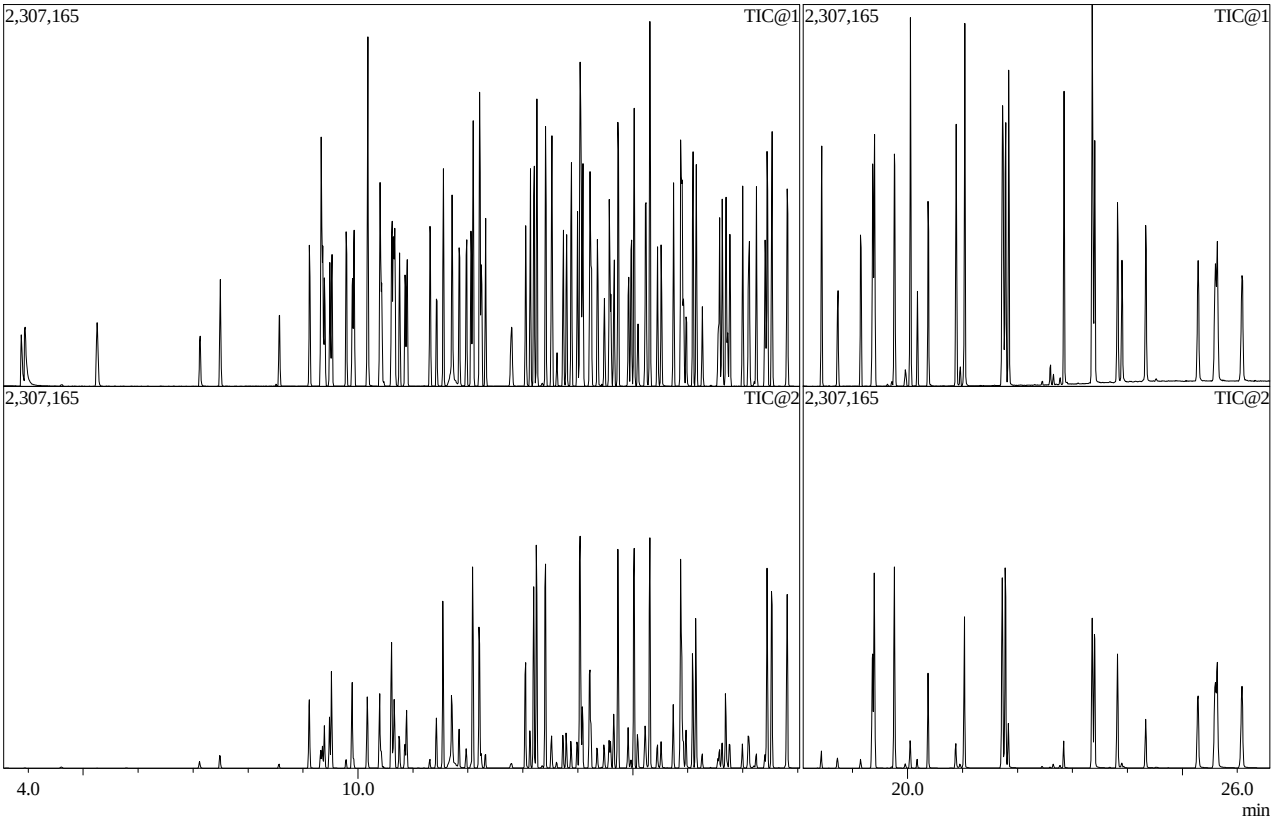
Surrogate

ID#	Name	Mass	Time	Area	Conc.
5	2-Fluorophenol	112.00	7.49	309760	51.32
10	Phenol-d6	99.00	9.33	379078	52.39
25	Nitrobenzene-d5	82.00	10.86	310855	53.65
50	2-Fluorobiphenyl	172.00	13.88	554226	52.63
78	2,4,6-Tribromophenol	330.00	16.27	59585	50.11
97	p-Terphenyl-d14	244.00	20.05	699819	52.75

Target

ID#	Name	Mass	Time	Area	Conc.
2	N-Nitrosodimethylamine	74.00	3.87	274864	55.73
3	Pyridine	79.00	3.94	355806	52.13
4	Methyl methanesulfonate	80.00	7.13	176392	52.00
6	Ethyl methanesulfonate	79.00	8.57	237926	51.93
7	Benzaldehyde	106.00	9.12	264837	52.14
8	Aniline	93.00	9.33	493095	51.49
9	Pentachloroethane	167.00	9.39	94625	50.55
11	Phenol	94.00	9.36	468745	52.19
12	bis(2-Chloroethyl)Ether	93.00	9.49	339801	50.67
13	2-Chlorophenol	128.00	9.53	324639	51.03
14	1,3-Dichlorobenzene	146.00	9.79	324796	49.88
15	1,4-Dichlorobenzene	146.00	9.93	342429	51.42
16	1,2-Dichlorobenzene	146.00	10.18	325717	50.78
17	Benzyl Alcohol	79.00	10.18	293228	52.46
18	bis(2-Chloroisopropyl) Ether	45.00	10.43	589491	50.77
19	2-Methylphenol (o-Cresol)	108.00	10.40	326943	51.57
20	Acetophenone	105.00	10.62	478935	51.37
21	N-Nitrosodi-n-propylamine	70.00	10.64	247976	51.74
22	3+4-Methylphenol(m&p-Cresol)	107.00	10.67	354811	52.16
23	Hexachloroethane	117.00	10.76	142869	50.88
26	Nitrobenzene	77.00	10.89	326860	53.65
27	Isophorone	82.00	11.31	640531	53.38
28	2-Nitrophenol	139.00	11.43	166845	55.87
29	2,4-Dimethylphenol	107.00	11.55	354640	54.40
30	Bis(2-Chloroethoxy)methane	93.00	11.71	409570	53.79
31	2,4-Dichlorophenol	162.00	11.84	222218	54.50
32	Benzoic Acid	105.00	11.73	209813	50.94
33	1,2,4-Trichlorobenzene	180.00	11.97	230695	53.45
34	Naphthalene	128.00	12.09	1107093	51.96
35	4-Chloroaniline	127.00	12.21	408095	54.51
36	2,6-Dichlorophenol	162.00	12.22	215952	53.85
37	Hexachloropropene	213.00	12.25	169843	53.75
38	Hexachlorobutadiene	225.00	12.32	155556	52.48
39	Caprolactam	55.00	12.80	151732	53.95
40	2-Methylnaphthalene-d10	152.00	13.20	524133	52.95
41	4-Chloro-3-methylphenol	107.00	13.05	322131	54.15
42	Safrole	162.00	13.14	212049	53.27
43	2-Methylnaphthalene	142.00	13.25	692810	51.02
44	1-Methylnaphthalene	142.00	13.41	650185	50.48
46	Hexachlorocyclopentadiene	237.00	13.52	165693	51.03
47	1,2,4,5-Tetrachlorobenzene	216.00	13.53	276705	53.51
48	2,4,6-Trichlorophenol	196.00	13.74	163204	53.37
49	2,4,5-Trichlorophenol	196.00	13.79	177070	53.14
51	Isosafrole	162.00	13.99	222994	53.94
52	1,1'-Biphenyl	154.00	14.04	692210	52.83
53	2-Chloronaphthalene	162.00	14.06	517911	50.95
54	1-Chloronaphthalene	162.00	14.09	441961	55.54
55	2-Nitroaniline	138.00	14.24	198593	54.27
56	1,4-Naphthoquinone	158.00	14.36	214542	53.05
57	Dimethyl phthalate	163.00	14.57	560676	52.96
58	1,3-Dinitrobenzene	168.00	14.48	82648	51.44

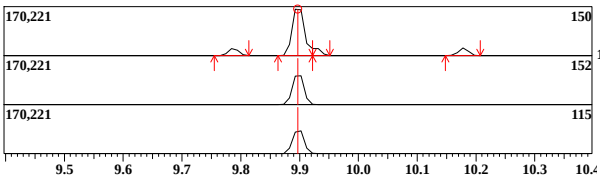
ID#	Name	Mass	Time	Area	Conc.
59	2,6-Dinitrotoluene (2,6-DNT)	165.00	14.66	120690	53.17
60	Acenaphthylene	152.00	14.73	908302	51.14
61	3-Nitroaniline	138.00	14.92	164134	53.89
62	Acenaphthene	154.00	15.02	592745	50.29
63	2,4-Dinitrophenol	184.00	15.09	71560	52.24
64	Pentachlorobenzene	250.00	15.24	212126	53.07
65	Dibenzofuran	168.00	15.31	820920	51.51
66	2,4-Dinitrotoluene (2,4-DNT)	165.00	15.31	176321	53.84
67	4-Nitrophenol	65.00	15.23	123634	51.35
68	2,3,4,6-Tetrachlorophenol	232.00	15.52	153772	54.57
69	Diethyl phthalate	149.00	15.74	609253	52.83
70	Fluorene	166.00	15.87	643289	50.20
71	4-Chlorophenyl phenyl ether	204.00	15.90	298968	52.40
72	4-Nitroaniline	138.00	15.92	153290	54.07
74	4,6-Dinitro-2-methylphenol	198.00	15.97	92069	50.95
75	N-Nitrosodiphenylamine	169.00	16.10	480125	53.22
76	Diphenylamine	169.00	16.10	480125	53.22
77	1,2-Diphenylhydrazine	77.00	16.16	644330	53.35
79	(cis/trans)-Diallate	43.00	16.58	303991	53.34
80	Phenacetin	108.00	16.63	325413	54.96
81	4-Bromophenyl phenyl ether	250.00	16.70	160089	53.47
82	Hexachlorobenzene	284.00	16.77	145034	53.15
83	Atrazine	200.00	17.00	159241	52.78
84	Pentachlorophenol	266.00	17.10	77667	50.77
85	Pentachloronitrobenzene	237.00	17.12	78054	54.78
86	Pronamide (Kerb)	173.00	17.25	237631	53.86
87	Phenanthrene	178.00	17.44	892166	51.39
88	Anthracene	178.00	17.53	919233	50.89
89	Carbazole	167.00	17.81	824291	51.27
90	Di-n-butyl phthalate	149.00	18.44	999225	52.70
91	4-Nitroquinoline-N-Oxide	190.00	18.73	68062	50.65
92	Isodrin	193.00	19.15	91253	53.18
93	Fluoranthene-d10	212.00	19.36	847514	52.41
94	Fluoranthene	202.00	19.40	1063144	49.94
96	Pyrene	202.00	19.76	1075276	51.35
98	Aramite A	185.00	20.05	69620	25.40
99	Aramite B	185.00	20.18	73561	27.64
100	Chlorobenzilate	251.00	20.38	227243	55.43
101	Butyl benzyl phthalate	149.00	20.89	432398	54.47
102	Di(2-ethylhexyl) adipate	129.00	21.04	468807	54.85
103	Benzo[a]anthracene	228.00	21.72	993419	52.63
104	Chrysene	228.00	21.78	937515	49.77
105	Bis(2-Ethylhexyl) phthalate	149.00	21.84	638978	54.86
106	Di-n-octyl phthalate	149.00	22.85	1063018	54.67
108	Benzo[b]fluoranthene	252.00	23.36	870264	51.48
109	Benzo[k]fluoranthene	252.00	23.40	830699	51.56
110	Benzo[a]pyrene	252.00	23.82	690960	52.29
111	Indeno(1,2,3-cd)pyrene	276.00	25.59	568428	54.62
112	3-Methylcholanthrene	268.00	-	---	N.D.
113	Dibenz(a,j)Acridine	279.00	25.29	470681	54.36
114	Dibenzo[a,h]anthracene	278.00	25.63	568466	52.44
115	Benzo[g,h,i]perylene	276.00	26.08	547403	52.49
116	2-Picoline (2-Methylpyridine)	93.00	-	---	N.D.(Peak)
117	N-Nitrosomethylethylamine	88.00	-	---	N.D.(Peak)
118	N-Nitrosodiethylamine	102.00	-	---	N.D.(Peak)
119	n-Decane	57.00	-	---	N.D.(Ref)
120	N-Nitrosopyrrolidine	100.00	-	---	N.D.(Peak)
121	N-Nitrosomorpholine	56.00	-	---	N.D.(Ref)
122	o-Toluidine	106.00	-	---	N.D.(Ref)
123	N-Nitrosopiperidine	114.00	-	---	N.D.(Peak)
124	a,a-Dimethylphenethylamine	58.00	-	---	N.D.(Peak)
125	Alpha-Terpineol	59.00	-	---	N.D.(Ref)
126	p-Phenylenediamine	108.00	-	---	N.D.(Ref)
127	N-Nitrosodi-n-butylamine	84.00	-	---	N.D.(Ref)
128	2,3-Dichloroaniline	161.00	-	---	N.D.
129	1-Naphthylamine	143.00	-	---	N.D.(Ref)
130	2-Naphthylamine	143.00	-	---	N.D.(Ref)
131	5-Nitro-o-Toluidine	152.00	-	---	N.D.(Ref)
132	4-Aminobiphenyl	169.00	-	---	N.D.(Ref)
133	n-Octadecane	57.00	-	---	N.D.(Ref)
134	Benzidine	184.00	-	---	N.D.(Ref)
135	4-Dimethyl aminoazobenzene	120.00	-	---	N.D.(Ref)
136	3,3'-Dimethylbenzidine	212.00	-	---	N.D.(Ref)
137	2-Acetylaminofluorene	181.00	-	---	N.D.(Peak)
138	3,3`-Dichlorobenzidine	252.00	-	---	N.D.(Peak)
139	7,12-Dimethylbenz[a]anthracene	256.00	-	---	N.D.(Ref)


2,307,165
TIC@1
2,307,165
TIC@1
2,307,165
TIC@2
2,307,165
TIC@2
4.0
10.0
20.0
26.0
min

ID#:1 Name:1,4-Dichlorobenzene-d4 (IS) Type:ISTD Manual Integration Performed
Manual Reason: Split peak. CMN 12/1/2022

Mass:150.00 R.T:9.897 Area:254376 Conc:40.00000ppm
Event:1:Scan SI:98

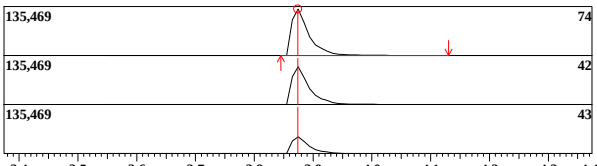
#	m/z	Area	Ratio	Reference
1	152.00	73933	68.61	65.66
2	115.00	57035	52.93	48.88



ID#:2 Name:N-Nitrosodimethylamine Type:Target Manual Integration Performed
Manual Reason: Baseline smoothing. CMN 12/1/2022

Mass:74.00 R.T:3.874 Area:274864 Conc:55.72546ppm
Event:1:Scan SI:96

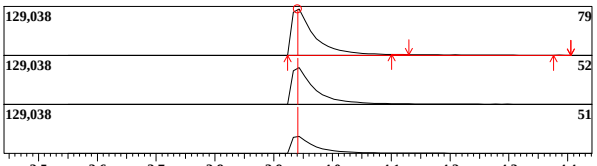
#	m/z	Area	Ratio	Reference
1	42.00	85915	80.30	72.10
2	43.00	38296	35.79	38.30



ID#:3 Name:Pyridine Type:Target No Manual Integration

Mass:79.00 R.T:3.941 Area:355806 Conc:52.12893ppm
Event:1:Scan SI:98

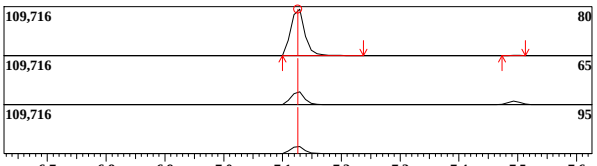
#	m/z	Area	Ratio	Reference
1	52.00	86863	78.90	80.35
2	51.00	40715	36.98	37.95



ID#:4 Name:Methyl methanesulfonate Type:Target No Manual Integration

Mass:80.00 R.T:7.126 Area:176392 Conc:52.00370ppm
Event:1:Scan SI:98

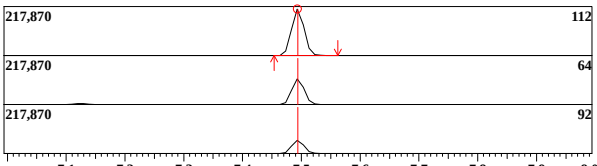
#	m/z	Area	Ratio	Reference
1	65.00	22023	27.51	35.13
2	95.00	12404	15.49	18.43



ID#:5 Name:2-Fluorophenol Type:Surrogate/SMC No Manual Integration

Mass:112.00 R.T:7.494 Area:309760 Conc:51.31640ppm
Event:1:Scan SI:85

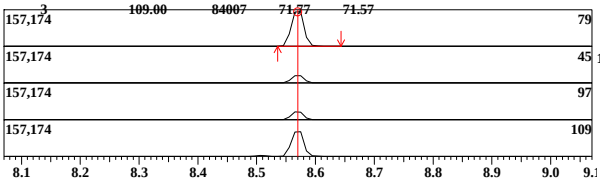
#	m/z	Area	Ratio	Reference
1	64.00	85061	55.34	72.76
2	92.00	43512	28.31	26.11



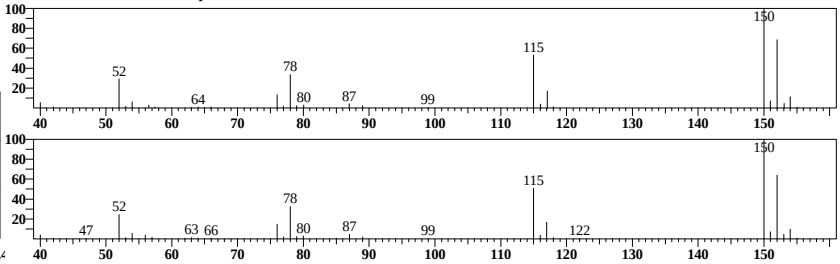
ID#:6 Name:Ethyl methanesulfonate Type:Target No Manual Integration

Mass:79.00 R.T:8.570 Area:237926 Conc:51.92991ppm
Event:1:Scan SI:98

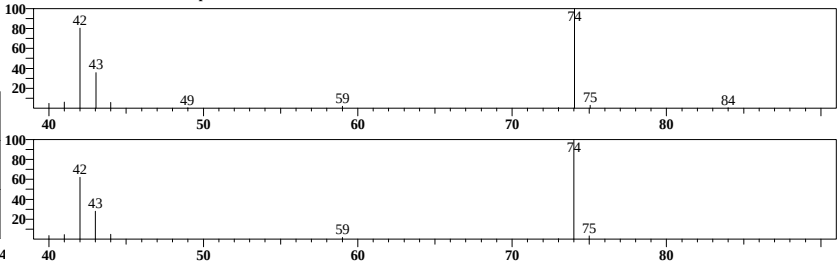
#	m/z	Area	Ratio	Reference
1	45.00	24597	21.01	17.15
2	97.00	26114	22.31	24.70
3	109.00	84007	71.77	71.57



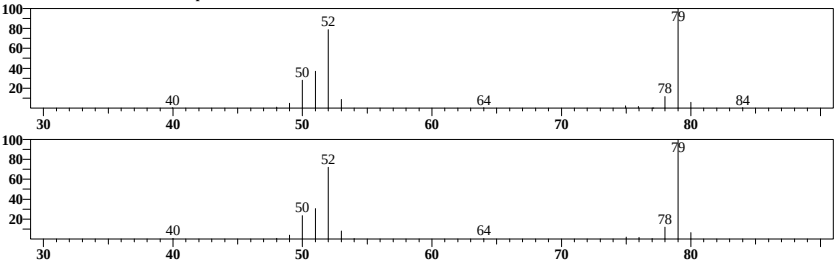
ID#:1 R.Time:9.893(Scan#:1291)
MassPeaks:29
RawMode:Averaged 9.883-9.902(1289-1293)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



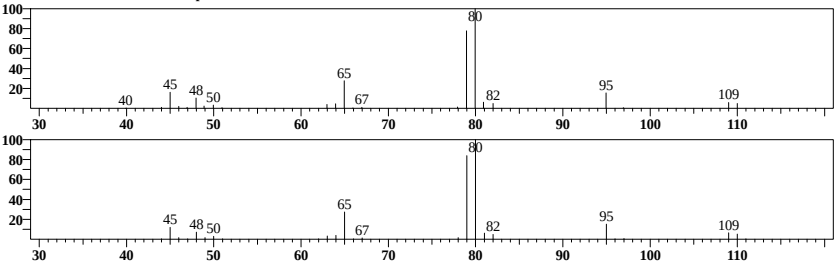
ID#:2 R.Time:3.874(Scan#:67)
MassPeaks:11
RawMode:Averaged 3.865-3.884(65-69)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



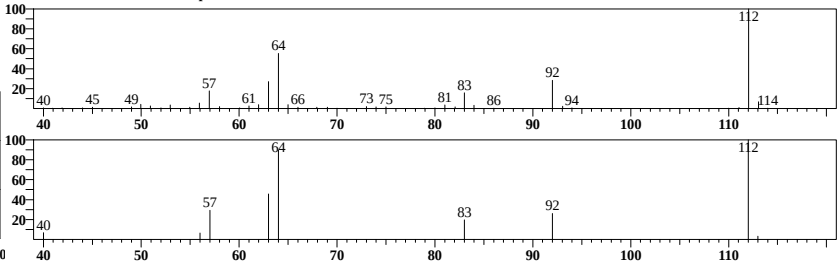
ID#:3 R.Time:3.943(Scan#:81)
MassPeaks:15
RawMode:Averaged 3.934-3.953(79-83)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



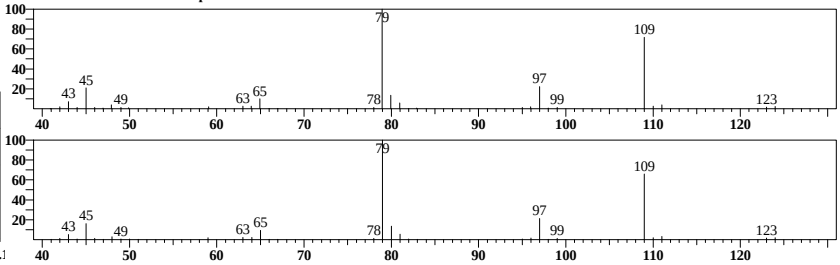
ID#:4 R.Time:7.129(Scan#:729)
MassPeaks:23
RawMode:Averaged 7.120-7.139(727-731)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:5 R.Time:7.493(Scan#:803)
MassPeaks:48
RawMode:Averaged 7.483-7.503(801-805)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



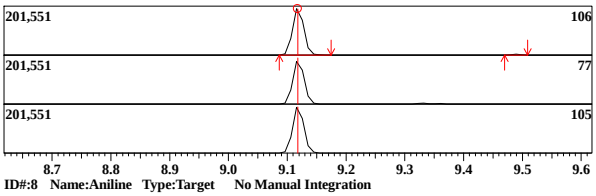
ID#:6 R.Time:8.565(Scan#:1021)
MassPeaks:32
RawMode:Averaged 8.555-8.575(1019-1023)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:7 Name:Benzaldehyde Type:Target No Manual Integration

Mass:106.00 R.T:9.118 Area:264837 Conc:52.14438ppm
Event:1:Scan SI:98

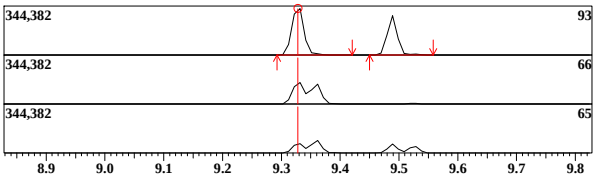
#	m/z	Area	Ratio	Reference
1	77.00	125100	92.56	85.00
2	105.00	132044	97.69	96.78



ID#:8 Name:Aniline Type:Target No Manual Integration

Mass:93.00 R.T:9.328 Area:493095 Conc:51.48731ppm
Event:1:Scan SI:69

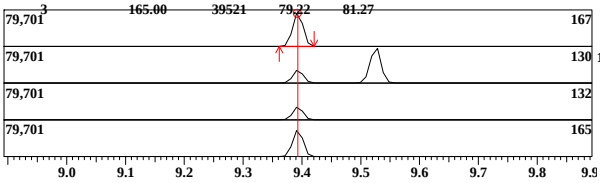
#	m/z	Area	Ratio	Reference
1	66.00	116479	48.43	46.22
2	65.00	51423	21.38	22.48



ID#:9 Name:Pentachloroethane Type:Target No Manual Integration

Mass:167.00 R.T:9.393 Area:94625 Conc:50.55190ppm
Event:1:Scan SI:98

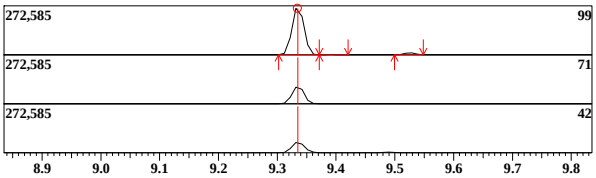
#	m/z	Area	Ratio	Reference
1	130.00	18843	37.77	38.70
2	132.00	18614	37.31	34.68
3	165.00	39521	79.22	81.27



ID#:10 Name:Phenol-d6 Type:Surrogate/SMC No Manual Integration

Mass:99.00 R.T:9.335 Area:379078 Conc:52.39240ppm
Event:1:Scan SI:67

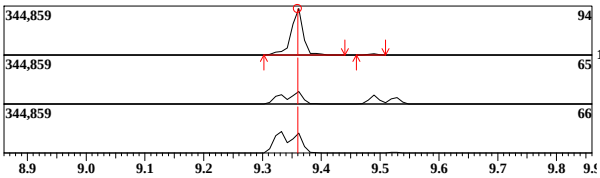
#	m/z	Area	Ratio	Reference
1	71.00	69749	36.84	35.02
2	42.00	42865	22.64	16.82



ID#:11 Name:Phenol Type:Target No Manual Integration

Mass:94.00 R.T:9.360 Area:468745 Conc:52.19269ppm
Event:1:Scan SI:96

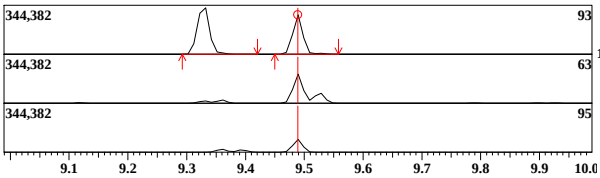
#	m/z	Area	Ratio	Reference
1	65.00	59563	27.36	31.65
2	66.00	95312	43.78	40.72



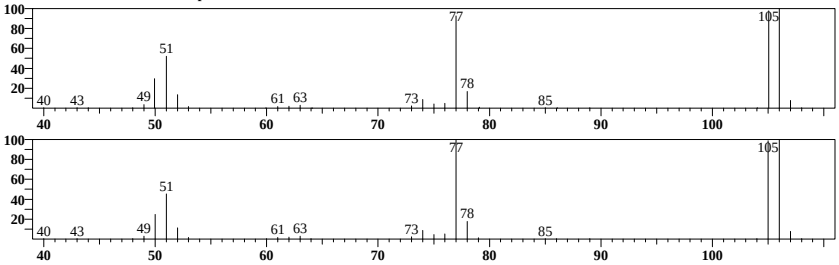
ID#:12 Name:bis(2-Chloroethyl)Ether Type:Target No Manual Integration

Mass:93.00 R.T:9.489 Area:339801 Conc:50.66724ppm
Event:1:Scan SI:91

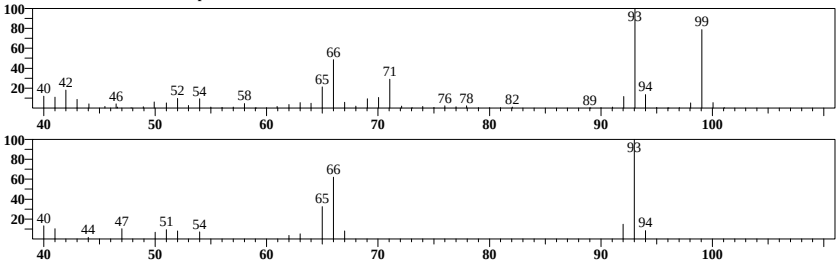
#	m/z	Area	Ratio	Reference
1	63.00	130242	73.44	95.54
2	95.00	58344	32.90	33.05



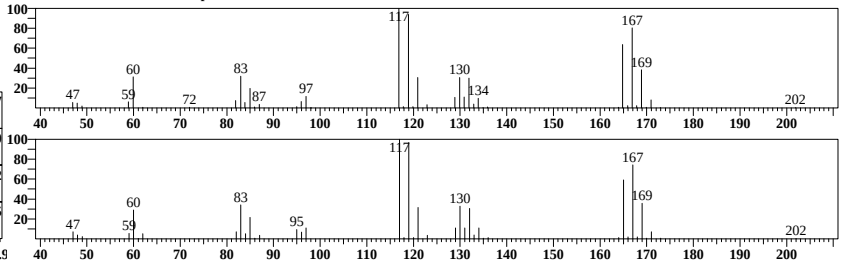
ID#:7 R.Time:9.116(Scan#:1133)
MassPeaks:29
RawMode:Averaged 9.106-9.126(1131-1135)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



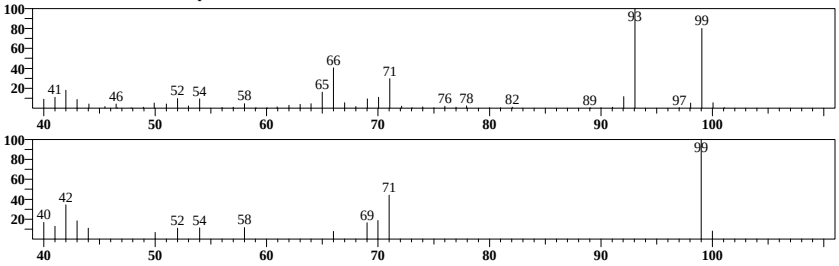
ID#:8 R.Time:9.332(Scan#:1177)
MassPeaks:56
RawMode:Averaged 9.322-9.342(1175-1179)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



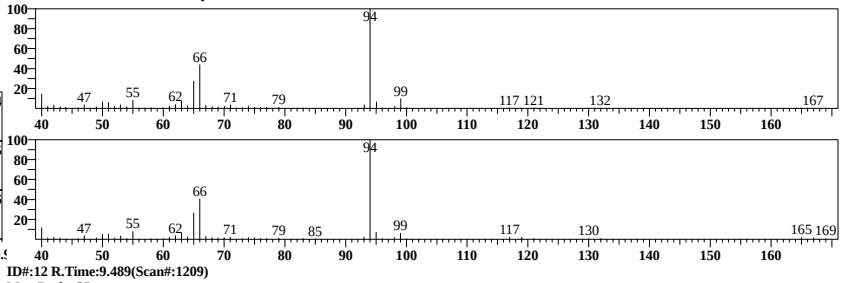
ID#:9 R.Time:9.391(Scan#:1189)
MassPeaks:41
RawMode:Averaged 9.381-9.401(1187-1191)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



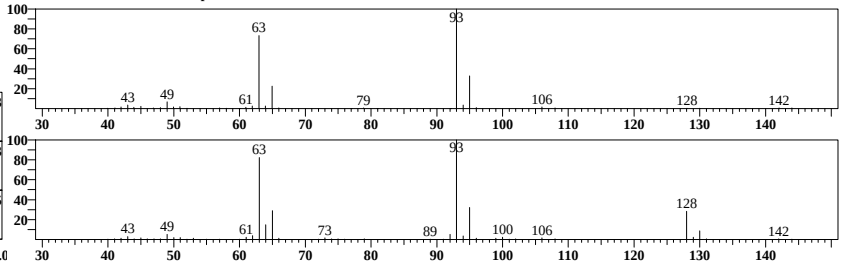
ID#:10 R.Time:9.332(Scan#:1177)
MassPeaks:51
RawMode:Averaged 9.322-9.342(1175-1179)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:11 R.Time:9.362(Scan#:1183)
MassPeaks:57
RawMode:Averaged 9.352-9.371(1181-1185)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



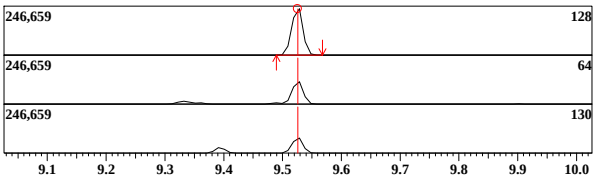
ID#:12 R.Time:9.489(Scan#:1209)
MassPeaks:35
RawMode:Averaged 9.479-9.499(1207-1211)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:13 Name:2-Chlorophenol Type:Target No Manual Integration

Mass:128.00 R.T:9.526 Area:324639 Conc:51.03413ppm
Event:1:Scan SI:86

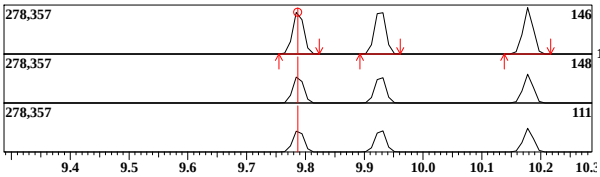
#	m/z	Area	Ratio	Reference
1	64.00	76067	46.38	65.60
2	130.00	52523	32.02	31.89



ID#:14 Name:1,3-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.787 Area:324796 Conc:49.88270ppm
Event:1:Scan SI:92

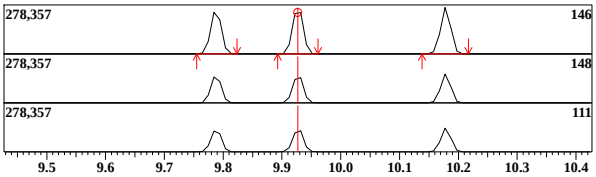
#	m/z	Area	Ratio	Reference
1	148.00	105440	62.41	64.92
2	111.00	86493	51.20	55.28



ID#:15 Name:1,4-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.927 Area:342429 Conc:51.42246ppm
Event:1:Scan SI:91

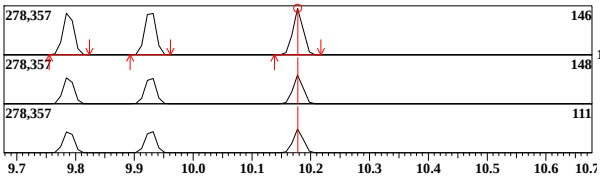
#	m/z	Area	Ratio	Reference
1	148.00	104417	60.17	66.17
2	111.00	85059	49.01	47.39



ID#:16 Name:1,2-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:10.178 Area:325717 Conc:50.77896ppm
Event:1:Scan SI:98

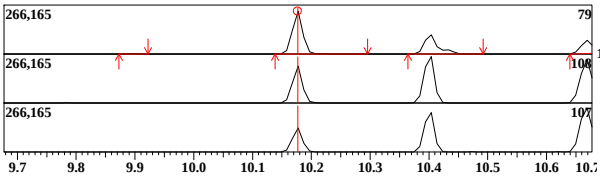
#	m/z	Area	Ratio	Reference
1	148.00	107042	61.67	65.19
2	111.00	88904	51.22	55.22



ID#:17 Name:Benzyl Alcohol Type:Target No Manual Integration

Mass:79.00 R.T:10.177 Area:293228 Conc:52.46350ppm
Event:1:Scan SI:95

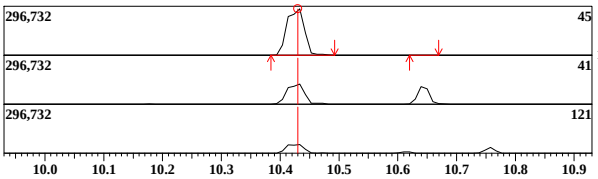
#	m/z	Area	Ratio	Reference
1	108.00	127803	84.37	85.77
2	107.00	84387	55.71	58.74



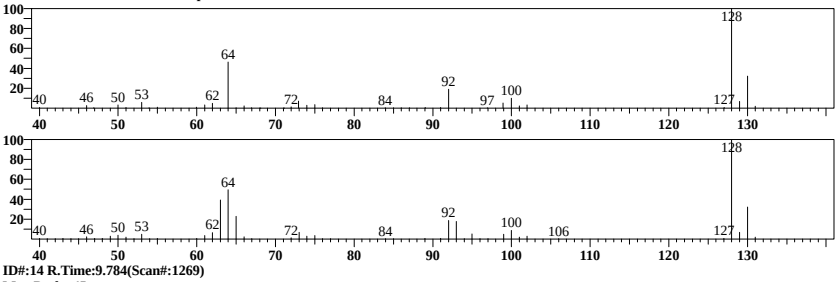
ID#:18 Name:bis(2-Chloroisopropyl) Ether Type:Target No Manual Integration

Mass:45.00 R.T:10.430 Area:589491 Conc:50.76865ppm
Event:1:Scan SI:95

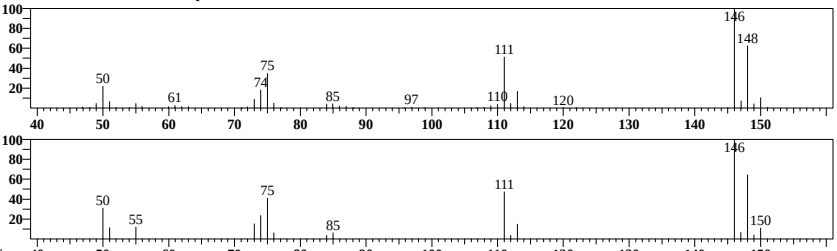
#	m/z	Area	Ratio	Reference
1	41.00	96933	43.62	39.13
2	121.00	42779	19.25	18.18



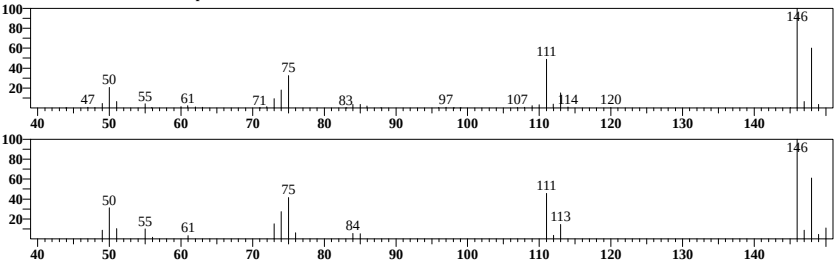
ID#:13 R.Time:9.529(Scan#:1217)
MassPeaks:39
RawMode:Averaged 9.519-9.539(1215-1219)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



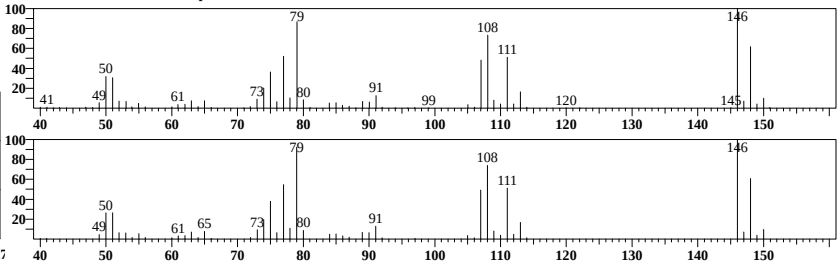
ID#:14 R.Time:9.784(Scan#:1269)
MassPeaks:45
RawMode:Averaged 9.774-9.794(1267-1271)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



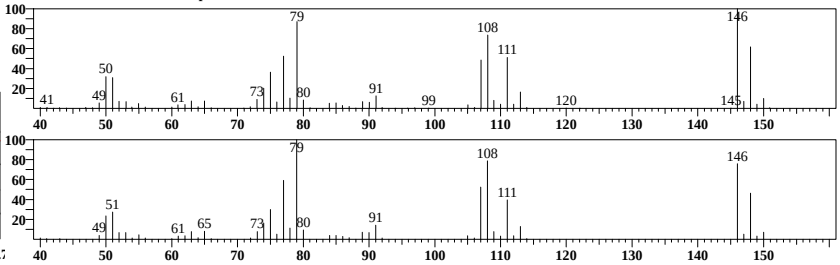
ID#:15 R.Time:9.932(Scan#:1299)
MassPeaks:40
RawMode:Averaged 9.922-9.942(1297-1301)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



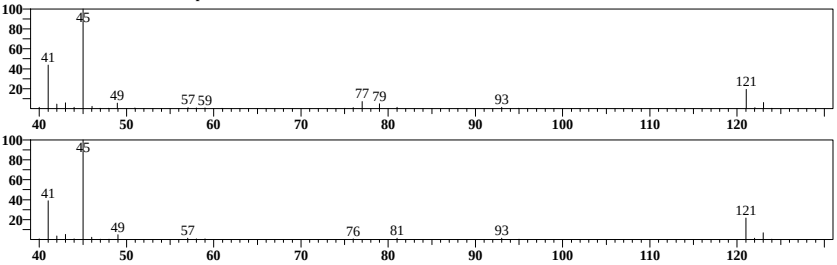
ID#:16 R.Time:10.178(Scan#:1349)
MassPeaks:65
RawMode:Averaged 10.168-10.188(1347-1351)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:17 R.Time:10.178(Scan#:1349)
MassPeaks:65
RawMode:Averaged 10.168-10.188(1347-1351)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



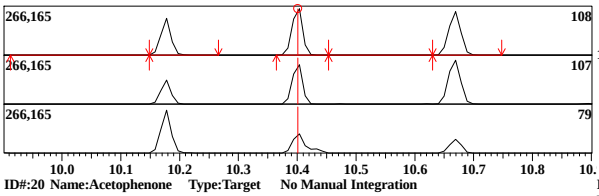
ID#:18 R.Time:10.433(Scan#:1401)
MassPeaks:26
RawMode:Averaged 10.424-10.443(1399-1403)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



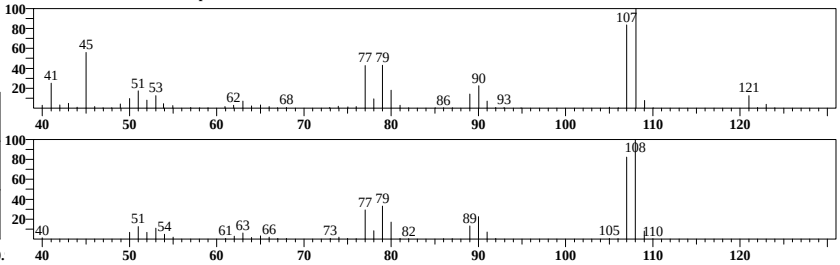
ID#:19 Name:2-Methylphenol (o-Cresol) Type:Target No Manual Integration

Mass:108.00 R.T:10.401 Area:326943 Conc:51.57416ppm
Event:1:Scan SI:85

#	m/z	Area	Ratio	Reference
1	107.00	141136	83.57	84.56
2	79.00	72699	43.05	35.28



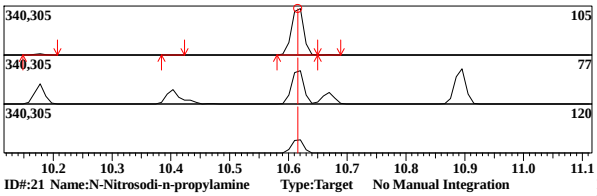
ID#:19 R.Time:10.404(Scan#:1395)
MassPeaks:56
RawMode:Averaged 10.394-10.414(1393-1397)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



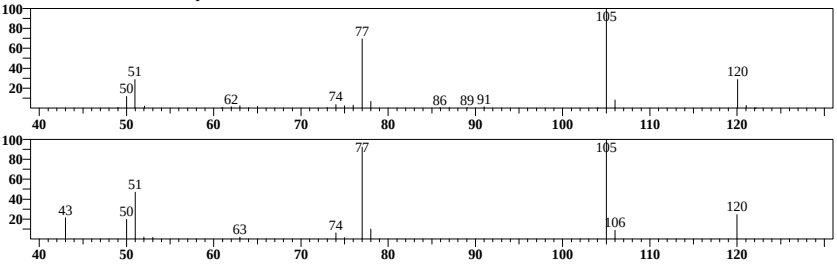
ID#:20 Name:Acetophenone Type:Target No Manual Integration

Mass:105.00 R.T:10.616 Area:478935 Conc:51.37295ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	77.00	162915	69.39	73.31
2	120.00	67360	28.69	24.48



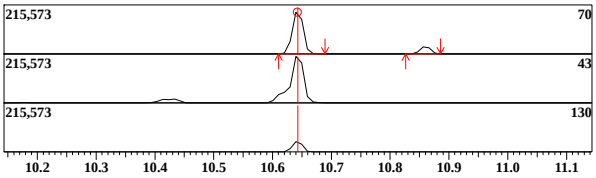
ID#:20 R.Time:10.620(Scan#:1439)
MassPeaks:25
RawMode:Averaged 10.610-10.630(1437-1441)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



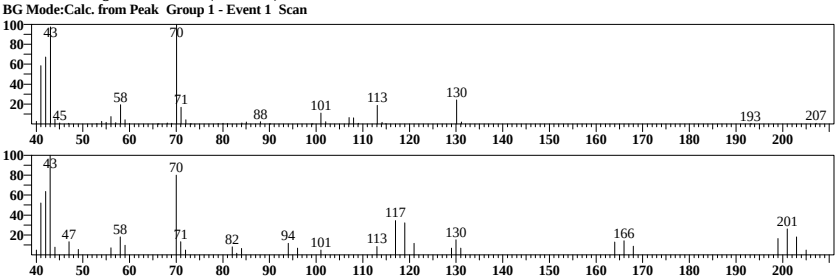
ID#:21 Name:N-Nitrosodi-n-propylamine Type:Target No Manual Integration

Mass:70.00 R.T:10.643 Area:247976 Conc:51.74264ppm
Event:1:Scan SI:72

#	m/z	Area	Ratio	Reference
1	43.00	127693	97.56	109.00
2	130.00	31612	24.15	17.19



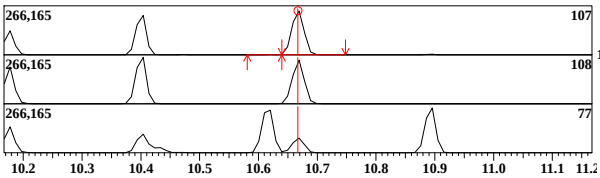
ID#:21 R.Time:10.640(Scan#:1443)
MassPeaks:42
RawMode:Averaged 10.630-10.650(1441-1445)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



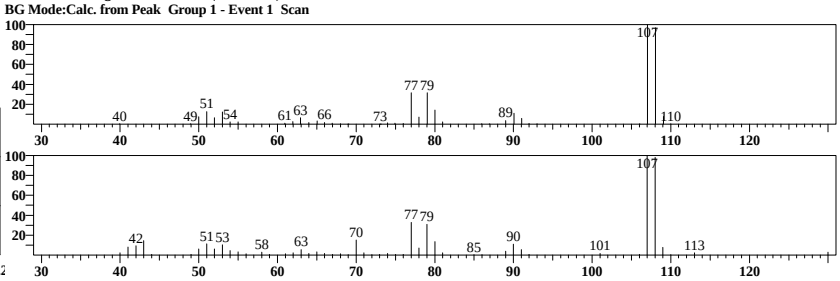
ID#:22 Name:3+4-Methylphenol(m&p-Cresol) Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/1/2022

Mass:107.00 R.T:10.667 Area:354811 Conc:52.16393ppm
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	108.00	170726	96.89	95.43
2	77.00	55488	31.49	31.91



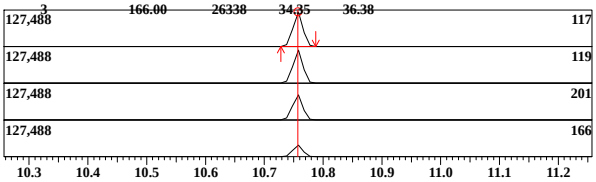
ID#:22 R.Time:10.669(Scan#:1449)
MassPeaks:38
RawMode:Averaged 10.660-10.679(1447-1451)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



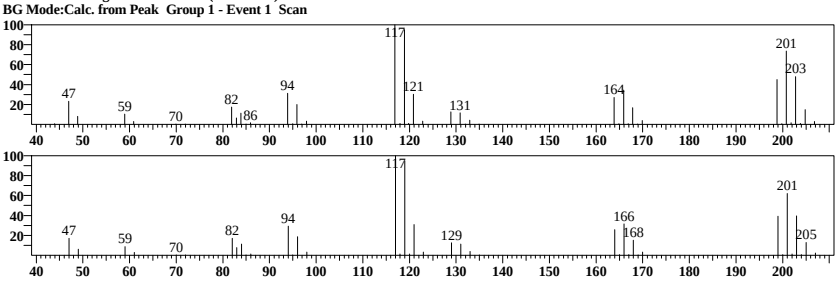
ID#:23 Name:Hexachloroethane Type:Target No Manual Integration

Mass:117.00 R.T:10.757 Area:142869 Conc:50.88023ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	119.00	72917	95.09	92.41
2	201.00	56520	73.71	78.73
3	166.00	26338	34.35	36.38



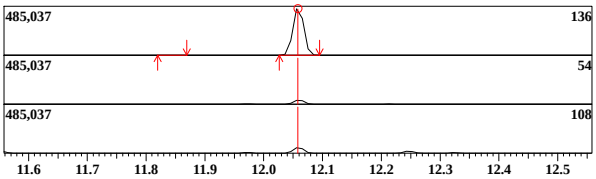
ID#:23 R.Time:10.758(Scan#:1467)
MassPeaks:43
RawMode:Averaged 10.748-10.768(1465-1469)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



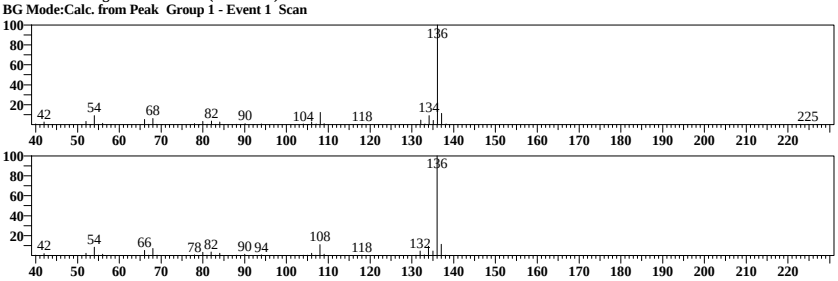
ID#:24 Name:Naphthalene-d8 (IS) Type:ISTD No Manual Integration

Mass:136.00 R.T:12.058 Area:622621 Conc:40.00000ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	54.00	28953	8.91	11.97
2	108.00	39758	12.23	12.20



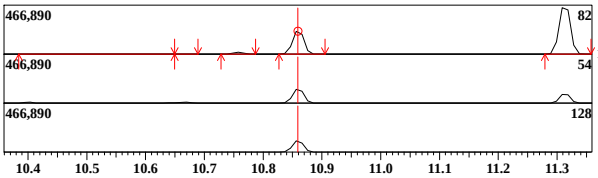
ID#:24 R.Time:12.056(Scan#:1731)
MassPeaks:43
RawMode:Averaged 12.046-12.066(1729-1733)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



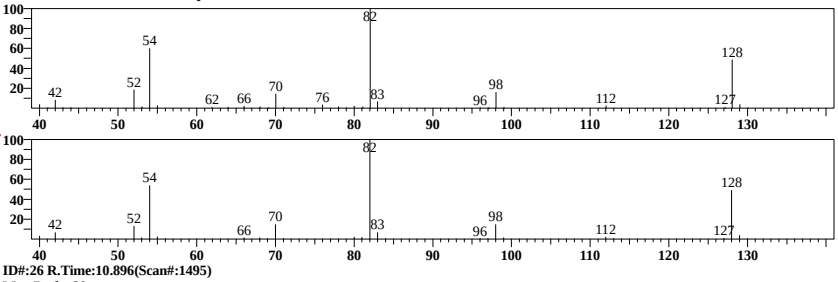
ID#:25 Name:Nitrobenzene-d5 Type:Surrogate/SMC No Manual Integration

Mass:82.00 R.T:10.859 Area:310855 Conc:53.64707ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	54.00	96020	59.96	65.85
2	128.00	77798	48.58	43.44



ID#:26 Name:Nitrobenzene Type:Target No Manual Integration

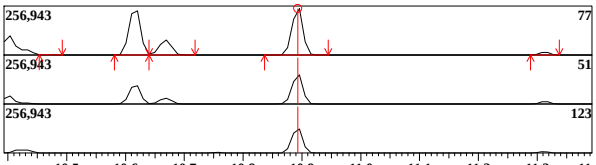


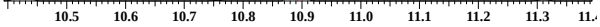
ID#:25 R.Time:10.856(Scan#:1487)
MassPeaks:33
RawMode:Averaged 10.846-10.866(1485-1489)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:26 R.Time:10.896(Scan#:1495)
MassPeaks:29
RawMode:Averaged 10.886-10.905(1493-1497)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

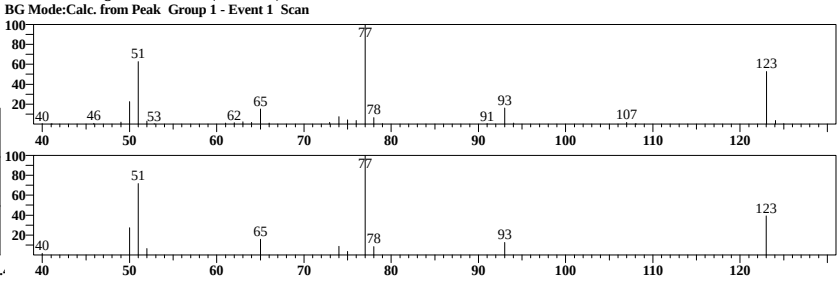
Mass:77.00 R.T:10.893 Area:326860 Conc:53.65245ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	51.00	105279	62.75	61.12
2	123.00	88322	52.64	46.32





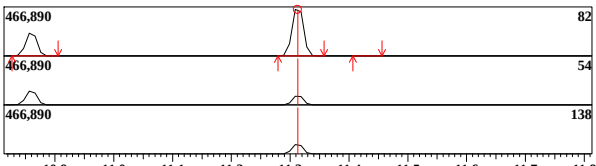
ID#:27 Name:Isophorone Type:Target No Manual Integration



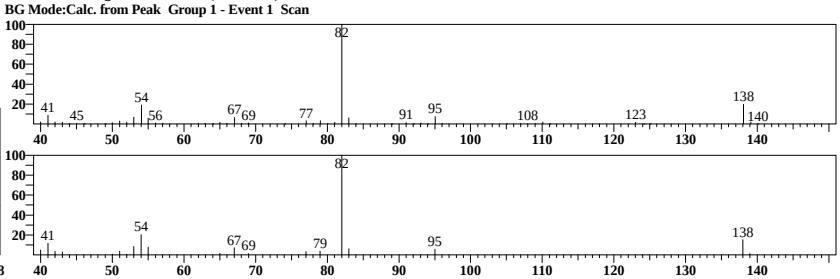
ID#:27 R.Time:11.309(Scan#:1579)
MassPeaks:52
RawMode:Averaged 11.299-11.318(1577-1581)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:82.00 R.T:11.313 Area:640531 Conc:53.38403ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	54.00	62273	18.95	19.87
2	138.00	64568	19.64	14.87



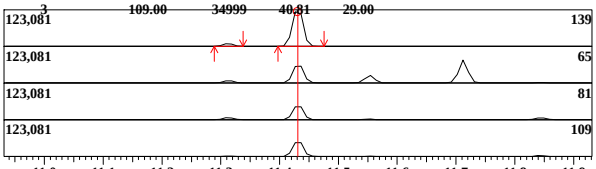
ID#:28 Name:2-Nitrophenol Type:Target No Manual Integration

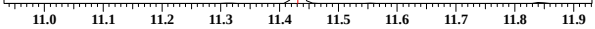


ID#:28 R.Time:11.427(Scan#:1603)
MassPeaks:47
RawMode:Averaged 11.417-11.436(1601-1605)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

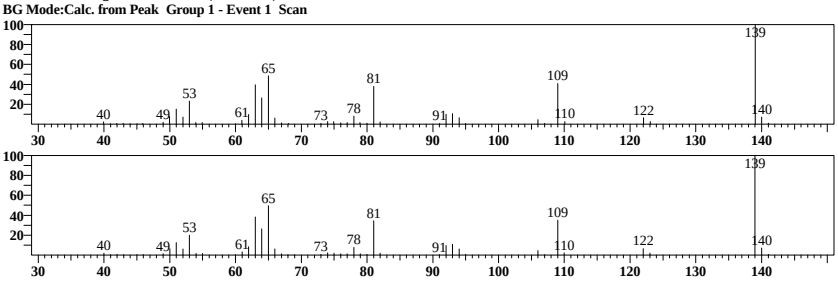
Mass:139.00 R.T:11.431 Area:166845 Conc:55.86890ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	65.00	41584	48.49	55.00
2	81.00	32483	37.88	33.00
3	109.00	34999	40.81	29.00





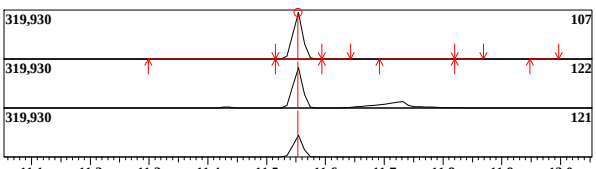
ID#:29 Name:2,4-Dimethylphenol Type:Target No Manual Integration



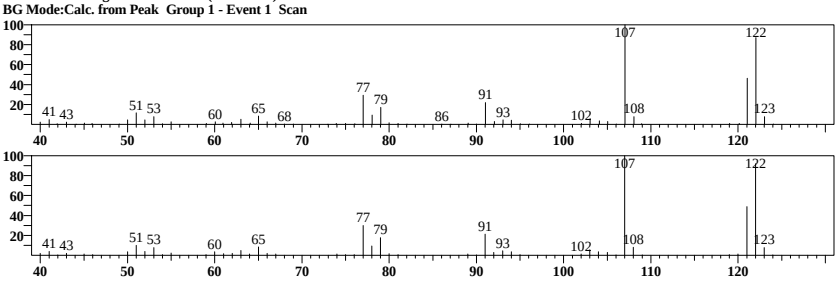
ID#:29 R.Time:11.554(Scan#:1629)
MassPeaks:59
RawMode:Averaged 11.544-11.564(1627-1631)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:107.00 R.T:11.553 Area:354640 Conc:54.40451ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	122.00	165053	87.17	82.87
2	121.00	87488	46.20	42.24



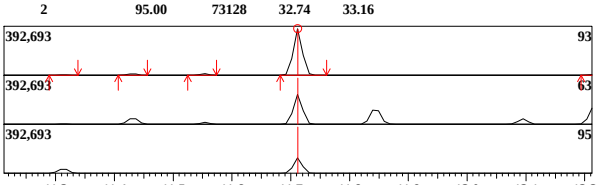
ID#:30 Name:Bis(2-Chloroethoxy)methane Type:Target No Manual Integration

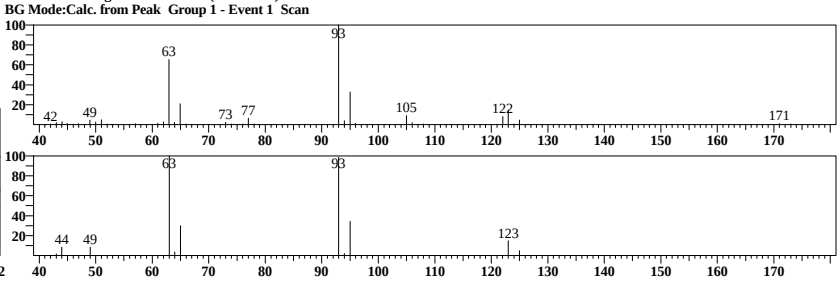


ID#:30 R.Time:11.712(Scan#:1661)
MassPeaks:46
RawMode:Averaged 11.702-11.722(1659-1663)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:93.00 R.T:11.712 Area:409570 Conc:53.79416ppm
Event:1:Scan SI:86

#	m/z	Area	Ratio	Reference
1	63.00	145958	65.35	85.08
2	95.00	73128	32.74	33.16



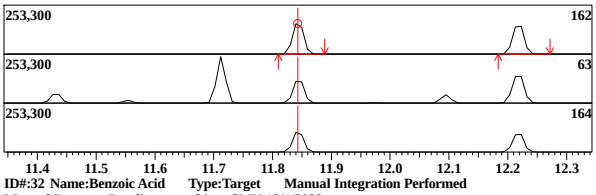


ID#:30 R.Time:11.712(Scan#:1661)
MassPeaks:46
RawMode:Averaged 11.702-11.722(1659-1663)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

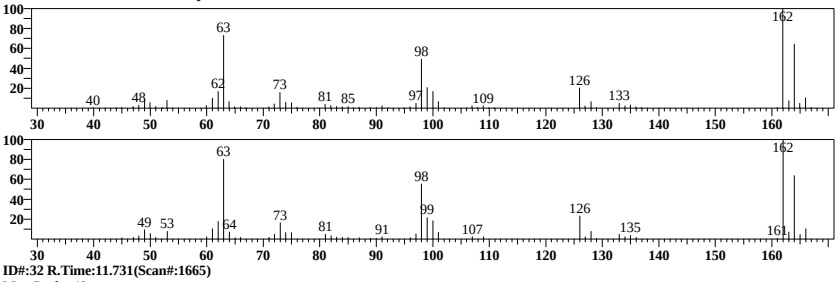
ID#:31 Name:2,4-Dichlorophenol Type:Target No Manual Integration

Mass:162.00 R.T:11.843 Area:222218 Conc:54.49615ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	63.00	83424	72.89	59.00
2	164.00	73694	64.39	65.54



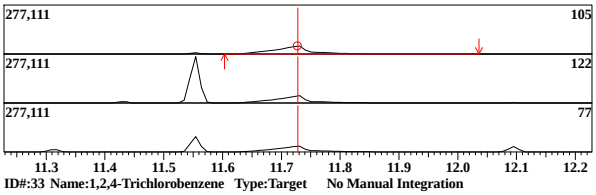
ID#:31 R.Time:11.839(Scan#:1687)
MassPeaks:68
RawMode:Averaged 11.830-11.849(1685-1689)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



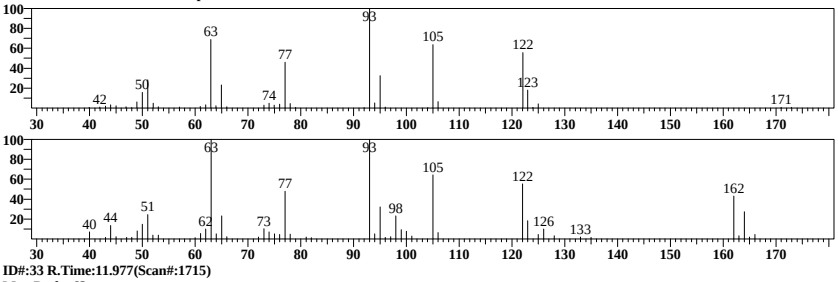
ID#:32 Name:Benzoic Acid Type:Target Manual Integration Performed
Manual Reason: Baseline smoothing. CMN 12/1/2022

Mass:105.00 R.T:11.728 Area:209813 Conc:50.93961ppm
Event:1:Scan SI:84

#	m/z	Area	Ratio	Reference
1	122.00	32372	87.47	76.85
2	77.00	26806	72.44	75.23



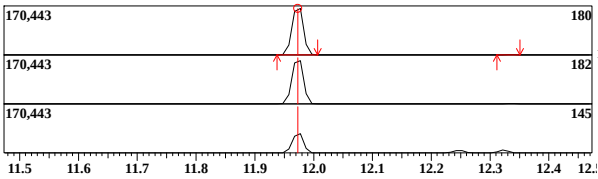
ID#:32 R.Time:11.731(Scan#:1665)
MassPeaks:40
RawMode:Averaged 11.722-11.741(1663-1667)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



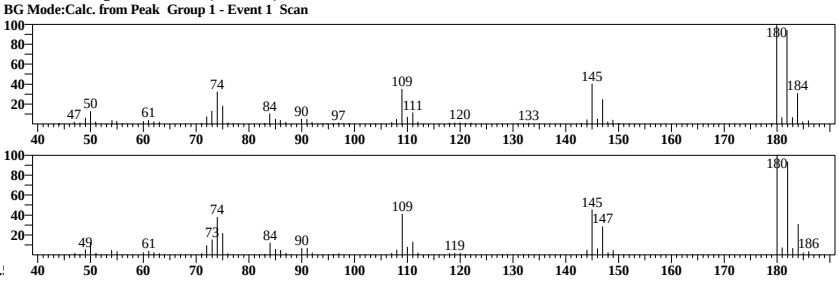
ID#:33 Name:1,2,4-Trichlorobenzene Type:Target No Manual Integration

Mass:180.00 R.T:11.973 Area:230695 Conc:53.44846ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	182.00	110066	93.78	91.21
2	145.00	47146	40.17	29.06



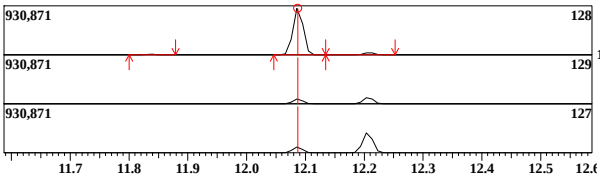
ID#:33 R.Time:11.977(Scan#:1715)
MassPeaks:63
RawMode:Averaged 11.967-11.987(1713-1717)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



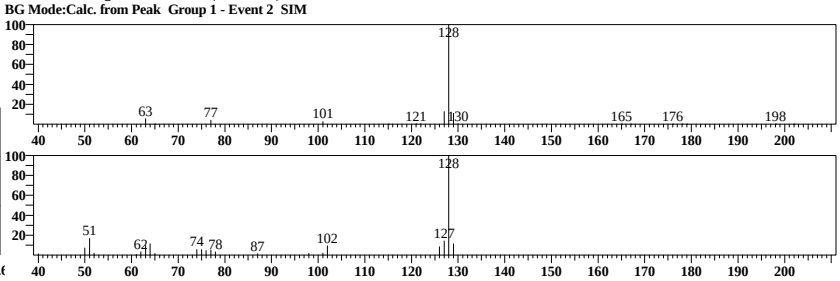
ID#:34 Name:Naphthalene Type:Target No Manual Integration

Mass:128.00 R.T:12.087 Area:1107093 Conc:51.95766ppm
Event:2:SIM SI:93

#	m/z	Area	Ratio	Reference
1	129.00	63772	10.81	10.48
2	127.00	74306	12.59	13.97



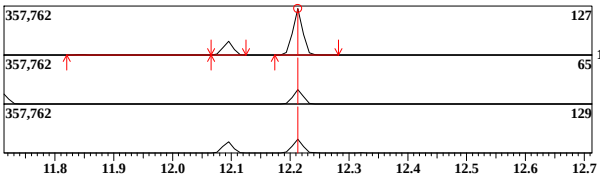
ID#:34 R.Time:12.085(Scan#:1738)
MassPeaks:18
RawMode:Averaged 12.076-12.095(1736-1740)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



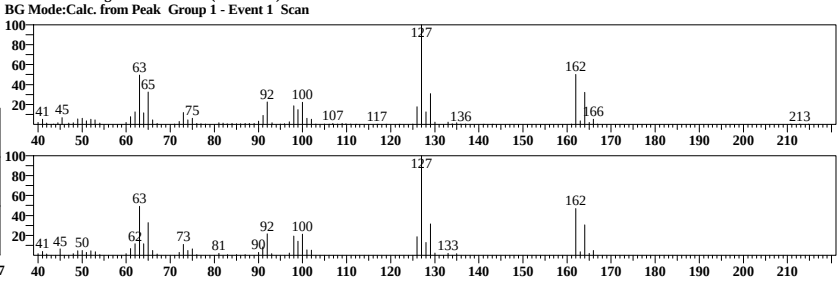
ID#:35 Name:4-Chloroaniline Type:Target No Manual Integration

Mass:127.00 R.T:12.213 Area:408095 Conc:54.51308ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	65.00	69977	32.43	45.58
2	129.00	66321	30.73	30.27



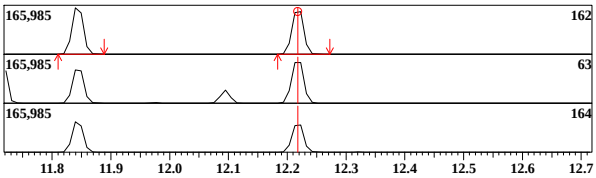
ID#:35 R.Time:12.213(Scan#:1763)
MassPeaks:86
RawMode:Averaged 12.203-12.223(1761-1765)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



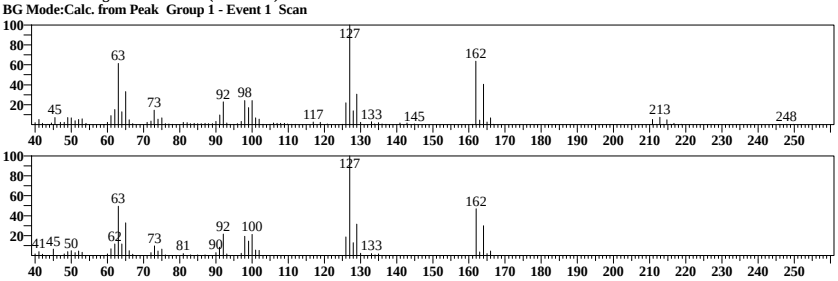
ID#:36 Name:2,6-Dichlorophenol Type:Target No Manual Integration

Mass:162.00 R.T:12.218 Area:215952 Conc:53.85222ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	63.00	103503	96.67	88.00
2	164.00	68162	63.66	62.85



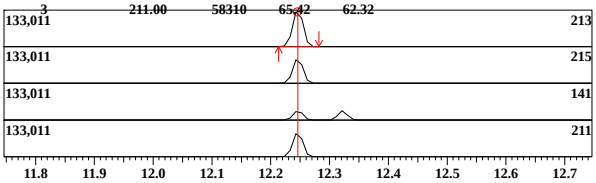
ID#:36 R.Time:12.223(Scan#:1765)
MassPeaks:98
RawMode:Averaged 12.213-12.233(1763-1767)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



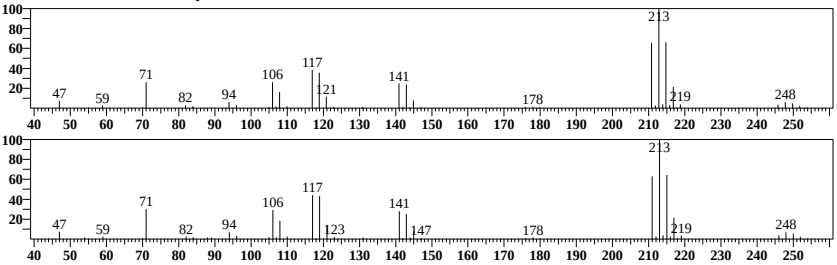
ID#:37 Name:Hexachloropropene Type:Target No Manual Integration

Mass:213.00 R.T:12.246 Area:169843 Conc:53.75479ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	215.00	58704	65.86	64.65
2	141.00	21838	24.50	22.52
3	211.00	58310	65.42	62.32



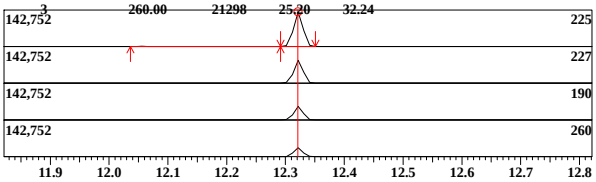
ID#:37 R.Time:12.243(Scan#:1769)
MassPeaks:46
RawMode:Averaged 12.233-12.253(1767-1771)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



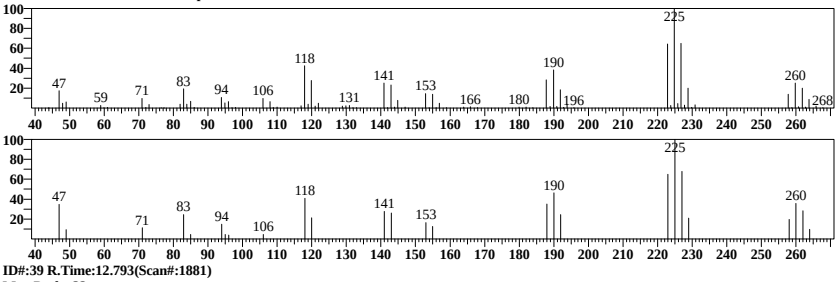
ID#:38 Name:Hexachlorobutadiene Type:Target No Manual Integration

Mass:225.00 R.T:12.321 Area:155556 Conc:52.48349ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	227.00	54914	64.97	64.03
2	190.00	32345	38.27	38.21
3	260.00	21298	25.20	32.24



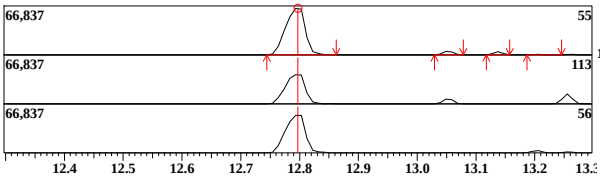
ID#:38 R.Time:12.321(Scan#:1785)
MassPeaks:81
RawMode:Averaged 12.312-12.331(1783-1787)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



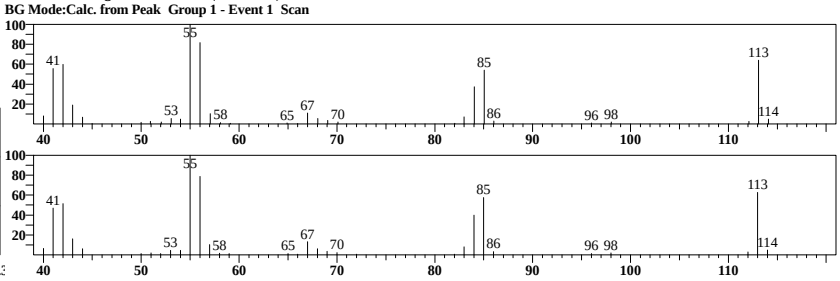
ID#:39 Name:Caprolactam Type:Target No Manual Integration

Mass:55.00 R.T:12.797 Area:151732 Conc:53.95232ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	113.00	38208	64.14	78.00
2	56.00	48583	81.55	79.15

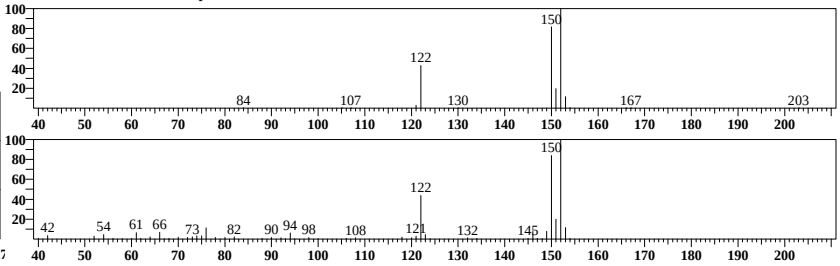


ID#:39 R.Time:12.793(Scan#:1881)
MassPeaks:32
RawMode:Averaged 12.784-12.803(1879-1883)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



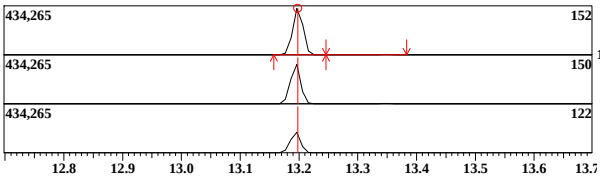
ID#:40 Name:2-Methylnaphthalene-d10 Type:Target No Manual Integration

ID#:40 R.Time:13.196(Scan#:1964)
MassPeaks:14
RawMode:Averaged 13.187-13.206(1962-1966)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



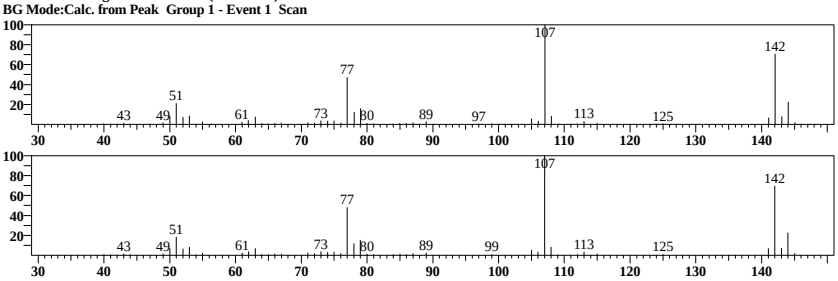
Mass:152.00 R.T:13.198 Area:524133 Conc:52.95098ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	150.00	227891	81.81	58.54
2	122.00	119292	42.83	46.34



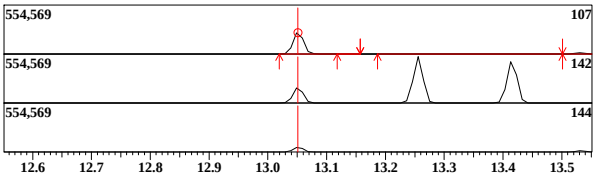
ID#:41 Name:4-Chloro-3-methylphenol Type:Target No Manual Integration

ID#:41 R.Time:13.049(Scan#:1933)
MassPeaks:64
RawMode:Averaged 13.039-13.059(1931-1935)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



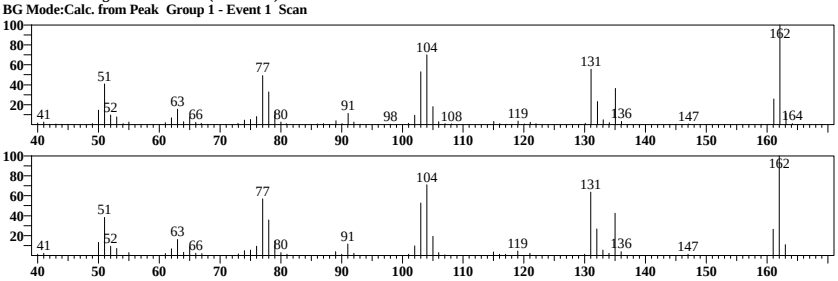
Mass:107.00 R.T:13.051 Area:322131 Conc:54.14729ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	142.00	116630	70.50	60.24
2	144.00	36778	22.23	18.55



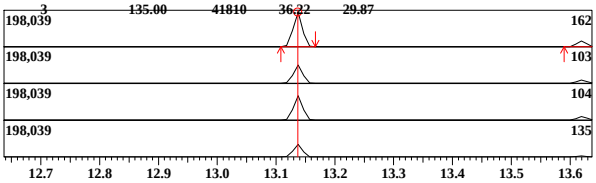
ID#:42 Name:Safrole Type:Target No Manual Integration

ID#:42 R.Time:13.137(Scan#:1951)
MassPeaks:72
RawMode:Averaged 13.128-13.147(1949-1953)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



Mass:162.00 R.T:13.137 Area:212049 Conc:53.26831ppm
Event:1:Scan SI:98

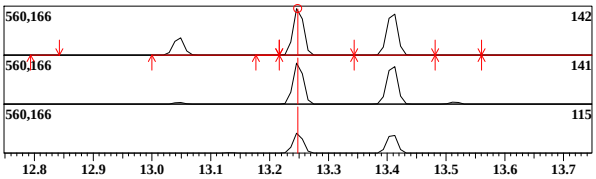
#	m/z	Area	Ratio	Reference
1	103.00	61428	53.22	50.38
2	104.00	80915	70.10	67.22
3	135.00	41810	36.22	29.87



ID#:43 Name:2-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.248 Area:692810 Conc:51.02391ppm
Event:2:SIM SI:98

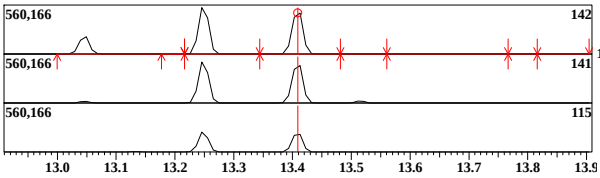
#	m/z	Area	Ratio	Reference
1	141.00	318616	86.78	68.04
2	115.00	152888	41.64	50.52



ID#:44 Name:1-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.409 Area:650185 Conc:50.48308ppm
Event:2:SIM SI:92

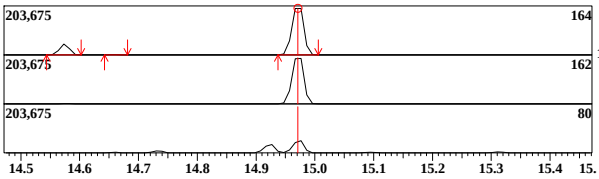
#	m/z	Area	Ratio	Reference
1	141.00	302541	91.03	72.83
2	115.00	145667	43.83	32.61



ID#:45 Name:Acenaphthene-d10 (IS) Type:ISTD No Manual Integration

Mass:164.00 R.T:14.971 Area:290421 Conc:40.00000ppm
Event:1:Scan SI:97

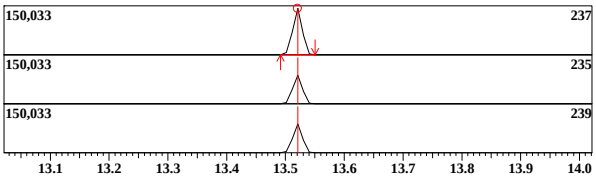
#	m/z	Area	Ratio	Reference
1	162.00	144363	97.02	95.44
2	80.00	31660	21.28	29.92



ID#:46 Name:Hexachlorocyclopentadiene Type:Target No Manual Integration

Mass:237.00 R.T:13.521 Area:165693 Conc:51.03168ppm
Event:1:Scan SI:96

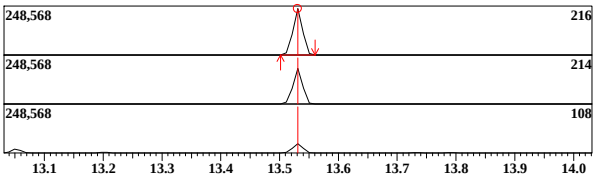
#	m/z	Area	Ratio	Reference
1	235.00	56473	62.72	58.98
2	239.00	56318	62.55	65.78



ID#:47 Name:1,2,4,5-Tetrachlorobenzene Type:Target No Manual Integration

Mass:216.00 R.T:13.531 Area:276705 Conc:53.50828ppm
Event:1:Scan SI:76

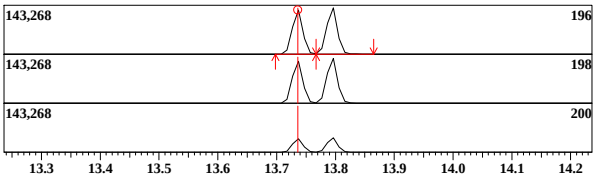
#	m/z	Area	Ratio	Reference
1	214.00	113876	76.36	78.02
2	108.00	31354	21.02	22.55



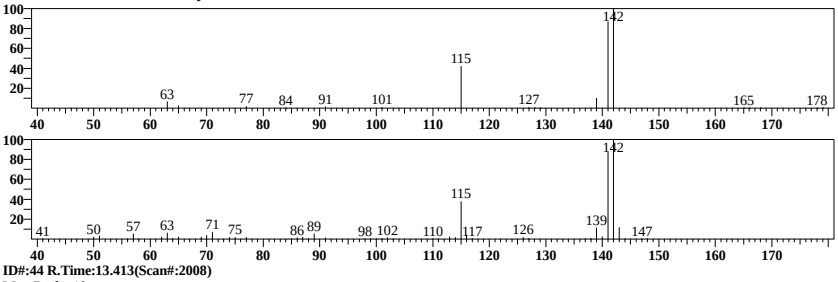
ID#:48 Name:2,4,6-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.736 Area:163204 Conc:53.37085ppm
Event:1:Scan SI:97

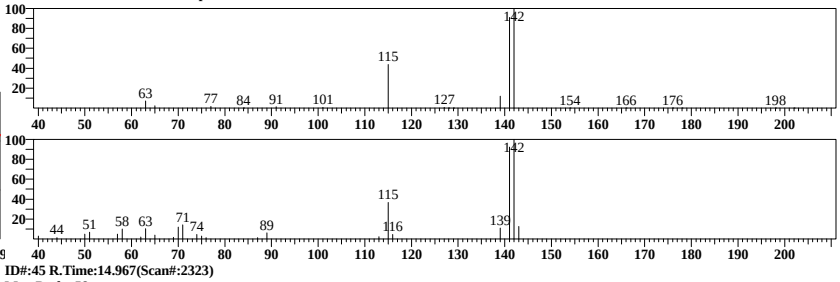
#	m/z	Area	Ratio	Reference
1	198.00	81680	96.62	94.42
2	200.00	26087	30.86	32.47



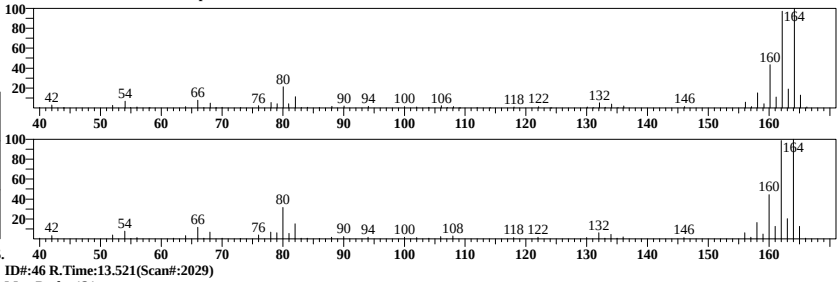
ID#:43 R.Time:13.246(Scan#:1974)
MassPeaks:18
RawMode:Averaged 13.236-13.256(1972-1976)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



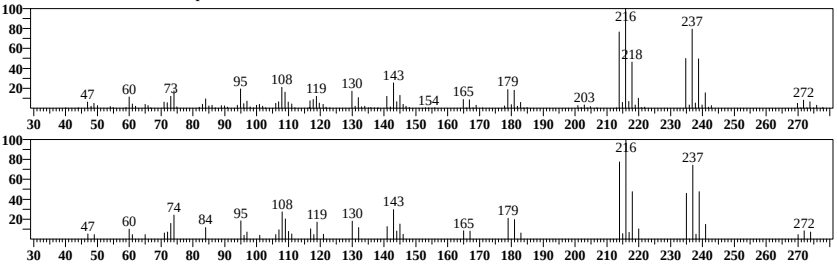
ID#:44 R.Time:13.413(Scan#:2008)
MassPeaks:19
RawMode:Averaged 13.403-13.423(2006-2010)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



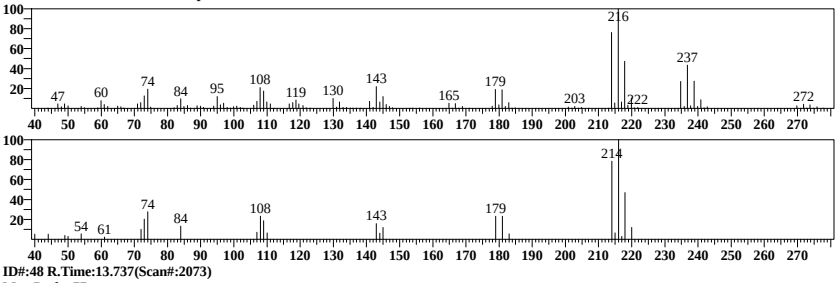
ID#:45 R.Time:14.967(Scan#:2323)
MassPeaks:58
RawMode:Averaged 14.957-14.976(2321-2325)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



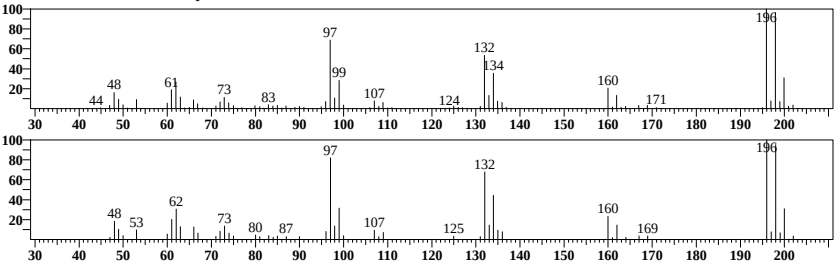
ID#:46 R.Time:13.521(Scan#:2029)
MassPeaks:121
RawMode:Averaged 13.511-13.531(2027-2031)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:47 R.Time:13.531(Scan#:2031)
MassPeaks:119
RawMode:Averaged 13.521-13.541(2029-2033)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



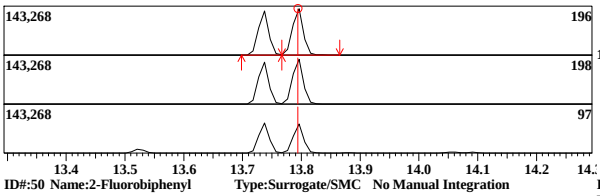
ID#:48 R.Time:13.737(Scan#:2073)
MassPeaks:77
RawMode:Averaged 13.727-13.747(2071-2075)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



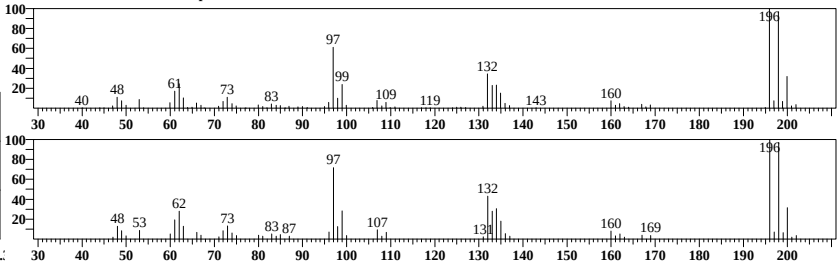
ID#:49 Name:2,4,5-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.794 Area:177070 Conc:53.13572ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	198.00	87148	96.93	97.81
2	97.00	54972	61.14	65.15



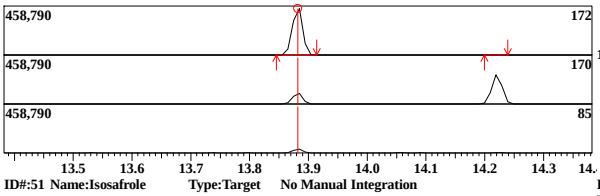
ID#:49 R.Time:13.796(Scan#:2085)
MassPeaks:78
RawMode:Averaged 13.787-13.806(2083-2087)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



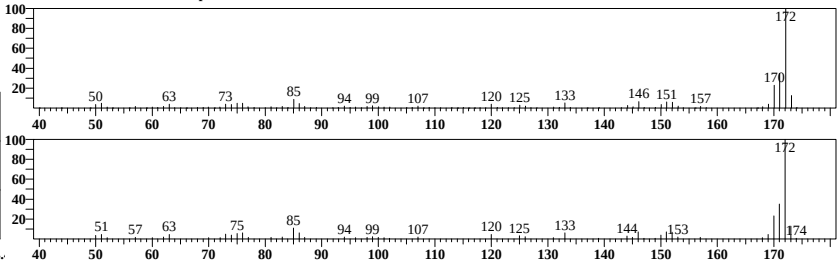
ID#:50 Name:2-Fluorobiphenyl Type:Surrogate/SMC No Manual Integration

Mass:172.00 R.T:13.882 Area:554226 Conc:52.62903ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	170.00	66728	22.91	22.48
2	85.00	24839	8.53	9.13



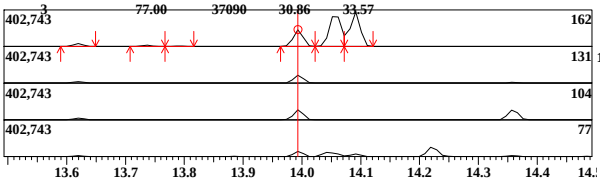
ID#:50 R.Time:13.885(Scan#:2103)
MassPeaks:100
RawMode:Averaged 13.875-13.895(2101-2105)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



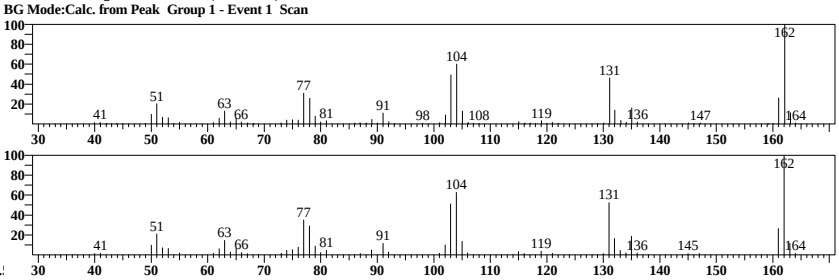
ID#:51 Name:Isosafrole Type:Target No Manual Integration

Mass:162.00 R.T:13.993 Area:222994 Conc:53.93825ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	131.00	55761	46.39	42.54
2	104.00	72141	60.01	57.35
3	77.00	37090	30.86	33.57



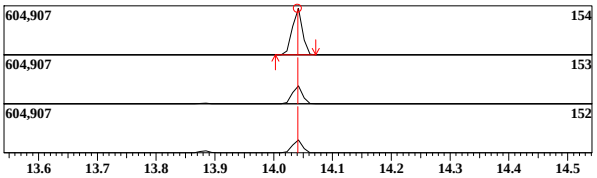
ID#:51 R.Time:13.993(Scan#:2125)
MassPeaks:72
RawMode:Averaged 13.983-14.003(2123-2127)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



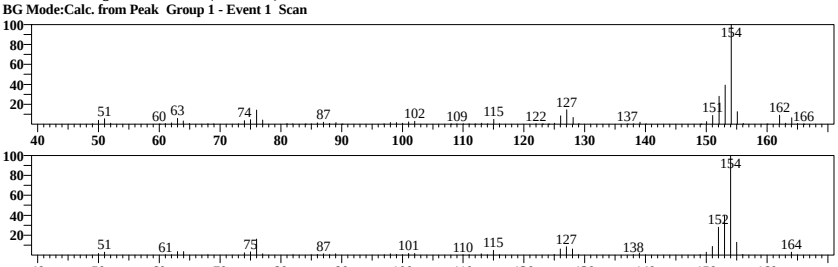
ID#:52 Name:1,1'-Biphenyl Type:Target No Manual Integration

Mass:154.00 R.T:14.041 Area:692210 Conc:52.82706ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	153.00	145492	39.19	38.49
2	152.00	104102	28.04	28.01



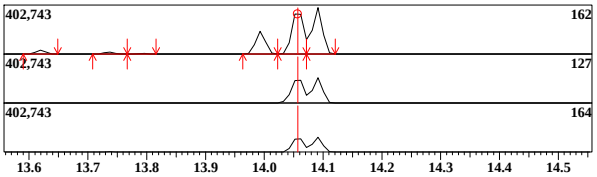
ID#:52 R.Time:14.042(Scan#:2135)
MassPeaks:67
RawMode:Averaged 14.032-14.052(2133-2137)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



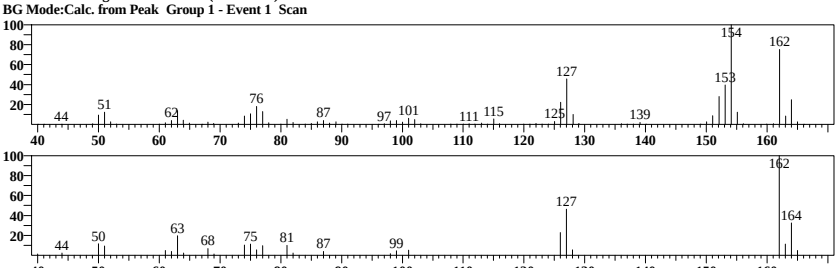
ID#:53 Name:2-Chloronaphthalene Type:Target No Manual Integration

Mass:162.00 R.T:14.057 Area:517911 Conc:50.94838ppm
Event:1:Scan SI:69

#	m/z	Area	Ratio	Reference
1	127.00	108382	60.75	48.49
2	164.00	58902	33.02	32.94



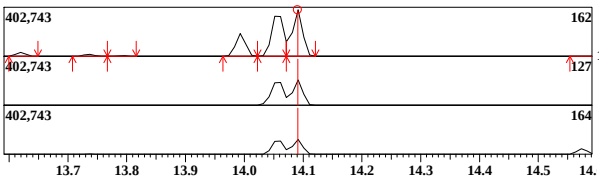
ID#:53 R.Time:14.052(Scan#:2137)
MassPeaks:81
RawMode:Averaged 14.042-14.062(2135-2139)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



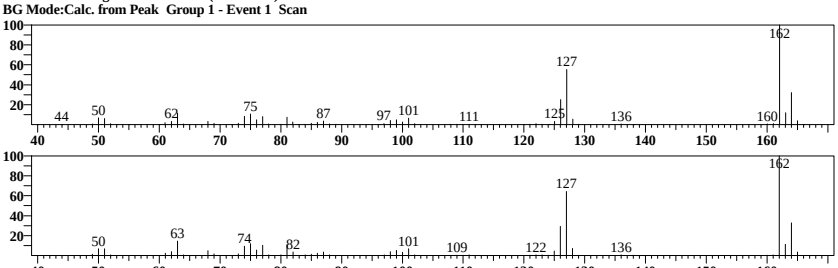
ID#:54 Name:1-Chloronaphthalene Type:Target No Manual Integration

Mass:162.00 R.T:14.091 Area:441961 Conc:55.54340ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	127.00	95919	55.21	48.49
2	164.00	55780	32.10	32.94



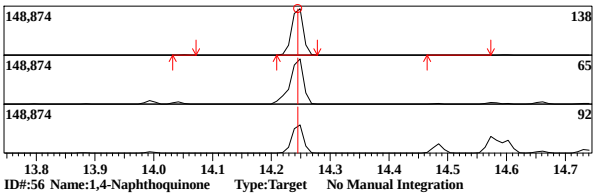
ID#:54 R.Time:14.091(Scan#:2145)
MassPeaks:64
RawMode:Averaged 14.082-14.101(2143-2147)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



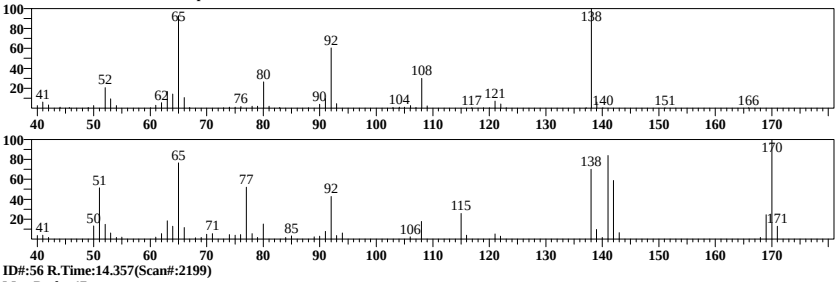
ID#:55 Name:2-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.245 Area:198593 Conc:54.27343ppm
Event:1:Scan SI:58

#	m/z	Area	Ratio	Reference
1	65.00	92911	92.83	101.46
2	92.00	60638	60.59	55.64



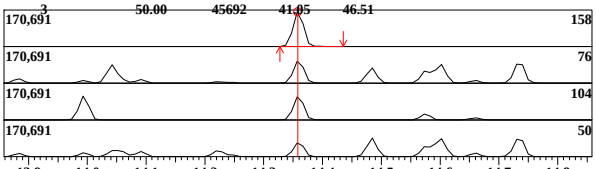
ID#:55 R.Time:14.249(Scan#:2177)
MassPeaks:51
RawMode:Averaged 14.239-14.259(2175-2179)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



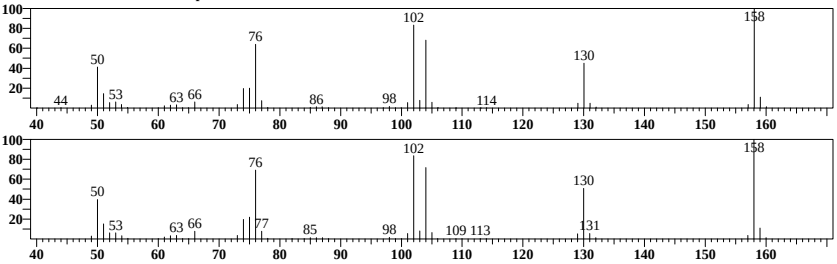
ID#:56 Name:1,4-Naphthoquinone Type:Target No Manual Integration

Mass:158.00 R.T:14.358 Area:214542 Conc:53.05191ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	76.00	71207	63.97	68.34
2	104.00	75726	68.03	74.24
3	50.00	45692	41.05	46.51



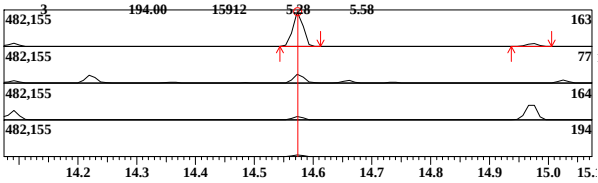
ID#:56 R.Time:14.357(Scan#:2199)
MassPeaks:47
RawMode:Averaged 14.347-14.367(2197-2201)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



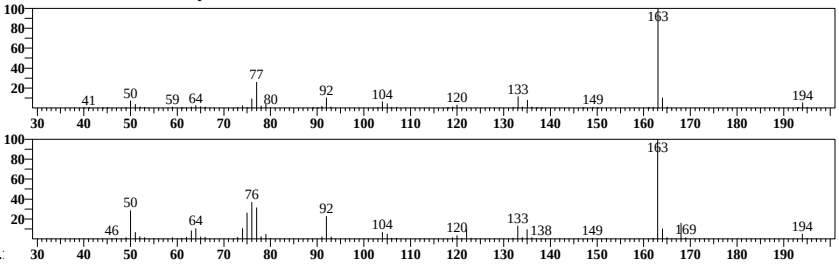
ID#:57 Name:Dimethyl phthalate Type:Target No Manual Integration

Mass:163.00 R.T:14.574 Area:560676 Conc:52.96274ppm
Event:1:Scan SI:84

#	m/z	Area	Ratio	Reference
1	77.00	77880	25.82	29.31
2	164.00	30310	10.05	10.65
3	194.00	15912	5.28	5.58



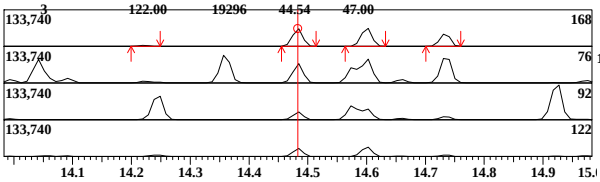
ID#:57 R.Time:14.573(Scan#:2243)
MassPeaks:56
RawMode:Averaged 14.563-14.583(2241-2245)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



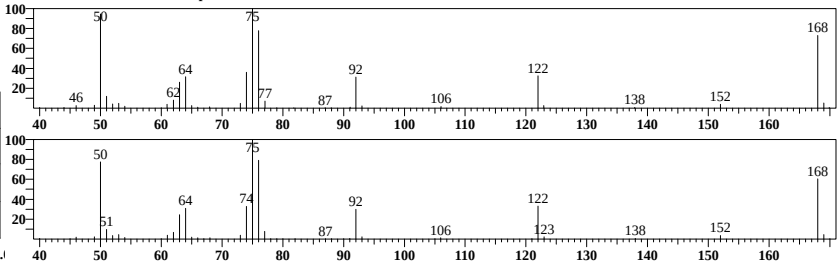
ID#:58 Name:1,3-Dinitrobenzene Type:Target No Manual Integration

Mass:168.00 R.T:14.483 Area:82648 Conc:51.44242ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	76.00	46307	106.89	100.00
2	92.00	18563	42.85	44.00
3	122.00	19296	44.54	47.00



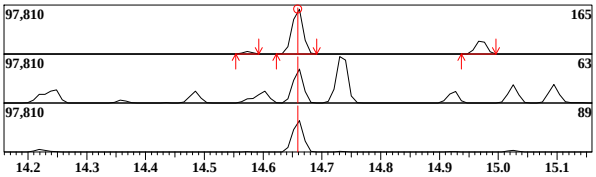
ID#:58 R.Time:14.485(Scan#:2225)
MassPeaks:37
RawMode:Averaged 14.475-14.495(2223-2227)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



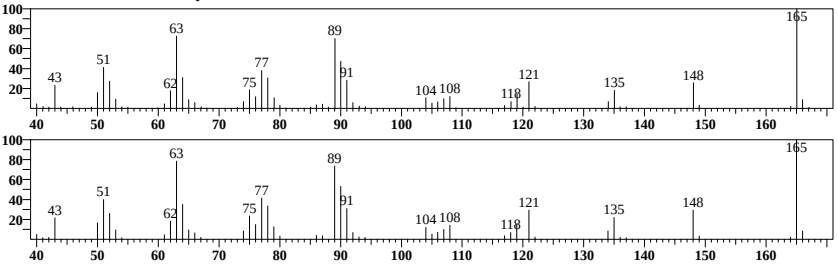
ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT) Type:Target No Manual Integration

Mass:165.00 R.T:14.659 Area:120690 Conc:53.17146ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	63.00	45290	72.78	89.00
2	89.00	43550	69.98	65.00



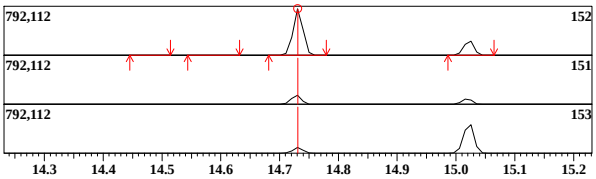
ID#:59 R.Time:14.662(Scan#:2261)
MassPeaks:63
RawMode:Averaged 14.652-14.672(2259-2263)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



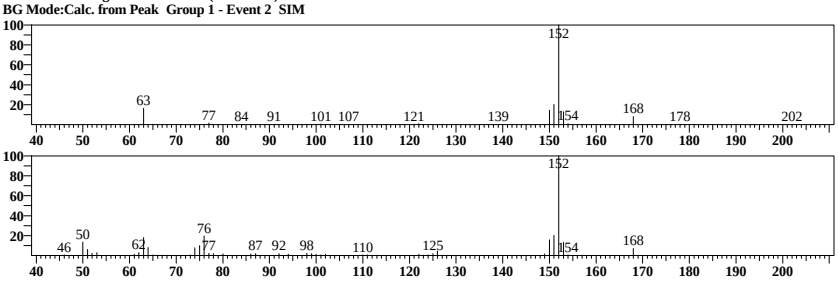
ID#:60 Name:Acenaphthylene Type:Target No Manual Integration

Mass:152.00 R.T:14.731 Area:908302 Conc:51.14227ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	151.00	97857	20.24	14.97
2	153.00	61529	12.72	5.44



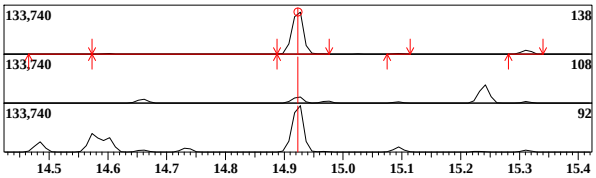
ID#:60 R.Time:14.731(Scan#:2276)
MassPeaks:24
RawMode:Averaged 14.721-14.740(2274-2278)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



ID#:61 Name:3-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.923 Area:164134 Conc:53.89230ppm
Event:1:Scan SI:95

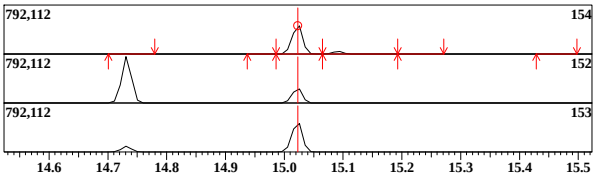
#	m/z	Area	Ratio	Reference
1	108.00	9370	11.63	16.00
2	92.00	87383	108.41	101.00



ID#:62 Name:Acenaphthene Type:Target No Manual Integration

Mass:154.00 R.T:15.023 Area:592745 Conc:50.29417ppm
Event:2:SIM SI:98

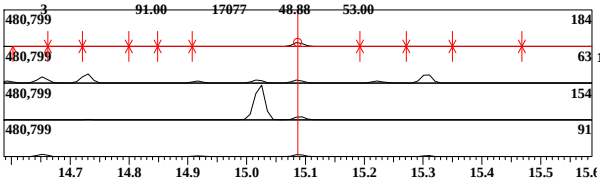
#	m/z	Area	Ratio	Reference
1	152.00	154483	50.43	59.49
2	153.00	317227	103.56	105.06



ID#:63 Name:2,4-Dinitrophenol Type:Target No Manual Integration

Mass:184.00 R.T:15.087 Area:71560 Conc:52.23723ppm
Event:2:SIM SI:91

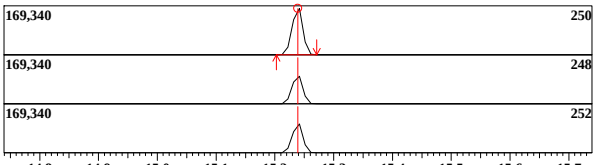
#	m/z	Area	Ratio	Reference
1	63.00	21489	61.51	90.00
2	154.00	27820	79.63	64.00
3	91.00	17077	48.88	53.00



ID#:64 Name:Pentachlorobenzene Type:Target No Manual Integration

Mass:250.00 R.T:15.239 Area:212126 Conc:53.06818ppm
Event:1:Scan SI:92

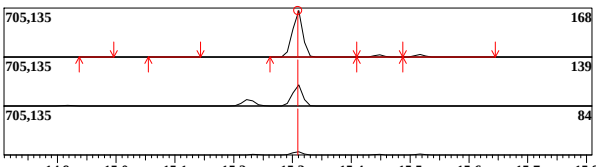
#	m/z	Area	Ratio	Reference
1	248.00	66447	60.69	63.33
2	252.00	67406	61.56	65.87



ID#:65 Name:Dibenzofuran Type:Target No Manual Integration

Mass:168.00 R.T:15.309 Area:820920 Conc:51.51105ppm
Event:2:SIM SI:98

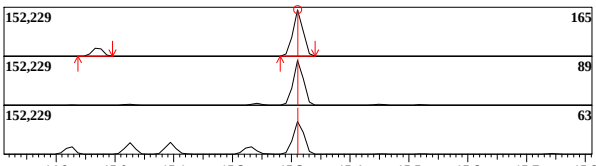
#	m/z	Area	Ratio	Reference
1	139.00	194788	45.15	44.93
2	84.00	32552	7.54	10.15



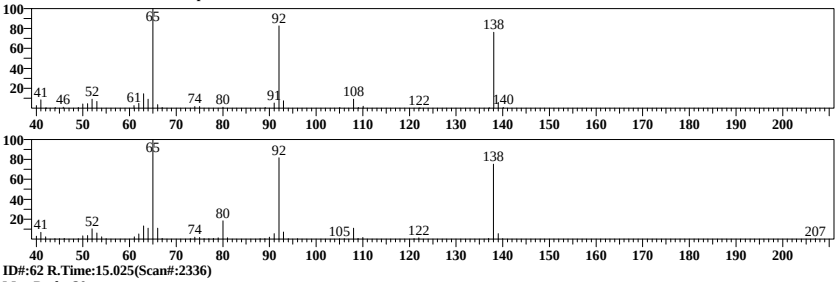
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT) Type:Target No Manual Integration

Mass:165.00 R.T:15.311 Area:176321 Conc:53.84292ppm
Event:1:Scan SI:97

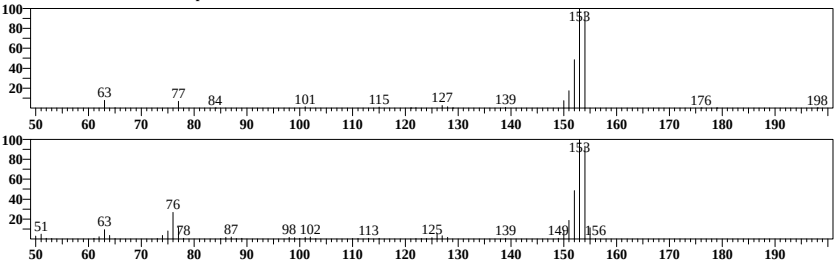
#	m/z	Area	Ratio	Reference
1	89.00	91990	97.69	96.00
2	63.00	69849	74.18	80.00



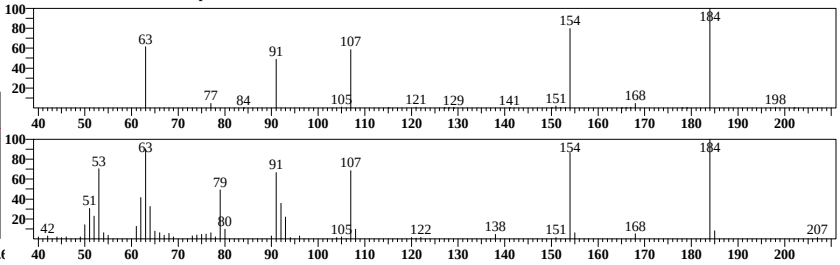
ID#:61 R.Time:14.927(Scan#:2315)
MassPeaks:33
RawMode:Averaged 14.917-14.937(2313-2317)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



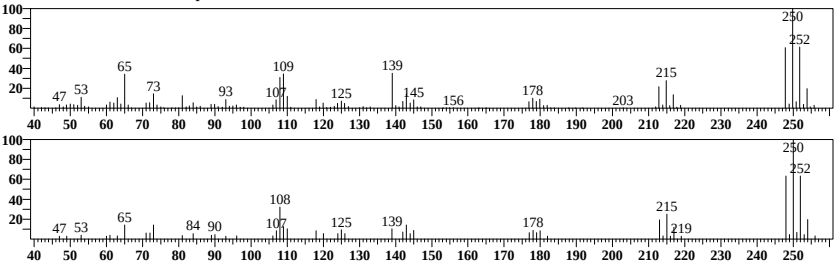
ID#:62 R.Time:15.025(Scan#:2336)
MassPeaks:20
RawMode:Averaged 15.016-15.035(2334-2338)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



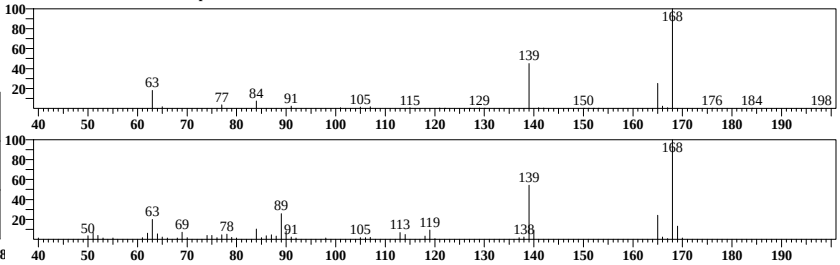
ID#:63 R.Time:15.085(Scan#:2348)
MassPeaks:26
RawMode:Averaged 15.075-15.094(2346-2350)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



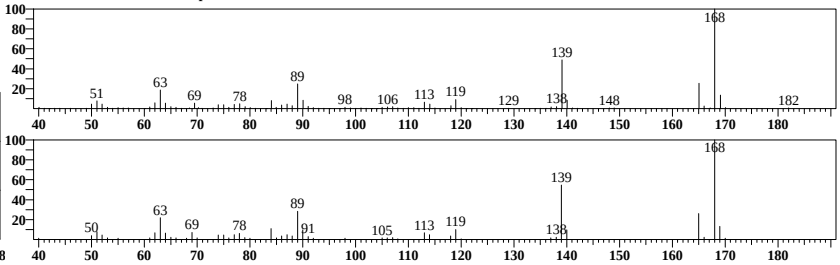
ID#:64 R.Time:15.242(Scan#:2379)
MassPeaks:111
RawMode:Averaged 15.232-15.252(2377-2381)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:65 R.Time:15.311(Scan#:2394)
MassPeaks:28
RawMode:Averaged 15.301-15.320(2392-2396)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



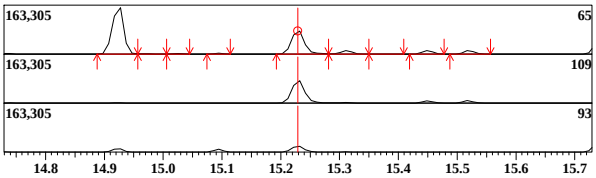
ID#:66 R.Time:15.311(Scan#:2393)
MassPeaks:92
RawMode:Averaged 15.301-15.320(2391-2395)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



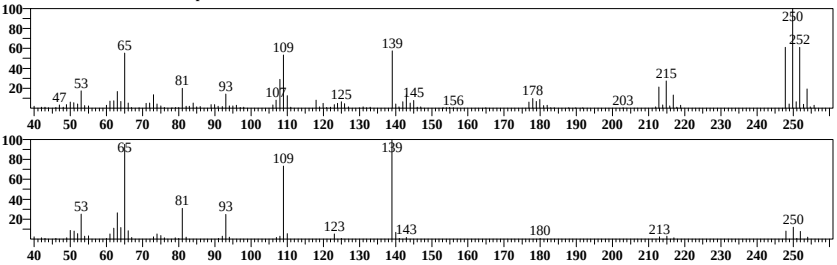
ID#:67 Name:4-Nitrophenol Type:Target No Manual Integration

Mass:65.00 R.T:15.229 Area:123634 Conc:51.34669ppm
Event:1:Scan SI:71

#	m/z	Area	Ratio	Reference
1	109.00	55225	96.39	97.00
2	93.00	14706	25.67	21.72



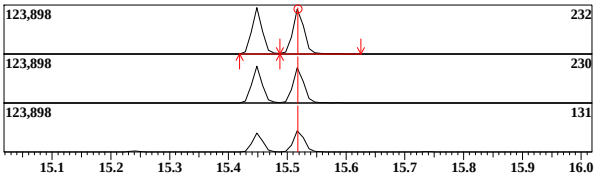
ID#:67 R.Time:15.232(Scan#:2377)
MassPeaks:111
RawMode:Averaged 15.222-15.242(2375-2379)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



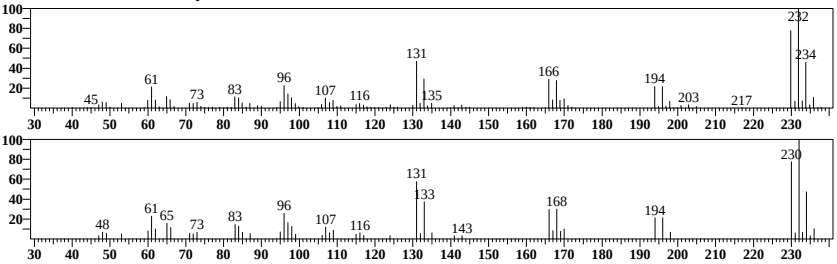
ID#:68 Name:2,3,4,6-Tetrachlorophenol Type:Target No Manual Integration

Mass:232.00 R.T:15.518 Area:153772 Conc:54.57175ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	230.00	58627	77.92	75.09
2	131.00	35427	47.09	41.75



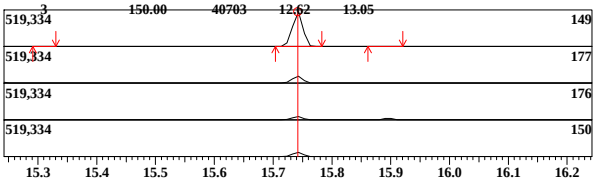
ID#:68 R.Time:15.517(Scan#:2435)
MassPeaks:104
RawMode:Averaged 15.507-15.527(2433-2437)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



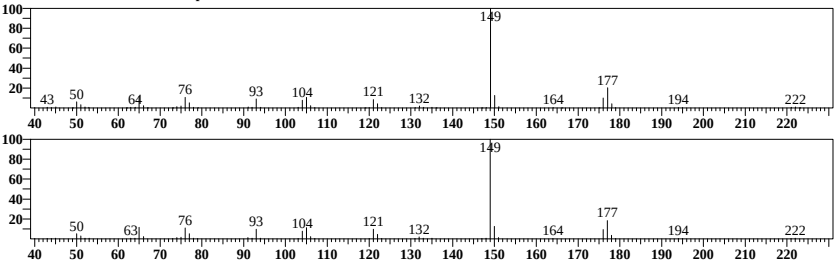
ID#:69 Name:Diethyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:15.742 Area:609253 Conc:52.83486ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	177.00	65272	20.24	23.56
2	176.00	32353	10.03	10.95
3	150.00	40703	12.62	13.05



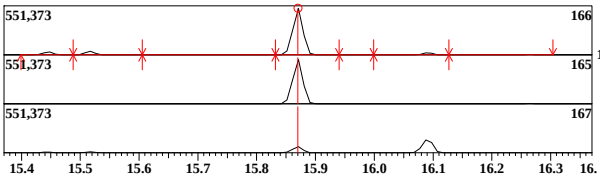
ID#:69 R.Time:15.743(Scan#:2481)
MassPeaks:58
RawMode:Averaged 15.733-15.753(2479-2483)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



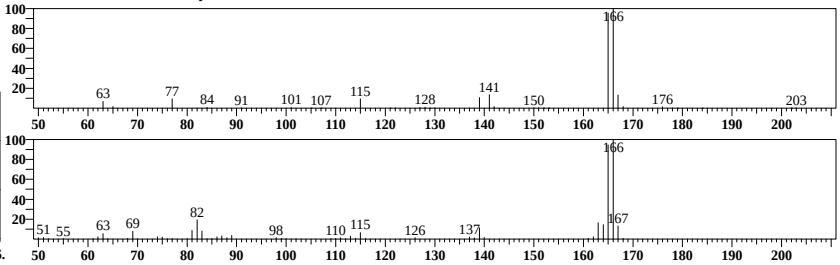
ID#:70 Name:Fluorene Type:Target No Manual Integration

Mass:166.00 R.T:15.870 Area:643289 Conc:50.19569ppm
Event:2:SIM SI:95

#	m/z	Area	Ratio	Reference
1	165.00	325451	95.47	75.42
2	167.00	45342	13.30	3.39



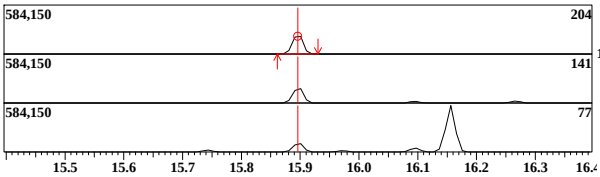
ID#:70 R.Time:15.871(Scan#:2508)
MassPeaks:32
RawMode:Averaged 15.861-15.881(2506-2510)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



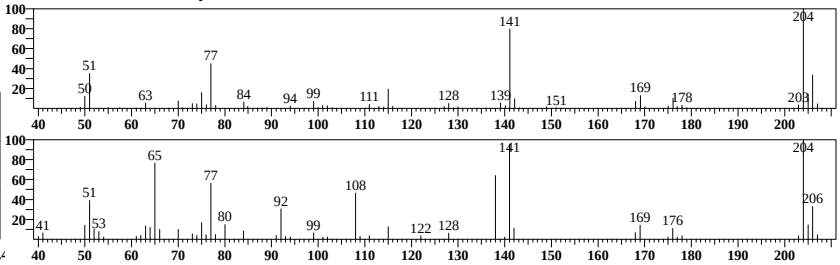
ID#:71 Name:4-Chlorophenyl phenyl ether Type:Target No Manual Integration

Mass:204.00 R.T:15.896 Area:298968 Conc:52.40267ppm
Event:1:Scan SI:73

#	m/z	Area	Ratio	Reference
1	141.00	121406	79.59	98.00
2	77.00	68568	44.95	53.19



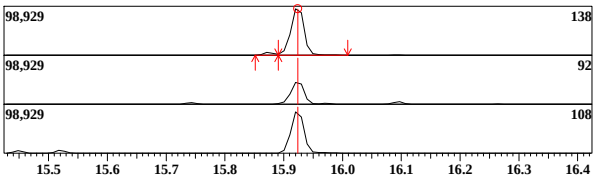
ID#:71 R.Time:15.901(Scan#:2513)
MassPeaks:69
RawMode:Averaged 15.891-15.911(2511-2515)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



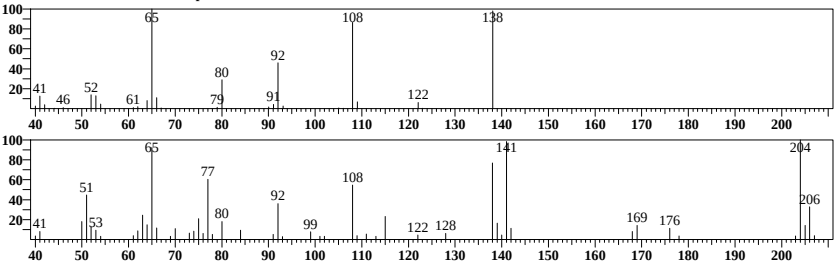
ID#:72 Name:4-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:15.924 Area:153290 Conc:54.07453ppm
Event:1:Scan SI:53

#	m/z	Area	Ratio	Reference
1	92.00	34088	47.03	64.55
2	108.00	64132	88.48	83.01



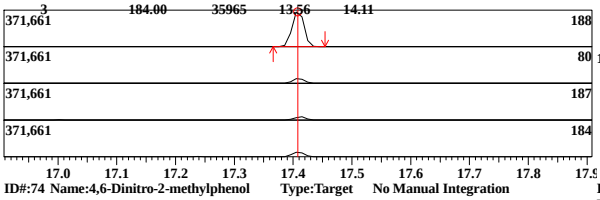
ID#:72 R.Time:15.920(Scan#:2517)
MassPeaks:27
RawMode:Averaged 15.911-15.930(2515-2519)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:73 Name:Phenanthrene-d10 (IS) Type:ISTD No Manual Integration

Mass:188.00 R.T:17.408 Area:521421 Conc:40.00000ppm
Event:1:Scan SI:97

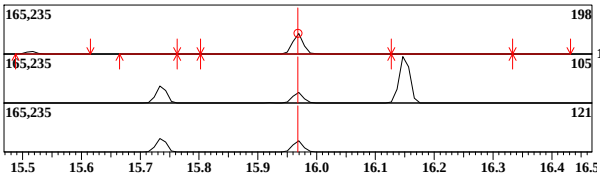
#	m/z	Area	Ratio	Reference
1	80.00	34726	13.09	15.93
2	187.00	22252	8.39	10.00
3	184.00	35965	13.56	14.11



ID#:74 Name:4,6-Dinitro-2-methylphenol Type:Target No Manual Integration

Mass:198.00 R.T:15.968 Area:92069 Conc:50.95387ppm
Event:2:SIM SI:96

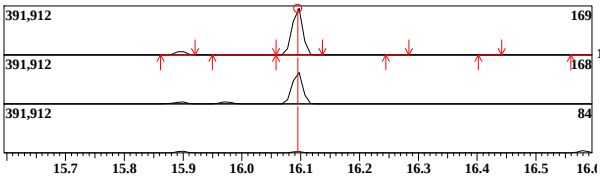
#	m/z	Area	Ratio	Reference
1	105.00	22218	47.80	55.83
2	121.00	25545	54.96	44.01



ID#:75 Name:N-NitrosodiphenylamineType:Target No Manual Integration

Mass:169.00 R.T:16.095 Area:480125 Conc:53.22415ppm
Event:1:Scan SI:97

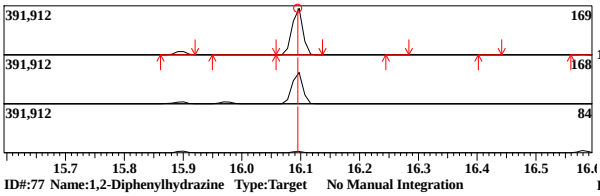
#	m/z	Area	Ratio	Reference
1	168.00	169611	67.55	64.38
2	84.00	8531	3.40	2.92



ID#:76 Name:Diphenylamine Type:Target No Manual Integration

Mass:169.00 R.T:16.095 Area:480125 Conc:53.22415ppm
Event:1:Scan SI:97

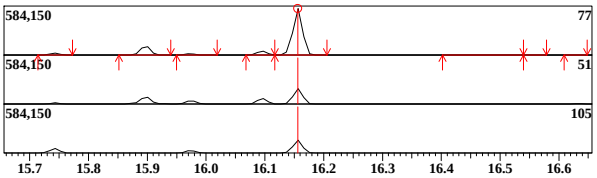
#	m/z	Area	Ratio	Reference
1	168.00	169611	67.55	64.38
2	84.00	8531	3.40	2.92



ID#:77 Name:1,2-Diphenylhydrazine Type:Target No Manual Integration

Mass:77.00 R.T:16.156 Area:644330 Conc:53.34646ppm
Event:1:Scan SI:95

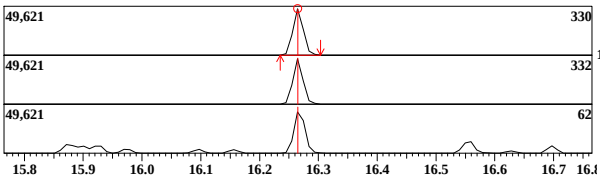
#	m/z	Area	Ratio	Reference
1	51.00	115083	33.37	21.73
2	105.00	95229	27.61	6.07



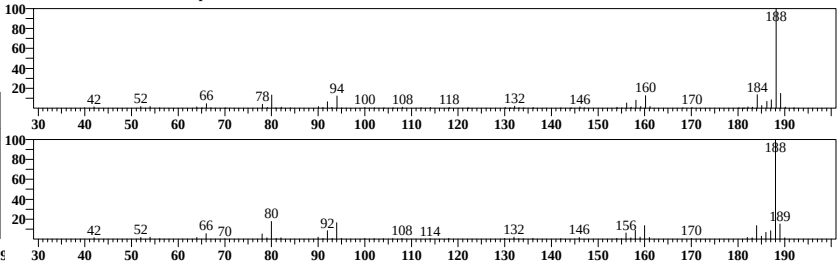
ID#:78 Name:2,4,6-Tribromophenol Type:Surrogate/SMC No Manual Integration

Mass:330.00 R.T:16.265 Area:59585 Conc:50.11282ppm
Event:1:Scan SI:72

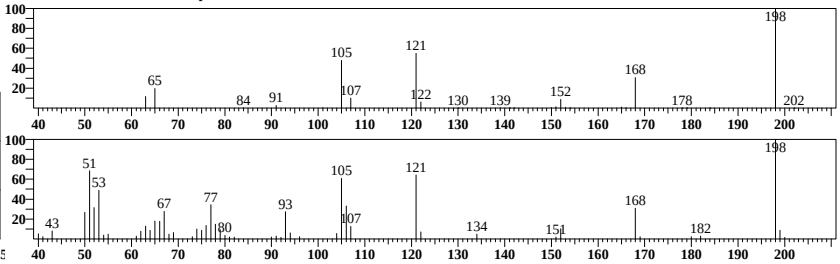
#	m/z	Area	Ratio	Reference
1	332.00	29820	95.42	100.00
2	62.00	28967	92.69	97.00



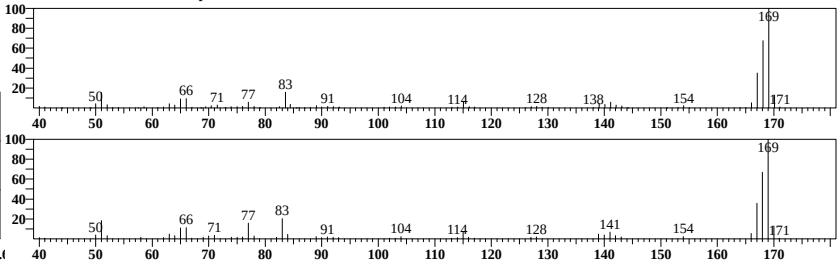
ID#:73 R.Time:17.405(Scan#:2819)
MassPeaks:63
RawMode:Averaged 17.395-17.415(2817-2821)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



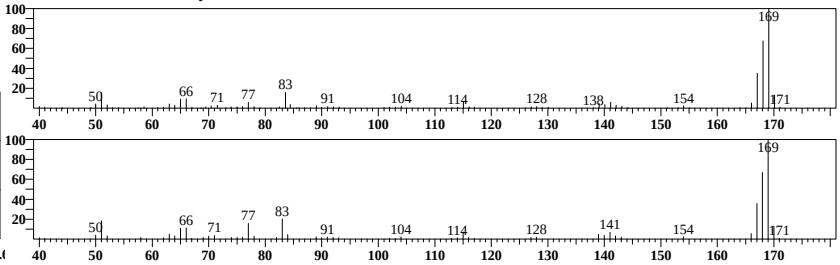
ID#:74 R.Time:15.970(Scan#:2528)
MassPeaks:26
RawMode:Averaged 15.960-15.979(2526-2530)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



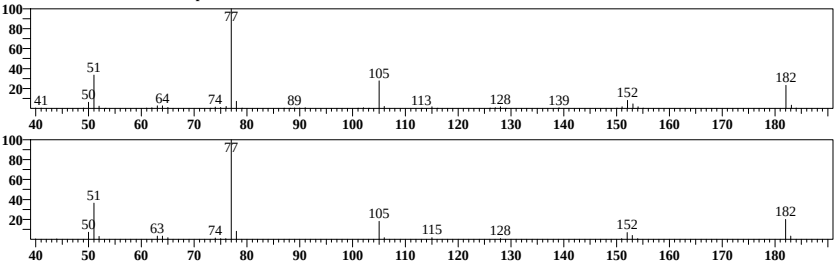
ID#:75 R.Time:16.097(Scan#:2553)
MassPeaks:74
RawMode:Averaged 16.087-16.107(2551-2555)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



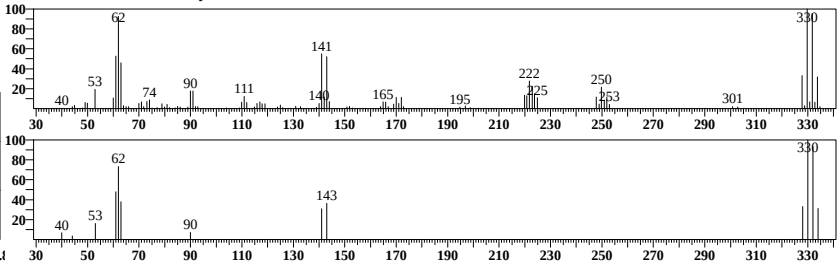
ID#:76 R.Time:16.097(Scan#:2553)
MassPeaks:74
RawMode:Averaged 16.087-16.107(2551-2555)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:77 R.Time:16.156(Scan#:2565)
MassPeaks:46
RawMode:Averaged 16.147-16.166(2563-2567)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



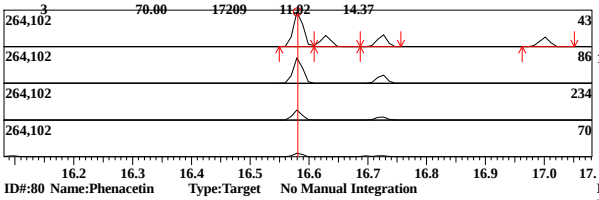
ID#:78 R.Time:16.265(Scan#:2587)
MassPeaks:91
RawMode:Averaged 16.255-16.274(2585-2589)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



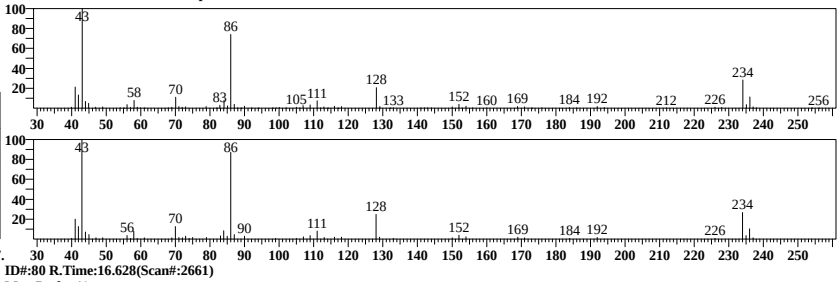
ID#:79 Name:(cis/trans)-Diallate Type:Target No Manual Integration

Mass:43.00 R.T:16.581 Area:303991 Conc:53.34349ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	86.00	115619	74.07	76.79
2	234.00	43963	28.16	26.39
3	70.00	17209	11.02	14.37



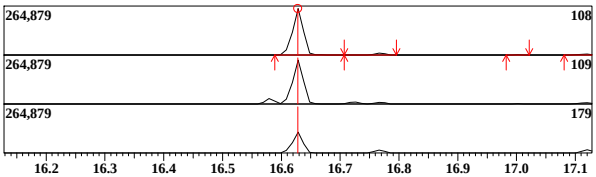
ID#:79 R.Time:16.579(Scan#:2651)
MassPeaks:81
RawMode:Averaged 16.569-16.589(2649-2653)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



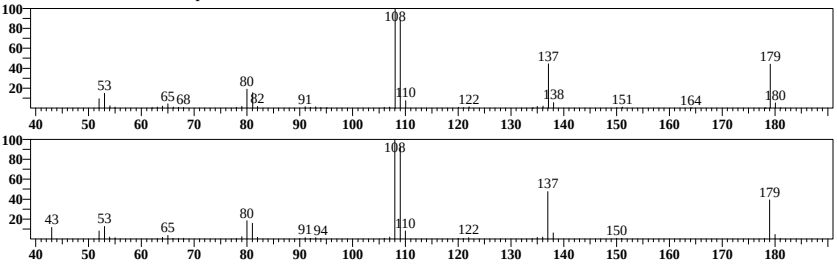
ID#:80 Name:Phenacetin Type:Target No Manual Integration

Mass:108.00 R.T:16.628 Area:325413 Conc:54.96168ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	109.00	146198	87.95	83.01
2	179.00	73348	44.13	44.31



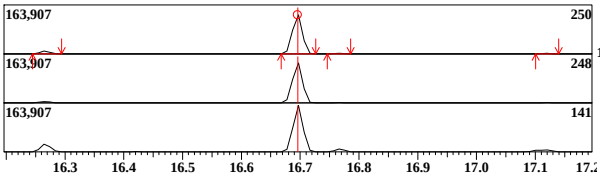
ID#:80 R.Time:16.628(Scan#:2661)
MassPeaks:41
RawMode:Averaged 16.619-16.638(2659-2663)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



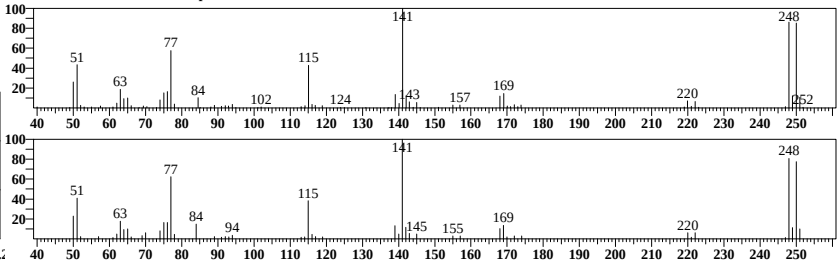
ID#:81 Name:4-Bromophenyl phenyl ether Type:Target No Manual Integration

Mass:250.00 R.T:16.696 Area:160089 Conc:53.47101ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	248.00	86901	101.24	105.86
2	141.00	100736	117.36	137.00



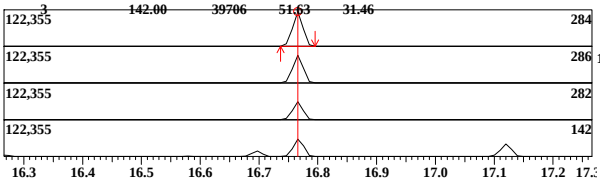
ID#:81 R.Time:16.697(Scan#:2675)
MassPeaks:74
RawMode:Averaged 16.687-16.707(2673-2677)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



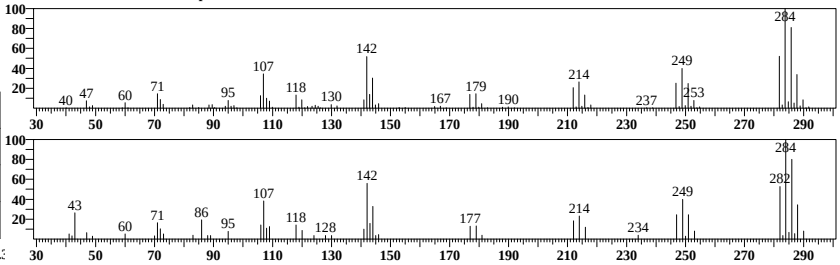
ID#:82 Name:Hexachlorobenzene Type:Target No Manual Integration

Mass:284.00 R.T:16.766 Area:145034 Conc:53.14541ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	286.00	62349	81.07	79.72
2	282.00	40082	52.12	51.93
3	142.00	39706	51.63	31.46



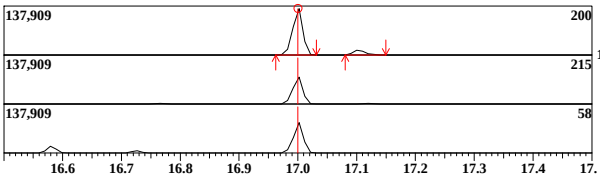
ID#:82 R.Time:16.766(Scan#:2689)
MassPeaks:86
RawMode:Averaged 16.756-16.776(2687-2691)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



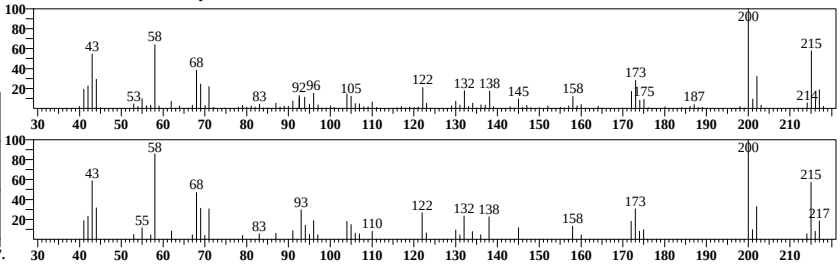
ID#:83 Name:Atrazine Type:Target No Manual Integration

Mass:200.00 R.T:17.000 Area:159241 Conc:52.78329ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	215.00	48164	57.81	59.43
2	58.00	53313	63.99	64.00



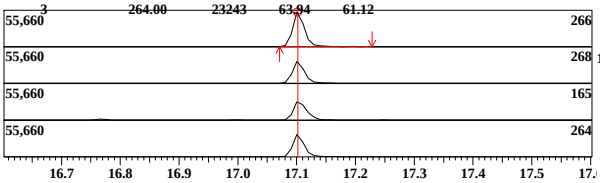
ID#:83 R.Time:17.002(Scan#:2737)
MassPeaks:117
RawMode:Averaged 16.992-17.012(2735-2739)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



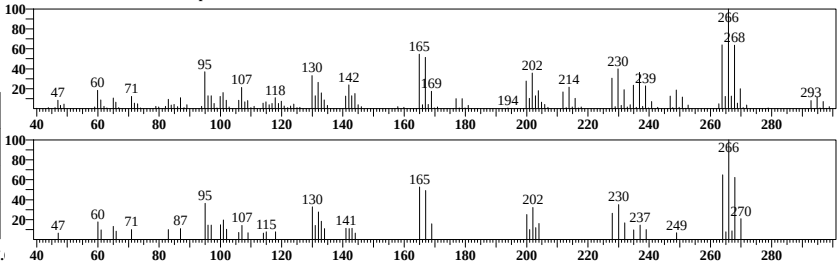
ID#:84 Name:Pentachlorophenol Type:Target No Manual Integration

Mass:266.00 R.T:17.102 Area:77667 Conc:50.76909ppm
Event:1:Scan SI:88

#	m/z	Area	Ratio	Reference
1	268.00	23196	63.81	59.97
2	165.00	19907	54.76	41.42
3	264.00	23243	63.94	61.12



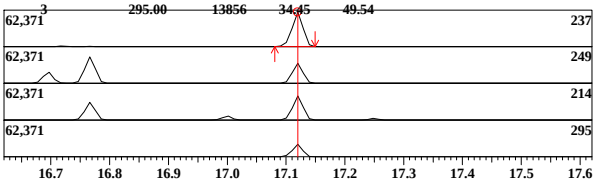
ID#:84 R.Time:17.100(Scan#:2757)
MassPeaks:139
RawMode:Averaged 17.090-17.110(2755-2759)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

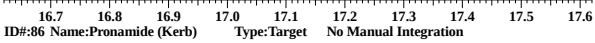


ID#:85 Name:Pentachloronitrobenzene Type:Target No Manual Integration

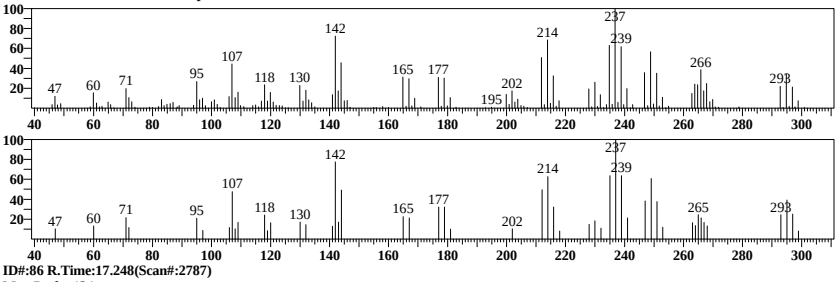
Mass:237.00 R.T:17.120 Area:78054 Conc:54.78169ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	249.00	22759	56.59	68.26
2	214.00	27566	68.54	62.54
3	295.00	13856	34.45	49.54





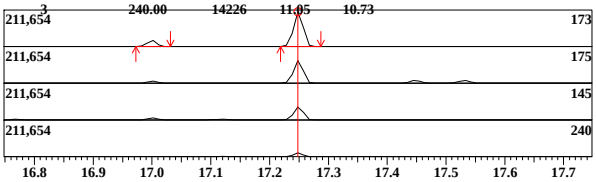
ID#:85 R.Time:17.120(Scan#:2761)
MassPeaks:145
RawMode:Averaged 17.110-17.130(2759-2763)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

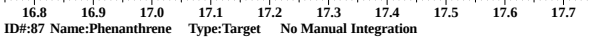


ID#:86 Name:Pronamide (Kerb) Type:Target No Manual Integration

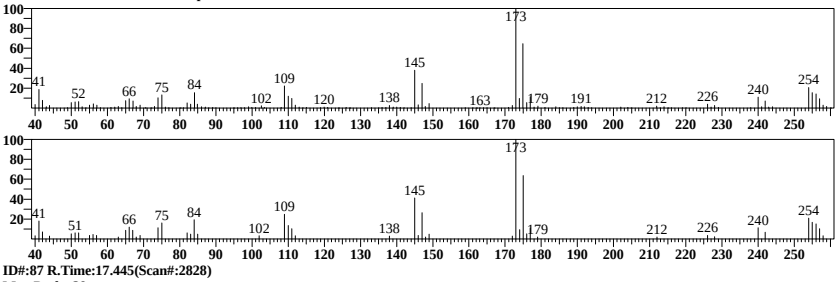
Mass:173.00 R.T:17.248 Area:237631 Conc:53.85669ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	175.00	83123	64.57	60.85
2	145.00	48760	37.88	30.82
3	240.00	14226	11.05	10.73





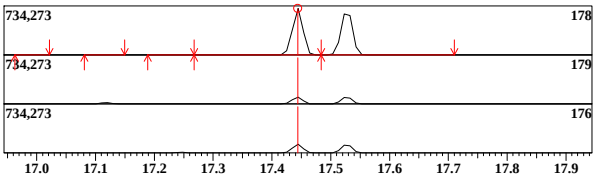
ID#:86 R.Time:17.248(Scan#:2787)
MassPeaks:134
RawMode:Averaged 17.238-17.258(2785-2789)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

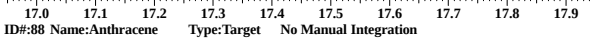


ID#:87 Name:Phenanthrene Type:Target No Manual Integration

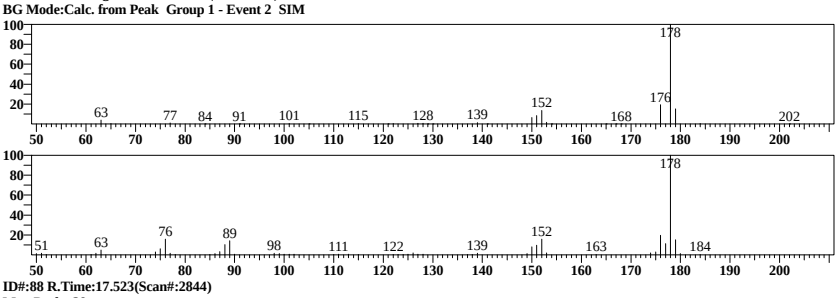
Mass:178.00 R.T:17.444 Area:892166 Conc:51.38649ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	179.00	71061	15.13	15.63
2	176.00	89993	19.16	18.75





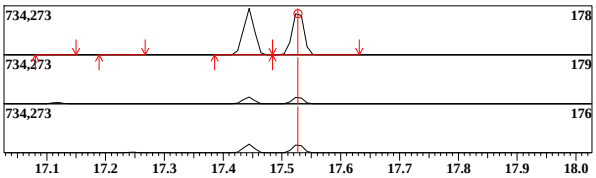
ID#:87 R.Time:17.445(Scan#:2828)
MassPeaks:29
RawMode:Averaged 17.435-17.454(2826-2830)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM

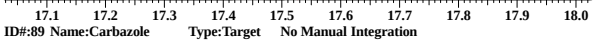


ID#:88 Name:Anthracene Type:Target No Manual Integration

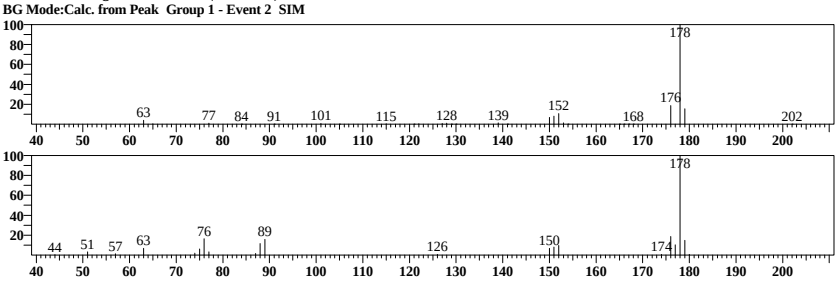
Mass:178.00 R.T:17.527 Area:919233 Conc:50.88869ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	179.00	72391	15.50	12.08
2	176.00	87475	18.73	20.60





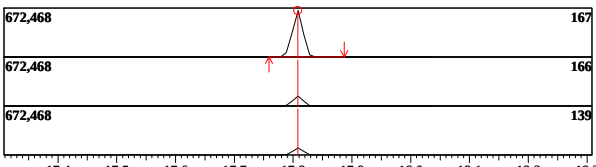
ID#:88 R.Time:17.523(Scan#:2844)
MassPeaks:29
RawMode:Averaged 17.513-17.533(2842-2846)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM

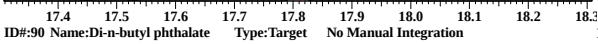


ID#:89 Name:Carbazole Type:Target No Manual Integration

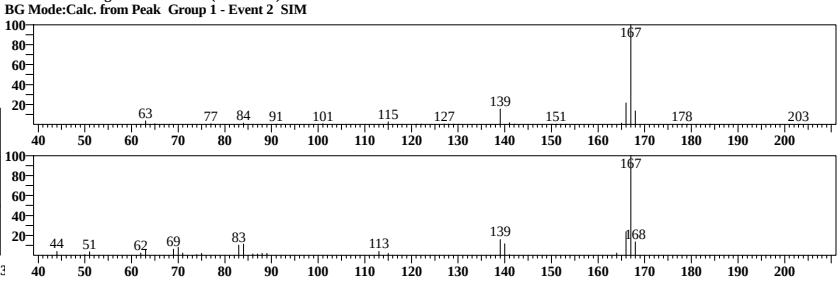
Mass:167.00 R.T:17.808 Area:824291 Conc:51.27151ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	166.00	92248	21.42	20.96
2	139.00	67126	15.58	12.92





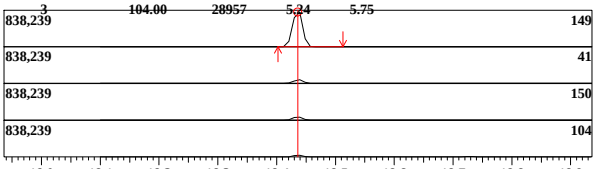
ID#:89 R.Time:17.808(Scan#:2902)
MassPeaks:28
RawMode:Averaged 17.799-17.818(2900-2904)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM

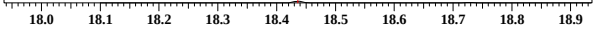


ID#:90 Name:Di-n-butyl phthalate Type:Target No Manual Integration

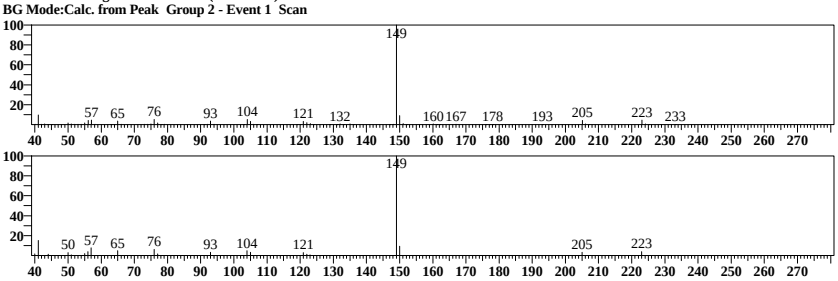
Mass:149.00 R.T:18.436 Area:999225 Conc:52.70253ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	41.00	54028	9.78	10.41
2	150.00	50004	9.05	8.84
3	104.00	28957	5.24	5.75





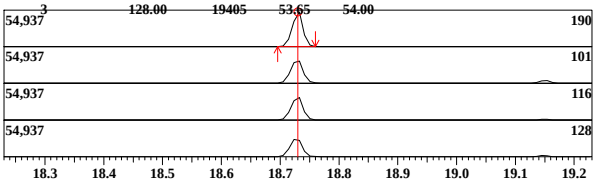
ID#:90 R.Time:18.439(Scan#:3023)
MassPeaks:69
RawMode:Averaged 18.430-18.448(3021-3025)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



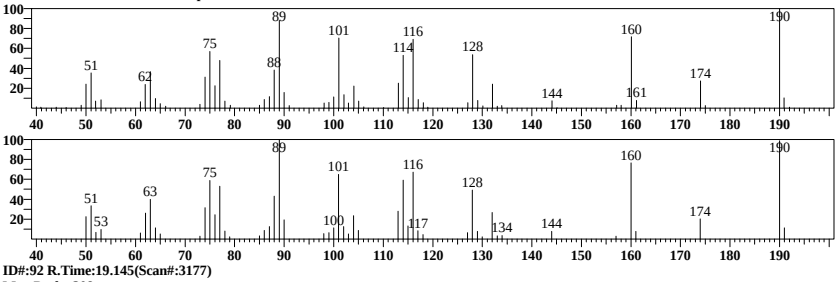
ID#:91 Name:4-Nitroquinoline-N-Oxide Type:Target No Manual Integration

Mass:190.00 R.T:18.730 Area:68062 Conc:50.65104ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	101.00	25491	70.47	71.00
2	116.00	25036	69.22	70.00
3	128.00	19405	53.65	54.00

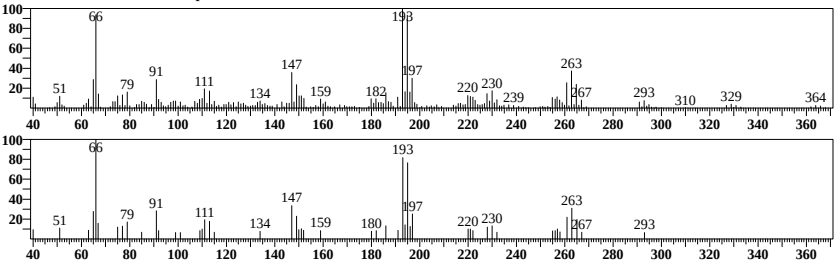


ID#:91 R.Time:18.733(Scan#:3087)
MassPeaks:64
RawMode:Averaged 18.723-18.742(3085-3089)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



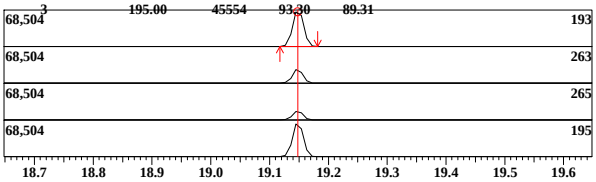
ID#:92 Name:Isodrin Type:Target No Manual Integration

ID#:92 R.Time:19.145(Scan#:3177)
MassPeaks:208
RawMode:Averaged 19.136-19.154(3175-3179)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



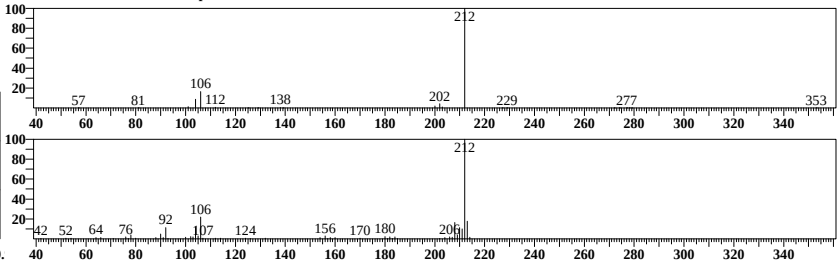
Mass:193.00 R.T:19.148 Area:91253 Conc:53.18142ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	263.00	18256	37.39	42.74
2	265.00	11568	23.69	29.49
3	195.00	45554	93.30	89.31



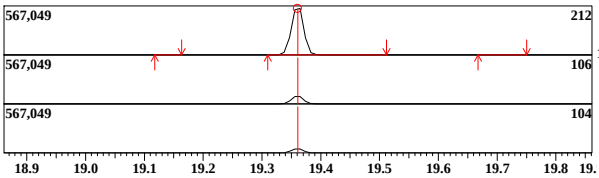
ID#:93 Name:Fluoranthene-d10 Type:Target No Manual Integration

ID#:93 R.Time:19.365(Scan#:3226)
MassPeaks:22
RawMode:Averaged 19.356-19.374(3224-3228)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



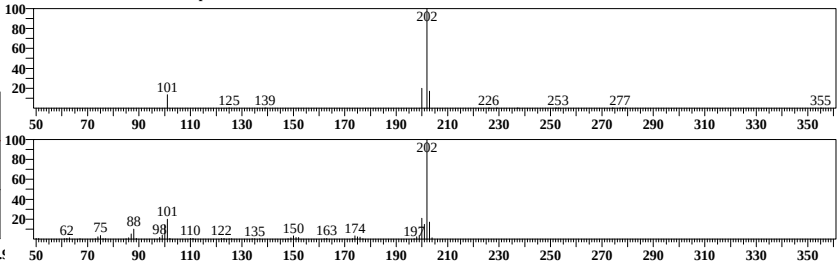
Mass:212.00 R.T:19.361 Area:847514 Conc:52.40989ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	106.00	68882	16.36	22.08
2	104.00	36936	8.77	12.34



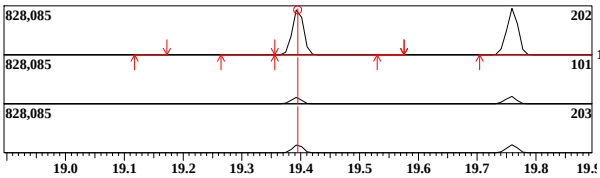
ID#:94 Name:Fluoranthene Type:Target No Manual Integration

ID#:94 R.Time:19.392(Scan#:3232)
MassPeaks:16
RawMode:Averaged 19.383-19.402(3230-3234)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



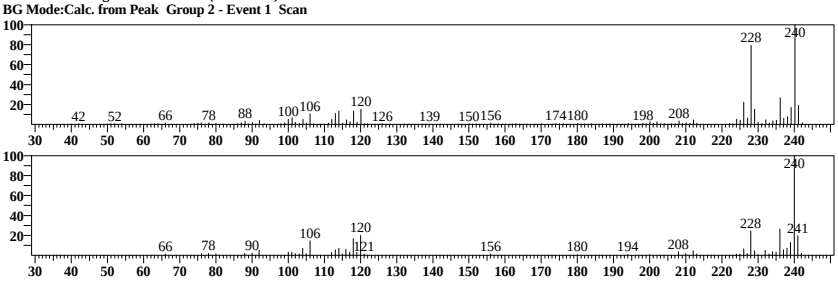
Mass:202.00 R.T:19.395 Area:1063144 Conc:49.94098ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	101.00	78031	13.63	14.12
2	203.00	96877	16.91	6.47



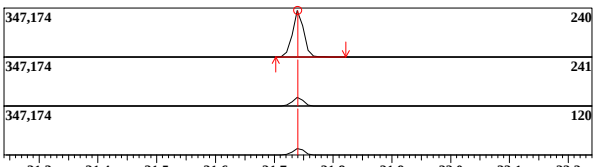
ID#:95 Name:Chrysene-d12 (IS) Type:ISTD No Manual Integration

ID#:95 R.Time:21.739(Scan#:3743)
MassPeaks:153
RawMode:Averaged 21.730-21.748(3741-3745)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



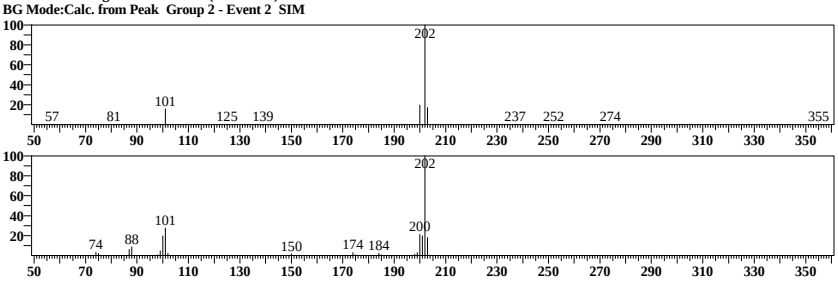
Mass:240.00 R.T:21.740 Area:445785 Conc:40.00000ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	241.00	44860	18.98	19.13
2	120.00	35502	15.02	14.79



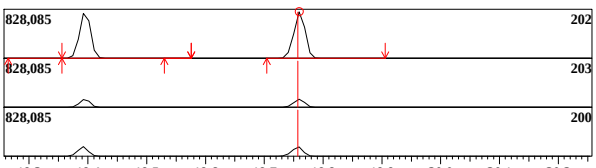
ID#:96 Name:Pyrene Type:Target No Manual Integration

ID#:96 R.Time:19.759(Scan#:3312)
MassPeaks:18
RawMode:Averaged 19.750-19.768(3310-3314)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



Mass:202.00 R.T:19.760 Area:1075276 Conc:51.35422ppm
Event:2:SIM SI:92

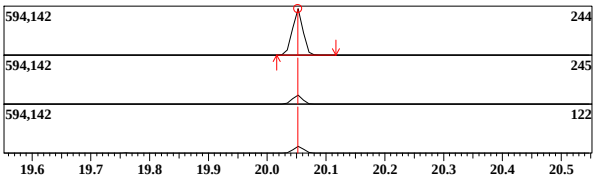
#	m/z	Area	Ratio	Reference
1	203.00	99160	17.19	18.13
2	200.00	112584	19.52	4.68



ID#:97 Name:p-Terphenyl-d14Type:Surrogate/SMC No Manual Integration

Mass:244.00 R.T:20.052 Area:699819 Conc:52.74741ppm
Event:1:Scan SI:81

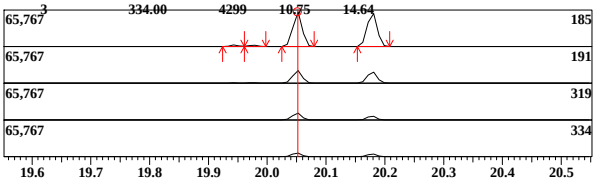
#	m/z	Area	Ratio	Reference
1	245.00	75950	19.60	19.16
2	122.00	57591	14.87	13.22



ID#:98 Name:Aramite A Type:Target No Manual Integration

Mass:185.00 R.T:20.052 Area:69620 Conc:25.40001ppm
Event:1:Scan SI:44

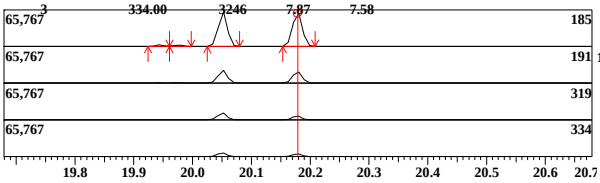
#	m/z	Area	Ratio	Reference
1	191.00	14858	37.16	44.95
2	319.00	7963	19.91	34.11
3	334.00	4299	10.75	14.64



ID#:99 Name:Aramite B Type:Target No Manual Integration

Mass:185.00 R.T:20.179 Area:73561 Conc:27.63518ppm
Event:1:Scan SI:96

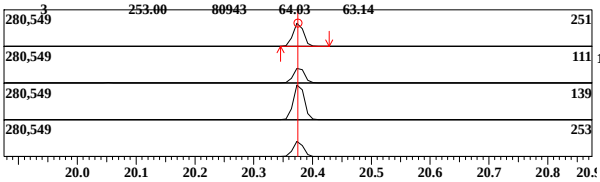
#	m/z	Area	Ratio	Reference
1	191.00	13628	33.02	42.53
2	319.00	4522	10.96	13.52
3	334.00	3246	7.87	7.58



ID#:100 Name:Chlorobenzilate Type:Target No Manual Integration

Mass:251.00 R.T:20.375 Area:227243 Conc:55.42660ppm
Event:1:Scan SI:98

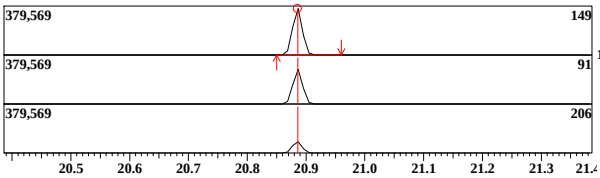
#	m/z	Area	Ratio	Reference
1	111.00	83000	65.65	55.84
2	139.00	193959	153.42	178.00
3	253.00	80943	64.03	63.14



ID#:101 Name:Butyl benzyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:20.886 Area:432398 Conc:54.47307ppm
Event:1:Scan SI:88

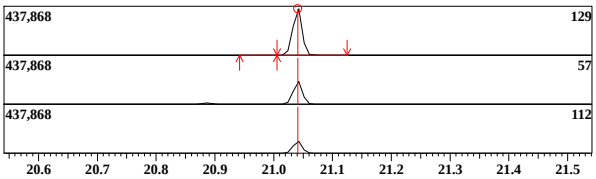
#	m/z	Area	Ratio	Reference
1	91.00	179906	74.07	92.95
2	206.00	58948	24.27	26.43



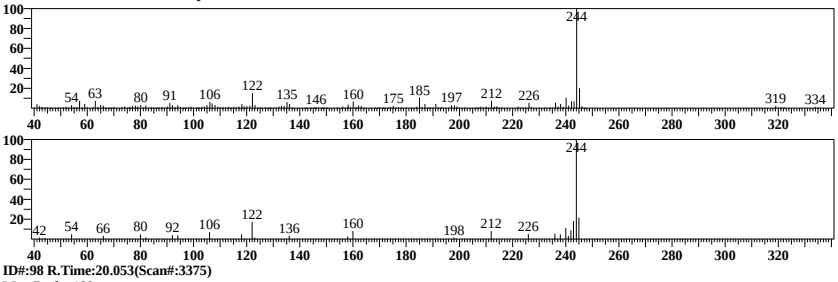
ID#:102 Name:Di(2-ethylhexyl) adipate Type:Target No Manual Integration

Mass:129.00 R.T:21.041 Area:468807 Conc:54.84861ppm
Event:1:Scan SI:98

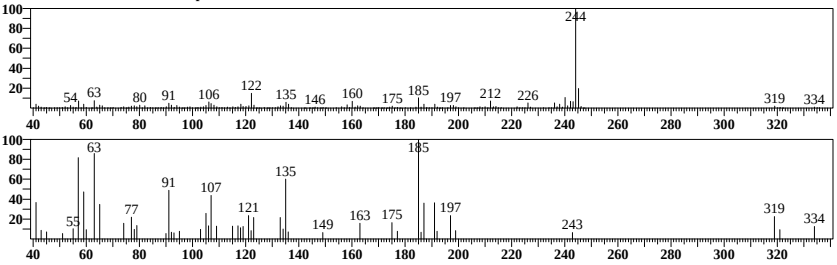
#	m/z	Area	Ratio	Reference
1	57.00	129366	49.13	40.00
2	112.00	68433	25.99	27.60



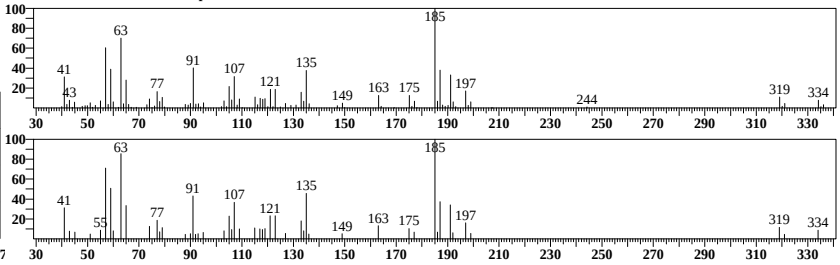
ID#:97 R.Time:20.053(Scan#:3375)
MassPeaks:180
RawMode:Averaged 20.043-20.062(3373-3377)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



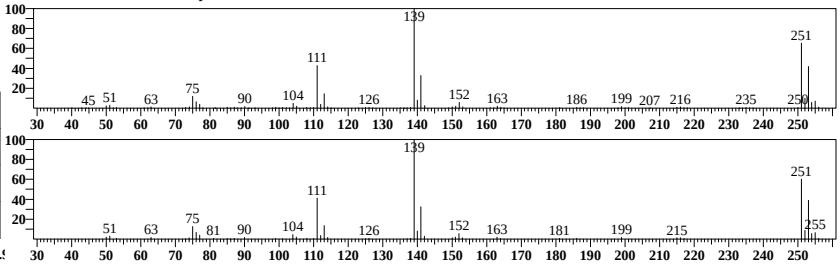
ID#:98 R.Time:20.053(Scan#:3375)
MassPeaks:180
RawMode:Averaged 20.043-20.062(3373-3377)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



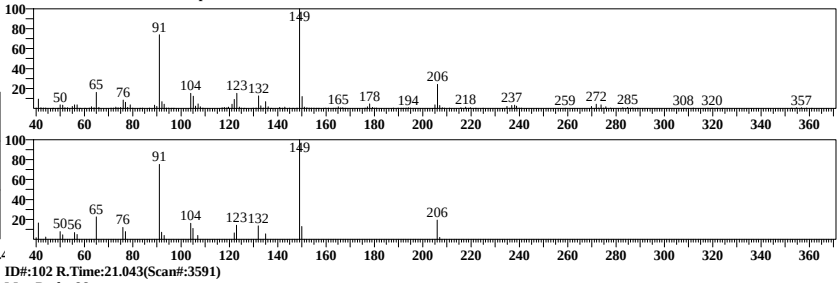
ID#:99 R.Time:20.181(Scan#:3403)
MassPeaks:96
RawMode:Averaged 20.172-20.190(3401-3405)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



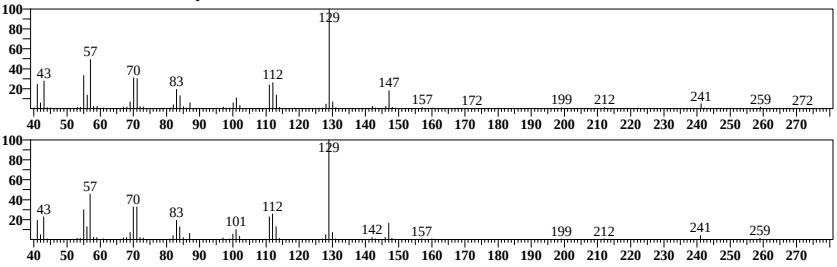
ID#:100 R.Time:20.373(Scan#:3445)
MassPeaks:90
RawMode:Averaged 20.364-20.383(3443-3447)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



ID#:101 R.Time:20.887(Scan#:3557)
MassPeaks:147
RawMode:Averaged 20.878-20.896(3555-3559)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



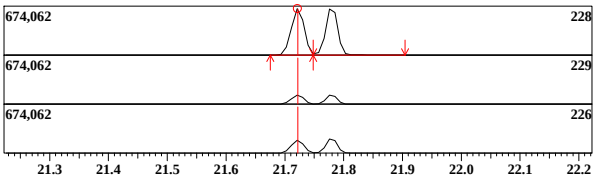
ID#:102 R.Time:21.043(Scan#:3591)
MassPeaks:86
RawMode:Averaged 21.033-21.052(3589-3593)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



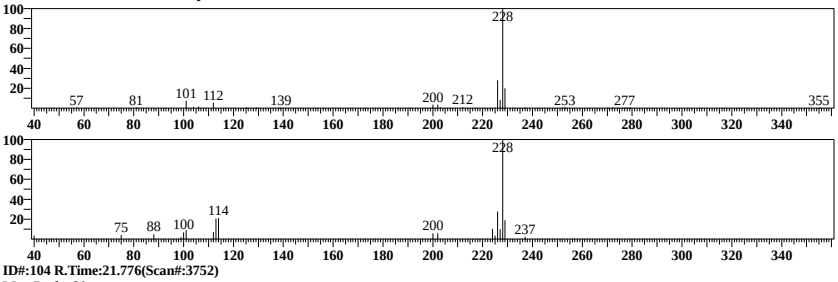
ID#:103 Name:Benzo[a]anthracene Type:Target No Manual Integration

Mass:228.00 R.T:21.722 Area:993419 Conc:52.63433ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	229.00	96297	19.50	27.13
2	226.00	136920	27.72	24.70



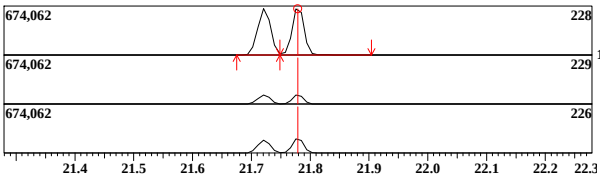
ID#:103 R.Time:21.721(Scan#:3740)
MassPeaks:29
RawMode:Averaged 21.712-21.730(3738-3742)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



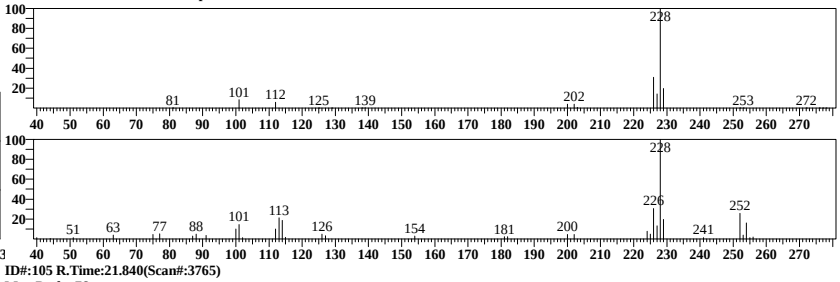
ID#:104 Name:Chrysene Type:Target No Manual Integration

Mass:228.00 R.T:21.779 Area:937515 Conc:49.76829ppm
Event:2:SIM SI:80

#	m/z	Area	Ratio	Reference
1	229.00	91124	19.48	27.13
2	226.00	144013	30.79	24.70



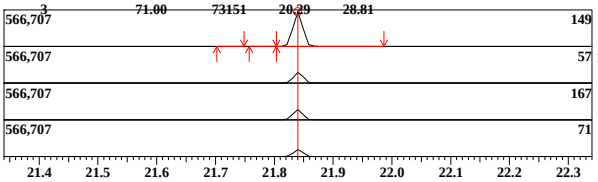
ID#:104 R.Time:21.776(Scan#:3752)
MassPeaks:20
RawMode:Averaged 21.767-21.785(3750-3754)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



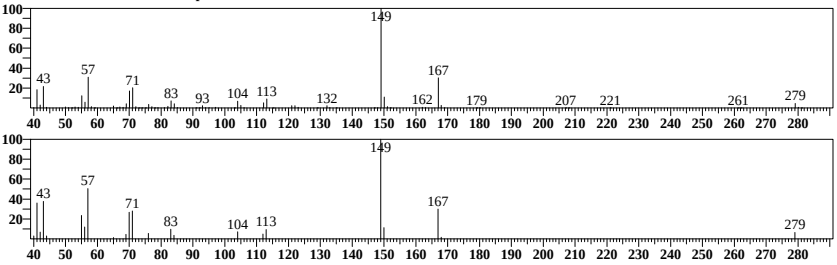
ID#:105 Name:Bis(2-Ethylhexyl) phthalate Type:Target No Manual Integration

Mass:149.00 R.T:21.840 Area:638978 Conc:54.86407ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	57.00	111701	30.98	45.69
2	167.00	108880	30.20	32.70
3	71.00	73151	20.29	28.81



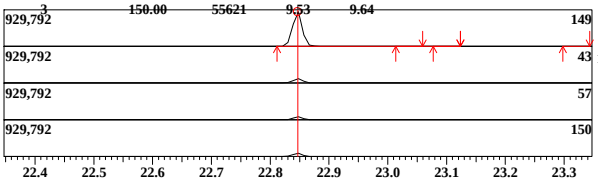
ID#:105 R.Time:21.840(Scan#:3765)
MassPeaks:76
RawMode:Averaged 21.831-21.849(3763-3767)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



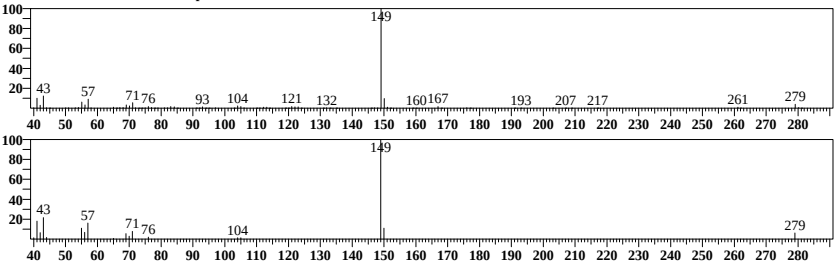
ID#:106 Name:Di-n-octyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:22.847 Area:1063018 Conc:54.66523ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	43.00	71435	12.24	13.63
2	57.00	52915	9.07	13.85
3	150.00	55621	9.53	9.64



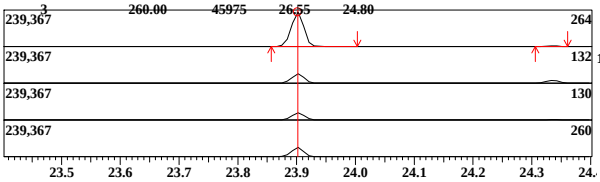
ID#:106 R.Time:22.848(Scan#:3985)
MassPeaks:83
RawMode:Averaged 22.839-22.858(3983-3987)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



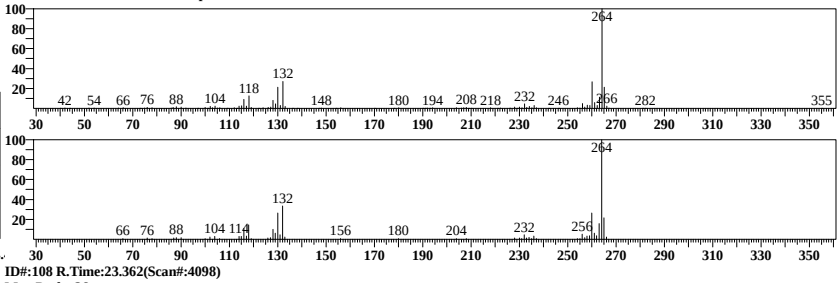
ID#:107 Name:Perylene-d12 (IS) Type:ISTD No Manual Integration

Mass:264.00 R.T:23.902 Area:341417 Conc:40.00000ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	132.00	46547	26.88	20.63
2	130.00	36656	21.17	16.36
3	260.00	45975	26.55	24.80



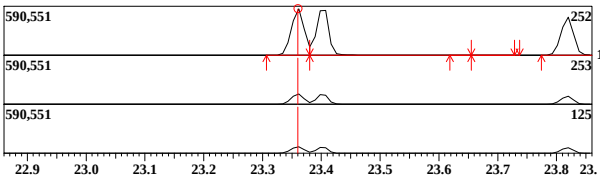
ID#:107 R.Time:23.903(Scan#:4215)
MassPeaks:96
RawMode:Averaged 23.893-23.912(4213-4217)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



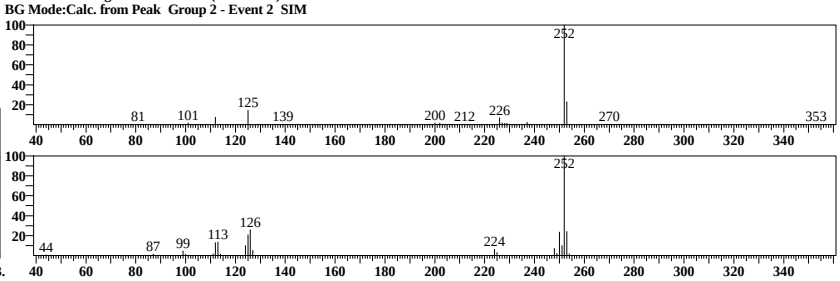
ID#:108 Name:Benzo[b]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.360 Area:870264 Conc:51.47872ppm
Event:2:SIM SI:72

#	m/z	Area	Ratio	Reference
1	253.00	81198	22.83	24.52
2	125.00	51713	14.54	21.64



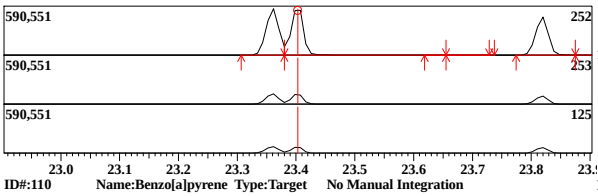
ID#:108 R.Time:23.362(Scan#:4098)
MassPeaks:26
RawMode:Averaged 23.352-23.371(4096-4100)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



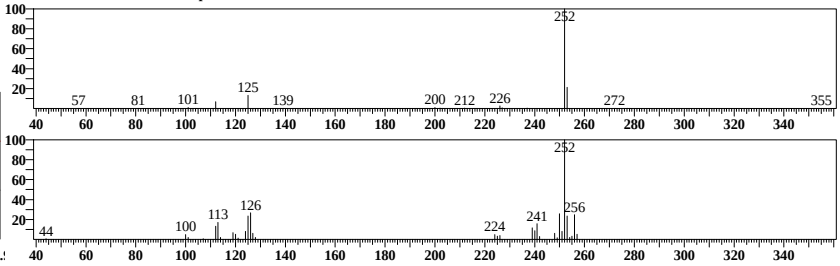
ID#:109 Name:Benzo[k]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.403 Area:830699 Conc:51.56249ppm
Event:2:SIM SI:77

#	m/z	Area	Ratio	Reference
1	253.00	71839	21.29	24.52
2	125.00	44130	13.08	21.64



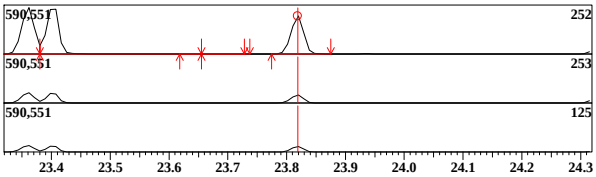
ID#:109 R.Time:23.398(Scan#:4106)
MassPeaks:22
RawMode:Averaged 23.389-23.407(4104-4108)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



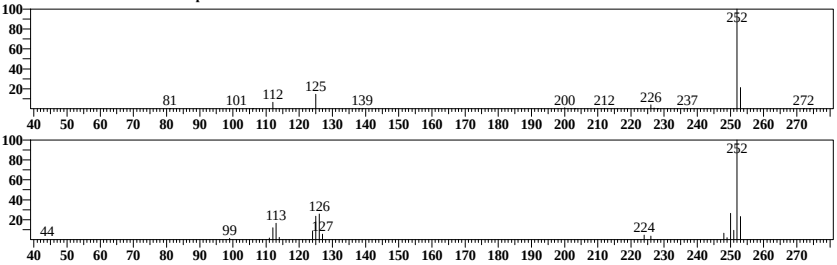
ID#:110 Name:Benzo[a]pyrene Type:Target No Manual Integration

Mass:252.00 R.T:23.819 Area:690960 Conc:52.28575ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	253.00	74010	21.07	24.52
2	125.00	50375	14.34	21.64



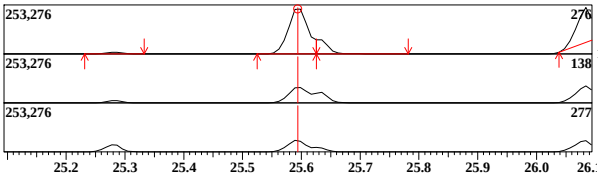
ID#:110 R.Time:23.820(Scan#:4198)
MassPeaks:19
RawMode:Averaged 23.811-23.829(4196-4200)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



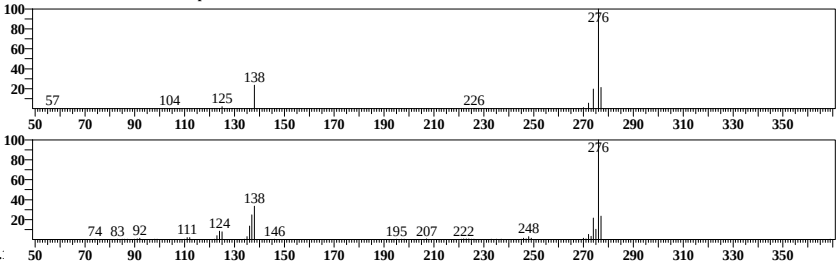
ID#:111 Name:Indeno(1,2,3-cd)pyrene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/1/2022

Mass:276.00 R.T:25.594 Area:568428 Conc:54.62265ppm
Event:2:SIM SI:95

#	m/z	Area	Ratio	Reference
1	138.00	36347	23.38	6.67
2	277.00	33084	21.28	14.17



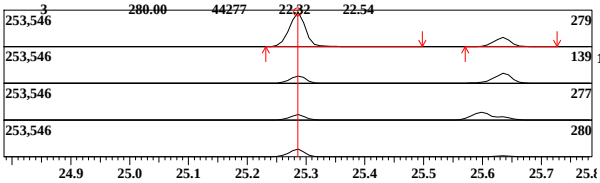
ID#:111 R.Time:25.598(Scan#:4586)
MassPeaks:11
RawMode:Averaged 25.589-25.608(4584-4588)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



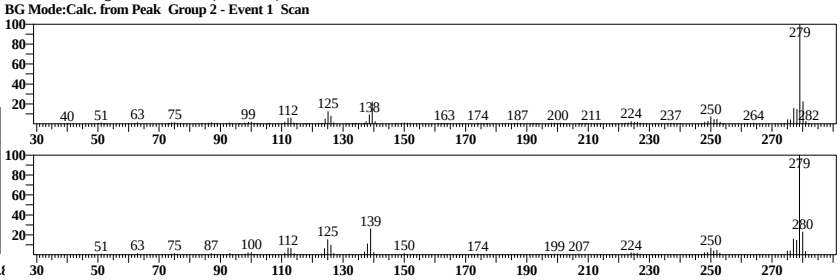
ID#:113 Name:Dibenz(a,j)Acridine Type:Target No Manual Integration

Mass:279.00 R.T:25.286 Area:470681 Conc:54.35862ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	139.00	43237	21.80	9.49
2	277.00	30622	15.44	15.01
3	280.00	44277	22.32	22.54



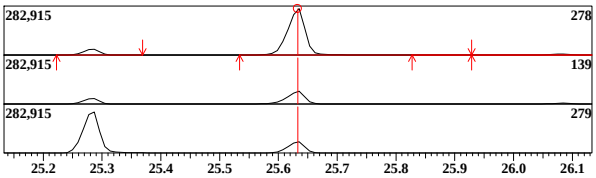
ID#:113 R.Time:25.287(Scan#:4517)
MassPeaks:117
RawMode:Averaged 25.278-25.296(4515-4519)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



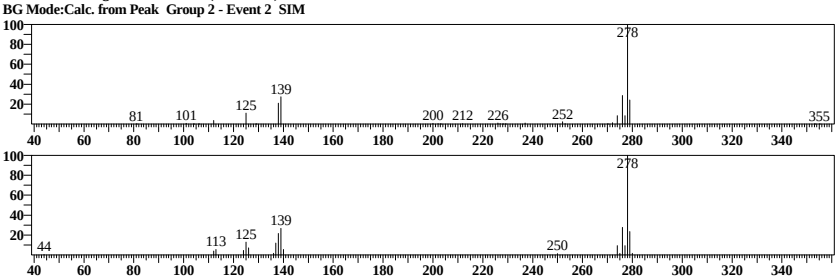
ID#:114 Name:Dibenzo[a,h]anthracene Type:Target No Manual Integration

Mass:278.00 R.T:25.633 Area:568466 Conc:52.43540ppm
Event:2:SIM SI:93

#	m/z	Area	Ratio	Reference
1	139.00	60620	27.40	7.75
2	279.00	53180	24.04	25.58



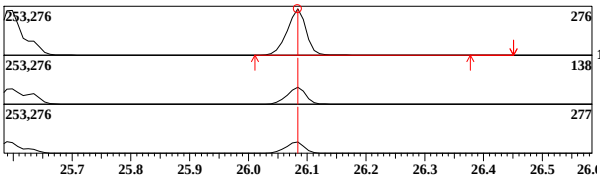
ID#:114 R.Time:25.635(Scan#:4594)
MassPeaks:29
RawMode:Averaged 25.626-25.644(4592-4596)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



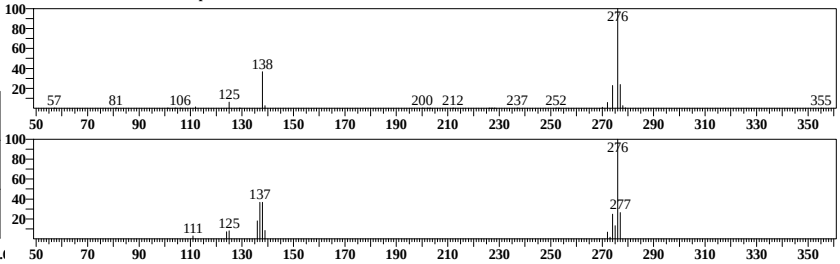
ID#:115 Name:Benzo[g,h,i]perylene Type:Target No Manual Integration

Mass:276.00 R.T:26.084 Area:547403 Conc:52.48745ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	138.00	76479	36.80	25.00
2	277.00	49605	23.87	21.09



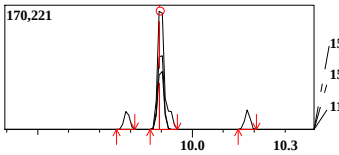
ID#:115 R.Time:26.084(Scan#:4692)
MassPeaks:28
RawMode:Averaged 26.075-26.093(4690-4694)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



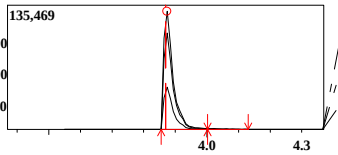
Before Manual Integrations

Analyst: CMN **Instr: J7H** **Trace Number: SVOC-BO45-F14-Y**
Method: 8270C/D/E/625.1 **Batch:**
Sample ID: A ICAL6 **Data File: C:\GCMSsolution\Data\221130H009.qgd**
Date: 11/30/2022 **Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm**
Time: 20:57:16 **Sample Name: A ICAL6**
Dilution: 1

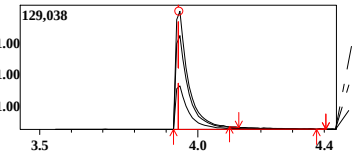
ID#:1 **Name:1,4-Dichlorobenzene-d4 (IS)**
Mass:150.00 **Type:ISTD**
R.T:9.897 **Area:272663** **Conc:40.00000ppm**



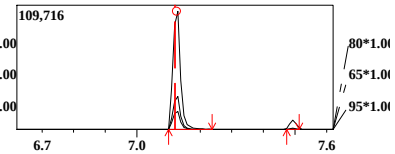
ID#:2 **Name:N-Nitrosodimethylamine**
Mass:74.00 **Type:Target**
R.T:3.874 **Area:270097** **Conc:62.07484ppm**



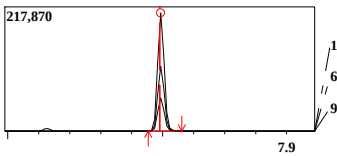
ID#:3 **Name:Pyridine**
Mass:79.00 **Type:Target**
R.T:3.941 **Area:355806** **Conc:55.03109ppm**



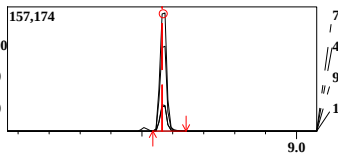
ID#:4 **Name:Methyl methanesulfonate**
Mass:80.00 **Type:Target**
R.T:7.126 **Area:176392** **Conc:51.44408ppm**



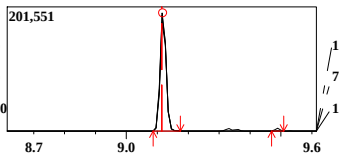
ID#:5 **Name:2-Fluorophenol**
Mass:112.00 **Type:Surrogate/SMC**
R.T:7.494 **Area:309760** **Conc:39.69332ppm**



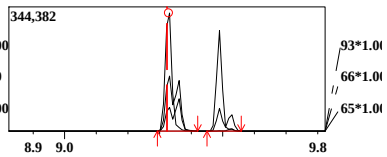
ID#:6 **Name:Ethyl methanesulfonate**
Mass:79.00 **Type:Target**
R.T:8.570 **Area:237926** **Conc:47.53637ppm**



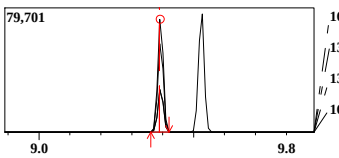
ID#:7 **Name:Benzaldehyde**
Mass:106.00 **Type:Target**
R.T:9.118 **Area:264837** **Conc:40.57611ppm**



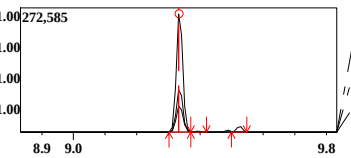
ID#:8 **Name:Aniline**
Mass:93.00 **Type:Target**
R.T:9.328 **Area:493095** **Conc:44.85348ppm**



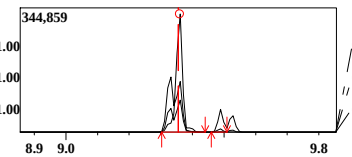
ID#:9 **Name:Pentachloroethane**
Mass:167.00 **Type:Target**
R.T:9.393 **Area:94625** **Conc:53.96954ppm**



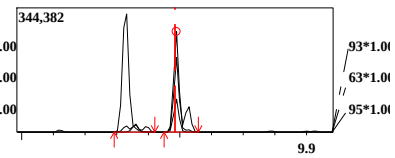
ID#:10 **Name:Phenol-d6**
Mass:99.00 **Type:Surrogate/SMC**
R.T:9.335 **Area:379078** **Conc:41.19717ppm**



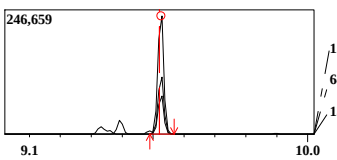
ID#:11 **Name:Phenol**
Mass:94.00 **Type:Target**
R.T:9.360 **Area:468745** **Conc:47.26316ppm**



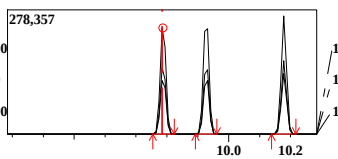
ID#:12 **Name:bis(2-Chloroethyl)Ether**
Mass:93.00 **Type:Target**
R.T:9.489 **Area:339801** **Conc:45.72559ppm**



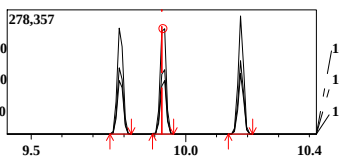
ID#:13 **Name:2-Chlorophenol**
Mass:128.00 **Type:Target**
R.T:9.526 **Area:324639** **Conc:43.75641ppm**



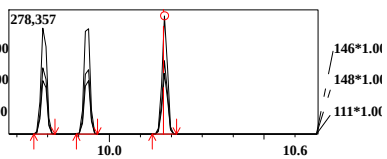
ID#:14 **Name:1,3-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.787 **Area:324796** **Conc:47.26091ppm**



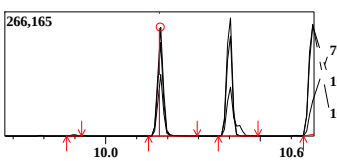
ID#:15 **Name:1,4-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.927 **Area:342429** **Conc:48.36180ppm**



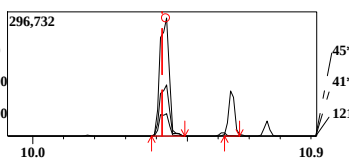
ID#:16 **Name:1,2-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:10.178 **Area:325717** **Conc:48.63092ppm**



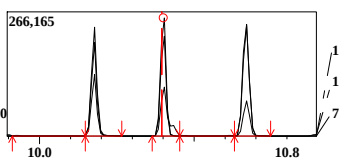
ID#:17 **Name:Benzyl Alcohol**
Mass:79.00 **Type:Target**
R.T:10.177 **Area:293228** **Conc:49.39433ppm**



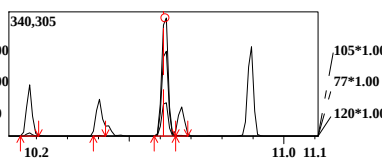
ID#:18 **Name:bis(2-Chloroisopropyl) Ether**
Mass:45.00 **Type:Target**
R.T:10.430 **Area:589491** **Conc:40.58533ppm**



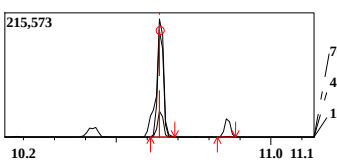
ID#:19 **Name:2-Methylphenol (o-Cresol)**
Mass:108.00 **Type:Target**
R.T:10.401 **Area:326943** **Conc:43.71253ppm**



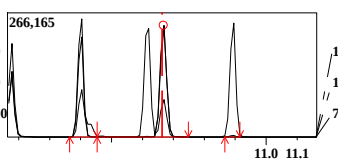
ID#:20 **Name:Acetophenone**
Mass:105.00 **Type:Target**
R.T:10.616 **Area:478935** **Conc:42.53787ppm**



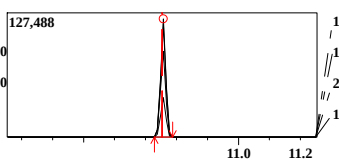
ID#:21 **Name:N-Nitrosodi-n-propylamine**
Mass:70.00 **Type:Target**
R.T:10.643 **Area:247976** **Conc:50.27724ppm**



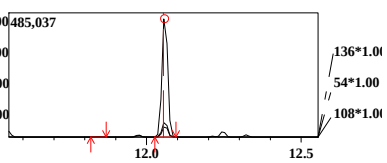
ID#:22 **Name:3+4-Methylphenol(m&p-Cresol)**
Mass:107.00 **Type:Target**
R.T:10.667 **Area:360571** **Conc:43.97653ppm**



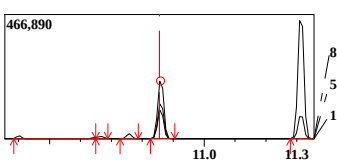
ID#:23 **Name:Hexachloroethane**
Mass:117.00 **Type:Target**
R.T:10.757 **Area:142869** **Conc:44.96793ppm**



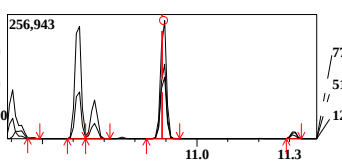
ID#:24 **Name:Naphthalene-d8 (IS)**
Mass:136.00 **Type:ISTD**
R.T:12.058 **Area:622621** **Conc:40.00000ppm**



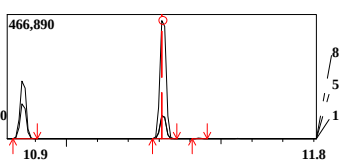
ID#:25 **Name:Nitrobenzene-d5**
Mass:82.00 **Type:Surrogate/SMC**
R.T:10.859 **Area:310855** **Conc:53.56553ppm**



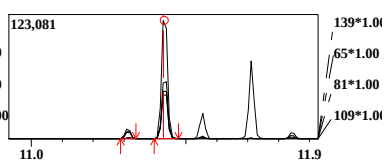
ID#:26 **Name:Nitrobenzene**
Mass:77.00 **Type:Target**
R.T:10.893 **Area:326860** **Conc:60.63403ppm**



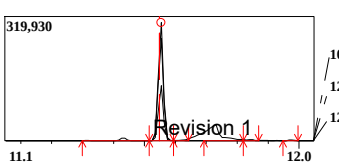
ID#:27 **Name:Isophorone**
Mass:82.00 **Type:Target**
R.T:11.313 **Area:640531** **Conc:57.71658ppm**



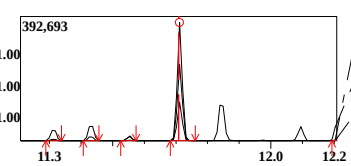
ID#:28 **Name:2-Nitrophenol**
Mass:139.00 **Type:Target**
R.T:11.431 **Area:166845** **Conc:65.62460ppm**



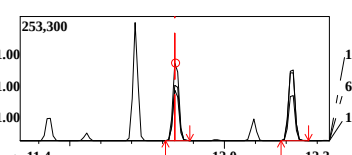
ID#:29 **Name:2,4-Dimethylphenol**
Mass:107.00 **Type:Target**
R.T:11.553 **Area:354640** **Conc:54.01941ppm**



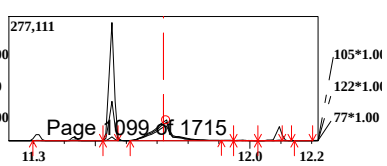
ID#:30 **Name:Bis(2-Chloroethoxy)methane**
Mass:93.00 **Type:Target**
R.T:11.712 **Area:409570** **Conc:56.00093ppm**



ID#:31 **Name:2,4-Dichlorophenol**
Mass:162.00 **Type:Target**
R.T:11.843 **Area:222218** **Conc:64.44689ppm**

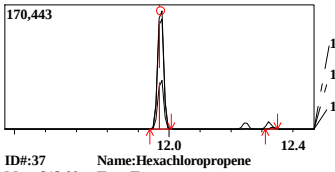


ID#:32 **Name:Benzoic Acid**
Mass:105.00 **Type:Target**
R.T:11.728 **Area:209636** **Conc:51.78463ppm**



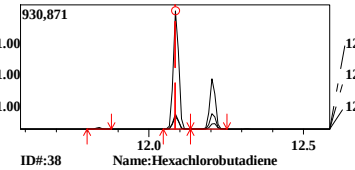
ID#:33 Name:1,2,4-Trichlorobenzene
Mass:180.00 Type:Target

R.T:11.973 Area:230695 Conc:71.08147ppm



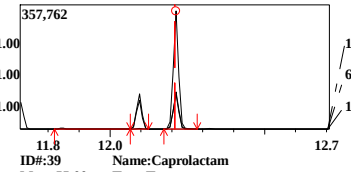
ID#:34 Name:Naphthalene
Mass:128.00 Type:Target

R.T:12.087 Area:1107093 Conc:58.35261ppm



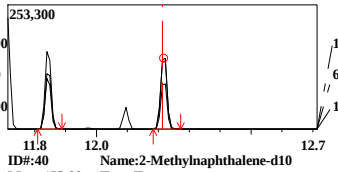
ID#:35 Name:4-Chloroaniline
Mass:127.00 Type:Target

R.T:12.213 Area:408095 Conc:52.04485ppm



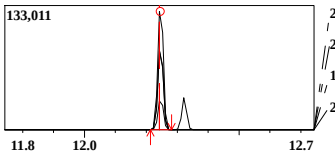
ID#:36 Name:2,6-Dichlorophenol
Mass:162.00 Type:Target

R.T:12.218 Area:215952 Conc:63.17854ppm



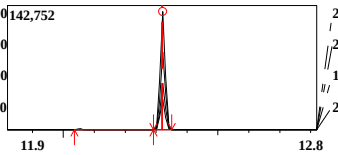
ID#:37 Name:Hexachloropropene
Mass:213.00 Type:Target

R.T:12.246 Area:169843 Conc:75.21906ppm



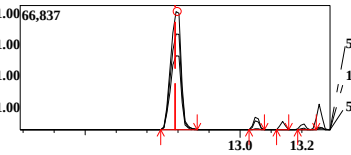
ID#:38 Name:Hexachlorobutadiene
Mass:225.00 Type:Target

R.T:12.321 Area:155556 Conc:73.62516ppm



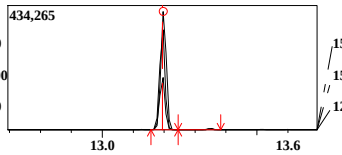
ID#:39 Name:Caprolactam
Mass:55.00 Type:Target

R.T:12.797 Area:151732 Conc:47.44310ppm



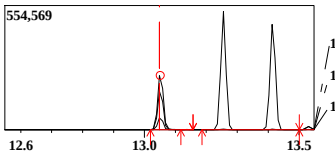
ID#:40 Name:2-Methylnaphthalene-d10
Mass:152.00 Type:Target

R.T:13.198 Area:524133 Conc:57.51677ppm



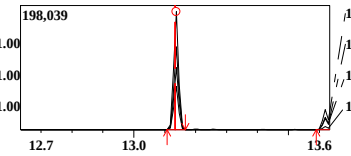
ID#:41 Name:4-Chloro-3-methylphenol
Mass:107.00 Type:Target

R.T:13.051 Area:322131 Conc:52.85174ppm



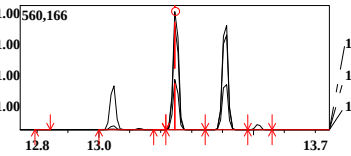
ID#:42 Name:Safrole
Mass:162.00 Type:Target

R.T:13.137 Area:212049 Conc:61.07104ppm



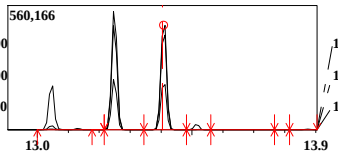
ID#:43 Name:2-Methylnaphthalene
Mass:142.00 Type:Target

R.T:13.248 Area:692810 Conc:60.62914ppm



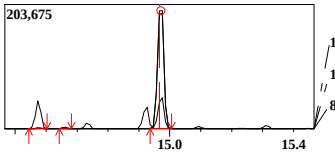
ID#:44 Name:1-Methylnaphthalene
Mass:142.00 Type:Target

R.T:13.409 Area:650185 Conc:60.02591ppm



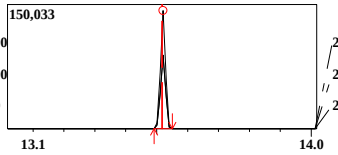
ID#:45 Name:Acenaphthene-d10 (IS)
Mass:164.00 Type:ISTD

R.T:14.971 Area:290421 Conc:40.00000ppm



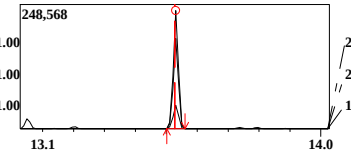
ID#:46 Name:Hexachlorocyclopentadiene
Mass:237.00 Type:Target

R.T:13.521 Area:165693 Conc:57.41935ppm



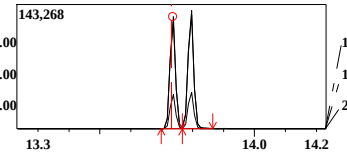
ID#:47 Name:1,2,4,5-Tetrachlorobenzene
Mass:216.00 Type:Target

R.T:13.531 Area:276705 Conc:61.11461ppm



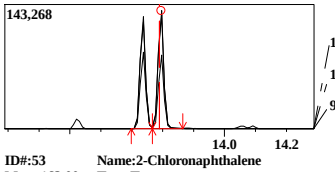
ID#:48 Name:2,4,6-Trichlorophenol
Mass:196.00 Type:Target

R.T:13.736 Area:163204 Conc:63.89404ppm



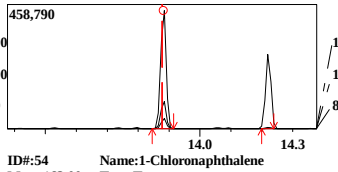
ID#:49 Name:2,4,5-Trichlorophenol
Mass:196.00 Type:Target

R.T:13.794 Area:177070 Conc:66.78230ppm



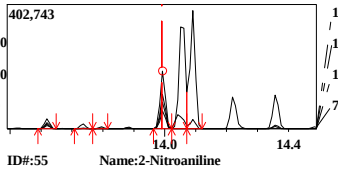
ID#:50 Name:2-Fluorobiphenyl
Mass:172.00 Type:Surrogate/SMC

R.T:13.882 Area:554226 Conc:51.16185ppm



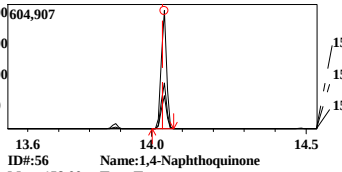
ID#:51 Name:Isosafrole
Mass:162.00 Type:Target

R.T:13.993 Area:222994 Conc:53.73976ppm



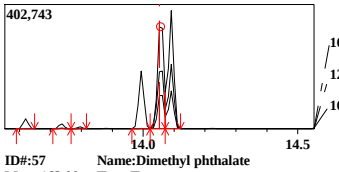
ID#:52 Name:1,1'-Biphenyl
Mass:154.00 Type:Target

R.T:14.041 Area:692210 Conc:51.07279ppm



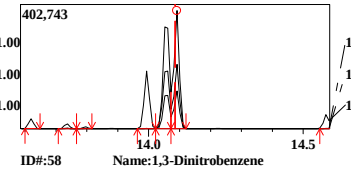
ID#:53 Name:2-Chloronaphthalene
Mass:162.00 Type:Target

R.T:14.057 Area:517911 Conc:52.97794ppm



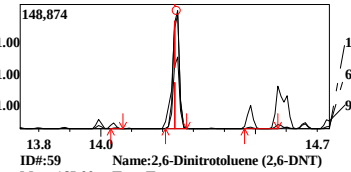
ID#:54 Name:1-Chloronaphthalene
Mass:162.00 Type:Target

R.T:14.091 Area:441961 Conc:54.76343ppm



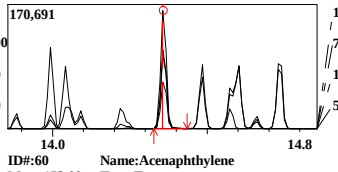
ID#:55 Name:2-Nitroaniline
Mass:138.00 Type:Target

R.T:14.245 Area:198593 Conc:51.51428ppm



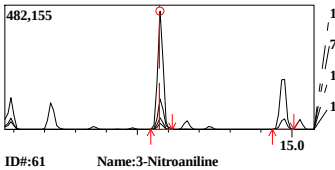
ID#:56 Name:1,4-Naphthoquinone
Mass:158.00 Type:Target

R.T:14.358 Area:214542 Conc:53.11177ppm



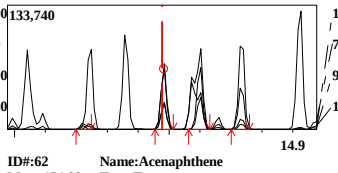
ID#:57 Name:Dimethyl phthalate
Mass:163.00 Type:Target

R.T:14.574 Area:560676 Conc:55.79009ppm



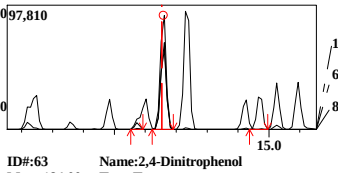
ID#:58 Name:1,3-Dinitrobenzene
Mass:168.00 Type:Target

R.T:14.483 Area:82648 Conc:67.47137ppm



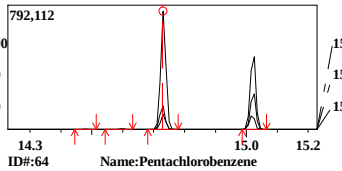
ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT)
Mass:165.00 Type:Target

R.T:14.659 Area:120690 Conc:59.88840ppm



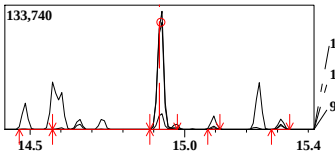
ID#:60 Name:Acenaphthylene
Mass:152.00 Type:Target

R.T:14.731 Area:908302 Conc:53.31326ppm



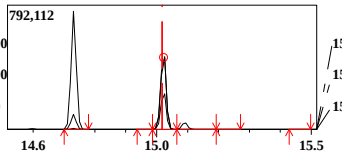
ID#:61 Name:3-Nitroaniline
Mass:138.00 Type:Target

R.T:14.923 Area:164134 Conc:49.00254ppm



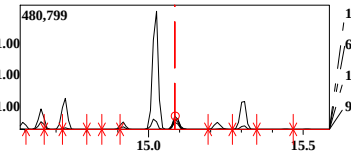
ID#:62 Name:Acenaphthene
Mass:154.00 Type:Target

R.T:15.023 Area:592745 Conc:56.08304ppm



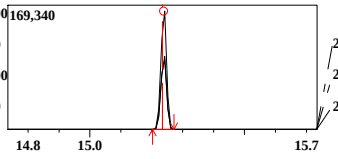
ID#:63 Name:2,4-Dinitrophenol
Mass:184.00 Type:Target

R.T:15.087 Area:71560 Conc:79.28887ppm



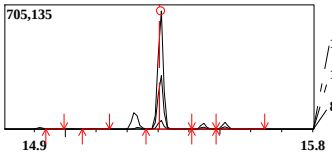
ID#:64 Name:Pentachlorobenzene
Mass:250.00 Type:Target

R.T:15.239 Area:212126 Conc:59.09373ppm



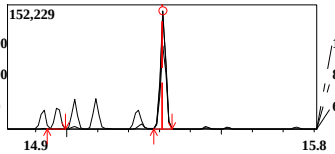
ID#:65 Name:Dibenzofuran
Mass:168.00 Type:Target

R.T:15.309 Area:820920 Conc:60.22264ppm



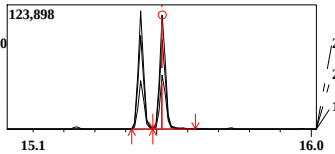
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT)
Mass:165.00 Type:Target

R.T:15.311 Area:176321 Conc:61.57216ppm



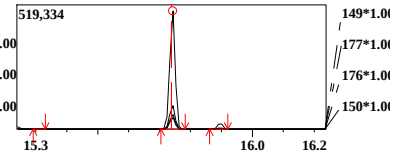
ID#:68 Name:2,3,4,6-Tetrachlorophenol
Mass:232.00 Type:Target

R.T:15.518 Area:153772 Conc:65.71068ppm



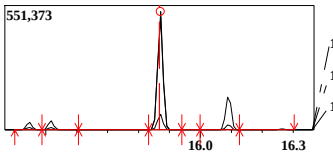
ID#:69 Name:Diethyl phthalate
Mass:149.00 Type:Target

R.T:15.742 Area:609253 Conc:52.98584ppm



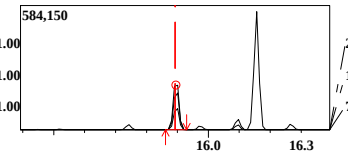
ID#:70 Name:Fluorene
Mass:166.00 Type:Target

R.T:15.870 Area:643289 Conc:59.42799ppm



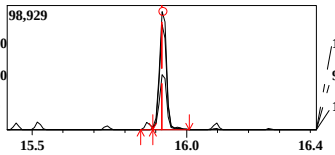
ID#:71 Name:4-Chlorophenyl phenyl ether
Mass:204.00 Type:Target

R.T:15.896 Area:298968 Conc:62.52991ppm



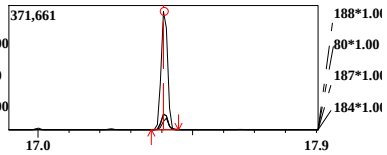
ID#:72 Name:4-Nitroaniline
Mass:138.00 Type:Target

R.T:15.924 Area:153290 Conc:47.32657ppm



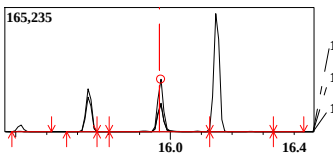
ID#:73 Name:Phenanthrene-d10 (IS)
Mass:188.00 Type:ISTD

R.T:17.408 Area:521421 Conc:40.00000ppm



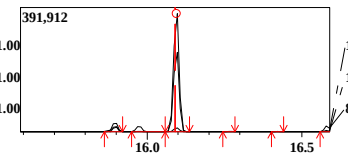
ID#:74 Name:4,6-Dinitro-2-methylphenol
Mass:198.00 Type:Target

R.T:15.968 Area:92069 Conc:72.34089ppm



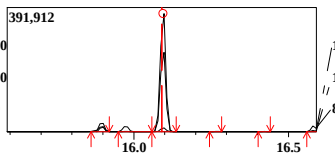
ID#:75 Name:N-Nitrosodiphenylamine
Mass:169.00 Type:Target

R.T:16.095 Area:480125 Conc:51.92583ppm



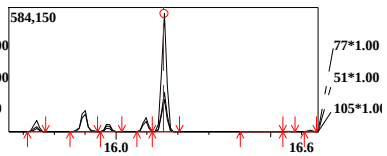
ID#:76 Name:Diphenylamine
Mass:169.00 Type:Target

R.T:16.095 Area:480125 Conc:51.92583ppm



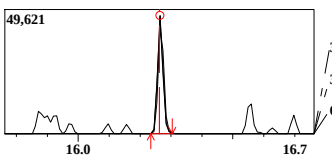
ID#:77 Name:1,2-Diphenylhydrazine
Mass:77.00 Type:Target

R.T:16.156 Area:644330 Conc:46.33137ppm



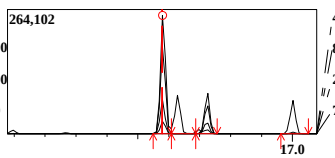
ID#:78 Name:2,4,6-Tribromophenol
Mass:330.00 Type:Surrogate/SMC

R.T:16.265 Area:59585 Conc:43.98788ppm



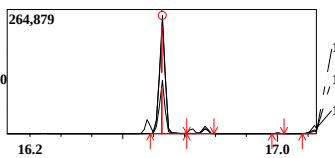
ID#:79 Name:(cis/trans)-Diallate
Mass:43.00 Type:Target

R.T:16.581 Area:303991 Conc:35.80282ppm



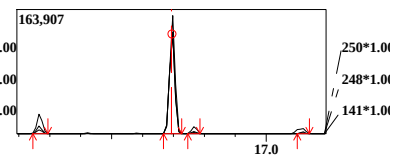
ID#:80 Name:Phenacetin
Mass:108.00 Type:Target

R.T:16.628 Area:325413 Conc:40.92365ppm



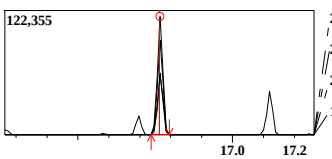
ID#:81 Name:4-Bromophenyl phenyl ether
Mass:250.00 Type:Target

R.T:16.696 Area:160089 Conc:54.15945ppm



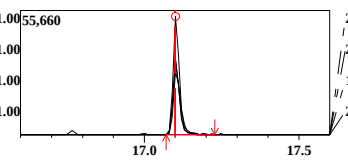
ID#:82 Name:Hexachlorobenzene
Mass:284.00 Type:Target

R.T:16.766 Area:145034 Conc:46.45038ppm



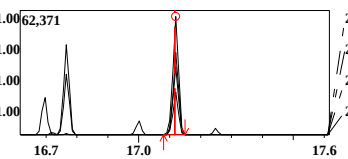
ID#:84 Name:Pentachlorophenol
Mass:266.00 Type:Target

R.T:17.102 Area:77667 Conc:48.58414ppm



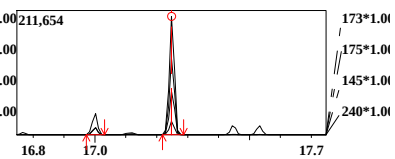
ID#:85 Name:Pentachloronitrobenzene
Mass:237.00 Type:Target

R.T:17.120 Area:78054 Conc:58.60689ppm



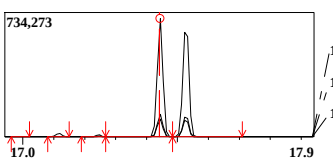
ID#:86 Name:Pronamide (Kerb)
Mass:173.00 Type:Target

R.T:17.248 Area:237631 Conc:54.07949ppm



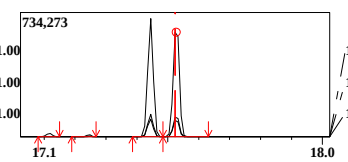
ID#:87 Name:Phenanthrene
Mass:178.00 Type:Target

R.T:17.444 Area:892166 Conc:56.06011ppm



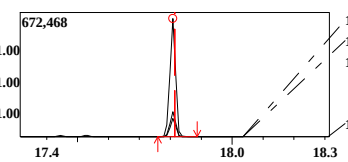
ID#:88 Name:Anthracene
Mass:178.00 Type:Target

R.T:17.527 Area:919233 Conc:57.79163ppm



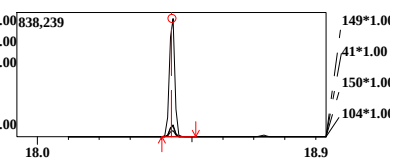
ID#:89 Name:Carbazole
Mass:167.00 Type:Target

R.T:17.808 Area:824291 Conc:54.10727ppm



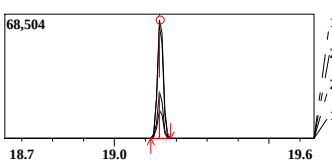
ID#:90 Name:Di-n-butyl phthalate
Mass:149.00 Type:Target

R.T:18.436 Area:999225 Conc:50.34565ppm



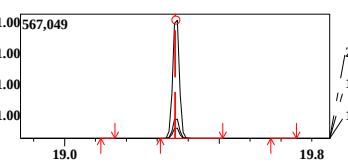
ID#:96 Name:Pyrene
Mass:202.00 Type:Target

R.T:19.395 Area:1063144 Conc:60.14529ppm



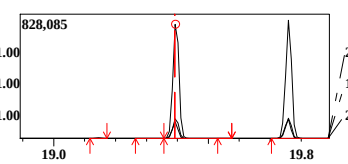
ID#:97 Name:p-Terphenyl-d14
Mass:244.00 Type:Surrogate/SMC

R.T:20.052 Area:699819 Conc:50.42107ppm



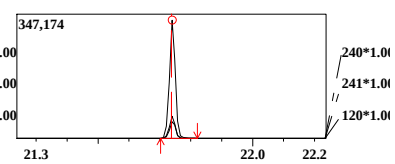
ID#:98 Name:Aramite A
Mass:185.00 Type:Target

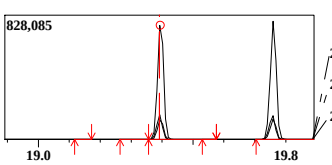
R.T:20.052 Area:69620 Conc:31.67305ppm

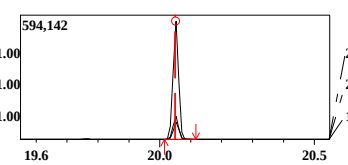


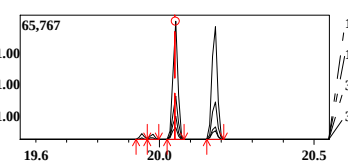
ID#:99 Name:Aramite B
Mass:185.00 Type:Target

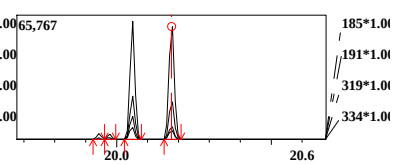
R.T:20.179 Area:73561 Conc:30.17222ppm





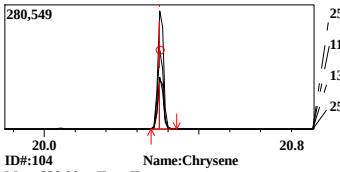






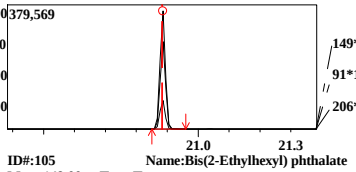
ID#:100 Name:Chlorobenzilate
Mass:251.00 Type:Target

R.T:20.375 Area:227243 Conc:57.63543ppm



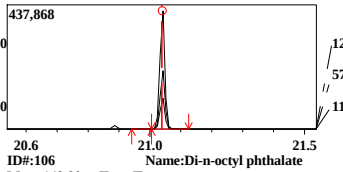
ID#:101 Name:Butyl benzyl phthalate
Mass:149.00 Type:Target

R.T:20.886 Area:432398 Conc:54.40535ppm



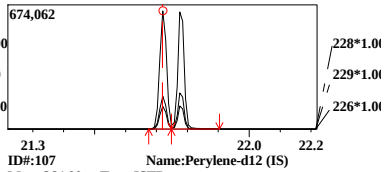
ID#:102 Name:Di(2-ethylhexyl) adipate
Mass:129.00 Type:Target

R.T:21.041 Area:468807 Conc:47.53970ppm



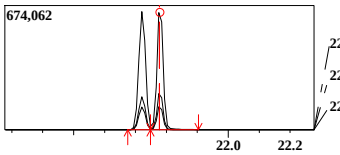
ID#:103 Name:Benzo[a]anthracene
Mass:228.00 Type:Target

R.T:21.722 Area:993419 Conc:55.36298ppm



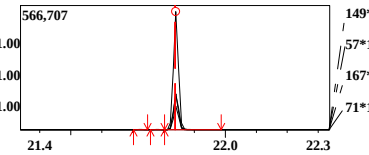
ID#:104 Name:Chrysene
Mass:228.00 Type:Target

R.T:21.779 Area:937515 Conc:57.32892ppm



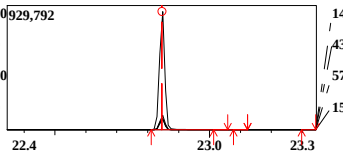
ID#:105 Name:Bis(2-Ethylhexyl) phthalate
Mass:149.00 Type:Target

R.T:21.840 Area:638978 Conc:54.44242ppm



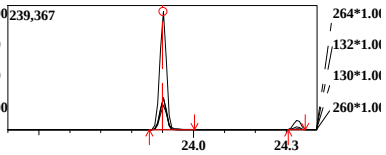
ID#:106 Name:Di-n-octyl phthalate
Mass:149.00 Type:Target

R.T:22.847 Area:1063018 Conc:54.11741ppm



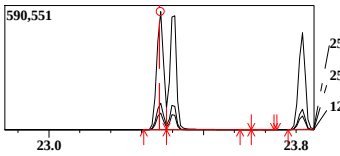
ID#:107 Name:Perylene-d12 (IS)
Mass:264.00 Type:ISTD

R.T:23.902 Area:341417 Conc:40.00000ppm



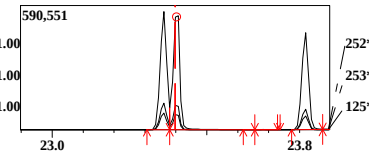
ID#:108 Name:Benzo[b]fluoranthene
Mass:252.00 Type:Target

R.T:23.360 Area:870264 Conc:58.81894ppm



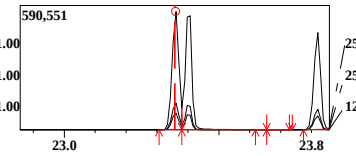
ID#:109 Name:Benzo[k]fluoranthene
Mass:252.00 Type:Target

R.T:23.403 Area:830699 Conc:62.20314ppm



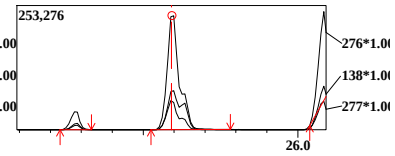
ID#:110 Name:Benzo[a]pyrene
Mass:252.00 Type:Target

R.T:23.360 Area:870264 Conc:76.13132ppm



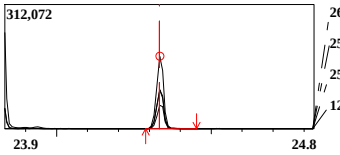
ID#:111 Name:Indeno(1,2,3-cd)pyrene
Mass:276.00 Type:Target

R.T:25.594 Area:650604 Conc:69.43132ppm



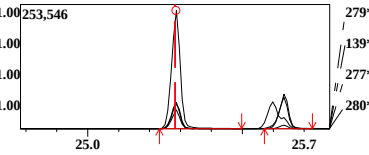
ID#:112 Name:3-Methylcholanthrene
Mass:268.00 Type:Target

R.T:24.335 Area:295664 Conc:47.58691ppm



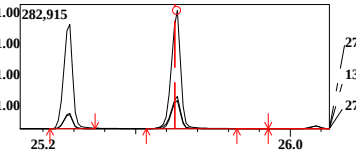
ID#:113 Name:Dibenz(a,j)Acridine
Mass:279.00 Type:Target

R.T:25.286 Area:470681 Conc:53.05652ppm



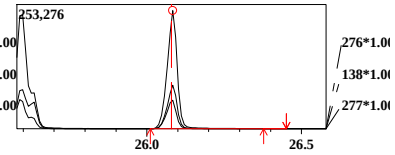
ID#:114 Name:Dibenzo[a,h]anthracene
Mass:278.00 Type:Target

R.T:25.633 Area:568466 Conc:56.79634ppm



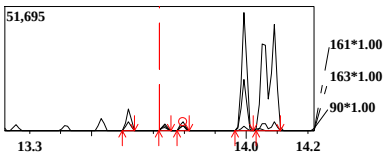
ID#:115 Name:Benzo[g,h,i]perylene
Mass:276.00 Type:Target

R.T:26.084 Area:547403 Conc:55.37223ppm



ID#:128 Name:2,3-Dichloroaniline
Mass:161.00 Type:Target

R.T:13.795 Area:4442 Conc:0.88340ppm



Analyst: CMN Instrument: J7H Trace Number: SVOC-BO45-F14-Y
Method: 8270C/D/E/625.1 Batch:
Sample ID: A ICAL7 Data File: C:\GCMSsolution\Data\221130H010.qgd
Date: 11/30/2022 Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm
Time: 21:37:39 Sample Name: A ICAL7
Dilution: 1

Internal Standard

ID#	Name	Mass	Time	Area	Conc.
1	1,4-Dichlorobenzene-d4 (IS)	150.00	9.90	257838	40.00
24	Naphthalene-d8 (IS)	136.00	12.06	625187	40.00
45	Acenaphthene-d10 (IS)	164.00	14.97	290979	40.00
73	Phenanthrene-d10 (IS)	188.00	17.41	510035	40.00
95	Chrysene-d12 (IS)	240.00	21.74	449302	40.00
107	Perylene-d12 (IS)	264.00	23.90	340637	40.00

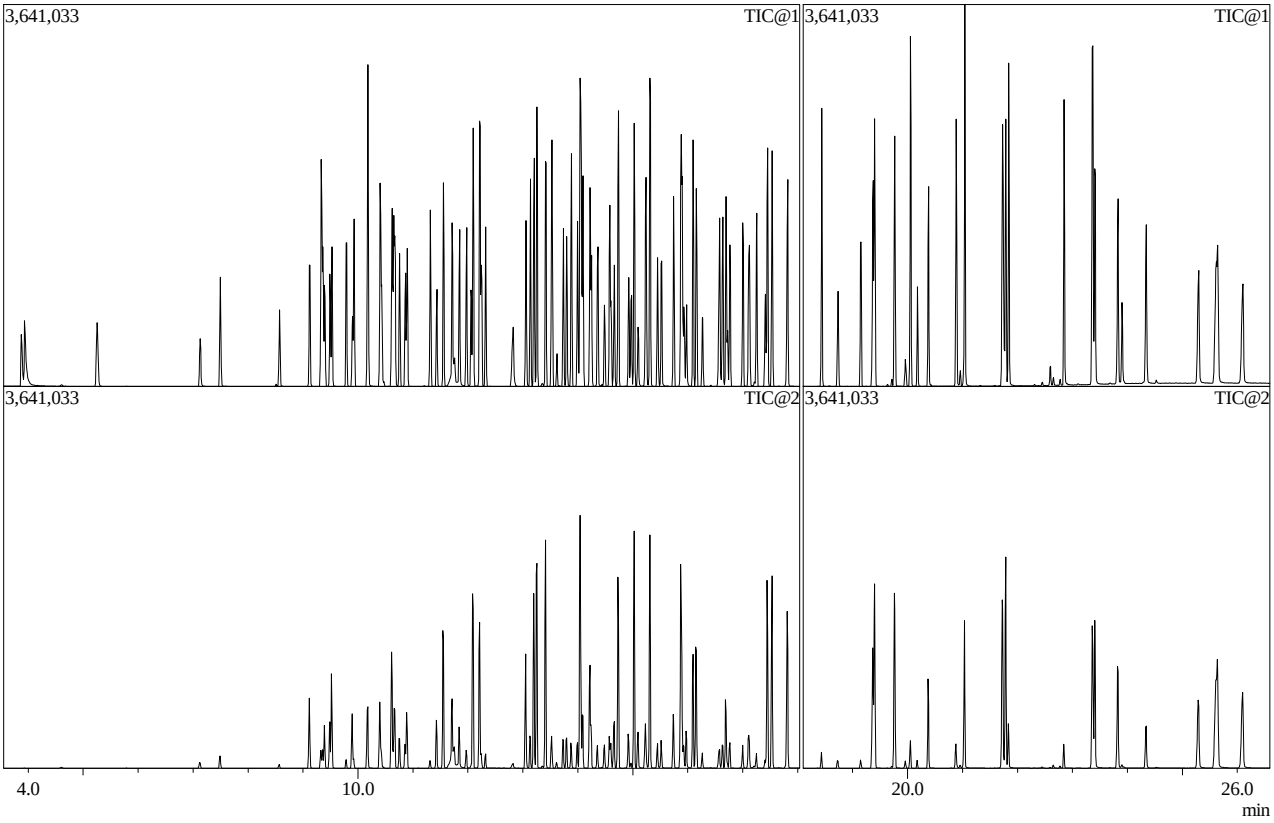
Surrogate

ID#	Name	Mass	Time	Area	Conc.
5	2-Fluorophenol	112.00	7.49	490021	80.09
10	Phenol-d6	99.00	9.34	590699	80.54
25	Nitrobenzene-d5	82.00	10.86	487303	83.75
50	2-Fluorobiphenyl	172.00	13.88	865687	82.05
78	2,4,6-Tribromophenol	330.00	16.27	96471	81.13
97	p-Terphenyl-d14	244.00	20.05	1120376	83.79

Target

ID#	Name	Mass	Time	Area	Conc.
2	N-Nitrosodimethylamine	74.00	3.88	428354	85.68
3	Pyridine	79.00	3.94	539204	77.55
4	Methyl methanesulfonate	80.00	7.13	273716	79.61
6	Ethyl methanesulfonate	79.00	8.57	365681	78.74
7	Benzaldehyde	106.00	9.12	401995	78.09
8	Aniline	93.00	9.33	771861	79.51
9	Pentachloroethane	167.00	9.39	150842	79.50
11	Phenol	94.00	9.36	740790	81.38
12	bis(2-Chloroethyl)Ether	93.00	9.49	539766	79.40
13	2-Chlorophenol	128.00	9.53	518496	80.41
14	1,3-Dichlorobenzene	146.00	9.79	514432	77.95
15	1,4-Dichlorobenzene	146.00	9.93	530748	78.63
16	1,2-Dichlorobenzene	146.00	10.18	519059	79.83
17	Benzyl Alcohol	79.00	10.18	467872	82.59
18	bis(2-Chloroisopropyl) Ether	45.00	10.43	929142	78.95
19	2-Methylphenol (o-Cresol)	108.00	10.40	508587	79.15
20	Acetophenone	105.00	10.62	752085	79.59
21	N-Nitrosodi-n-propylamine	70.00	10.65	387795	79.83
22	3+4-Methylphenol(m&p-Cresol)	107.00	10.67	566337	82.14
23	Hexachloroethane	117.00	10.76	226015	79.41
26	Nitrobenzene	77.00	10.90	519310	84.89
27	Isophorone	82.00	11.32	996173	82.68
28	2-Nitrophenol	139.00	11.43	258771	86.30
29	2,4-Dimethylphenol	107.00	11.56	555215	84.82
30	Bis(2-Chloroethoxy)methane	93.00	11.71	634915	83.05
31	2,4-Dichlorophenol	162.00	11.85	351039	85.73
32	Benzoic Acid	105.00	11.76	356734	79.72
33	1,2,4-Trichlorobenzene	180.00	11.97	362174	83.57
34	Naphthalene	128.00	12.09	1703809	79.63
35	4-Chloroaniline	127.00	12.22	649627	86.42
36	2,6-Dichlorophenol	162.00	12.22	341772	84.88
37	Hexachloropropene	213.00	12.25	271994	85.73
38	Hexachlorobutadiene	225.00	12.32	250454	84.15
39	Caprolactam	55.00	12.82	239006	84.64
40	2-Methylnaphthalene-d10	152.00	13.20	807296	81.22
41	4-Chloro-3-methylphenol	107.00	13.06	503342	84.26
42	Safrole	162.00	13.14	332693	83.23
43	2-Methylnaphthalene	142.00	13.25	1072823	78.69
44	1-Methylnaphthalene	142.00	13.41	1015666	78.54
46	Hexachlorocyclopentadiene	237.00	13.52	267980	78.37
47	1,2,4,5-Tetrachlorobenzene	216.00	13.53	424604	81.95
48	2,4,6-Trichlorophenol	196.00	13.74	262045	85.53
49	2,4,5-Trichlorophenol	196.00	13.80	280493	84.01
51	Isosafrole	162.00	13.99	342156	82.60
52	1,1'-Biphenyl	154.00	14.04	1078270	82.13
53	2-Chloronaphthalene	162.00	14.06	797767	78.33
54	1-Chloronaphthalene	162.00	14.09	705839	88.54
55	2-Nitroaniline	138.00	14.25	313698	85.57
56	1,4-Naphthoquinone	158.00	14.36	335589	82.83
57	Dimethyl phthalate	163.00	14.58	868320	81.87
58	1,3-Dinitrobenzene	168.00	14.49	129525	78.13

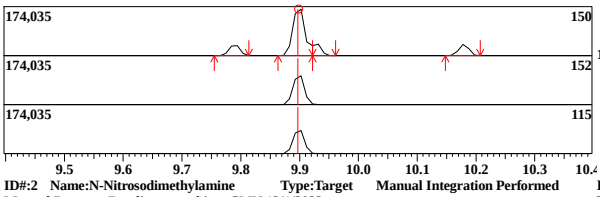
ID#	Name	Mass	Time	Area	Conc.
59	2,6-Dinitrotoluene (2,6-DNT)	165.00	14.66	187895	82.62
60	Acenaphthylene	152.00	14.73	1410583	79.27
61	3-Nitroaniline	138.00	14.93	252232	82.66
62	Acenaphthene	154.00	15.02	914621	77.46
63	2,4-Dinitrophenol	184.00	15.09	112195	76.66
64	Pentachlorobenzene	250.00	15.24	331300	82.72
65	Dibenzofuran	168.00	15.31	1261151	77.92
66	2,4-Dinitrotoluene (2,4-DNT)	165.00	15.32	277998	84.73
67	4-Nitrophenol	65.00	15.23	198114	77.60
68	2,3,4,6-Tetrachlorophenol	232.00	15.52	234565	83.08
69	Diethyl phthalate	149.00	15.74	936496	81.06
70	Fluorene	166.00	15.87	1005506	78.31
71	4-Chlorophenyl phenyl ether	204.00	15.90	464057	81.18
72	4-Nitroaniline	138.00	15.93	237991	83.79
74	4,6-Dinitro-2-methylphenol	198.00	15.97	149176	78.28
75	N-Nitrosodiphenylamine	169.00	16.10	751989	85.22
76	Diphenylamine	169.00	16.10	751989	85.22
77	1,2-Diphenylhydrazine	77.00	16.16	1000383	84.67
79	(cis/trans)-Diallate	43.00	16.58	471436	84.57
80	Phenacetin	108.00	16.64	500177	86.36
81	4-Bromophenyl phenyl ether	250.00	16.70	245584	83.86
82	Hexachlorobenzene	284.00	16.77	228626	85.65
83	Atrazine	200.00	17.00	247574	83.89
84	Pentachlorophenol	266.00	17.11	128081	79.82
85	Pentachloronitrobenzene	237.00	17.12	121996	87.53
86	Pronamide (Kerb)	173.00	17.25	373798	86.61
87	Phenanthrene	178.00	17.45	1362290	79.75
88	Anthracene	178.00	17.53	1394850	78.94
89	Carbazole	167.00	17.81	1267944	80.63
90	Di-n-butyl phthalate	149.00	18.44	1595604	86.04
91	4-Nitroquinoline-N-Oxide	190.00	18.73	118151	79.96
92	Isodrin	193.00	19.15	142908	85.14
93	Fluoranthene-d10	212.00	19.36	1293857	81.80
94	Fluoranthene	202.00	19.40	1621925	77.89
96	Pyrene	202.00	19.76	1647754	78.08
98	Aramite A	185.00	20.05	110350	39.44
99	Aramite B	185.00	20.18	116604	43.46
100	Chlorobenzilate	251.00	20.38	360695	87.29
101	Butyl benzyl phthalate	149.00	20.89	679285	84.91
102	Di(2-ethylhexyl) adipate	129.00	21.04	739870	85.88
103	Benzo[a]anthracene	228.00	21.72	1522728	78.78
104	Chrysene	228.00	21.78	1432998	75.48
105	Bis(2-Ethylhexyl) phthalate	149.00	21.84	997811	85.00
106	Di-n-octyl phthalate	149.00	22.85	1640531	83.70
108	Benzo[b]fluoranthene	252.00	23.36	1437718	85.24
109	Benzo[k]fluoranthene	252.00	23.41	1208026	75.16
110	Benzo[a]pyrene	252.00	23.82	1050770	79.70
111	Indeno(1,2,3-cd)pyrene	276.00	25.61	857203	76.41
112	3-Methylcholanthrene	268.00	-	---	N.D.
113	Dibenz(a,j)Acridine	279.00	25.29	738734	85.51
114	Dibenzo[a,h]anthracene	278.00	25.64	903859	78.27
115	Benzo[g,h,i]perylene	276.00	26.09	863918	83.03
116	2-Picoline (2-Methylpyridine)	93.00	-	---	N.D.(Peak)
117	N-Nitrosomethylethylamine	88.00	-	---	N.D.(Peak)
118	N-Nitrosodiethylamine	102.00	-	---	N.D.(Peak)
119	n-Decane	57.00	-	---	N.D.(Ref)
120	N-Nitrosopyrrolidine	100.00	-	---	N.D.(Peak)
121	N-Nitrosomorpholine	56.00	-	---	N.D.(Ref)
122	o-Toluidine	106.00	-	---	N.D.(Ref)
123	N-Nitrosopiperidine	114.00	-	---	N.D.(Peak)
124	a,a-Dimethylphenethylamine	58.00	-	---	N.D.(Peak)
125	Alpha-Terpineol	59.00	-	---	N.D.(Ref)
126	p-Phenylenediamine	108.00	-	---	N.D.(Ref)
127	N-Nitrosodi-n-butylamine	84.00	-	---	N.D.(Ref)
128	2,3-Dichloroaniline	161.00	-	---	N.D.
129	1-Naphthylamine	143.00	-	---	N.D.(Ref)
130	2-Naphthylamine	143.00	-	---	N.D.(Ref)
131	5-Nitro-o-Toluidine	152.00	-	---	N.D.(Ref)
132	4-Aminobiphenyl	169.00	-	---	N.D.(Ref)
133	n-Octadecane	57.00	-	---	N.D.(Ref)
134	Benzidine	184.00	-	---	N.D.(Ref)
135	4-Dimethyl aminoazobenzene	120.00	-	---	N.D.(Ref)
136	3,3'-Dimethylbenzidine	212.00	-	---	N.D.(Ref)
137	2-Acetylaminofluorene	181.00	-	---	N.D.(Peak)
138	3,3`-Dichlorobenzidine	252.00	-	---	N.D.(Peak)
139	7,12-Dimethylbenz[a]anthracene	256.00	-	---	N.D.(Ref)


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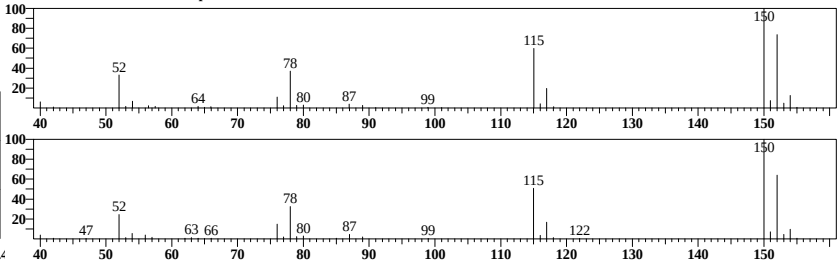
ID#:1 Name:1,4-Dichlorobenzene-d4 (IS) Type:ISTD Manual Integration Performed
Manual Reason: Split peak. CMN 12/1/2022

Mass:150.00 R.T:9.899 Area:257838 Conc:40.00000ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	152.00	71943	73.68	65.66
2	115.00	58503	59.92	48.88



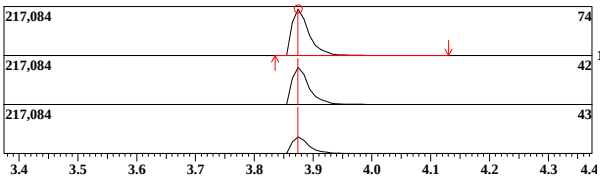
ID#:1 R.Time:9.902(Scan#:1293)
MassPeaks:30
RawMode:Averaged 9.893-9.912(1291-1295)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



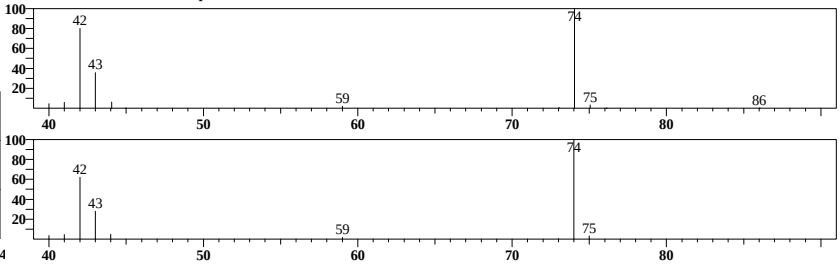
ID#:2 Name:N-Nitrosodimethylamine Type:Target Manual Integration Performed
Manual Reason: Baseline smoothing. CMN 12/1/2022

Mass:74.00 R.T:3.875 Area:428354 Conc:85.67770ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	42.00	138377	80.05	72.10
2	43.00	61959	35.84	38.30



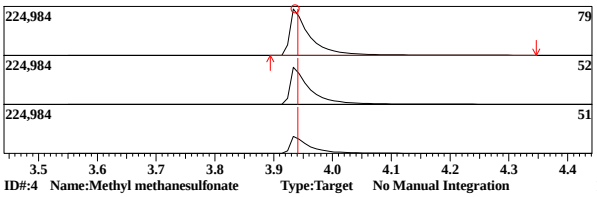
ID#:2 R.Time:3.874(Scan#:67)
MassPeaks:12
RawMode:Averaged 3.865-3.884(65-69)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



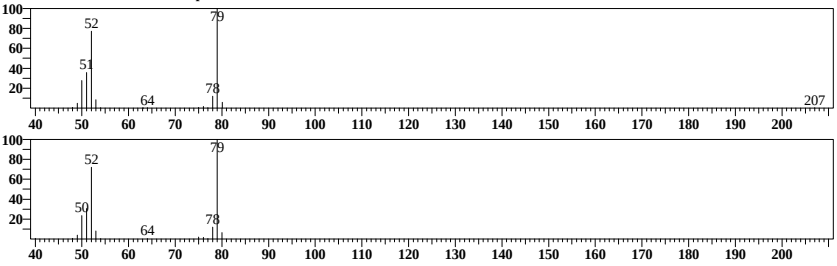
ID#:3 Name:Pyridine Type:Target Manual Integration Performed
Manual Reason: Baseline smoothing. CMN 12/1/2022

Mass:79.00 R.T:3.937 Area:539204 Conc:77.54572ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	52.00	113613	77.17	80.35
2	51.00	52363	35.57	37.95

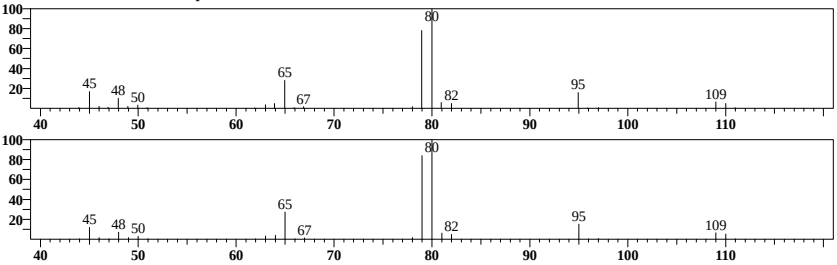


ID#:3 R.Time:3.934(Scan#:79)
MassPeaks:16
RawMode:Averaged 3.924-3.943(77-81)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



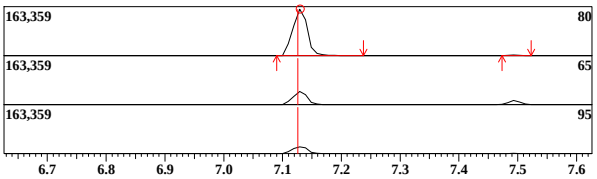
ID#:4 Name:Methyl methanesulfonate Type:Target No Manual Integration

ID#:4 R.Time:7.129(Scan#:729)
MassPeaks:25
RawMode:Averaged 7.120-7.139(727-731)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



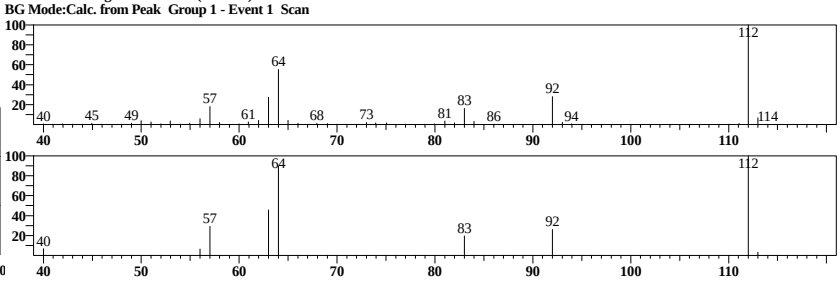
Mass:80.00 R.T:7.130 Area:273716 Conc:79.61314ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	65.00	35172	27.97	35.13
2	95.00	19860	15.80	18.43



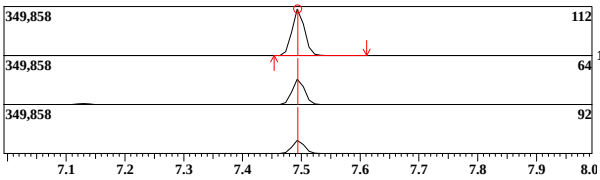
ID#:5 Name:2-Fluorophenol Type:Surrogate/SMC No Manual Integration

ID#:5 R.Time:7.493(Scan#:803)
MassPeaks:53
RawMode:Averaged 7.483-7.503(801-805)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



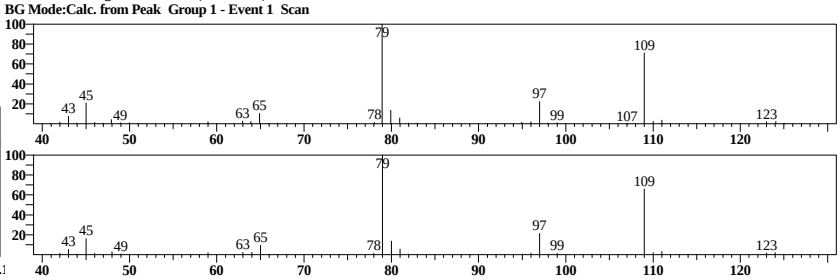
Mass:112.00 R.T:7.494 Area:490021 Conc:80.08935ppm
Event:1:Scan SI:85

#	m/z	Area	Ratio	Reference
1	64.00	133220	55.23	72.76
2	92.00	67532	28.00	26.11



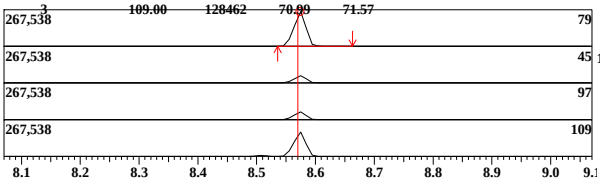
ID#:6 Name:Ethyl methanesulfonate Type:Target No Manual Integration

ID#:6 R.Time:8.575(Scan#:1023)
MassPeaks:35
RawMode:Averaged 8.565-8.585(1021-1025)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



Mass:79.00 R.T:8.574 Area:365681 Conc:78.74214ppm
Event:1:Scan SI:98

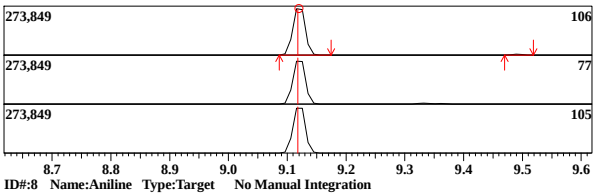
#	m/z	Area	Ratio	Reference
1	45.00	37826	20.90	17.15
2	97.00	40349	22.30	24.70
3	109.00	128462	70.99	71.57



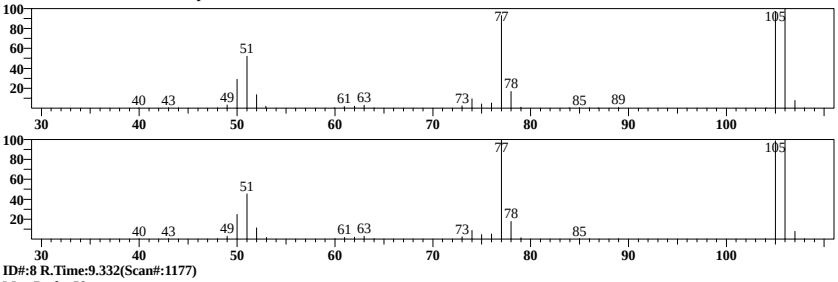
ID#:7 Name:Benzaldehyde Type:Target No Manual Integration

Mass:106.00 R.T:9.120 Area:401995 Conc:78.08700ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	77.00	186692	92.81	85.00
2	105.00	195478	97.17	96.78



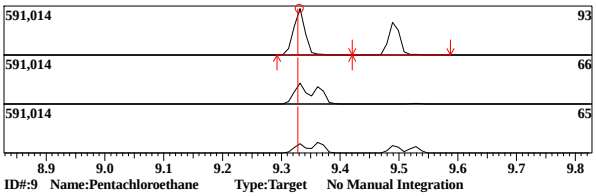
ID#:7 R.Time:9.116(Scan#:1133)
MassPeaks:31
RawMode:Averaged 9.106-9.126(1131-1135)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



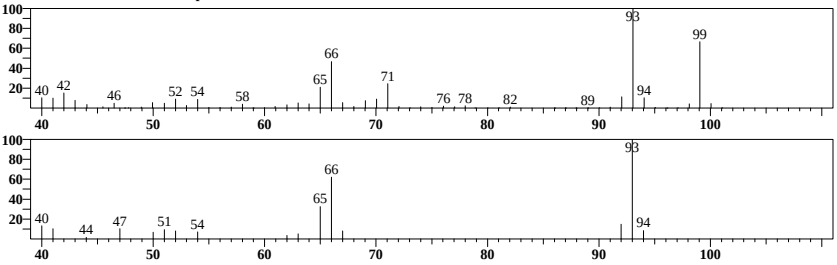
ID#:8 Name:Aniline Type:Target No Manual Integration

Mass:93.00 R.T:9.331 Area:771861 Conc:79.51296ppm
Event:1:Scan SI:71

#	m/z	Area	Ratio	Reference
1	66.00	180825	46.70	46.22
2	65.00	80837	20.88	22.48



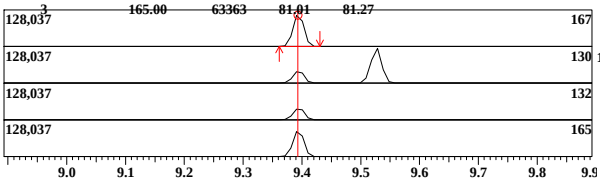
ID#:8 R.Time:9.332(Scan#:1177)
MassPeaks:59
RawMode:Averaged 9.322-9.342(1175-1179)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



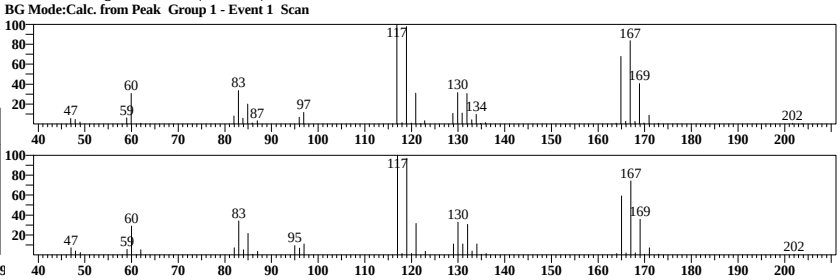
ID#:9 Name:Pentachloroethane Type:Target No Manual Integration

Mass:167.00 R.T:9.394 Area:150842 Conc:79.50292ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	130.00	29393	37.58	38.70
2	132.00	28620	36.59	34.68
3	165.00	63363	81.01	81.27



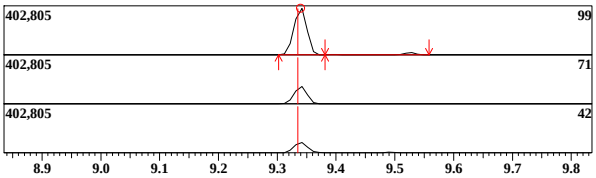
ID#:9 R.Time:9.391(Scan#:1189)
MassPeaks:40
RawMode:Averaged 9.381-9.401(1187-1191)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



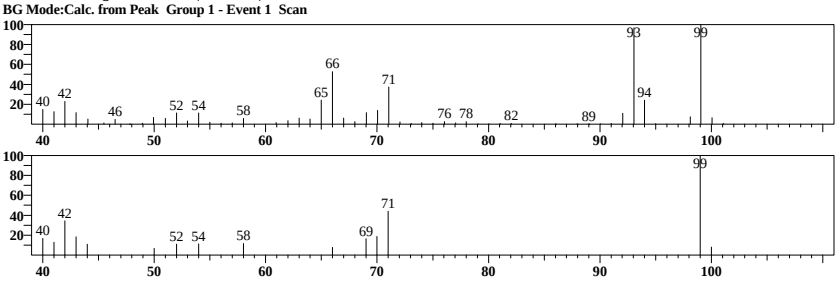
ID#:10 Name:Phenol-d6 Type:Surrogate/SMC No Manual Integration

Mass:99.00 R.T:9.340 Area:590699 Conc:80.54437ppm
Event:1:Scan SI:69

#	m/z	Area	Ratio	Reference
1	71.00	107304	37.24	35.02
2	42.00	65854	22.86	16.82



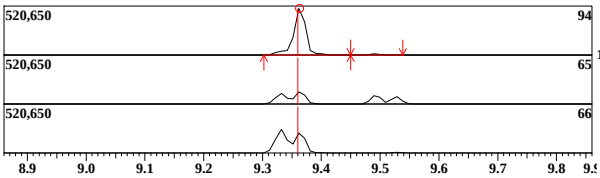
ID#:10 R.Time:9.342(Scan#:1179)
MassPeaks:53
RawMode:Averaged 9.332-9.352(1177-1181)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



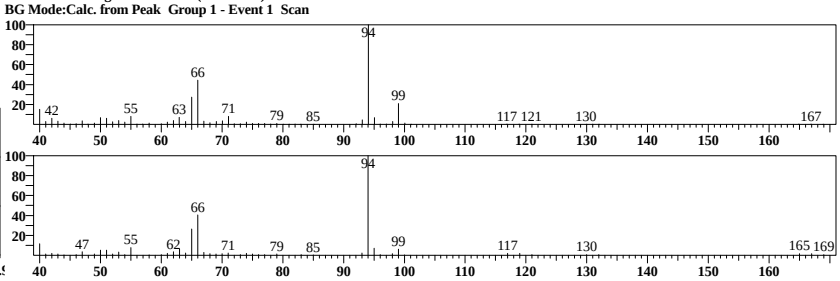
ID#:11 Name:Phenol Type:Target No Manual Integration

Mass:94.00 R.T:9.363 Area:740790 Conc:81.37620ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	65.00	94448	27.21	31.65
2	66.00	154461	44.50	40.72



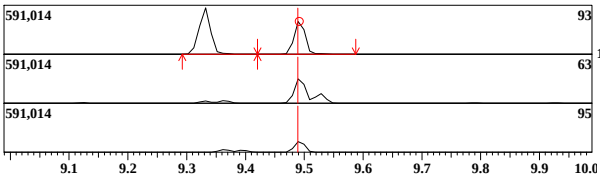
ID#:11 R.Time:9.362(Scan#:1183)
MassPeaks:63
RawMode:Averaged 9.352-9.371(1181-1185)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



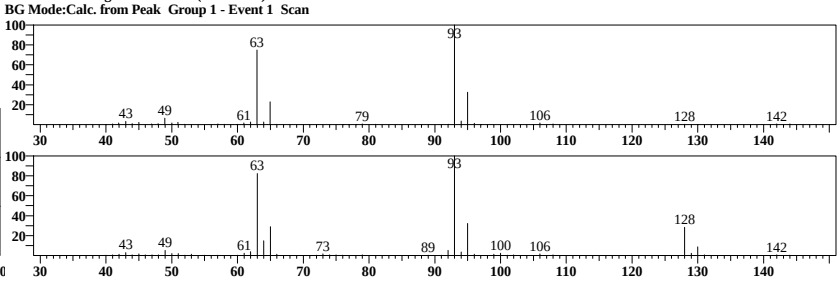
ID#:12 Name:bis(2-Chloroethyl)Ether Type:Target No Manual Integration

Mass:93.00 R.T:9.492 Area:539766 Conc:79.40308ppm
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	63.00	207434	74.76	95.54
2	95.00	90371	32.57	33.05



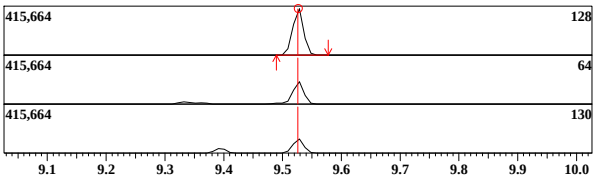
ID#:12 R.Time:9.489(Scan#:1209)
MassPeaks:38
RawMode:Averaged 9.479-9.499(1207-1211)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:13 Name:2-Chlorophenol Type:Target No Manual Integration

Mass:128.00 R.T:9.527 Area:518496 Conc:80.41455ppm
Event:1:Scan SI:86

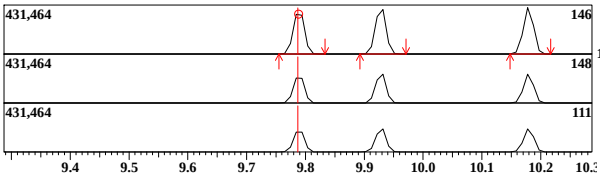
#	m/z	Area	Ratio	Reference
1	64.00	123558	46.25	65.60
2	130.00	83180	31.13	31.89



ID#:14 Name:1,3-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.789 Area:514432 Conc:77.94648ppm
Event:1:Scan SI:92

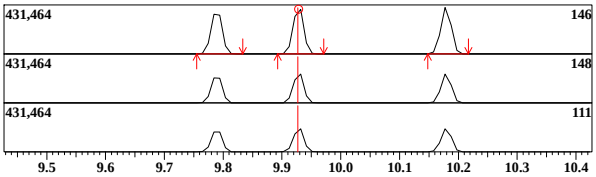
#	m/z	Area	Ratio	Reference
1	148.00	164778	62.64	64.92
2	111.00	132903	50.52	55.28



ID#:15 Name:1,4-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.929 Area:530748 Conc:78.63211ppm
Event:1:Scan SI:92

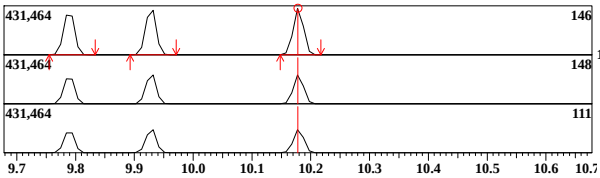
#	m/z	Area	Ratio	Reference
1	148.00	173936	63.29	66.17
2	111.00	137628	50.08	47.39



ID#:16 Name:1,2-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:10.179 Area:519059 Conc:79.83426ppm
Event:1:Scan SI:98

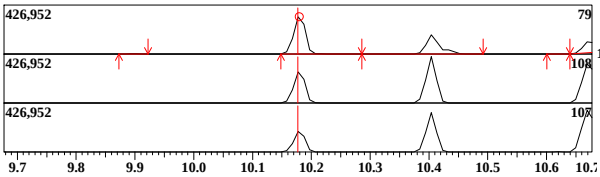
#	m/z	Area	Ratio	Reference
1	148.00	170768	61.84	65.19
2	111.00	139662	50.58	55.22



ID#:17 Name:Benzyl Alcohol Type:Target No Manual Integration

Mass:79.00 R.T:10.180 Area:467872 Conc:82.58631ppm
Event:1:Scan SI:95

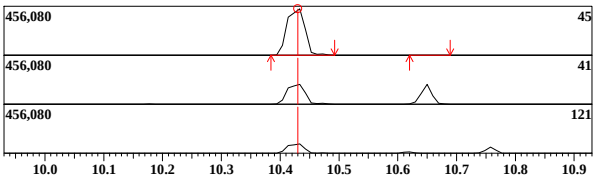
#	m/z	Area	Ratio	Reference
1	108.00	198404	82.73	85.77
2	107.00	131233	54.72	58.74



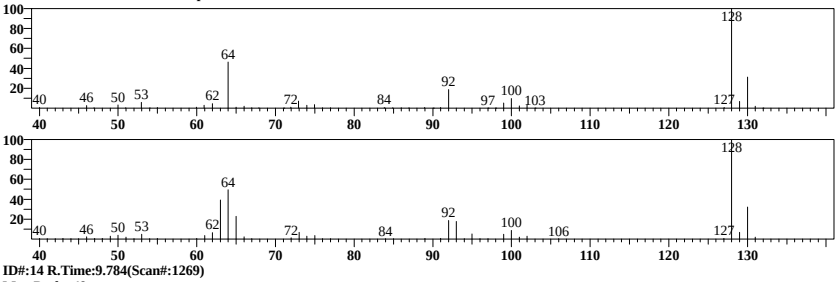
ID#:18 Name:bis(2-Chloroisopropyl) Ether Type:Target No Manual Integration

Mass:45.00 R.T:10.430 Area:929142 Conc:78.94592ppm
Event:1:Scan SI:94

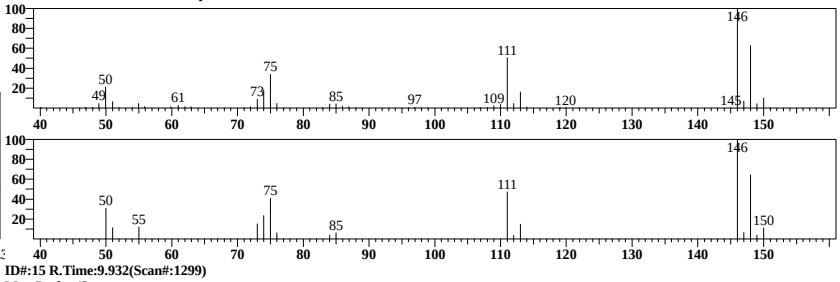
#	m/z	Area	Ratio	Reference
1	41.00	154366	43.37	39.13
2	121.00	68563	19.26	18.18



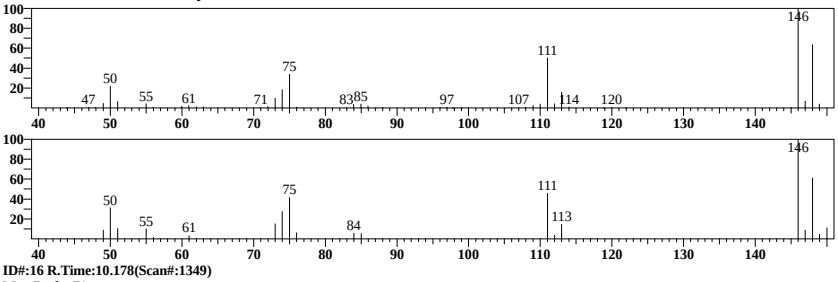
ID#:13 R.Time:9.529(Scan#:1217)
MassPeaks:44
RawMode:Averaged 9.519-9.539(1215-1219)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



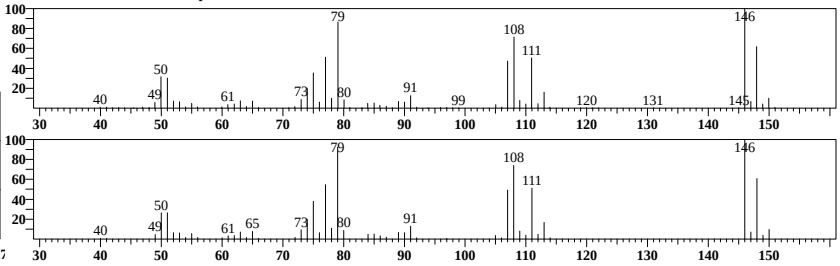
ID#:14 R.Time:9.784(Scan#:1269)
MassPeaks:49
RawMode:Averaged 9.774-9.794(1267-1271)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



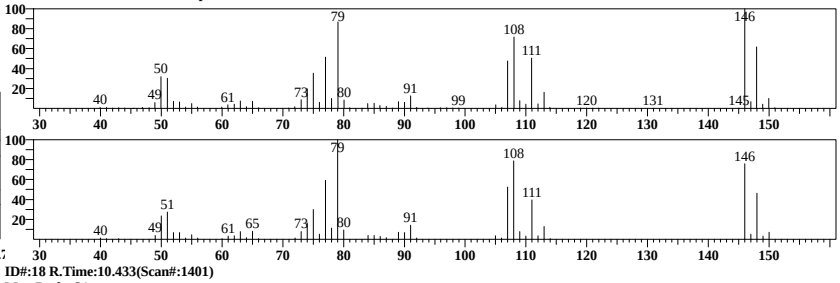
ID#:15 R.Time:9.932(Scan#:1299)
MassPeaks:43
RawMode:Averaged 9.922-9.942(1297-1301)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



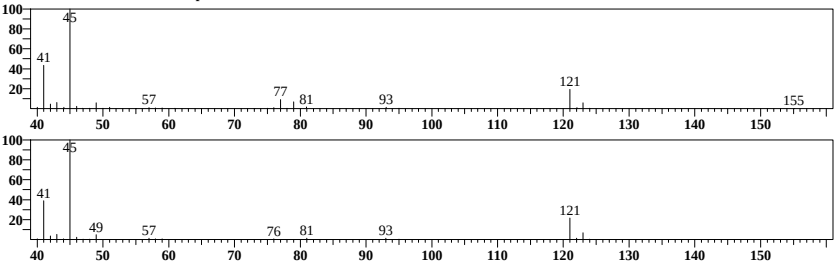
ID#:16 R.Time:10.178(Scan#:1349)
MassPeaks:71
RawMode:Averaged 10.168-10.188(1347-1351)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:17 R.Time:10.178(Scan#:1349)
MassPeaks:71
RawMode:Averaged 10.168-10.188(1347-1351)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



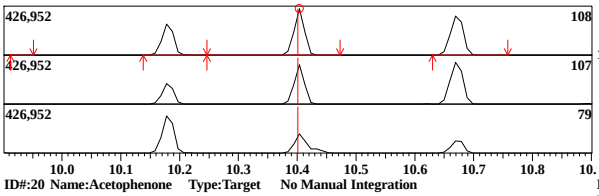
ID#:18 R.Time:10.433(Scan#:1401)
MassPeaks:31
RawMode:Averaged 10.424-10.443(1399-1403)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



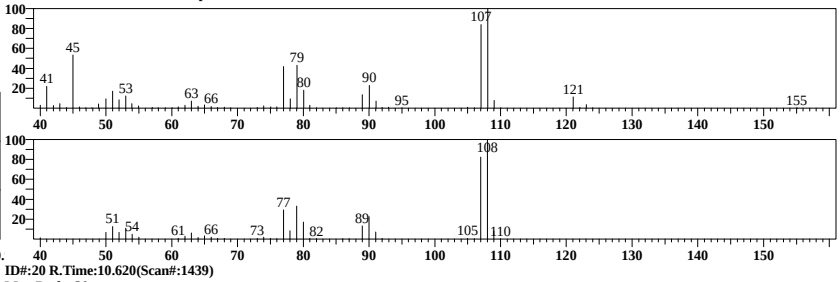
ID#:19 Name:2-Methylphenol (o-Cresol) Type:Target No Manual Integration

Mass:108.00 R.T:10.404 Area:508587 Conc:79.15067ppm
Event:1:Scan SI:86

#	m/z	Area	Ratio	Reference
1	107.00	223826	83.85	84.56
2	79.00	114827	43.02	35.28



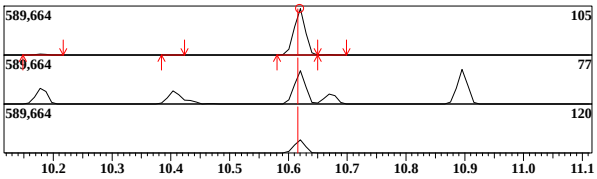
ID#:19 R.Time:10.404(Scan#:1395)
MassPeaks:59
RawMode:Averaged 10.394-10.414(1393-1397)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



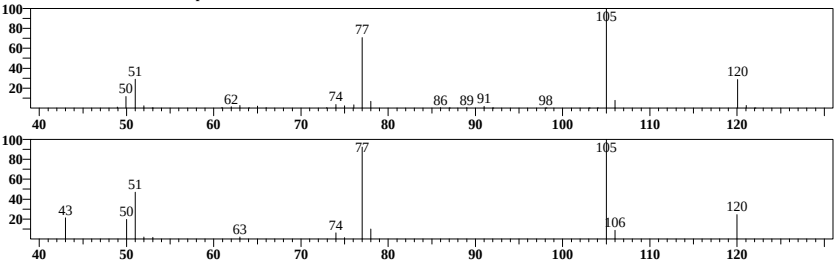
ID#:20 Name:Acetophenone Type:Target No Manual Integration

Mass:105.00 R.T:10.619 Area:752085 Conc:79.58919ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	77.00	273327	70.62	73.31
2	120.00	110214	28.48	24.48



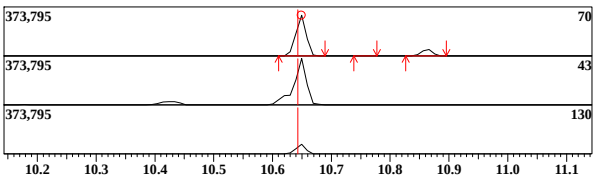
ID#:20 R.Time:10.620(Scan#:1439)
MassPeaks:30
RawMode:Averaged 10.610-10.630(1437-1441)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



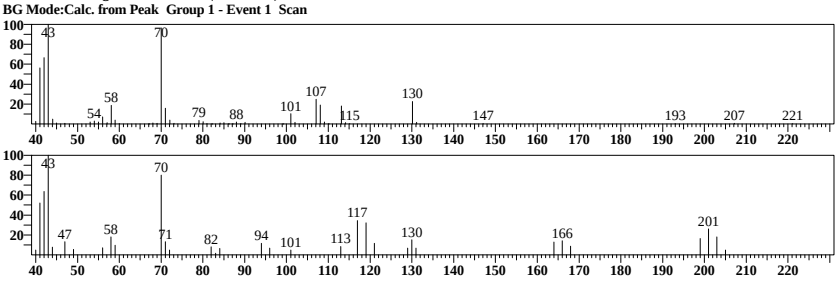
ID#:21 Name:N-Nitrosodi-n-propylamine Type:Target No Manual Integration

Mass:70.00 R.T:10.649 Area:387795 Conc:79.83078ppm
Event:1:Scan SI:71

#	m/z	Area	Ratio	Reference
1	43.00	211534	103.64	109.00
2	130.00	47365	23.21	17.19



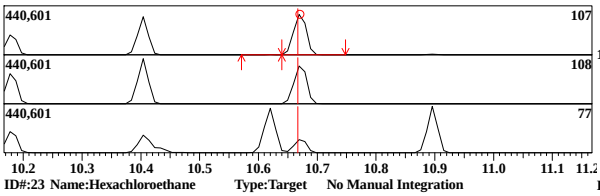
ID#:21 R.Time:10.650(Scan#:1445)
MassPeaks:49
RawMode:Averaged 10.640-10.660(1443-1447)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



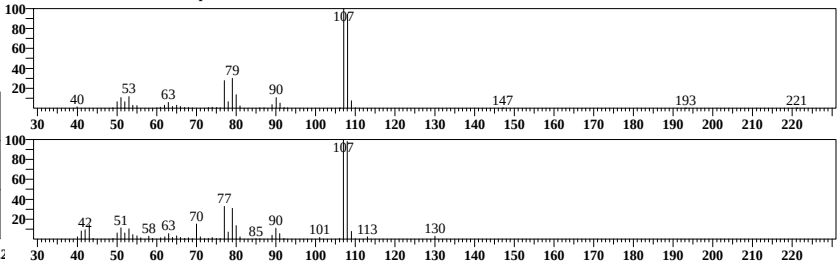
ID#:22 Name:3+4-Methylphenol(m&p-Cresol) Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/1/2022

Mass:107.00 R.T:10.671 Area:566337 Conc:82.14430ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	108.00	268502	94.51	95.43
2	77.00	78103	27.49	31.91



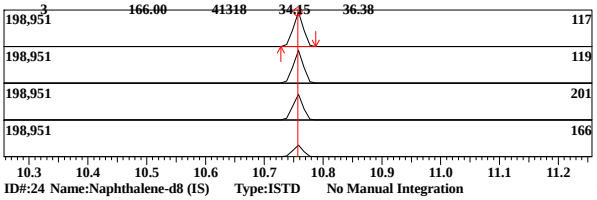
ID#:22 R.Time:10.669(Scan#:1449)
MassPeaks:42
RawMode:Averaged 10.660-10.679(1447-1451)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



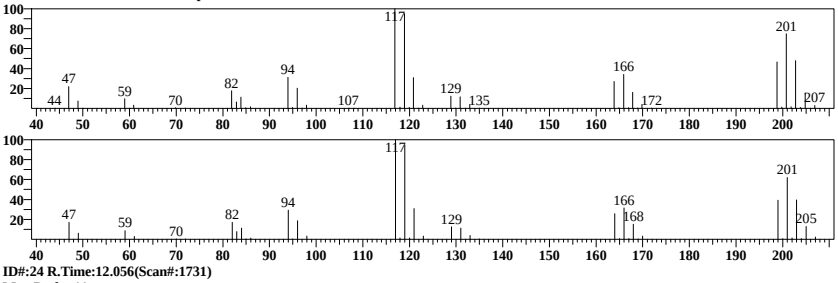
ID#:23 Name:Hexachloroethane Type:Target No Manual Integration

Mass:117.00 R.T:10.758 Area:226015 Conc:79.41043ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	119.00	115221	95.23	92.41
2	201.00	90584	74.87	78.73
3	166.00	41318	34.15	36.38



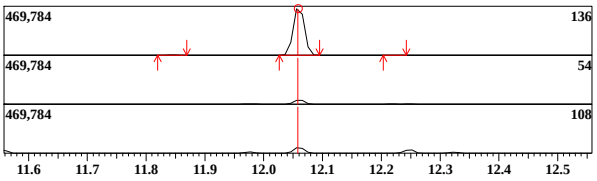
ID#:23 R.Time:10.758(Scan#:1467)
MassPeaks:52
RawMode:Averaged 10.748-10.768(1465-1469)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



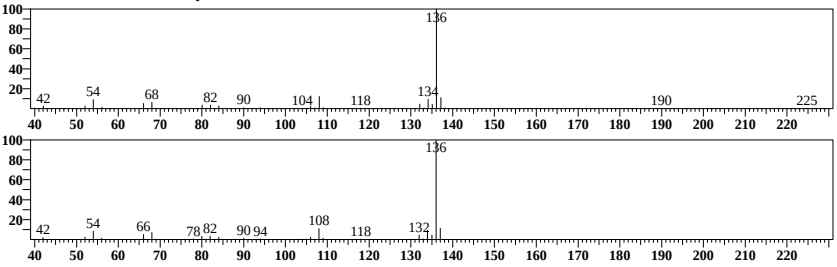
ID#:24 Name:Naphthalene-d8 (IS) Type:ISTD No Manual Integration

Mass:136.00 R.T:12.059 Area:625187 Conc:40.00000ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	54.00	29209	9.09	11.97
2	108.00	39261	12.22	12.20



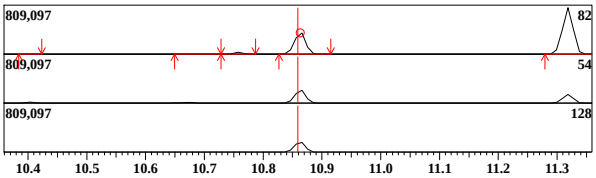
ID#:24 R.Time:12.056(Scan#:1731)
MassPeaks:44
RawMode:Averaged 12.046-12.066(1729-1733)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



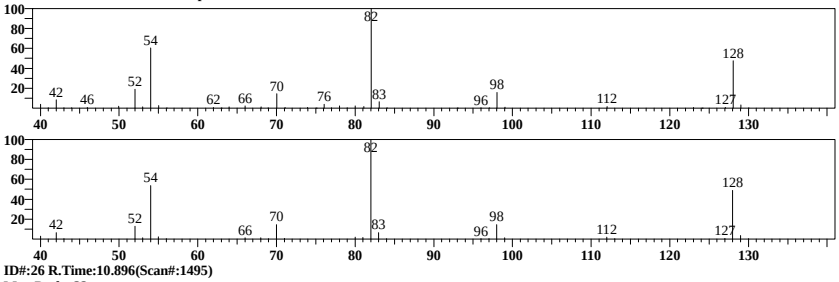
ID#:25 Name:Nitrobenzene-d5 Type:Surrogate/SMC No Manual Integration

Mass:82.00 R.T:10.863 Area:487303 Conc:83.75313ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	54.00	148233	60.56	65.85
2	128.00	116757	47.70	43.44



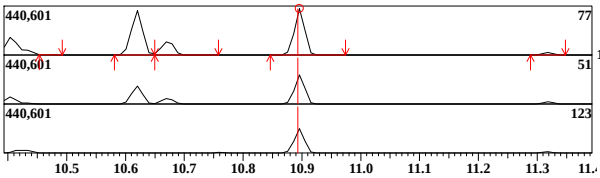
ID#:26 Name:Nitrobenzene Type:Target No Manual Integration

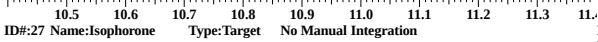


ID#:25 R.Time:10.866(Scan#:1489)
MassPeaks:43
RawMode:Averaged 10.856-10.876(1487-1491)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

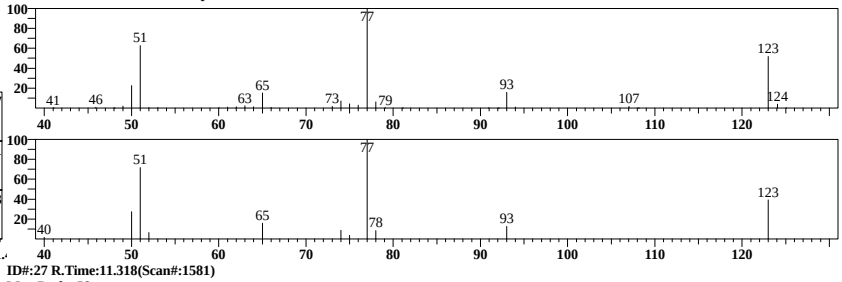
Mass:77.00 R.T:10.896 Area:519310 Conc:84.89230ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	51.00	173149	62.81	61.12
2	123.00	143109	51.91	46.32





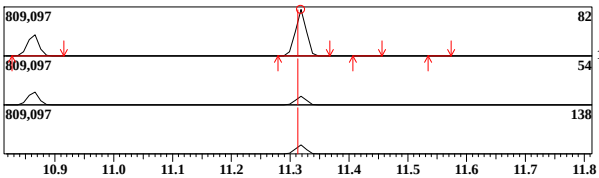
ID#:27 Name:Isophorone Type:Target No Manual Integration

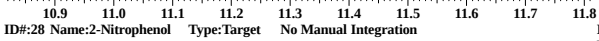


ID#:26 R.Time:10.896(Scan#:1495)
MassPeaks:32
RawMode:Averaged 10.886-10.905(1493-1497)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

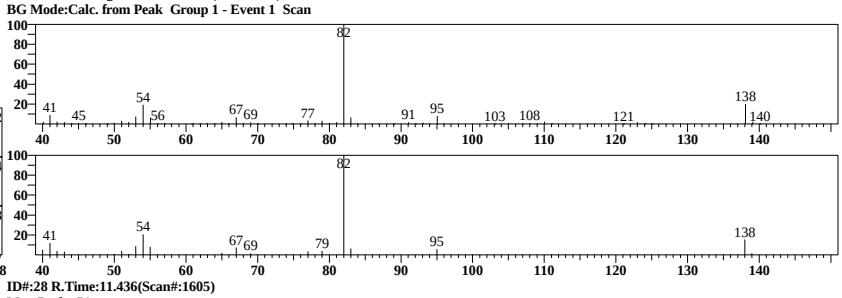
Mass:82.00 R.T:11.318 Area:996173 Conc:82.68368ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	54.00	99305	19.05	19.87
2	138.00	101811	19.53	14.87





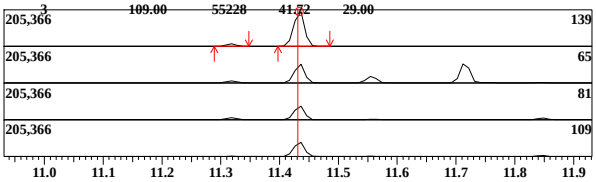
ID#:28 Name:2-Nitrophenol Type:Target No Manual Integration



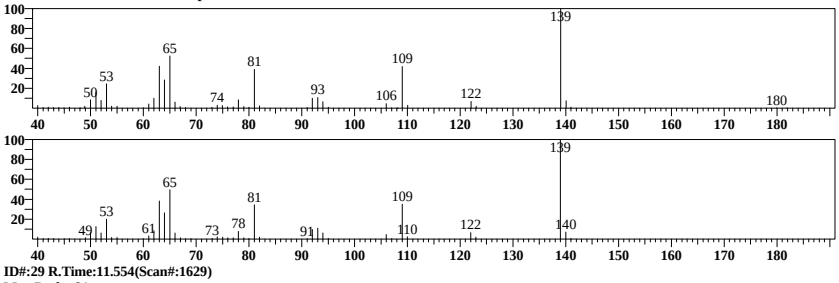
ID#:27 R.Time:11.318(Scan#:1581)
MassPeaks:58
RawMode:Averaged 11.309-11.328(1579-1583)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:139.00 R.T:11.434 Area:258771 Conc:86.29515ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	65.00	69433	52.45	55.00
2	81.00	51563	38.95	33.00
3	109.00	55228	41.72	29.00



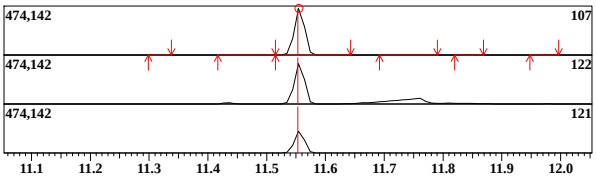
ID#:29 Name:2,4-Dimethylphenol Type:Target No Manual Integration

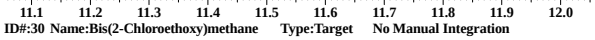


ID#:28 R.Time:11.436(Scan#:1605)
MassPeaks:51
RawMode:Averaged 11.427-11.446(1603-1607)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

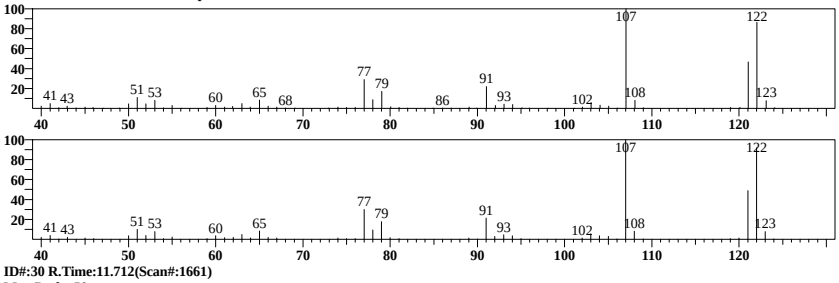
Mass:107.00 R.T:11.555 Area:555215 Conc:84.82467ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	122.00	255563	86.54	82.87
2	121.00	137879	46.69	42.24





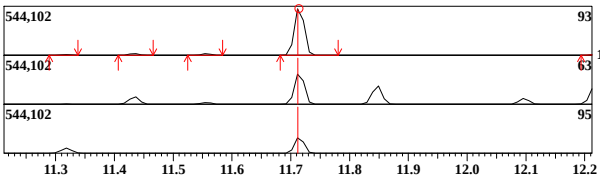
ID#:30 Name:Bis(2-Chloroethoxy)methane Type:Target No Manual Integration



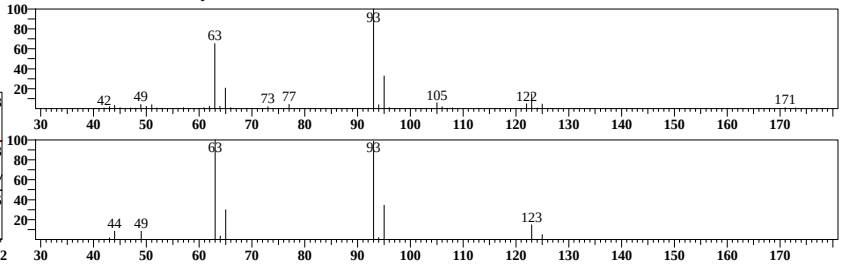
ID#:29 R.Time:11.554(Scan#:1629)
MassPeaks:64
RawMode:Averaged 11.544-11.564(1627-1631)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:93.00 R.T:11.714 Area:634915 Conc:83.04939ppm
Event:1:Scan SI:88

#	m/z	Area	Ratio	Reference
1	63.00	224017	65.36	85.08
2	95.00	112562	32.84	33.16



ID#:30 Name:Bis(2-Chloroethoxy)methane Type:Target No Manual Integration

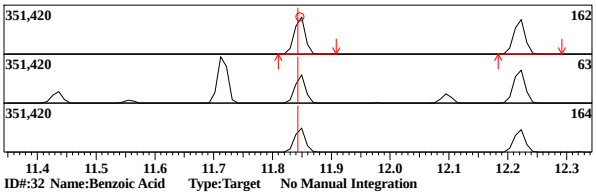


ID#:30 R.Time:11.712(Scan#:1661)
MassPeaks:50
RawMode:Averaged 11.702-11.722(1659-1663)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

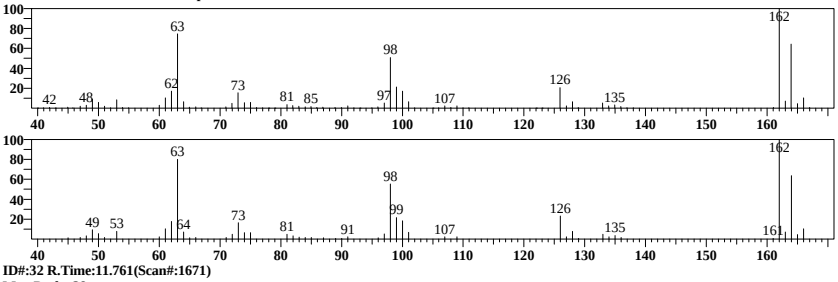
ID#:31 Name:2,4-Dichlorophenol Type:Target No Manual Integration

Mass:162.00 R.T:11.847 Area:351039 Conc:85.73453ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	63.00	134587	74.64	59.00
2	164.00	115958	64.31	65.54



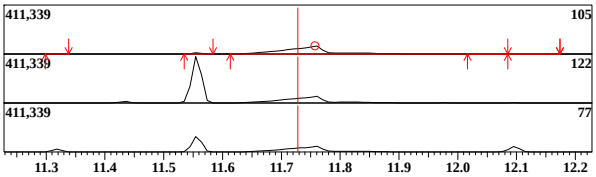
ID#:31 R.Time:11.849(Scan#:1689)
MassPeaks:78
RawMode:Averaged 11.839-11.859(1687-1691)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



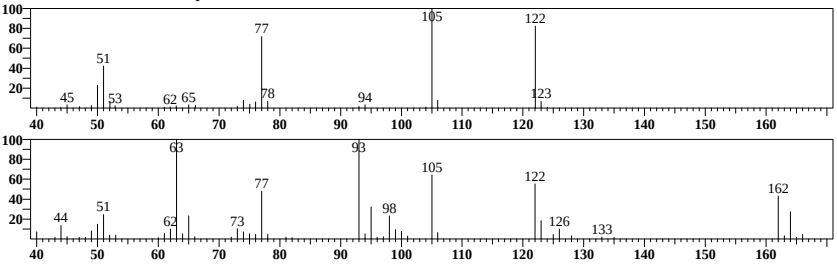
ID#:32 Name:Benzoic Acid Type:Target No Manual Integration

Mass:105.00 R.T:11.758 Area:356734 Conc:79.72018ppm
Event:1:Scan SI:65

#	m/z	Area	Ratio	Reference
1	122.00	44690	82.47	76.85
2	77.00	38897	71.78	75.23



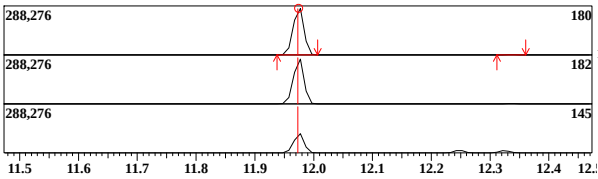
ID#:32 R.Time:11.761(Scan#:1671)
MassPeaks:28
RawMode:Averaged 11.751-11.771(1669-1673)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



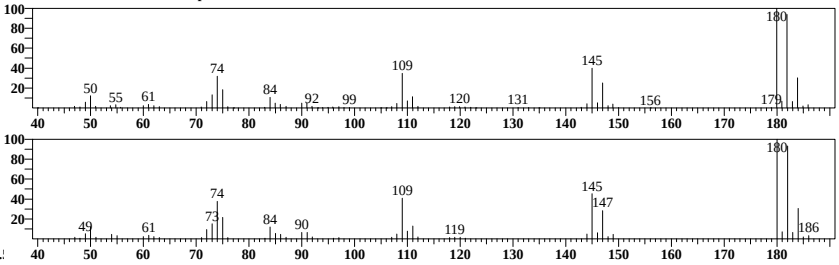
ID#:33 Name:1,2,4-Trichlorobenzene Type:Target No Manual Integration

Mass:180.00 R.T:11.975 Area:362174 Conc:83.56571ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	182.00	176288	93.75	91.21
2	145.00	75112	39.94	29.06



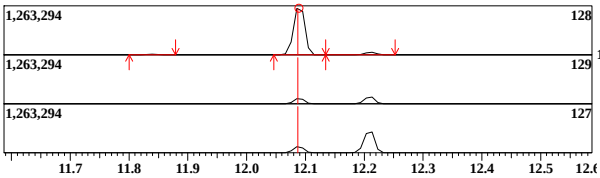
ID#:33 R.Time:11.977(Scan#:1715)
MassPeaks:69
RawMode:Averaged 11.967-11.987(1713-1717)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



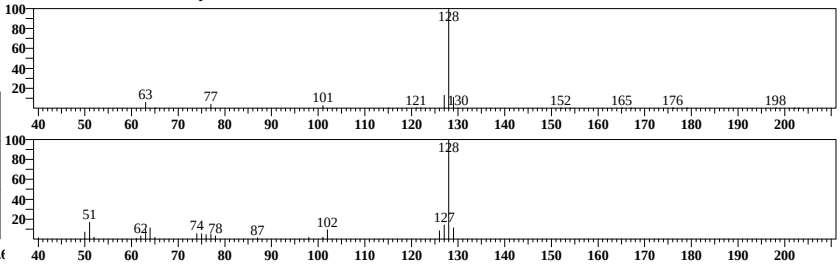
ID#:34 Name:Naphthalene Type:Target No Manual Integration

Mass:128.00 R.T:12.089 Area:1703809 Conc:79.63431ppm
Event:2:SIM SI:93

#	m/z	Area	Ratio	Reference
1	129.00	96959	10.90	10.48
2	127.00	114036	12.82	13.97



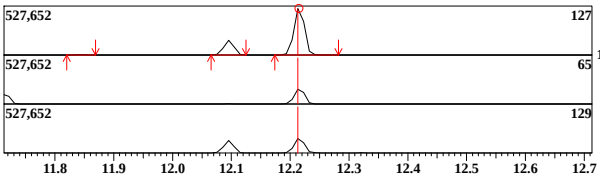
ID#:34 R.Time:12.085(Scan#:1738)
MassPeaks:20
RawMode:Averaged 12.076-12.095(1736-1740)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



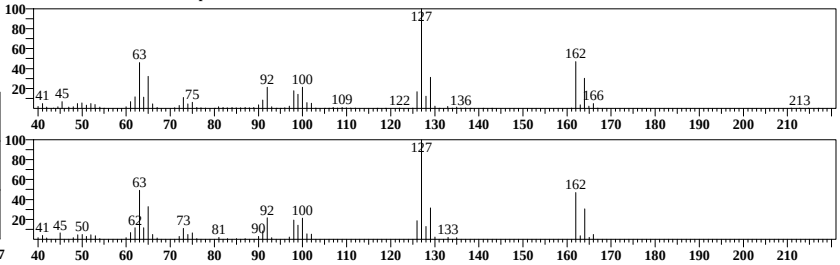
ID#:35 Name:4-Chloroaniline Type:Target No Manual Integration

Mass:127.00 R.T:12.215 Area:649627 Conc:86.42061ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	65.00	110691	32.18	45.58
2	129.00	107422	31.23	30.27



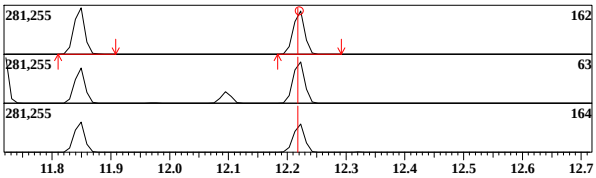
ID#:35 R.Time:12.213(Scan#:1763)
MassPeaks:92
RawMode:Averaged 12.203-12.223(1761-1765)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



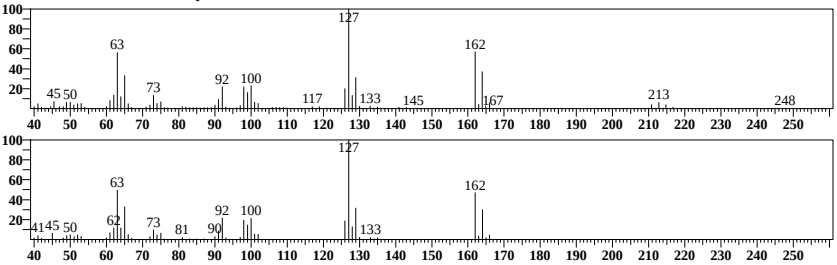
ID#:36 Name:2,6-Dichlorophenol Type:Target No Manual Integration

Mass:162.00 R.T:12.220 Area:341772 Conc:84.87831ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	63.00	170403	98.50	88.00
2	164.00	112199	64.86	62.85



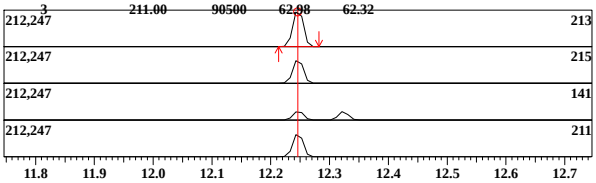
ID#:36 R.Time:12.223(Scan#:1765)
MassPeaks:107
RawMode:Averaged 12.213-12.233(1763-1767)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



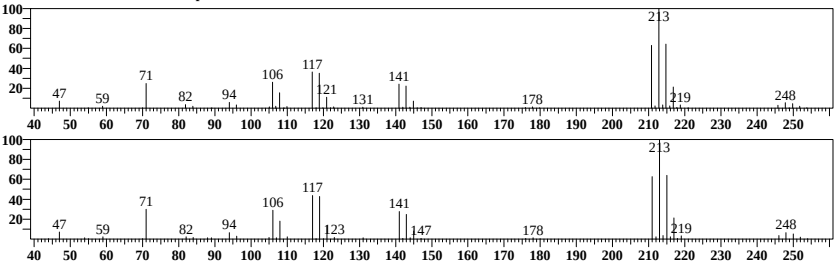
ID#:37 Name:Hexachloropropene Type:Target No Manual Integration

Mass:213.00 R.T:12.246 Area:271994 Conc:85.73194ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	215.00	92459	64.35	64.65
2	141.00	34511	24.02	22.52
3	211.00	90500	62.98	62.32



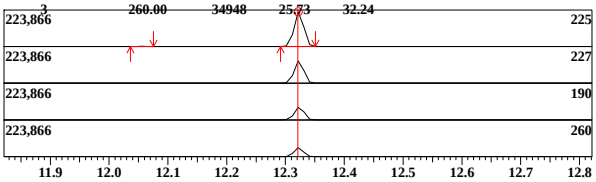
ID#:37 R.Time:12.243(Scan#:1769)
MassPeaks:50
RawMode:Averaged 12.233-12.253(1767-1771)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



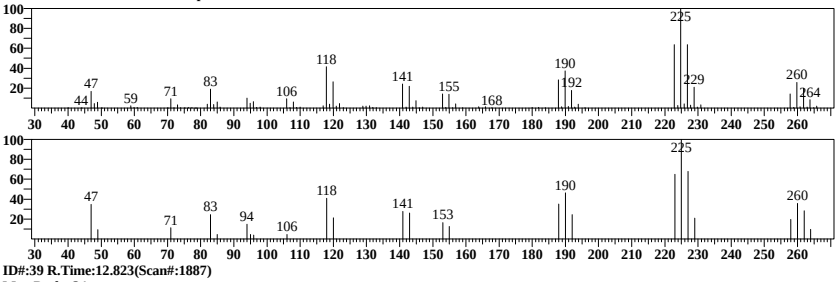
ID#:38 Name:Hexachlorobutadiene Type:Target No Manual Integration

Mass:225.00 R.T:12.322 Area:250454 Conc:84.15457ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	227.00	86655	63.80	64.03
2	190.00	50735	37.35	38.21
3	260.00	34948	25.73	32.24



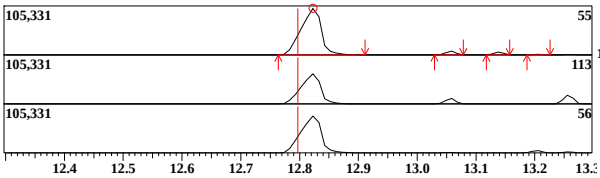
ID#:38 R.Time:12.321(Scan#:1785)
MassPeaks:90
RawMode:Averaged 12.312-12.331(1783-1787)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



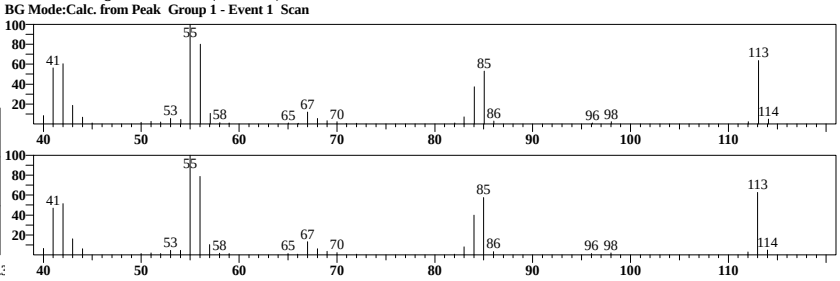
ID#:39 Name:Caprolactam Type:Target No Manual Integration

Mass:55.00 R.T:12.823 Area:239006 Conc:84.63609ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	113.00	55658	63.54	78.00
2	56.00	70117	80.04	79.15



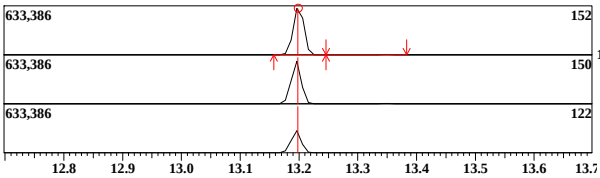
ID#:39 R.Time:12.823(Scan#:1887)
MassPeaks:34
RawMode:Averaged 12.813-12.833(1885-1889)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



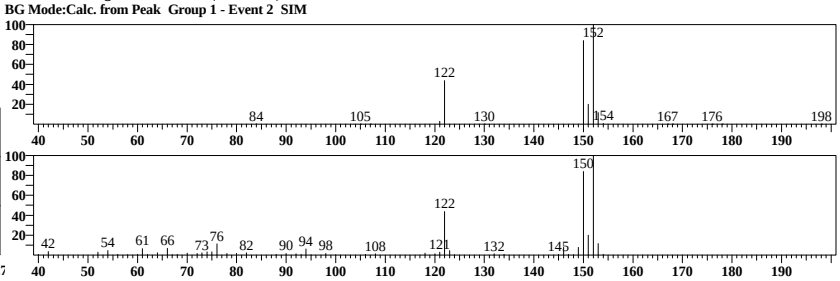
ID#:40 Name:2-Methylnaphthalene-d10 Type:Target No Manual Integration

Mass:152.00 R.T:13.199 Area:807296 Conc:81.22302ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	150.00	356335	83.95	58.54
2	122.00	185249	43.64	46.34



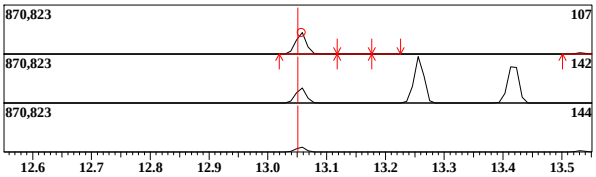
ID#:40 R.Time:13.196(Scan#:1964)
MassPeaks:16
RawMode:Averaged 13.187-13.206(1962-1966)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



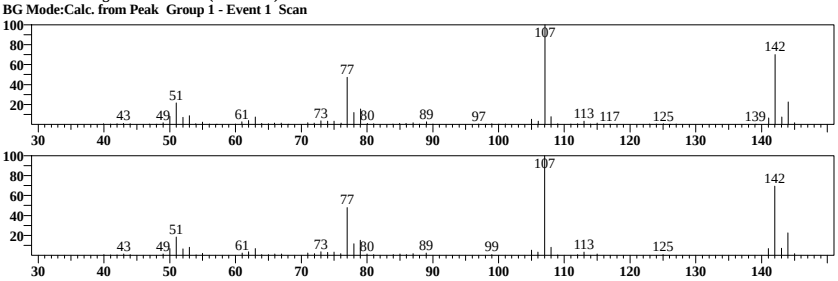
ID#:41 Name:4-Chloro-3-methylphenol Type:Target No Manual Integration

Mass:107.00 R.T:13.057 Area:503342 Conc:84.25995ppm
Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	142.00	180435	70.15	60.24
2	144.00	57813	22.48	18.55



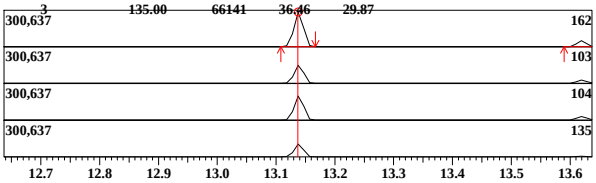
ID#:41 R.Time:13.059(Scan#:1935)
MassPeaks:70
RawMode:Averaged 13.049-13.069(1933-1937)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



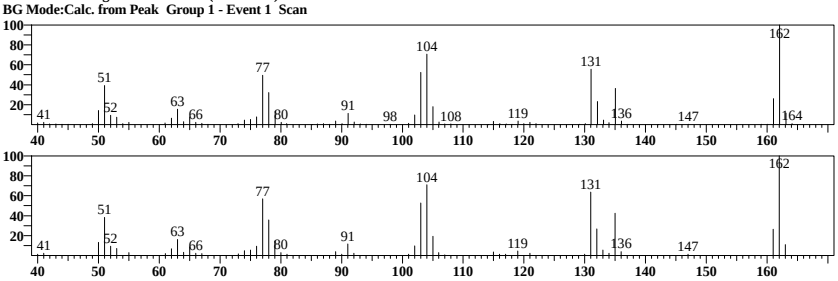
ID#:42 Name:Safrole Type:Target No Manual Integration

Mass:162.00 R.T:13.138 Area:332693 Conc:83.23197ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	103.00	94941	52.34	50.38
2	104.00	128283	70.72	67.22
3	135.00	66141	36.46	29.87



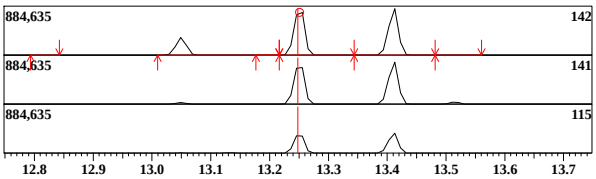
ID#:42 R.Time:13.137(Scan#:1951)
MassPeaks:76
RawMode:Averaged 13.128-13.147(1949-1953)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:43 Name:2-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.251 Area:1072823 Conc:78.68673ppm
Event:2:SIM SI:98

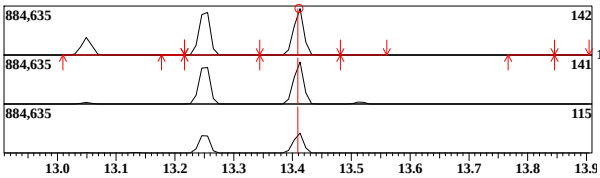
#	m/z	Area	Ratio	Reference
1	141.00	471910	87.23	68.04
2	115.00	224041	41.41	50.52



ID#:44 Name:1-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.411 Area:1015666 Conc:78.53687ppm
Event:2:SIM SI:92

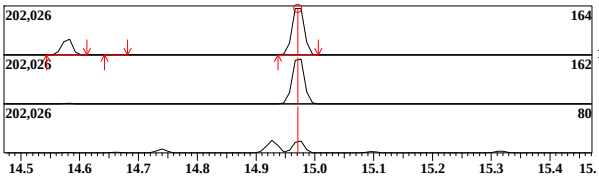
#	m/z	Area	Ratio	Reference
1	141.00	483540	90.49	72.83
2	115.00	232750	43.56	32.61



ID#:45 Name:Acenaphthene-d10 (IS) Type:ISTD No Manual Integration

Mass:164.00 R.T:14.971 Area:290979 Conc:40.00000ppm
Event:1:Scan SI:94

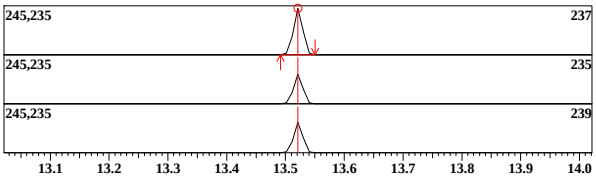
#	m/z	Area	Ratio	Reference
1	162.00	137480	95.03	95.44
2	80.00	17210	11.90	29.92



ID#:46 Name:Hexachlorocyclopentadiene Type:Target No Manual Integration

Mass:237.00 R.T:13.521 Area:267980 Conc:78.36991ppm
Event:1:Scan SI:95

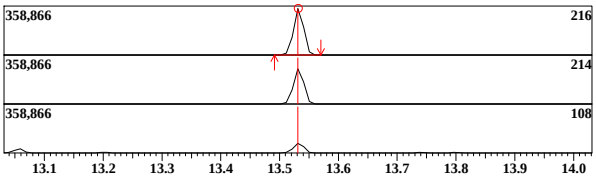
#	m/z	Area	Ratio	Reference
1	235.00	91896	63.03	58.98
2	239.00	93410	64.07	65.78



ID#:47 Name:1,2,4,5-Tetrachlorobenzene Type:Target No Manual Integration

Mass:216.00 R.T:13.532 Area:424604 Conc:81.95103ppm
Event:1:Scan SI:74

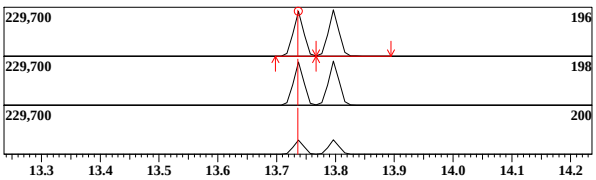
#	m/z	Area	Ratio	Reference
1	214.00	174978	77.23	78.02
2	108.00	49603	21.90	22.55



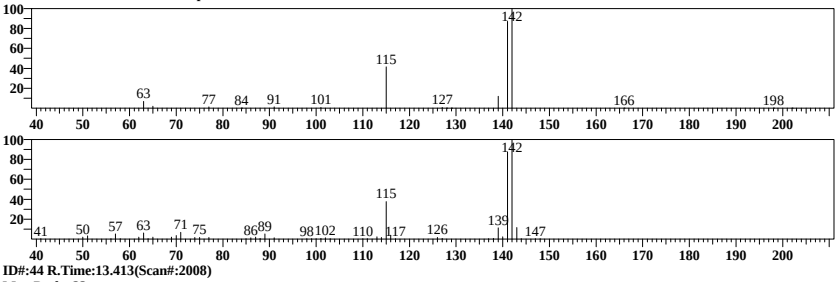
ID#:48 Name:2,4,6-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.737 Area:262045 Conc:85.52943ppm
Event:1:Scan SI:96

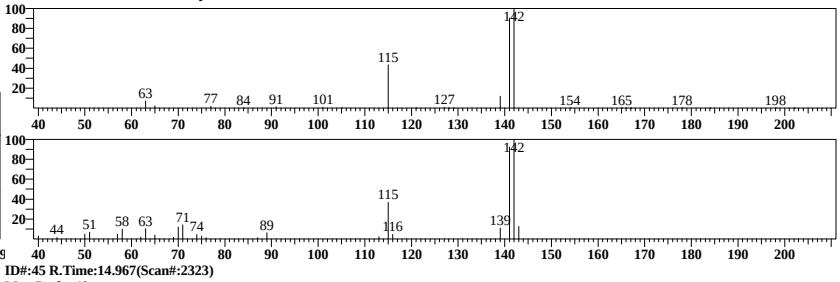
#	m/z	Area	Ratio	Reference
1	198.00	132079	95.91	94.42
2	200.00	43654	31.70	32.47



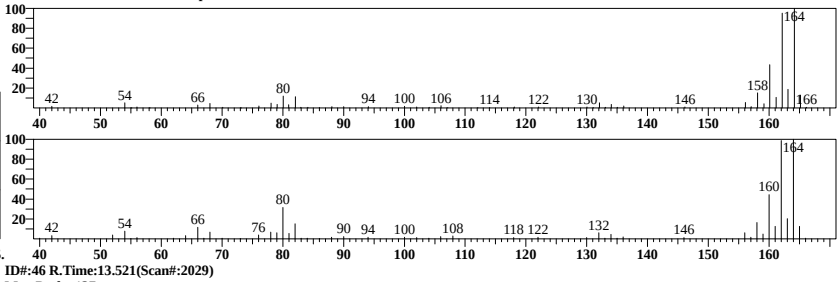
ID#:43 R.Time:13.256(Scan#:1976)
MassPeaks:16
RawMode:Averaged 13.246-13.265(1974-1978)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



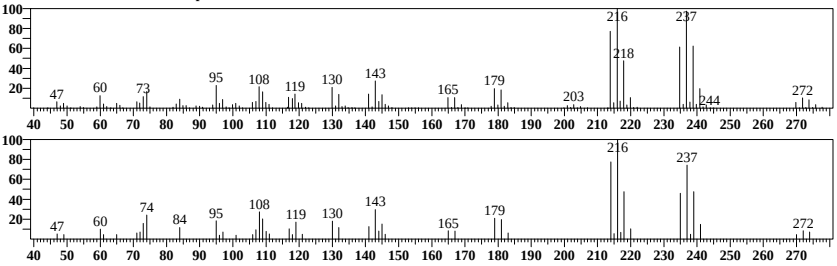
ID#:44 R.Time:13.413(Scan#:2008)
MassPeaks:23
RawMode:Averaged 13.403-13.423(2006-2010)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



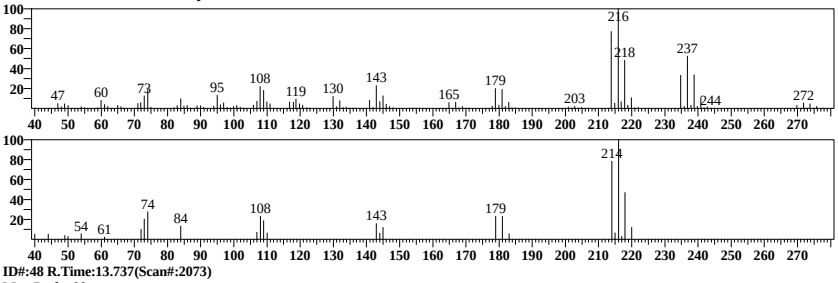
ID#:45 R.Time:14.967(Scan#:2323)
MassPeaks:49
RawMode:Averaged 14.957-14.976(2321-2325)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



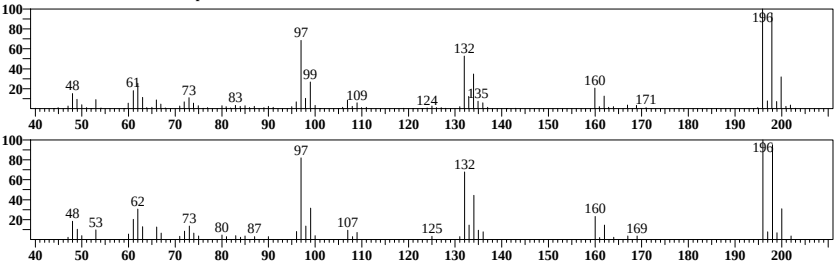
ID#:46 R.Time:13.521(Scan#:2029)
MassPeaks:127
RawMode:Averaged 13.511-13.531(2027-2031)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:47 R.Time:13.531(Scan#:2031)
MassPeaks:126
RawMode:Averaged 13.521-13.541(2029-2033)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



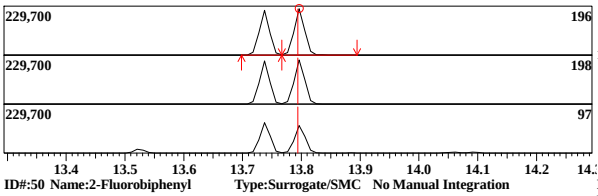
ID#:48 R.Time:13.737(Scan#:2073)
MassPeaks:88
RawMode:Averaged 13.727-13.747(2071-2075)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

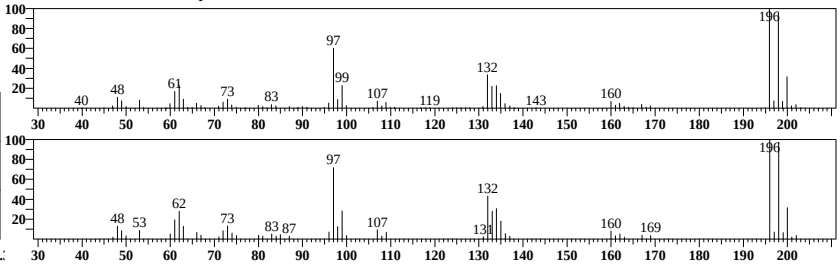


ID#:49 Name:2,4,5-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.797 Area:280493 Conc:84.00980ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	198.00	137370	95.77	97.81
2	97.00	86445	60.26	65.15

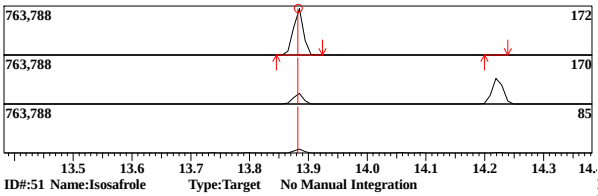


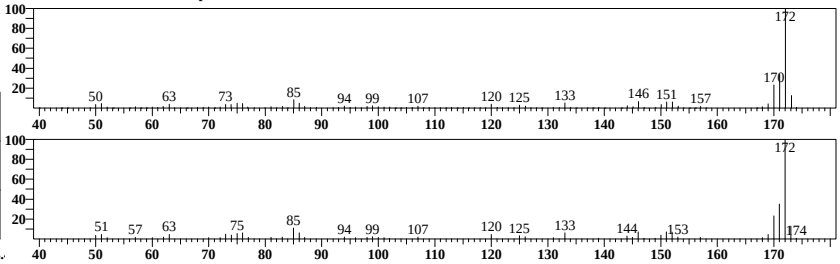


ID#:50 Name:2-Fluorobiphenyl Type:Surrogate/SMC No Manual Integration

Mass:172.00 R.T:13.883 Area:865687 Conc:82.04757ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	170.00	106428	22.99	22.48
2	85.00	39419	8.52	9.13

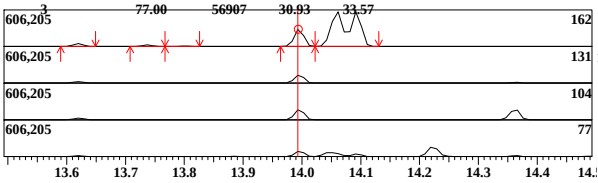


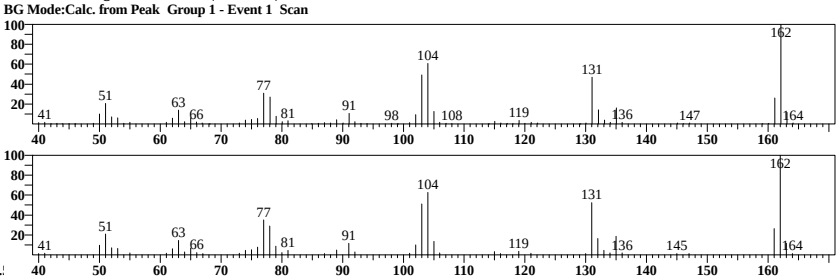


ID#:51 Name:Isosafrole Type:Target No Manual Integration

Mass:162.00 R.T:13.994 Area:342156 Conc:82.60270ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	131.00	86181	46.84	42.54
2	104.00	111941	60.84	57.35
3	77.00	56907	30.93	33.57

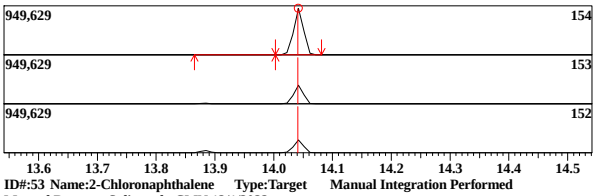


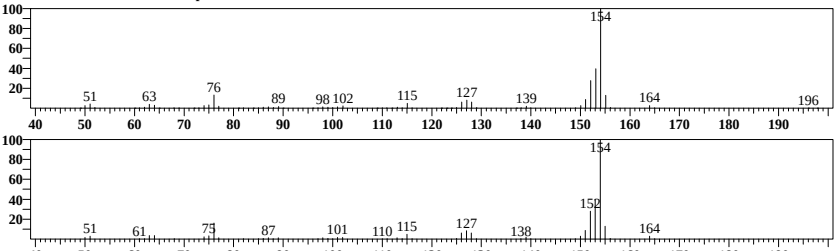


ID#:52 Name:1,1'-Biphenyl Type:Target No Manual Integration

Mass:154.00 R.T:14.042 Area:1078270 Conc:82.13201ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	153.00	231249	39.70	38.49
2	152.00	161558	27.74	28.01

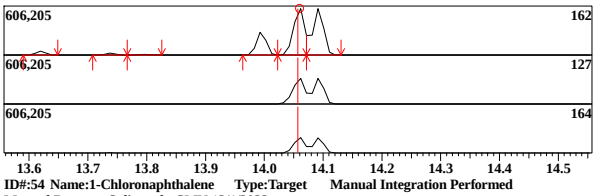


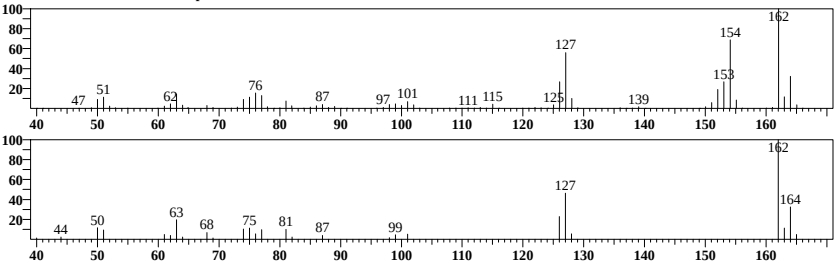


ID#:53 Name:2-Chloronaphthalene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/1/2022

Mass:162.00 R.T:14.060 Area:797767 Conc:78.32812ppm
Event:1:Scan SI:78

#	m/z	Area	Ratio	Reference
1	127.00	121424	55.92	48.49
2	164.00	69919	32.20	32.94

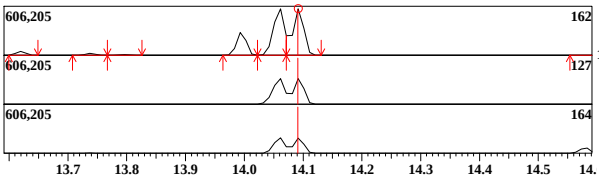


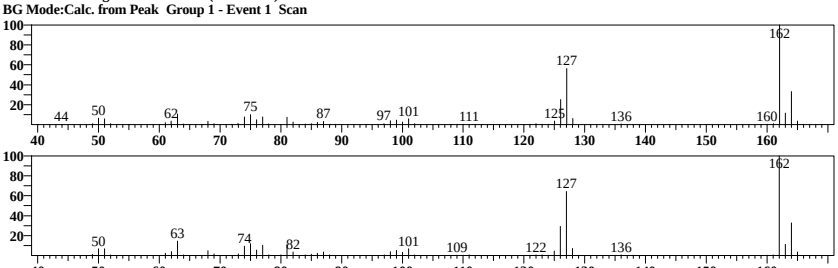


ID#:54 Name:1-Chloronaphthalene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/1/2022

Mass:162.00 R.T:14.092 Area:705839 Conc:88.53613ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	127.00	125634	56.12	48.49
2	164.00	73853	32.99	32.94

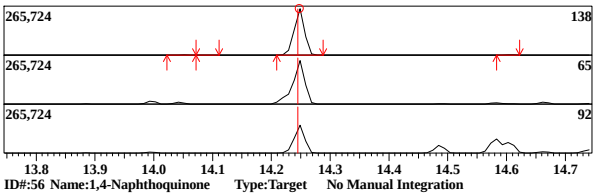




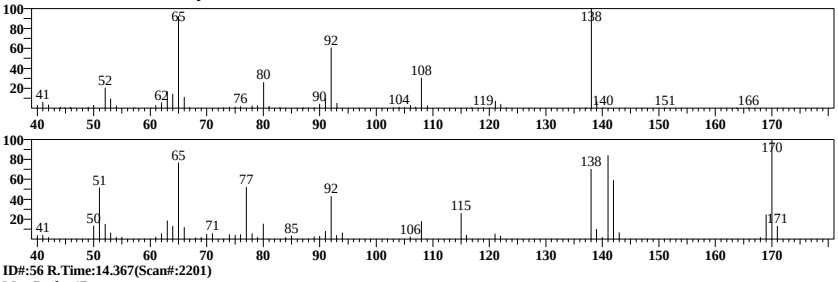
ID#:55 Name:2-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.248 Area:313698 Conc:85.56604ppm
Event:1:Scan SI:58

#	m/z	Area	Ratio	Reference
1	65.00	151261	92.03	101.46
2	92.00	99317	60.43	55.64



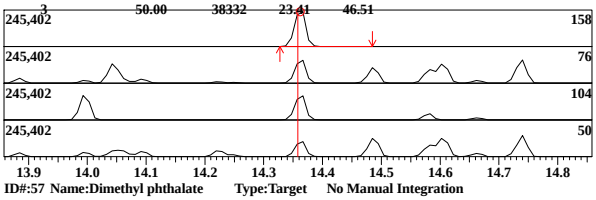
ID#:56 Name:1,4-Naphthoquinone Type:Target No Manual Integration



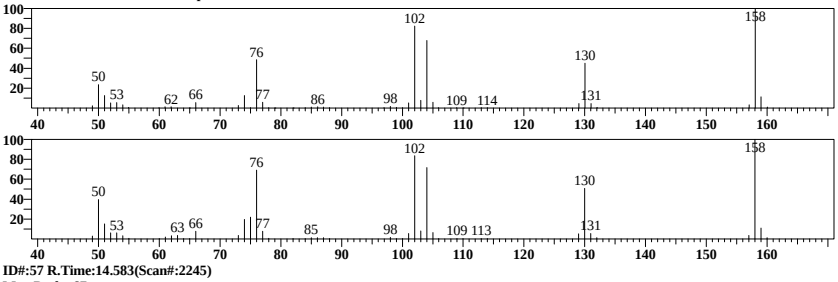
ID#:56 R.Time:14.367(Scan#:2201)
MassPeaks:47
RawMode:Averaged 14.357-14.377(2199-2203)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:158.00 R.T:14.363 Area:335589 Conc:82.82526ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	76.00	79454	48.52	68.34
2	104.00	111085	67.84	74.24
3	50.00	38332	23.41	46.51

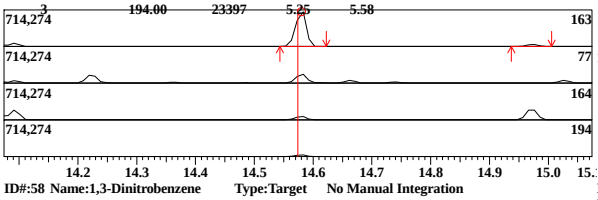


ID#:57 Name:Dimethyl phthalate Type:Target No Manual Integration

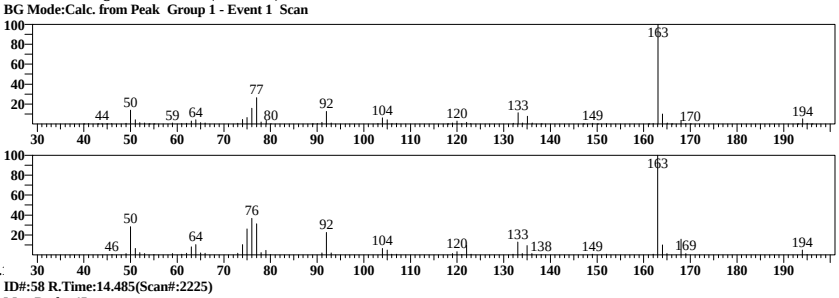


Mass:163.00 R.T:14.580 Area:868320 Conc:81.86621ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	77.00	116972	26.23	29.31
2	164.00	44396	9.95	10.65
3	194.00	23397	5.25	5.58

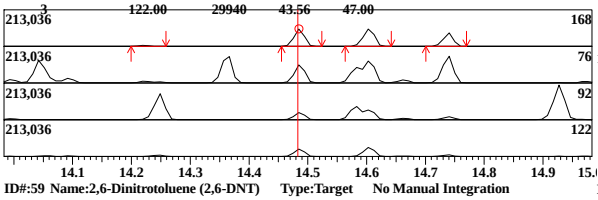


ID#:58 Name:1,3-Dinitrobenzene Type:Target No Manual Integration

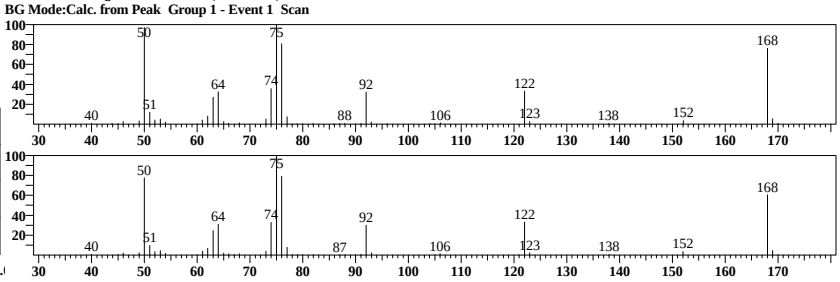


Mass:168.00 R.T:14.485 Area:129525 Conc:78.13221ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	76.00	72678	105.73	100.00
2	92.00	28911	42.06	44.00
3	122.00	29940	43.56	47.00

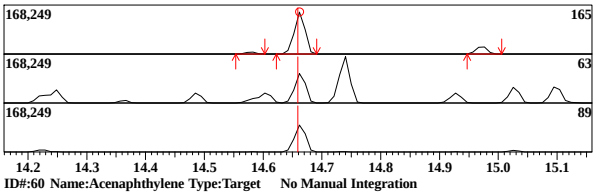


ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT) Type:Target No Manual Integration

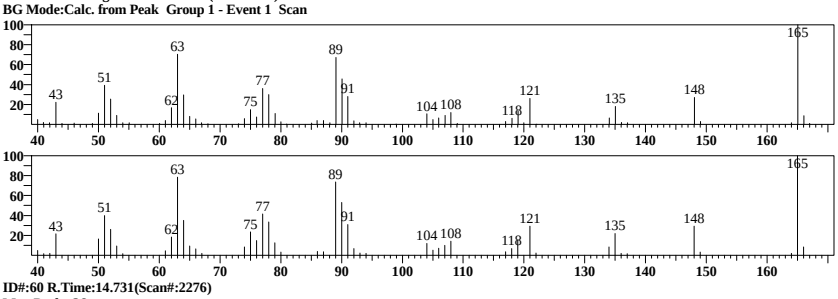


Mass:165.00 R.T:14.662 Area:187895 Conc:82.62071ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	63.00	69949	70.56	89.00
2	89.00	66738	67.32	65.00

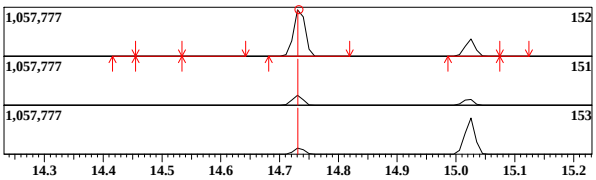


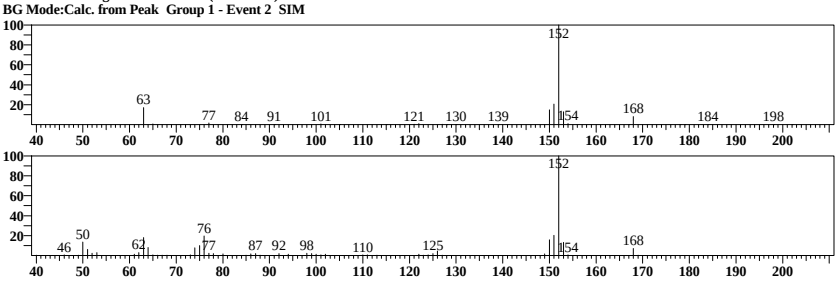
ID#:60 Name:Acenaphthylene Type:Target No Manual Integration



Mass:152.00 R.T:14.733 Area:1410583 Conc:79.27107ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	151.00	149905	20.52	14.97
2	153.00	93723	12.83	5.44

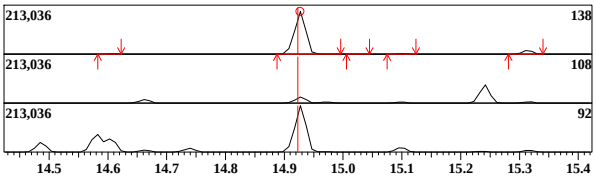




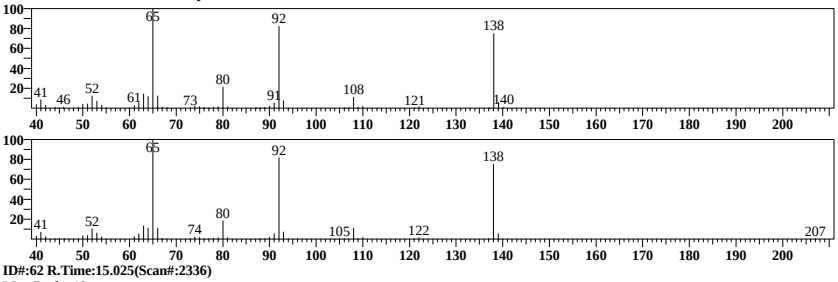
ID#:61 Name:3-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.927 Area:252232 Conc:82.65988ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	108.00	18950	14.73	16.00
2	92.00	141136	109.68	101.00



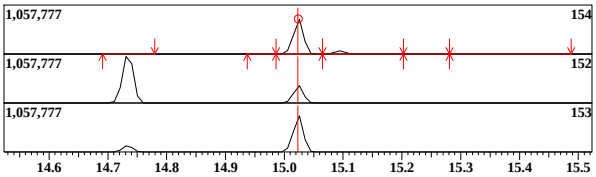
ID#:61 R.Time:14.927(Scan#:2315)
MassPeaks:52
RawMode:Averaged 14.917-14.937(2313-2317)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



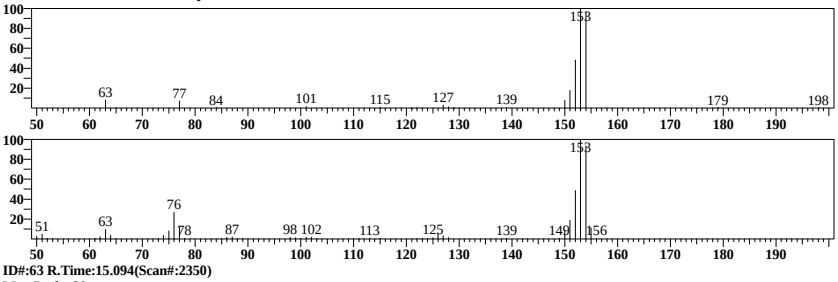
ID#:62 Name:Acenaphthene Type:Target No Manual Integration

Mass:154.00 R.T:15.024 Area:914621 Conc:77.45639ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	152.00	242351	50.21	59.49
2	153.00	501026	103.79	105.06



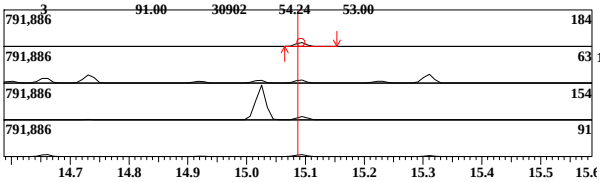
ID#:62 R.Time:15.025(Scan#:2336)
MassPeaks:19
RawMode:Averaged 15.016-15.035(2334-2338)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



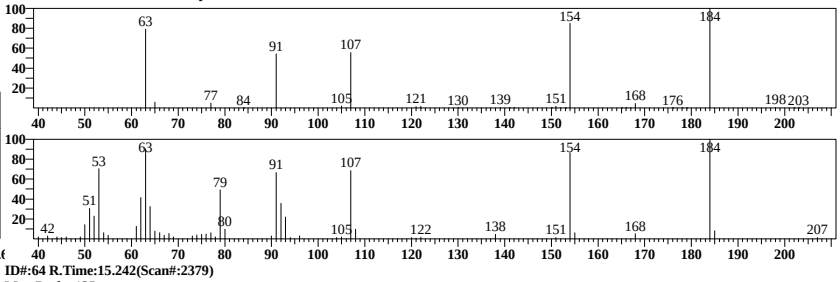
ID#:63 Name:2,4-Dinitrophenol Type:Target Manual Integration Performed
Manual Reason: Baseline smoothing. CMN 12/1/2022

Mass:184.00 R.T:15.093 Area:112195 Conc:76.66283ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	63.00	45096	79.15	90.00
2	154.00	48446	85.03	64.00
3	91.00	30902	54.24	53.00



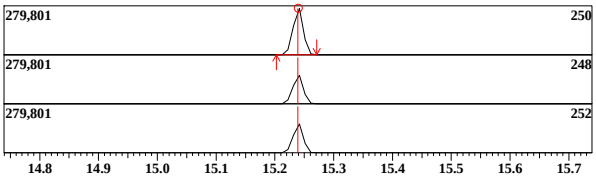
ID#:63 R.Time:15.094(Scan#:2350)
MassPeaks:29
RawMode:Averaged 15.085-15.104(2348-2352)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



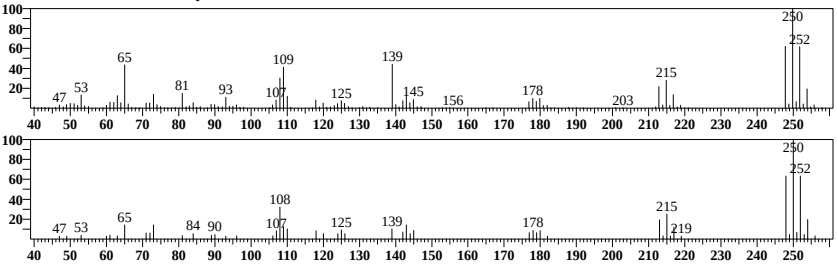
ID#:64 Name:Pentachlorobenzene Type:Target No Manual Integration

Mass:250.00 R.T:15.240 Area:331300 Conc:82.72335ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	248.00	108212	62.02	63.33
2	252.00	107632	61.69	65.87



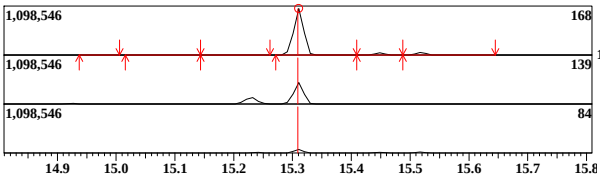
ID#:64 R.Time:15.242(Scan#:2379)
MassPeaks:125
RawMode:Averaged 15.232-15.252(2377-2381)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



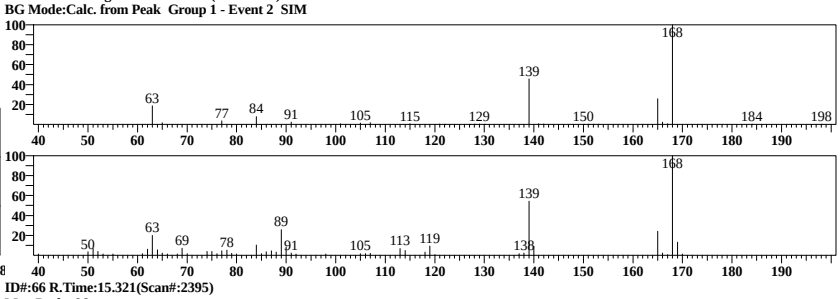
ID#:65 Name:Dibenzofuran Type:Target No Manual Integration

Mass:168.00 R.T:15.310 Area:1261151 Conc:77.92293ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	139.00	307829	45.76	44.93
2	84.00	51343	7.63	10.15



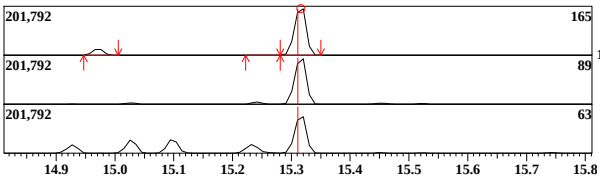
ID#:65 R.Time:15.311(Scan#:2394)
MassPeaks:28
RawMode:Averaged 15.301-15.320(2392-2396)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



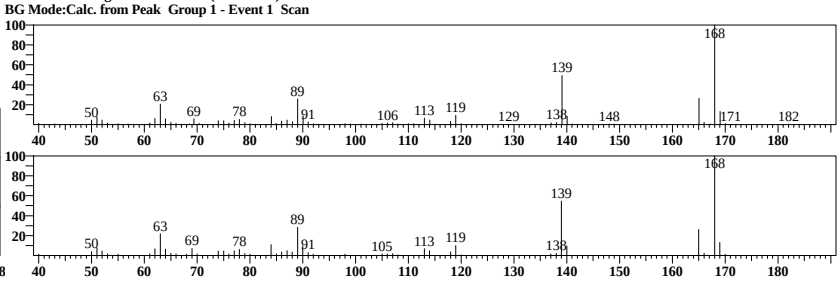
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT) Type:Target No Manual Integration

Mass:165.00 R.T:15.316 Area:277998 Conc:84.72910ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	89.00	131966	97.51	96.00
2	63.00	105594	78.03	80.00



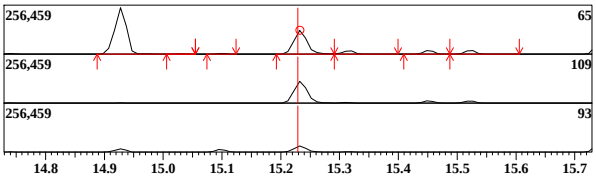
ID#:66 R.Time:15.321(Scan#:2395)
MassPeaks:96
RawMode:Averaged 15.311-15.330(2393-2397)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:67 Name:4-Nitrophenol Type:Target No Manual Integration

Mass:65.00 R.T:15.233 Area:198114 Conc:77.59515ppm
Event:1:Scan SI:72

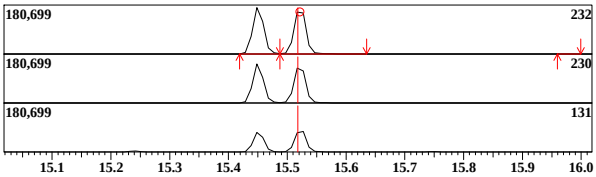
#	m/z	Area	Ratio	Reference
1	109.00	85388	92.95	97.00
2	93.00	23288	25.35	21.72



ID#:68 Name:2,3,4,6-Tetrachlorophenol Type:Target No Manual Integration

Mass:232.00 R.T:15.522 Area:234565 Conc:83.08454ppm
Event:1:Scan SI:97

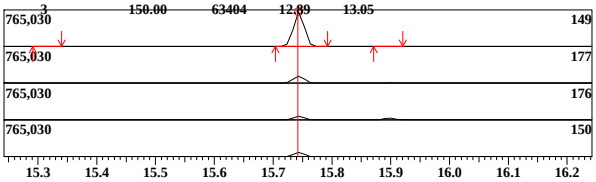
#	m/z	Area	Ratio	Reference
1	230.00	92835	80.92	75.09
2	131.00	54173	47.22	41.75



ID#:69 Name:Diethyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:15.744 Area:936496 Conc:81.05787ppm
Event:1:Scan SI:98

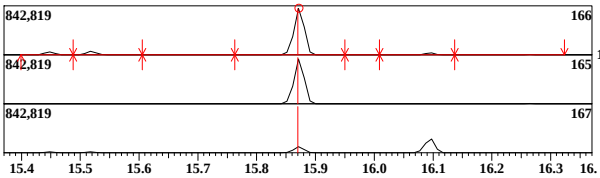
#	m/z	Area	Ratio	Reference
1	177.00	101417	20.62	23.56
2	176.00	51190	10.41	10.95
3	150.00	63404	12.89	13.05



ID#:70 Name:Fluorene Type:Target No Manual Integration

Mass:166.00 R.T:15.872 Area:1005506 Conc:78.30893ppm
Event:2:SIM SI:96

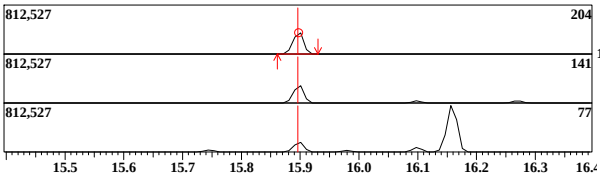
#	m/z	Area	Ratio	Reference
1	165.00	508680	95.62	75.42
2	167.00	70968	13.34	3.39



ID#:71 Name:4-Chlorophenyl phenyl ether Type:Target No Manual Integration

Mass:204.00 R.T:15.898 Area:464057 Conc:81.18324ppm
Event:1:Scan SI:73

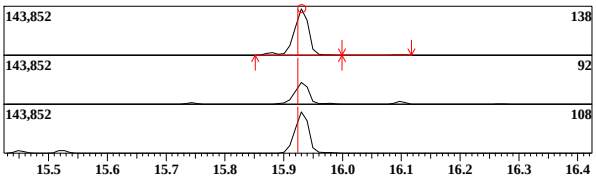
#	m/z	Area	Ratio	Reference
1	141.00	193090	81.07	98.00
2	77.00	106856	44.86	53.19



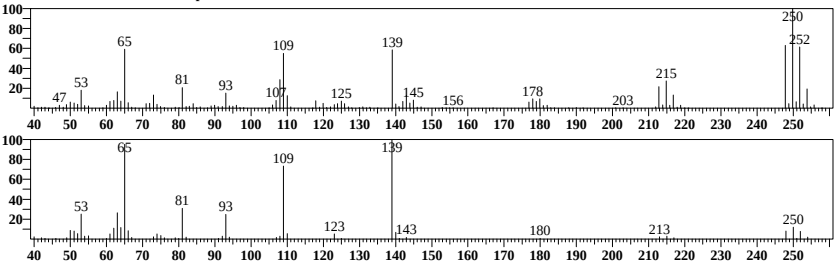
ID#:72 Name:4-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:15.931 Area:237991 Conc:83.79263ppm
Event:1:Scan SI:74

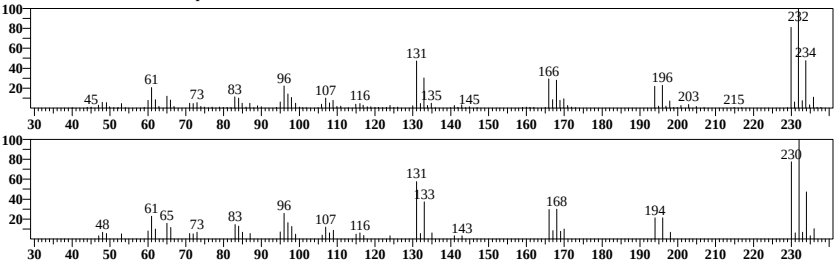
#	m/z	Area	Ratio	Reference
1	92.00	51045	47.40	64.55
2	108.00	96497	89.61	83.01



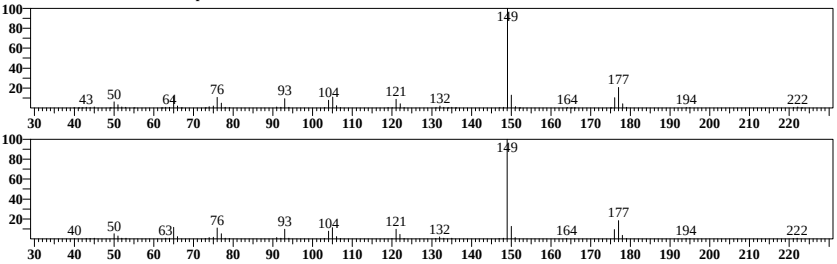
ID#:67 R.Time:15.232(Scan#:2377)
MassPeaks:121
RawMode:Averaged 15.222-15.242(2375-2379)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



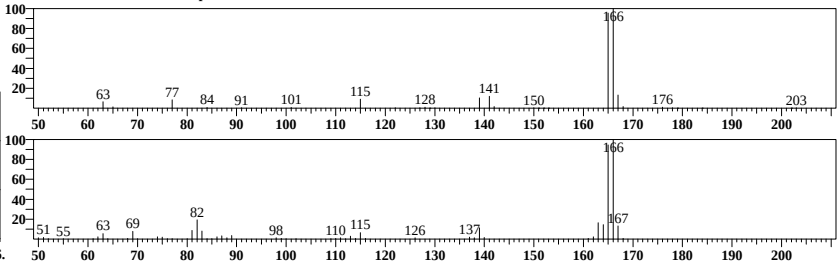
ID#:68 R.Time:15.517(Scan#:2435)
MassPeaks:117
RawMode:Averaged 15.507-15.527(2433-2437)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



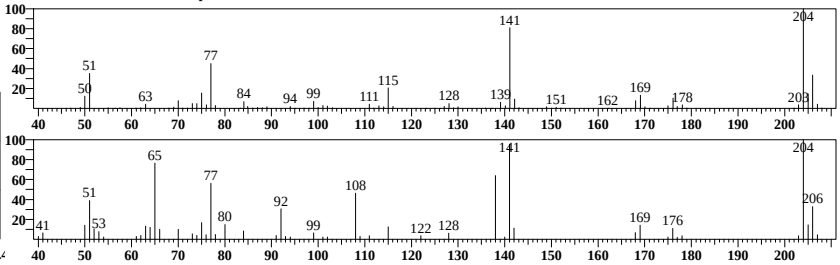
ID#:69 R.Time:15.743(Scan#:2481)
MassPeaks:64
RawMode:Averaged 15.733-15.753(2479-2483)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



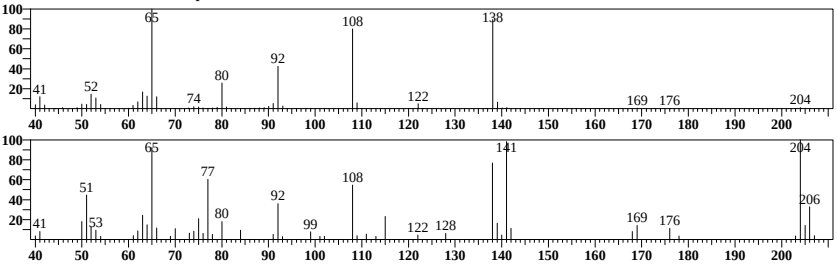
ID#:70 R.Time:15.871(Scan#:2508)
MassPeaks:29
RawMode:Averaged 15.861-15.881(2506-2510)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



ID#:71 R.Time:15.901(Scan#:2513)
MassPeaks:78
RawMode:Averaged 15.891-15.911(2511-2515)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



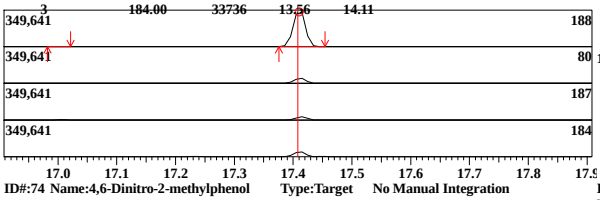
ID#:72 R.Time:15.930(Scan#:2519)
MassPeaks:49
RawMode:Averaged 15.920-15.940(2517-2521)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:73 Name:Phenanthrene-d10 (IS) Type:ISTD No Manual Integration

Mass:188.00 R.T:17.411 Area:510035 Conc:40.00000ppm
Event:1:Scan SI:97

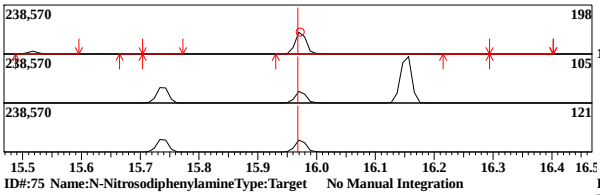
#	m/z	Area	Ratio	Reference
1	80.00	33767	13.57	15.93
2	187.00	23879	9.60	10.00
3	184.00	33736	13.56	14.11



ID#:74 Name:4,6-Dinitro-2-methylphenol Type:Target No Manual Integration

Mass:198.00 R.T:15.972 Area:149176 Conc:78.28337ppm
Event:2:SIM SI:82

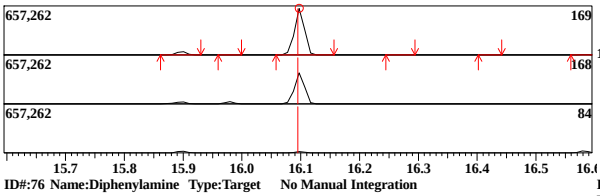
#	m/z	Area	Ratio	Reference
1	105.00	38242	51.23	55.83
2	121.00	40995	54.91	44.01



ID#:75 Name:N-NitrosodiphenylamineType:Target No Manual Integration

Mass:169.00 R.T:16.098 Area:751989 Conc:85.22254ppm
Event:1:Scan SI:91

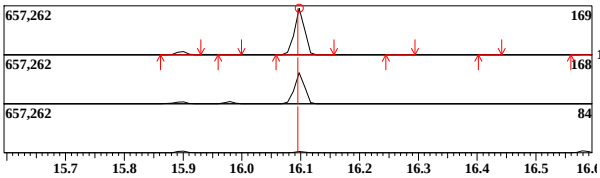
#	m/z	Area	Ratio	Reference
1	168.00	270999	67.23	64.38
2	84.00	12678	3.15	2.92



ID#:76 Name:Diphenylamine Type:Target No Manual Integration

Mass:169.00 R.T:16.098 Area:751989 Conc:85.22254ppm
Event:1:Scan SI:91

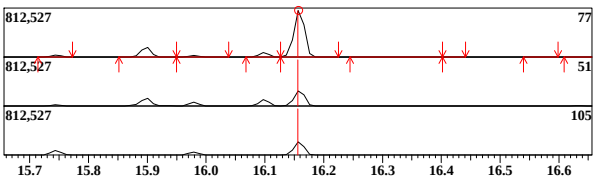
#	m/z	Area	Ratio	Reference
1	168.00	270999	67.23	64.38
2	84.00	12678	3.15	2.92



ID#:77 Name:1,2-Diphenylhydrazine Type:Target No Manual Integration

Mass:77.00 R.T:16.158 Area:1000383 Conc:84.67439ppm
Event:1:Scan SI:95

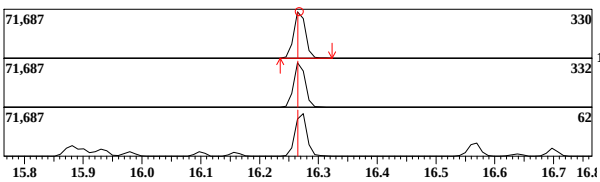
#	m/z	Area	Ratio	Reference
1	51.00	176882	33.29	21.73
2	105.00	148139	27.88	6.07



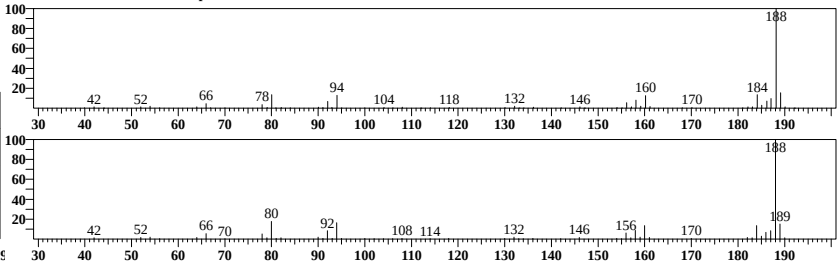
ID#:78 Name:2,4,6-Tribromophenol Type:Surrogate/SMC No Manual Integration

Mass:330.00 R.T:16.267 Area:96471 Conc:81.12827ppm
Event:1:Scan SI:73

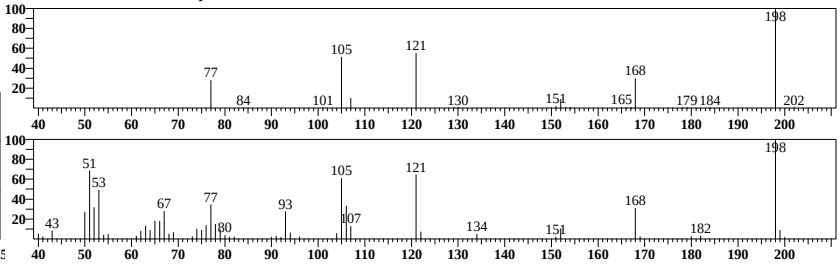
#	m/z	Area	Ratio	Reference
1	332.00	46312	94.37	100.00
2	62.00	43227	88.08	97.00



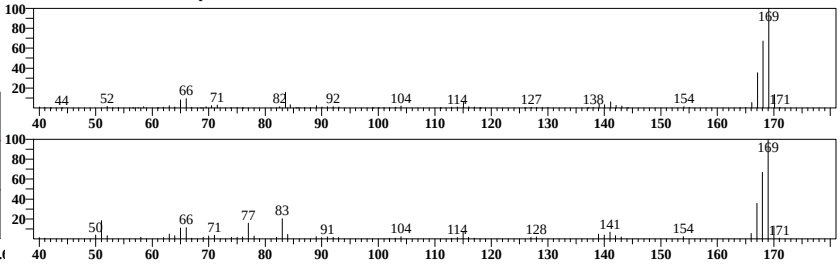
ID#:73 R.Time:17.415(Scan#:2821)
MassPeaks:58
RawMode:Averaged 17.405-17.425(2819-2823)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



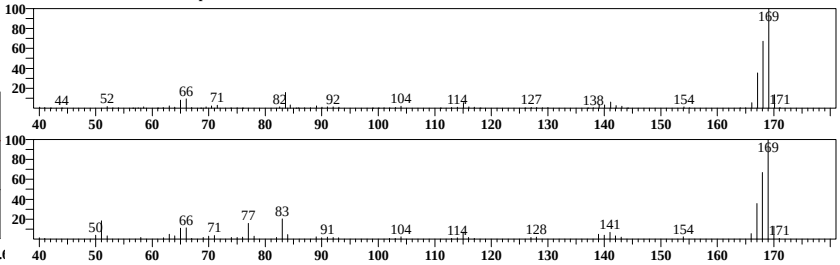
ID#:74 R.Time:15.970(Scan#:2528)
MassPeaks:22
RawMode:Averaged 15.960-15.979(2526-2530)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



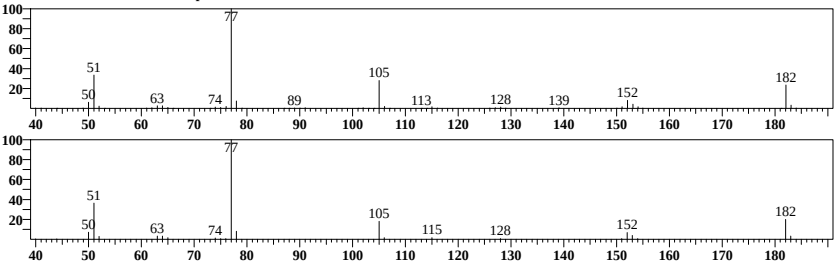
ID#:75 R.Time:16.097(Scan#:2553)
MassPeaks:72
RawMode:Averaged 16.087-16.107(2551-2555)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



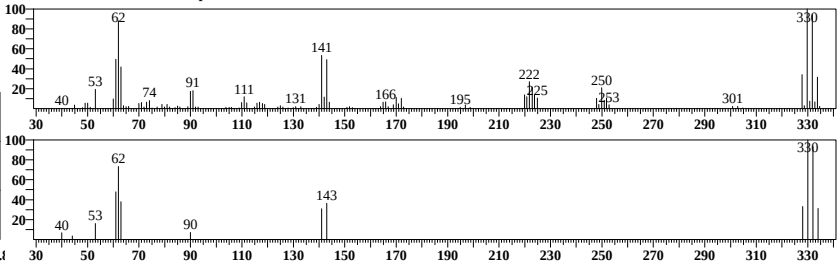
ID#:76 R.Time:16.097(Scan#:2553)
MassPeaks:72
RawMode:Averaged 16.087-16.107(2551-2555)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:77 R.Time:16.156(Scan#:2565)
MassPeaks:52
RawMode:Averaged 16.147-16.166(2563-2567)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



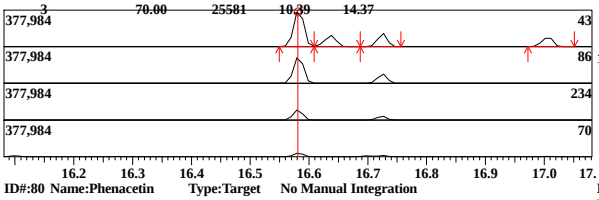
ID#:78 R.Time:16.265(Scan#:2587)
MassPeaks:99
RawMode:Averaged 16.255-16.274(2585-2589)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



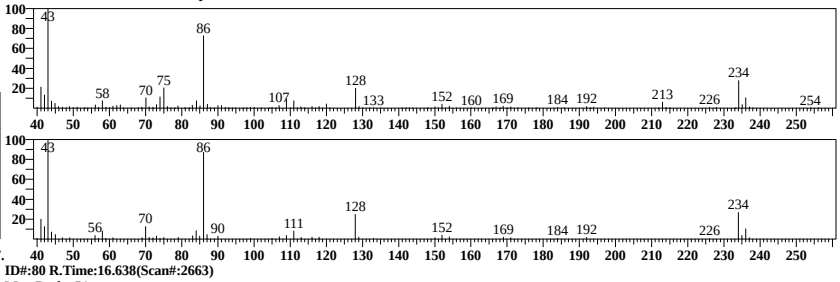
ID#:79 Name:(cis/trans)-Diallate Type:Target No Manual Integration

Mass:43.00 R.T:16.582 Area:471436 Conc:84.57305ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	86.00	178859	72.67	76.79
2	234.00	67901	27.59	26.39
3	70.00	25581	10.39	14.37



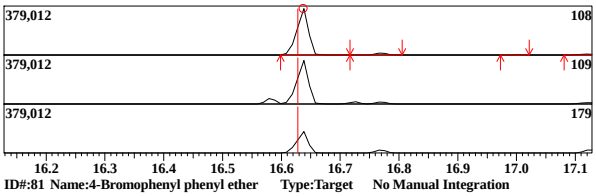
ID#:79 R.Time:16.579(Scan#:2651)
MassPeaks:120
RawMode:Averaged 16.569-16.589(2649-2653)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



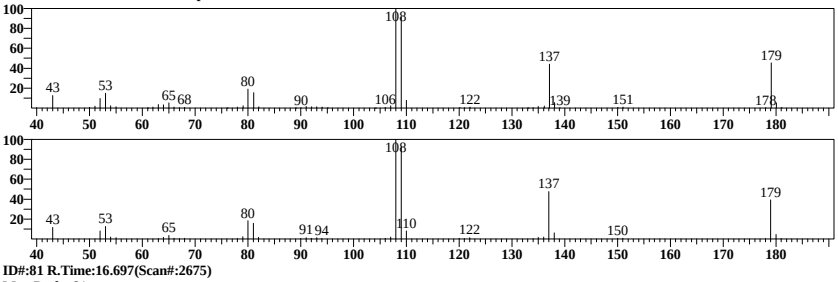
ID#:80 Name:Phenacetin Type:Target No Manual Integration

Mass:108.00 R.T:16.637 Area:500177 Conc:86.36492ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	109.00	222937	91.22	83.01
2	179.00	110748	45.32	44.31



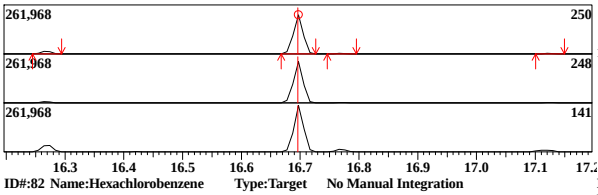
ID#:80 R.Time:16.638(Scan#:2663)
MassPeaks:51
RawMode:Averaged 16.628-16.648(2661-2665)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



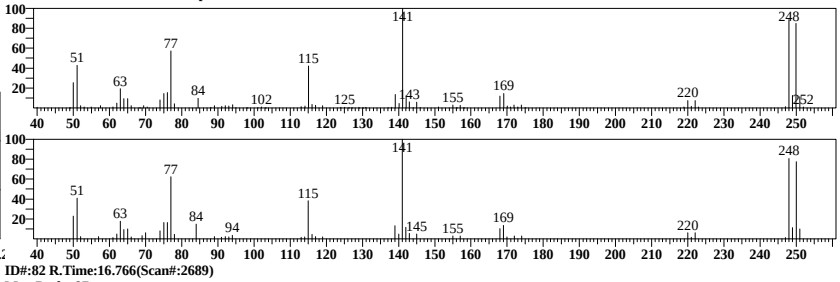
ID#:81 Name:4-Bromophenyl phenyl ether Type:Target No Manual Integration

Mass:250.00 R.T:16.697 Area:245584 Conc:83.85820ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	248.00	138141	104.49	105.86
2	141.00	155797	117.85	137.00



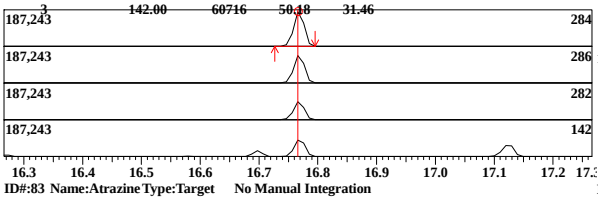
ID#:81 R.Time:16.697(Scan#:2675)
MassPeaks:81
RawMode:Averaged 16.687-16.707(2673-2677)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



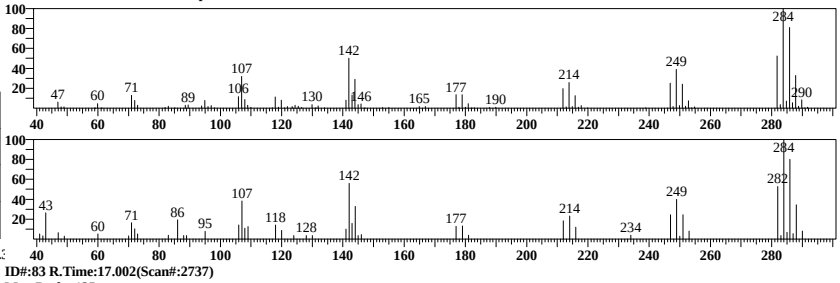
ID#:82 Name:Hexachlorobenzene Type:Target No Manual Integration

Mass:284.00 R.T:16.767 Area:228626 Conc:85.64660ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	286.00	98042	81.03	79.72
2	282.00	63611	52.57	51.93
3	142.00	60716	50.18	31.46



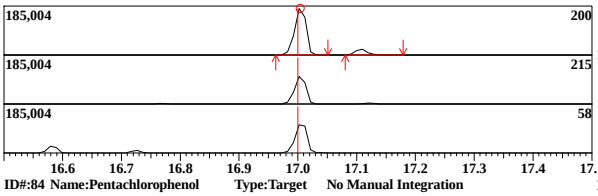
ID#:82 R.Time:16.766(Scan#:2689)
MassPeaks:87
RawMode:Averaged 16.756-16.776(2687-2691)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



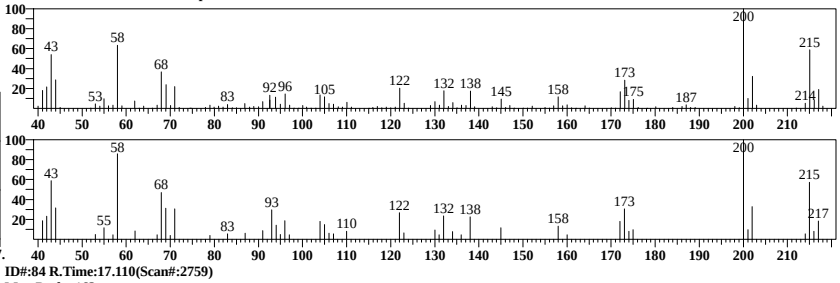
ID#:83 Name:Atrazine Type:Target No Manual Integration

Mass:200.00 R.T:17.004 Area:247574 Conc:83.89482ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	215.00	76595	58.78	59.43
2	58.00	82588	63.38	64.00



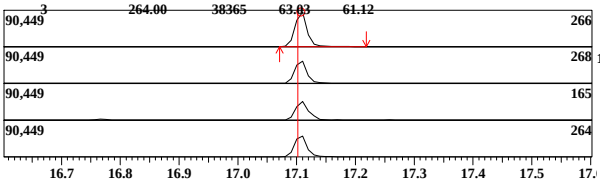
ID#:83 R.Time:17.002(Scan#:2737)
MassPeaks:125
RawMode:Averaged 16.992-17.012(2735-2739)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



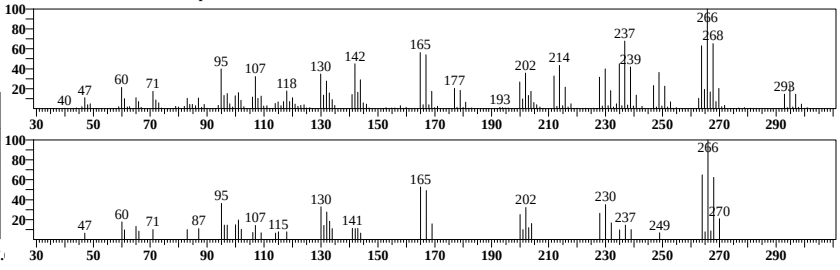
ID#:84 Name:Pentachlorophenol Type:Target No Manual Integration

Mass:266.00 R.T:17.108 Area:128081 Conc:79.82482ppm
Event:1:Scan SI:78

#	m/z	Area	Ratio	Reference
1	268.00	39639	65.12	59.97
2	165.00	34232	56.24	41.42
3	264.00	38365	63.03	61.12



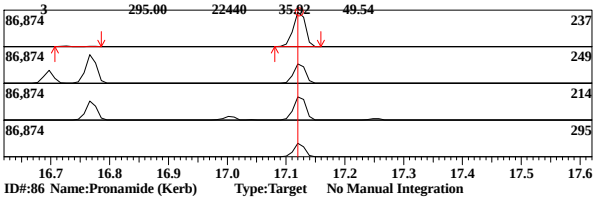
ID#:84 R.Time:17.110(Scan#:2759)
MassPeaks:163
RawMode:Averaged 17.100-17.120(2757-2761)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



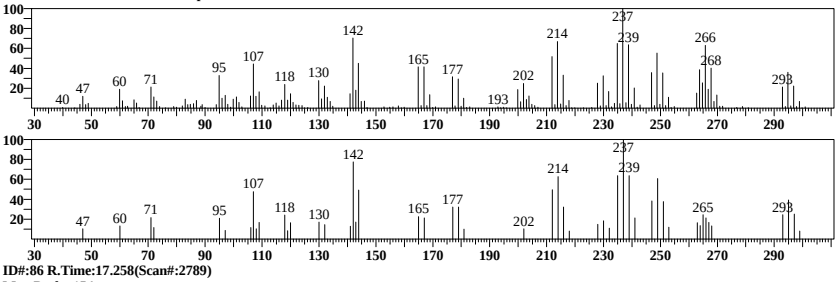
ID#:85 Name:Pentachloronitrobenzene Type:Target No Manual Integration

Mass:237.00 R.T:17.123 Area:121996 Conc:87.53353ppm
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	249.00	34591	55.38	68.26
2	214.00	41746	66.83	62.54
3	295.00	22440	35.92	49.54



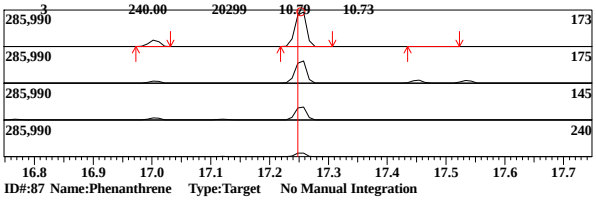
ID#:85 R.Time:17.120(Scan#:2761)
MassPeaks:163
RawMode:Averaged 17.110-17.130(2759-2763)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



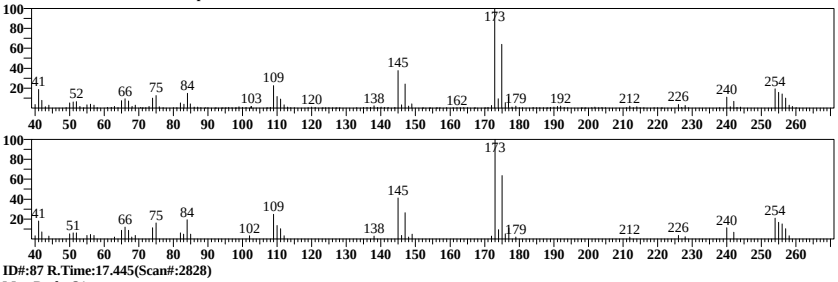
ID#:86 Name:Pronamide (Kerb) Type:Target No Manual Integration

Mass:173.00 R.T:17.253 Area:373798 Conc:86.60882ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	175.00	120123	63.85	60.85
2	145.00	70797	37.63	30.82
3	240.00	20299	10.79	10.73



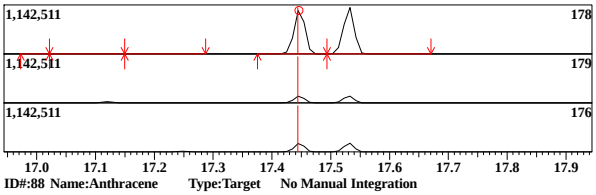
ID#:86 R.Time:17.258(Scan#:2789)
MassPeaks:154
RawMode:Averaged 17.248-17.267(2787-2791)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



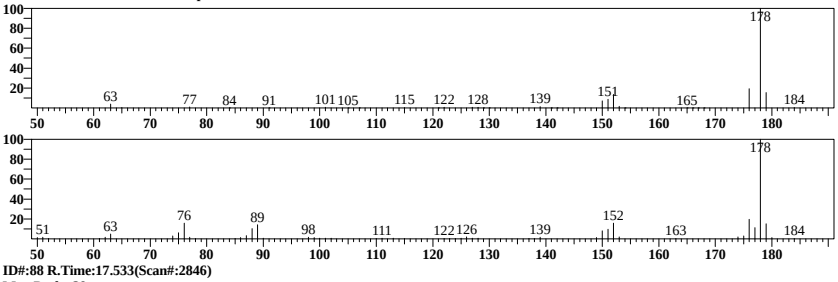
ID#:87 Name:Phenanthrene Type:Target No Manual Integration

Mass:178.00 R.T:17.446 Area:1362290 Conc:79.74927ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	179.00	109311	15.35	15.63
2	176.00	137119	19.26	18.75



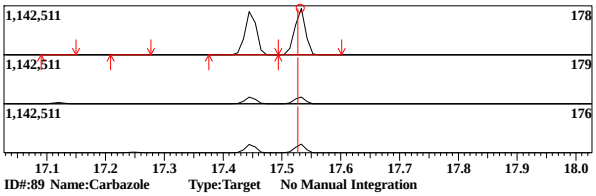
ID#:87 R.Time:17.445(Scan#:2828)
MassPeaks:31
RawMode:Averaged 17.435-17.454(2826-2830)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



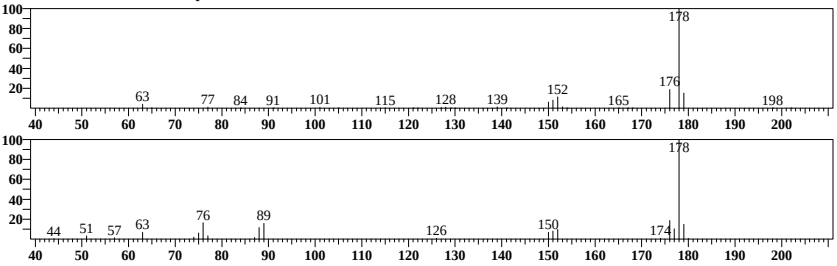
ID#:88 Name:Anthracene Type:Target No Manual Integration

Mass:178.00 R.T:17.532 Area:1394850 Conc:78.94265ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	179.00	109087	15.12	12.08
2	176.00	134325	18.61	20.60



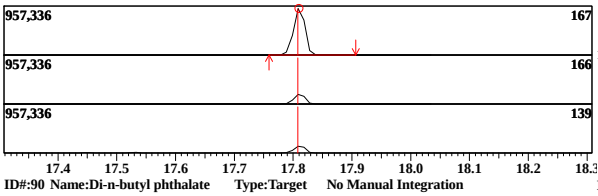
ID#:88 R.Time:17.533(Scan#:2846)
MassPeaks:29
RawMode:Averaged 17.523-17.543(2844-2848)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



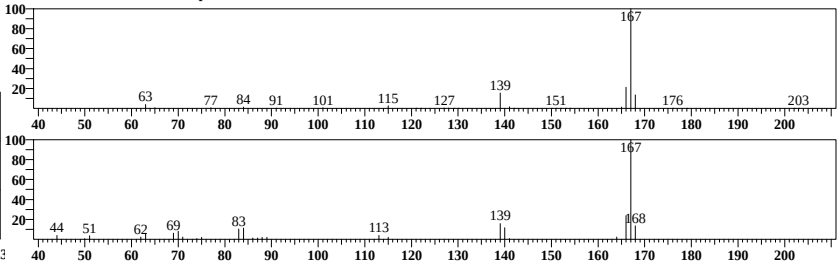
ID#:89 Name:Carbazole Type:Target No Manual Integration

Mass:167.00 R.T:17.810 Area:1267944 Conc:80.62768ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	166.00	140714	21.33	20.96
2	139.00	101210	15.34	12.92



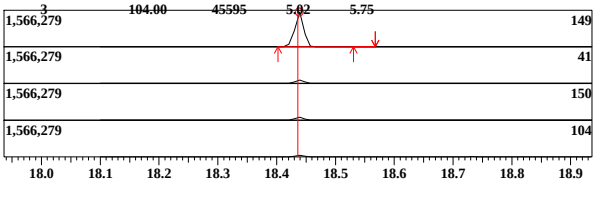
ID#:89 R.Time:17.808(Scan#:2902)
MassPeaks:29
RawMode:Averaged 17.799-17.818(2900-2904)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



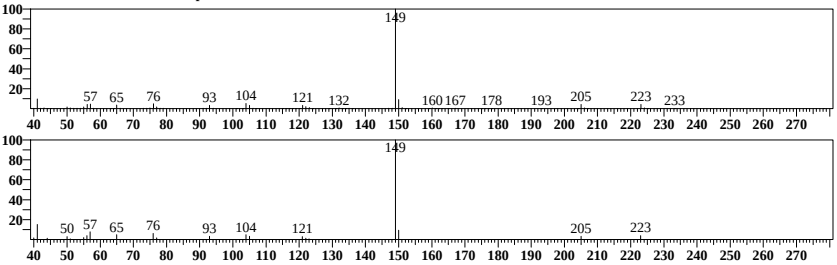
ID#:90 Name:Di-n-butyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:18.439 Area:1595604 Conc:86.03632ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	41.00	87350	9.62	10.41
2	150.00	81234	8.95	8.84
3	104.00	45595	5.02	5.75



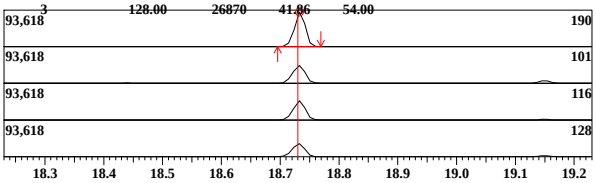
ID#:90 R.Time:18.439(Scan#:3023)
MassPeaks:80
RawMode:Averaged 18.430-18.448(3021-3025)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



ID#:91 Name:4-Nitroquinoline-N-Oxide Type:Target No Manual Integration

Mass:190.00 R.T:18.733 Area:118151 Conc:79.95901ppm
Event:1:Scan SI:96

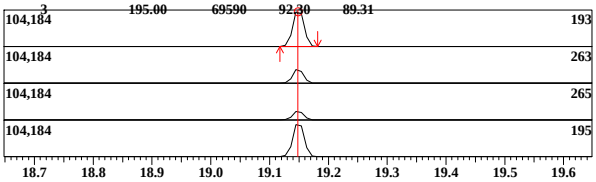
#	m/z	Area	Ratio	Reference
1	101.00	35472	55.26	71.00
2	116.00	37527	58.46	70.00
3	128.00	26870	41.86	54.00



ID#:92 Name:Isodrin Type:Target No Manual Integration

Mass:193.00 R.T:19.149 Area:142908 Conc:85.14475ppm
Event:1:Scan SI:95

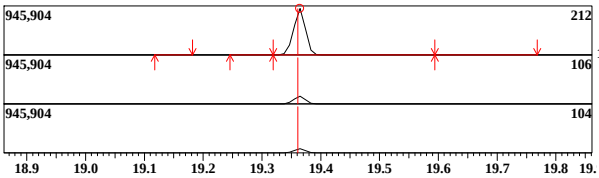
#	m/z	Area	Ratio	Reference
1	263.00	28187	37.39	42.74
2	265.00	17686	23.46	29.49
3	195.00	69590	92.30	89.31



ID#:93 Name:Fluoranthene-d10 Type:Target No Manual Integration

Mass:212.00 R.T:19.364 Area:1293857 Conc:81.79771ppm
Event:2:SIM SI:97

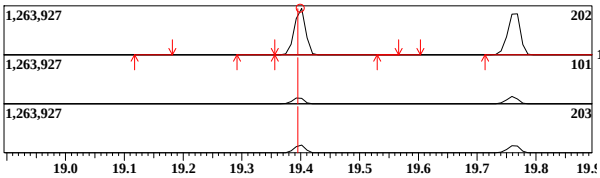
#	m/z	Area	Ratio	Reference
1	106.00	110916	16.63	22.08
2	104.00	59722	8.96	12.34



ID#:94 Name:Fluoranthene Type:Target No Manual Integration

Mass:202.00 R.T:19.399 Area:1621925 Conc:77.89046ppm
Event:2:SIM SI:97

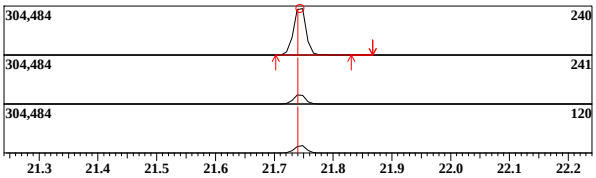
#	m/z	Area	Ratio	Reference
1	101.00	109325	12.72	14.12
2	203.00	144301	16.79	6.47



ID#:95 Name:Chrysene-d12 (IS) Type:ISTD No Manual Integration

Mass:240.00 R.T:21.744 Area:449302 Conc:40.00000ppm
Event:1:Scan SI:93

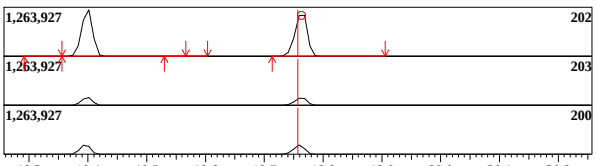
#	m/z	Area	Ratio	Reference
1	241.00	42034	19.14	19.13
2	120.00	34975	15.92	14.79



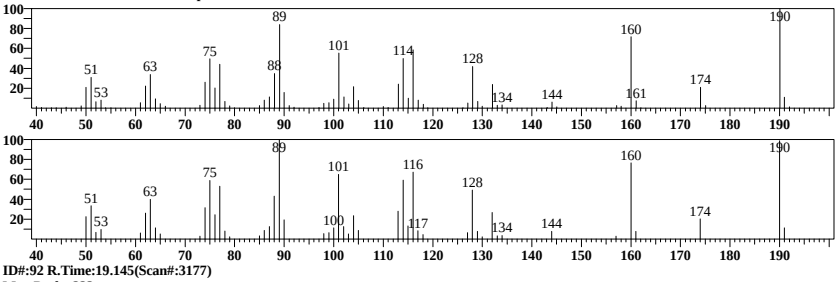
ID#:96 Name:Pyrene Type:Target No Manual Integration

Mass:202.00 R.T:19.764 Area:1647754 Conc:78.07926ppm
Event:2:SIM SI:93

#	m/z	Area	Ratio	Reference
1	203.00	148192	17.25	18.13
2	200.00	174759	20.34	4.68

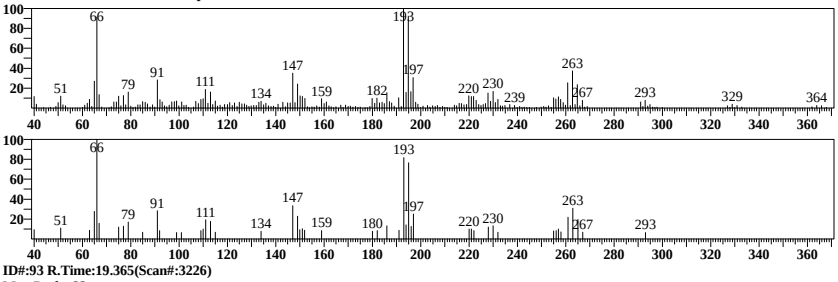


ID#:91 R.Time:18.733(Scan#:3087)
MassPeaks:74
RawMode:Averaged 18.723-18.742(3085-3089)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan

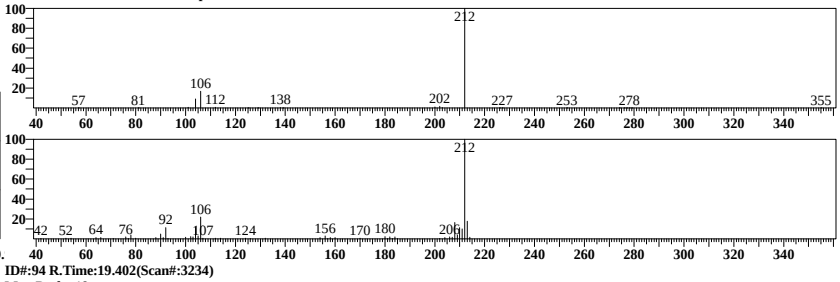


ID#:92 R.Time:19.145(Scan#:3177)
MassPeaks:223
RawMode:Averaged 19.136-19.154(3175-3179)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan

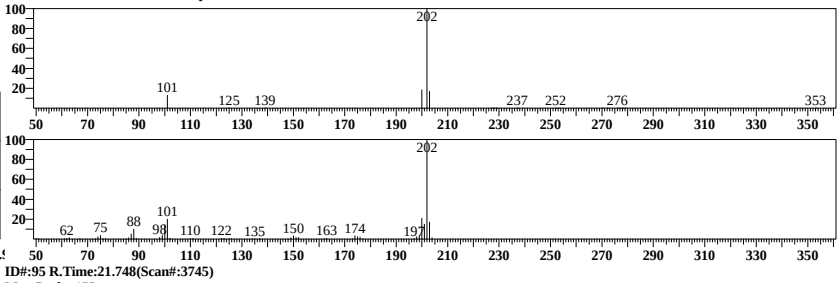
ID#:93 R.Time:19.365(Scan#:3226)
MassPeaks:23
RawMode:Averaged 19.356-19.374(3224-3228)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



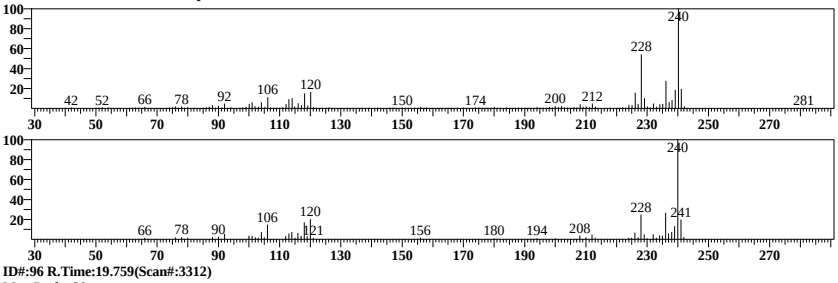
ID#:94 R.Time:19.402(Scan#:3234)
MassPeaks:19
RawMode:Averaged 19.392-19.411(3232-3236)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM

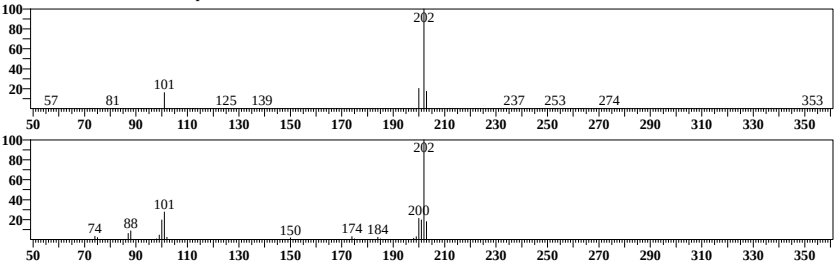


ID#:95 R.Time:21.748(Scan#:3745)
MassPeaks:155
RawMode:Averaged 21.739-21.758(3743-3747)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



ID#:96 R.Time:19.759(Scan#:3312)
MassPeaks:20
RawMode:Averaged 19.750-19.768(3310-3314)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM

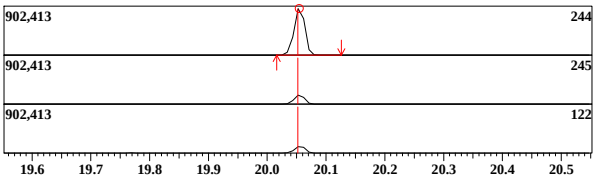




ID#:97 Name:p-Terphenyl-d14Type:Surrogate/SMC No Manual Integration

Mass:244.00 R.T:20.055 Area:1120376 Conc:83.78500ppm
Event:1:Scan SI:81

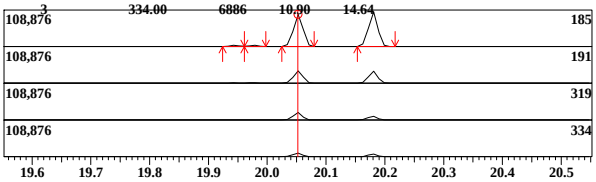
#	m/z	Area	Ratio	Reference
1	245.00	121588	19.57	19.16
2	122.00	92095	14.83	13.22



ID#:98 Name:Aramite A Type:Target No Manual Integration

Mass:185.00 R.T:20.053 Area:110350 Conc:39.44201ppm
Event:1:Scan SI:44

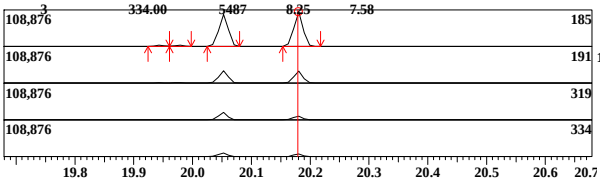
#	m/z	Area	Ratio	Reference
1	191.00	23329	36.94	44.95
2	319.00	13616	21.56	34.11
3	334.00	6886	10.90	14.64



ID#:99 Name:Aramite B Type:Target No Manual Integration

Mass:185.00 R.T:20.180 Area:116604 Conc:43.46254ppm
Event:1:Scan SI:96

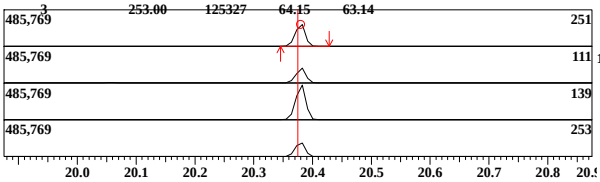
#	m/z	Area	Ratio	Reference
1	191.00	22321	33.58	42.53
2	319.00	7028	10.57	13.52
3	334.00	5487	8.25	7.58



ID#:100 Name:Chlorobenzilate Type:Target No Manual Integration

Mass:251.00 R.T:20.380 Area:360695 Conc:87.28807ppm
Event:1:Scan SI:98

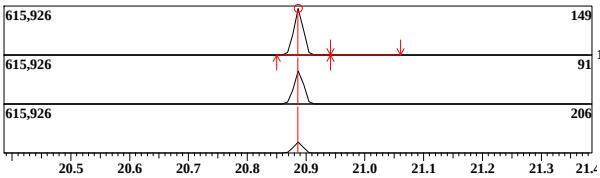
#	m/z	Area	Ratio	Reference
1	111.00	128748	65.90	55.84
2	139.00	307206	157.24	178.00
3	253.00	125327	64.15	63.14



ID#:101 Name:Butyl benzyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:20.887 Area:679285 Conc:84.90579ppm
Event:1:Scan SI:88

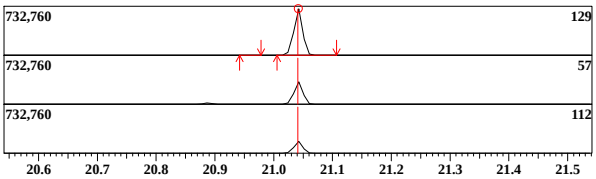
#	m/z	Area	Ratio	Reference
1	91.00	281205	73.13	92.95
2	206.00	92118	23.96	26.43



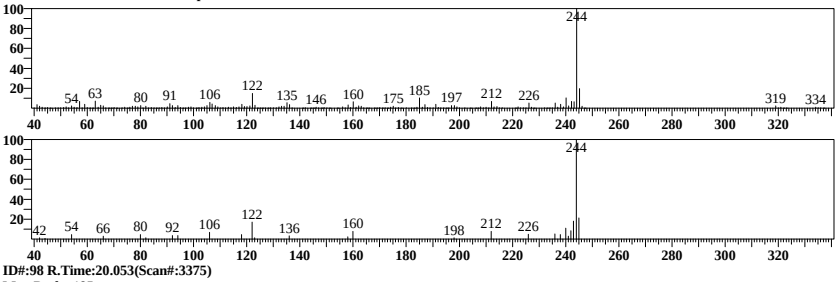
ID#:102 Name:Di(2-ethylhexyl) adipate Type:Target No Manual Integration

Mass:129.00 R.T:21.042 Area:739870 Conc:85.88435ppm
Event:1:Scan SI:98

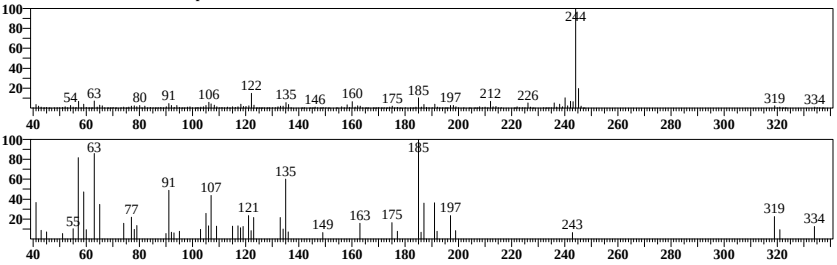
#	m/z	Area	Ratio	Reference
1	57.00	207809	49.05	40.00
2	112.00	110537	26.09	27.60



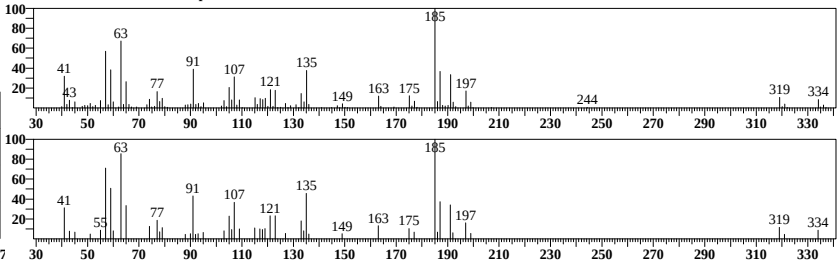
ID#:97 R.Time:20.053(Scan#:3375)
MassPeaks:195
RawMode:Averaged 20.043-20.062(3373-3377)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



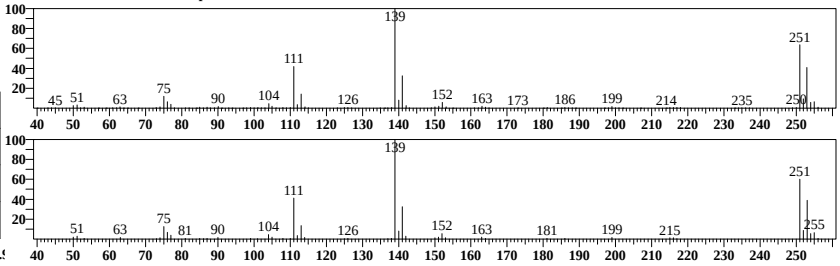
ID#:98 R.Time:20.053(Scan#:3375)
MassPeaks:195
RawMode:Averaged 20.043-20.062(3373-3377)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



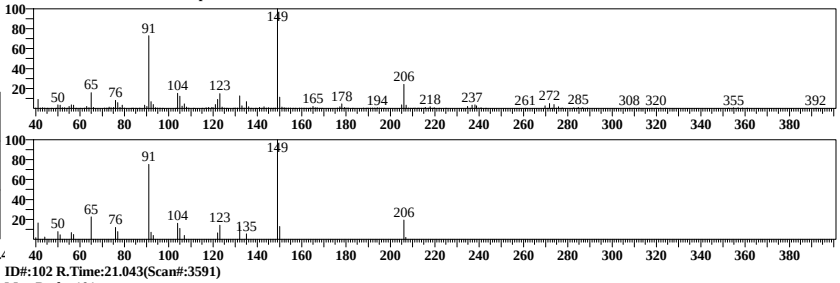
ID#:99 R.Time:20.181(Scan#:3403)
MassPeaks:107
RawMode:Averaged 20.172-20.190(3401-3405)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



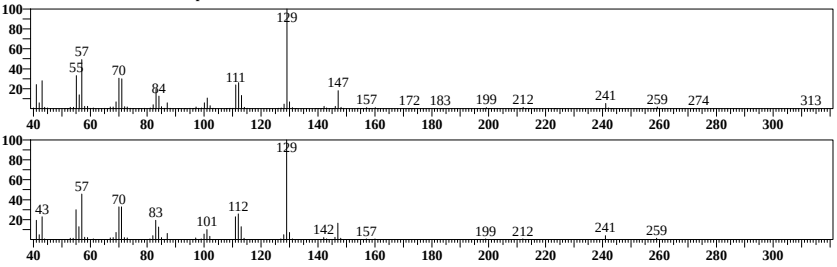
ID#:100 R.Time:20.383(Scan#:3447)
MassPeaks:109
RawMode:Averaged 20.373-20.392(3445-3449)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



ID#:101 R.Time:20.887(Scan#:3557)
MassPeaks:175
RawMode:Averaged 20.878-20.896(3555-3559)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



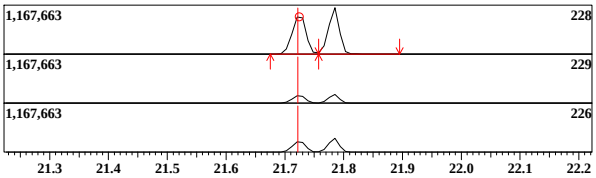
ID#:102 R.Time:21.043(Scan#:3591)
MassPeaks:101
RawMode:Averaged 21.033-21.052(3589-3593)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



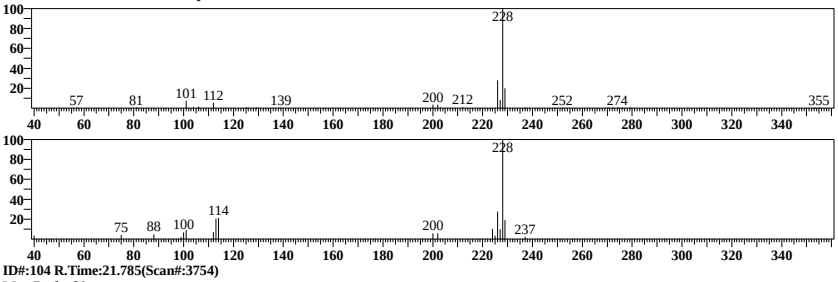
ID#:103 Name:Benzo[a]anthracene Type:Target No Manual Integration

Mass:228.00 R.T:21.725 Area:1522728 Conc:78.78418ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	229.00	141477	19.48	27.13
2	226.00	200985	27.67	24.70



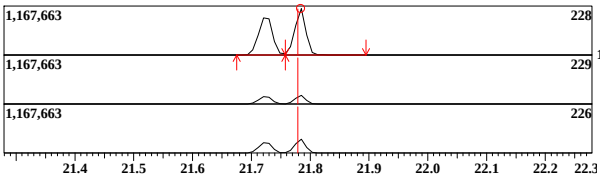
ID#:103 R.Time:21.721(Scan#:3740)
MassPeaks:27
RawMode:Averaged 21.712-21.730(3738-3742)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



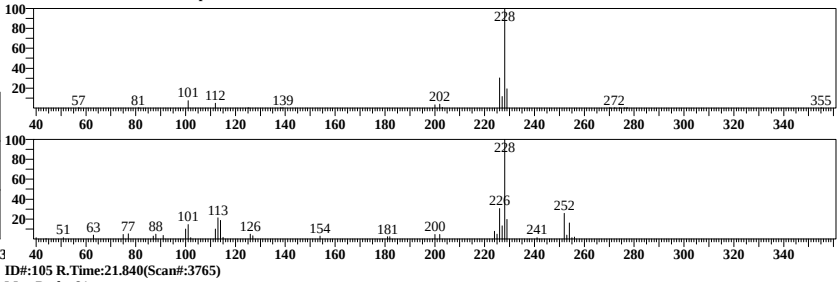
ID#:104 Name:Chrysene Type:Target No Manual Integration

Mass:228.00 R.T:21.784 Area:1432998 Conc:75.47571ppm
Event:2:SIM SI:81

#	m/z	Area	Ratio	Reference
1	229.00	142674	19.19	27.13
2	226.00	224560	30.20	24.70



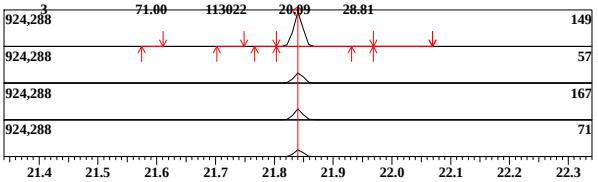
ID#:104 R.Time:21.785(Scan#:3754)
MassPeaks:20
RawMode:Averaged 21.776-21.794(3752-3756)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



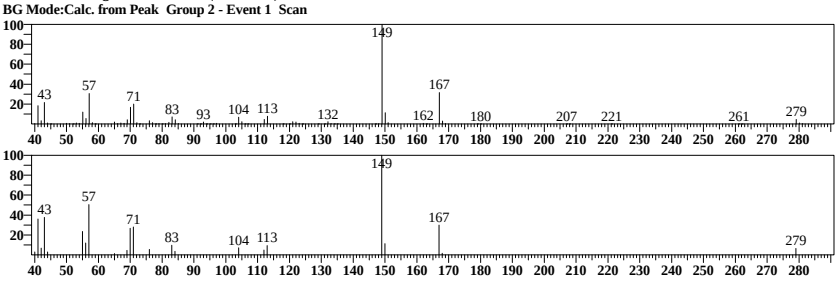
ID#:105 Name:Bis(2-Ethylhexyl) phthalate Type:Target No Manual Integration

Mass:149.00 R.T:21.840 Area:997811 Conc:85.00363ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	57.00	171663	30.52	45.69
2	167.00	176972	31.47	32.70
3	71.00	113022	20.09	28.81



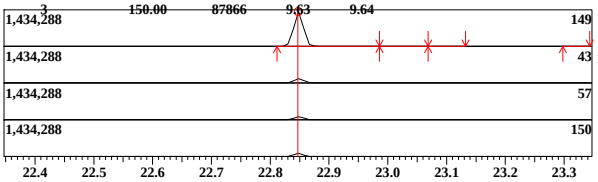
ID#:105 R.Time:21.840(Scan#:3765)
MassPeaks:81
RawMode:Averaged 21.831-21.849(3763-3767)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



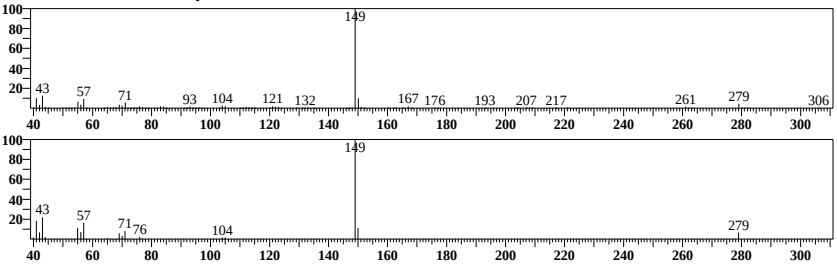
ID#:106 Name:Di-n-octyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:22.848 Area:1640531 Conc:83.70320ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	43.00	112771	12.35	13.63
2	57.00	82875	9.08	13.85
3	150.00	87866	9.63	9.64



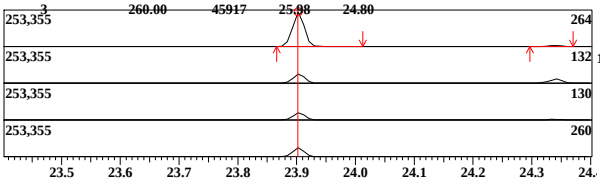
ID#:106 R.Time:22.848(Scan#:3985)
MassPeaks:93
RawMode:Averaged 22.839-22.858(3983-3987)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



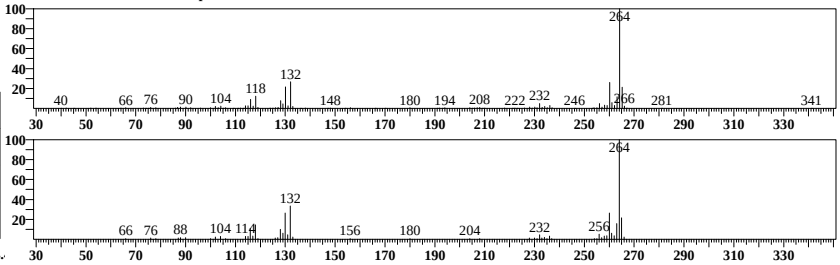
ID#:107 Name:Perylene-d12 (IS) Type:ISTD No Manual Integration

Mass:264.00 R.T:23.903 Area:340637 Conc:40.00000ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	132.00	47230	26.72	20.63
2	130.00	37866	21.42	16.36
3	260.00	45917	25.98	24.80



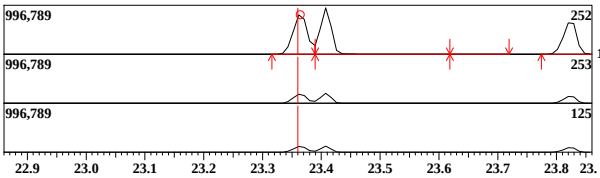
ID#:107 R.Time:23.903(Scan#:4215)
MassPeaks:97
RawMode:Averaged 23.893-23.912(4213-4217)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



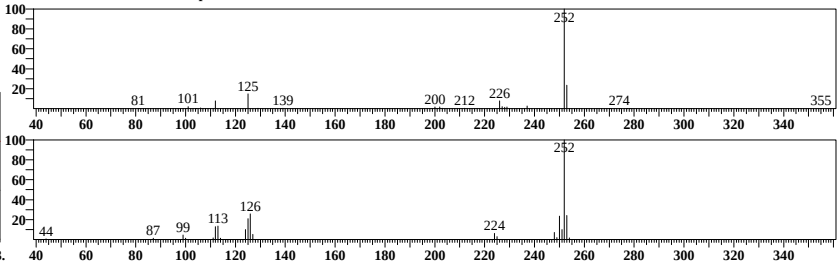
ID#:108 Name:Benzo[b]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.364 Area:1437718 Conc:85.24006ppm
Event:2:SIM SI:70

#	m/z	Area	Ratio	Reference
1	253.00	127907	23.32	24.52
2	125.00	81815	14.92	21.64



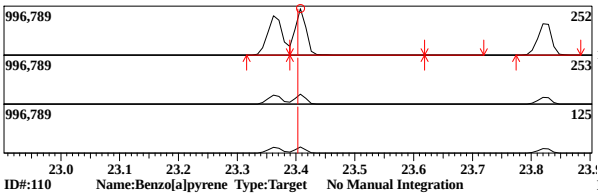
ID#:108 R.Time:23.362(Scan#:4098)
MassPeaks:25
RawMode:Averaged 23.352-23.371(4096-4100)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



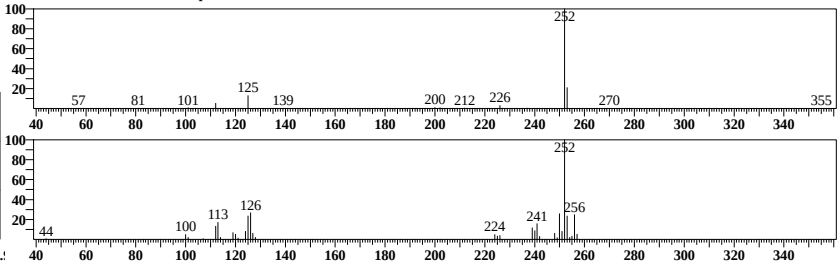
ID#:109 Name:Benzo[k]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.408 Area:1208026 Conc:75.15533ppm
Event:2:SIM SI:78

#	m/z	Area	Ratio	Reference
1	253.00	108254	21.03	24.52
2	125.00	66641	12.95	21.64



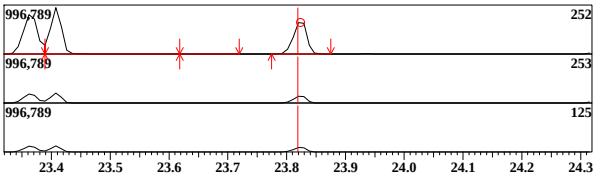
ID#:109 R.Time:23.408(Scan#:4108)
MassPeaks:26
RawMode:Averaged 23.398-23.417(4106-4110)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



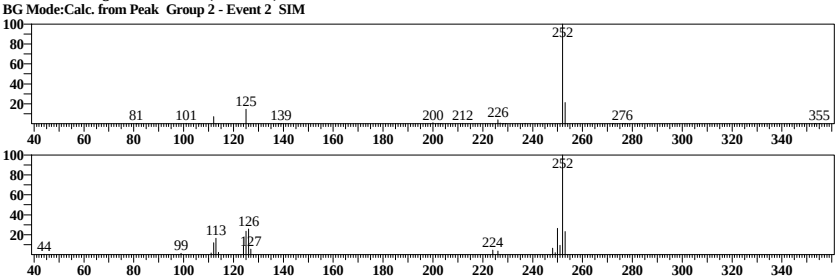
ID#:110 Name:Benzo[a]pyrene Type:Target No Manual Integration

Mass:252.00 R.T:23.824 Area:1050770 Conc:79.69507ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	253.00	113485	21.37	24.52
2	125.00	76588	14.42	21.64



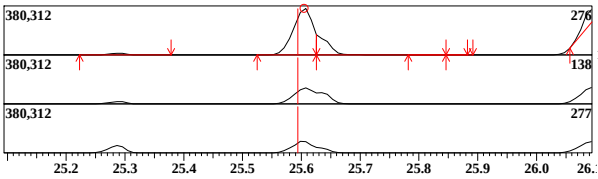
ID#:110 R.Time:23.820(Scan#:4198)
MassPeaks:23
RawMode:Averaged 23.811-23.829(4196-4200)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



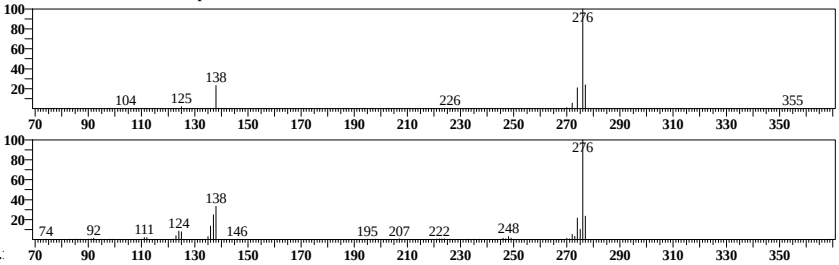
ID#:111 Name:Indeno(1,2,3-cd)pyrene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/1/2022

Mass:276.00 R.T:25.605 Area:857203 Conc:76.40998ppm
Event:2:SIM SI:93

#	m/z	Area	Ratio	Reference
1	138.00	44690	23.16	6.67
2	277.00	45863	23.77	14.17



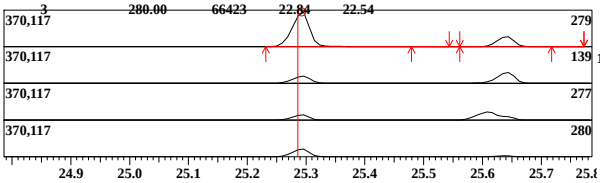
ID#:111 R.Time:25.608(Scan#:4588)
MassPeaks:11
RawMode:Averaged 25.598-25.617(4586-4590)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



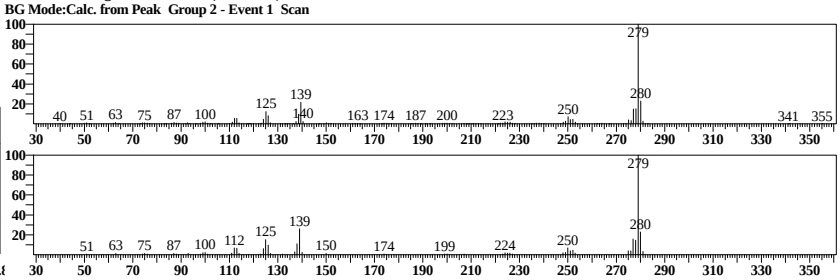
ID#:113 Name:Dibenz(a,j)Acridine Type:Target No Manual Integration

Mass:279.00 R.T:25.293 Area:738734 Conc:85.51123ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	139.00	63043	21.68	9.49
2	277.00	43453	14.94	15.01
3	280.00	66423	22.84	22.54



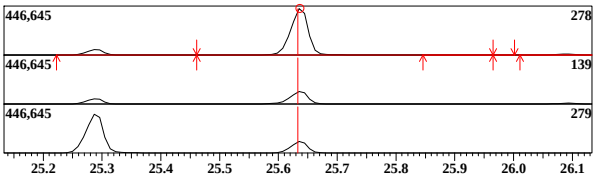
ID#:113 R.Time:25.296(Scan#:4519)
MassPeaks:130
RawMode:Averaged 25.287-25.305(4517-4521)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



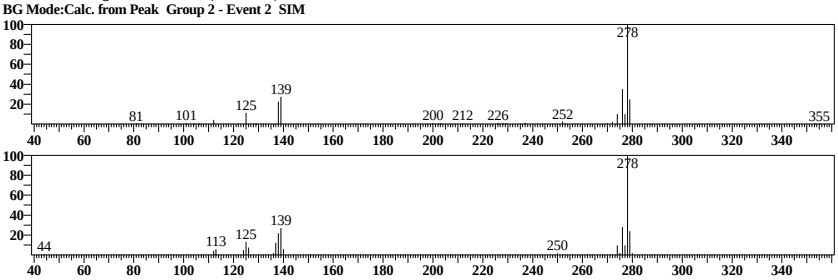
ID#:114 Name:Dibenzo[a,h]anthracene Type:Target No Manual Integration

Mass:278.00 R.T:25.637 Area:903859 Conc:78.26771ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	139.00	100775	27.12	7.75
2	279.00	90679	24.40	25.58



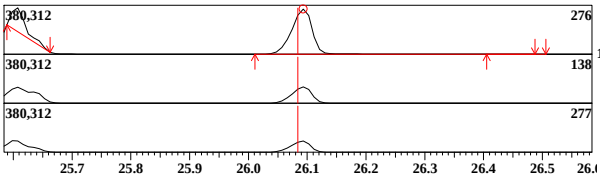
ID#:114 R.Time:25.635(Scan#:4594)
MassPeaks:29
RawMode:Averaged 25.626-25.644(4592-4596)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



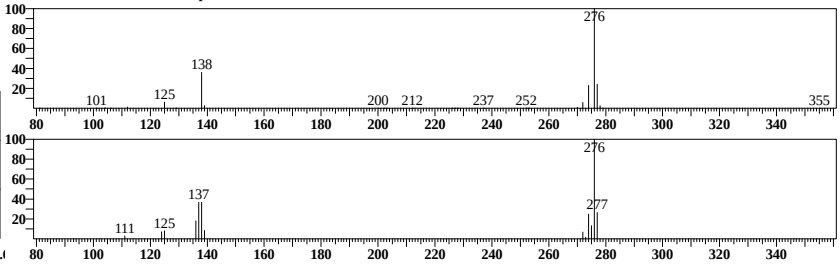
ID#:115 Name:Benzo[g,h,i]perylene Type:Target No Manual Integration

Mass:276.00 R.T:26.093 Area:863918 Conc:83.02601ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	138.00	115052	36.00	25.00
2	277.00	76601	23.97	21.09



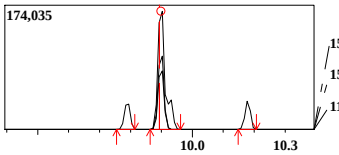
ID#:115 R.Time:26.093(Scan#:4694)
MassPeaks:27
RawMode:Averaged 26.084-26.102(4692-4696)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



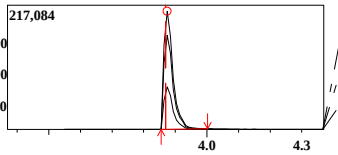
Before Manual Integrations

Analyst: CMN **Instr: J7H** **Trace Number: SVOC-BO45-F14-Y**
Method: 8270C/D/E/625.1 **Batch:**
Sample ID: A ICAL7 **Data File: C:\GCMSsolution\Data\221130H010.qgd**
Date: 11/30/2022 **Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm**
Time: 21:37:39 **Sample Name: A ICAL7**
Dilution: 1

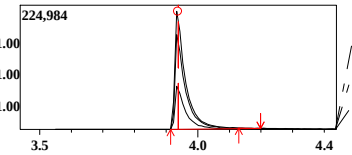
ID#:1 **Name:1,4-Dichlorobenzene-d4 (IS)**
Mass:150.00 **Type:ISTD**
R.T:9.899 **Area:288891** **Conc:40.00000ppm**



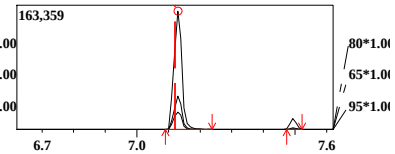
ID#:2 **Name:N-Nitrosodimethylamine**
Mass:74.00 **Type:Target**
R.T:3.875 **Area:417919** **Conc:90.65258ppm**



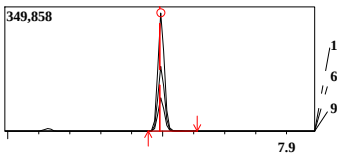
ID#:3 **Name:Pyridine**
Mass:79.00 **Type:Target**
R.T:3.937 **Area:507417** **Conc:73.72721ppm**



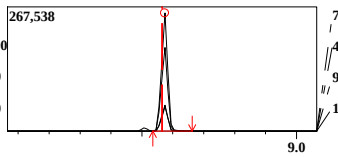
ID#:4 **Name:Methyl methanesulfonate**
Mass:80.00 **Type:Target**
R.T:7.130 **Area:273716** **Conc:75.34403ppm**



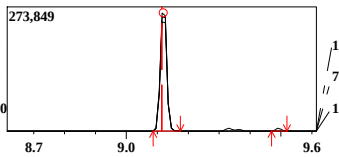
ID#:5 **Name:2-Fluorophenol**
Mass:112.00 **Type:Surrogate/SMC**
R.T:7.494 **Area:490021** **Conc:59.26510ppm**



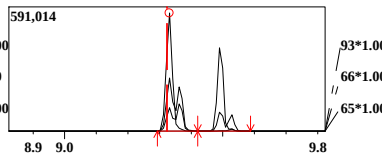
ID#:6 **Name:Ethyl methanesulfonate**
Mass:79.00 **Type:Target**
R.T:8.574 **Area:365681** **Conc:68.95706ppm**



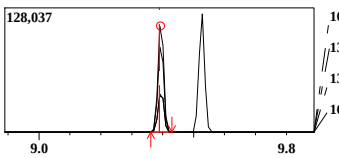
ID#:7 **Name:Benzaldehyde**
Mass:106.00 **Type:Target**
R.T:9.120 **Area:401995** **Conc:58.13057ppm**



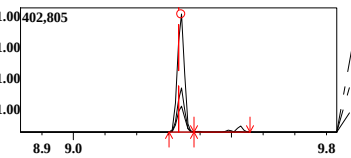
ID#:8 **Name:Aniline**
Mass:93.00 **Type:Target**
R.T:9.331 **Area:771861** **Conc:66.26693ppm**



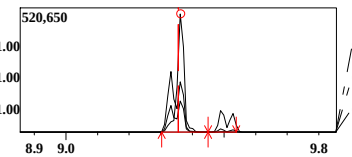
ID#:9 **Name:Pentachloroethane**
Mass:167.00 **Type:Target**
R.T:9.394 **Area:150842** **Conc:81.20023ppm**



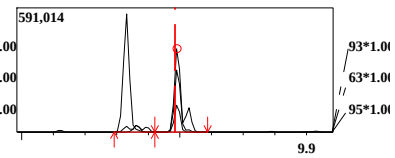
ID#:10 **Name:Phenol-d6**
Mass:99.00 **Type:Surrogate/SMC**
R.T:9.340 **Area:590699** **Conc:60.58948ppm**



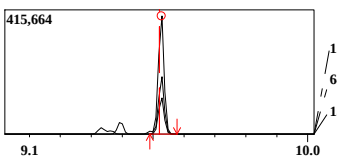
ID#:11 **Name:Phenol**
Mass:94.00 **Type:Target**
R.T:9.363 **Area:740790** **Conc:70.49745ppm**



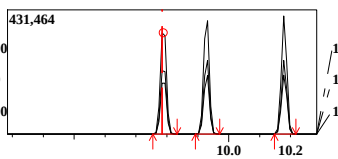
ID#:12 **Name:bis(2-Chloroethyl)Ether**
Mass:93.00 **Type:Target**
R.T:9.492 **Area:539766** **Conc:68.55394ppm**



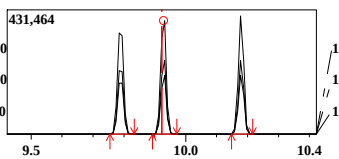
ID#:13 **Name:2-Chlorophenol**
Mass:128.00 **Type:Target**
R.T:9.527 **Area:518496** **Conc:65.95968ppm**



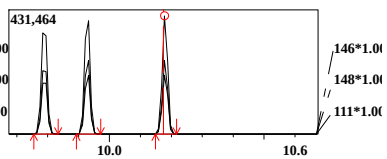
ID#:14 **Name:1,3-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.789 **Area:514432** **Conc:70.64990ppm**



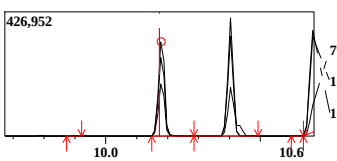
ID#:15 **Name:1,4-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.929 **Area:530748** **Conc:70.74773ppm**



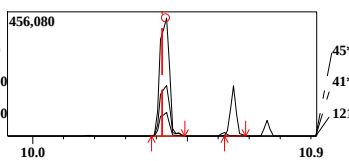
ID#:16 **Name:1,2-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:10.179 **Area:519059** **Conc:73.14438ppm**



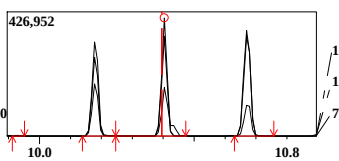
ID#:17 **Name:Benzyl Alcohol**
Mass:79.00 **Type:Target**
R.T:10.180 **Area:467872** **Conc:74.38594ppm**



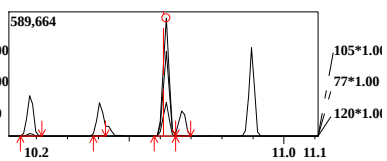
ID#:18 **Name:bis(2-Chloroisopropyl) Ether**
Mass:45.00 **Type:Target**
R.T:10.430 **Area:929142** **Conc:60.37626ppm**



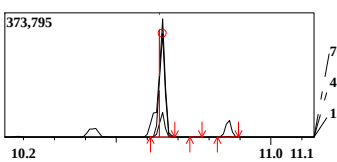
ID#:19 **Name:2-Methylphenol (o-Cresol)**
Mass:108.00 **Type:Target**
R.T:10.404 **Area:508587** **Conc:64.17877ppm**



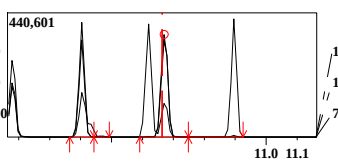
ID#:20 **Name:Acetophenone**
Mass:105.00 **Type:Target**
R.T:10.619 **Area:752085** **Conc:63.04610ppm**



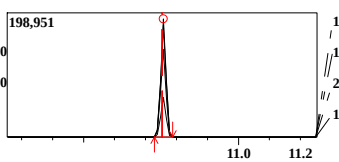
ID#:21 **Name:N-Nitrosodi-n-propylamine**
Mass:70.00 **Type:Target**
R.T:10.649 **Area:387795** **Conc:74.20893ppm**



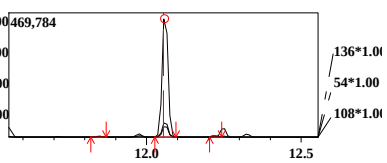
ID#:22 **Name:3+4-Methylphenol(m&p-Cresol)**
Mass:107.00 **Type:Target**
R.T:10.671 **Area:571404** **Conc:65.77573ppm**



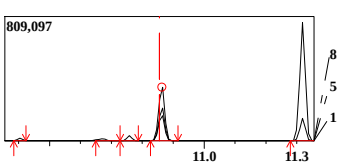
ID#:23 **Name:Hexachloroethane**
Mass:117.00 **Type:Target**
R.T:10.758 **Area:226015** **Conc:67.14202ppm**



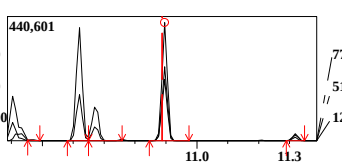
ID#:24 **Name:Naphthalene-d8 (IS)**
Mass:136.00 **Type:ISTD**
R.T:12.059 **Area:625187** **Conc:40.00000ppm**



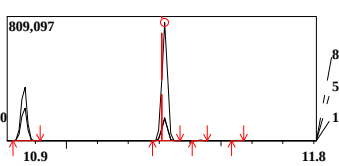
ID#:25 **Name:Nitrobenzene-d5**
Mass:82.00 **Type:Surrogate/SMC**
R.T:10.863 **Area:487303** **Conc:83.62583ppm**



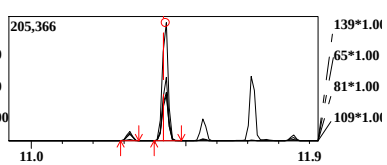
ID#:26 **Name:Nitrobenzene**
Mass:77.00 **Type:Target**
R.T:10.896 **Area:519310** **Conc:95.93899ppm**



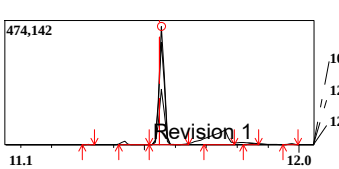
ID#:27 **Name:Isophorone**
Mass:82.00 **Type:Target**
R.T:11.318 **Area:996173** **Conc:89.39414ppm**



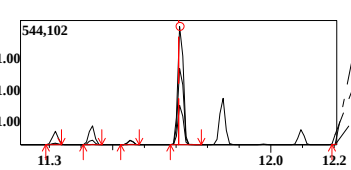
ID#:28 **Name:2-Nitrophenol**
Mass:139.00 **Type:Target**
R.T:11.434 **Area:258771** **Conc:101.36381ppm**



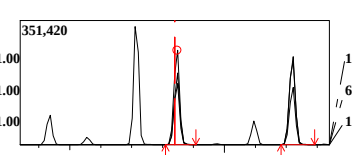
ID#:29 **Name:2,4-Dimethylphenol**
Mass:107.00 **Type:Target**
R.T:11.555 **Area:555215** **Conc:84.22425ppm**



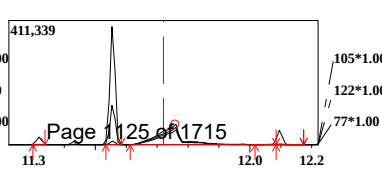
ID#:30 **Name:Bis(2-Chloroethoxy)methane**
Mass:93.00 **Type:Target**
R.T:11.714 **Area:634915** **Conc:86.45627ppm**



ID#:31 **Name:2,4-Dichlorophenol**
Mass:162.00 **Type:Target**
R.T:11.847 **Area:351039** **Conc:101.38925ppm**

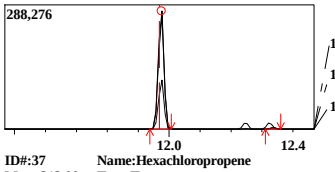


ID#:32 **Name:Benzoic Acid**
Mass:105.00 **Type:Target**
R.T:11.758 **Area:356734** **Conc:82.49313ppm**



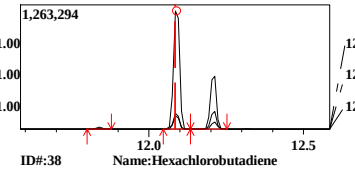
ID#:33 Name:1,2,4-Trichlorobenzene
Mass:180.00 Type:Target

R.T:11.975 Area:362174 Conc:111.13461ppm



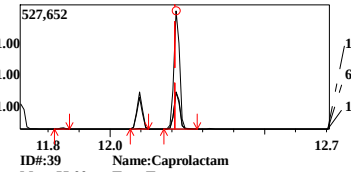
ID#:34 Name:Naphthalene
Mass:128.00 Type:Target

R.T:12.089 Area:1703809 Conc:89.43570ppm



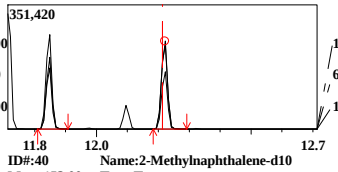
ID#:35 Name:4-Chloroaniline
Mass:127.00 Type:Target

R.T:12.215 Area:649627 Conc:82.50767ppm



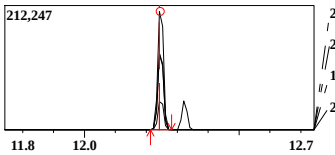
ID#:36 Name:2,6-Dichlorophenol
Mass:162.00 Type:Target

R.T:12.220 Area:341772 Conc:99.57783ppm



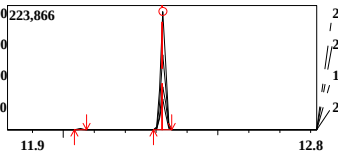
ID#:37 Name:Hexachloropropene
Mass:213.00 Type:Target

R.T:12.246 Area:271994 Conc:119.96468ppm



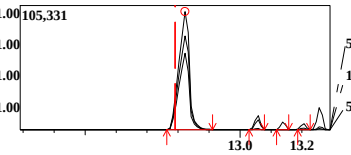
ID#:38 Name:Hexachlorobutadiene
Mass:225.00 Type:Target

R.T:12.322 Area:250454 Conc:118.05416ppm



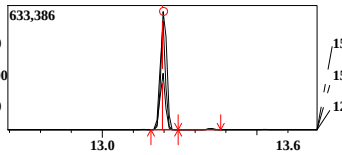
ID#:39 Name:Caprolactam
Mass:55.00 Type:Target

R.T:12.823 Area:239006 Conc:74.42494ppm



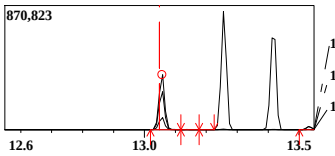
ID#:40 Name:2-Methylnaphthalene-d10
Mass:152.00 Type:Target

R.T:13.199 Area:807296 Conc:88.22662ppm



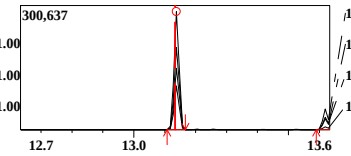
ID#:41 Name:4-Chloro-3-methylphenol
Mass:107.00 Type:Target

R.T:13.057 Area:503342 Conc:82.24391ppm



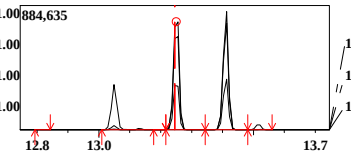
ID#:42 Name:Safrole
Mass:162.00 Type:Target

R.T:13.138 Area:332693 Conc:95.42376ppm



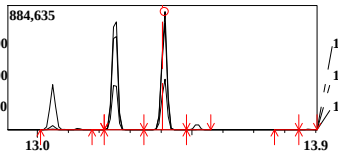
ID#:43 Name:2-Methylnaphthalene
Mass:142.00 Type:Target

R.T:13.251 Area:1072823 Conc:93.49948ppm



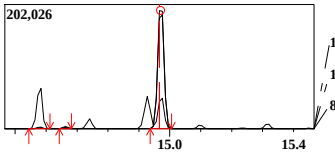
ID#:44 Name:1-Methylnaphthalene
Mass:142.00 Type:Target

R.T:13.411 Area:1015666 Conc:93.38272ppm



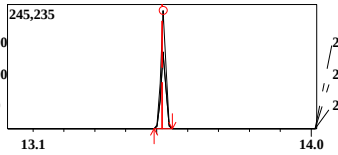
ID#:45 Name:Acenaphthene-d10 (IS)
Mass:164.00 Type:ISTD

R.T:14.971 Area:290979 Conc:40.00000ppm



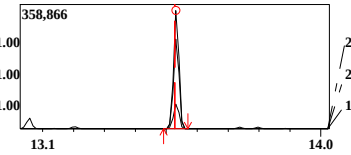
ID#:46 Name:Hexachlorocyclopentadiene
Mass:237.00 Type:Target

R.T:13.521 Area:267980 Conc:92.68786ppm



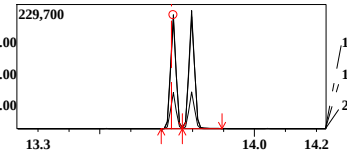
ID#:47 Name:1,2,4,5-Tetrachlorobenzene
Mass:216.00 Type:Target

R.T:13.532 Area:424604 Conc:93.60058ppm



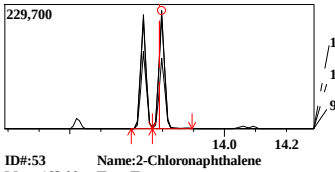
ID#:48 Name:2,4,6-Trichlorophenol
Mass:196.00 Type:Target

R.T:13.737 Area:262045 Conc:102.39336ppm



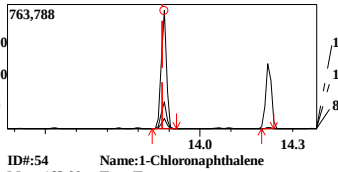
ID#:49 Name:2,4,5-Trichlorophenol
Mass:196.00 Type:Target

R.T:13.797 Area:280493 Conc:105.58562ppm



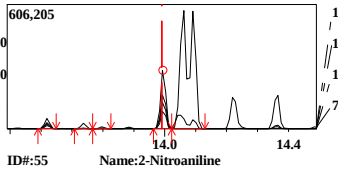
ID#:50 Name:2-Fluorobiphenyl
Mass:172.00 Type:Surrogate/SMC

R.T:13.883 Area:865687 Conc:79.76026ppm



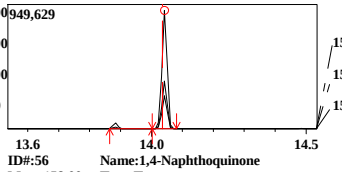
ID#:51 Name:Isosafrole
Mass:162.00 Type:Target

R.T:13.994 Area:342156 Conc:82.29872ppm



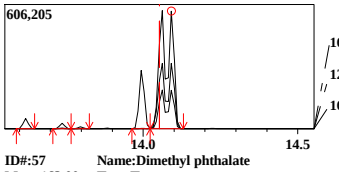
ID#:52 Name:1,1'-Biphenyl
Mass:154.00 Type:Target

R.T:14.042 Area:1078270 Conc:79.40459ppm



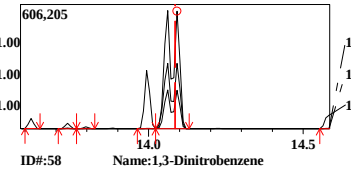
ID#:53 Name:2-Chloronaphthalene
Mass:162.00 Type:Target

R.T:14.092 Area:1503605 Conc:153.51120ppm



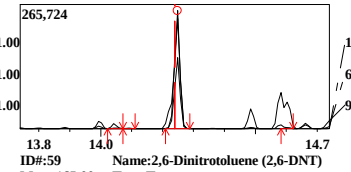
ID#:54 Name:1-Chloronaphthalene
Mass:162.00 Type:Target

R.T:14.092 Area:1503605 Conc:185.95456ppm



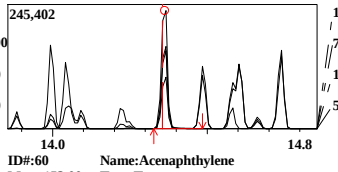
ID#:55 Name:2-Nitroaniline
Mass:138.00 Type:Target

R.T:14.248 Area:313698 Conc:81.21605ppm



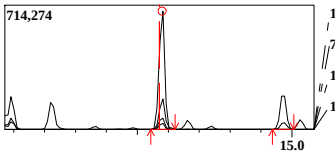
ID#:56 Name:1,4-Naphthoquinone
Mass:158.00 Type:Target

R.T:14.363 Area:335589 Conc:82.91870ppm



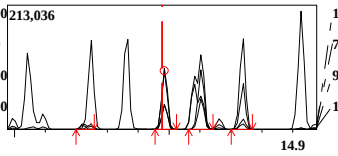
ID#:57 Name:Dimethyl phthalate
Mass:163.00 Type:Target

R.T:14.580 Area:868320 Conc:86.23654ppm



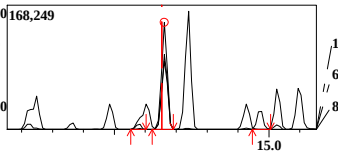
ID#:58 Name:1,3-Dinitrobenzene
Mass:168.00 Type:Target

R.T:14.485 Area:129525 Conc:105.53759ppm



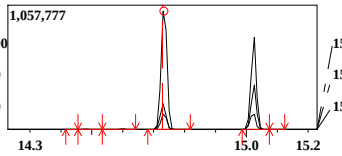
ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT)
Mass:165.00 Type:Target

R.T:14.662 Area:187895 Conc:93.05785ppm



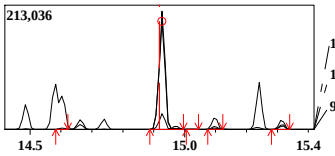
ID#:60 Name:Acenaphthylene
Mass:152.00 Type:Target

R.T:14.733 Area:1410583 Conc:82.63613ppm



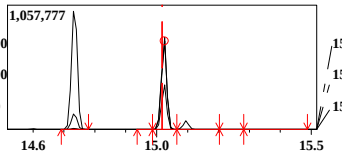
ID#:61 Name:3-Nitroaniline
Mass:138.00 Type:Target

R.T:14.927 Area:252232 Conc:75.15998ppm



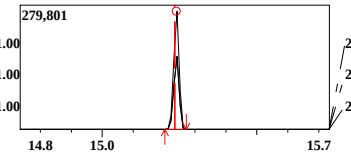
ID#:62 Name:Acenaphthene
Mass:154.00 Type:Target

R.T:15.024 Area:914621 Conc:86.37164ppm



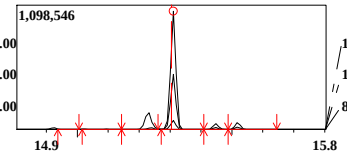
ID#:64 Name:Pentachlorobenzene
Mass:250.00 Type:Target

R.T:15.240 Area:331300 Conc:92.11605ppm



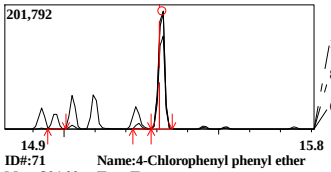
ID#:65 Name:Dibenzofuran
Mass:168.00 Type:Target

R.T:15.310 Area:1261151 Conc:92.34054ppm



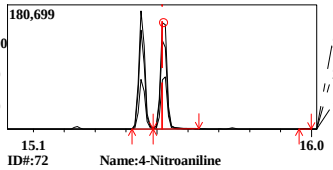
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT)
Mass:165.00 Type:Target

R.T:15.316 Area:277998 Conc:96.89210ppm



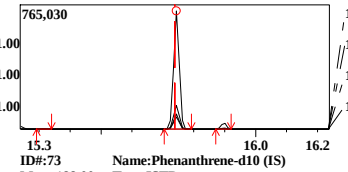
ID#:68 Name:2,3,4,6-Tetrachlorophenol
Mass:232.00 Type:Target

R.T:15.522 Area:234565 Conc:100.04336ppm



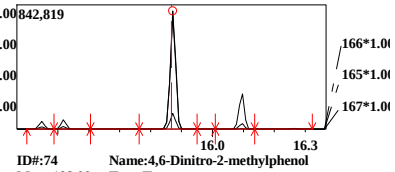
ID#:69 Name:Diethyl phthalate
Mass:149.00 Type:Target

R.T:15.744 Area:936496 Conc:81.28949ppm



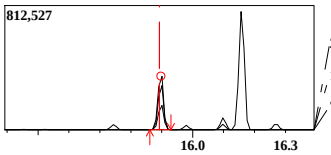
ID#:70 Name:Fluorene
Mass:166.00 Type:Target

R.T:15.872 Area:1005506 Conc:92.71200ppm



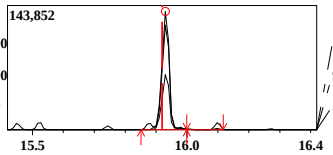
ID#:71 Name:4-Chlorophenyl phenyl ether
Mass:204.00 Type:Target

R.T:15.898 Area:464057 Conc:96.87256ppm



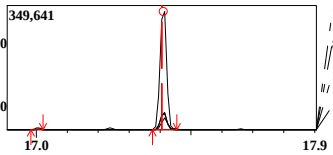
ID#:72 Name:4-Nitroaniline
Mass:138.00 Type:Target

R.T:15.931 Area:237991 Conc:73.33615ppm



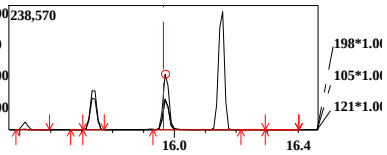
ID#:73 Name:Phenanthrene-d10 (IS)
Mass:188.00 Type:ISTD

R.T:17.411 Area:510035 Conc:40.00000ppm



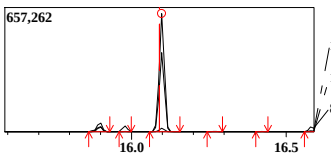
ID#:74 Name:4,6-Dinitro-2-methylphenol
Mass:198.00 Type:Target

R.T:15.972 Area:149176 Conc:111.90777ppm



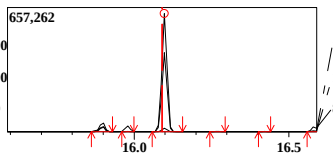
ID#:75 Name:N-Nitrosodiphenylamine
Mass:169.00 Type:Target

R.T:16.098 Area:751989 Conc:83.14367ppm



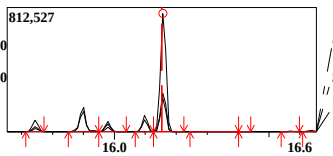
ID#:76 Name:Diphenylamine
Mass:169.00 Type:Target

R.T:16.098 Area:751989 Conc:83.14367ppm



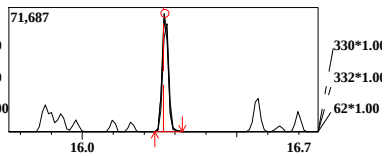
ID#:77 Name:1,2-Diphenylhydrazine
Mass:77.00 Type:Target

R.T:16.158 Area:1000383 Conc:73.53967ppm



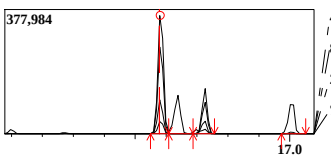
ID#:78 Name:2,4,6-Tribromophenol
Mass:330.00 Type:Surrogate/SMC

R.T:16.267 Area:96471 Conc:72.80838ppm



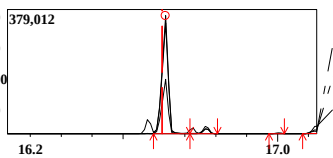
ID#:79 Name:(cis/trans)-Diallate
Mass:43.00 Type:Target

R.T:16.582 Area:471436 Conc:56.76332ppm



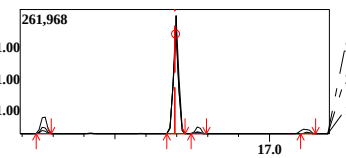
ID#:80 Name:Phenacetin
Mass:108.00 Type:Target

R.T:16.637 Area:500177 Conc:64.30603ppm



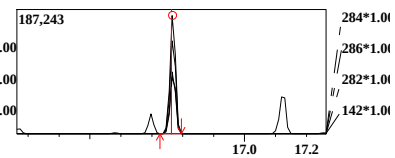
ID#:81 Name:4-Bromophenyl phenyl ether
Mass:250.00 Type:Target

R.T:16.697 Area:245584 Conc:84.93787ppm



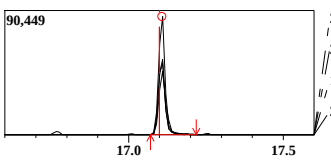
ID#:82 Name:Hexachlorobenzene
Mass:284.00 Type:Target

R.T:16.767 Area:228626 Conc:74.85721ppm



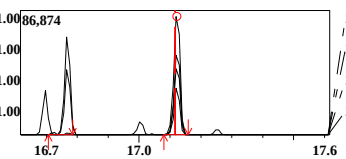
ID#:84 Name:Pentachlorophenol
Mass:266.00 Type:Target

R.T:17.108 Area:128081 Conc:80.27425ppm



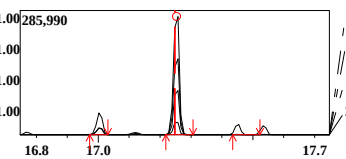
ID#:85 Name:Pentachloronitrobenzene
Mass:237.00 Type:Target

R.T:17.123 Area:121996 Conc:93.64566ppm



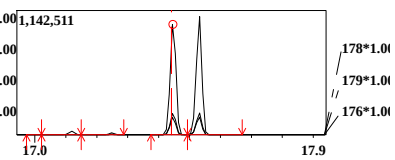
ID#:86 Name:Pronamide (Kerb)
Mass:173.00 Type:Target

R.T:17.253 Area:373798 Conc:86.96710ppm



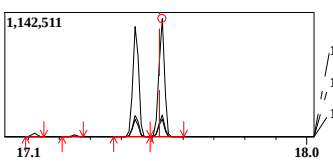
ID#:87 Name:Phenanthrene
Mass:178.00 Type:Target

R.T:17.446 Area:1362290 Conc:87.51175ppm



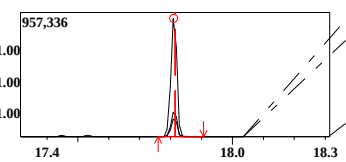
ID#:88 Name:Anthracene
Mass:178.00 Type:Target

R.T:17.532 Area:1394850 Conc:89.65105ppm



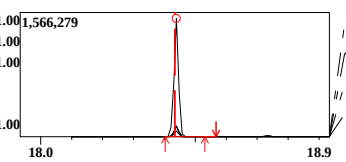
ID#:89 Name:Carbazole
Mass:167.00 Type:Target

R.T:17.810 Area:1267944 Conc:85.08709ppm



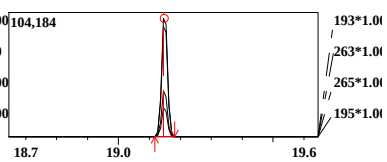
ID#:90 Name:Di-n-butyl phthalate
Mass:149.00 Type:Target

R.T:18.439 Area:1595604 Conc:82.18874ppm



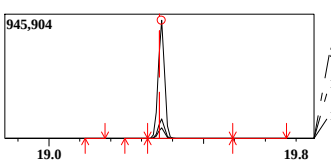
ID#:92 Name:Isodrin
Mass:193.00 Type:Target

R.T:19.149 Area:142908 Conc:92.79475ppm



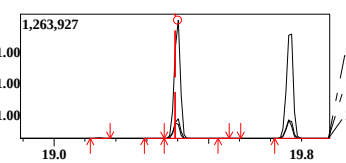
ID#:93 Name:Fluoranthene-d10
Mass:212.00 Type:Target

R.T:19.364 Area:1293857 Conc:85.59794ppm



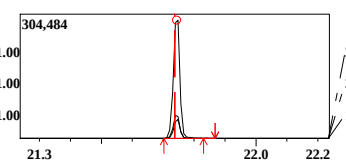
ID#:94 Name:Fluoranthene
Mass:202.00 Type:Target

R.T:19.399 Area:1621925 Conc:94.87472ppm



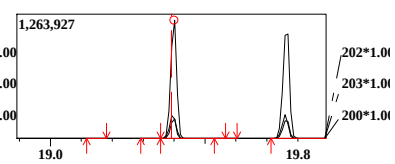
ID#:95 Name:Chrysene-d12 (IS)
Mass:240.00 Type:ISTD

R.T:21.744 Area:449302 Conc:40.00000ppm



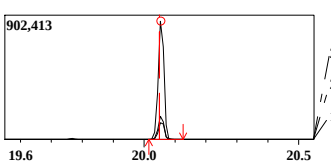
ID#:96 Name:Pyrene
Mass:202.00 Type:Target

R.T:19.399 Area:1621925 Conc:91.03898ppm



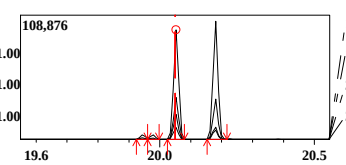
ID#:97 Name:p-Terphenyl-d14
Mass:244.00 Type:Surrogate/SMC

R.T:20.055 Area:1120376 Conc:80.08980ppm



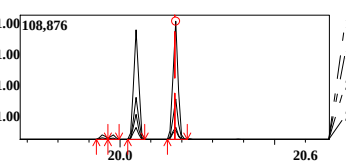
ID#:98 Name:Aramite A
Mass:185.00 Type:Target

R.T:20.053 Area:110350 Conc:49.80986ppm



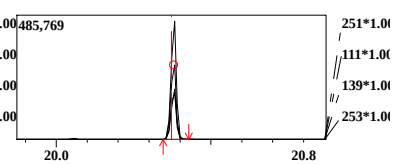
ID#:99 Name:Aramite B
Mass:185.00 Type:Target

R.T:20.180 Area:116604 Conc:47.45262ppm



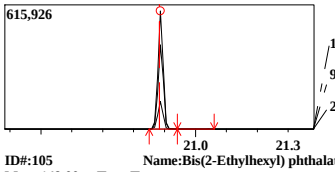
ID#:100 Name:Chlorobenzilate
Mass:251.00 Type:Target

R.T:20.380 Area:360695 Conc:90.76664ppm



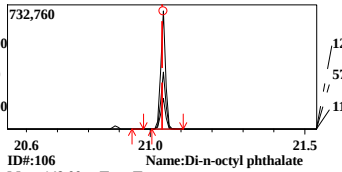
ID#:101 Name:Butyl benzyl phthalate
Mass:149.00 Type:Target

R.T:20.887 Area:679285 Conc:84.80024ppm



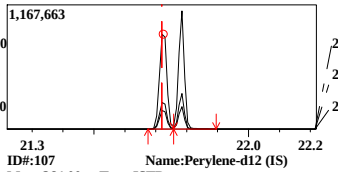
ID#:102 Name:Di(2-ethylhexyl) adipate
Mass:129.00 Type:Target

R.T:21.042 Area:739870 Conc:74.43974ppm



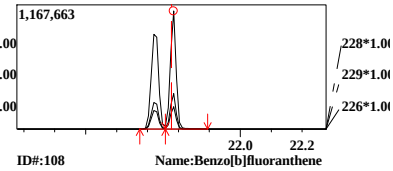
ID#:103 Name:Benzo[a]anthracene
Mass:228.00 Type:Target

R.T:21.725 Area:1522728 Conc:84.19696ppm



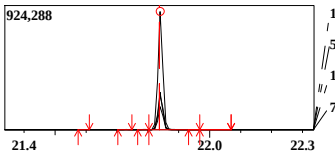
ID#:104 Name:Chrysene
Mass:228.00 Type:Target

R.T:21.784 Area:1432998 Conc:86.94172ppm



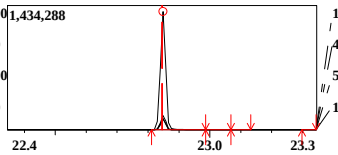
ID#:105 Name:Bis(2-Ethylhexyl) phthalate
Mass:149.00 Type:Target

R.T:21.840 Area:997811 Conc:84.35035ppm



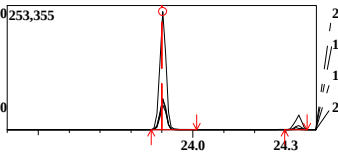
ID#:106 Name:Di-n-octyl phthalate
Mass:149.00 Type:Target

R.T:22.848 Area:1640531 Conc:82.86439ppm



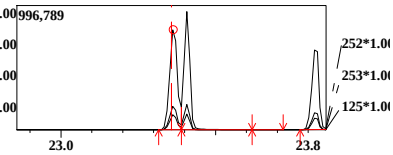
ID#:107 Name:Perylene-d12 (IS)
Mass:264.00 Type:ISTD

R.T:23.903 Area:340637 Conc:40.00000ppm



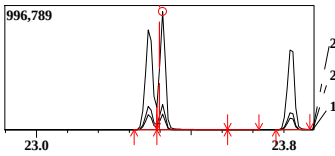
ID#:108 Name:Benzo[b]fluoranthene
Mass:252.00 Type:Target

R.T:23.364 Area:1437718 Conc:97.39423ppm



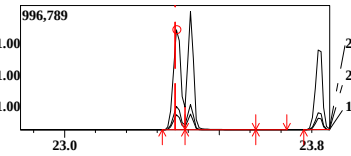
ID#:109 Name:Benzo[k]fluoranthene
Mass:252.00 Type:Target

R.T:23.408 Area:1208026 Conc:90.66469ppm



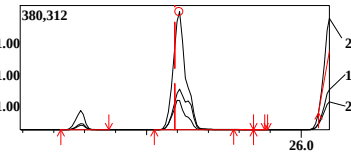
ID#:110 Name:Benzo[a]pyrene
Mass:252.00 Type:Target

R.T:23.364 Area:1437718 Conc:126.06061ppm



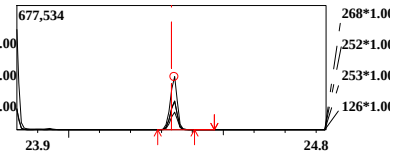
ID#:111 Name:Indeno(1,2,3-cd)pyrene
Mass:276.00 Type:Target

R.T:25.605 Area:1036093 Conc:110.82322ppm



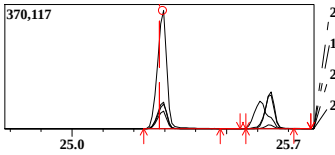
ID#:112 Name:3-Methylcholanthrene
Mass:268.00 Type:Target

R.T:24.341 Area:469607 Conc:75.75598ppm



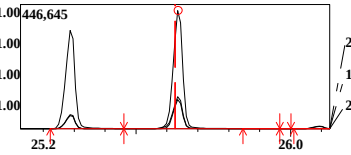
ID#:113 Name:Dibenz(a,j)Acridine
Mass:279.00 Type:Target

R.T:25.293 Area:738734 Conc:83.46291ppm



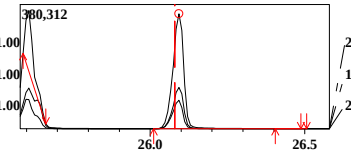
ID#:114 Name:Dibenzo[a,h]anthracene
Mass:278.00 Type:Target

R.T:25.637 Area:903859 Conc:90.51277ppm



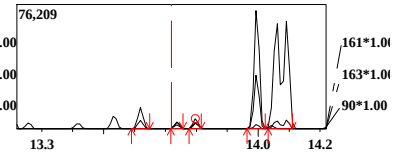
ID#:115 Name:Benzo[g,h,i]perylene
Mass:276.00 Type:Target

R.T:26.093 Area:863918 Conc:87.58923ppm



ID#:128 Name:2,3-Dichloroaniline
Mass:161.00 Type:Target

R.T:13.797 Area:7371 Conc:1.46310ppm



Analyst: CMN Instrument: J7H Trace Number: SVOC-BO45-F14-Y
Method: 8270C/D/E/625.1 Batch:
Sample ID: A ICAL8 Data File: C:\GCMSsolution\Data\221130H011.qgd
Date: 11/30/2022 Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm
Time: 22:18:20 Sample Name: A ICAL8
Dilution: 1

Internal Standard

ID#	Name	Mass	Time	Area	Conc.
1	1,4-Dichlorobenzene-d4 (IS)	150.00	9.90	248068	40.00
24	Naphthalene-d8 (IS)	136.00	12.06	604534	40.00
45	Acenaphthene-d10 (IS)	164.00	14.97	277985	40.00
73	Phenanthrene-d10 (IS)	188.00	17.41	509599	40.00
95	Chrysene-d12 (IS)	240.00	21.75	453364	40.00
107	Perylene-d12 (IS)	264.00	23.90	335978	40.00

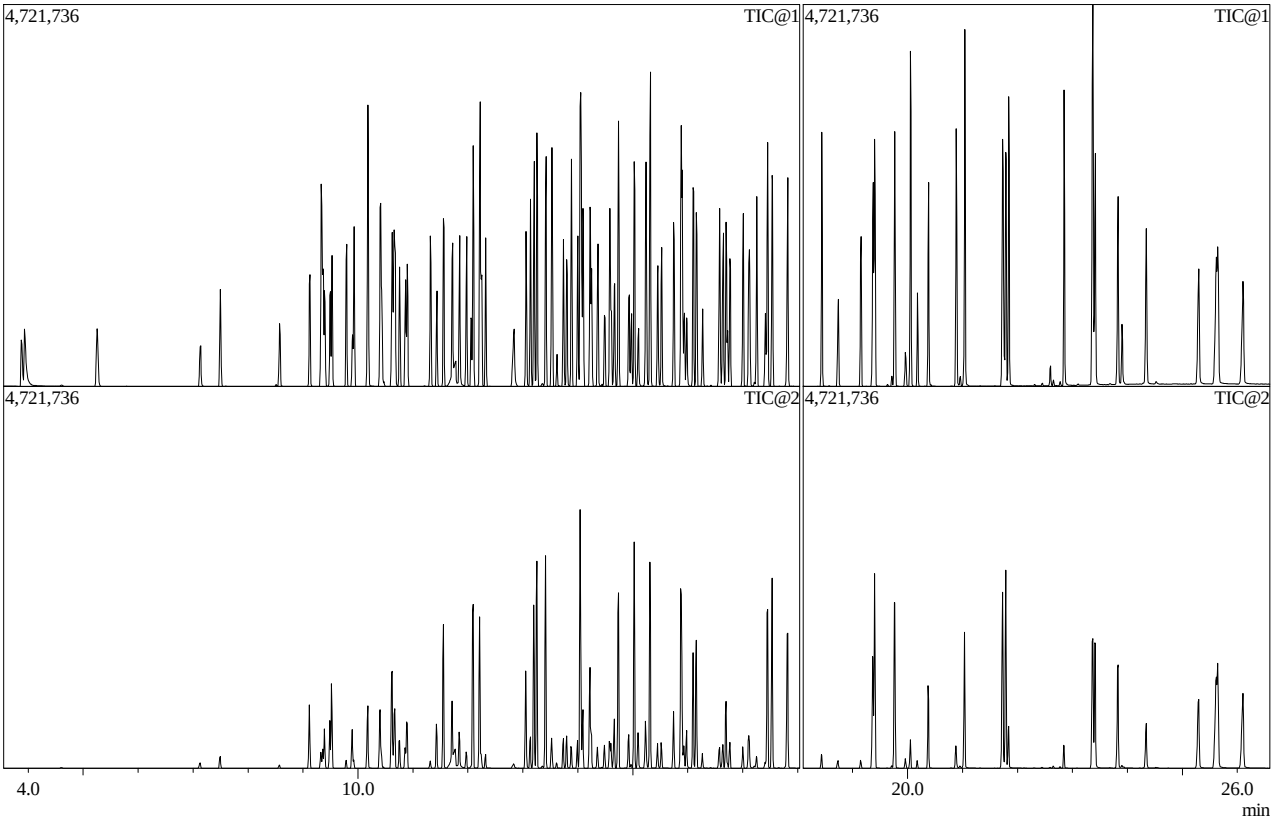
Surrogate

ID#	Name	Mass	Time	Area	Conc.
5	2-Fluorophenol	112.00	7.50	594004	100.91
10	Phenol-d6	99.00	9.34	728605	103.26
25	Nitrobenzene-d5	82.00	10.86	592544	105.32
50	2-Fluorobiphenyl	172.00	13.88	1067667	105.92
78	2,4,6-Tribromophenol	330.00	16.27	119032	99.53
97	p-Terphenyl-d14	244.00	20.06	1448096	107.32

Target

ID#	Name	Mass	Time	Area	Conc.
2	N-Nitrosodimethylamine	74.00	3.88	518068	107.70
3	Pyridine	79.00	3.94	674125	100.53
4	Methyl methanesulfonate	80.00	7.13	331289	100.15
6	Ethyl methanesulfonate	79.00	8.58	442748	99.09
7	Benzaldehyde	106.00	9.12	459904	92.85
8	Aniline	93.00	9.33	947643	101.47
9	Pentachloroethane	167.00	9.39	182460	99.96
11	Phenol	94.00	9.37	899688	102.72
12	bis(2-Chloroethyl)Ether	93.00	9.49	647716	99.04
13	2-Chlorophenol	128.00	9.53	625101	100.77
14	1,3-Dichlorobenzene	146.00	9.79	625674	98.54
15	1,4-Dichlorobenzene	146.00	9.93	649130	99.96
16	1,2-Dichlorobenzene	146.00	10.18	627555	100.32
17	Benzyl Alcohol	79.00	10.18	565448	103.74
18	bis(2-Chloroisopropyl) Ether	45.00	10.43	1136358	100.35
19	2-Methylphenol (o-Cresol)	108.00	10.40	626067	101.27
20	Acetophenone	105.00	10.62	909009	99.98
21	N-Nitrosodi-n-propylamine	70.00	10.65	481522	103.03
22	3+4-Methylphenol(m&p-Cresol)	107.00	10.67	686764	103.53
23	Hexachloroethane	117.00	10.76	273298	99.81
26	Nitrobenzene	77.00	10.90	629106	106.35
27	Isophorone	82.00	11.32	1229331	105.52
28	2-Nitrophenol	139.00	11.43	321311	110.81
29	2,4-Dimethylphenol	107.00	11.56	693054	109.50
30	Bis(2-Chloroethoxy)methane	93.00	11.72	777255	105.14
31	2,4-Dichlorophenol	162.00	11.85	424608	107.25
32	Benzoic Acid	105.00	11.78	451369	100.03
33	1,2,4-Trichlorobenzene	180.00	11.98	435276	103.86
34	Naphthalene	128.00	12.09	2084263	100.74
35	4-Chloroaniline	127.00	12.22	807297	111.06
36	2,6-Dichlorophenol	162.00	12.22	426673	109.58
37	Hexachloropropene	213.00	12.25	335434	109.34
38	Hexachlorobutadiene	225.00	12.32	305042	106.00
39	Caprolactam	55.00	12.84	295985	108.39
40	2-Methylnaphthalene-d10	152.00	13.20	995516	103.58
41	4-Chloro-3-methylphenol	107.00	13.06	618416	107.06
42	Safrole	162.00	13.14	411837	106.55
43	2-Methylnaphthalene	142.00	13.25	1319050	100.05
44	1-Methylnaphthalene	142.00	13.41	1229750	98.34
46	Hexachlorocyclopentadiene	237.00	13.52	341331	100.75
47	1,2,4,5-Tetrachlorobenzene	216.00	13.53	525008	106.07
48	2,4,6-Trichlorophenol	196.00	13.74	323743	110.61
49	2,4,5-Trichlorophenol	196.00	13.80	347575	108.97
51	Isosafrole	162.00	14.00	423670	107.06
52	1,1'-Biphenyl	154.00	14.04	1345716	107.29
53	2-Chloronaphthalene	162.00	14.06	1122008	115.31
54	1-Chloronaphthalene	162.00	14.09	747812	98.19
55	2-Nitroaniline	138.00	14.25	392741	112.13
56	1,4-Naphthoquinone	158.00	14.36	415844	107.43
57	Dimethyl phthalate	163.00	14.58	1076229	106.21
58	1,3-Dinitrobenzene	168.00	14.49	163015	100.84

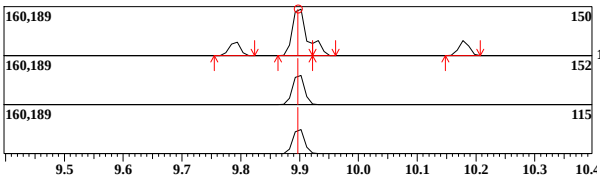
ID#	Name	Mass	Time	Area	Conc.
59	2,6-Dinitrotoluene (2,6-DNT)	165.00	14.67	235815	108.54
60	Acenaphthylene	152.00	14.74	1738820	102.28
61	3-Nitroaniline	138.00	14.93	315148	108.11
62	Acenaphthene	154.00	15.03	1129576	100.13
63	2,4-Dinitrophenol	184.00	15.09	150126	101.49
64	Pentachlorobenzene	250.00	15.24	415005	108.47
65	Dibenzofuran	168.00	15.31	1576968	100.80
66	2,4-Dinitrotoluene (2,4-DNT)	165.00	15.32	357452	114.04
67	4-Nitrophenol	65.00	15.24	257951	101.12
68	2,3,4,6-Tetrachlorophenol	232.00	15.52	304781	113.00
69	Diethyl phthalate	149.00	15.75	1174903	106.45
70	Fluorene	166.00	15.87	1249176	101.83
71	4-Chlorophenyl phenyl ether	204.00	15.90	585140	107.15
72	4-Nitroaniline	138.00	15.94	268344	98.90
74	4,6-Dinitro-2-methylphenol	198.00	15.98	190597	100.80
75	N-Nitrosodiphenylamine	169.00	16.10	948540	107.59
76	Diphenylamine	169.00	16.10	948540	107.59
77	1,2-Diphenylhydrazine	77.00	16.16	1229248	104.13
79	(cis/trans)-Diallate	43.00	16.58	601577	108.01
80	Phenacetin	108.00	16.64	633715	109.52
81	4-Bromophenyl phenyl ether	250.00	16.70	309440	105.75
82	Hexachlorobenzene	284.00	16.77	290894	109.07
83	Atrazine	200.00	17.01	310112	105.18
84	Pentachlorophenol	266.00	17.11	166728	100.00
85	Pentachloronitrobenzene	237.00	17.13	153665	110.35
86	Pronamide (Kerb)	173.00	17.26	471541	109.35
87	Phenanthrene	178.00	17.45	1705473	99.51
88	Anthracene	178.00	17.53	1756142	99.48
89	Carbazole	167.00	17.81	1573805	100.16
90	Di-n-butyl phthalate	149.00	18.44	2032720	109.70
91	4-Nitroquinoline-N-Oxide	190.00	18.74	157643	99.95
92	Isodrin	193.00	19.15	178428	106.40
93	Fluoranthene-d10	212.00	19.37	1608346	101.77
94	Fluoranthene	202.00	19.40	2056621	98.85
96	Pyrene	202.00	19.76	2064166	96.93
98	Aramite A	185.00	20.05	142522	50.26
99	Aramite B	185.00	20.18	140307	51.83
100	Chlorobenzilate	251.00	20.38	459486	110.20
101	Butyl benzyl phthalate	149.00	20.89	865020	107.15
102	Di(2-ethylhexyl) adipate	129.00	21.04	942633	108.44
103	Benzo[a]anthracene	228.00	21.73	1925447	97.59
104	Chrysene	228.00	21.79	1795224	93.71
105	Bis(2-Ethylhexyl) phthalate	149.00	21.84	1280686	108.12
106	Di-n-octyl phthalate	149.00	22.85	2139197	108.17
108	Benzo[b]fluoranthene	252.00	23.37	1803987	108.44
109	Benzo[k]fluoranthene	252.00	23.41	1588416	100.19
110	Benzo[a]pyrene	252.00	23.83	1363183	104.82
111	Indeno(1,2,3-cd)pyrene	276.00	25.61	1160487	97.74
112	3-Methylcholanthrene	268.00	-	---	N.D.
113	Dibenz(a,j)Acridine	279.00	25.30	962791	112.99
114	Dibenzo[a,h]anthracene	278.00	25.64	1172079	98.11
115	Benzo[g,h,i]perylene	276.00	26.10	1091648	106.37
116	2-Picoline (2-Methylpyridine)	93.00	-	---	N.D.(Peak)
117	N-Nitrosomethylethylamine	88.00	-	---	N.D.(Peak)
118	N-Nitrosodiethylamine	102.00	-	---	N.D.(Peak)
119	n-Decane	57.00	-	---	N.D.(Ref)
120	N-Nitrosopyrrolidine	100.00	-	---	N.D.(Peak)
121	N-Nitrosomorpholine	56.00	-	---	N.D.(Ref)
122	o-Toluidine	106.00	-	---	N.D.(Ref)
123	N-Nitrosopiperidine	114.00	-	---	N.D.(Peak)
124	a,a-Dimethylphenethylamine	58.00	-	---	N.D.(Peak)
125	Alpha-Terpineol	59.00	-	---	N.D.(Ref)
126	p-Phenylenediamine	108.00	-	---	N.D.(Ref)
127	N-Nitrosodi-n-butylamine	84.00	-	---	N.D.(Ref)
128	2,3-Dichloroaniline	161.00	-	---	N.D.
129	1-Naphthylamine	143.00	-	---	N.D.(Ref)
130	2-Naphthylamine	143.00	-	---	N.D.(Ref)
131	5-Nitro-o-Toluidine	152.00	-	---	N.D.(Ref)
132	4-Aminobiphenyl	169.00	-	---	N.D.(Ref)
133	n-Octadecane	57.00	-	---	N.D.(Ref)
134	Benzidine	184.00	-	---	N.D.(Ref)
135	4-Dimethyl aminoazobenzene	120.00	-	---	N.D.(Ref)
136	3,3'-Dimethylbenzidine	212.00	-	---	N.D.(Ref)
137	2-Acetylaminofluorene	181.00	-	---	N.D.(Ref)
138	3,3`-Dichlorobenzidine	252.00	-	---	N.D.(Peak)
139	7,12-Dimethylbenz[a]anthracene	256.00	-	---	N.D.(Ref)


4,721,736
TIC@1
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4.0
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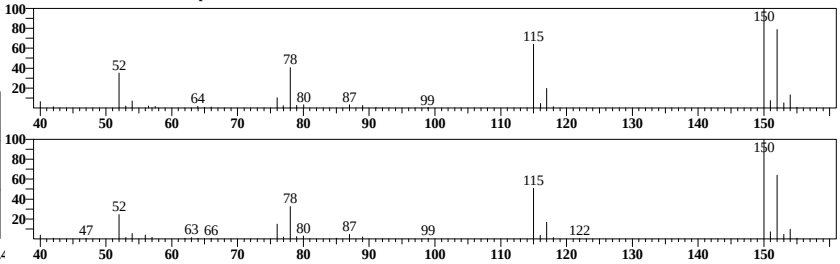
ID#:1 Name:1,4-Dichlorobenzene-d4 (IS) Type:ISTD Manual Integration Performed
Manual Reason: Split peak. CMN 12/1/2022

Mass:150.00 R.T:9.898 Area:248068 Conc:40.00000ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	152.00	69465	78.89	65.66
2	115.00	56263	63.89	48.88



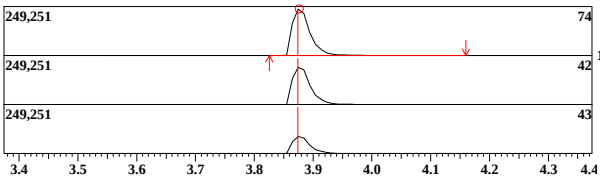
ID#:1 R.Time:9.902(Scan#:1293)
MassPeaks:29
RawMode:Averaged 9.893-9.912(1291-1295)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



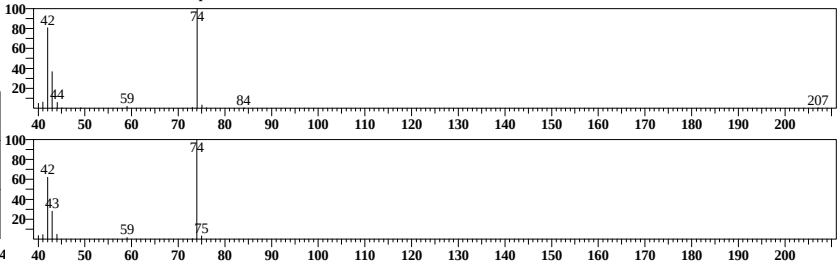
ID#:2 Name:N-Nitrosodimethylamine Type:Target Manual Integration Performed
Manual Reason: Baseline smoothing. CMN 12/1/2022

Mass:74.00 R.T:3.877 Area:518068 Conc:107.70303ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	42.00	166308	80.78	72.10
2	43.00	75342	36.59	38.30

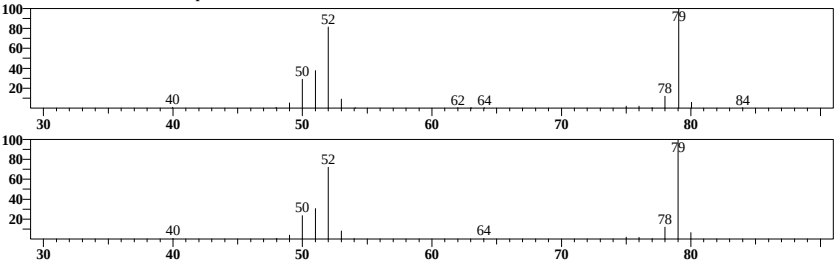


ID#:2 R.Time:3.874(Scan#:67)
MassPeaks:14
RawMode:Averaged 3.865-3.884(65-69)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



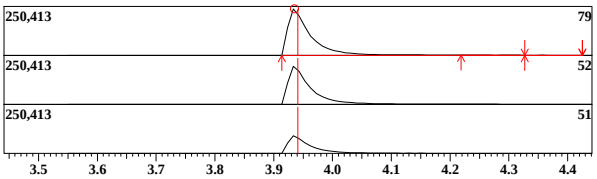
ID#:3 Name:Pyridine Type:Target No Manual Integration

ID#:3 R.Time:3.934(Scan#:79)
MassPeaks:18
RawMode:Averaged 3.924-3.943(77-81)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



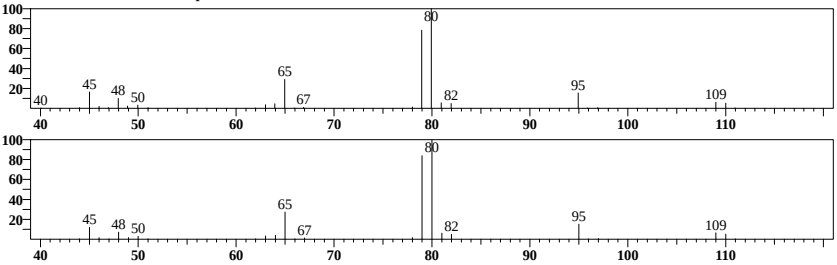
Mass:79.00 R.T:3.935 Area:674125 Conc:100.53058ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	52.00	158599	81.48	80.35
2	51.00	73346	37.68	37.95



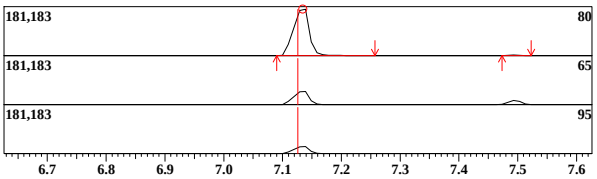
ID#:4 Name:Methyl methanesulfonate Type:Target No Manual Integration

ID#:4 R.Time:7.139(Scan#:731)
MassPeaks:26
RawMode:Averaged 7.129-7.149(729-733)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



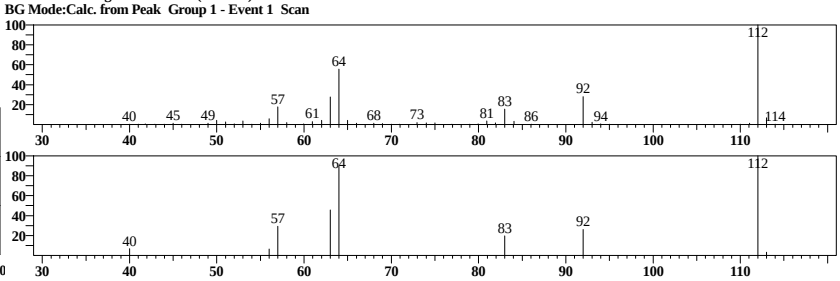
Mass:80.00 R.T:7.135 Area:331289 Conc:100.15388ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	65.00	37521	28.79	35.13
2	95.00	20001	15.35	18.43



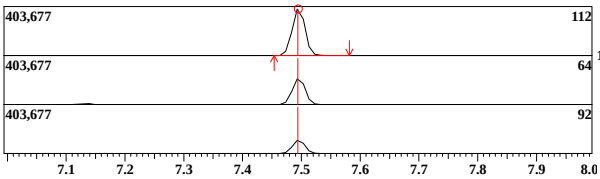
ID#:5 Name:2-Fluorophenol Type:Surrogate/SMC No Manual Integration

ID#:5 R.Time:7.493(Scan#:803)
MassPeaks:53
RawMode:Averaged 7.483-7.503(801-805)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



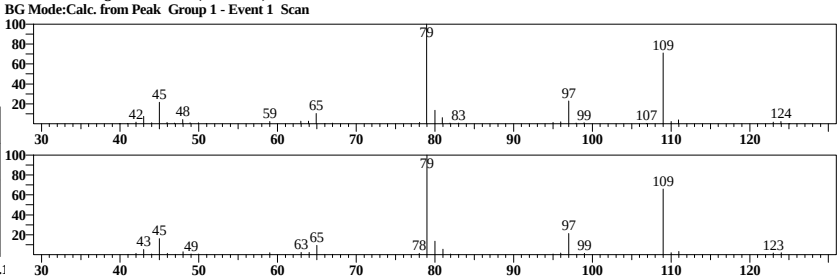
Mass:112.00 R.T:7.495 Area:594004 Conc:100.90801ppm
Event:1:Scan SI:85

#	m/z	Area	Ratio	Reference
1	64.00	162409	55.66	72.76
2	92.00	81858	28.05	26.11



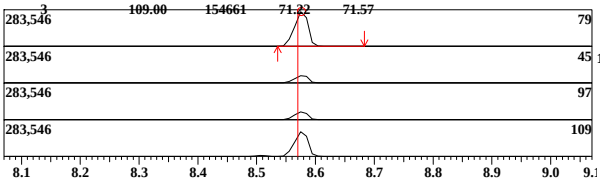
ID#:6 Name:Ethyl methanesulfonate Type:Target No Manual Integration

ID#:6 R.Time:8.575(Scan#:1023)
MassPeaks:36
RawMode:Averaged 8.565-8.585(1021-1025)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



Mass:79.00 R.T:8.577 Area:442748 Conc:99.09178ppm
Event:1:Scan SI:98

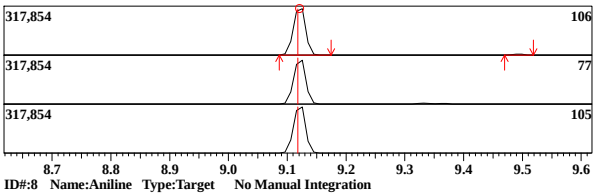
#	m/z	Area	Ratio	Reference
1	45.00	47003	21.65	17.15
2	97.00	49341	22.72	24.70
3	109.00	154661	71.22	71.57



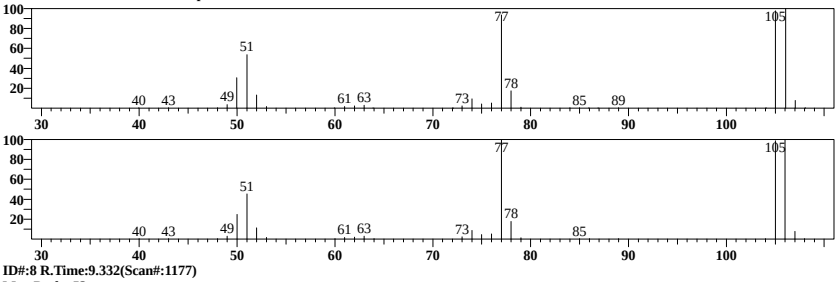
ID#:7 Name:Benzaldehyde Type:Target No Manual Integration

Mass:106.00 R.T:9.121 Area:459904 Conc:92.85417ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	77.00	209124	93.53	85.00
2	105.00	218829	97.87	96.78



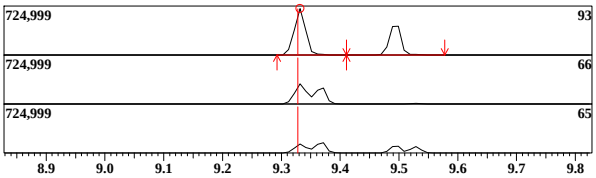
ID#:7 R.Time:9.125(Scan#:1135)
MassPeaks:31
RawMode:Averaged 9.116-9.135(1133-1137)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



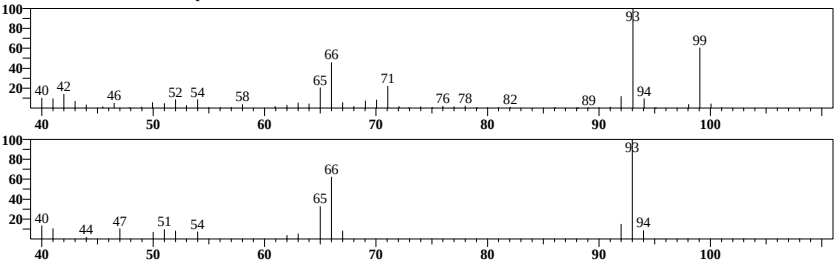
ID#:8 Name:Aniline Type:Target No Manual Integration

Mass:93.00 R.T:9.332 Area:947643 Conc:101.46581ppm
Event:1:Scan SI:72

#	m/z	Area	Ratio	Reference
1	66.00	217716	45.77	46.22
2	65.00	96276	20.24	22.48



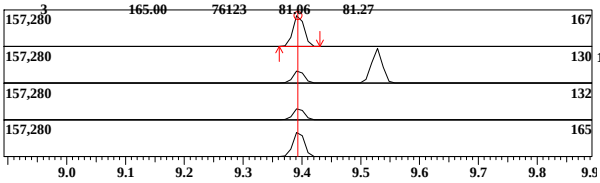
ID#:8 R.Time:9.332(Scan#:1177)
MassPeaks:53
RawMode:Averaged 9.322-9.342(1175-1179)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



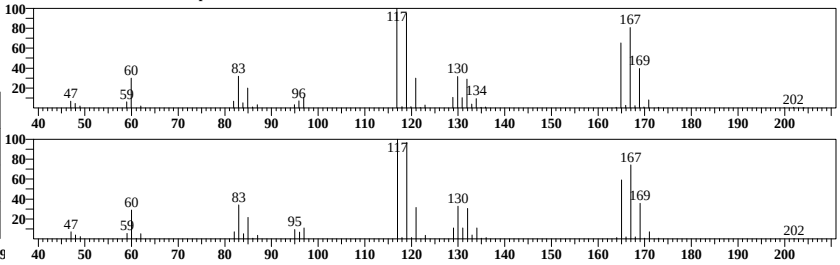
ID#:9 Name:Pentachloroethane Type:Target No Manual Integration

Mass:167.00 R.T:9.394 Area:182460 Conc:99.95503ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	130.00	36589	38.96	38.70
2	132.00	33780	35.97	34.68
3	165.00	76123	81.06	81.27



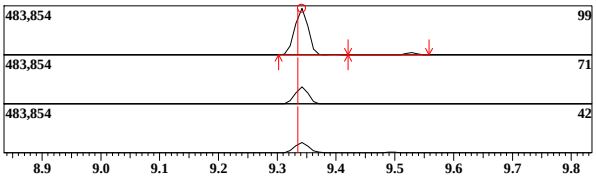
ID#:9 R.Time:9.391(Scan#:1189)
MassPeaks:42
RawMode:Averaged 9.381-9.401(1187-1191)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



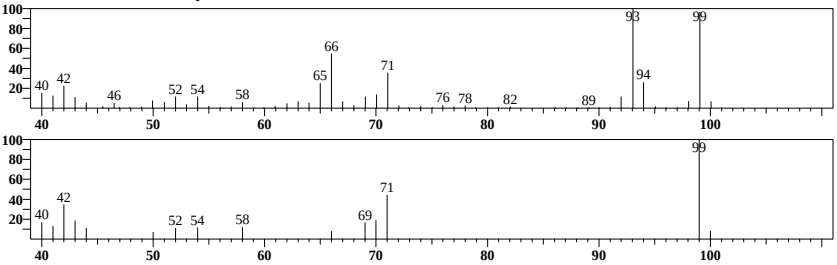
ID#:10 Name:Phenol-d6 Type:Surrogate/SMC No Manual Integration

Mass:99.00 R.T:9.341 Area:728605 Conc:103.26122ppm
Event:1:Scan SI:67

#	m/z	Area	Ratio	Reference
1	71.00	129303	36.62	35.02
2	42.00	81315	23.03	16.82



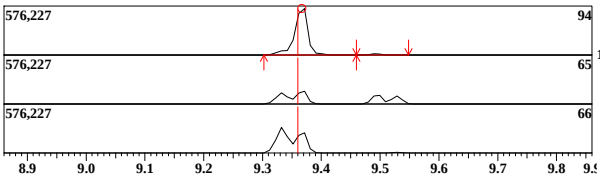
ID#:10 R.Time:9.342(Scan#:1179)
MassPeaks:59
RawMode:Averaged 9.332-9.352(1177-1181)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



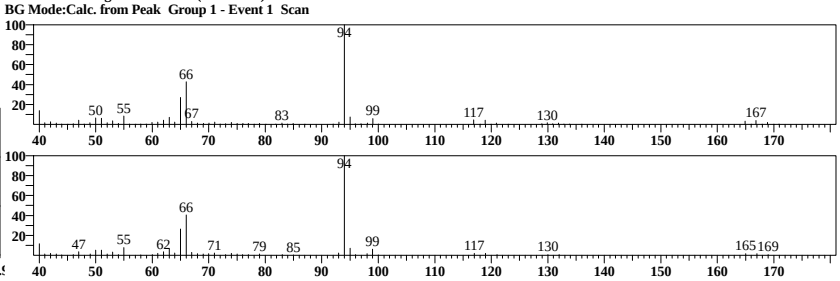
ID#:11 Name:Phenol Type:Target No Manual Integration

Mass:94.00 R.T:9.367 Area:899688 Conc:102.72364ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	65.00	104364	27.10	31.65
2	66.00	164741	42.78	40.72



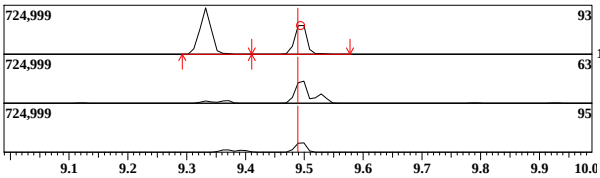
ID#:11 R.Time:9.371(Scan#:1185)
MassPeaks:75
RawMode:Averaged 9.361-9.381(1183-1187)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



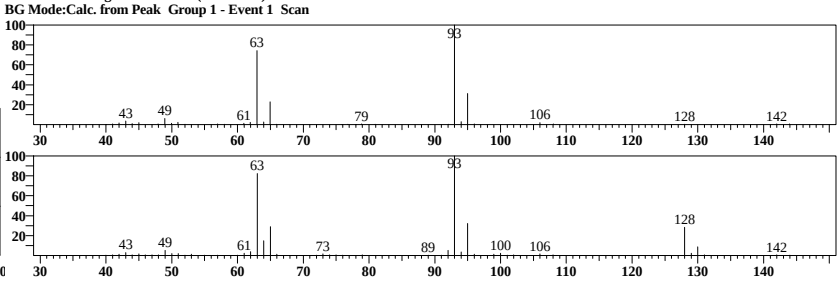
ID#:12 Name:bis(2-Chloroethyl)Ether Type:Target No Manual Integration

Mass:93.00 R.T:9.494 Area:647716 Conc:99.03589ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	63.00	241197	74.12	95.54
2	95.00	101201	31.10	33.05



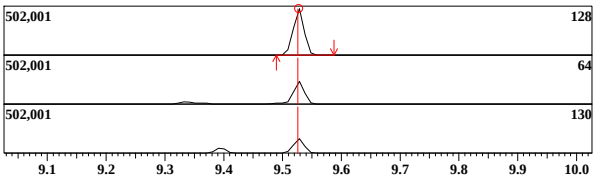
ID#:12 R.Time:9.489(Scan#:1209)
MassPeaks:34
RawMode:Averaged 9.479-9.499(1207-1211)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



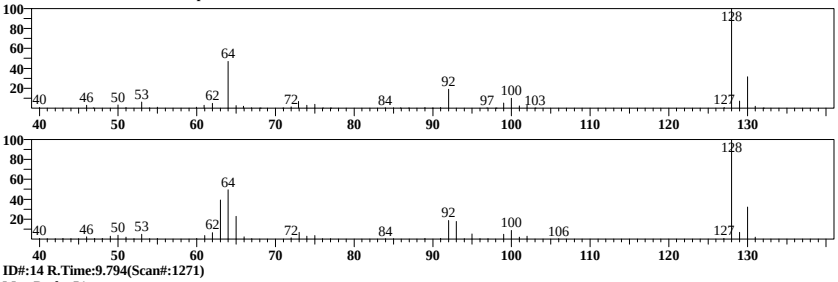
ID#:13 Name:2-Chlorophenol Type:Target No Manual Integration

Mass:128.00 R.T:9.528 Area:625101 Conc:100.76637ppm
Event:1:Scan SI:86

#	m/z	Area	Ratio	Reference
1	64.00	152346	47.10	65.60
2	130.00	102117	31.57	31.89



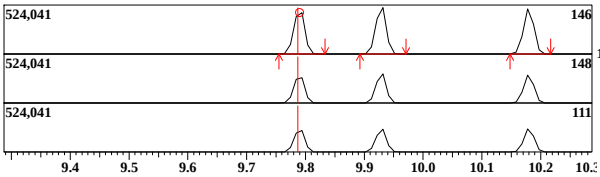
ID#:13 R.Time:9.529(Scan#:1217)
MassPeaks:44
RawMode:Averaged 9.519-9.539(1215-1219)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



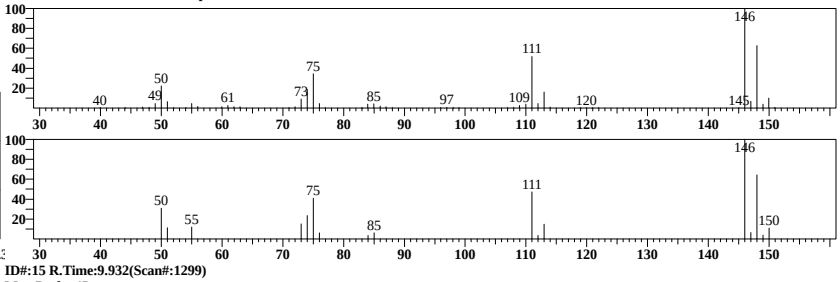
ID#:14 Name:1,3-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.790 Area:625674 Conc:98.53552ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	148.00	196703	62.57	64.92
2	111.00	162861	51.80	55.28



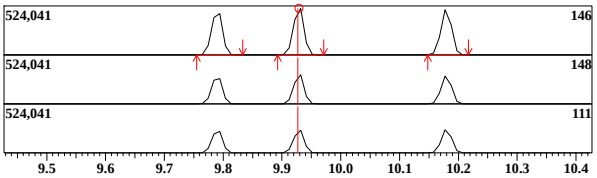
ID#:14 R.Time:9.794(Scan#:1271)
MassPeaks:51
RawMode:Averaged 9.784-9.804(1269-1273)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



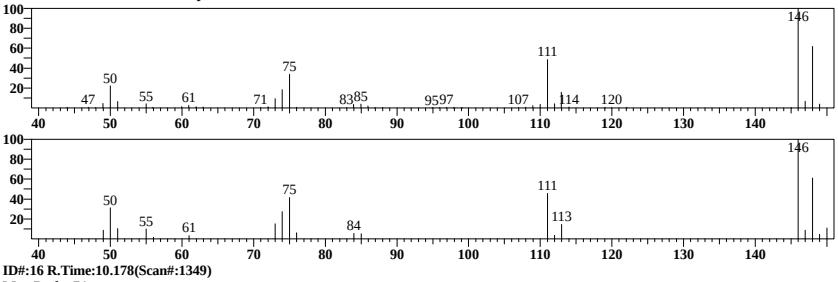
ID#:15 Name:1,4-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.929 Area:649130 Conc:99.95843ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	148.00	208206	61.88	66.17
2	111.00	163787	48.68	47.39



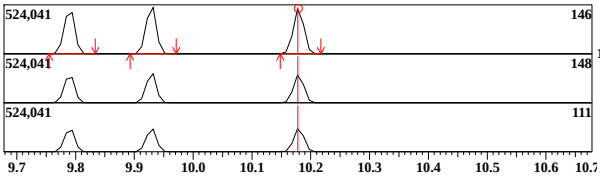
ID#:15 R.Time:9.932(Scan#:1299)
MassPeaks:45
RawMode:Averaged 9.922-9.942(1297-1301)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



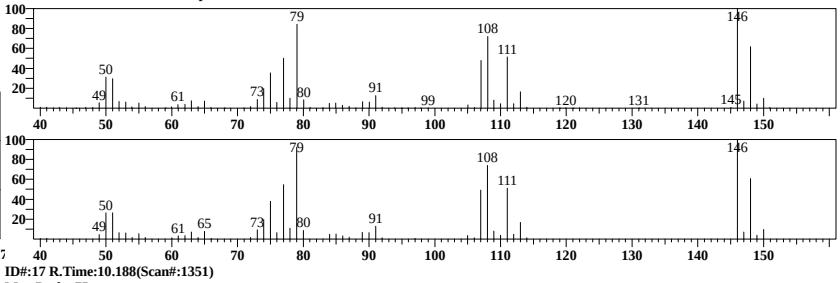
ID#:16 Name:1,2-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:10.179 Area:627555 Conc:100.32301ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	148.00	205451	61.87	65.19
2	111.00	170318	51.29	55.22



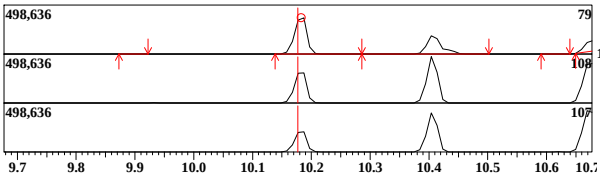
ID#:16 R.Time:10.178(Scan#:1349)
MassPeaks:74
RawMode:Averaged 10.168-10.188(1347-1351)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



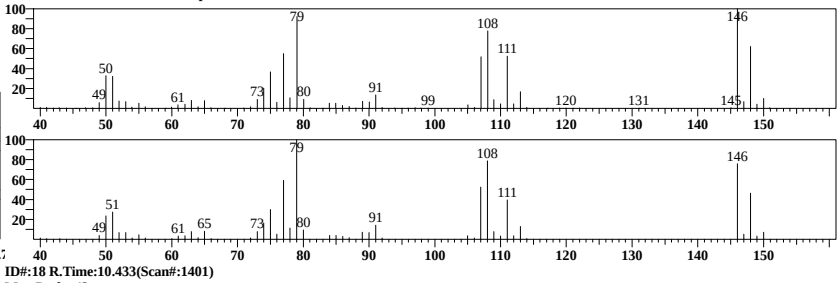
ID#:17 Name:Benzyl Alcohol Type:Target No Manual Integration

Mass:79.00 R.T:10.183 Area:565448 Conc:103.74087ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	108.00	221622	84.49	85.77
2	107.00	147069	56.07	58.74



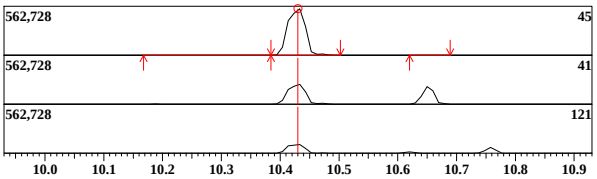
ID#:17 R.Time:10.188(Scan#:1351)
MassPeaks:75
RawMode:Averaged 10.178-10.197(1349-1353)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



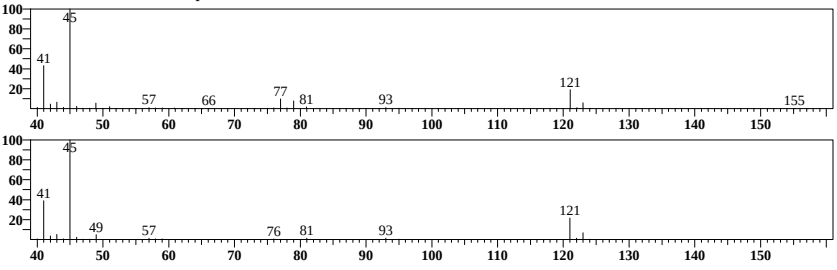
ID#:18 Name:bis(2-Chloroisopropyl) Ether Type:Target No Manual Integration

Mass:45.00 R.T:10.430 Area:1136358 Conc:100.35499ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	41.00	195051	43.19	39.13
2	121.00	85316	18.89	18.18



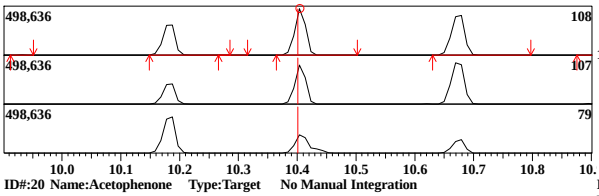
ID#:18 R.Time:10.433(Scan#:1401)
MassPeaks:42
RawMode:Averaged 10.424-10.443(1399-1403)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



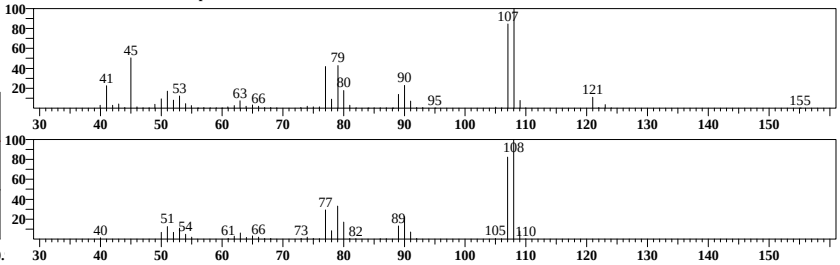
ID#:19 Name:2-Methylphenol (o-Cresol) Type:Target No Manual Integration

Mass:108.00 R.T:10.405 Area:626067 Conc:101.27129ppm
Event:1:Scan SI:86

#	m/z	Area	Ratio	Reference
1	107.00	277277	84.45	84.56
2	79.00	140475	42.78	35.28



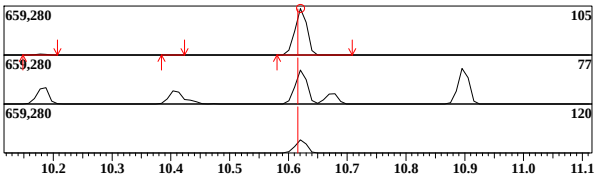
ID#:19 R.Time:10.404(Scan#:1395)
MassPeaks:62
RawMode:Averaged 10.394-10.414(1393-1397)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



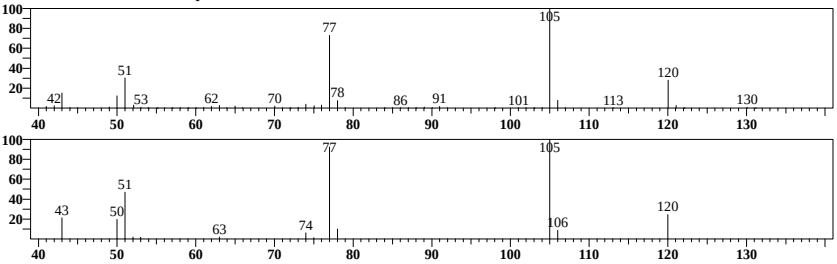
ID#:20 Name:Acetophenone Type:Target No Manual Integration

Mass:105.00 R.T:10.621 Area:909009 Conc:99.98424ppm
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	77.00	339551	73.12	73.31
2	120.00	130117	28.02	24.48



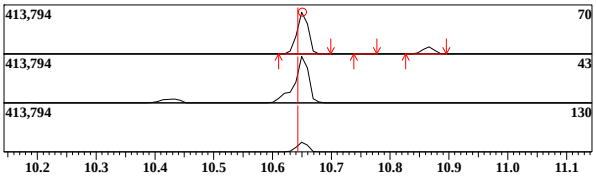
ID#:20 R.Time:10.620(Scan#:1439)
MassPeaks:57
RawMode:Averaged 10.610-10.630(1437-1441)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



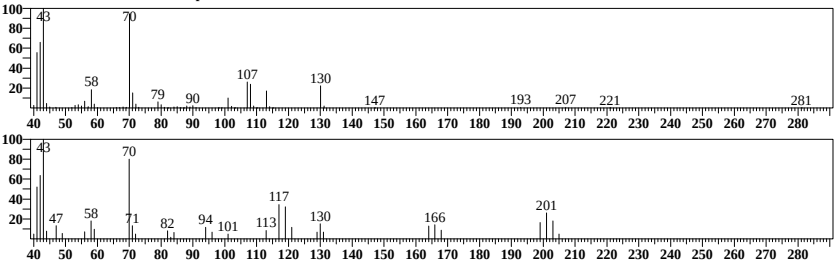
ID#:21 Name:N-Nitrosodi-n-propylamine Type:Target No Manual Integration

Mass:70.00 R.T:10.651 Area:481522 Conc:103.02924ppm
Event:1:Scan SI:70

#	m/z	Area	Ratio	Reference
1	43.00	267887	105.85	109.00
2	130.00	59120	23.36	17.19



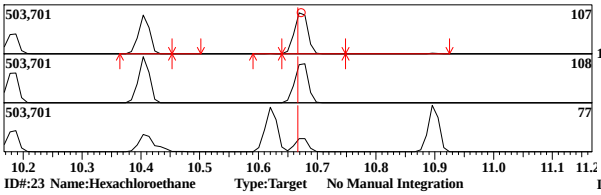
ID#:21 R.Time:10.650(Scan#:1445)
MassPeaks:55
RawMode:Averaged 10.640-10.660(1443-1447)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



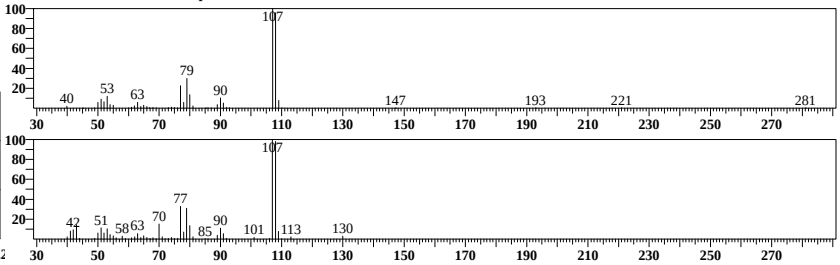
ID#:22 Name:3+4-Methylphenol(m&p-Cresol) Type:Target No Manual Integration

Mass:107.00 R.T:10.673 Area:686764 Conc:103.53476ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	108.00	323991	95.73	95.43
2	77.00	75761	22.39	31.91



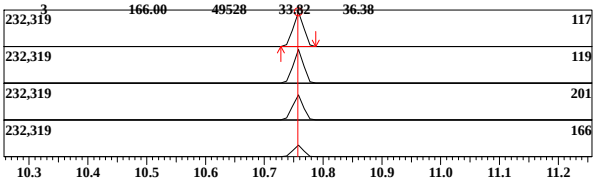
ID#:22 R.Time:10.669(Scan#:1449)
MassPeaks:44
RawMode:Averaged 10.660-10.679(1447-1451)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



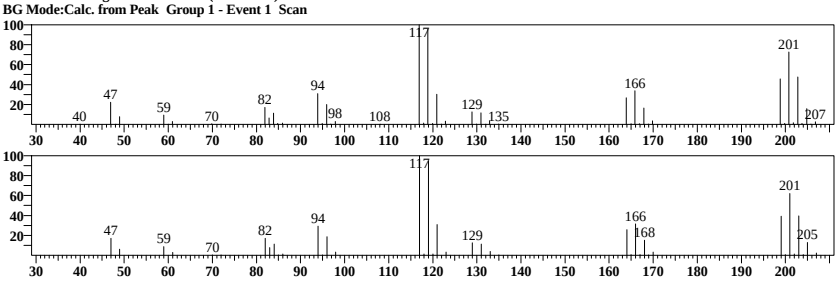
ID#:23 Name:Hexachloroethane Type:Target No Manual Integration

Mass:117.00 R.T:10.758 Area:273298 Conc:99.80514ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	119.00	140021	95.62	92.41
2	201.00	106443	72.69	78.73
3	166.00	49528	33.82	36.38



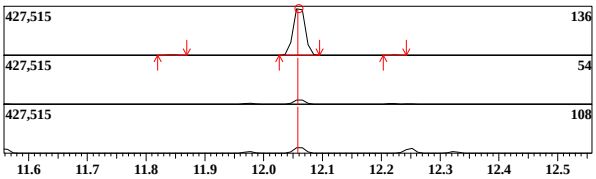
ID#:23 R.Time:10.758(Scan#:1467)
MassPeaks:49
RawMode:Averaged 10.748-10.768(1465-1469)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



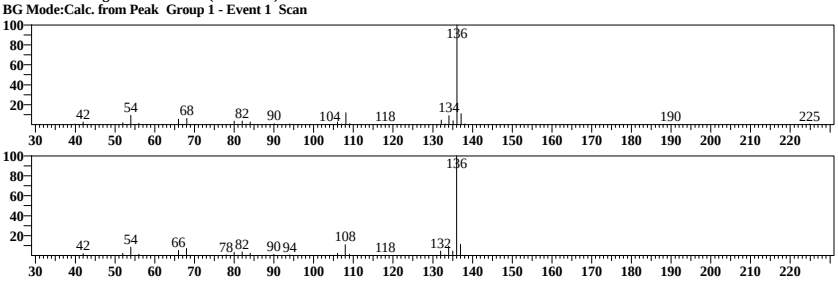
ID#:24 Name:Naphthalene-d8 (IS) Type:ISTD No Manual Integration

Mass:136.00 R.T:12.060 Area:604534 Conc:40.00000ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	54.00	28542	9.34	11.97
2	108.00	36609	11.98	12.20



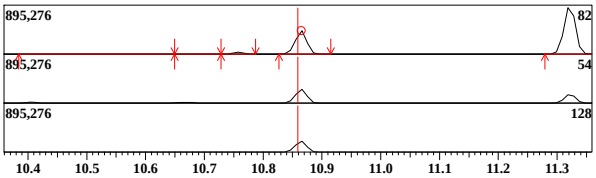
ID#:24 R.Time:12.056(Scan#:1731)
MassPeaks:43
RawMode:Averaged 12.046-12.066(1729-1733)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:25 Name:Nitrobenzene-d5 Type:Surrogate/SMC No Manual Integration

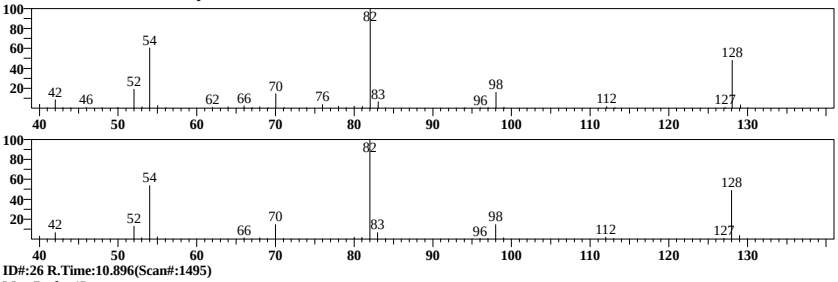
Mass:82.00 R.T:10.865 Area:592544 Conc:105.32023ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	54.00	181423	60.48	65.85
2	128.00	143629	47.88	43.44

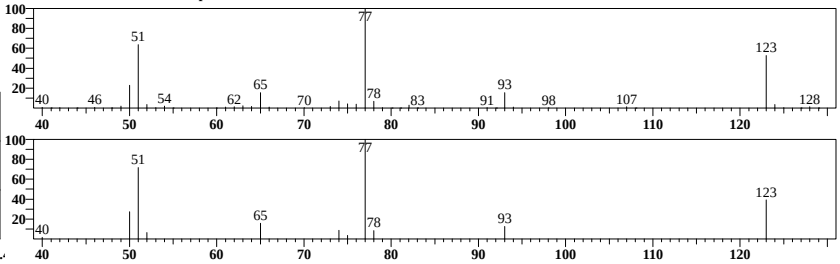


ID#:26 Name:Nitrobenzene Type:Target No Manual Integration

ID#:25 R.Time:10.866(Scan#:1489)
MassPeaks:41
RawMode:Averaged 10.856-10.876(1487-1491)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

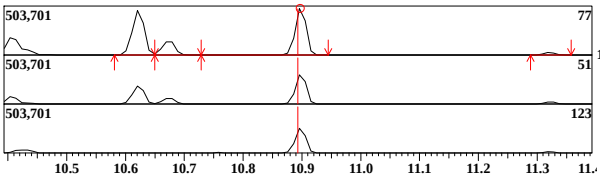


ID#:26 R.Time:10.896(Scan#:1495)
MassPeaks:45
RawMode:Averaged 10.886-10.905(1493-1497)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



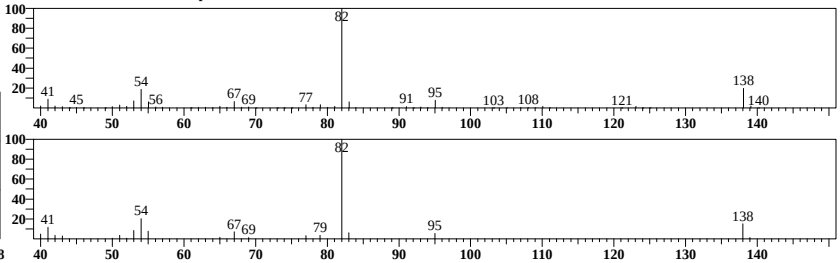
Mass:77.00 R.T:10.897 Area:629106 Conc:106.35421ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	51.00	212927	63.60	61.12
2	123.00	177009	52.88	46.32



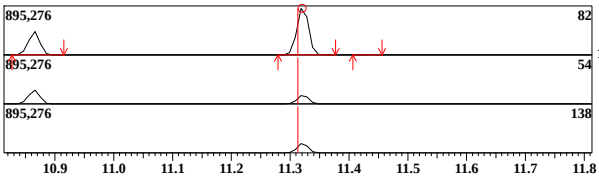
ID#:27 Name:Isophorone Type:Target No Manual Integration

ID#:27 R.Time:11.318(Scan#:1581)
MassPeaks:58
RawMode:Averaged 11.309-11.328(1579-1583)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



Mass:82.00 R.T:11.321 Area:1229331 Conc:105.52202ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	54.00	116382	18.61	19.87
2	138.00	121768	19.48	14.87

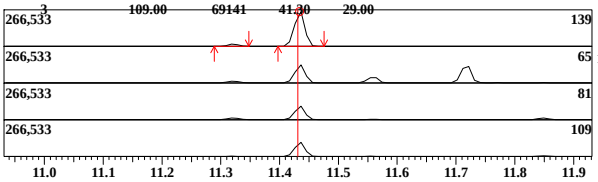


ID#:28 Name:2-Nitrophenol Type:Target No Manual Integration

ID#:28 R.Time:11.436(Scan#:1605)
MassPeaks:55
RawMode:Averaged 11.427-11.446(1603-1607)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

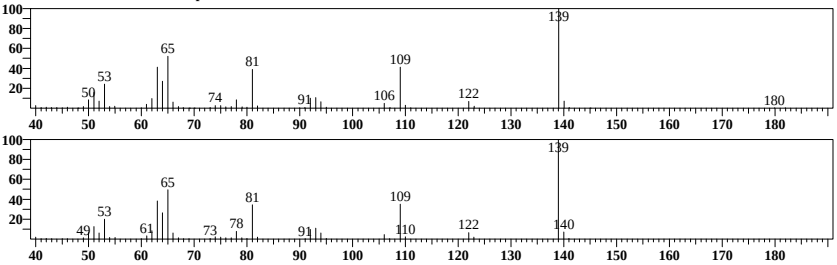
Mass:139.00 R.T:11.435 Area:321311 Conc:110.81169ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	65.00	86977	51.95	55.00
2	81.00	65141	38.91	33.00
3	109.00	69141	41.30	29.00



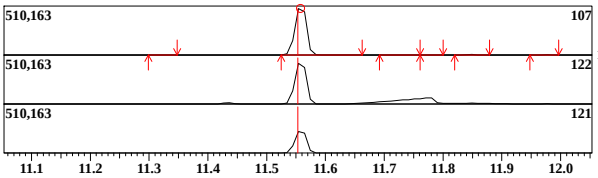
ID#:29 Name:2,4-Dimethylphenol Type:Target No Manual Integration

ID#:29 R.Time:11.554(Scan#:1629)
MassPeaks:64
RawMode:Averaged 11.544-11.564(1627-1631)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



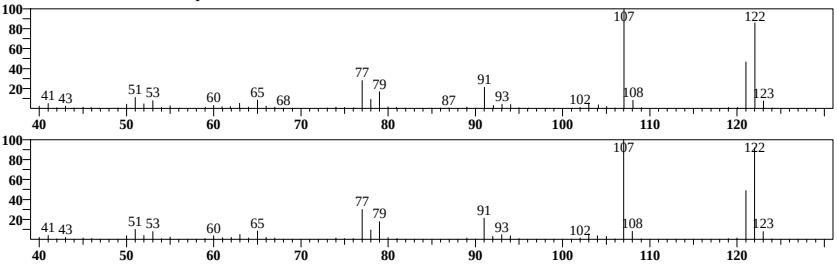
Mass:107.00 R.T:11.558 Area:693054 Conc:109.50080ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	122.00	312545	85.99	82.87
2	121.00	168914	46.47	42.24



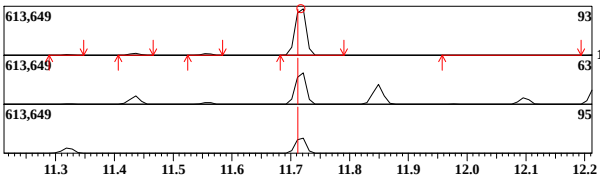
ID#:30 Name:Bis(2-Chloroethoxy)methane Type:Target No Manual Integration

ID#:30 R.Time:11.721(Scan#:1663)
MassPeaks:49
RawMode:Averaged 11.712-11.731(1661-1665)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

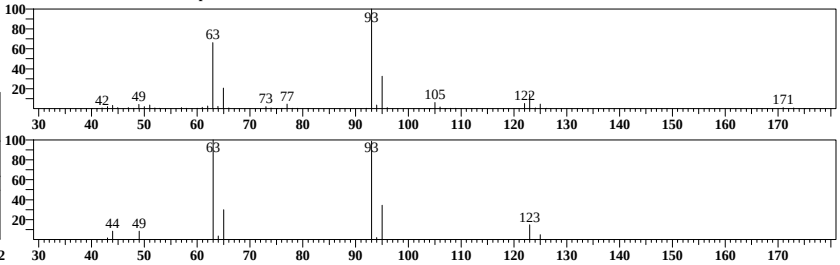


Mass:93.00 R.T:11.717 Area:777255 Conc:105.14136ppm
Event:1:Scan SI:88

#	m/z	Area	Ratio	Reference
1	63.00	265518	66.27	85.08
2	95.00	129646	32.36	33.16



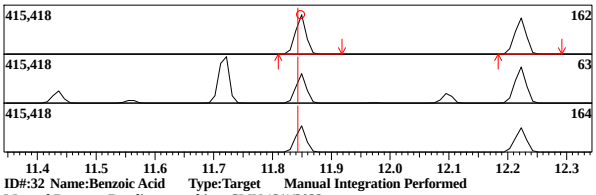
ID#:29 R.Time:11.554(Scan#:1629)
MassPeaks:64
RawMode:Averaged 11.544-11.564(1627-1631)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



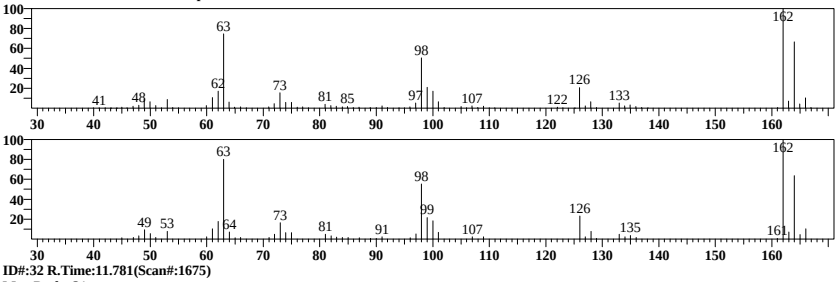
ID#:31 Name:2,4-Dichlorophenol Type:Target No Manual Integration

Mass:162.00 R.T:11.848 Area:424608 Conc:107.24518ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	63.00	165577	74.73	59.00
2	164.00	147417	66.54	65.54



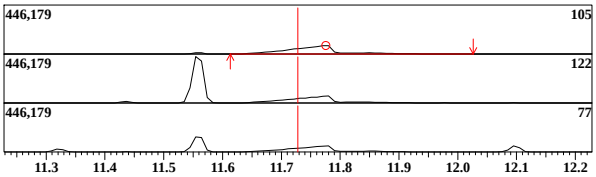
ID#:31 R.Time:11.849(Scan#:1689)
MassPeaks:79
RawMode:Averaged 11.839-11.859(1687-1691)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



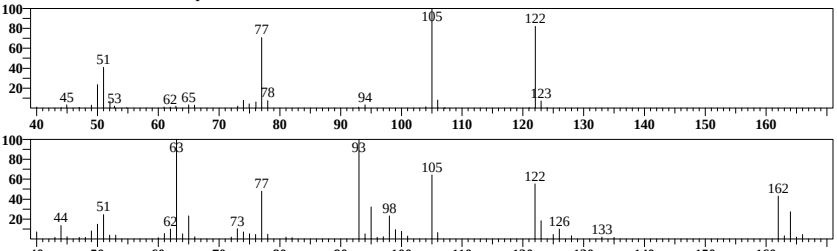
ID#:32 Name:Benzoic Acid Type:Target Manual Integration Performed
Manual Reason: Baseline smoothing. CMN 12/1/2022

Mass:105.00 R.T:11.776 Area:451369 Conc:100.03238ppm
Event:1:Scan SI:65

#	m/z	Area	Ratio	Reference
1	122.00	47587	82.07	76.85
2	77.00	40929	70.59	75.23



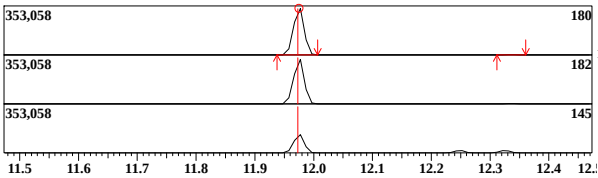
ID#:32 R.Time:11.781(Scan#:1675)
MassPeaks:31
RawMode:Averaged 11.771-11.790(1673-1677)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



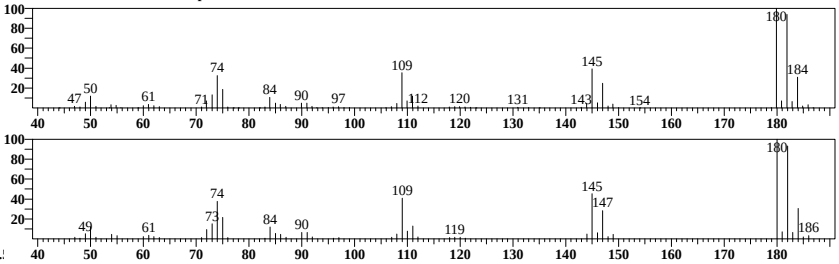
ID#:33 Name:1,2,4-Trichlorobenzene Type:Target No Manual Integration

Mass:180.00 R.T:11.975 Area:435276 Conc:103.86394ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	182.00	214129	94.03	91.21
2	145.00	89458	39.28	29.06



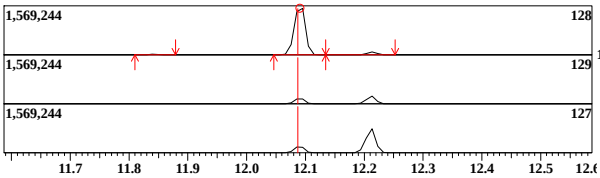
ID#:33 R.Time:11.977(Scan#:1715)
MassPeaks:73
RawMode:Averaged 11.967-11.987(1713-1717)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



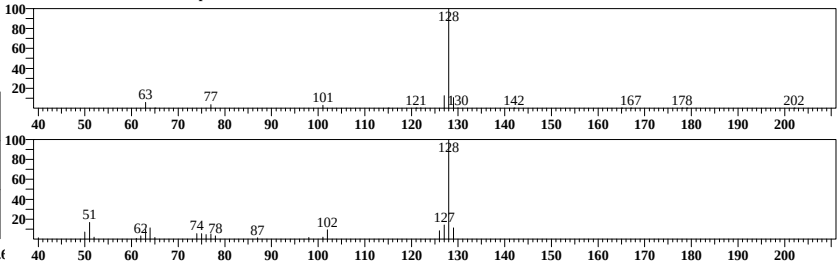
ID#:34 Name:Naphthalene Type:Target No Manual Integration

Mass:128.00 R.T:12.091 Area:2084263 Conc:100.74443ppm
Event:2:SIM SI:94

#	m/z	Area	Ratio	Reference
1	129.00	113351	10.76	10.48
2	127.00	131368	12.47	13.97



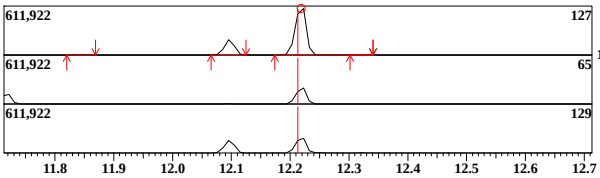
ID#:34 R.Time:12.095(Scan#:1740)
MassPeaks:17
RawMode:Averaged 12.085-12.105(1738-1742)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



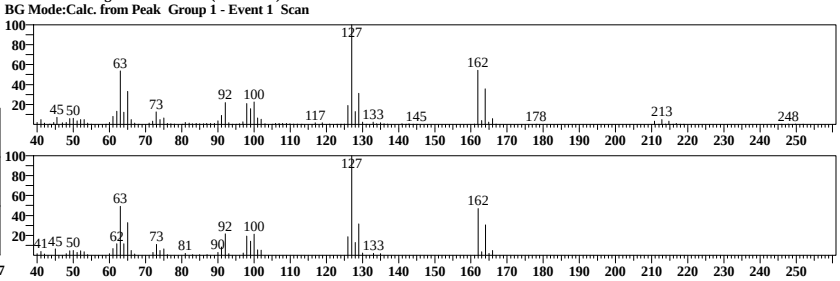
ID#:35 Name:4-Chloroaniline Type:Target No Manual Integration

Mass:127.00 R.T:12.219 Area:807297 Conc:111.06464ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	65.00	132311	33.10	45.58
2	129.00	124192	31.07	30.27



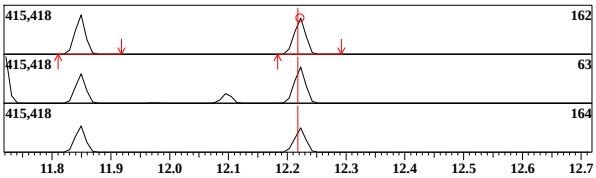
ID#:35 R.Time:12.223(Scan#:1765)
MassPeaks:109
RawMode:Averaged 12.213-12.233(1763-1767)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



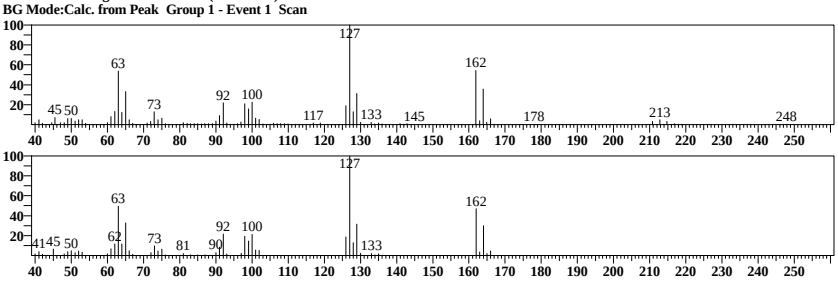
ID#:36 Name:2,6-Dichlorophenol Type:Target No Manual Integration

Mass:162.00 R.T:12.222 Area:426673 Conc:109.58336ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	63.00	214890	98.81	88.00
2	164.00	142296	65.43	62.85



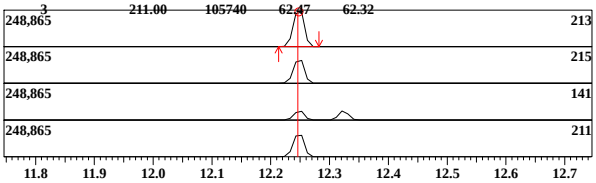
ID#:36 R.Time:12.223(Scan#:1765)
MassPeaks:110
RawMode:Averaged 12.213-12.233(1763-1767)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



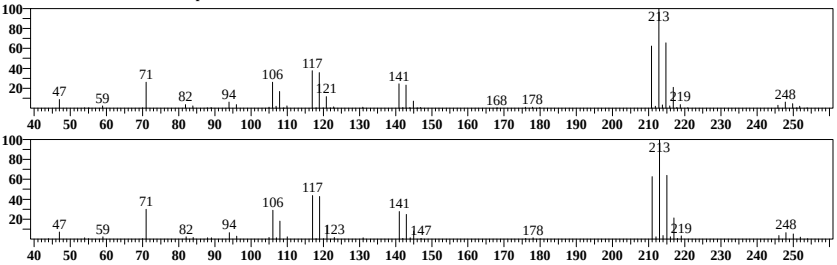
ID#:37 Name:Hexachloropropene Type:Target No Manual Integration

Mass:213.00 R.T:12.248 Area:335434 Conc:109.34014ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	215.00	110831	65.47	64.65
2	141.00	41453	24.49	22.52
3	211.00	105740	62.47	62.32



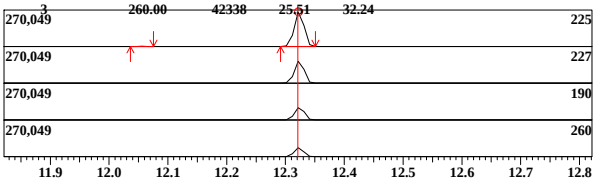
ID#:37 R.Time:12.253(Scan#:1771)
MassPeaks:53
RawMode:Averaged 12.243-12.262(1769-1773)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



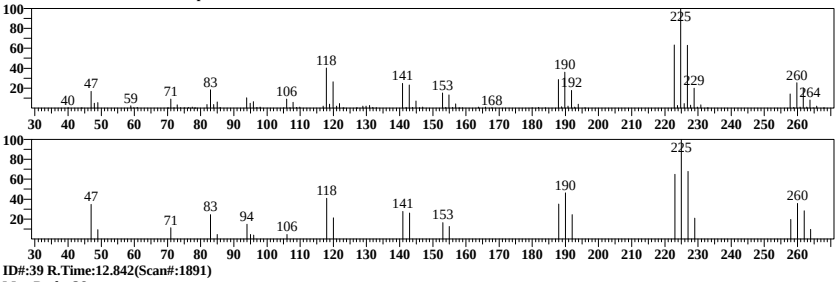
ID#:38 Name:Hexachlorobutadiene Type:Target No Manual Integration

Mass:225.00 R.T:12.323 Area:305042 Conc:105.99823ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	227.00	104841	63.18	64.03
2	190.00	59782	36.03	38.21
3	260.00	42338	25.51	32.24



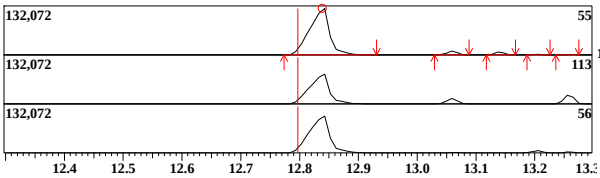
ID#:38 R.Time:12.321(Scan#:1785)
MassPeaks:94
RawMode:Averaged 12.312-12.331(1783-1787)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



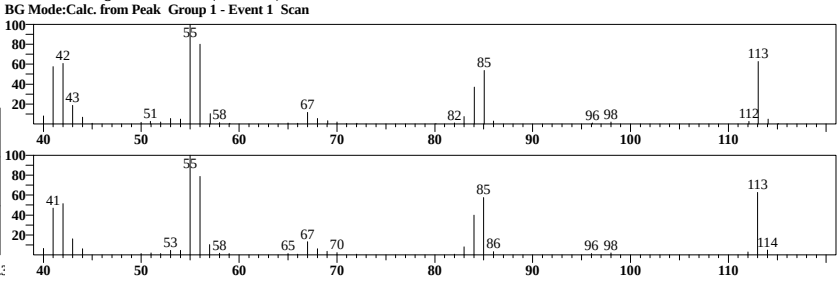
ID#:39 Name:Caprolactam Type:Target No Manual Integration

Mass:55.00 R.T:12.839 Area:295985 Conc:108.39411ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	113.00	59789	62.75	78.00
2	56.00	76231	80.00	79.15

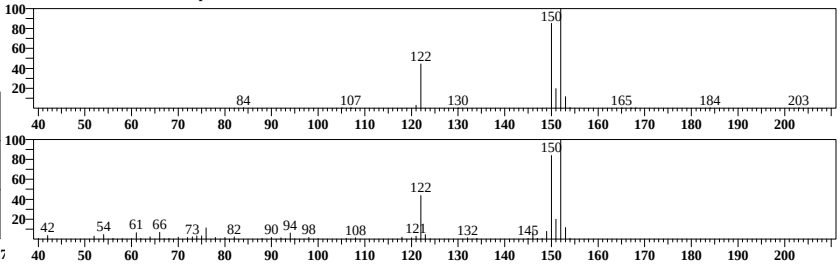


ID#:39 R.Time:12.842(Scan#:1891)
MassPeaks:36
RawMode:Averaged 12.833-12.852(1889-1893)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



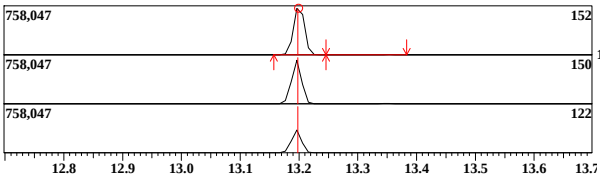
ID#:40 Name:2-Methylnaphthalene-d10 Type:Target No Manual Integration

ID#:40 R.Time:13.196(Scan#:1964)
MassPeaks:16
RawMode:Averaged 13.187-13.206(1962-1966)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



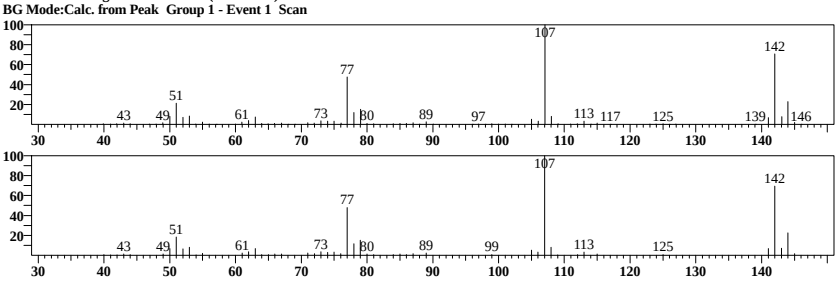
Mass:152.00 R.T:13.200 Area:995516 Conc:103.58188ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	150.00	439578	85.07	58.54
2	122.00	228519	44.23	46.34



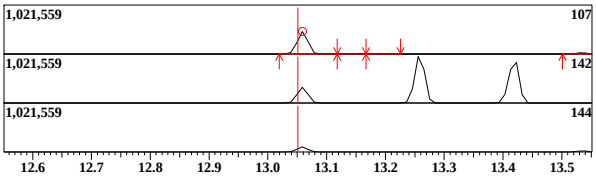
ID#:41 Name:4-Chloro-3-methylphenol Type:Target No Manual Integration

ID#:41 R.Time:13.059(Scan#:1935)
MassPeaks:74
RawMode:Averaged 13.049-13.069(1933-1937)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



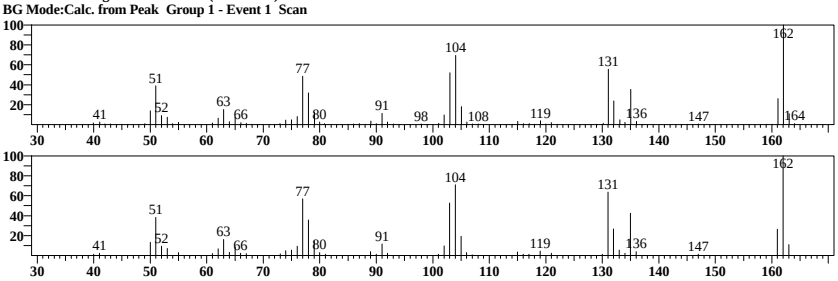
Mass:107.00 R.T:13.059 Area:618416 Conc:107.06017ppm
Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	142.00	227609	70.83	60.24
2	144.00	73055	22.73	18.55



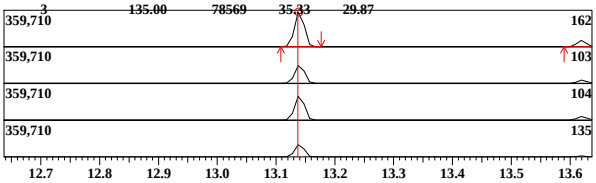
ID#:42 Name:Safrole Type:Target No Manual Integration

ID#:42 R.Time:13.137(Scan#:1951)
MassPeaks:79
RawMode:Averaged 13.128-13.147(1949-1953)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



Mass:162.00 R.T:13.139 Area:411837 Conc:106.55187ppm
Event:1:Scan SI:97

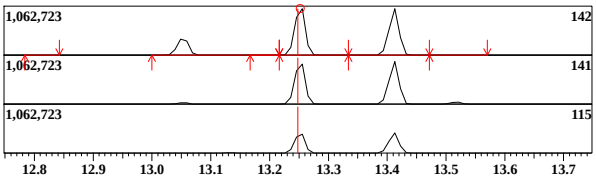
#	m/z	Area	Ratio	Reference
1	103.00	115592	51.98	50.38
2	104.00	154714	69.57	67.22
3	135.00	78569	35.33	29.87



ID#:43 Name:2-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.252 Area:1319050 Conc:100.05157ppm
Event:2:SIM SI:98

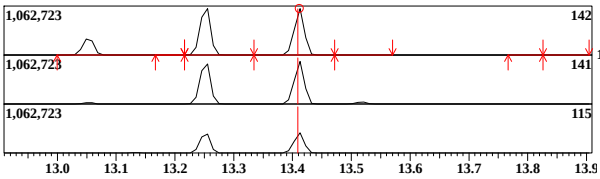
#	m/z	Area	Ratio	Reference
1	141.00	592737	87.04	68.04
2	115.00	280347	41.17	50.52



ID#:44 Name:1-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.412 Area:1229750 Conc:98.33967ppm
Event:2:SIM SI:92

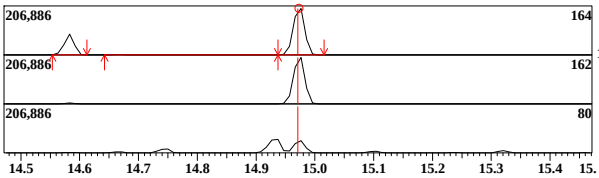
#	m/z	Area	Ratio	Reference
1	141.00	593626	91.29	72.83
2	115.00	285360	43.88	32.61



ID#:45 Name:Acenaphthene-d10 (IS) Type:ISTD No Manual Integration

Mass:164.00 R.T:14.973 Area:277985 Conc:40.00000ppm
Event:1:Scan SI:93

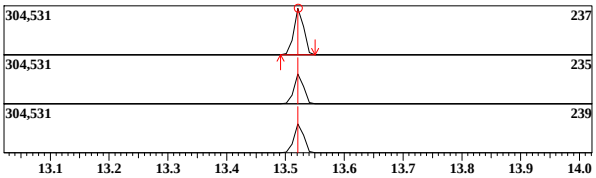
#	m/z	Area	Ratio	Reference
1	162.00	139371	98.29	95.44
2	80.00	8024	5.66	29.92



ID#:46 Name:Hexachlorocyclopentadiene Type:Target No Manual Integration

Mass:237.00 R.T:13.522 Area:341331 Conc:100.74880ppm
Event:1:Scan SI:92

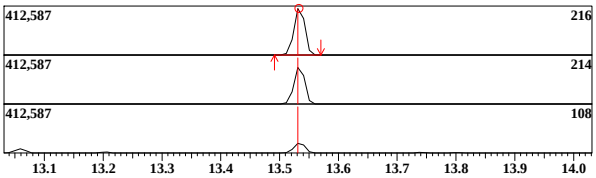
#	m/z	Area	Ratio	Reference
1	235.00	116791	63.00	58.98
2	239.00	115430	62.26	65.78



ID#:47 Name:1,2,4,5-Tetrachlorobenzene Type:Target No Manual Integration

Mass:216.00 R.T:13.533 Area:525008 Conc:106.06609ppm
Event:1:Scan SI:73

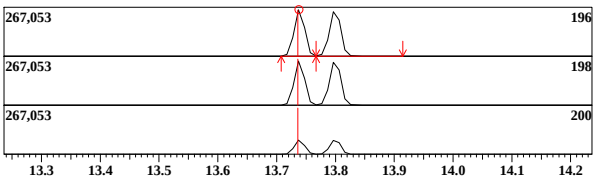
#	m/z	Area	Ratio	Reference
1	214.00	217677	78.47	78.02
2	108.00	60752	21.90	22.55



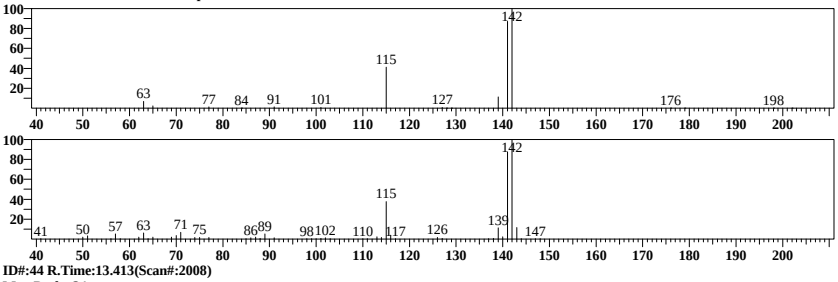
ID#:48 Name:2,4,6-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.738 Area:323743 Conc:110.60642ppm
Event:1:Scan SI:96

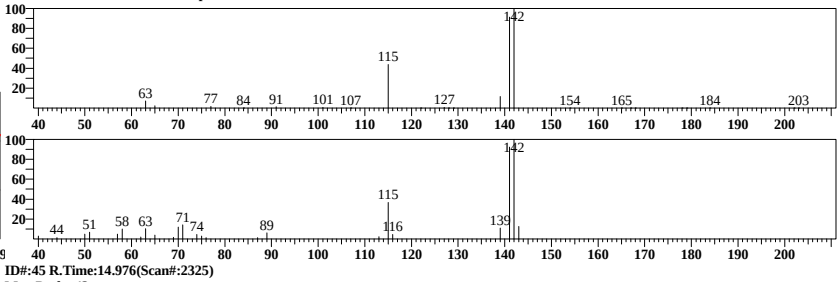
#	m/z	Area	Ratio	Reference
1	198.00	160534	94.38	94.42
2	200.00	51752	30.43	32.47



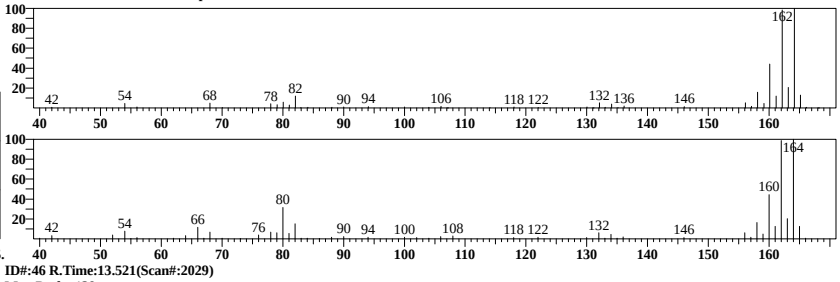
ID#:43 R.Time:13.256(Scan#:1976)
MassPeaks:17
RawMode:Averaged 13.246-13.265(1974-1978)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



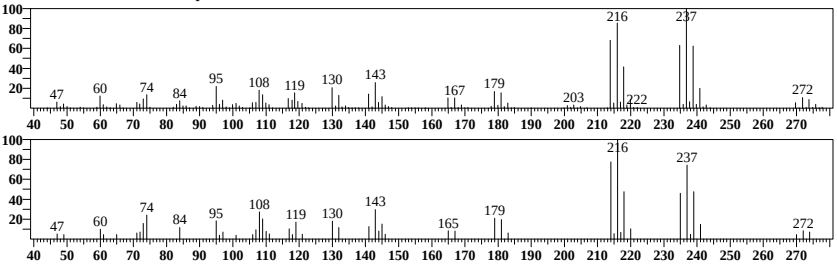
ID#:44 R.Time:13.413(Scan#:2008)
MassPeaks:24
RawMode:Averaged 13.403-13.423(2006-2010)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



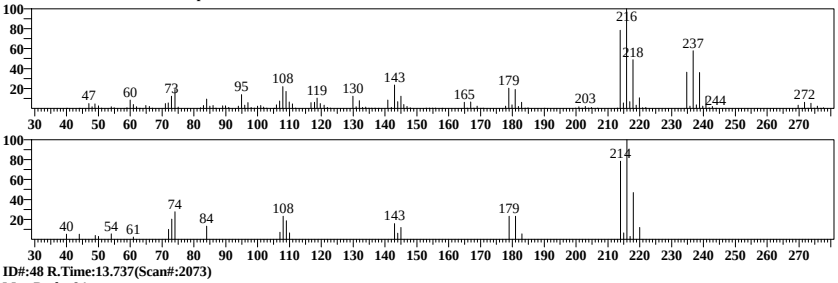
ID#:45 R.Time:14.976(Scan#:2325)
MassPeaks:42
RawMode:Averaged 14.967-14.986(2323-2327)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



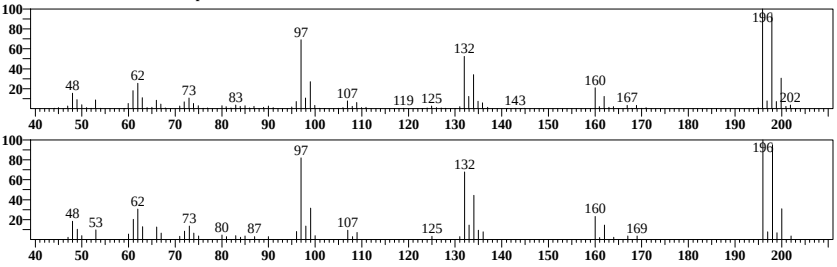
ID#:46 R.Time:13.521(Scan#:2029)
MassPeaks:129
RawMode:Averaged 13.511-13.531(2027-2031)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:47 R.Time:13.531(Scan#:2031)
MassPeaks:130
RawMode:Averaged 13.521-13.541(2029-2033)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



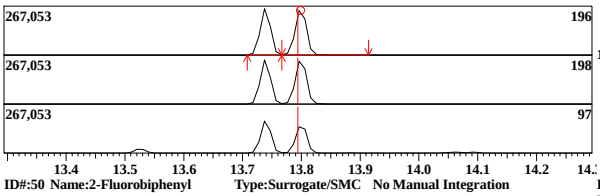
ID#:48 R.Time:13.737(Scan#:2073)
MassPeaks:94
RawMode:Averaged 13.727-13.747(2071-2075)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



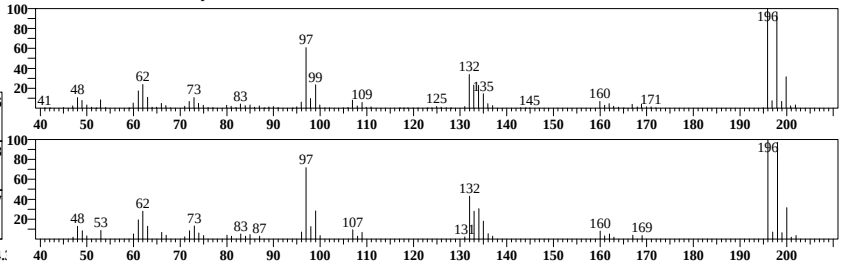
ID#:49 Name:2,4,5-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.799 Area:347575 Conc:108.96744ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	198.00	167724	96.30	97.81
2	97.00	105885	60.80	65.15



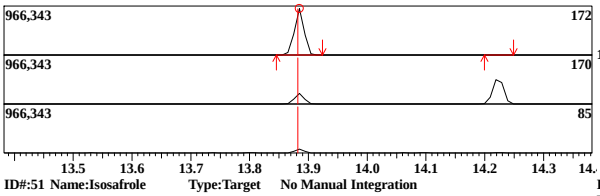
ID#:49 R.Time:13.796(Scan#:2085)
MassPeaks:97
RawMode:Averaged 13.787-13.806(2083-2087)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



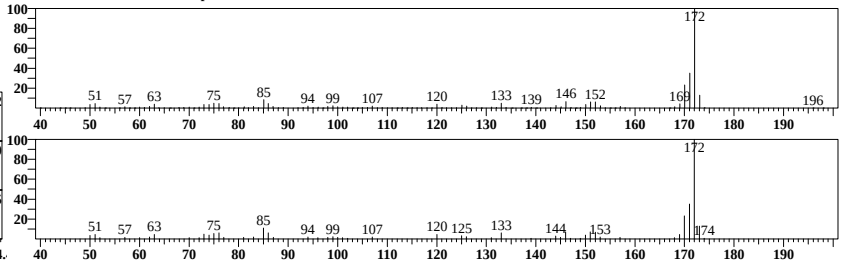
ID#:50 Name:2-Fluorobiphenyl Type:Surrogate/SMC No Manual Integration

Mass:172.00 R.T:13.885 Area:1067667 Conc:105.92073ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	170.00	132635	23.07	22.48
2	85.00	48740	8.48	9.13



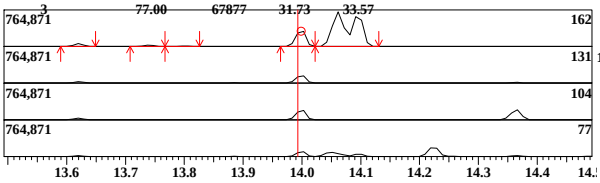
ID#:50 R.Time:13.885(Scan#:2103)
MassPeaks:115
RawMode:Averaged 13.875-13.895(2101-2105)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



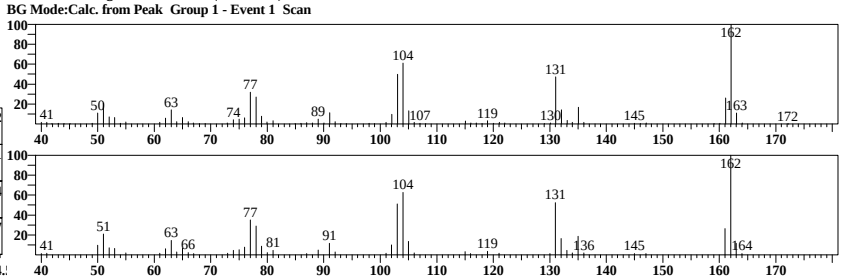
ID#:51 Name:Isosafrole Type:Target No Manual Integration

Mass:162.00 R.T:13.999 Area:423670 Conc:107.06267ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	131.00	101281	47.34	42.54
2	104.00	130759	61.12	57.35
3	77.00	67877	31.73	33.57



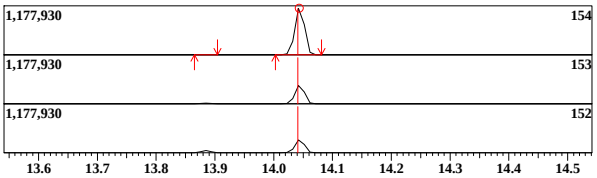
ID#:51 R.Time:14.003(Scan#:2127)
MassPeaks:77
RawMode:Averaged 13.993-14.013(2125-2129)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



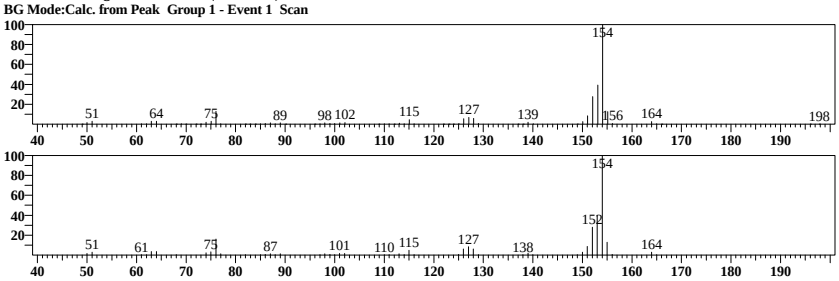
ID#:52 Name:1,1'-Biphenyl Type:Target No Manual Integration

Mass:154.00 R.T:14.044 Area:1345716 Conc:107.29479ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	153.00	286213	39.30	38.49
2	152.00	200216	27.49	28.01



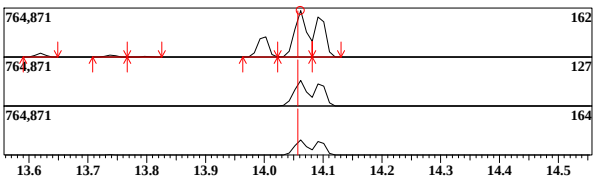
ID#:52 R.Time:14.042(Scan#:2135)
MassPeaks:65
RawMode:Averaged 14.032-14.052(2133-2137)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



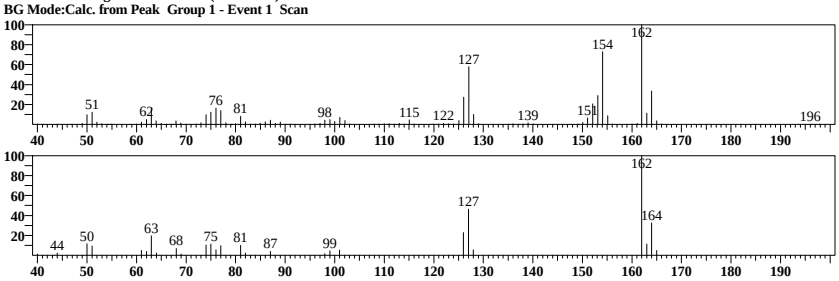
ID#:53 Name:2-Chloronaphthalene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/1/2022

Mass:162.00 R.T:14.061 Area:1122008 Conc:115.31289ppm
Event:1:Scan SI:77

#	m/z	Area	Ratio	Reference
1	127.00	204340	57.94	48.49
2	164.00	117939	33.44	32.94



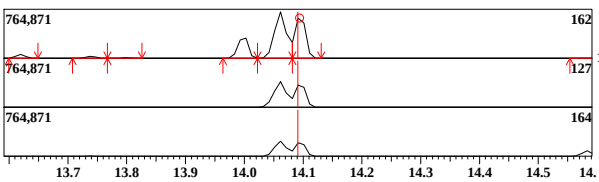
ID#:53 R.Time:14.062(Scan#:2139)
MassPeaks:92
RawMode:Averaged 14.052-14.072(2137-2141)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



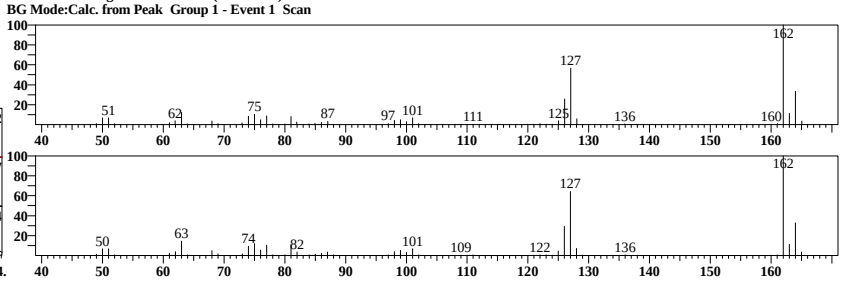
ID#:54 Name:1-Chloronaphthalene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/1/2022

Mass:162.00 R.T:14.095 Area:747812 Conc:98.18556ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	127.00	157099	56.44	48.49
2	164.00	93327	33.53	32.94



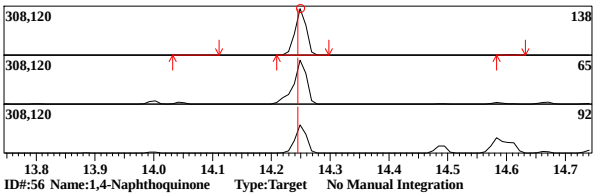
ID#:54 R.Time:14.091(Scan#:2145)
MassPeaks:66
RawMode:Averaged 14.082-14.101(2143-2147)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



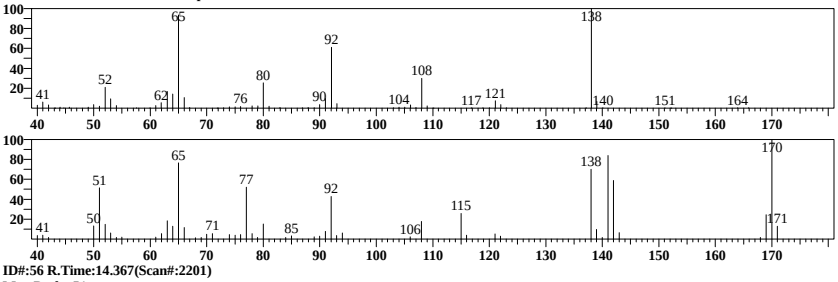
ID#:55 Name:2-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.250 Area:392741 Conc:112.13371ppm
Event:1:Scan SI:60

#	m/z	Area	Ratio	Reference
1	65.00	192630	93.54	101.46
2	92.00	125648	61.02	55.64



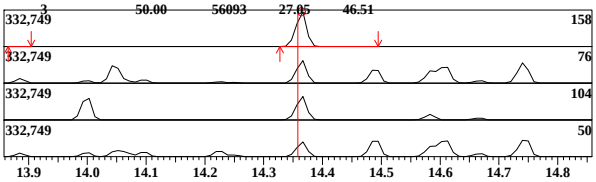
ID#:55 R.Time:14.249(Scan#:2177)
MassPeaks:61
RawMode:Averaged 14.239-14.259(2175-2179)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



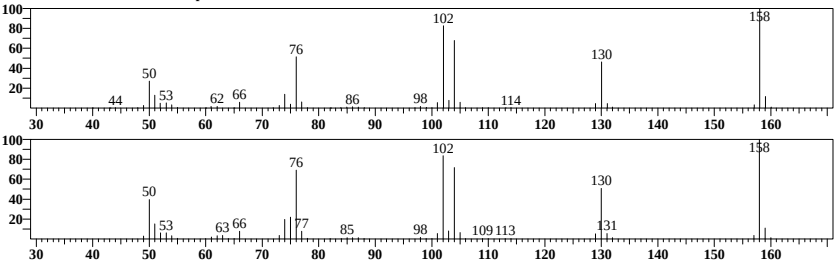
ID#:56 Name:1,4-Naphthoquinone Type:Target No Manual Integration

Mass:158.00 R.T:14.365 Area:415844 Conc:107.43006ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	76.00	106777	51.48	68.34
2	104.00	140680	67.83	74.24
3	50.00	56093	27.05	46.51



ID#:56 R.Time:14.367(Scan#:2201)
MassPeaks:51
RawMode:Averaged 14.357-14.377(2199-2203)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

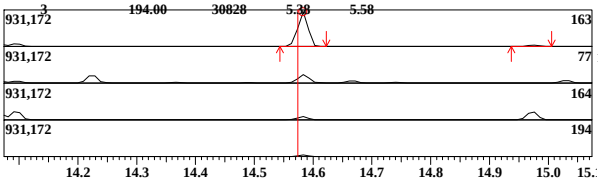


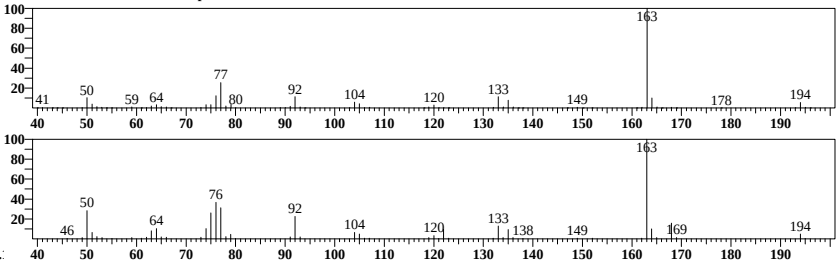
ID#:57 Name:Dimethyl phthalate Type:Target No Manual Integration

ID#:57 R.Time:14.583(Scan#:2245)
MassPeaks:69
RawMode:Averaged 14.573-14.593(2243-2247)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:163.00 R.T:14.583 Area:1076229 Conc:106.21109ppm
Event:1:Scan SI:88

#	m/z	Area	Ratio	Reference
1	77.00	146410	25.55	29.31
2	164.00	57133	9.97	10.65
3	194.00	30828	5.38	5.58



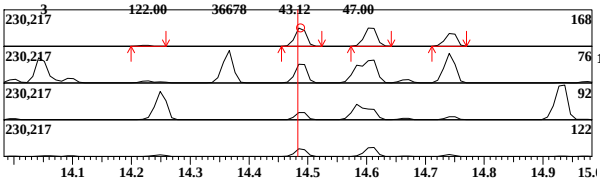


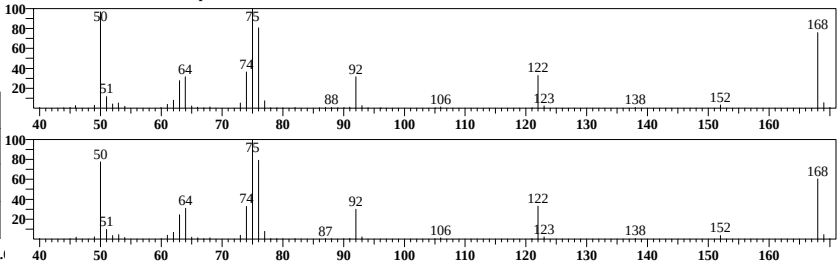
ID#:58 Name:1,3-Dinitrobenzene Type:Target No Manual Integration

ID#:58 R.Time:14.485(Scan#:2225)
MassPeaks:48
RawMode:Averaged 14.475-14.495(2223-2227)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:168.00 R.T:14.488 Area:163015 Conc:100.83976ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	76.00	90736	106.66	100.00
2	92.00	35426	41.64	44.00
3	122.00	36678	43.12	47.00



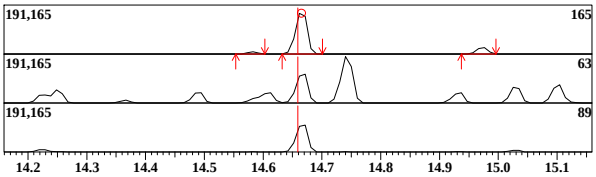


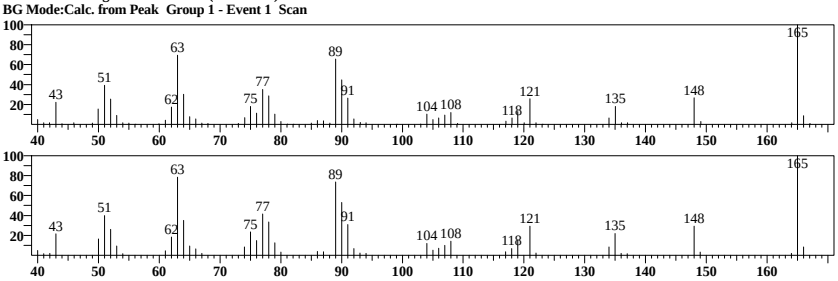
ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT) Type:Target No Manual Integration

ID#:59 R.Time:14.662(Scan#:2261)
MassPeaks:68
RawMode:Averaged 14.652-14.672(2259-2263)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:165.00 R.T:14.666 Area:235815 Conc:108.53890ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	63.00	85079	69.39	89.00
2	89.00	80367	65.55	65.00



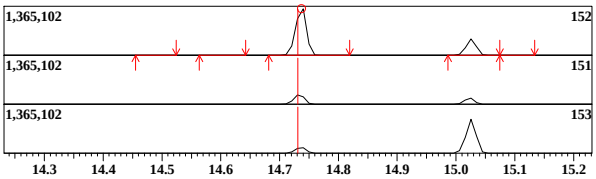


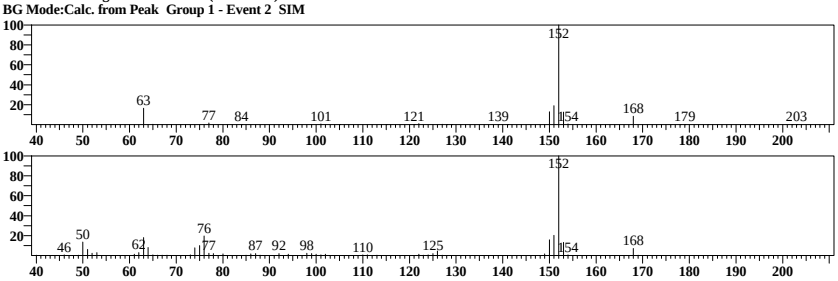
ID#:60 Name:Acenaphthylene Type:Target No Manual Integration

ID#:60 R.Time:14.740(Scan#:2278)
MassPeaks:25
RawMode:Averaged 14.730-14.750(2276-2280)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM

Mass:152.00 R.T:14.737 Area:1738820 Conc:102.28477ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	151.00	166297	18.90	14.97
2	153.00	110514	12.56	5.44

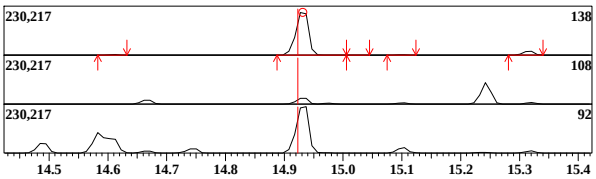




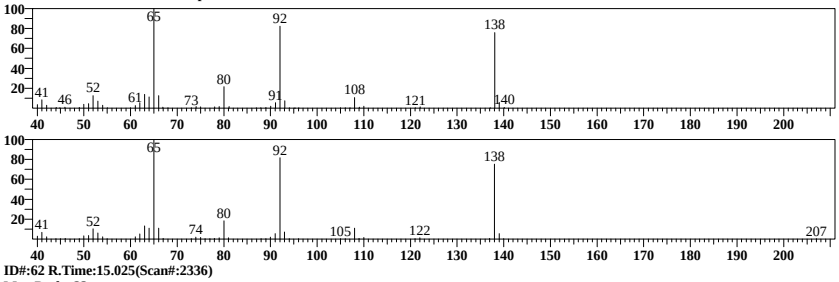
ID#:61 Name:3-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.932 Area:315148 Conc:108.10590ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	108.00	22604	14.17	16.00
2	92.00	173287	108.61	101.00



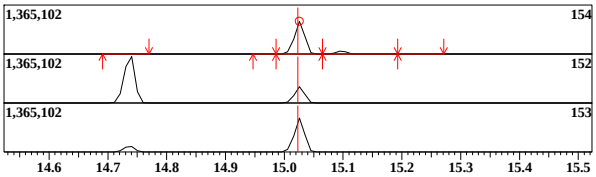
ID#:62 Name:Acenaphthene Type:Target No Manual Integration



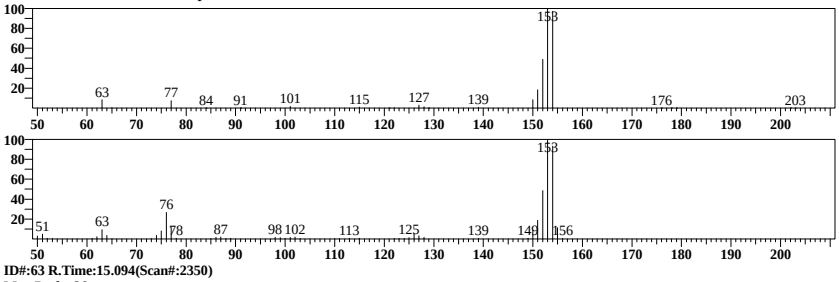
ID#:62 R.Time:15.025(Scan#:2336)
MassPeaks:23
RawMode:Averaged 15.016-15.035(2334-2338)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM

Mass:154.00 R.T:15.026 Area:1129576 Conc:100.13175ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	152.00	301801	50.18	59.49
2	153.00	618687	102.86	105.06



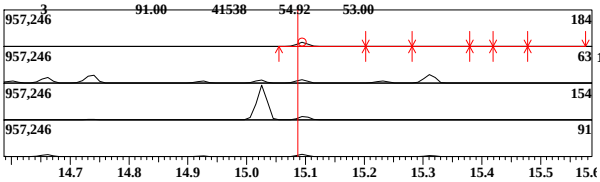
ID#:63 Name:2,4-Dinitrophenol Type:Target No Manual Integration



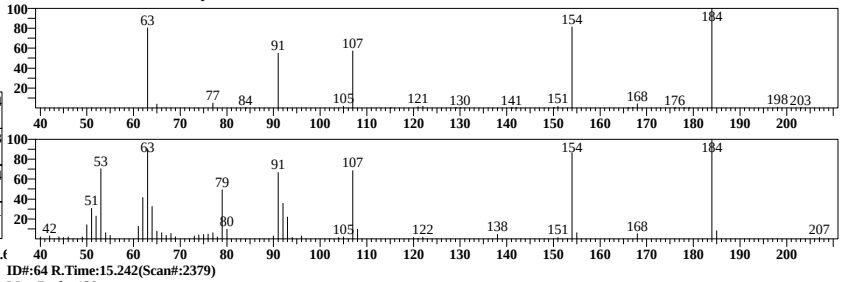
ID#:63 R.Time:15.094(Scan#:2350)
MassPeaks:26
RawMode:Averaged 15.085-15.104(2348-2352)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM

Mass:184.00 R.T:15.095 Area:150126 Conc:101.48572ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	63.00	60714	80.28	90.00
2	154.00	61493	81.31	64.00
3	91.00	41538	54.92	53.00



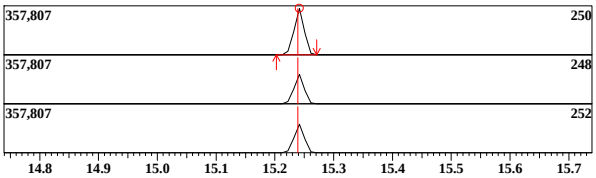
ID#:64 Name:Pentachlorobenzene Type:Target No Manual Integration



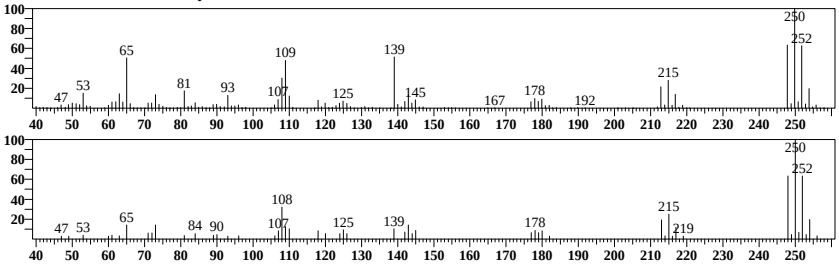
ID#:64 R.Time:15.242(Scan#:2379)
MassPeaks:130
RawMode:Averaged 15.232-15.252(2377-2381)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:250.00 R.T:15.242 Area:415005 Conc:108.46766ppm
Event:1:Scan SI:88

#	m/z	Area	Ratio	Reference
1	248.00	139655	63.27	63.33
2	252.00	138088	62.56	65.87



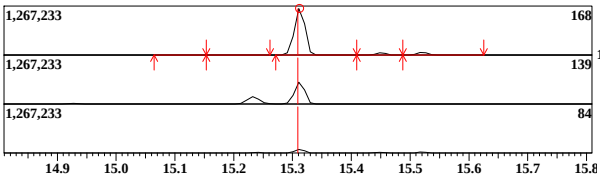
ID#:65 Name:Dibenzofuran Type:Target No Manual Integration



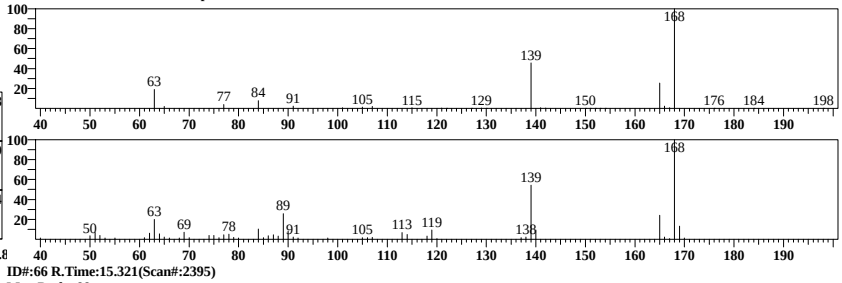
ID#:65 R.Time:15.311(Scan#:2394)
MassPeaks:29
RawMode:Averaged 15.301-15.320(2392-2396)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM

Mass:168.00 R.T:15.312 Area:1576968 Conc:100.80494ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	139.00	382413	45.66	44.93
2	84.00	64328	7.68	10.15



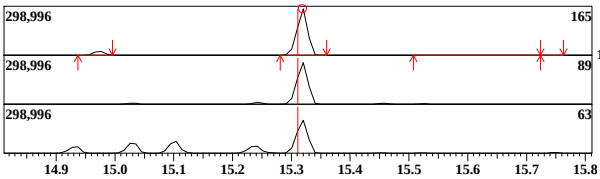
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT) Type:Target No Manual Integration

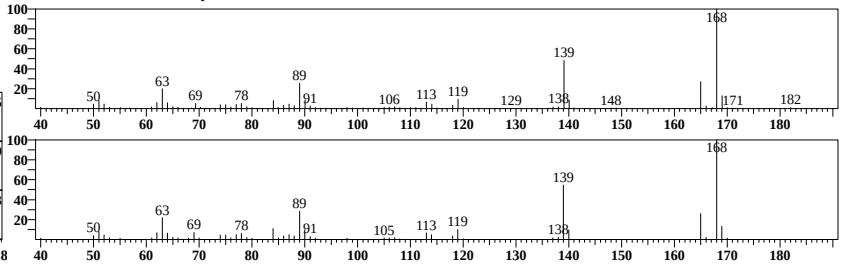


ID#:66 R.Time:15.321(Scan#:2395)
MassPeaks:99
RawMode:Averaged 15.311-15.330(2393-2397)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:165.00 R.T:15.319 Area:357452 Conc:114.03783ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	89.00	173743	93.52	96.00
2	63.00	137814	74.18	80.00

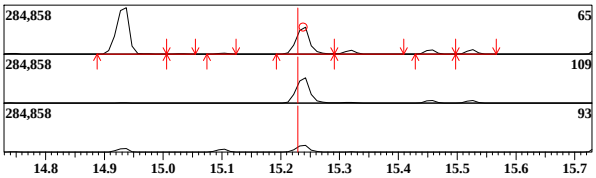




ID#:67 Name:4-Nitrophenol Type:Target No Manual Integration

Mass:65.00 R.T:15.238 Area:257951 Conc:101.11669ppm
Event:1:Scan SI:68

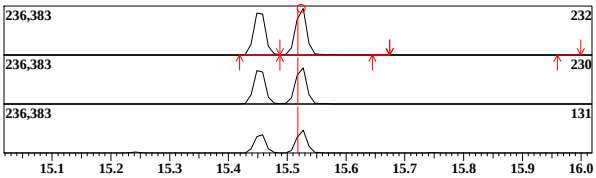
#	m/z	Area	Ratio	Reference
1	109.00	108259	94.97	97.00
2	93.00	28936	25.38	21.72

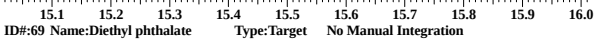


ID#:68 Name:2,3,4,6-Tetrachlorophenol Type:Target No Manual Integration

Mass:232.00 R.T:15.524 Area:304781 Conc:113.00175ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	230.00	118020	79.09	75.09
2	131.00	72123	48.34	41.75

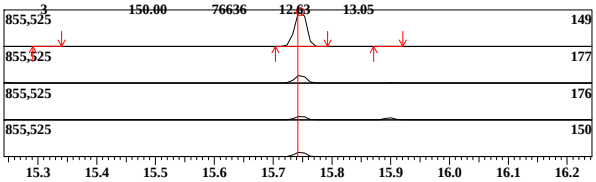


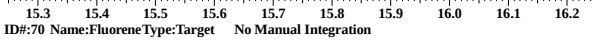


ID#:69 Name:Diethyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:15.746 Area:1174903 Conc:106.44654ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	177.00	126915	20.92	23.56
2	176.00	60614	9.99	10.95
3	150.00	76636	12.63	13.05

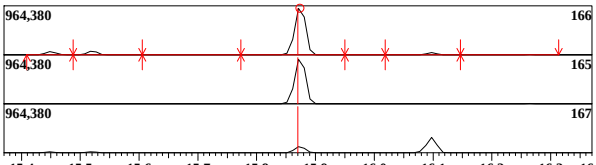


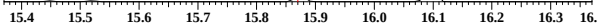


ID#:70 Name:FluoreneType:Target No Manual Integration

Mass:166.00 R.T:15.874 Area:1249176 Conc:101.83347ppm
Event:2:SIM SI:96

#	m/z	Area	Ratio	Reference
1	165.00	628620	95.79	75.42
2	167.00	88021	13.41	3.39

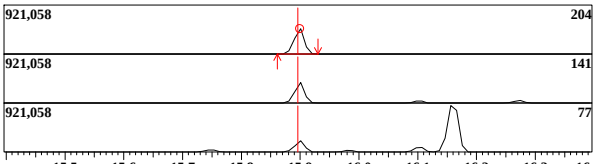




ID#:71 Name:4-Chlorophenyl phenyl ether Type:Target No Manual Integration

Mass:204.00 R.T:15.899 Area:585140 Conc:107.15073ppm
Event:1:Scan SI:72

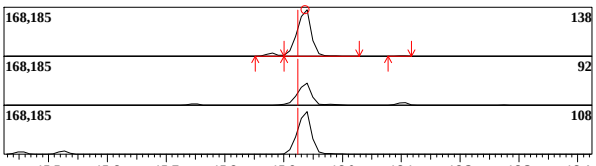
#	m/z	Area	Ratio	Reference
1	141.00	243425	79.31	98.00
2	77.00	133952	43.64	53.19

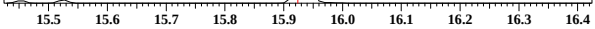


ID#:72 Name:4-Nitroaniline Type:Target No Manual Integration

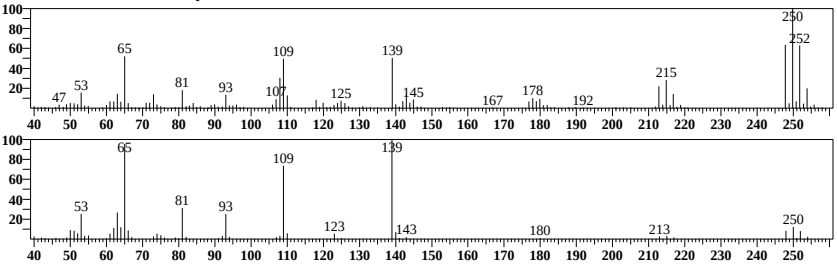
Mass:138.00 R.T:15.937 Area:268344 Conc:98.89571ppm
Event:1:Scan SI:52

#	m/z	Area	Ratio	Reference
1	92.00	52670	46.15	64.55
2	108.00	106863	93.64	83.01

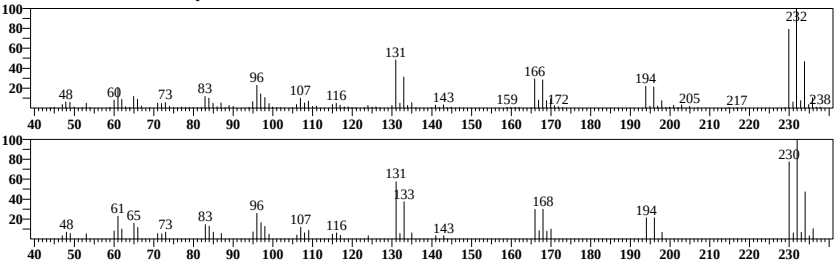




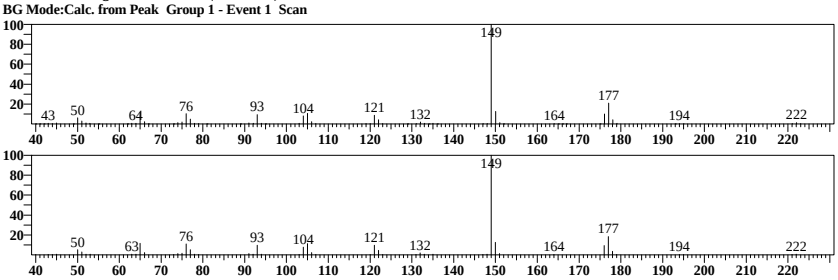
ID#:67 R.Time:15.242(Scan#:2379)
MassPeaks:125
RawMode:Averaged 15.232-15.252(2377-2381)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



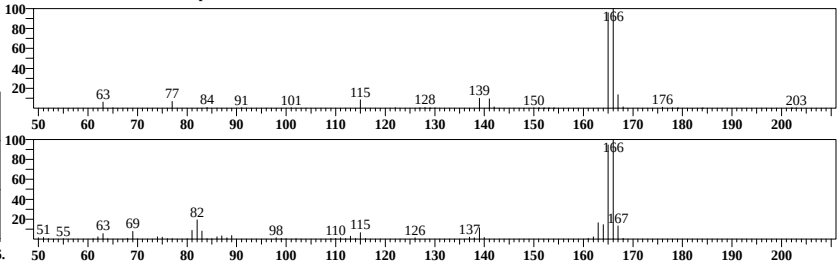
ID#:68 R.Time:15.527(Scan#:2437)
MassPeaks:118
RawMode:Averaged 15.517-15.537(2435-2439)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



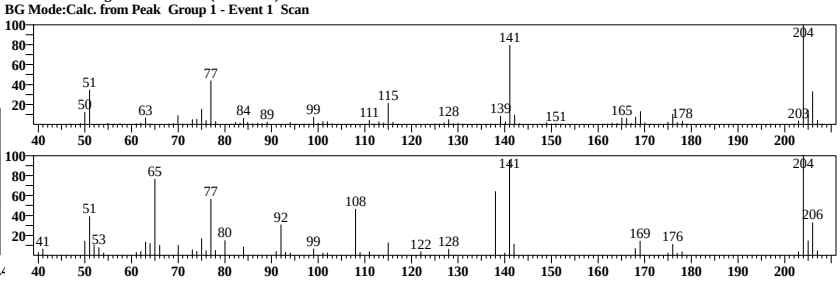
ID#:69 R.Time:15.743(Scan#:2481)
MassPeaks:70
RawMode:Averaged 15.733-15.753(2479-2483)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



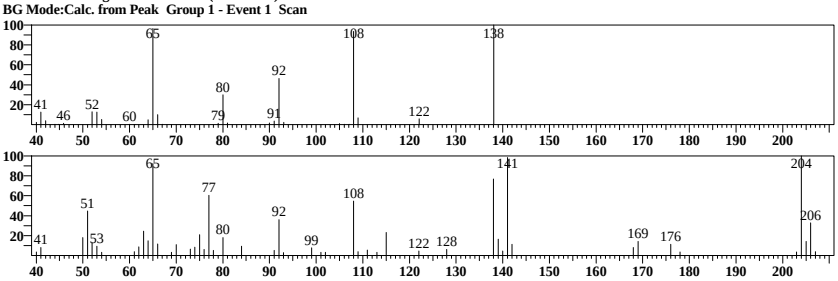
ID#:70 R.Time:15.871(Scan#:2508)
MassPeaks:30
RawMode:Averaged 15.861-15.881(2506-2510)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



ID#:71 R.Time:15.901(Scan#:2513)
MassPeaks:92
RawMode:Averaged 15.891-15.911(2511-2515)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



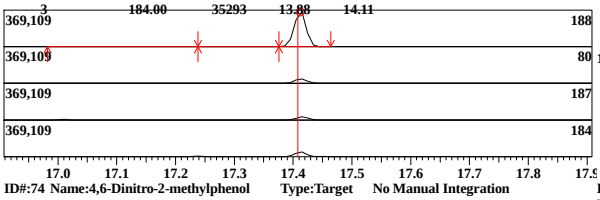
ID#:72 R.Time:15.940(Scan#:2521)
MassPeaks:29
RawMode:Averaged 15.930-15.950(2519-2523)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:73 Name:Phenanthrene-d10 (IS) Type:ISTD No Manual Integration

Mass:188.00 R.T:17.412 Area:509599 Conc:40.00000ppm
Event:1:Scan SI:97

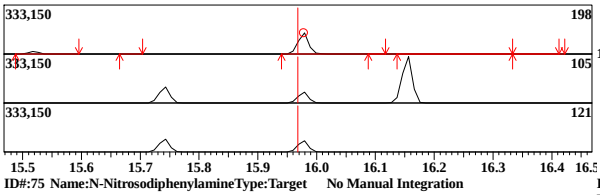
#	m/z	Area	Ratio	Reference
1	80.00	32861	12.93	15.93
2	187.00	24126	9.49	10.00
3	184.00	35293	13.88	14.11



ID#:74 Name:4,6-Dinitro-2-methylphenol Type:Target No Manual Integration

Mass:198.00 R.T:15.978 Area:190597 Conc:100.80183ppm
Event:2:SIM SI:84

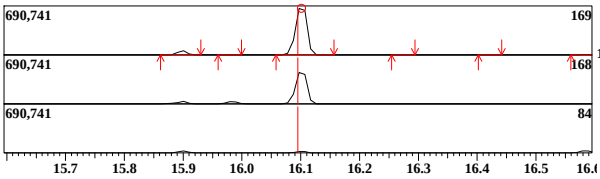
#	m/z	Area	Ratio	Reference
1	105.00	48626	51.53	55.83
2	121.00	51437	54.51	44.01



ID#:75 Name:N-NitrosodiphenylamineType:Target No Manual Integration

Mass:169.00 R.T:16.102 Area:948540 Conc:107.58954ppm
Event:1:Scan SI:91

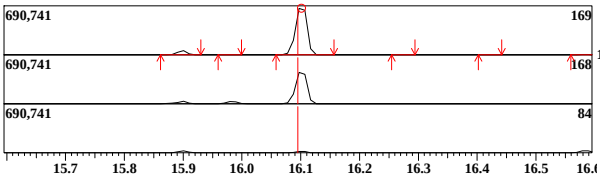
#	m/z	Area	Ratio	Reference
1	168.00	335022	67.37	64.38
2	84.00	15644	3.15	2.92



ID#:76 Name:Diphenylamine Type:Target No Manual Integration

Mass:169.00 R.T:16.102 Area:948540 Conc:107.58954ppm
Event:1:Scan SI:91

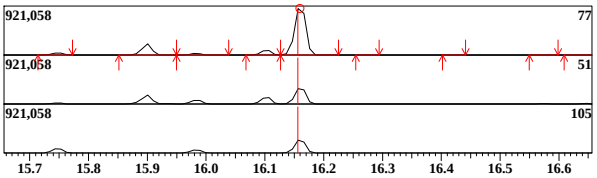
#	m/z	Area	Ratio	Reference
1	168.00	335022	67.37	64.38
2	84.00	15644	3.15	2.92



ID#:77 Name:1,2-Diphenylhydrazine Type:Target No Manual Integration

Mass:77.00 R.T:16.160 Area:1229248 Conc:104.13499ppm
Event:1:Scan SI:95

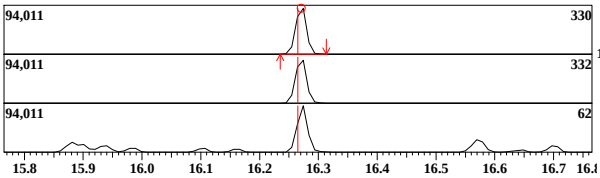
#	m/z	Area	Ratio	Reference
1	51.00	215451	33.58	21.73
2	105.00	175395	27.34	6.07



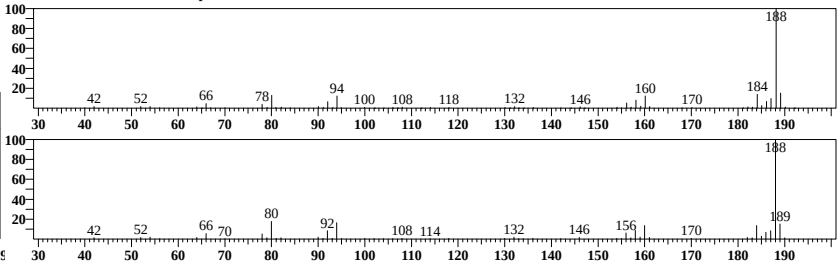
ID#:78 Name:2,4,6-Tribromophenol Type:Surrogate/SMC No Manual Integration

Mass:330.00 R.T:16.271 Area:119032 Conc:99.53495ppm
Event:1:Scan SI:71

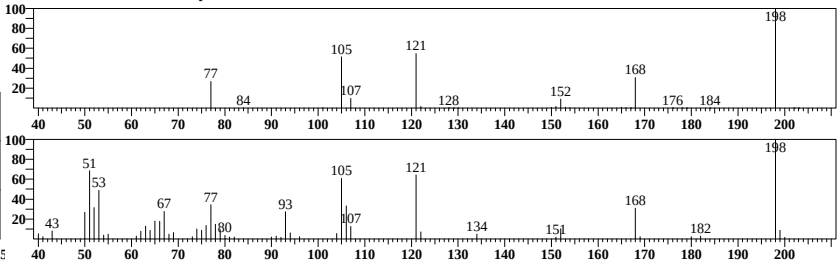
#	m/z	Area	Ratio	Reference
1	332.00	58012	95.29	100.00
2	62.00	58432	95.98	97.00



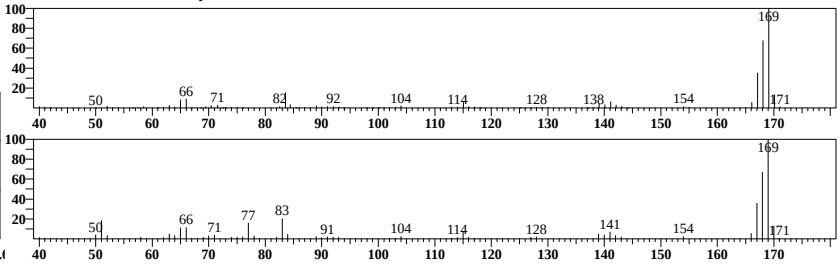
ID#:73 R.Time:17.415(Scan#:2821)
MassPeaks:62
RawMode:Averaged 17.405-17.425(2819-2823)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



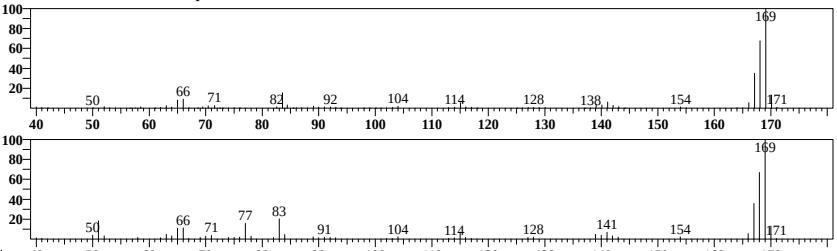
ID#:74 R.Time:15.979(Scan#:2530)
MassPeaks:26
RawMode:Averaged 15.970-15.989(2528-2532)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



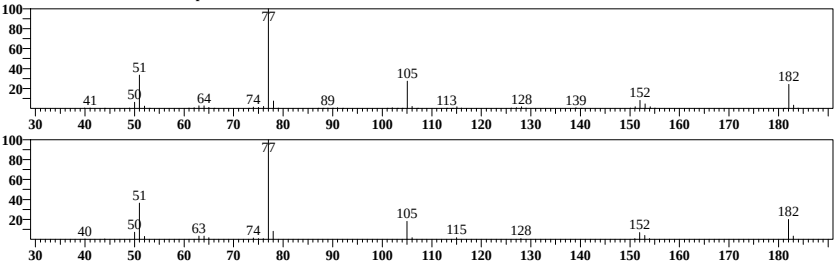
ID#:75 R.Time:16.097(Scan#:2553)
MassPeaks:76
RawMode:Averaged 16.087-16.107(2551-2555)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



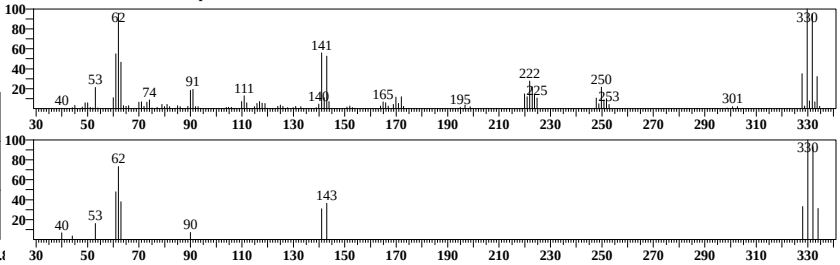
ID#:76 R.Time:16.097(Scan#:2553)
MassPeaks:76
RawMode:Averaged 16.087-16.107(2551-2555)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:77 R.Time:16.156(Scan#:2565)
MassPeaks:54
RawMode:Averaged 16.147-16.166(2563-2567)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



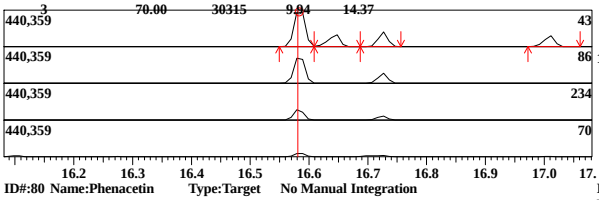
ID#:78 R.Time:16.274(Scan#:2589)
MassPeaks:107
RawMode:Averaged 16.265-16.284(2587-2591)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



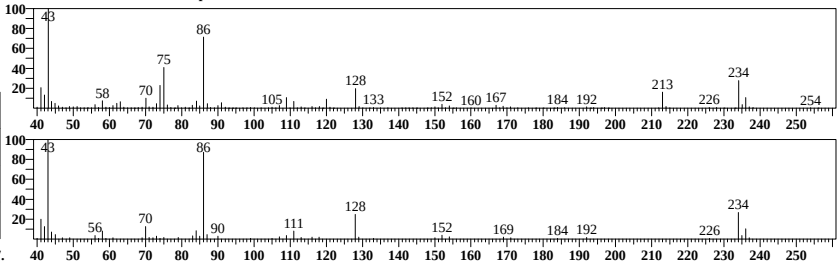
ID#:79 Name:(cis/trans)-Diallate Type:Target No Manual Integration

Mass:43.00 R.T:16.584 Area:601577 Conc:108.01196ppm
Event:1:Scan SI:86

#	m/z	Area	Ratio	Reference
1	86.00	217646	71.37	76.79
2	234.00	84077	27.57	26.39
3	70.00	30315	9.94	14.37



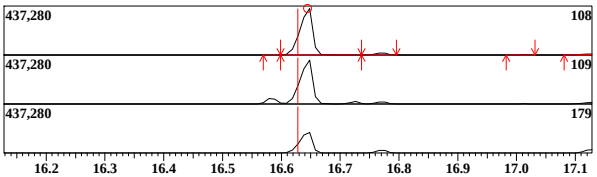
ID#:79 R.Time:16.579(Scan#:2651)
MassPeaks:133
RawMode:Averaged 16.569-16.589(2649-2653)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



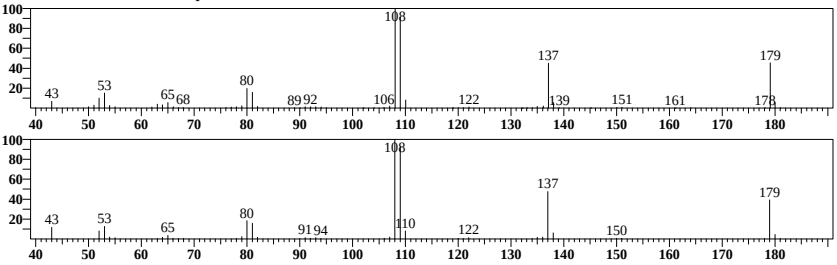
ID#:80 Name:Phenacetin Type:Target No Manual Integration

Mass:108.00 R.T:16.645 Area:633715 Conc:109.51637ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	109.00	250364	91.26	83.01
2	179.00	124299	45.31	44.31



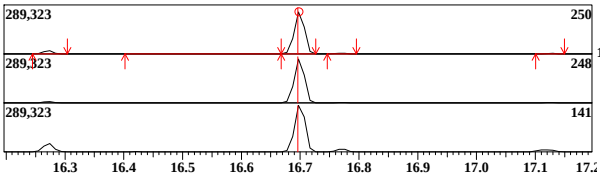
ID#:80 R.Time:16.648(Scan#:2665)
MassPeaks:57
RawMode:Averaged 16.638-16.658(2663-2667)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



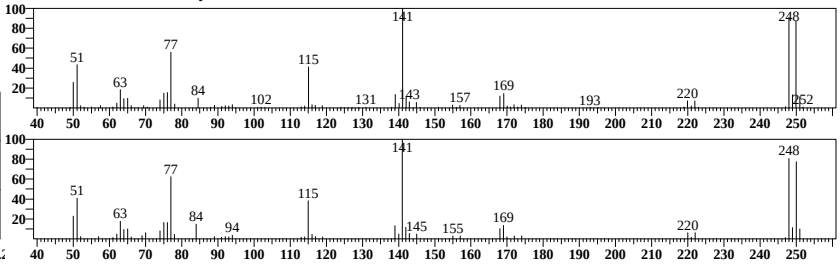
ID#:81 Name:4-Bromophenyl phenyl ether Type:Target No Manual Integration

Mass:250.00 R.T:16.698 Area:309440 Conc:105.75315ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	248.00	173547	104.33	105.86
2	141.00	190934	114.79	137.00



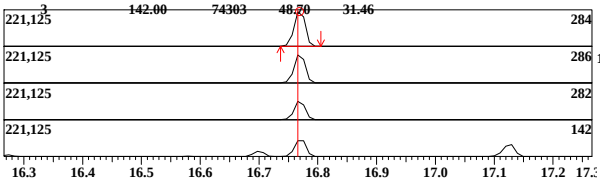
ID#:81 R.Time:16.697(Scan#:2675)
MassPeaks:79
RawMode:Averaged 16.687-16.707(2673-2677)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



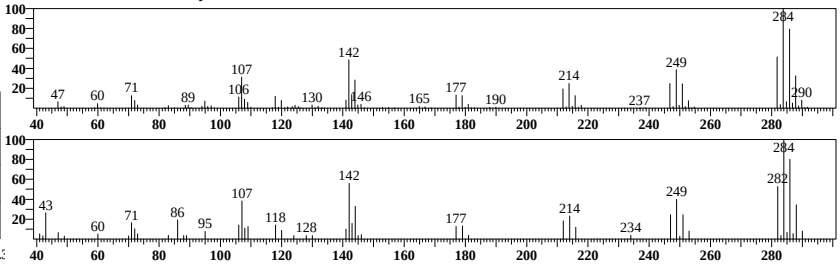
ID#:82 Name:Hexachlorobenzene Type:Target No Manual Integration

Mass:284.00 R.T:16.769 Area:290894 Conc:109.06632ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	286.00	121252	79.47	79.72
2	282.00	78579	51.50	51.93
3	142.00	74303	48.70	31.46



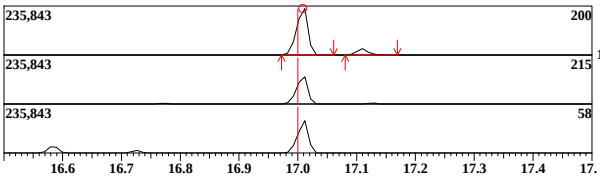
ID#:82 R.Time:16.766(Scan#:2689)
MassPeaks:91
RawMode:Averaged 16.756-16.776(2687-2691)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



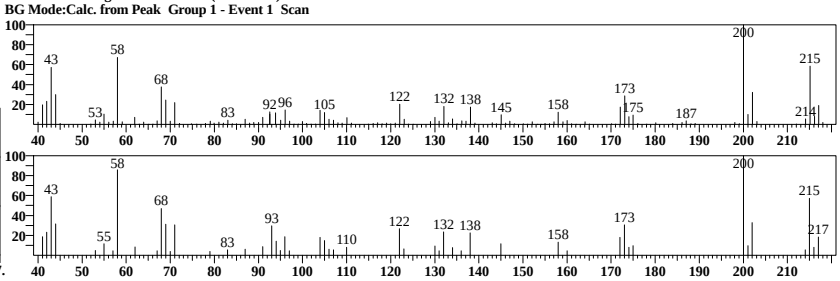
ID#:83 Name:Atrazine Type:Target No Manual Integration

Mass:200.00 R.T:17.009 Area:310112 Conc:105.17684ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	215.00	87764	58.53	59.43
2	58.00	100828	67.25	64.00



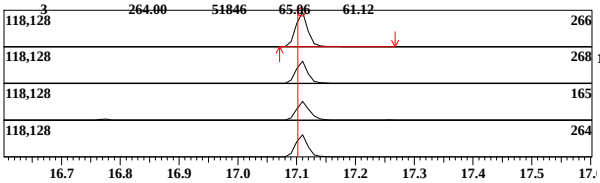
ID#:83 R.Time:17.012(Scan#:2739)
MassPeaks:129
RawMode:Averaged 17.002-17.022(2737-2741)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



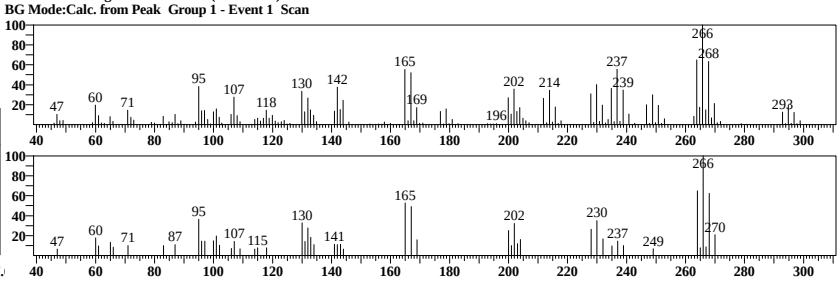
ID#:84 Name:Pentachlorophenol Type:Target No Manual Integration

Mass:266.00 R.T:17.109 Area:166728 Conc:100.00251ppm
Event:1:Scan SI:81

#	m/z	Area	Ratio	Reference
1	268.00	50555	63.44	59.97
2	165.00	44162	55.42	41.42
3	264.00	51846	65.06	61.12



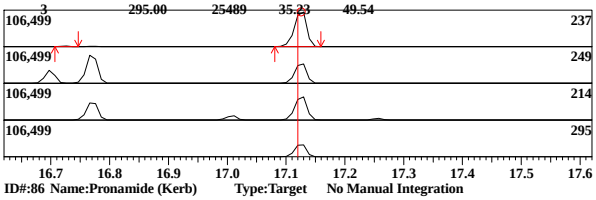
ID#:84 R.Time:17.110(Scan#:2759)
MassPeaks:147
RawMode:Averaged 17.100-17.120(2757-2761)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



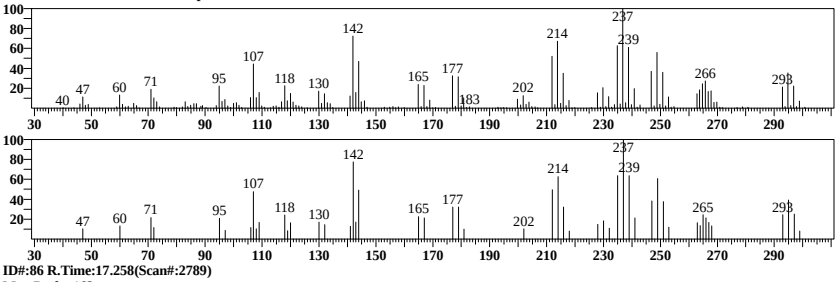
ID#:85 Name:Pentachloronitrobenzene Type:Target No Manual Integration

Mass:237.00 R.T:17.126 Area:153665 Conc:110.35073ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	249.00	40386	55.83	68.26
2	214.00	48687	67.30	62.54
3	295.00	25489	35.23	49.54



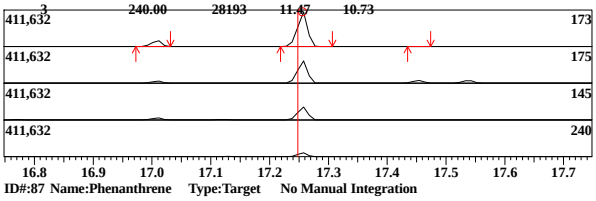
ID#:85 R.Time:17.130(Scan#:2763)
MassPeaks:160
RawMode:Averaged 17.120-17.140(2761-2765)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



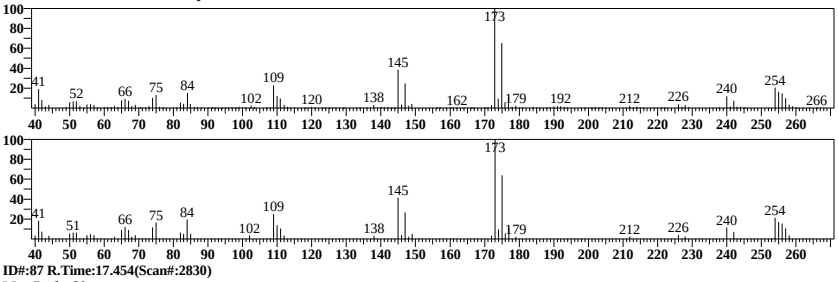
ID#:86 Name:Pronamide (Kerb) Type:Target No Manual Integration

Mass:173.00 R.T:17.256 Area:471541 Conc:109.34930ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	175.00	159695	64.95	60.85
2	145.00	93741	38.13	30.82
3	240.00	28193	11.47	10.73



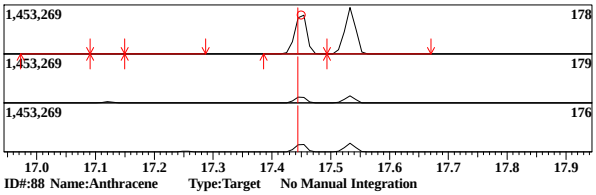
ID#:86 R.Time:17.258(Scan#:2789)
MassPeaks:162
RawMode:Averaged 17.248-17.267(2787-2791)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



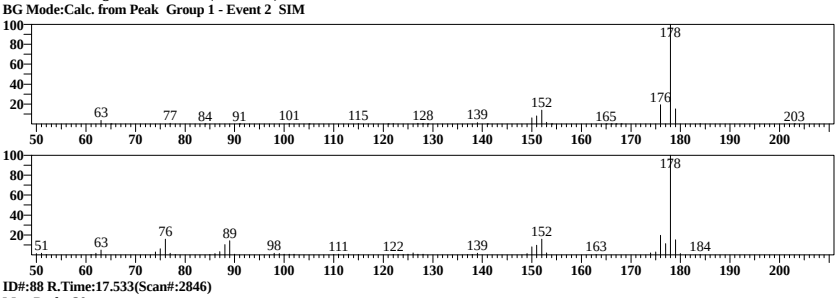
ID#:87 Name:Phenanthrene Type:Target No Manual Integration

Mass:178.00 R.T:17.450 Area:1705473 Conc:99.51030ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	179.00	123219	14.99	15.63
2	176.00	157767	19.19	18.75



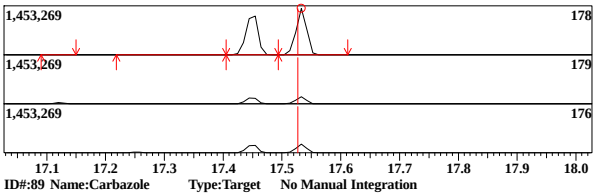
ID#:87 R.Time:17.454(Scan#:2830)
MassPeaks:29
RawMode:Averaged 17.445-17.464(2828-2832)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



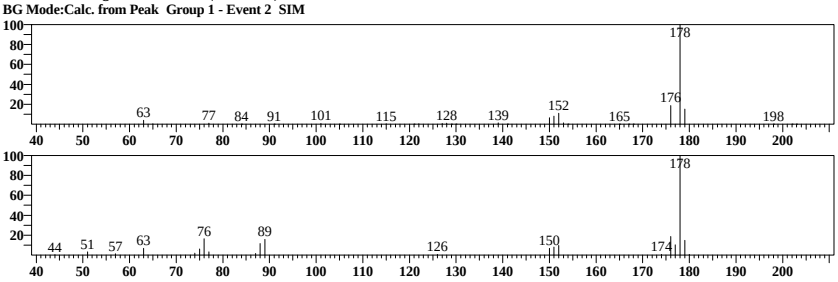
ID#:88 Name:Anthracene Type:Target No Manual Integration

Mass:178.00 R.T:17.533 Area:1756142 Conc:99.47529ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	179.00	140343	15.20	12.08
2	176.00	172457	18.67	20.60



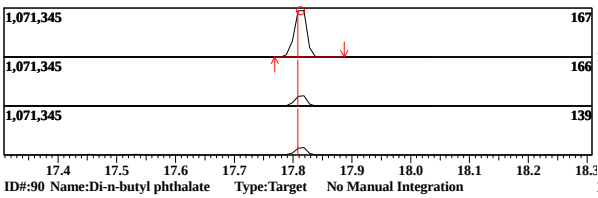
ID#:88 R.Time:17.533(Scan#:2846)
MassPeaks:30
RawMode:Averaged 17.523-17.543(2844-2848)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



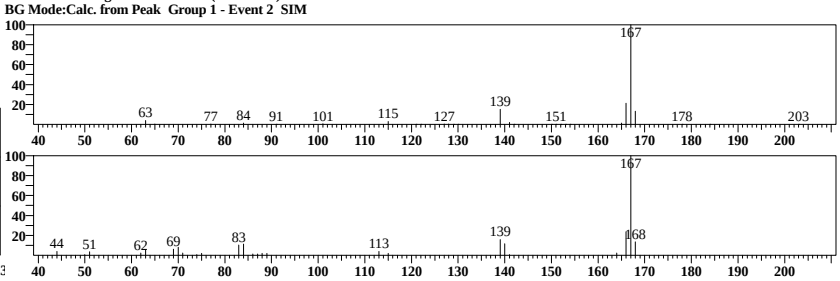
ID#:89 Name:Carbazole Type:Target No Manual Integration

Mass:167.00 R.T:17.813 Area:1573805 Conc:100.16280ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	166.00	169183	21.28	20.96
2	139.00	120316	15.14	12.92



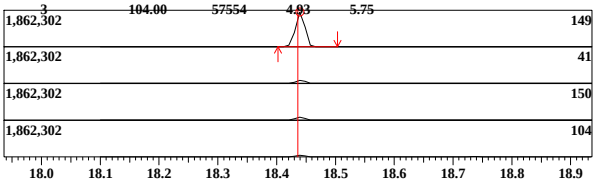
ID#:89 R.Time:17.808(Scan#:2902)
MassPeaks:28
RawMode:Averaged 17.799-17.818(2900-2904)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



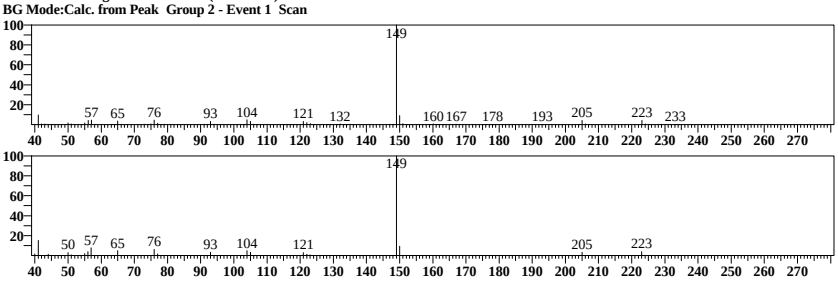
ID#:90 Name:Di-n-butyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:18.440 Area:2032720 Conc:109.69976ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	41.00	112674	9.66	10.41
2	150.00	105278	9.03	8.84
3	104.00	57554	4.93	5.75



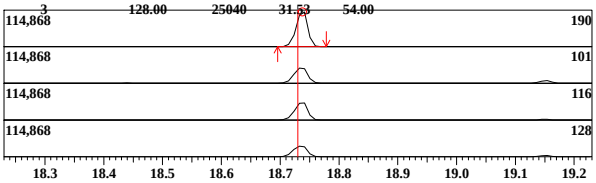
ID#:90 R.Time:18.439(Scan#:3023)
MassPeaks:84
RawMode:Averaged 18.430-18.448(3021-3025)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



ID#:91 Name:4-Nitroquinoline-N-Oxide Type:Target No Manual Integration

Mass:190.00 R.T:18.738 Area:157643 Conc:99.94890ppm
Event:1:Scan SI:94

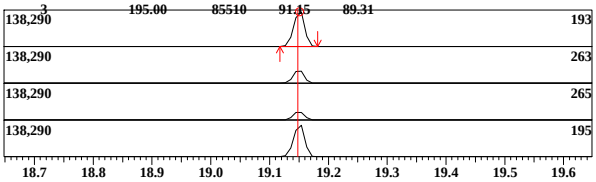
#	m/z	Area	Ratio	Reference
1	101.00	36203	45.59	71.00
2	116.00	40701	51.25	70.00
3	128.00	25040	31.53	54.00



ID#:92 Name:Isodrin Type:Target No Manual Integration

Mass:193.00 R.T:19.151 Area:178428 Conc:106.39856ppm
Event:1:Scan SI:96

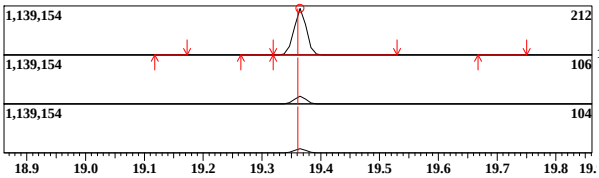
#	m/z	Area	Ratio	Reference
1	263.00	34286	36.55	42.74
2	265.00	21586	23.01	29.49
3	195.00	85510	91.15	89.31



ID#:93 Name:Fluoranthene-d10 Type:Target No Manual Integration

Mass:212.00 R.T:19.365 Area:1608346 Conc:101.76672ppm
Event:2:SIM SI:97

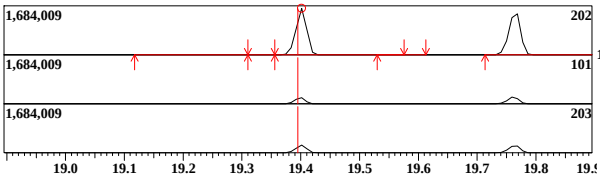
#	m/z	Area	Ratio	Reference
1	106.00	137826	16.71	22.08
2	104.00	74837	9.07	12.34



ID#:94 Name:Fluoranthene Type:Target No Manual Integration

Mass:202.00 R.T:19.401 Area:2056621 Conc:98.85058ppm
Event:2:SIM SI:97

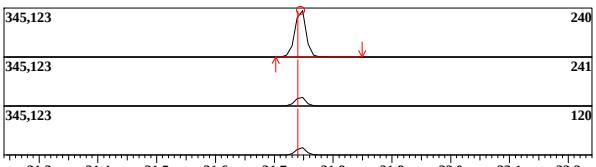
#	m/z	Area	Ratio	Reference
1	101.00	148129	13.27	14.12
2	203.00	186812	16.74	6.47



ID#:95 Name:Chrysene-d12 (IS) Type:ISTD No Manual Integration

Mass:240.00 R.T:21.745 Area:453364 Conc:40.00000ppm
Event:1:Scan SI:85

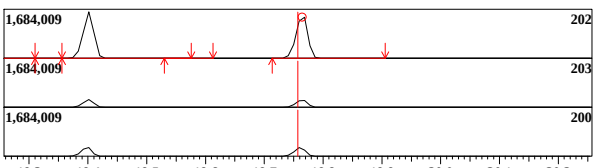
#	m/z	Area	Ratio	Reference
1	241.00	43921	18.84	19.13
2	120.00	35960	15.42	14.79



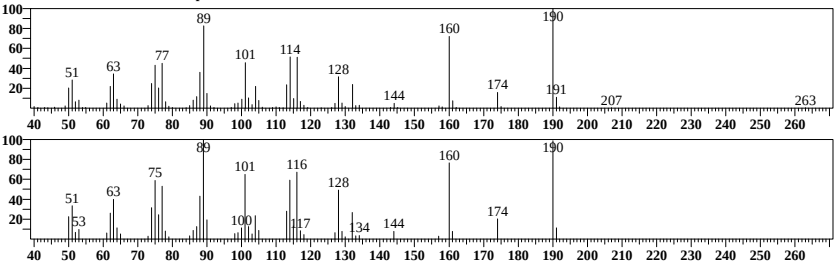
ID#:96 Name:Pyrene Type:Target No Manual Integration

Mass:202.00 R.T:19.765 Area:2064166 Conc:96.93470ppm
Event:2:SIM SI:93

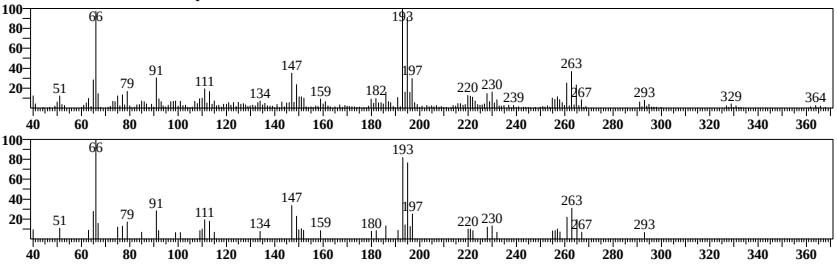
#	m/z	Area	Ratio	Reference
1	203.00	175033	16.82	18.13
2	200.00	186252	17.89	4.68



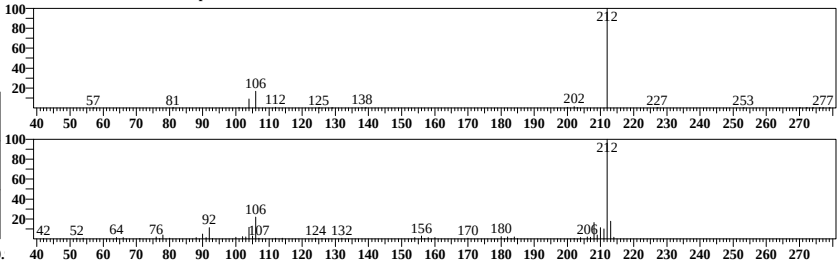
ID#:91 R.Time:18.742(Scan#:3089)
MassPeaks:80
RawMode:Averaged 18.733-18.751(3087-3091)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



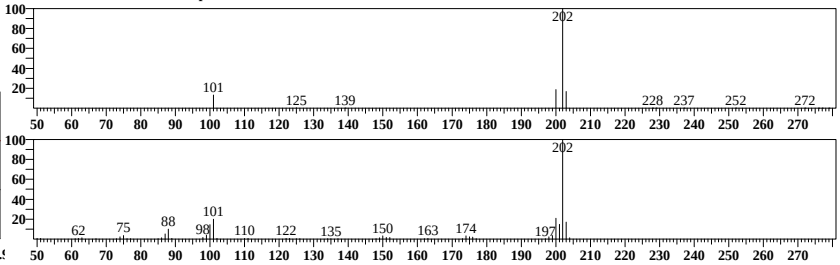
ID#:92 R.Time:19.154(Scan#:3179)
MassPeaks:229
RawMode:Averaged 19.145-19.163(3177-3181)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



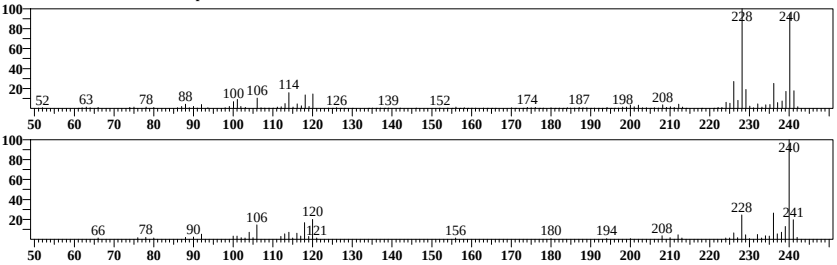
ID#:93 R.Time:19.365(Scan#:3226)
MassPeaks:22
RawMode:Averaged 19.356-19.374(3224-3228)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



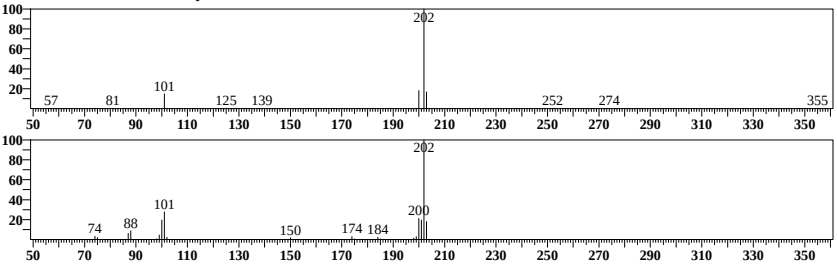
ID#:94 R.Time:19.402(Scan#:3234)
MassPeaks:14
RawMode:Averaged 19.392-19.411(3232-3236)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



ID#:95 R.Time:21.748(Scan#:3745)
MassPeaks:133
RawMode:Averaged 21.739-21.758(3743-3747)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



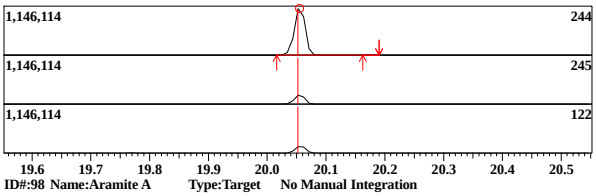
ID#:96 R.Time:19.768(Scan#:3314)
MassPeaks:17
RawMode:Averaged 19.759-19.778(3312-3316)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



ID#:97 Name:p-Terphenyl-d14Type:Surrogate/SMC No Manual Integration

Mass:244.00 R.T:20.055 Area:1448096 Conc:107.32259ppm
Event:1:Scan SI:83

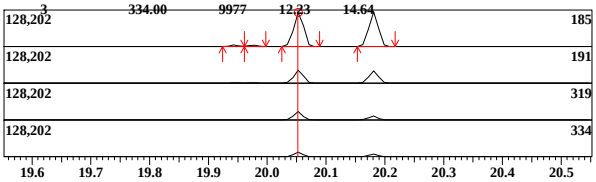
#	m/z	Area	Ratio	Reference
1	245.00	152484	19.18	19.16
2	122.00	115374	14.52	13.22



ID#:98 Name:Aramite A Type:Target No Manual Integration

Mass:185.00 R.T:20.053 Area:142522 Conc:50.25899ppm
Event:1:Scan SI:44

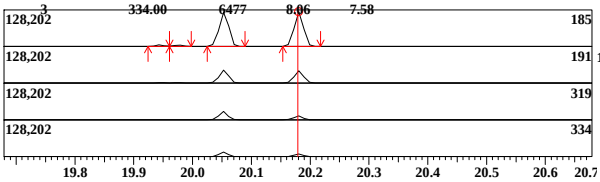
#	m/z	Area	Ratio	Reference
1	191.00	29719	36.44	44.95
2	319.00	18336	22.48	34.11
3	334.00	9977	12.23	14.64



ID#:99 Name:Aramite B Type:Target No Manual Integration

Mass:185.00 R.T:20.181 Area:140307 Conc:51.82894ppm
Event:1:Scan SI:96

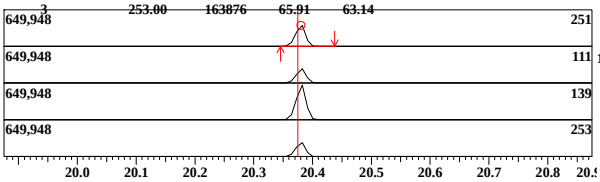
#	m/z	Area	Ratio	Reference
1	191.00	28373	35.33	42.53
2	319.00	9100	11.33	13.52
3	334.00	6477	8.06	7.58



ID#:100 Name:Chlorobenzilate Type:Target No Manual Integration

Mass:251.00 R.T:20.380 Area:459486 Conc:110.19919ppm
Event:1:Scan SI:99

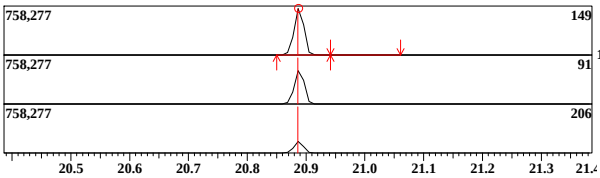
#	m/z	Area	Ratio	Reference
1	111.00	166761	67.07	55.84
2	139.00	403459	162.26	178.00
3	253.00	163876	65.91	63.14



ID#:101 Name:Butyl benzyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:20.888 Area:865020 Conc:107.15261ppm
Event:1:Scan SI:88

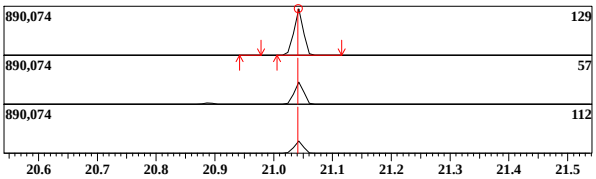
#	m/z	Area	Ratio	Reference
1	91.00	355706	72.65	92.95
2	206.00	117652	24.03	26.43



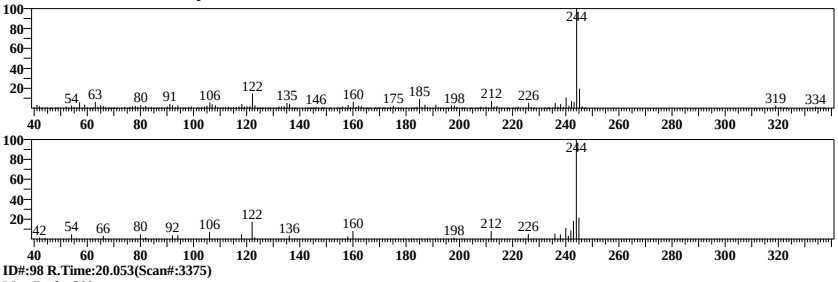
ID#:102 Name:Di(2-ethylhexyl) adipate Type:Target No Manual Integration

Mass:129.00 R.T:21.042 Area:942633 Conc:108.44076ppm
Event:1:Scan SI:98

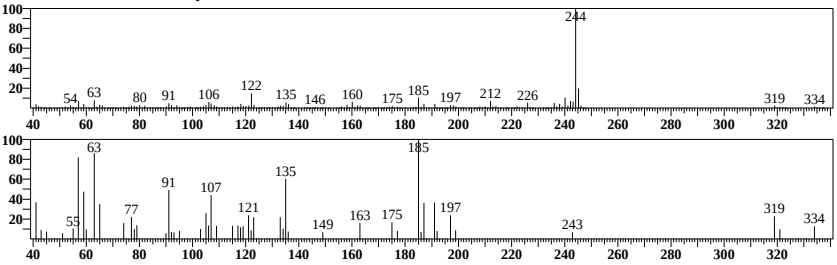
#	m/z	Area	Ratio	Reference
1	57.00	264846	49.17	40.00
2	112.00	141326	26.24	27.60



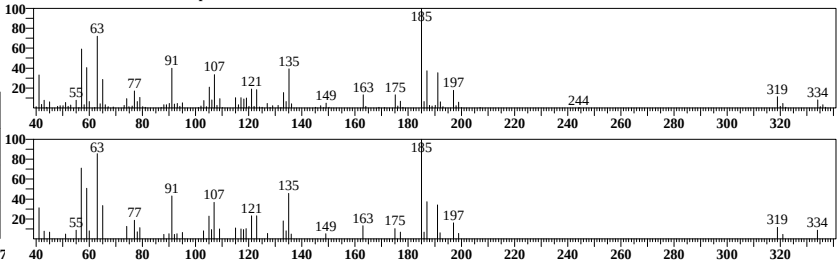
ID#:97 R.Time:20.053(Scan#:3375)
MassPeaks:200
RawMode:Averaged 20.043-20.062(3373-3377)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



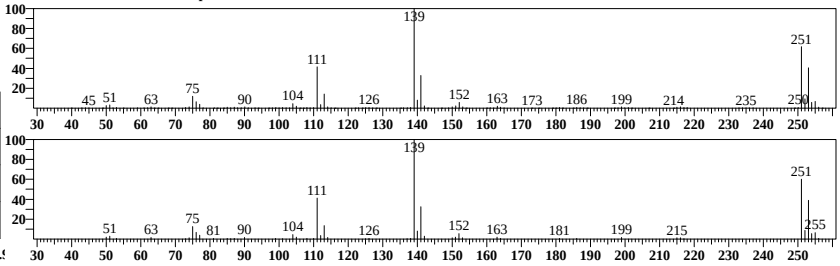
ID#:98 R.Time:20.053(Scan#:3375)
MassPeaks:200
RawMode:Averaged 20.043-20.062(3373-3377)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



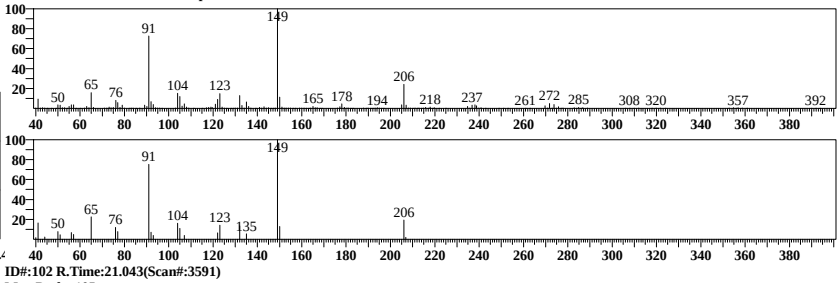
ID#:99 R.Time:20.181(Scan#:3403)
MassPeaks:109
RawMode:Averaged 20.172-20.190(3401-3405)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



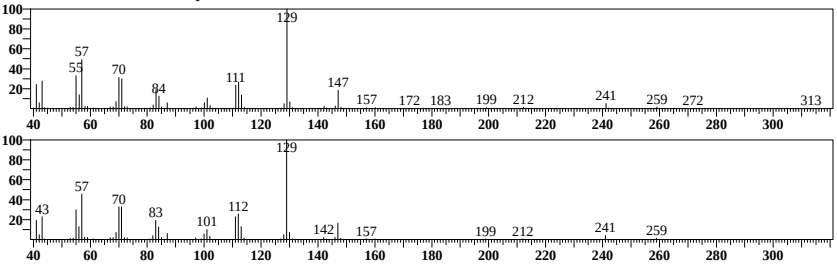
ID#:100 R.Time:20.383(Scan#:3447)
MassPeaks:122
RawMode:Averaged 20.373-20.392(3445-3449)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



ID#:101 R.Time:20.887(Scan#:3557)
MassPeaks:186
RawMode:Averaged 20.878-20.896(3555-3559)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



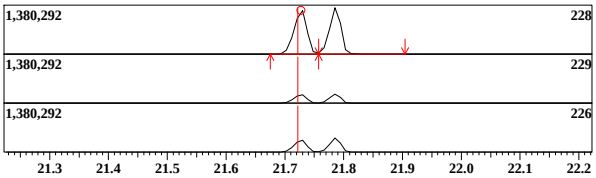
ID#:102 R.Time:21.043(Scan#:3591)
MassPeaks:105
RawMode:Averaged 21.033-21.052(3589-3593)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan

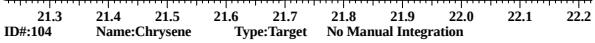


ID#:103 Name:Benzo[a]anthracene Type:Target No Manual Integration

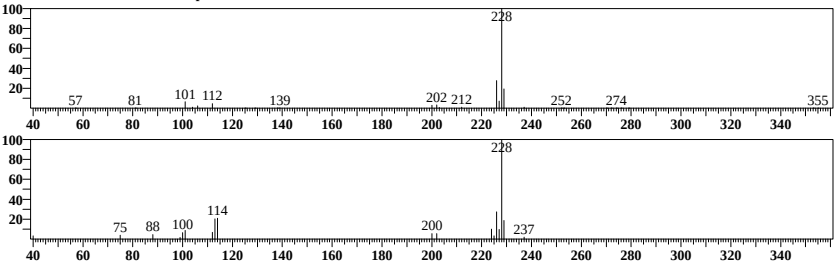
Mass:228.00 R.T:21.728 Area:1925447 Conc:97.58987ppm
Event:2:SIM SI:89

#	m/z	Area	Ratio	Reference
1	229.00	176720	19.30	27.13
2	226.00	252085	27.53	24.70





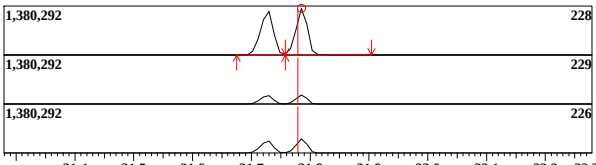
ID#:103 R.Time:21.730(Scan#:3742)
MassPeaks:28
RawMode:Averaged 21.721-21.739(3740-3744)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM

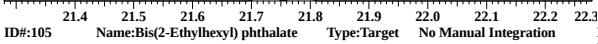


ID#:104 Name:Chrysene Type:Target No Manual Integration

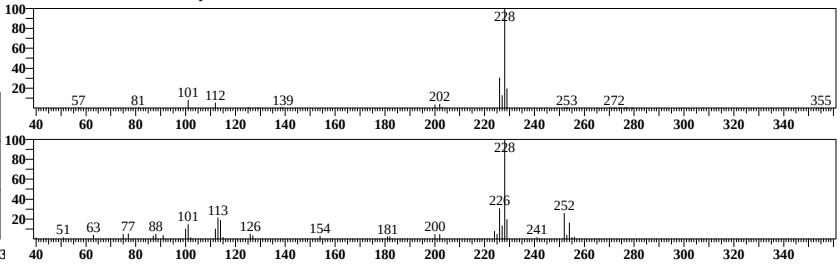
Mass:228.00 R.T:21.786 Area:1795224 Conc:93.70690ppm
Event:2:SIM SI:81

#	m/z	Area	Ratio	Reference
1	229.00	182531	19.40	27.13
2	226.00	285627	30.35	24.70





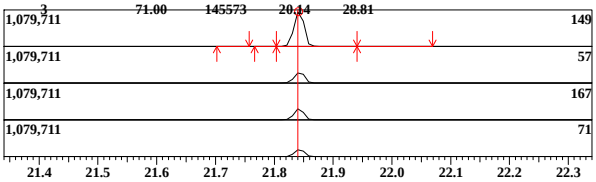
ID#:104 R.Time:21.785(Scan#:3754)
MassPeaks:25
RawMode:Averaged 21.776-21.794(3752-3756)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM

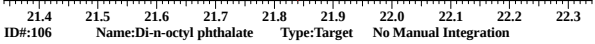


ID#:105 Name:Bis(2-Ethylhexyl) phthalate Type:Target No Manual Integration

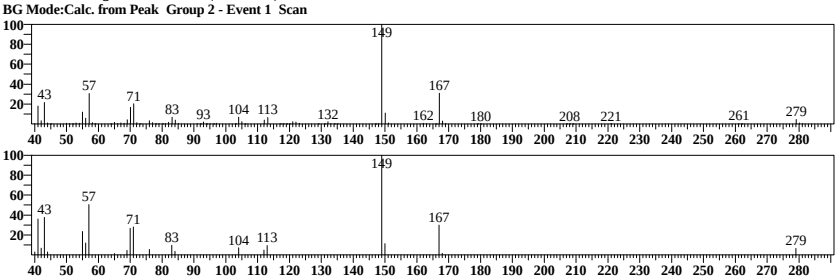
Mass:149.00 R.T:21.842 Area:1280686 Conc:108.12427ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	57.00	220858	30.55	45.69
2	167.00	222838	30.82	32.70
3	71.00	145573	20.14	28.81





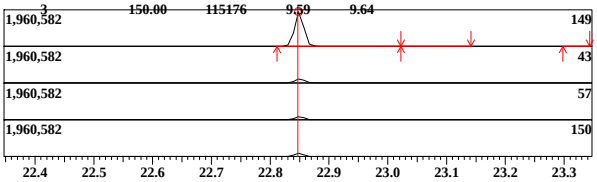
ID#:105 R.Time:21.840(Scan#:3765)
MassPeaks:84
RawMode:Averaged 21.831-21.849(3763-3767)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan

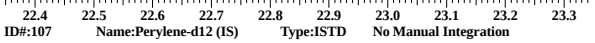


ID#:106 Name:Di-n-octyl phthalate Type:Target No Manual Integration

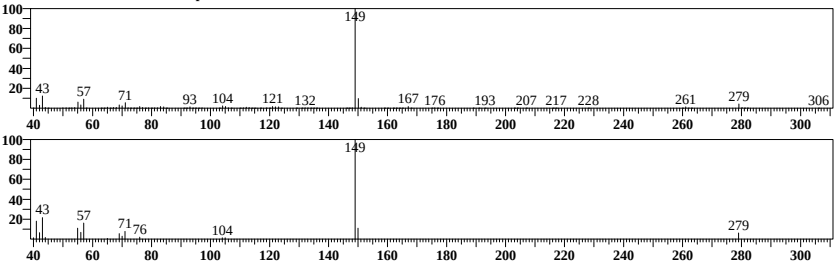
Mass:149.00 R.T:22.849 Area:2139197 Conc:108.16824ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	43.00	145028	12.08	13.63
2	57.00	107453	8.95	13.85
3	150.00	115176	9.59	9.64





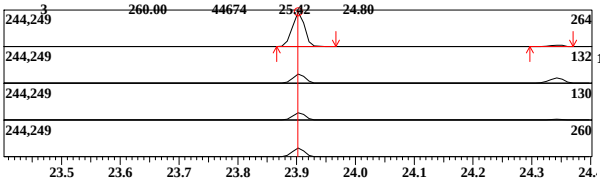
ID#:106 R.Time:22.848(Scan#:3985)
MassPeaks:106
RawMode:Averaged 22.839-22.858(3983-3987)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan

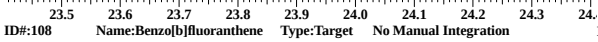


ID#:107 Name:Perylene-d12 (IS) Type:ISTD No Manual Integration

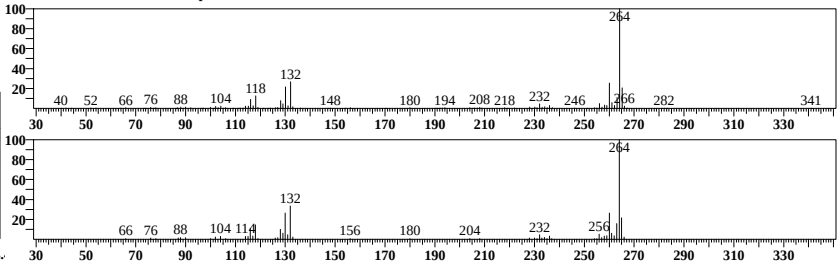
Mass:264.00 R.T:23.903 Area:335978 Conc:40.00000ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	132.00	46745	26.60	20.63
2	130.00	37606	21.40	16.36
3	260.00	44674	25.42	24.80





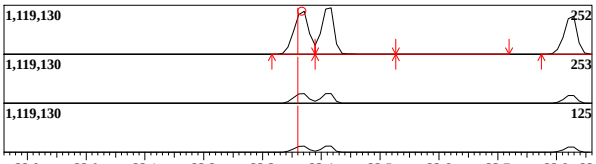
ID#:107 R.Time:23.903(Scan#:4215)
MassPeaks:99
RawMode:Averaged 23.893-23.912(4213-4217)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan

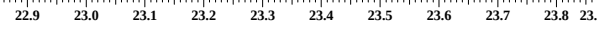


ID#:108 Name:Benzo[b]fluoranthene Type:Target No Manual Integration

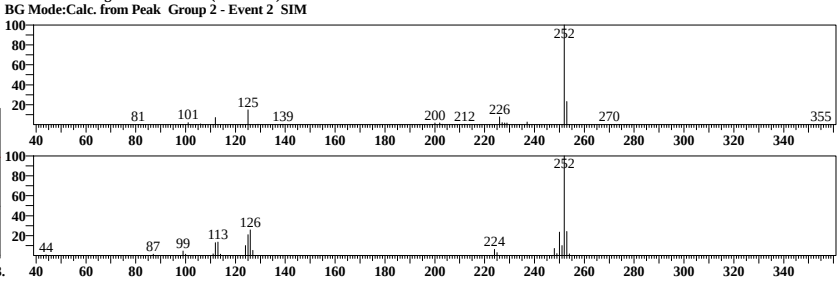
Mass:252.00 R.T:23.367 Area:1803987 Conc:108.43872ppm
Event:2:SIM SI:69

#	m/z	Area	Ratio	Reference
1	253.00	146252	23.23	24.52
2	125.00	93343	14.83	21.64





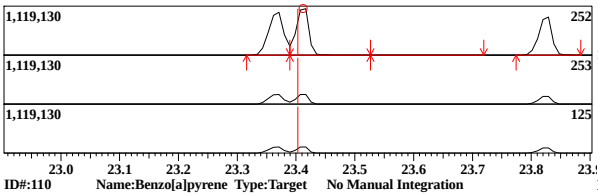
ID#:108 R.Time:23.371(Scan#:4100)
MassPeaks:28
RawMode:Averaged 23.362-23.380(4098-4102)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



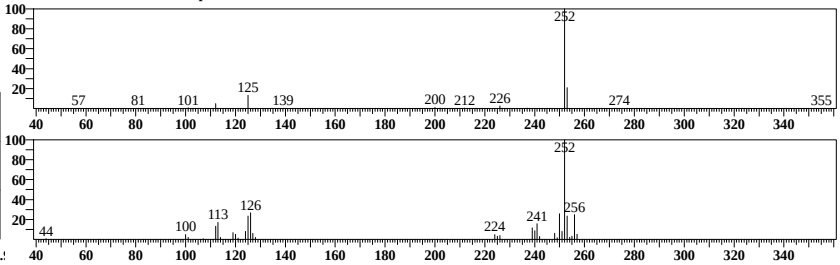
ID#:109 Name:Benzo[k]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.412 Area:1588416 Conc:100.19101ppm
Event:2:SIM SI:78

#	m/z	Area	Ratio	Reference
1	253.00	128126	21.00	24.52
2	125.00	79769	13.07	21.64



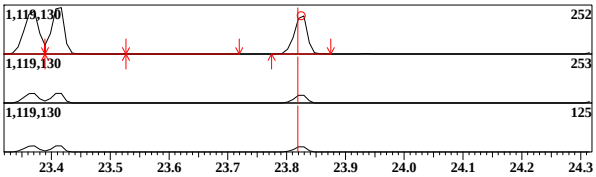
ID#:109 R.Time:23.417(Scan#:4110)
MassPeaks:24
RawMode:Averaged 23.407-23.426(4108-4112)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



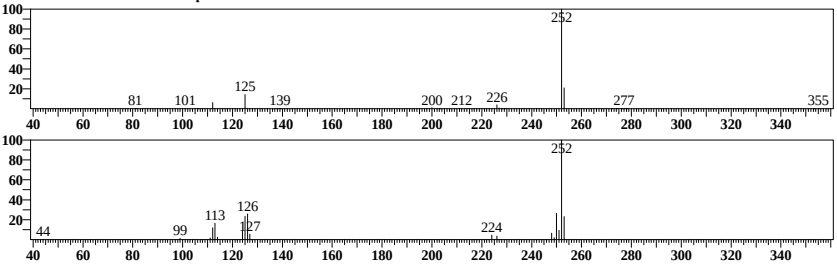
ID#:110 Name:Benzo[a]pyrene Type:Target No Manual Integration

Mass:252.00 R.T:23.825 Area:1363183 Conc:104.82356ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	253.00	135750	20.99	24.52
2	125.00	91407	14.13	21.64

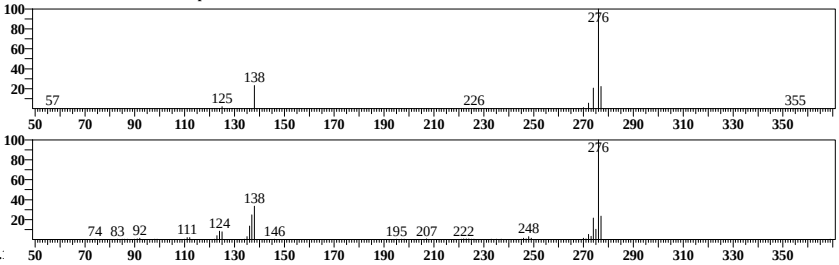


ID#:110 R.Time:23.829(Scan#:4200)
MassPeaks:25
RawMode:Averaged 23.820-23.838(4198-4202)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



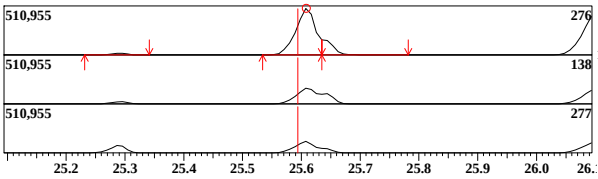
ID#:111 Name:Indeno(1,2,3-cd)pyrene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/1/2022

ID#:111 R.Time:25.608(Scan#:4588)
MassPeaks:11
RawMode:Averaged 25.598-25.617(4586-4590)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



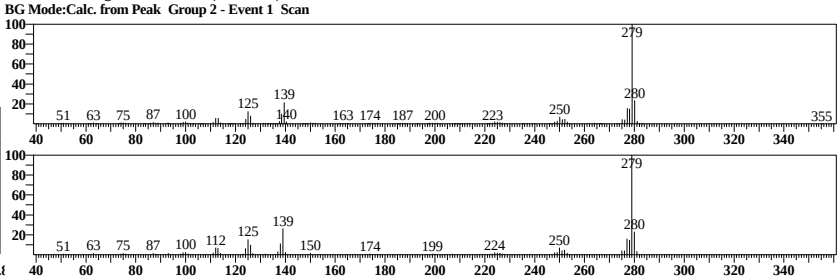
Mass:276.00 R.T:25.609 Area:1160487 Conc:97.73898ppm
Event:2:SIM SI:94

#	m/z	Area	Ratio	Reference
1	138.00	72795	23.26	6.67
2	277.00	69637	22.25	14.17



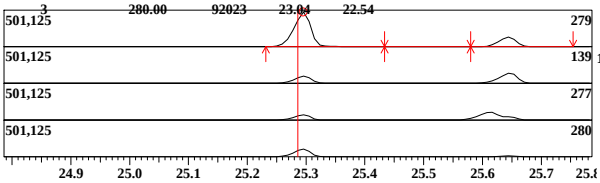
ID#:113 Name:Dibenz(a,j)Acridine Type:Target No Manual Integration

ID#:113 R.Time:25.296(Scan#:4519)
MassPeaks:135
RawMode:Averaged 25.287-25.305(4517-4521)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



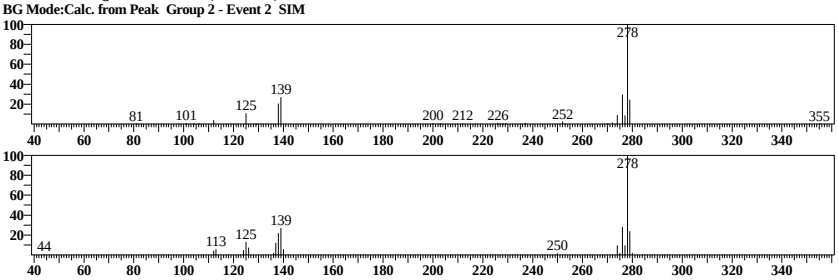
Mass:279.00 R.T:25.295 Area:962791 Conc:112.99210ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	139.00	84161	21.07	9.49
2	277.00	62172	15.57	15.01
3	280.00	92023	23.04	22.54



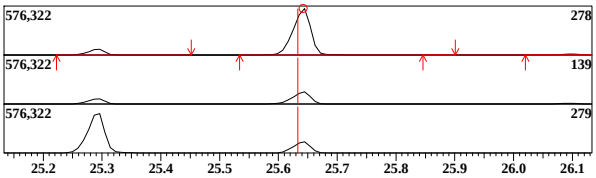
ID#:114 Name:Dibenzo[a,h]anthracene Type:Target No Manual Integration

ID#:114 R.Time:25.644(Scan#:4596)
MassPeaks:28
RawMode:Averaged 25.635-25.653(4594-4598)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



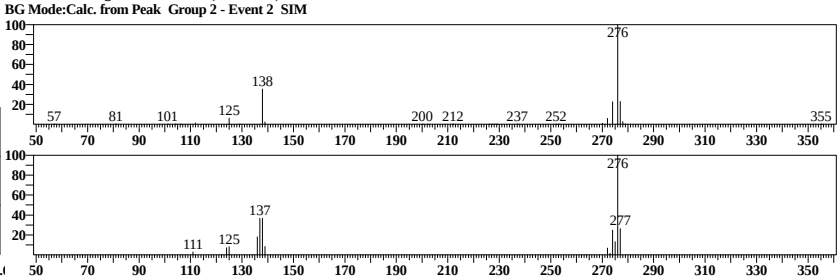
Mass:278.00 R.T:25.642 Area:1172079 Conc:98.10844ppm
Event:2:SIM SI:93

#	m/z	Area	Ratio	Reference
1	139.00	122681	26.60	7.75
2	279.00	111526	24.18	25.58



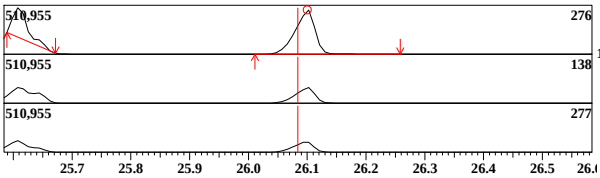
ID#:115 Name:Benzo[g,h,i]perylene Type:Target No Manual Integration

ID#:115 R.Time:26.103(Scan#:4696)
MassPeaks:28
RawMode:Averaged 26.093-26.112(4694-4698)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



Mass:276.00 R.T:26.100 Area:1091648 Conc:106.36659ppm
Event:2:SIM SI:92

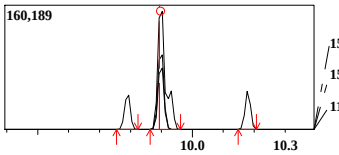
#	m/z	Area	Ratio	Reference
1	138.00	136723	35.40	25.00
2	277.00	88576	22.93	21.09



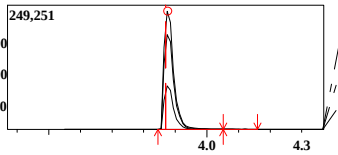
Before Manual Integrations

Analyst: CMN **Instr: J7H** **Trace Number: SVOC-BO45-F14-Y**
Method: 8270C/D/E/625.1 **Batch:**
Sample ID: A ICAL8 **Data File: C:\GCMSsolution\Data\221130H011.qgd**
Date: 11/30/2022 **Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm**
Time: 22:18:20 **Sample Name: A ICAL8**
Dilution: 1

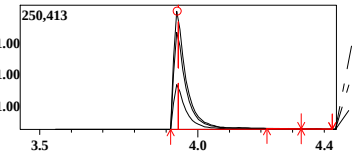
ID#:1 **Name:1,4-Dichlorobenzene-d4 (IS)**
Mass:150.00 **Type:ISTD**
R.T:9.898 **Area:286030** **Conc:40.00000ppm**



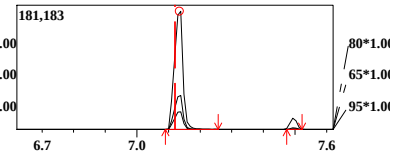
ID#:2 **Name:N-Nitrosodimethylamine**
Mass:74.00 **Type:Target**
R.T:3.877 **Area:514030** **Conc:112.61570ppm**



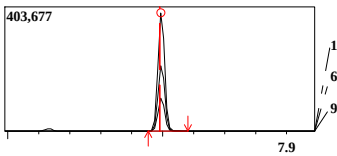
ID#:3 **Name:Pyridine**
Mass:79.00 **Type:Target**
R.T:3.935 **Area:674125** **Conc:98.58916ppm**



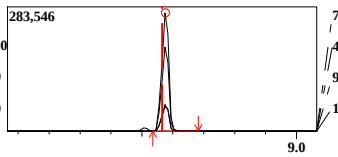
ID#:4 **Name:Methyl methanesulfonate**
Mass:80.00 **Type:Target**
R.T:7.135 **Area:331289** **Conc:92.10392ppm**



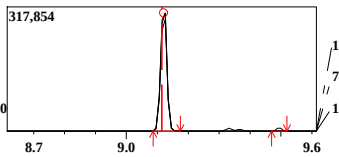
ID#:5 **Name:2-Fluorophenol**
Mass:112.00 **Type:Surrogate/SMC**
R.T:7.495 **Area:594004** **Conc:72.55981ppm**



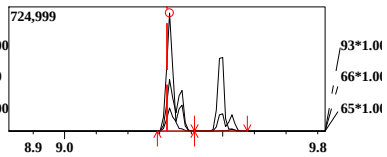
ID#:6 **Name:Ethyl methanesulfonate**
Mass:79.00 **Type:Target**
R.T:8.577 **Area:442748** **Conc:84.32481ppm**



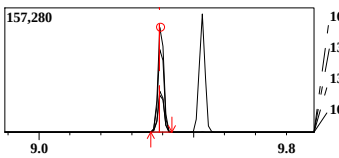
ID#:7 **Name:Benzaldehyde**
Mass:106.00 **Type:Target**
R.T:9.121 **Area:459904** **Conc:67.16972ppm**



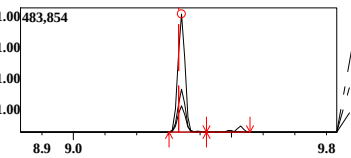
ID#:8 **Name:Aniline**
Mass:93.00 **Type:Target**
R.T:9.332 **Area:947643** **Conc:82.17220ppm**



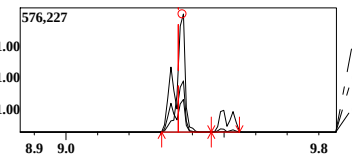
ID#:9 **Name:Pentachloroethane**
Mass:167.00 **Type:Target**
R.T:9.394 **Area:182460** **Conc:99.20306ppm**



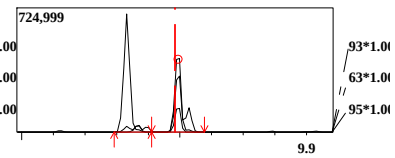
ID#:10 **Name:Phenol-d6**
Mass:99.00 **Type:Surrogate/SMC**
R.T:9.341 **Area:728605** **Conc:75.48238ppm**



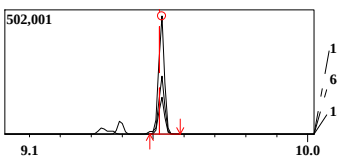
ID#:11 **Name:Phenol**
Mass:94.00 **Type:Target**
R.T:9.367 **Area:899688** **Conc:86.47541ppm**



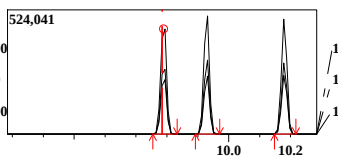
ID#:12 **Name:bis(2-Chloroethyl)Ether**
Mass:93.00 **Type:Target**
R.T:9.494 **Area:647716** **Conc:83.08717ppm**



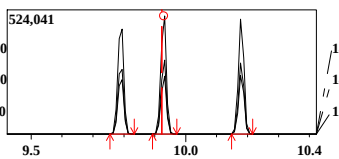
ID#:13 **Name:2-Chlorophenol**
Mass:128.00 **Type:Target**
R.T:9.528 **Area:625101** **Conc:80.31669ppm**



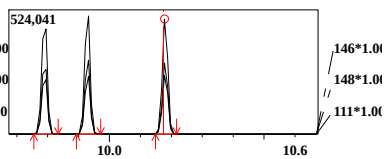
ID#:14 **Name:1,3-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.790 **Area:625674** **Conc:86.78689ppm**



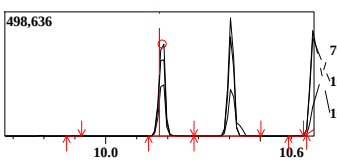
ID#:15 **Name:1,4-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.929 **Area:649130** **Conc:87.39332ppm**



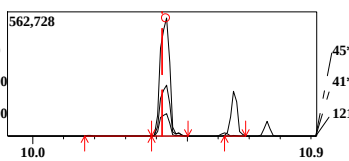
ID#:16 **Name:1,2-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:10.179 **Area:627555** **Conc:89.31789ppm**



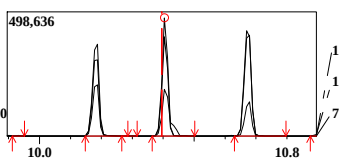
ID#:17 **Name:Benzyl Alcohol**
Mass:79.00 **Type:Target**
R.T:10.183 **Area:565448** **Conc:90.79855ppm**



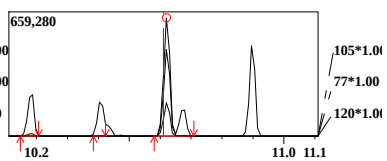
ID#:18 **Name:bis(2-Chloroisopropyl) Ether**
Mass:45.00 **Type:Target**
R.T:10.430 **Area:1136358** **Conc:74.57989ppm**



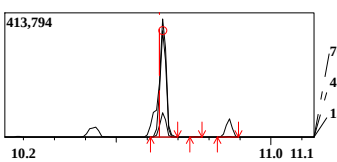
ID#:19 **Name:2-Methylphenol (o-Cresol)**
Mass:108.00 **Type:Target**
R.T:10.405 **Area:626067** **Conc:79.79384ppm**



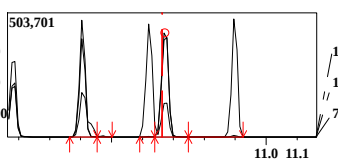
ID#:20 **Name:Acetophenone**
Mass:105.00 **Type:Target**
R.T:10.621 **Area:909009** **Conc:76.96299ppm**



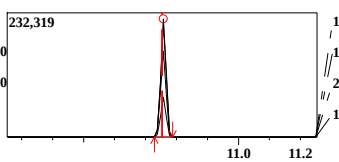
ID#:21 **Name:N-Nitrosodi-n-propylamine**
Mass:70.00 **Type:Target**
R.T:10.651 **Area:481522** **Conc:93.06632ppm**



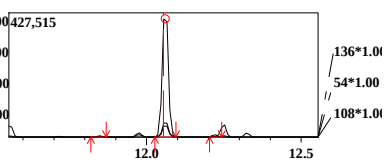
ID#:22 **Name:3+4-Methylphenol(m&p-Cresol)**
Mass:107.00 **Type:Target**
R.T:10.673 **Area:686764** **Conc:79.84585ppm**



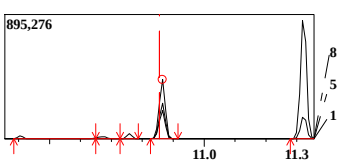
ID#:23 **Name:Hexachloroethane**
Mass:117.00 **Type:Target**
R.T:10.758 **Area:273298** **Conc:82.00040ppm**



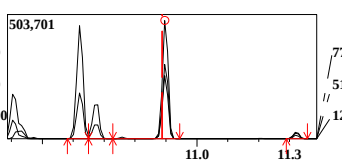
ID#:24 **Name:Naphthalene-d8 (IS)**
Mass:136.00 **Type:ISTD**
R.T:12.060 **Area:604534** **Conc:40.00000ppm**



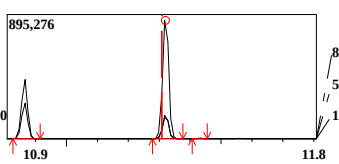
ID#:25 **Name:Nitrobenzene-d5**
Mass:82.00 **Type:Surrogate/SMC**
R.T:10.865 **Area:592544** **Conc:105.16014ppm**



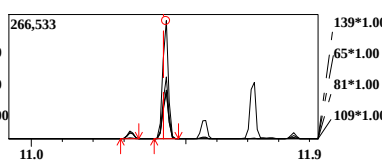
ID#:26 **Name:Nitrobenzene**
Mass:77.00 **Type:Target**
R.T:10.897 **Area:629106** **Conc:120.19365ppm**



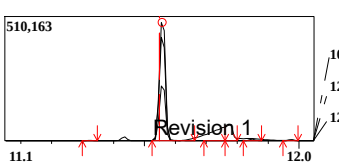
ID#:27 **Name:Isophorone**
Mass:82.00 **Type:Target**
R.T:11.321 **Area:1229331** **Conc:114.08599ppm**



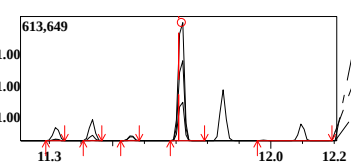
ID#:28 **Name:2-Nitrophenol**
Mass:139.00 **Type:Target**
R.T:11.435 **Area:321311** **Conc:130.16137ppm**



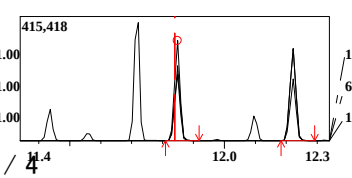
ID#:29 **Name:2,4-Dimethylphenol**
Mass:107.00 **Type:Target**
R.T:11.558 **Area:693054** **Conc:108.72571ppm**



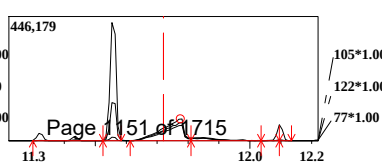
ID#:30 **Name:Bis(2-Chloroethoxy)methane**
Mass:93.00 **Type:Target**
R.T:11.717 **Area:777255** **Conc:109.45451ppm**



ID#:31 **Name:2,4-Dichlorophenol**
Mass:162.00 **Type:Target**
R.T:11.848 **Area:424608** **Conc:126.82764ppm**

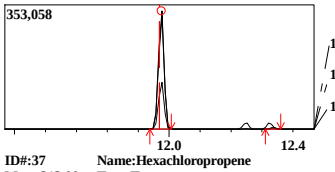


ID#:32 **Name:Benzoic Acid**
Mass:105.00 **Type:Target**
R.T:11.776 **Area:384663** **Conc:90.87794ppm**



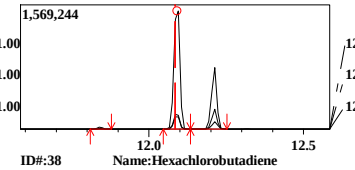
ID#:33 Name:1,2,4-Trichlorobenzene
Mass:180.00 Type:Target

R.T:11.975 Area:435276 Conc:138.12936ppm



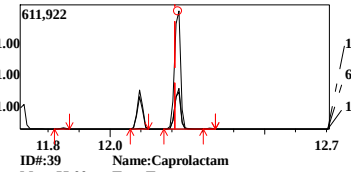
ID#:34 Name:Naphthalene
Mass:128.00 Type:Target

R.T:12.091 Area:2084263 Conc:113.14406ppm



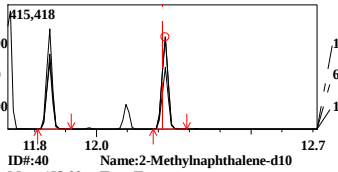
ID#:35 Name:4-Chloroaniline
Mass:127.00 Type:Target

R.T:12.219 Area:807297 Conc:106.03587ppm



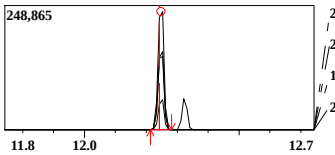
ID#:36 Name:2,6-Dichlorophenol
Mass:162.00 Type:Target

R.T:12.222 Area:426673 Conc:128.56138ppm



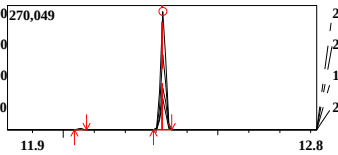
ID#:37 Name:Hexachloropropene
Mass:213.00 Type:Target

R.T:12.248 Area:335434 Conc:152.99962ppm



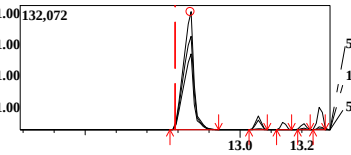
ID#:38 Name:Hexachlorobutadiene
Mass:225.00 Type:Target

R.T:12.323 Area:305042 Conc:148.69699ppm



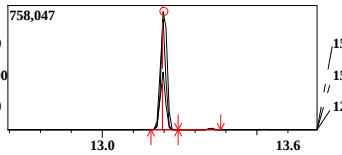
ID#:39 Name:Caprolactam
Mass:55.00 Type:Target

R.T:12.839 Area:295985 Conc:95.31662ppm



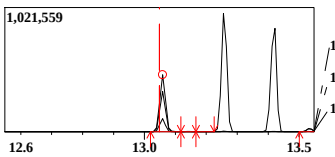
ID#:40 Name:2-Methylnaphthalene-d10
Mass:152.00 Type:Target

R.T:13.200 Area:995516 Conc:112.51341ppm



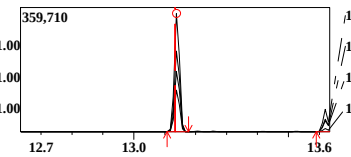
ID#:41 Name:4-Chloro-3-methylphenol
Mass:107.00 Type:Target

R.T:13.059 Area:618416 Conc:104.49861ppm



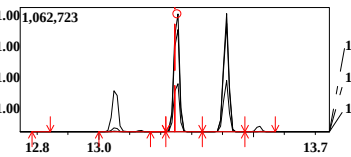
ID#:42 Name:Safrole
Mass:162.00 Type:Target

R.T:13.139 Area:411837 Conc:122.15956ppm



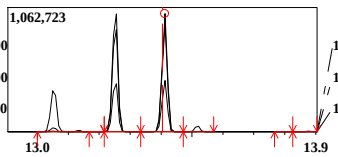
ID#:43 Name:2-Methylnaphthalene
Mass:142.00 Type:Target

R.T:13.252 Area:1319050 Conc:118.88624ppm



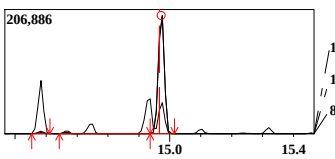
ID#:44 Name:1-Methylnaphthalene
Mass:142.00 Type:Target

R.T:13.412 Area:1229750 Conc:116.92885ppm



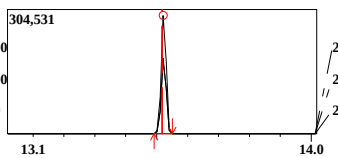
ID#:45 Name:Acenaphthene-d10 (IS)
Mass:164.00 Type:ISTD

R.T:14.973 Area:277985 Conc:40.00000ppm



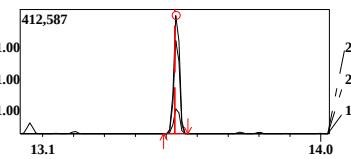
ID#:46 Name:Hexachlorocyclopentadiene
Mass:237.00 Type:Target

R.T:13.522 Area:341331 Conc:123.57668ppm



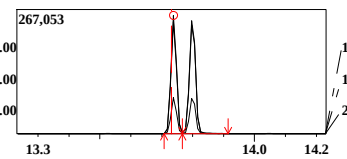
ID#:47 Name:1,2,4,5-Tetrachlorobenzene
Mass:216.00 Type:Target

R.T:13.533 Area:525008 Conc:121.14365ppm



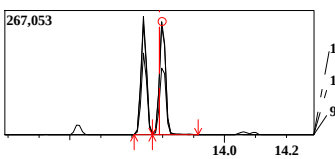
ID#:48 Name:2,4,6-Trichlorophenol
Mass:196.00 Type:Target

R.T:13.738 Area:323743 Conc:132.41481ppm



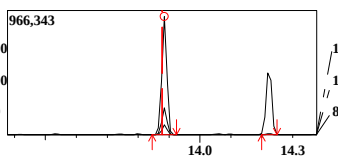
ID#:49 Name:2,4,5-Trichlorophenol
Mass:196.00 Type:Target

R.T:13.799 Area:347575 Conc:136.95301ppm



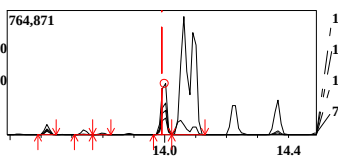
ID#:50 Name:2-Fluorobiphenyl
Mass:172.00 Type:Surrogate/SMC

R.T:13.885 Area:1067667 Conc:102.96788ppm



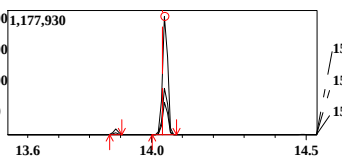
ID#:51 Name:Isosafrole
Mass:162.00 Type:Target

R.T:13.999 Area:423670 Conc:106.66868ppm



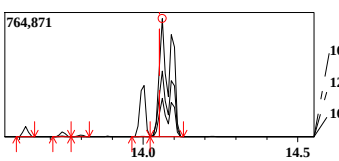
ID#:52 Name:1,1'-Biphenyl
Mass:154.00 Type:Target

R.T:14.044 Area:1345716 Conc:103.73177ppm



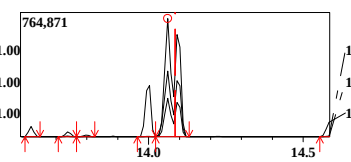
ID#:53 Name:2-Chloronaphthalene
Mass:162.00 Type:Target

R.T:14.061 Area:1869819 Conc:199.82331ppm



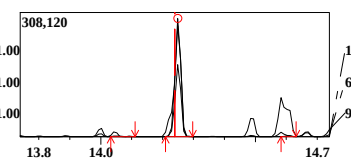
ID#:54 Name:1-Chloronaphthalene
Mass:162.00 Type:Target

R.T:14.061 Area:1869819 Conc:242.05437ppm



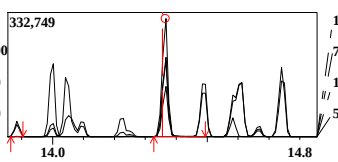
ID#:55 Name:2-Nitroaniline
Mass:138.00 Type:Target

R.T:14.250 Area:392741 Conc:106.43308ppm



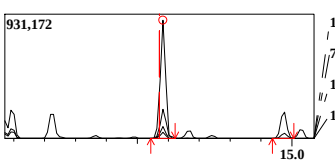
ID#:56 Name:1,4-Naphthoquinone
Mass:158.00 Type:Target

R.T:14.365 Area:415844 Conc:107.55126ppm



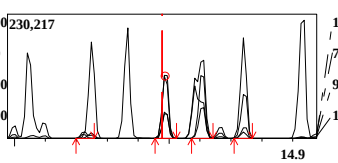
ID#:57 Name:Dimethyl phthalate
Mass:163.00 Type:Target

R.T:14.583 Area:1076229 Conc:111.88103ppm



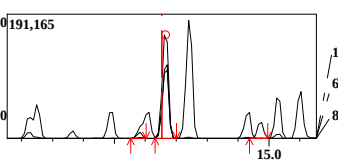
ID#:58 Name:1,3-Dinitrobenzene
Mass:168.00 Type:Target

R.T:14.488 Area:163015 Conc:139.03413ppm



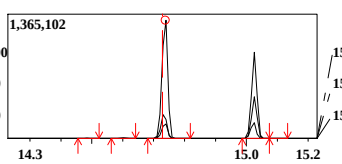
ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT)
Mass:165.00 Type:Target

R.T:14.666 Area:235815 Conc:122.25018ppm



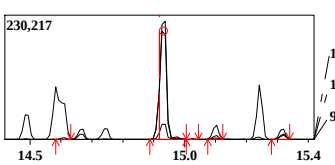
ID#:60 Name:Acenaphthylene
Mass:152.00 Type:Target

R.T:14.737 Area:1738820 Conc:106.62676ppm



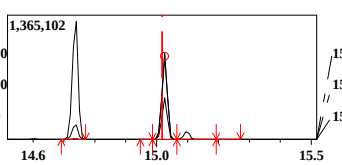
ID#:61 Name:3-Nitroaniline
Mass:138.00 Type:Target

R.T:14.932 Area:315148 Conc:98.29723ppm



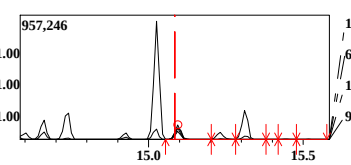
ID#:62 Name:Acenaphthene
Mass:154.00 Type:Target

R.T:15.026 Area:1129576 Conc:111.65694ppm



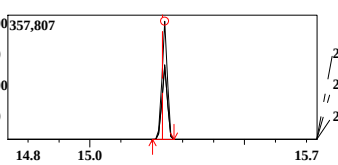
ID#:63 Name:2,4-Dinitrophenol
Mass:184.00 Type:Target

R.T:15.095 Area:150126 Conc:148.17874ppm



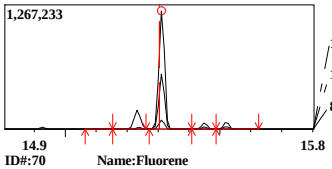
ID#:64 Name:Pentachlorobenzene
Mass:250.00 Type:Target

R.T:15.242 Area:415005 Conc:120.78347ppm



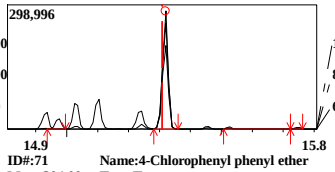
ID#:65 Name:Dibenzofuran
Mass:168.00 Type:Target

R.T:15.312 Area:1576968 Conc:120.86165ppm



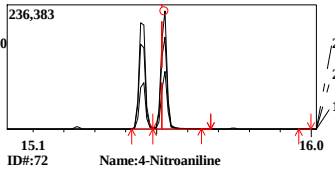
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT)
Mass:165.00 Type:Target

R.T:15.319 Area:357452 Conc:130.40814ppm



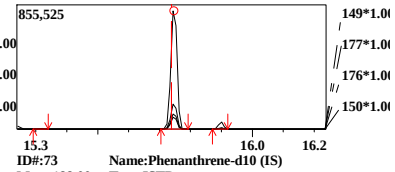
ID#:68 Name:2,3,4,6-Tetrachlorophenol
Mass:232.00 Type:Target

R.T:15.524 Area:304781 Conc:136.06714ppm



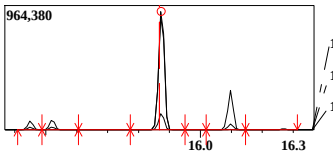
ID#:69 Name:Diethyl phthalate
Mass:149.00 Type:Target

R.T:15.746 Area:1174903 Conc:106.75071ppm



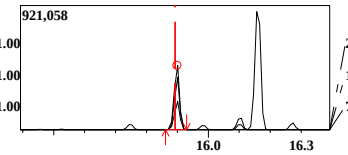
ID#:70 Name:Fluorene
Mass:166.00 Type:Target

R.T:15.874 Area:1249176 Conc:120.56332ppm



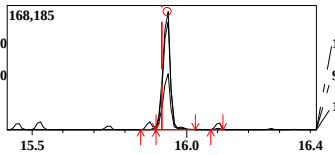
ID#:71 Name:4-Chlorophenyl phenyl ether
Mass:204.00 Type:Target

R.T:15.899 Area:585140 Conc:127.85848ppm



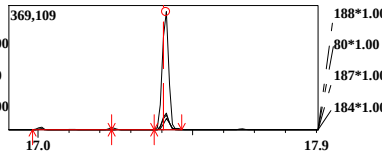
ID#:72 Name:4-Nitroaniline
Mass:138.00 Type:Target

R.T:15.937 Area:268344 Conc:86.55452ppm



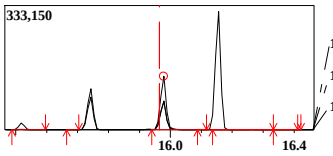
ID#:73 Name:Phenanthrene-d10 (IS)
Mass:188.00 Type:ISTD

R.T:17.412 Area:509599 Conc:40.00000ppm



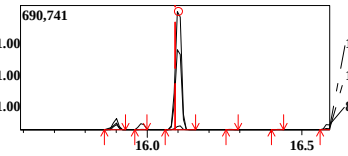
ID#:74 Name:4,6-Dinitro-2-methylphenol
Mass:198.00 Type:Target

R.T:15.978 Area:190597 Conc:145.29443ppm



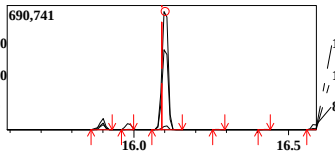
ID#:75 Name:N-Nitrosodiphenylamine
Mass:169.00 Type:Target

R.T:16.102 Area:948540 Conc:104.96506ppm



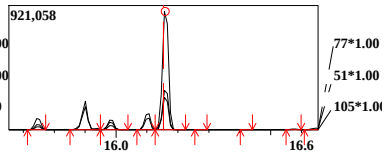
ID#:76 Name:Diphenylamine
Mass:169.00 Type:Target

R.T:16.102 Area:948540 Conc:104.96506ppm



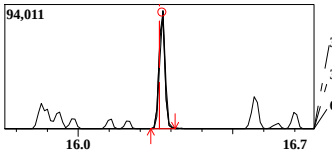
ID#:77 Name:1,2-Diphenylhydrazine
Mass:77.00 Type:Target

R.T:16.160 Area:1229248 Conc:90.44119ppm



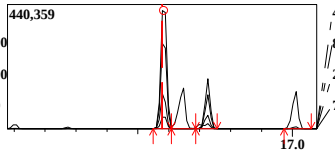
ID#:78 Name:2,4,6-Tribromophenol
Mass:330.00 Type:Surrogate/SMC

R.T:16.271 Area:119032 Conc:89.91243ppm



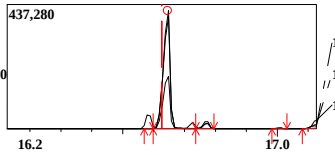
ID#:79 Name:(cis/trans)-Diallate
Mass:43.00 Type:Target

R.T:16.584 Area:601577 Conc:72.49494ppm



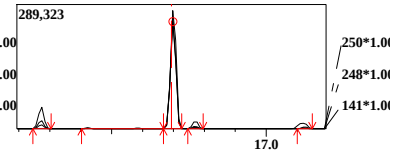
ID#:80 Name:Phenacetin
Mass:108.00 Type:Target

R.T:16.645 Area:633715 Conc:81.54425ppm



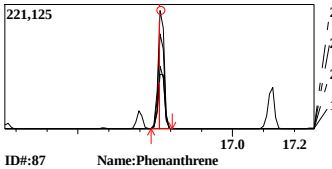
ID#:81 Name:4-Bromophenyl phenyl ether
Mass:250.00 Type:Target

R.T:16.698 Area:309440 Conc:107.11472ppm



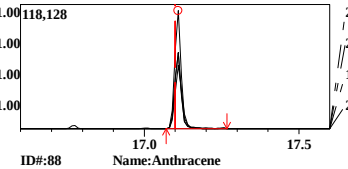
ID#:82 Name:Hexachlorobenzene
Mass:284.00 Type:Target

R.T:16.769 Area:290894 Conc:95.32662ppm



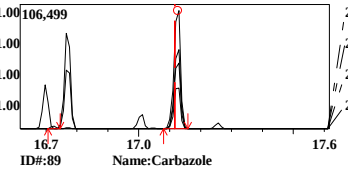
ID#:84 Name:Pentachlorophenol
Mass:266.00 Type:Target

R.T:17.109 Area:166728 Conc:103.86374ppm



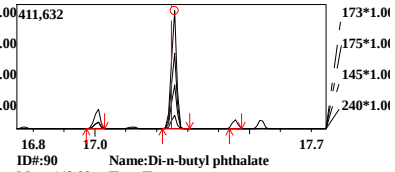
ID#:85 Name:Pentachloronitrobenzene
Mass:237.00 Type:Target

R.T:17.126 Area:153665 Conc:118.05611ppm



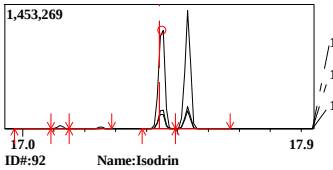
ID#:86 Name:Pronamide (Kerb)
Mass:173.00 Type:Target

R.T:17.256 Area:471541 Conc:109.80166ppm



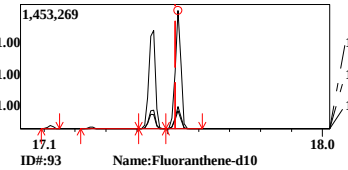
ID#:87 Name:Phenanthrene
Mass:178.00 Type:Target

R.T:17.450 Area:1705473 Conc:109.65112ppm



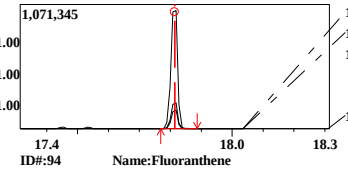
ID#:88 Name:Anthracene
Mass:178.00 Type:Target

R.T:17.533 Area:1756142 Conc:112.96890ppm



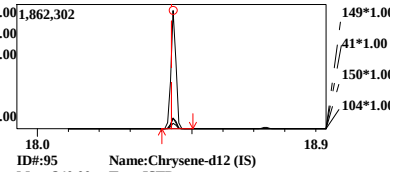
ID#:89 Name:Carbazole
Mass:167.00 Type:Target

R.T:17.813 Area:1573805 Conc:105.70267ppm



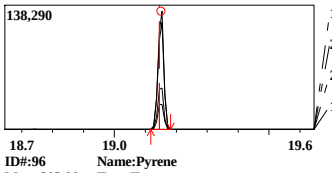
ID#:90 Name:Di-n-butyl phthalate
Mass:149.00 Type:Target

R.T:18.440 Area:2032720 Conc:104.79395ppm



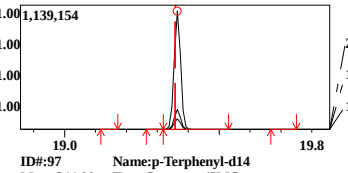
ID#:92 Name:Isodrin
Mass:193.00 Type:Target

R.T:19.151 Area:178428 Conc:115.95815ppm



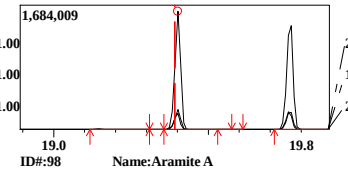
ID#:93 Name:Fluoranthene-d10
Mass:212.00 Type:Target

R.T:19.365 Area:1608346 Conc:106.49468ppm



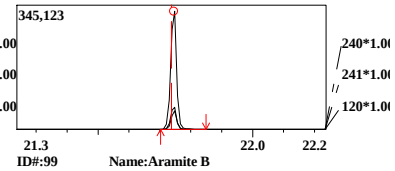
ID#:94 Name:Fluoranthene
Mass:202.00 Type:Target

R.T:19.401 Area:2056621 Conc:120.40525ppm



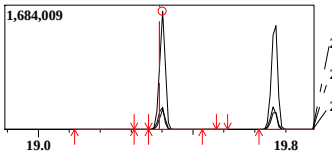
ID#:95 Name:Chrysene-d12 (IS)
Mass:240.00 Type:ISTD

R.T:21.745 Area:453364 Conc:40.00000ppm



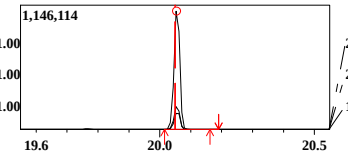
ID#:96 Name:Pyrene
Mass:202.00 Type:Target

R.T:19.401 Area:2056621 Conc:114.40426ppm



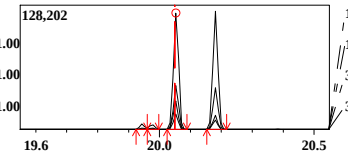
ID#:97 Name:p-Terphenyl-d14
Mass:244.00 Type:Surrogate/SMC

R.T:20.055 Area:1448096 Conc:102.58931ppm



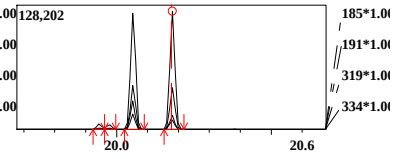
ID#:98 Name:Aramite A
Mass:185.00 Type:Target

R.T:20.053 Area:142522 Conc:63.75529ppm



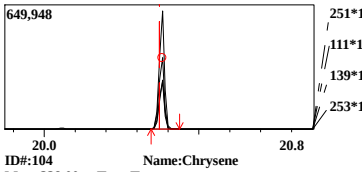
ID#:99 Name:Aramite B
Mass:185.00 Type:Target

R.T:20.181 Area:140307 Conc:56.58709ppm



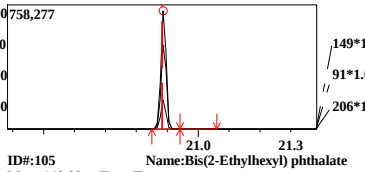
ID#:100 Name:Chlorobenzilate
Mass:251.00 Type:Target

R.T:20.380 Area:459486 Conc:114.59079ppm



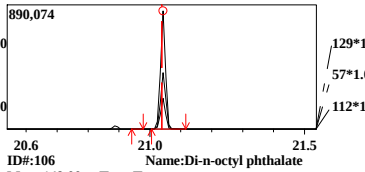
ID#:101 Name:Butyl benzyl phthalate
Mass:149.00 Type:Target

R.T:20.888 Area:865020 Conc:107.01940ppm



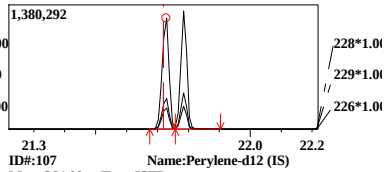
ID#:102 Name:Di(2-ethylhexyl) adipate
Mass:129.00 Type:Target

R.T:21.042 Area:942633 Conc:93.99038ppm



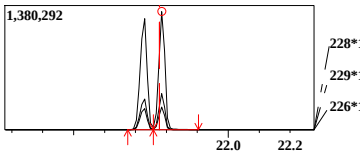
ID#:103 Name:Benzo[a]anthracene
Mass:228.00 Type:Target

R.T:21.728 Area:1925447 Conc:105.51081ppm



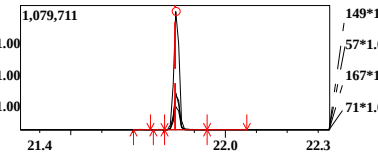
ID#:104 Name:Chrysene
Mass:228.00 Type:Target

R.T:21.786 Area:1795224 Conc:107.94254ppm



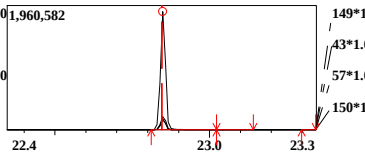
ID#:105 Name:Bis(2-Ethylhexyl) phthalate
Mass:149.00 Type:Target

R.T:21.842 Area:1280686 Conc:107.29329ppm



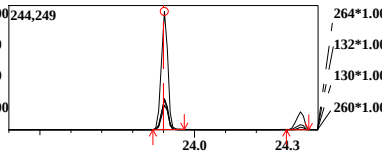
ID#:106 Name:Di-n-octyl phthalate
Mass:149.00 Type:Target

R.T:22.849 Area:2139197 Conc:107.08425ppm



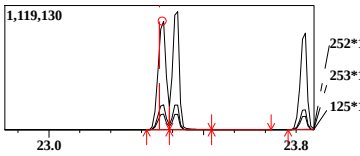
ID#:107 Name:Perylene-d12 (IS)
Mass:264.00 Type:ISTD

R.T:23.903 Area:335978 Conc:40.00000ppm



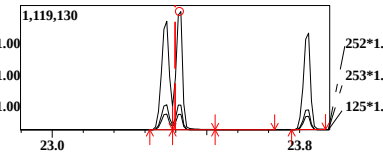
ID#:108 Name:Benzo[b]fluoranthene
Mass:252.00 Type:Target

R.T:23.367 Area:1803987 Conc:123.90074ppm



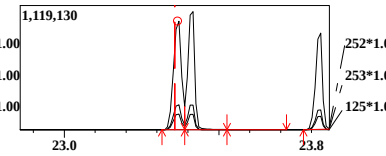
ID#:109 Name:Benzo[k]fluoranthene
Mass:252.00 Type:Target

R.T:23.412 Area:1588416 Conc:120.86683ppm



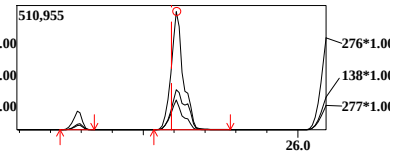
ID#:110 Name:Benzo[a]pyrene
Mass:252.00 Type:Target

R.T:23.367 Area:1803987 Conc:160.36887ppm



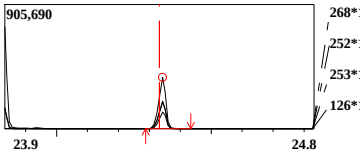
ID#:111 Name:Indeno(1,2,3-cd)pyrene
Mass:276.00 Type:Target

R.T:25.609 Area:1331021 Conc:144.34373ppm



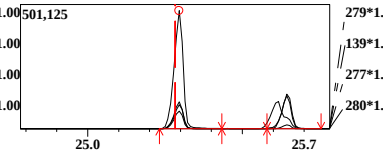
ID#:112 Name:3-Methylcholanthrene
Mass:268.00 Type:Target

R.T:24.343 Area:609230 Conc:99.64250ppm



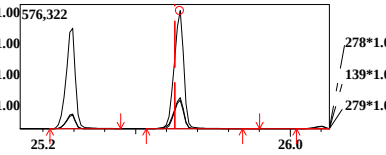
ID#:113 Name:Dibenz(a,j)Acridine
Mass:279.00 Type:Target

R.T:25.295 Area:962791 Conc:110.28550ppm



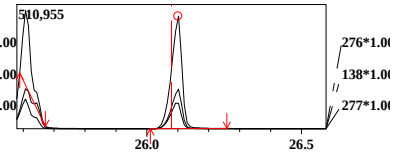
ID#:114 Name:Dibenzo[a,h]anthracene
Mass:278.00 Type:Target

R.T:25.642 Area:1172079 Conc:119.00002ppm



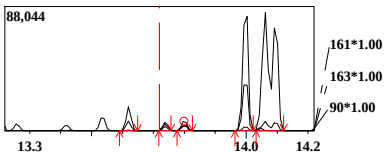
ID#:115 Name:Benzo[g,h,i]perylene
Mass:276.00 Type:Target

R.T:26.100 Area:1091648 Conc:112.21264ppm



ID#:128 Name:2,3-Dichloroaniline
Mass:161.00 Type:Target

R.T:13.800 Area:9587 Conc:1.99191ppm



Advanced Environmental Laboratories, Inc.

Initial Calibration Verification Summary Report

FORM 6B

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Calibration Date/Time: 12/1/2022 03:00 **Lab File ID:** 221130H018.qad

Instrument ID: J7H **Lab Sample ID:** ICV1

Parameter	Spike Added	ICV Result	ICV %D	QC Limits Q	QC Limits % D
1-Methylnaphthalene*	50.0	48.9	2.1		20
2-Methylnaphthalene*	50.0	49.2	1.6		20
Benzo[a]anthracene*	50.0	49.4	1.2		20
Bis(2-Ethylhexyl) phthalate	50.0	52.4	4.8		20
Dibenzo[a,h]anthracene*	50.0	54.6	9.3		20
Naphthalene*	50.0	49.0	1.9		20

Analyst: CMN Instrument: J7H Trace Number: SVOC-BO45-F14-O
Method: 8270C/D/E/625.1 Batch:
Sample ID: ICV1 Data File: C:\GCMSsolution\Data\221130H018.qgd
Date: 12/1/2022 Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm
Time: 03:00:39 Sample Name: ICV1
Dilution: 1

Internal Standard

ID#	Name	Mass	Time	Area	Conc.
1	1,4-Dichlorobenzene-d4 (IS)	150.00	9.89	244454	40.00
24	Naphthalene-d8 (IS)	136.00	12.06	657994	40.00
45	Acenaphthene-d10 (IS)	164.00	14.97	309240	40.00
73	Phenanthrene-d10 (IS)	188.00	17.40	557016	40.00
95	Chrysene-d12 (IS)	240.00	21.74	485582	40.00
107	Perylene-d12 (IS)	264.00	23.90	351060	40.00

Surrogate

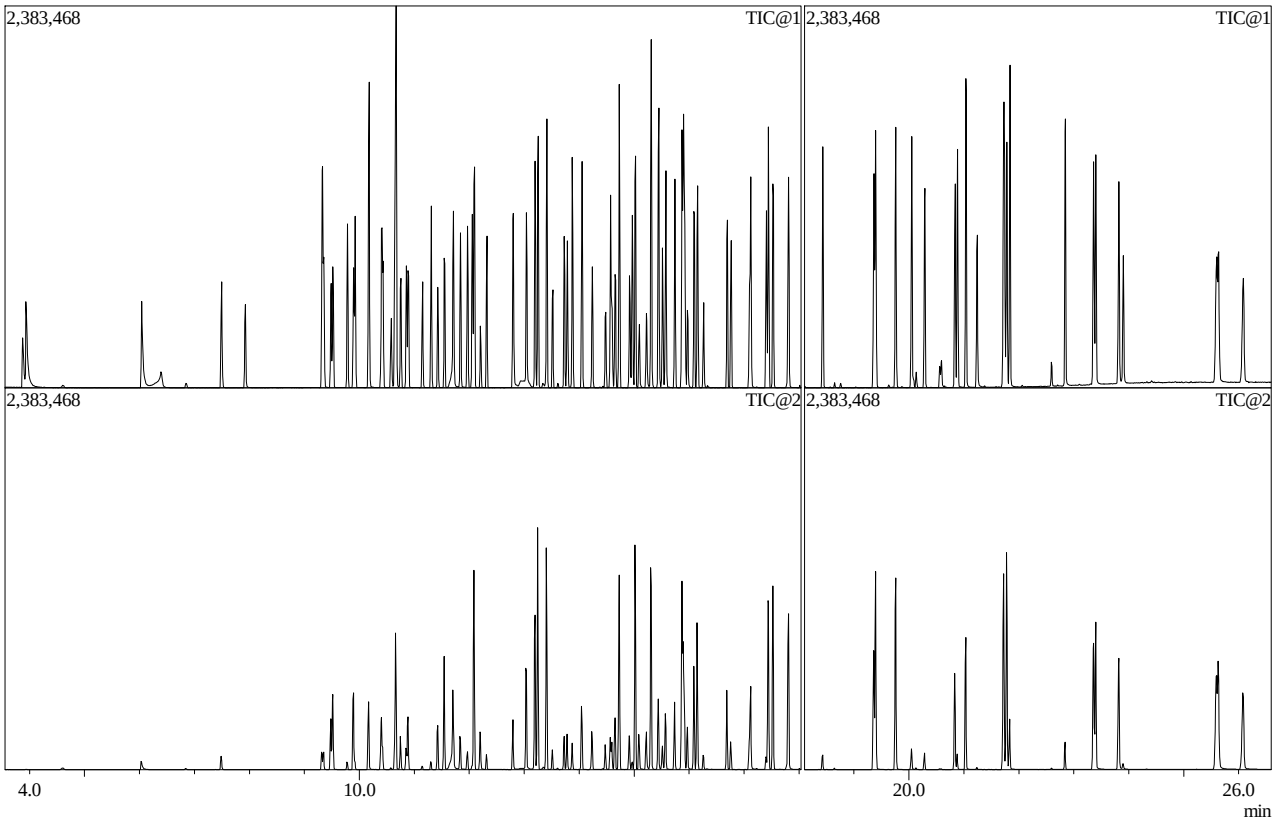
ID#	Name	Mass	Time	Area	Conc.
5	2-Fluorophenol	112.00	7.49	312409	53.86
10	Phenol-d6	99.00	9.33	379171	54.53
25	Nitrobenzene-d5	82.00	10.86	319835	52.23
50	2-Fluorobiphenyl	172.00	13.88	574841	51.26
78	2,4,6-Tribromophenol	330.00	16.26	63193	49.77
97	p-Terphenyl-d14	244.00	20.05	731401	50.61

Target

ID#	Name	Mass	Time	Area	Conc.
2	N-Nitrosodimethylamine	74.00	3.87	280608	59.20
3	Pyridine	79.00	-	---	N.D.
4	Methyl methanesulfonate	80.00	-	---	N.D.(Ref)
6	Ethyl methanesulfonate	79.00	-	---	N.D.(Peak)
7	Benzaldehyde	106.00	-	---	N.D.(Ref)
8	Aniline	93.00	9.32	521129	56.62
9	Pentachloroethane	167.00	-	---	N.D.(Peak)
11	Phenol	94.00	9.35	433220	50.20
12	bis(2-Chloroethyl)Ether	93.00	9.49	343516	53.30
13	2-Chlorophenol	128.00	9.52	306401	50.12
14	1,3-Dichlorobenzene	146.00	9.78	324113	51.80
15	1,4-Dichlorobenzene	146.00	9.92	333916	52.18
16	1,2-Dichlorobenzene	146.00	10.18	326631	52.99
17	Benzyl Alcohol	79.00	10.17	292547	54.47
18	bis(2-Chloroisopropyl) Ether	45.00	10.43	569873	51.07
19	2-Methylphenol (o-Cresol)	108.00	10.41	286131	46.97
20	Acetophenone	105.00	-	---	N.D.(Ref)
21	N-Nitrosodi-n-propylamine	70.00	10.65	256537	55.70
22	3+4-Methylphenol(m&p-Cresol)	107.00	-	---	N.D.
23	Hexachloroethane	117.00	10.75	144387	53.51
26	Nitrobenzene	77.00	10.89	331981	51.56
27	Isophorone	82.00	11.31	622938	49.13
28	2-Nitrophenol	139.00	11.43	166478	52.75
29	2,4-Dimethylphenol	107.00	-	---	N.D.
30	Bis(2-Chloroethoxy)methane	93.00	11.71	403034	50.09
31	2,4-Dichlorophenol	162.00	11.84	220273	51.12
32	Benzoic Acid	105.00	11.72	190972	44.89
33	1,2,4-Trichlorobenzene	180.00	11.97	233769	51.25
34	Naphthalene	128.00	12.08	1104110	49.03
35	4-Chloroaniline	127.00	-	---	N.D.
36	2,6-Dichlorophenol	162.00	-	---	N.D.
37	Hexachloropropene	213.00	-	---	N.D.(Peak)
38	Hexachlorobutadiene	225.00	12.32	157589	50.31
39	Caprolactam	55.00	-	---	N.D.(Ref)
40	2-Methylnaphthalene-d10	152.00	13.20	513837	49.12
41	4-Chloro-3-methylphenol	107.00	13.04	346050	55.04
42	Safrole	162.00	-	---	N.D.(Peak)
43	2-Methylnaphthalene	142.00	13.25	706132	49.21
44	1-Methylnaphthalene	142.00	13.40	666040	48.93
46	Hexachlorocyclopentadiene	237.00	13.52	149911	44.00
47	1,2,4,5-Tetrachlorobenzene	216.00	-	---	N.D.(Peak)
48	2,4,6-Trichlorophenol	196.00	13.73	166884	51.25
49	2,4,5-Trichlorophenol	196.00	13.78	181714	51.21
51	Isosafrole	162.00	-	---	N.D.(Ref)
52	1,1'-Biphenyl	154.00	-	---	N.D.(Peak)

ID#	Name	Mass	Time	Area	Conc.
53	2-Chloronaphthalene	162.00	14.05	485366	44.84
54	1-Chloronaphthalene	162.00	-	---	N.D.
55	2-Nitroaniline	138.00	14.24	201184	51.64
56	1,4-Naphthoquinone	158.00	-	---	N.D.(Peak)
57	Dimethyl phthalate	163.00	14.57	570338	50.60
58	1,3-Dinitrobenzene	168.00	14.48	83260	48.84
59	2,6-Dinitrotoluene (2,6-DNT)	165.00	14.66	123740	51.20
60	Acenaphthylene	152.00	14.73	936617	49.53
61	3-Nitroaniline	138.00	14.92	176974	54.57
62	Acenaphthene	154.00	15.02	586415	46.73
63	2,4-Dinitrophenol	184.00	15.09	74015	50.94
64	Pentachlorobenzene	250.00	-	---	N.D.(Peak)
65	Dibenzofuran	168.00	15.30	819802	48.39
66	2,4-Dinitrotoluene (2,4-DNT)	165.00	15.31	183244	52.55
67	4-Nitrophenol	65.00	15.23	130413	50.92
68	2,3,4,6-Tetrachlorophenol	232.00	15.52	156302	52.09
69	Diethyl phthalate	149.00	15.74	633089	51.56
70	Fluorene	166.00	15.87	641699	47.02
71	4-Chlorophenyl phenyl ether	204.00	15.89	308197	50.73
72	4-Nitroaniline	138.00	15.92	176958	58.62
74	4,6-Dinitro-2-methylphenol	198.00	15.97	104828	54.13
75	N-Nitrosodiphenylamine	169.00	16.09	407421	42.28
76	Diphenylamine	169.00	16.09	407421	42.28
77	1,2-Diphenylhydrazine	77.00	16.15	671162	52.02
79	(cis/trans)-Diallate	43.00	-	---	N.D.(Peak)
80	Phenacetin	108.00	-	---	N.D.(Ref)
81	4-Bromophenyl phenyl ether	250.00	16.69	165534	51.76
82	Hexachlorobenzene	284.00	16.76	145471	49.90
83	Atrazine	200.00	-	---	N.D.(Ref)
84	Pentachlorophenol	266.00	17.10	83889	51.26
85	Pentachloronitrobenzene	237.00	-	---	N.D.(Peak)
86	Pronamide (Kerb)	173.00	-	---	N.D.(Peak)
87	Phenanthrene	178.00	17.44	896062	48.34
88	Anthracene	178.00	17.52	871514	45.16
89	Carbazole	167.00	17.81	832514	48.47
90	Di-n-butyl phthalate	149.00	18.43	1043561	51.52
91	4-Nitroquinoline-N-Oxide	190.00	-	---	N.D.(Peak)
92	Isodrin	193.00	-	---	N.D.(Peak)
93	Fluoranthene-d10	212.00	19.36	840813	48.67
94	Fluoranthene	202.00	19.39	1064299	46.80
96	Pyrene	202.00	19.76	1092724	47.91
98	Aramite A	185.00	-	---	N.D.(Ref)
99	Aramite B	185.00	-	---	N.D.(Ref)
100	Chlorobenzilate	251.00	-	---	N.D.(Peak)
101	Butyl benzyl phthalate	149.00	20.88	459031	53.09
102	Di(2-ethylhexyl) adipate	129.00	21.04	481695	51.74
103	Benzo[a]anthracene	228.00	21.72	1013573	49.40
104	Chrysene	228.00	21.78	981422	47.83
105	Bis(2-Ethylhexyl) phthalate	149.00	21.84	664987	52.42
106	Di-n-octyl phthalate	149.00	22.84	1137944	53.72
108	Benzo[b]fluoranthene	252.00	23.36	893973	51.43
109	Benzo[k]fluoranthene	252.00	23.40	790715	47.73
110	Benzo[a]pyrene	252.00	23.82	746119	54.91
111	Indeno(1,2,3-cd)pyrene	276.00	25.59	614897	56.97
112	3-Methylcholanthrene	268.00	-	---	N.D.(Ref)
113	Dibenz(a,j)Acridine	279.00	-	---	N.D.(Ref)
114	Dibenzo[a,h]anthracene	278.00	25.63	612658	54.64
115	Benzo[g,h,i]perylene	276.00	26.08	565881	52.77
116	2-Picoline (2-Methylpyridine)	93.00	6.04	364674	52.93
117	N-Nitrosomethylethylamine	88.00	6.39	148104	50.36
118	N-Nitrosodiethylamine	102.00	7.92	159622	50.75
119	n-Decane	57.00	-	---	N.D.(Ref)
120	N-Nitrosopyrrolidine	100.00	10.58	175045	54.67
121	N-Nitrosomorpholine	56.00	10.66	232802	58.65
122	o-Toluidine	106.00	-	---	N.D.(Ref)
123	N-Nitrosopiperidine	114.00	11.15	171462	50.56
124	a,a-Dimethylphenethylamine	58.00	-	---	N.D.(Peak)
125	Alpha-Terpineol	59.00	-	---	N.D.(Ref)
126	p-Phenylenediamine	108.00	12.81	331015	40.08

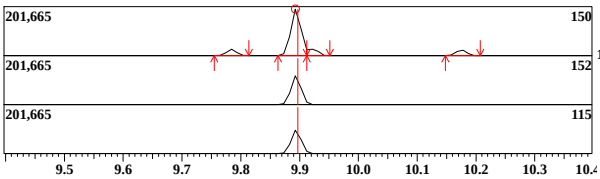
ID#	Name	Mass	Time	Area	Conc.
127	N-Nitrosodi-n-butylamine	84.00	12.80	243025	52.65
128	2,3-Dichloroaniline	161.00	-	---	N.D.
129	1-Naphthylamine	143.00	15.44	513892	45.18
130	2-Naphthylamine	143.00	15.58	610694	46.57
131	5-Nitro-o-Toluidine	152.00	15.91	177439	57.20
132	4-Aminobiphenyl	169.00	17.12	603839	50.45
133	n-Octadecane	57.00	-	---	N.D.(Ref)
134	Benzidine	184.00	-	---	N.D.(Ref)
135	4-Dimethyl aminoazobenzene	120.00	20.29	323874	55.25
136	3,3'-Dimethylbenzidine	212.00	20.84	596393	46.43
137	2-Acetylaminofluorene	181.00	21.24	314378	48.47
138	3,3`-Dichlorobenzidine	252.00	-	---	N.D.(Peak)
139	7,12-Dimethylbenz[a]anthracene	256.00	-	---	N.D.(Peak)



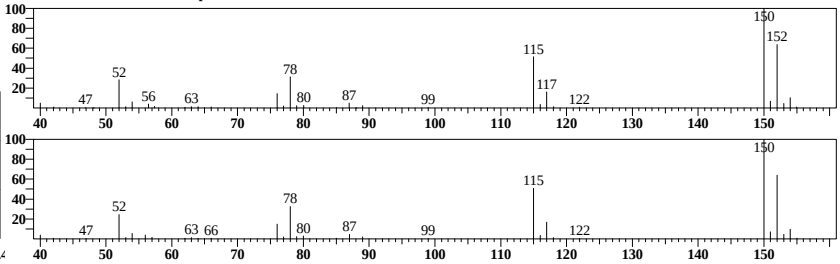
ID#:1 Name:1,4-Dichlorobenzene-d4 (IS) Type:ISTD Manual Integration Performed
Manual Reason: Split peak. CMN 12/1/2022

Mass:150.00 R.T:9.893 Area:244454 Conc:40.00000ppm
Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	152.00	71517	63.52	65.66
2	115.00	58089	51.60	48.88



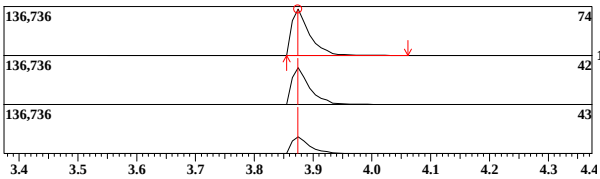
ID#:1 R.Time:9.893(Scan#:1291)
MassPeaks:35
RawMode:Averaged 9.883-9.902(1289-1293)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



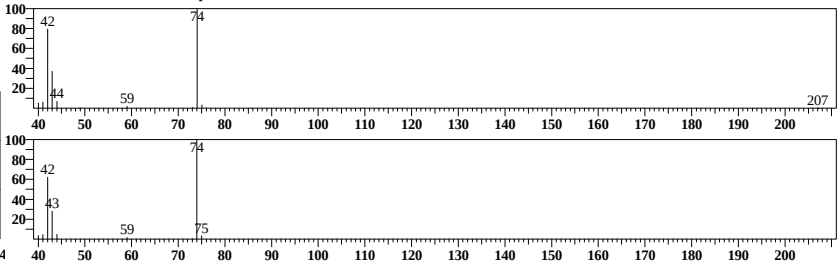
ID#:2 Name:N-Nitrosodimethylamine Type:Target Manual Integration Performed
Manual Reason: Peak not found. CMN 12/1/2022

Mass:74.00 R.T:3.874 Area:280608 Conc:59.19906ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	42.00	85424	79.51	72.10
2	43.00	39581	36.84	38.30



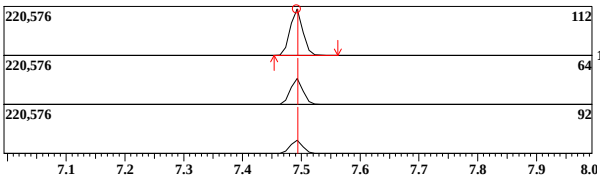
ID#:2 R.Time:3.874(Scan#:67)
MassPeaks:12
RawMode:Averaged 3.865-3.884(65-69)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



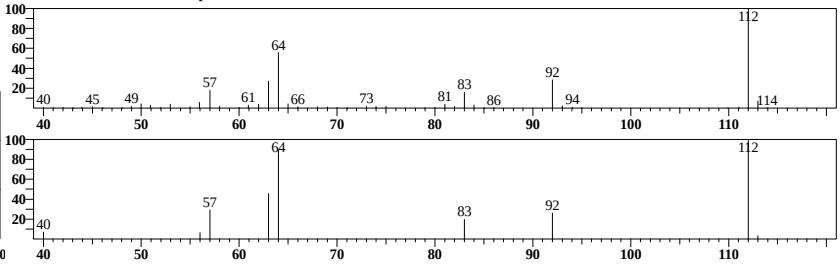
ID#:5 Name:2-Fluorophenol Type:Surrogate/SMC No Manual Integration

Mass:112.00 R.T:7.492 Area:312409 Conc:53.85591ppm
Event:1:Scan SI:85

#	m/z	Area	Ratio	Reference
1	64.00	85300	55.66	72.76
2	92.00	43376	28.30	26.11



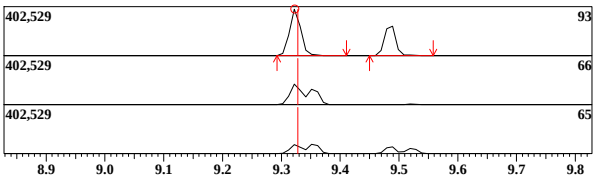
ID#:5 R.Time:7.493(Scan#:803)
MassPeaks:48
RawMode:Averaged 7.483-7.503(801-805)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



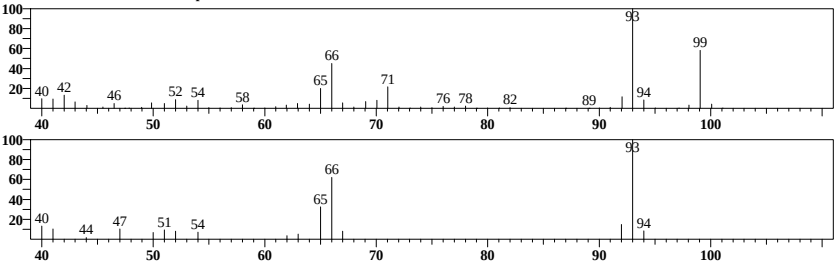
ID#:8 Name:Aniline Type:Target No Manual Integration

Mass:93.00 R.T:9.323 Area:521129 Conc:56.62312ppm
Event:1:Scan SI:72

#	m/z	Area	Ratio	Reference
1	66.00	119232	45.02	46.22
2	65.00	52772	19.92	22.48



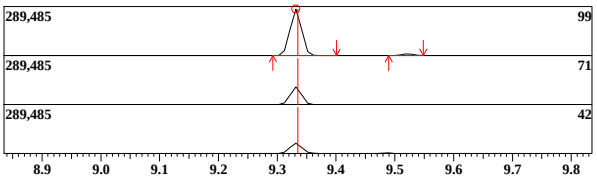
ID#:8 R.Time:9.322(Scan#:1175)
MassPeaks:56
RawMode:Averaged 9.312-9.332(1173-1177)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



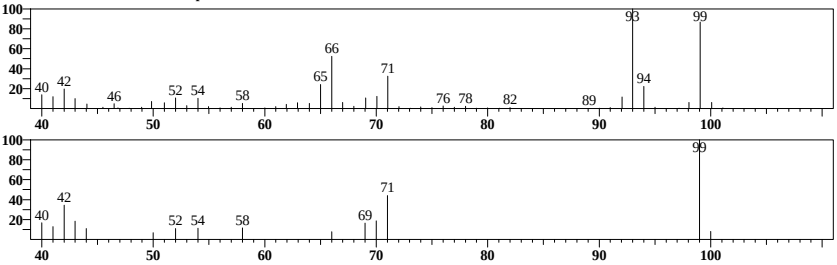
ID#:10 Name:Phenol-d6 Type:Surrogate/SMC No Manual Integration

Mass:99.00 R.T:9.332 Area:379171 Conc:54.53230ppm
Event:1:Scan SI:65

#	m/z	Area	Ratio	Reference
1	71.00	72492	37.34	35.02
2	42.00	44132	22.73	16.82



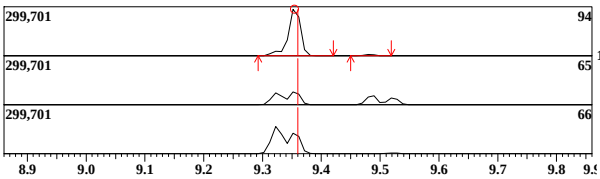
ID#:10 R.Time:9.332(Scan#:1177)
MassPeaks:57
RawMode:Averaged 9.322-9.342(1175-1179)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



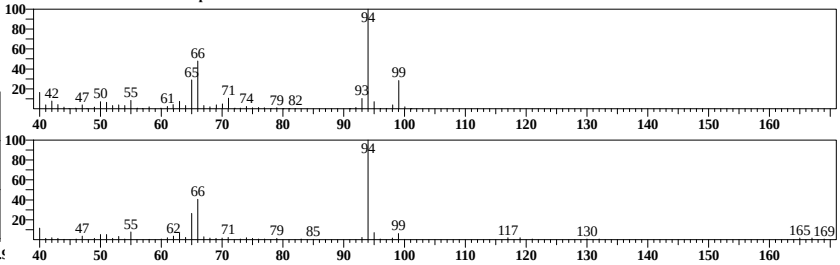
ID#:11 Name:Phenol Type:Target No Manual Integration

Mass:94.00 R.T:9.354 Area:433220 Conc:50.19501ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	65.00	59558	28.82	31.65
2	66.00	98885	47.85	40.72



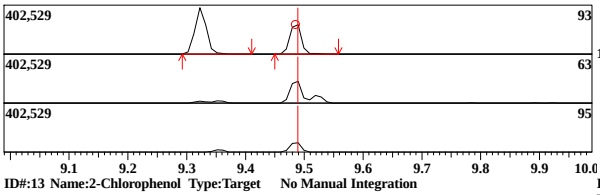
ID#:11 R.Time:9.352(Scan#:1181)
MassPeaks:53
RawMode:Averaged 9.342-9.361(1179-1183)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



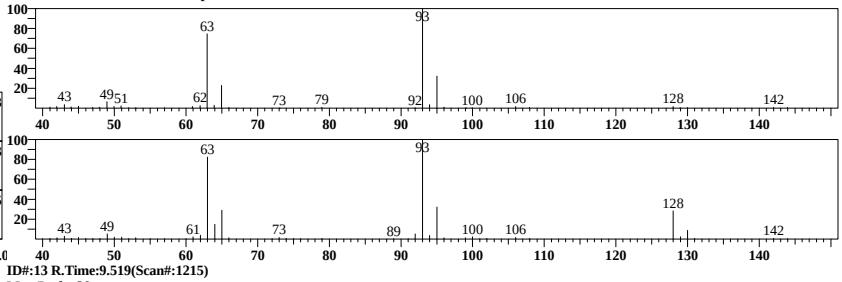
ID#:12 Name:bis(2-Chloroethyl)Ether Type:Target No Manual Integration

Mass:93.00 R.T:9.485 Area:343516 Conc:53.30017ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	63.00	128136	74.56	95.54
2	95.00	55323	32.19	33.05



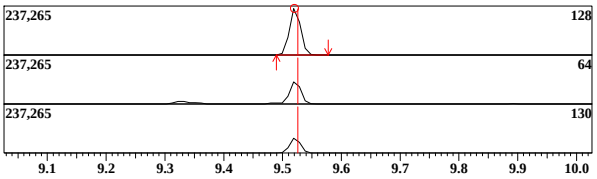
ID#:12 R.Time:9.489(Scan#:1209)
MassPeaks:35
RawMode:Averaged 9.479-9.499(1207-1211)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



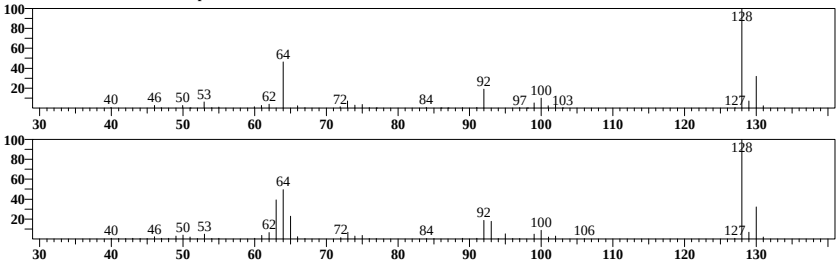
ID#:13 Name:2-Chlorophenol Type:Target No Manual Integration

Mass:128.00 R.T:9.521 Area:306401 Conc:50.12209ppm
Event:1:Scan SI:84

#	m/z	Area	Ratio	Reference
1	64.00	72789	46.20	65.60
2	130.00	50043	31.76	31.89



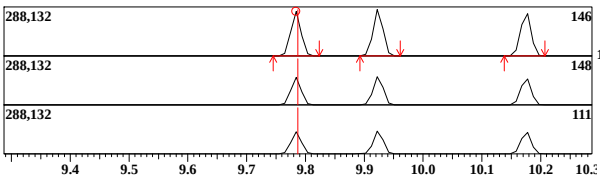
ID#:13 R.Time:9.519(Scan#:1215)
MassPeaks:38
RawMode:Averaged 9.509-9.529(1213-1217)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



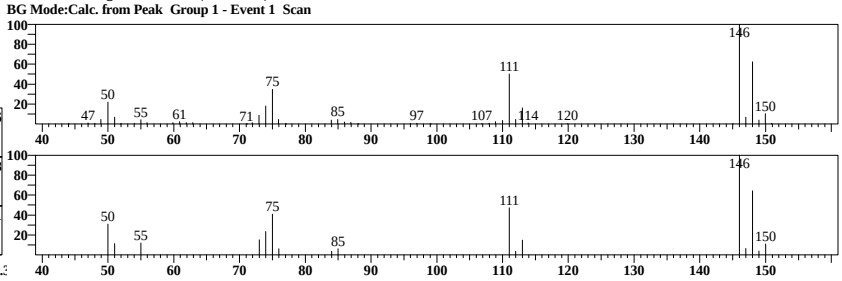
ID#:14 Name:1,3-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.784 Area:324113 Conc:51.79821ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	148.00	107725	62.40	64.92
2	111.00	86686	50.22	55.28



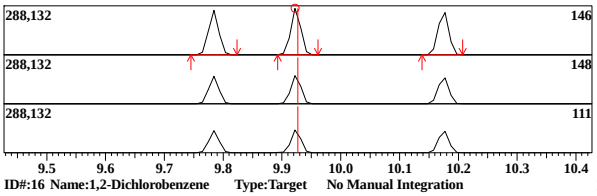
ID#:14 R.Time:9.784(Scan#:1269)
MassPeaks:45
RawMode:Averaged 9.774-9.794(1267-1271)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



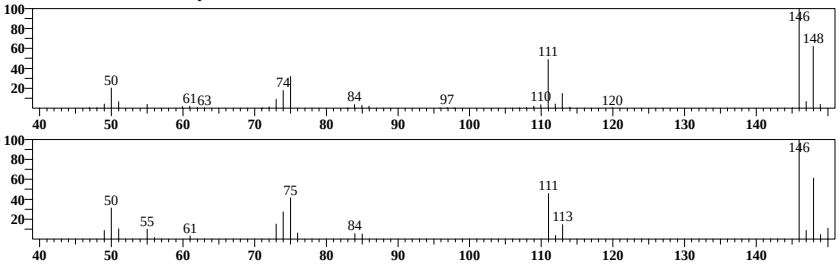
ID#:15 Name:1,4-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.923 Area:333916 Conc:52.17934ppm
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	148.00	110636	62.13	66.17
2	111.00	87235	48.99	47.39



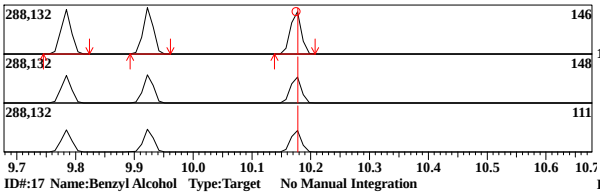
ID#:15 R.Time:9.922(Scan#:1297)
MassPeaks:36
RawMode:Averaged 9.912-9.932(1295-1299)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



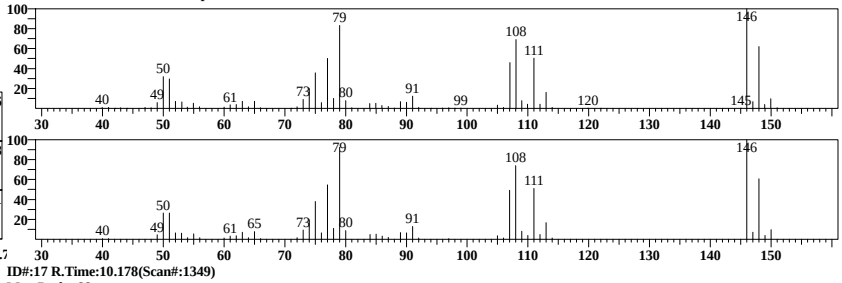
ID#:16 Name:1,2-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:10.175 Area:326631 Conc:52.98827ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	148.00	105694	62.06	65.19
2	111.00	86182	50.61	55.22



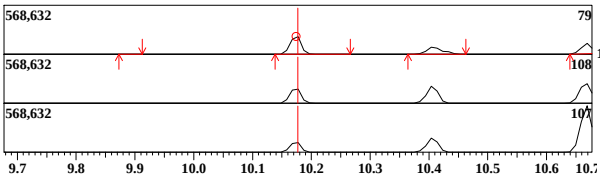
ID#:16 R.Time:10.178(Scan#:1349)
MassPeaks:66
RawMode:Averaged 10.168-10.188(1347-1351)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



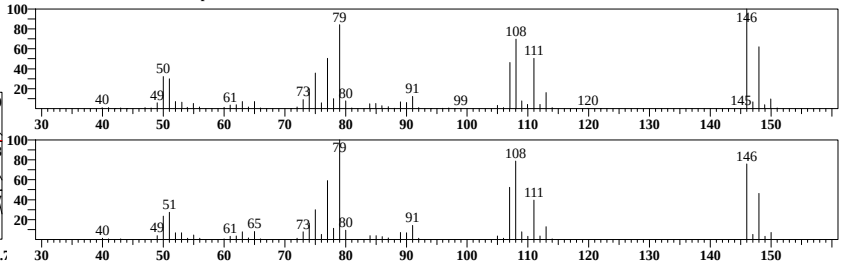
ID#:17 Name:Benzyl Alcohol Type:Target No Manual Integration

Mass:79.00 R.T:10.174 Area:292547 Conc:54.46612ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	108.00	118840	82.85	85.77
2	107.00	78838	54.96	58.74



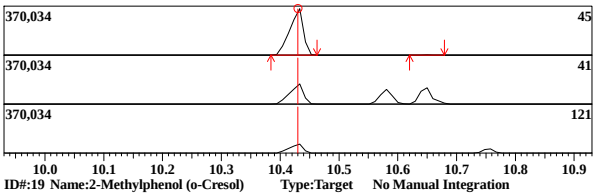
ID#:17 R.Time:10.178(Scan#:1349)
MassPeaks:66
RawMode:Averaged 10.168-10.188(1347-1351)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



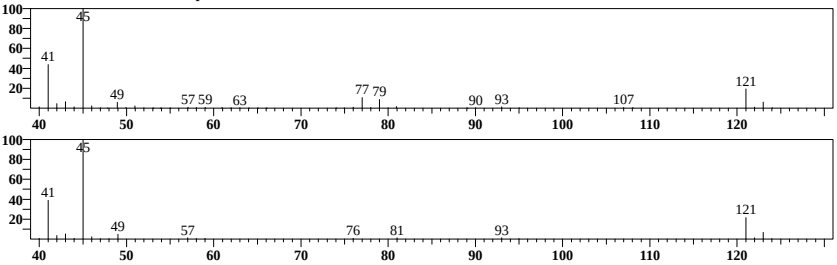
ID#:18 Name:bis(2-Chloroisopropyl) Ether Type:Target No Manual Integration

Mass:45.00 R.T:10.431 Area:569873 Conc:51.07113ppm
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	41.00	104955	43.57	39.13
2	121.00	46792	19.43	18.18



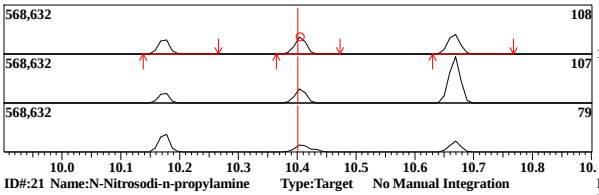
ID#:18 R.Time:10.433(Scan#:1401)
MassPeaks:43
RawMode:Averaged 10.424-10.443(1399-1403)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



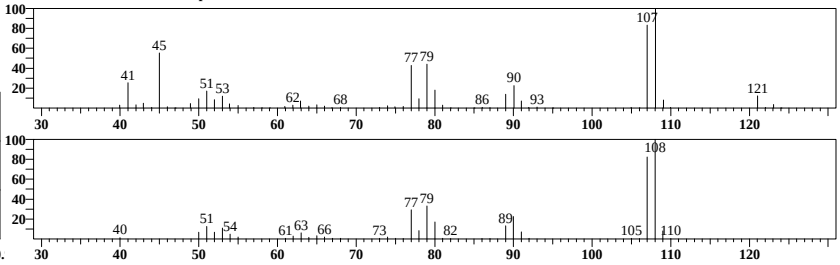
ID#:19 Name:2-Methylphenol (o-Cresol) Type:Target No Manual Integration

Mass:108.00 R.T:10.405 Area:286131 Conc:46.96821ppm
Event:1:Scan SI:85

#	m/z	Area	Ratio	Reference
1	107.00	119099	83.23	84.56
2	79.00	63181	44.15	35.28



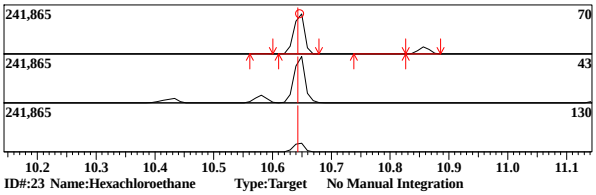
ID#:19 R.Time:10.404(Scan#:1395)
MassPeaks:55
RawMode:Averaged 10.394-10.414(1393-1397)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



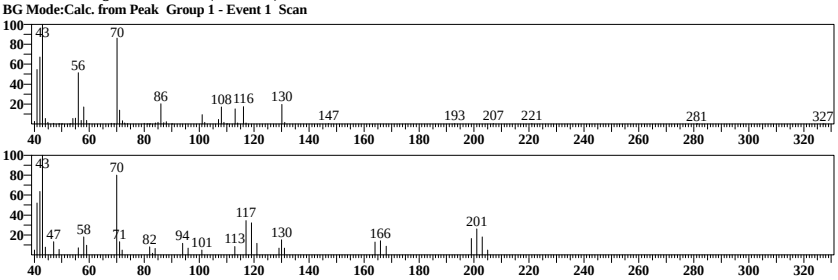
ID#:21 Name:N-Nitrosodi-n-propylamine Type:Target No Manual Integration

Mass:70.00 R.T:10.646 Area:256537 Conc:55.70164ppm
Event:1:Scan SI:71

#	m/z	Area	Ratio	Reference
1	43.00	151737	116.15	109.00
2	130.00	29989	22.95	17.19



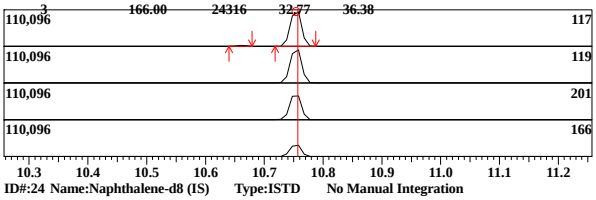
ID#:21 R.Time:10.650(Scan#:1445)
MassPeaks:51
RawMode:Averaged 10.640-10.660(1443-1447)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



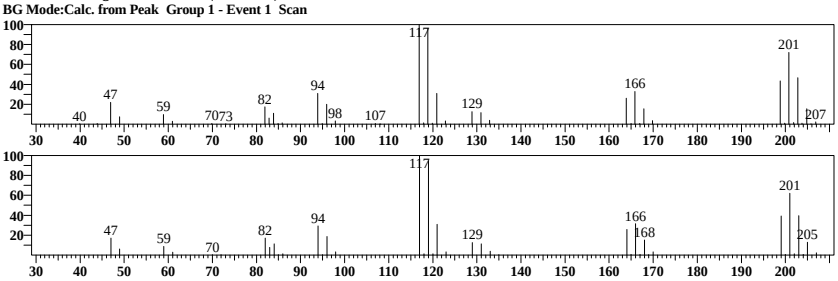
ID#:23 Name:Hexachloroethane Type:Target No Manual Integration

Mass:117.00 R.T:10.754 Area:144387 Conc:53.50793ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	119.00	71403	96.22	92.41
2	201.00	53413	71.98	78.73
3	166.00	24316	32.77	36.38



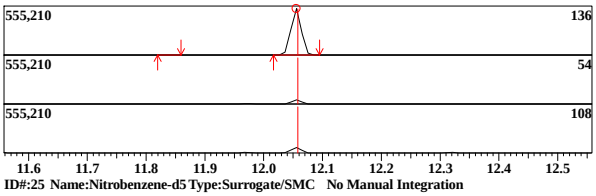
ID#:23 R.Time:10.758(Scan#:1467)
MassPeaks:43
RawMode:Averaged 10.748-10.768(1465-1469)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



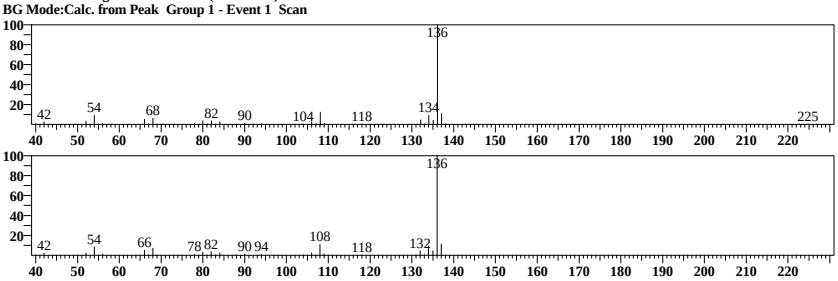
ID#:24 Name:Naphthalene-d8 (IS) Type:ISTD No Manual Integration

Mass:136.00 R.T:12.055 Area:657994 Conc:40.00000ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	54.00	31747	9.04	11.97
2	108.00	43201	12.31	12.20



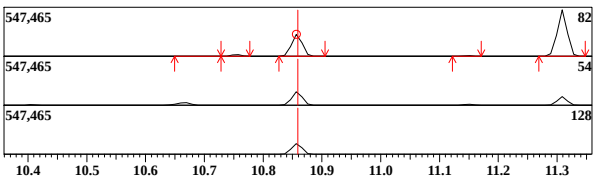
ID#:24 R.Time:12.056(Scan#:1731)
MassPeaks:45
RawMode:Averaged 12.046-12.066(1729-1733)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



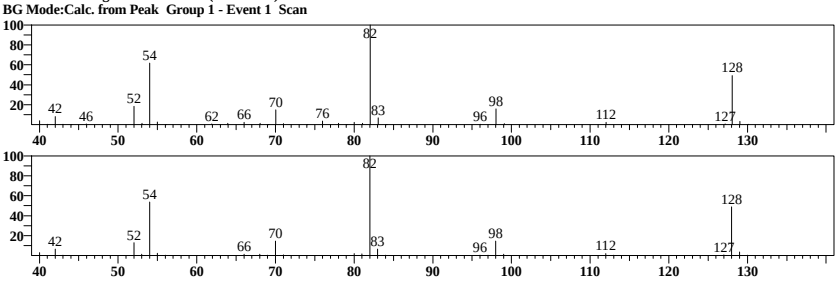
ID#:25 Name:Nitrobenzene-d5 Type:Surrogate/SMC No Manual Integration

Mass:82.00 R.T:10.857 Area:319835 Conc:52.22951ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	54.00	103357	61.66	65.85
2	128.00	82625	49.29	43.44



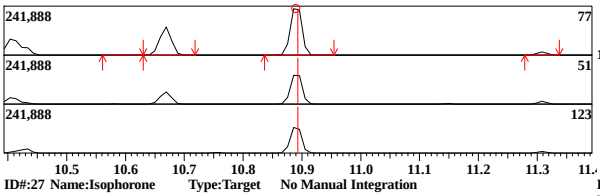
ID#:25 R.Time:10.856(Scan#:1487)
MassPeaks:35
RawMode:Averaged 10.846-10.866(1485-1489)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



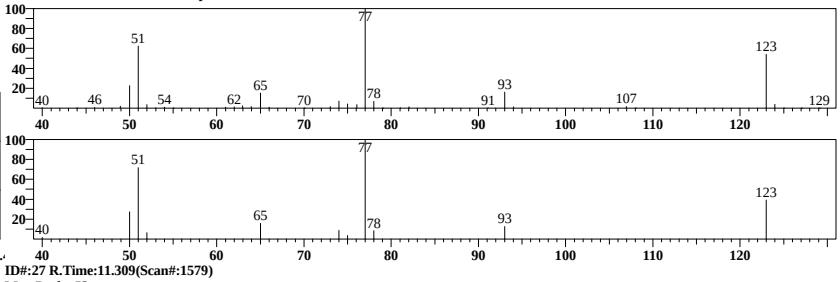
ID#:26 Name:Nitrobenzene Type:Target No Manual Integration

Mass:77.00 R.T:10.890 Area:331981 Conc:51.56356ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	51.00	106298	62.50	61.12
2	123.00	92097	54.15	46.32



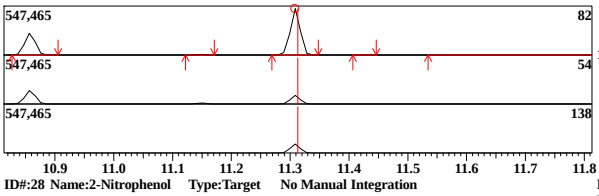
ID#:26 R.Time:10.886(Scan#:1493)
MassPeaks:36
RawMode:Averaged 10.876-10.896(1491-1495)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



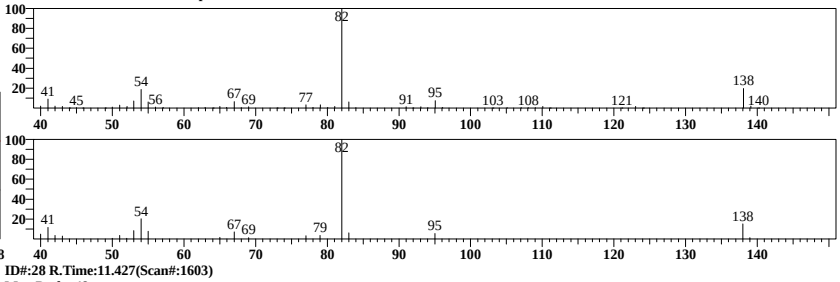
ID#:27 Name:Isophorone Type:Target No Manual Integration

Mass:82.00 R.T:11.308 Area:622938 Conc:49.12673ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	54.00	62059	18.61	19.87
2	138.00	64900	19.46	14.87



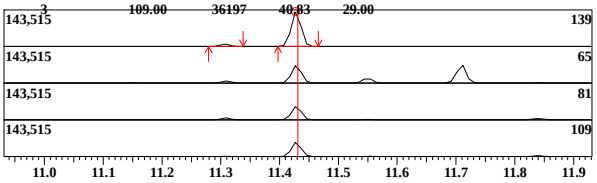
ID#:27 R.Time:11.309(Scan#:1579)
MassPeaks:53
RawMode:Averaged 11.299-11.318(1577-1581)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



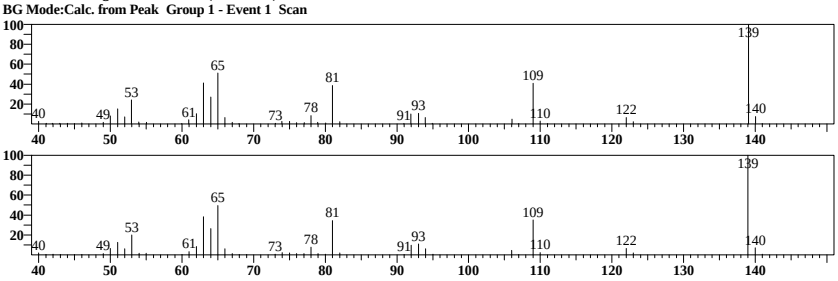
ID#:28 Name:2-Nitrophenol Type:Target No Manual Integration

Mass:139.00 R.T:11.427 Area:166478 Conc:52.74917ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	65.00	45314	51.11	55.00
2	81.00	34137	38.51	33.00
3	109.00	36197	40.83	29.00



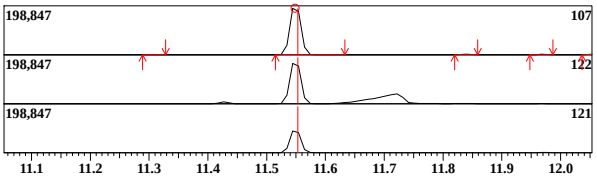
ID#:28 R.Time:11.427(Scan#:1603)
MassPeaks:48
RawMode:Averaged 11.417-11.436(1601-1605)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



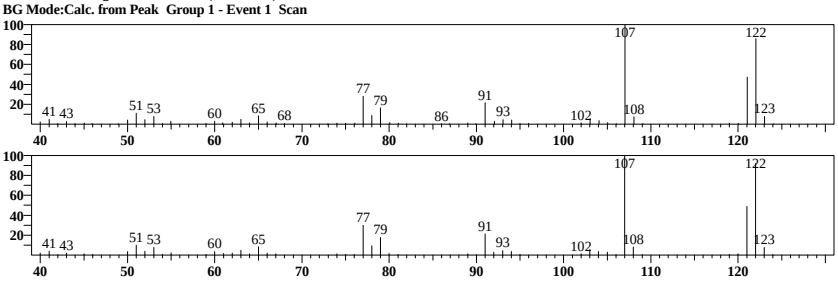
ID#:29 Name:2,4-Dimethylphenol Type:Target No Manual Integration

Mass:107.00 R.T:11.548 Area:263371 Conc:38.23111ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	122.00	116461	85.96	82.87
2	121.00	63825	47.11	42.24



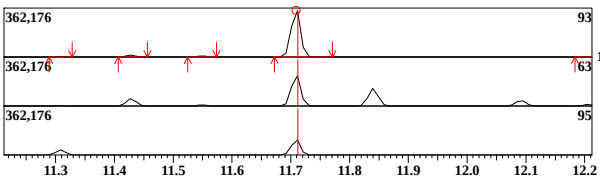
ID#:29 R.Time:11.544(Scan#:1627)
MassPeaks:58
RawMode:Averaged 11.535-11.554(1625-1629)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



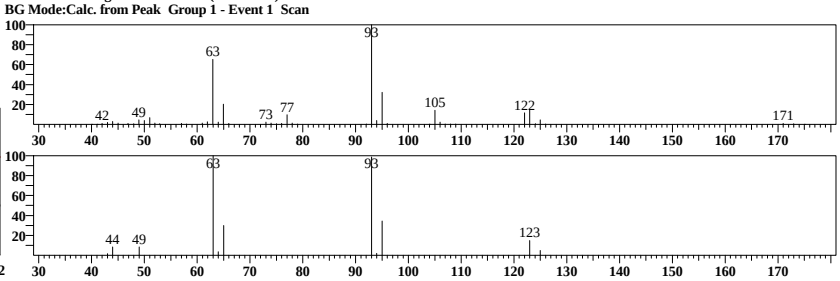
ID#:30 Name:Bis(2-Chloroethoxy)methane Type:Target No Manual Integration

Mass:93.00 R.T:11.710 Area:403034 Conc:50.08994ppm
Event:1:Scan SI:84

#	m/z	Area	Ratio	Reference
1	63.00	141321	65.41	85.08
2	95.00	69737	32.28	33.16



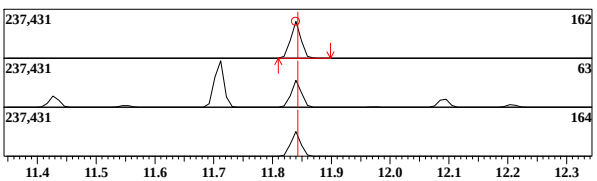
ID#:30 R.Time:11.712(Scan#:1661)
MassPeaks:47
RawMode:Averaged 11.702-11.722(1659-1663)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



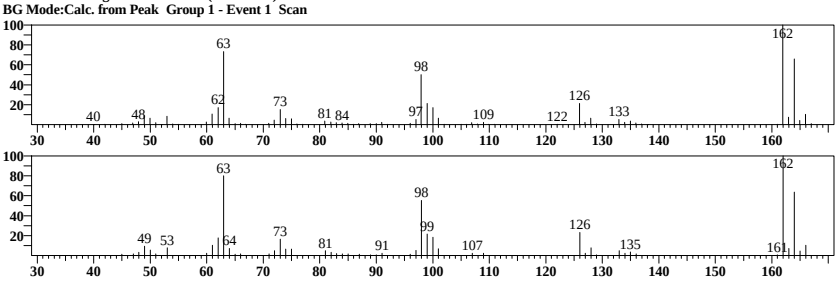
ID#:31 Name:2,4-Dichlorophenol Type:Target No Manual Integration

Mass:162.00 R.T:11.839 Area:220273 Conc:51.11515ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	63.00	85373	73.24	59.00
2	164.00	76772	65.86	65.54



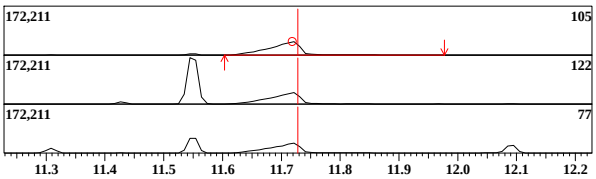
ID#:31 R.Time:11.839(Scan#:1687)
MassPeaks:70
RawMode:Averaged 11.830-11.849(1685-1689)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:32 Name:Benzoic Acid Type:Target Manual Integration Performed
Manual Reason: Baseline smoothing. CMN 12/1/2022

Mass:105.00 R.T:11.719 Area:190972 Conc:44.88991ppm
Event:1:Scan SI:75

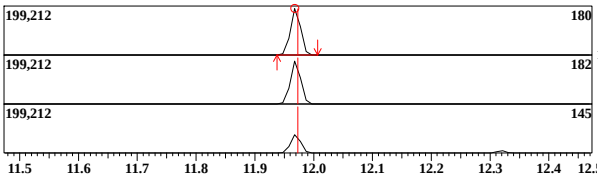
#	m/z	Area	Ratio	Reference
1	122.00	34020	83.55	76.85
2	77.00	30031	73.75	75.23



ID#:33 Name:1,2,4-Trichlorobenzene Type:Target No Manual Integration

Mass:180.00 R.T:11.968 Area:233769 Conc:51.24904ppm
Event:1:Scan SI:97

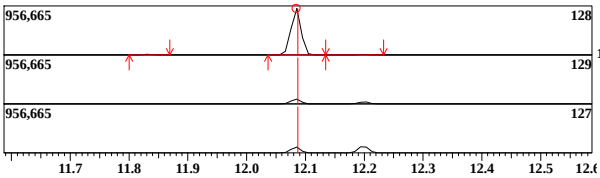
#	m/z	Area	Ratio	Reference
1	182.00	115791	92.89	91.21
2	145.00	49389	39.62	29.06



ID#:34 Name:Naphthalene Type:Target No Manual Integration

Mass:128.00 R.T:12.084 Area:1104110 Conc:49.03201ppm
Event:2:SIM SI:94

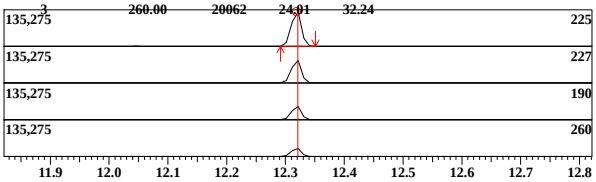
#	m/z	Area	Ratio	Reference
1	129.00	63222	10.73	10.48
2	127.00	74222	12.59	13.97



ID#:38 Name:Hexachlorobutadiene Type:Target No Manual Integration

Mass:225.00 R.T:12.319 Area:157589 Conc:50.31108ppm
Event:1:Scan SI:90

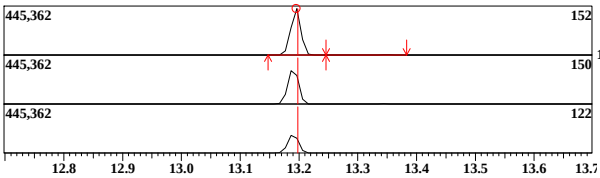
#	m/z	Area	Ratio	Reference
1	227.00	53442	63.96	64.03
2	190.00	31568	37.78	38.21
3	260.00	20062	24.01	32.24



ID#:40 Name:2-Methylnaphthalene-d10 Type:Target No Manual Integration

Mass:152.00 R.T:13.195 Area:513837 Conc:49.12015ppm
Event:2:SIM SI:98

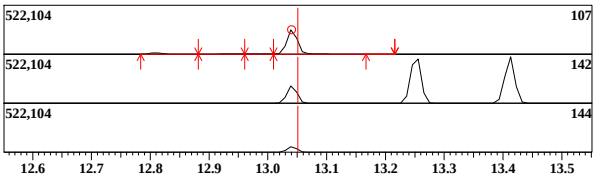
#	m/z	Area	Ratio	Reference
1	150.00	203534	74.75	58.54
2	122.00	105810	38.86	46.34



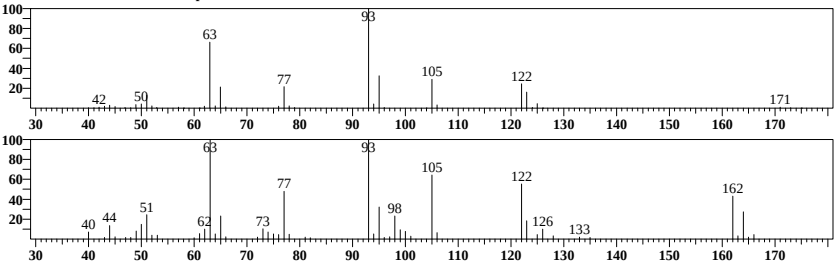
ID#:41 Name:4-Chloro-3-methylphenol Type:Target No Manual Integration

Mass:107.00 R.T:13.041 Area:346050 Conc:55.04082ppm
Event:1:Scan SI:99

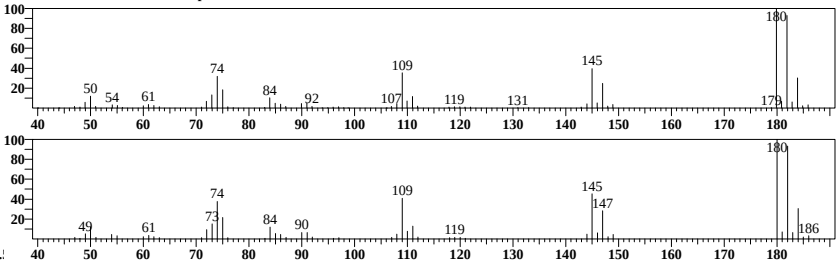
#	m/z	Area	Ratio	Reference
1	142.00	122369	71.31	60.24
2	144.00	39435	22.98	18.55



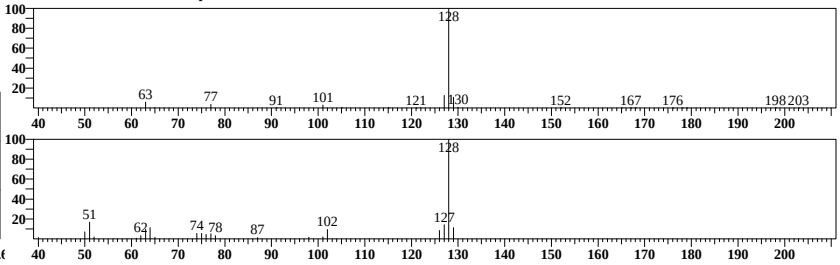
ID#:32 R.Time:11.721(Scan#:1663)
MassPeaks:40
RawMode:Averaged 11.712-11.731(1661-1665)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



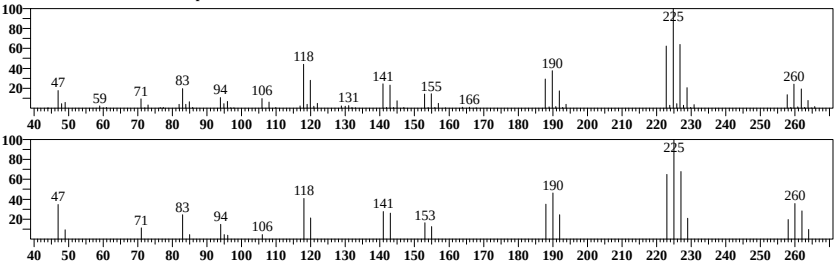
ID#:33 R.Time:11.967(Scan#:1713)
MassPeaks:64
RawMode:Averaged 11.958-11.977(1711-1715)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



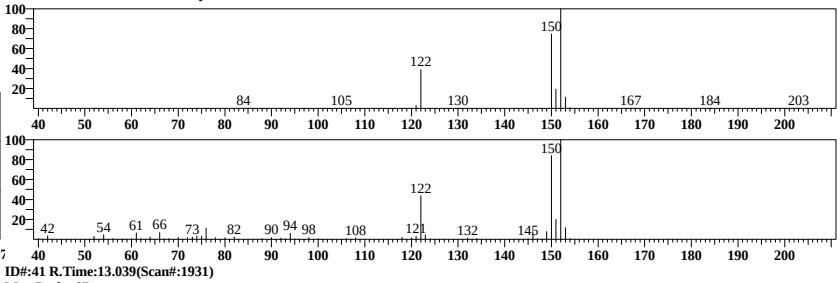
ID#:34 R.Time:12.085(Scan#:1738)
MassPeaks:22
RawMode:Averaged 12.076-12.095(1736-1740)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



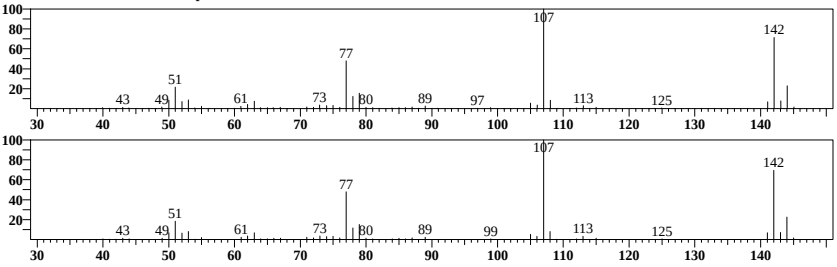
ID#:38 R.Time:12.321(Scan#:1785)
MassPeaks:76
RawMode:Averaged 12.312-12.331(1783-1787)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:40 R.Time:13.196(Scan#:1964)
MassPeaks:14
RawMode:Averaged 13.187-13.206(1962-1966)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



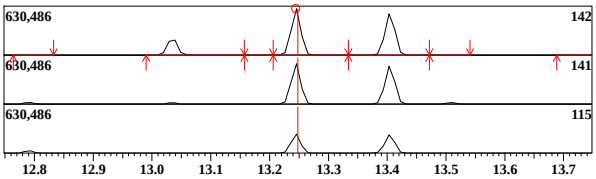
ID#:41 R.Time:13.039(Scan#:1931)
MassPeaks:67
RawMode:Averaged 13.029-13.049(1929-1933)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:43 Name:2-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.245 Area:706132 Conc:49.20932ppm
Event:2:SIM SI:98

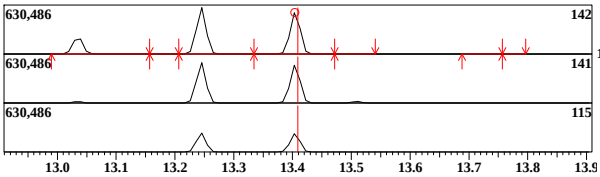
#	m/z	Area	Ratio	Reference
1	141.00	328838	86.56	68.04
2	115.00	155916	41.04	50.52



ID#:44 Name:1-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.404 Area:666040 Conc:48.93403ppm
Event:2:SIM SI:92

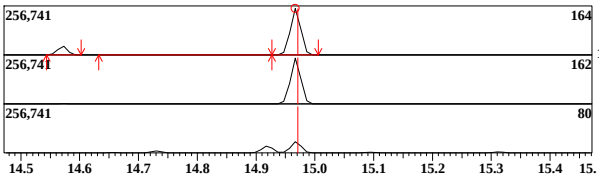
#	m/z	Area	Ratio	Reference
1	141.00	322089	90.66	72.83
2	115.00	156025	43.92	32.61



ID#:45 Name:Acenaphthene-d10 (IS) Type:ISTD No Manual Integration

Mass:164.00 R.T:14.967 Area:309240 Conc:40.00000ppm
Event:1:Scan SI:95

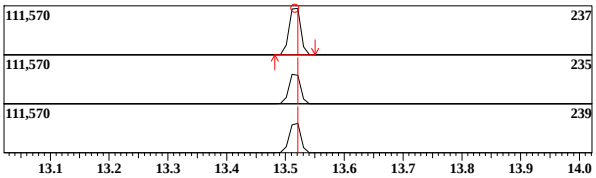
#	m/z	Area	Ratio	Reference
1	162.00	158767	96.90	95.44
2	80.00	26860	16.39	29.92



ID#:46 Name:Hexachlorocyclopentadiene Type:Target No Manual Integration

Mass:237.00 R.T:13.516 Area:149911 Conc:44.00203ppm
Event:1:Scan SI:62

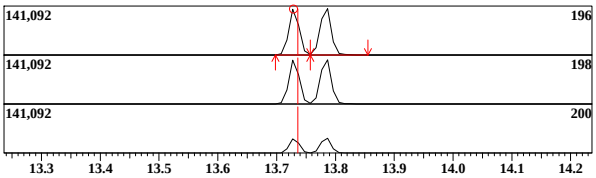
#	m/z	Area	Ratio	Reference
1	235.00	47762	62.54	58.98
2	239.00	47689	62.45	65.78



ID#:48 Name:2,4,6-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.729 Area:166884 Conc:51.25313ppm
Event:1:Scan SI:97

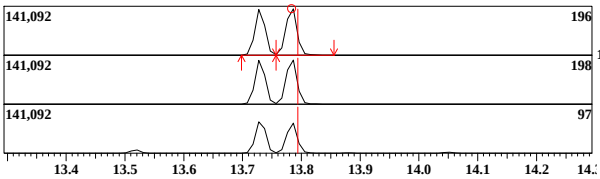
#	m/z	Area	Ratio	Reference
1	198.00	83365	96.23	94.42
2	200.00	27163	31.36	32.47



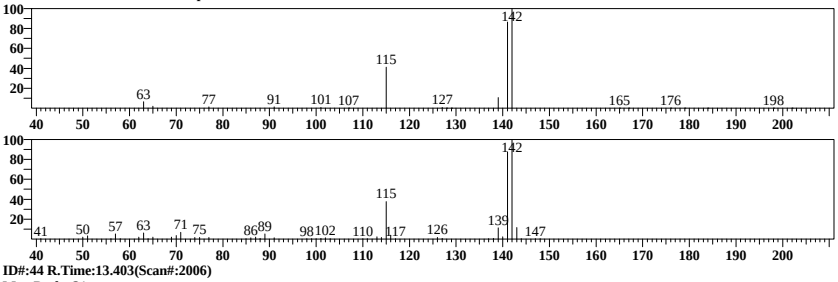
ID#:49 Name:2,4,5-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.784 Area:181714 Conc:51.21089ppm
Event:1:Scan SI:97

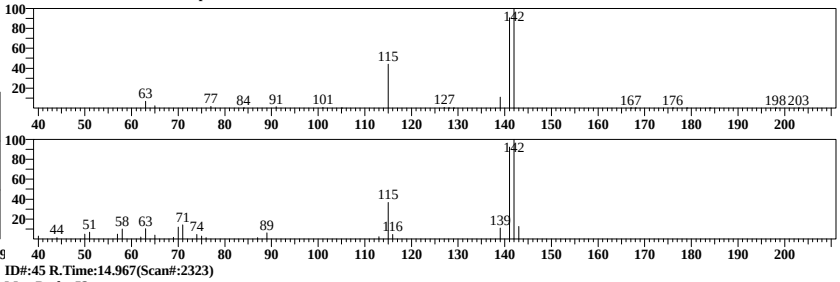
#	m/z	Area	Ratio	Reference
1	198.00	86973	96.05	97.81
2	97.00	57134	63.10	65.15



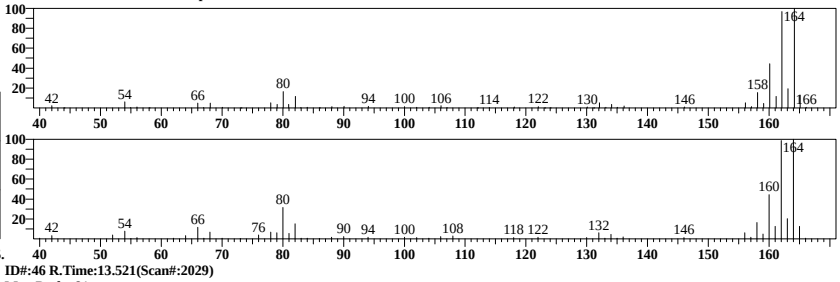
ID#:43 R.Time:13.246(Scan#:1974)
MassPeaks:20
RawMode:Averaged 13.236-13.256(1972-1976)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



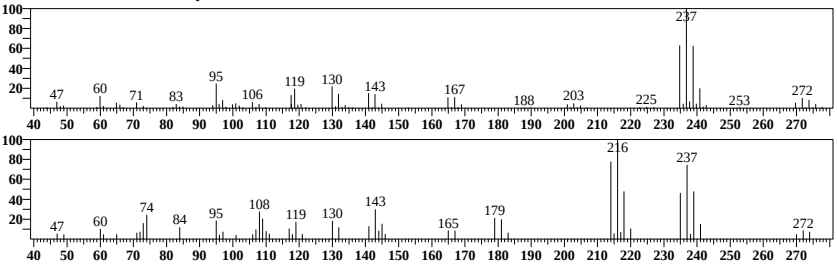
ID#:44 R.Time:13.403(Scan#:2006)
MassPeaks:21
RawMode:Averaged 13.393-13.413(2004-2008)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



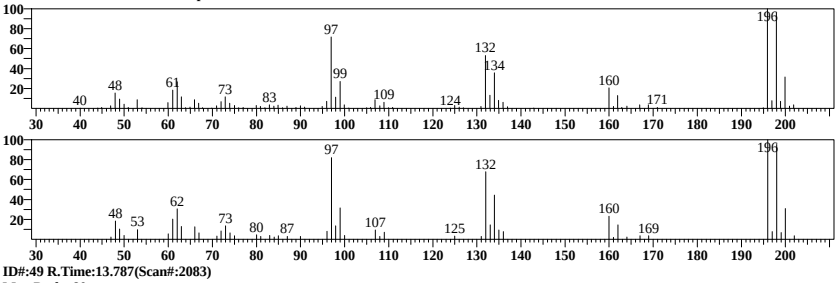
ID#:45 R.Time:14.967(Scan#:2323)
MassPeaks:52
RawMode:Averaged 14.957-14.976(2321-2325)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



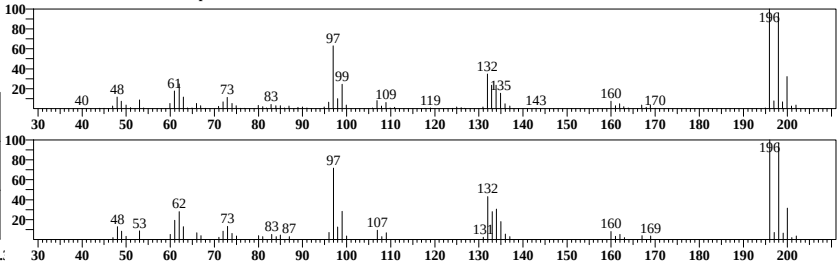
ID#:46 R.Time:13.521(Scan#:2029)
MassPeaks:81
RawMode:Averaged 13.511-13.531(2027-2031)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:48 R.Time:13.727(Scan#:2071)
MassPeaks:80
RawMode:Averaged 13.718-13.737(2069-2073)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



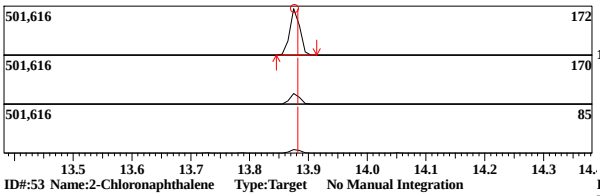
ID#:49 R.Time:13.787(Scan#:2083)
MassPeaks:80
RawMode:Averaged 13.777-13.796(2081-2085)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



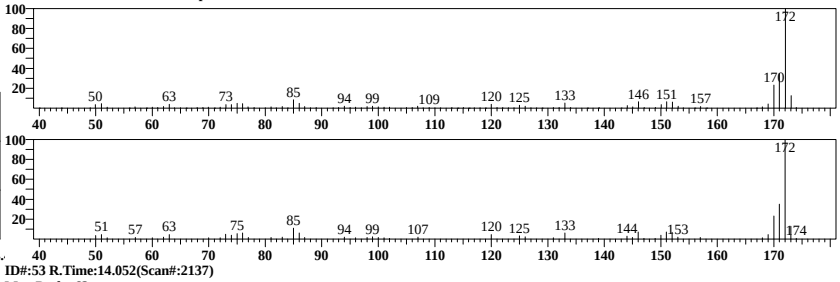
ID#:50 Name:2-Fluorobiphenyl Type:Surrogate/SMC No Manual Integration

Mass:172.00 R.T:13.876 Area:574841 Conc:51.26472ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	170.00	71154	23.01	22.48
2	85.00	25759	8.33	9.13



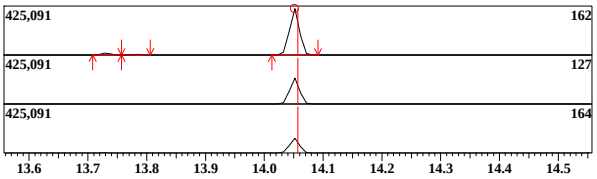
ID#:50 R.Time:13.875(Scan#:2101)
MassPeaks:100
RawMode:Averaged 13.865-13.885(2099-2103)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



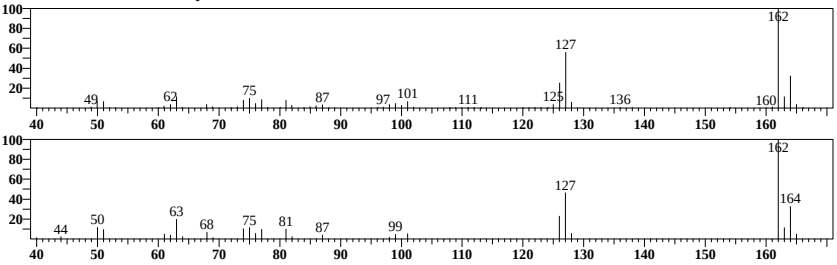
ID#:53 Name:2-Chloronaphthalene Type:Target No Manual Integration

Mass:162.00 R.T:14.051 Area:485366 Conc:44.84117ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	127.00	145102	55.93	48.49
2	164.00	83733	32.27	32.94



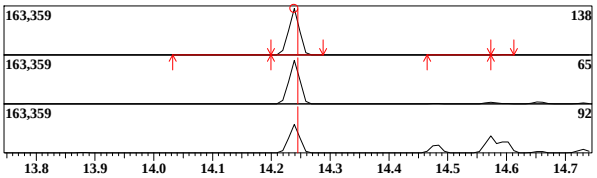
ID#:53 R.Time:14.052(Scan#:2137)
MassPeaks:62
RawMode:Averaged 14.042-14.062(2135-2139)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



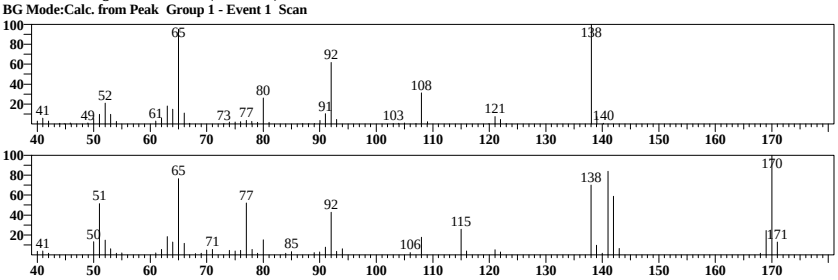
ID#:55 Name:2-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.238 Area:201184 Conc:51.63558ppm
Event:1:Scan SI:64

#	m/z	Area	Ratio	Reference
1	65.00	99892	95.16	101.46
2	92.00	64738	61.67	55.64



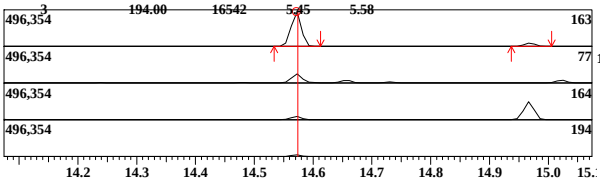
ID#:55 R.Time:14.239(Scan#:2175)
MassPeaks:48
RawMode:Averaged 14.229-14.249(2173-2177)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



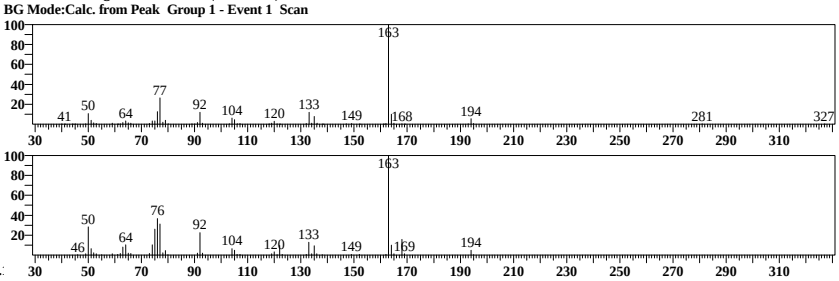
ID#:57 Name:Dimethyl phthalate Type:Target No Manual Integration

Mass:163.00 R.T:14.572 Area:570338 Conc:50.59681ppm
Event:1:Scan SI:87

#	m/z	Area	Ratio	Reference
1	77.00	80471	26.51	29.31
2	164.00	30271	9.97	10.65
3	194.00	16542	5.45	5.58



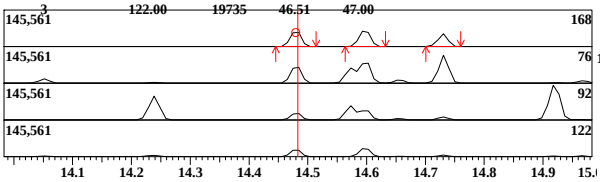
ID#:57 R.Time:14.573(Scan#:2243)
MassPeaks:60
RawMode:Averaged 14.563-14.583(2241-2245)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



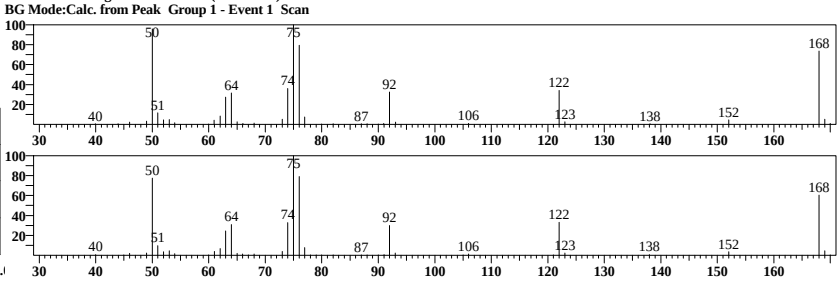
ID#:58 Name:1,3-Dinitrobenzene Type:Target No Manual Integration

Mass:168.00 R.T:14.480 Area:83260 Conc:48.83961ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	76.00	45936	108.26	100.00
2	92.00	18687	44.04	44.00
3	122.00	19735	46.51	47.00



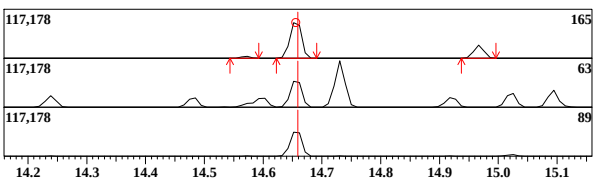
ID#:58 R.Time:14.475(Scan#:2223)
MassPeaks:38
RawMode:Averaged 14.465-14.485(2221-2225)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



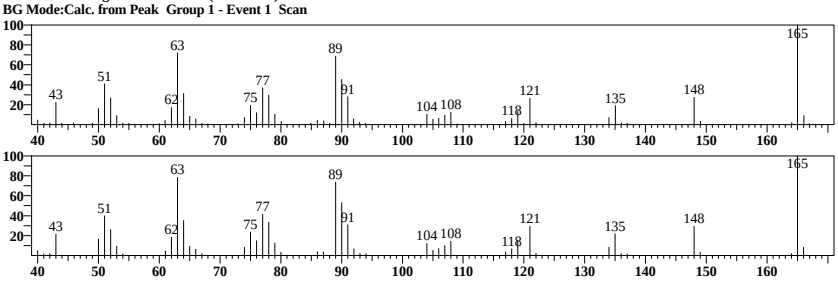
ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT) Type:Target No Manual Integration

Mass:165.00 R.T:14.656 Area:123740 Conc:51.19762ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	63.00	46343	71.91	89.00
2	89.00	44193	68.58	65.00



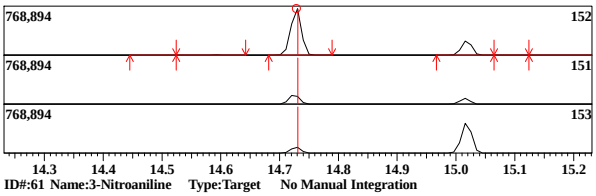
ID#:59 R.Time:14.652(Scan#:2259)
MassPeaks:62
RawMode:Averaged 14.642-14.662(2257-2261)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:60 Name:Acenaphthylene Type:Target No Manual Integration

Mass:152.00 R.T:14.729 Area:936617 Conc:49.52724ppm
Event:2:SIM SI:98

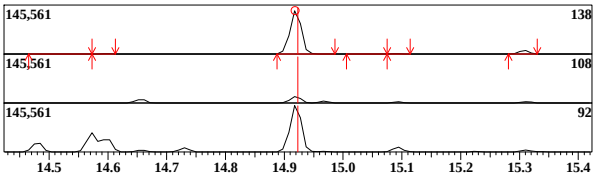
#	m/z	Area	Ratio	Reference
1	151.00	96384	19.68	14.97
2	153.00	62272	12.72	5.44



ID#:61 Name:3-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.919 Area:176974 Conc:54.57202ppm
Event:1:Scan SI:98

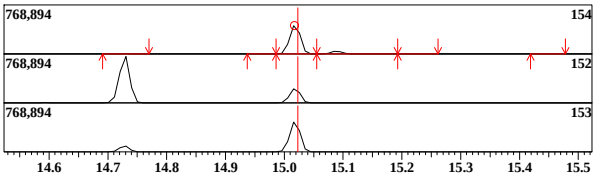
#	m/z	Area	Ratio	Reference
1	108.00	13194	14.40	16.00
2	92.00	99496	108.59	101.00



ID#:62 Name:Acenaphthene Type:Target No Manual Integration

Mass:154.00 R.T:15.018 Area:586415 Conc:46.72907ppm
Event:2:SIM SI:98

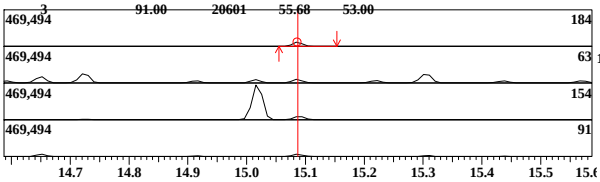
#	m/z	Area	Ratio	Reference
1	152.00	154922	50.09	59.49
2	153.00	322040	104.12	105.06



ID#:63 Name:2,4-Dinitrophenol Type:Target Manual Integration Performed
Manual Reason: Baseline smoothing. CMN 12/1/2022

Mass:184.00 R.T:15.086 Area:74015 Conc:50.93626ppm
Event:2:SIM SI:97

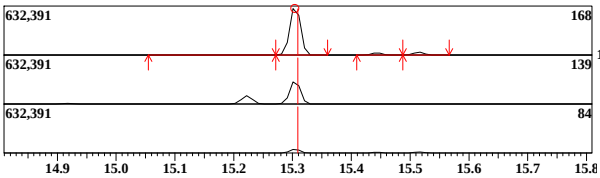
#	m/z	Area	Ratio	Reference
1	63.00	30263	81.79	90.00
2	154.00	29751	80.41	64.00
3	91.00	20601	55.68	53.00



ID#:65 Name:Dibenzofuran Type:Target No Manual Integration

Mass:168.00 R.T:15.304 Area:819802 Conc:48.38712ppm
Event:2:SIM SI:96

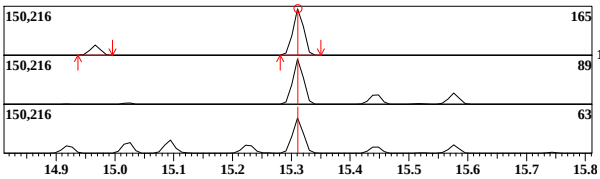
#	m/z	Area	Ratio	Reference
1	139.00	200862	47.13	44.93
2	84.00	33404	7.84	10.15



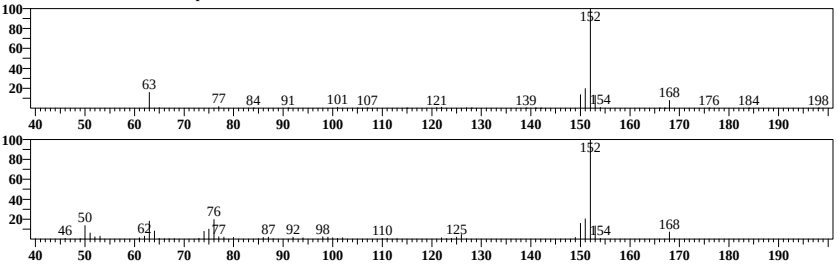
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT) Type:Target No Manual Integration

Mass:165.00 R.T:15.312 Area:183244 Conc:52.55169ppm
Event:1:Scan SI:97

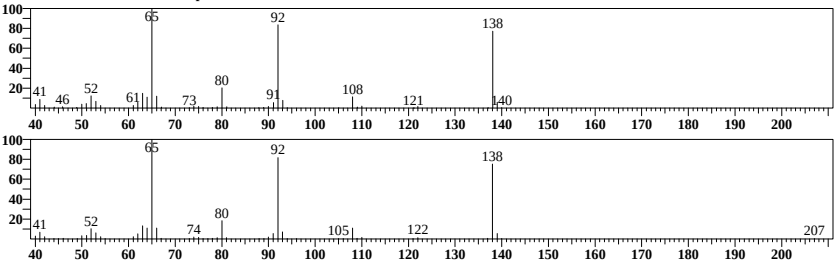
#	m/z	Area	Ratio	Reference
1	89.00	94072	96.46	96.00
2	63.00	73664	75.53	80.00



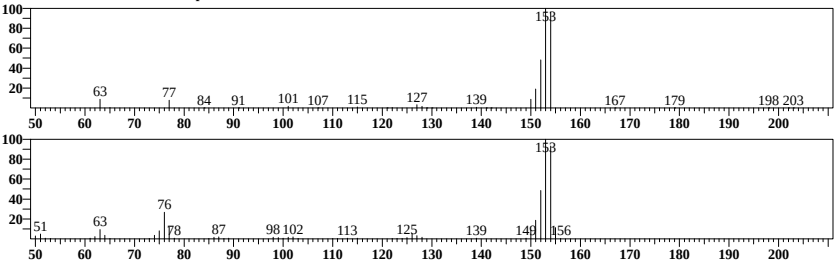
ID#:60 R.Time:14.731(Scan#:2276)
MassPeaks:27
RawMode:Averaged 14.721-14.740(2274-2278)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



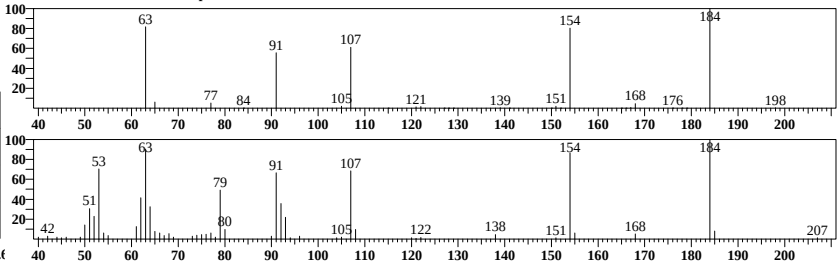
ID#:61 R.Time:14.917(Scan#:2313)
MassPeaks:43
RawMode:Averaged 14.908-14.927(2311-2315)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



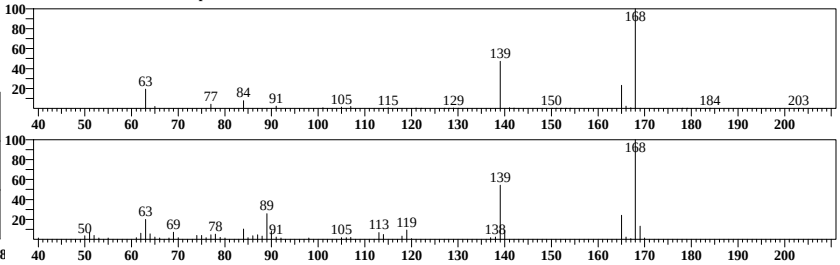
ID#:62 R.Time:15.016(Scan#:2334)
MassPeaks:27
RawMode:Averaged 15.006-15.025(2332-2336)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



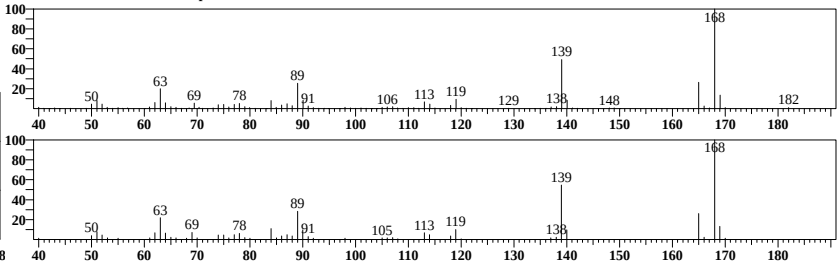
ID#:63 R.Time:15.085(Scan#:2348)
MassPeaks:28
RawMode:Averaged 15.075-15.094(2346-2350)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



ID#:65 R.Time:15.301(Scan#:2392)
MassPeaks:31
RawMode:Averaged 15.291-15.311(2390-2394)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



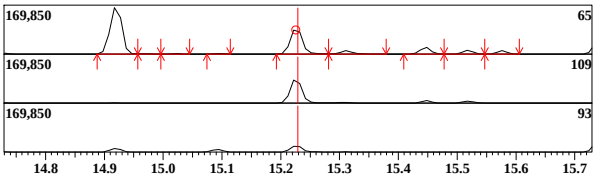
ID#:66 R.Time:15.311(Scan#:2393)
MassPeaks:93
RawMode:Averaged 15.301-15.320(2391-2395)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



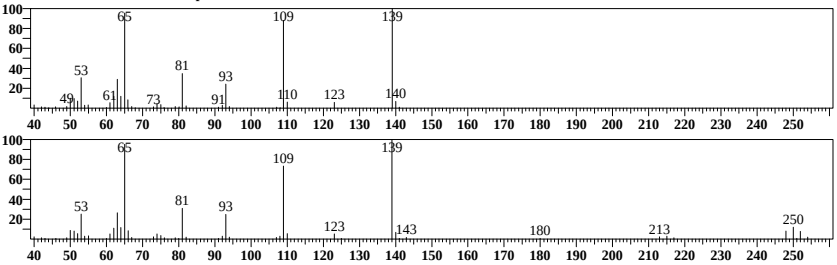
ID#:67 Name:4-Nitrophenol Type:Target No Manual Integration

Mass:65.00 R.T:15.226 Area:130413 Conc:50.91820ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	109.00	57329	92.22	97.00
2	93.00	15657	25.19	21.72



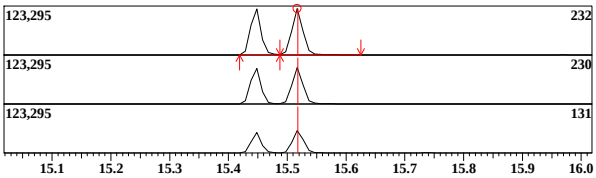
ID#:67 R.Time:15.222(Scan#:2375)
MassPeaks:41
RawMode:Averaged 15.212-15.232(2373-2377)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



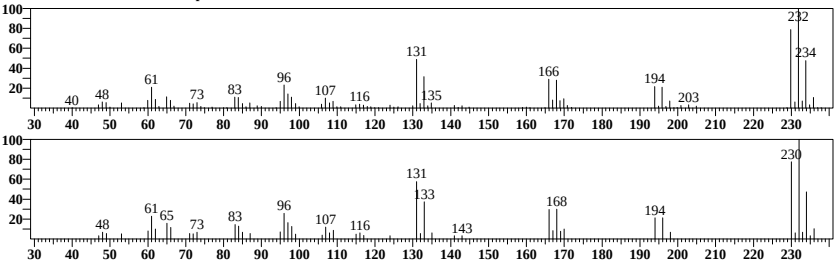
ID#:68 Name:2,3,4,6-Tetrachlorophenol Type:Target No Manual Integration

Mass:232.00 R.T:15.517 Area:156302 Conc:52.09398ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	230.00	60702	78.81	75.09
2	131.00	37592	48.81	41.75



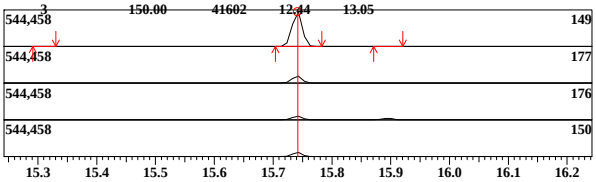
ID#:68 R.Time:15.517(Scan#:2435)
MassPeaks:93
RawMode:Averaged 15.507-15.527(2433-2437)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



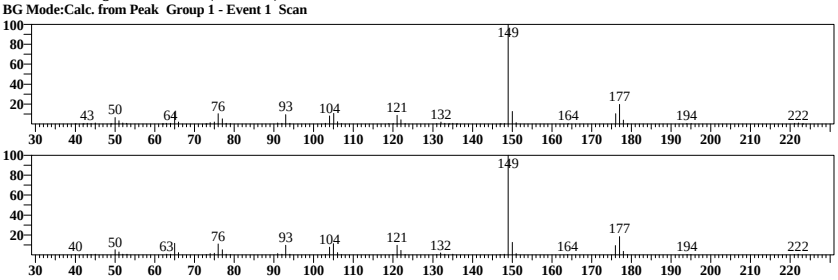
ID#:69 Name:Diethyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:15.742 Area:633089 Conc:51.56084ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	177.00	66095	19.76	23.56
2	176.00	34140	10.21	10.95
3	150.00	41602	12.44	13.05



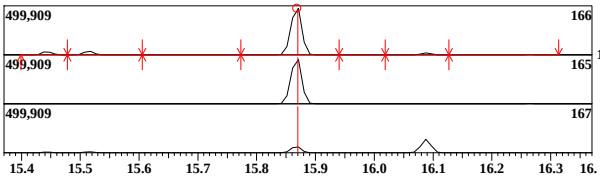
ID#:69 R.Time:15.743(Scan#:2481)
MassPeaks:57
RawMode:Averaged 15.733-15.753(2479-2483)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



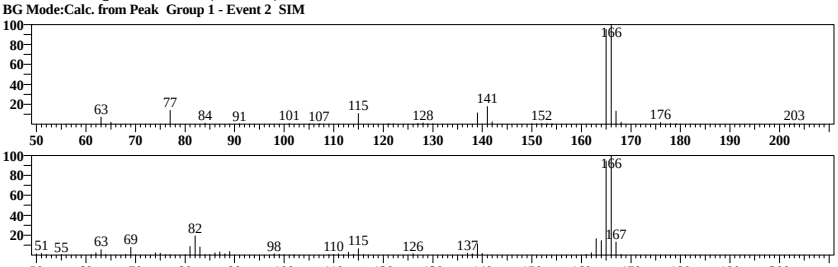
ID#:70 Name:FluoreneType:Target No Manual Integration

Mass:166.00 R.T:15.868 Area:641699 Conc:47.02448ppm
Event:2:SIM SI:94

#	m/z	Area	Ratio	Reference
1	165.00	312930	95.13	75.42
2	167.00	43183	13.13	3.39



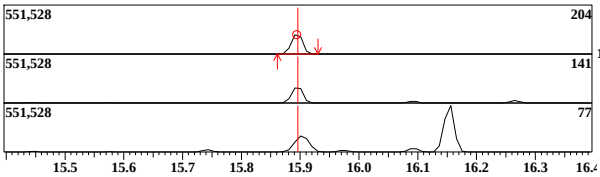
ID#:70 R.Time:15.871(Scan#:2508)
MassPeaks:32
RawMode:Averaged 15.861-15.881(2506-2510)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



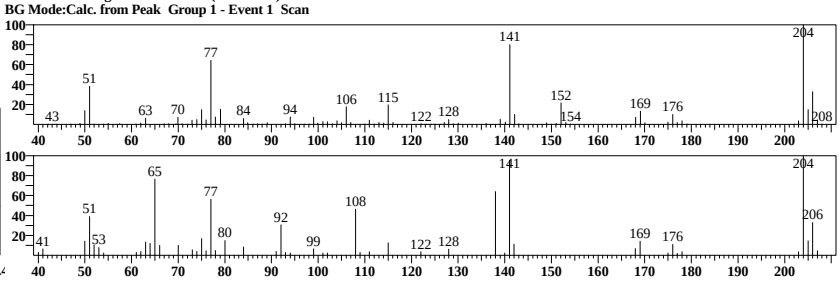
ID#:71 Name:4-Chlorophenyl phenyl ether Type:Target No Manual Integration

Mass:204.00 R.T:15.894 Area:308197 Conc:50.73287ppm
Event:1:Scan SI:70

#	m/z	Area	Ratio	Reference
1	141.00	128933	80.09	98.00
2	77.00	103451	64.26	53.19



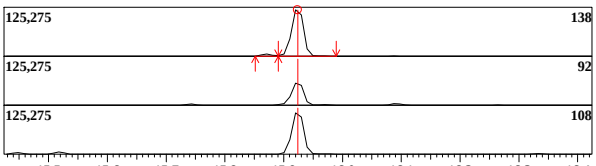
ID#:71 R.Time:15.891(Scan#:2511)
MassPeaks:90
RawMode:Averaged 15.881-15.901(2509-2513)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



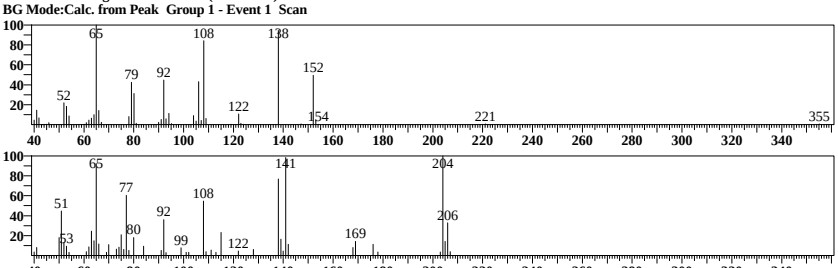
ID#:72 Name:4-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:15.924 Area:176958 Conc:58.62481ppm
Event:1:Scan SI:49

#	m/z	Area	Ratio	Reference
1	92.00	41959	47.35	64.55
2	108.00	79088	89.25	83.01



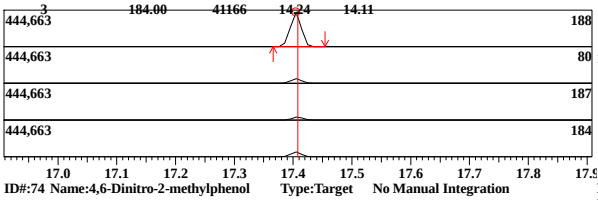
ID#:72 R.Time:15.920(Scan#:2517)
MassPeaks:45
RawMode:Averaged 15.911-15.930(2515-2519)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:73 Name:Phenanthrene-d10 (IS) Type:ISTD No Manual Integration

Mass:188.00 R.T:17.405 Area:557016 Conc:40.00000ppm
Event:1:Scan SI:97

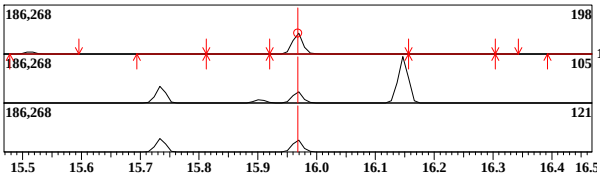
#	m/z	Area	Ratio	Reference
1	80.00	38383	13.27	15.93
2	187.00	25727	8.90	10.00
3	184.00	41166	14.24	14.11



ID#:74 Name:4,6-Dinitro-2-methylphenol Type:Target No Manual Integration

Mass:198.00 R.T:15.968 Area:104828 Conc:54.13473ppm
Event:2:SIM SI:54

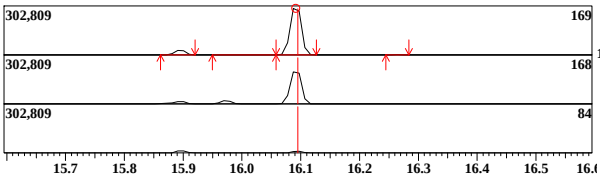
#	m/z	Area	Ratio	Reference
1	105.00	6087	* 11.55	55.83
2	121.00	29703	56.36	44.01



ID#:75 Name:N-NitrosodiphenylamineType:Target No Manual Integration

Mass:169.00 R.T:16.092 Area:407421 Conc:42.27841ppm
Event:1:Scan SI:98

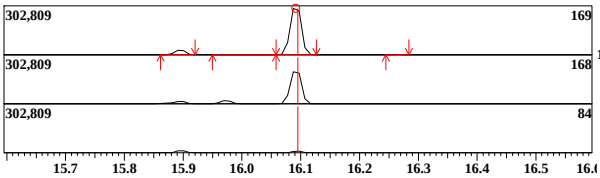
#	m/z	Area	Ratio	Reference
1	168.00	147245	69.49	64.38
2	84.00	6969	3.29	2.92



ID#:76 Name:Diphenylamine Type:Target No Manual Integration

Mass:169.00 R.T:16.092 Area:407421 Conc:42.27841ppm
Event:1:Scan SI:98

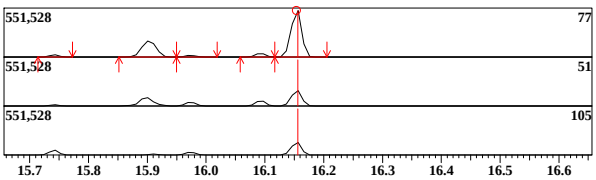
#	m/z	Area	Ratio	Reference
1	168.00	147245	69.49	64.38
2	84.00	6969	3.29	2.92



ID#:77 Name:1,2-Diphenylhydrazine Type:Target No Manual Integration

Mass:77.00 R.T:16.154 Area:671162 Conc:52.01702ppm
Event:1:Scan SI:96

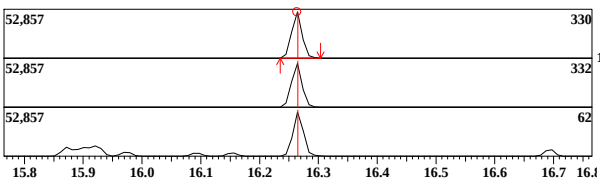
#	m/z	Area	Ratio	Reference
1	51.00	118153	33.70	21.73
2	105.00	95053	27.11	6.07



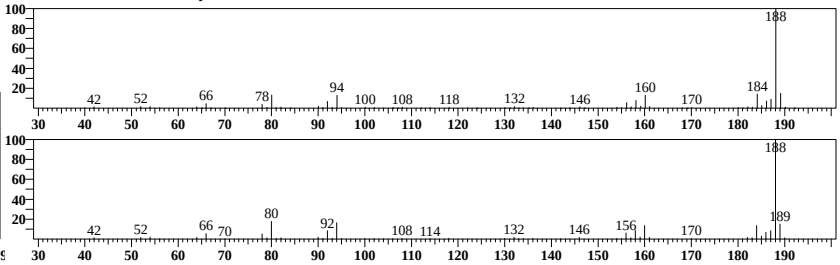
ID#:78 Name:2,4,6-Tribromophenol Type:Surrogate/SMC No Manual Integration

Mass:330.00 R.T:16.264 Area:63193 Conc:49.77102ppm
Event:1:Scan SI:71

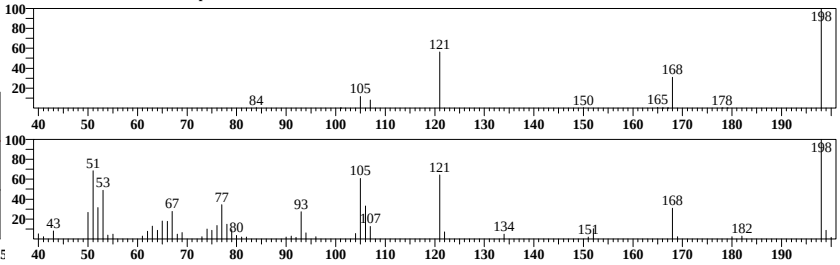
#	m/z	Area	Ratio	Reference
1	332.00	31441	95.37	100.00
2	62.00	31341	95.06	97.00



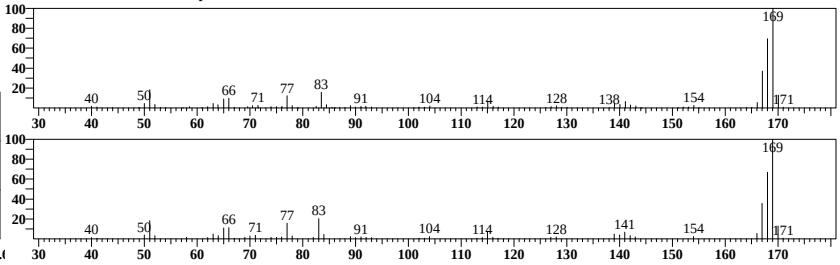
ID#:73 R.Time:17.405(Scan#:2819)
MassPeaks:67
RawMode:Averaged 17.395-17.415(2817-2821)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



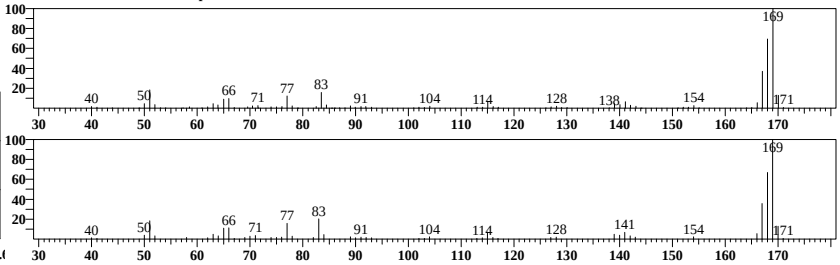
ID#:74 R.Time:15.970(Scan#:2528)
MassPeaks:13
RawMode:Averaged 15.960-15.979(2526-2530)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



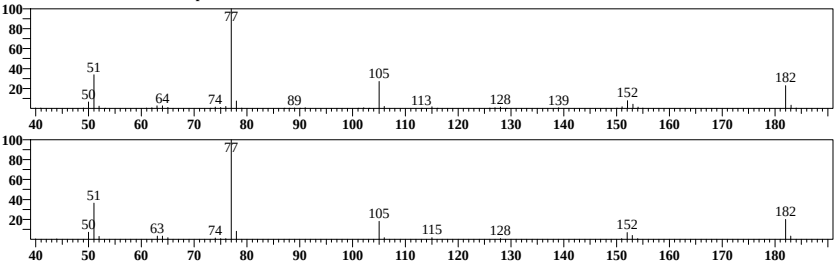
ID#:75 R.Time:16.087(Scan#:2551)
MassPeaks:74
RawMode:Averaged 16.078-16.097(2549-2553)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



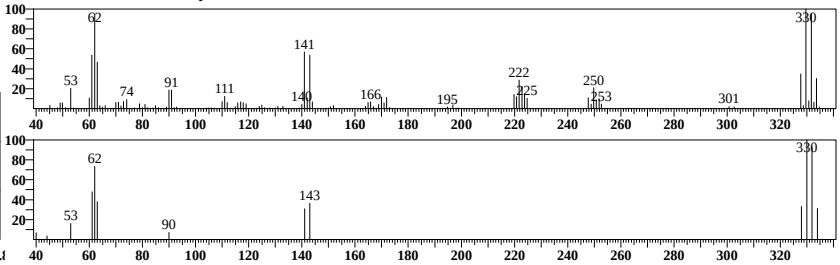
ID#:76 R.Time:16.087(Scan#:2551)
MassPeaks:74
RawMode:Averaged 16.078-16.097(2549-2553)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:77 R.Time:16.156(Scan#:2565)
MassPeaks:46
RawMode:Averaged 16.147-16.166(2563-2567)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



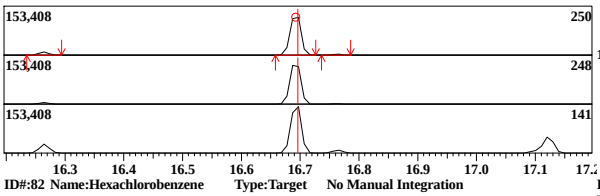
ID#:78 R.Time:16.265(Scan#:2587)
MassPeaks:95
RawMode:Averaged 16.255-16.274(2585-2589)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



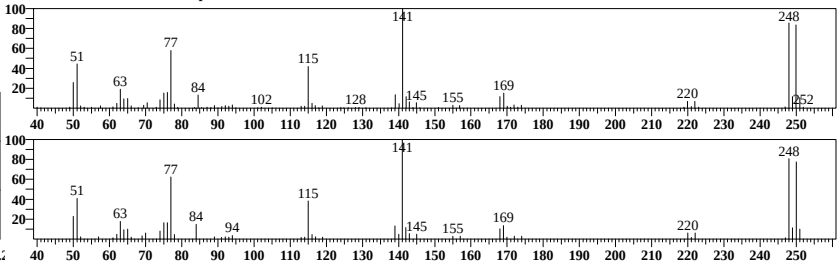
ID#:81 Name:4-Bromophenyl phenyl ether Type:Target No Manual Integration

Mass:250.00 R.T:16.692 Area:165534 Conc:51.75651ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	248.00	86425	102.35	105.86
2	141.00	100908	119.50	137.00



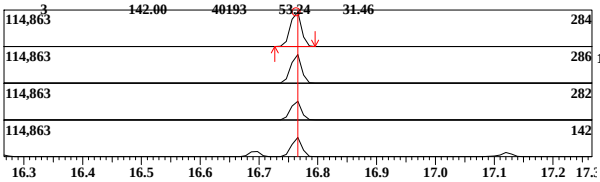
ID#:81 R.Time:16.697(Scan#:2675)
MassPeaks:83
RawMode:Averaged 16.687-16.707(2673-2677)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



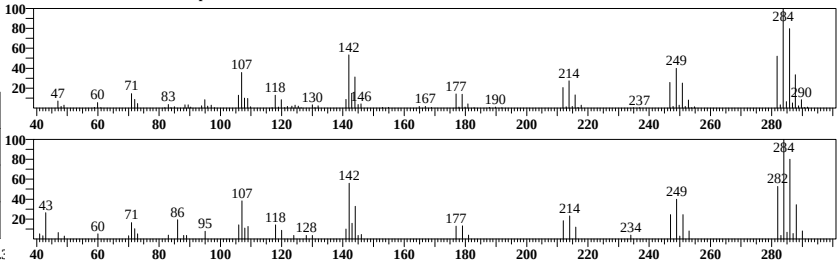
ID#:82 Name:Hexachlorobenzene Type:Target No Manual Integration

Mass:284.00 R.T:16.763 Area:145471 Conc:49.89916ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	286.00	60128	79.64	79.72
2	282.00	39439	52.24	51.93
3	142.00	40193	53.24	31.46



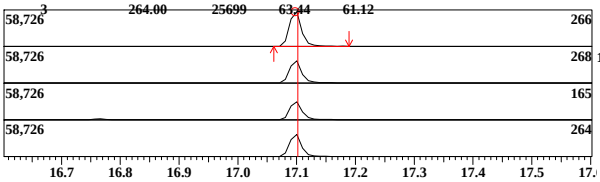
ID#:82 R.Time:16.766(Scan#:2689)
MassPeaks:88
RawMode:Averaged 16.756-16.776(2687-2691)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



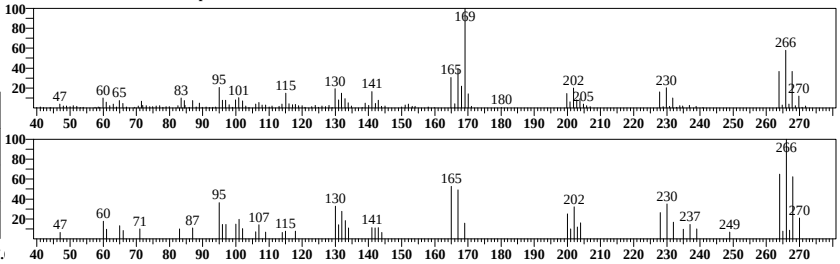
ID#:84 Name:Pentachlorophenol Type:Target No Manual Integration

Mass:266.00 R.T:17.098 Area:83889 Conc:51.25927ppm
Event:1:Scan SI:78

#	m/z	Area	Ratio	Reference
1	268.00	25690	63.41	59.97
2	165.00	21266	52.49	41.42
3	264.00	25699	63.44	61.12



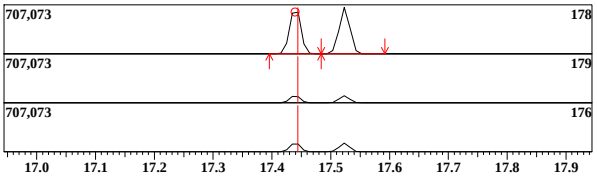
ID#:84 R.Time:17.100(Scan#:2757)
MassPeaks:137
RawMode:Averaged 17.090-17.110(2755-2759)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



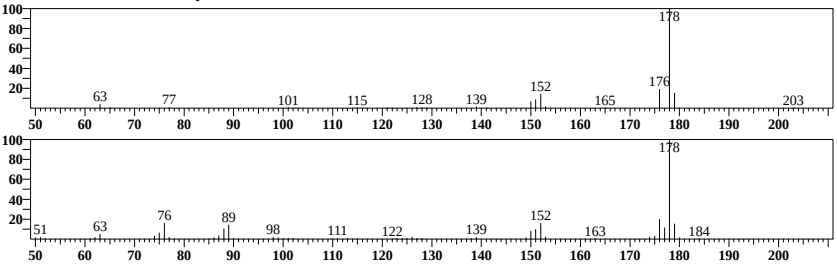
ID#:87 Name:Phenanthrene Type:Target No Manual Integration

Mass:178.00 R.T:17.440 Area:896062 Conc:48.34205ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	179.00	67175	15.06	15.63
2	176.00	85063	19.07	18.75



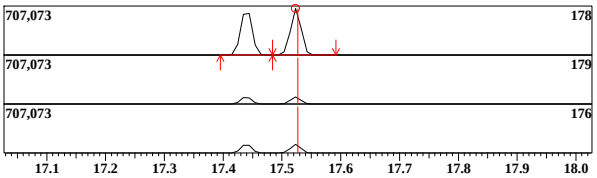
ID#:87 R.Time:17.445(Scan#:2828)
MassPeaks:21
RawMode:Averaged 17.435-17.454(2826-2830)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



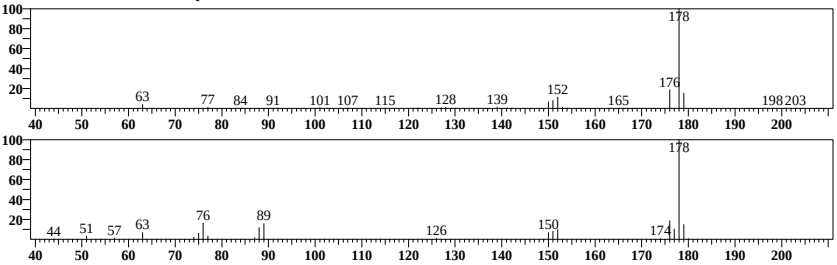
ID#:88 Name:Anthracene Type:Target No Manual Integration

Mass:178.00 R.T:17.523 Area:871514 Conc:45.16384ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	179.00	69853	15.27	12.08
2	176.00	85033	18.59	20.60



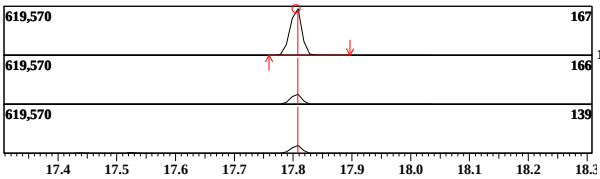
ID#:88 R.Time:17.523(Scan#:2844)
MassPeaks:30
RawMode:Averaged 17.513-17.533(2842-2846)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



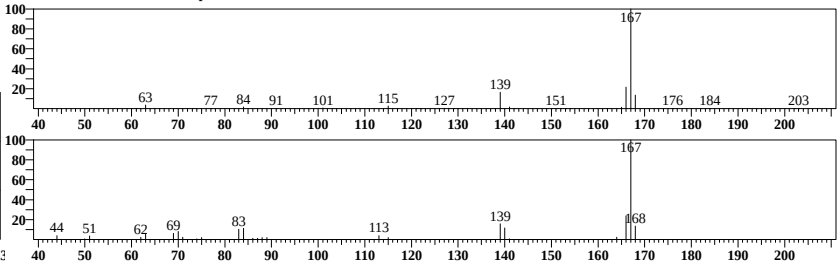
ID#:89 Name:Carbazole Type:Target No Manual Integration

Mass:167.00 R.T:17.805 Area:832514 Conc:48.47390ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	166.00	89378	21.67	20.96
2	139.00	67314	16.32	12.92



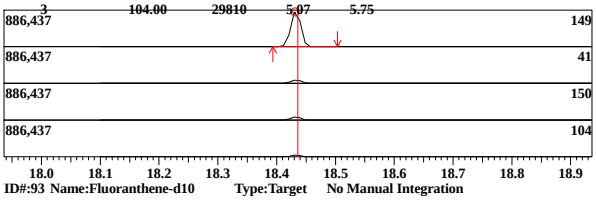
ID#:89 R.Time:17.808(Scan#:2902)
MassPeaks:29
RawMode:Averaged 17.799-17.818(2900-2904)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



ID#:90 Name:Di-n-butyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:18.432 Area:1043561 Conc:51.52368ppm
Event:1:Scan SI:94

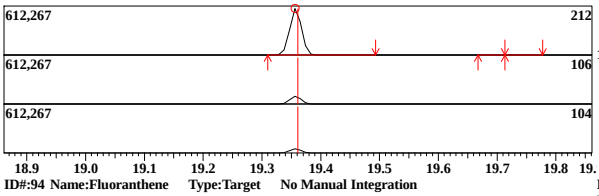
#	m/z	Area	Ratio	Reference
1	41.00	55825	9.49	10.41
2	150.00	53546	9.10	8.84
3	104.00	29810	5.07	5.75



ID#:93 Name:Fluoranthene-d10 Type:Target No Manual Integration

Mass:212.00 R.T:19.357 Area:840813 Conc:48.67283ppm
Event:2:SIM SI:97

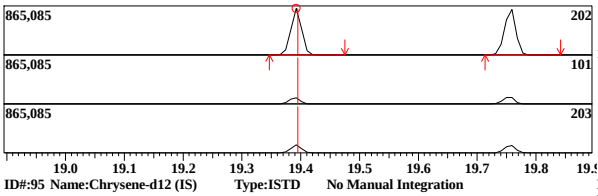
#	m/z	Area	Ratio	Reference
1	106.00	73219	16.68	22.08
2	104.00	39333	8.96	12.34



ID#:94 Name:Fluoranthene Type:Target No Manual Integration

Mass:202.00 R.T:19.392 Area:1064299 Conc:46.80039ppm
Event:2:SIM SI:97

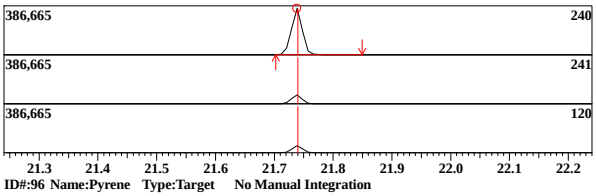
#	m/z	Area	Ratio	Reference
1	101.00	79724	13.70	14.12
2	203.00	99118	17.04	6.47



ID#:95 Name:Chrysene-d12 (IS) Type:ISTD No Manual Integration

Mass:240.00 R.T:21.738 Area:485582 Conc:40.00000ppm
Event:1:Scan SI:94

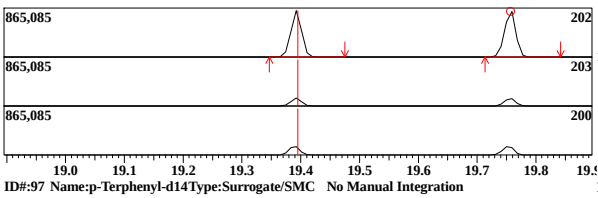
#	m/z	Area	Ratio	Reference
1	241.00	49751	19.16	19.13
2	120.00	40062	15.43	14.79



ID#:96 Name:Pyrene Type:Target No Manual Integration

Mass:202.00 R.T:19.757 Area:1092724 Conc:47.91037ppm
Event:2:SIM SI:92

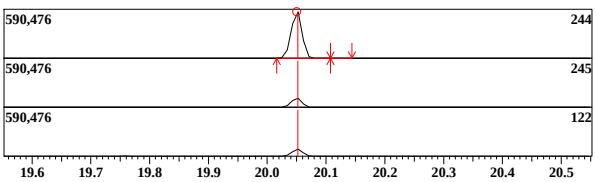
#	m/z	Area	Ratio	Reference
1	203.00	96767	16.82	18.13
2	200.00	103777	18.03	4.68



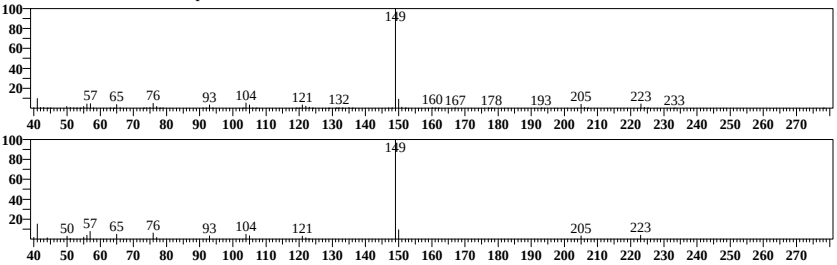
ID#:97 Name:p-Terphenyl-d14Type:Surrogate/SMC No Manual Integration

Mass:244.00 R.T:20.051 Area:731401 Conc:50.60971ppm
Event:1:Scan SI:89

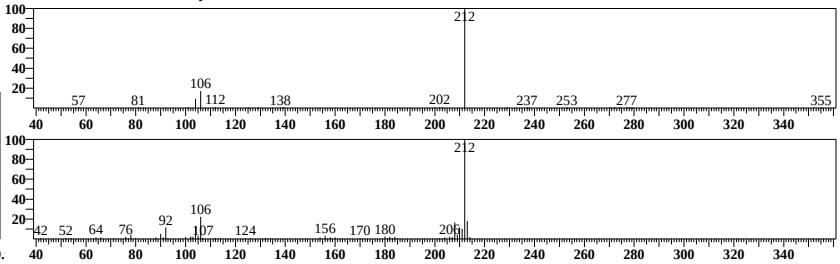
#	m/z	Area	Ratio	Reference
1	245.00	76446	19.30	19.16
2	122.00	60937	15.38	13.22



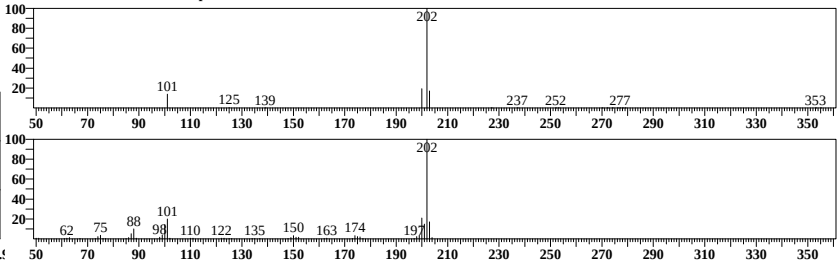
ID#:90 R.Time:18.430(Scan#:3021)
MassPeaks:68
RawMode:Averaged 18.421-18.439(3019-3023)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



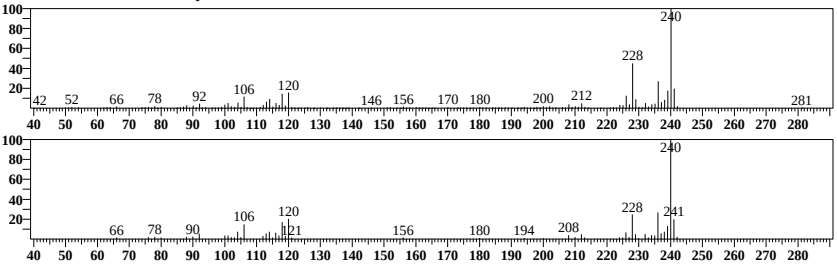
ID#:93 R.Time:19.356(Scan#:3224)
MassPeaks:24
RawMode:Averaged 19.347-19.365(3222-3226)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



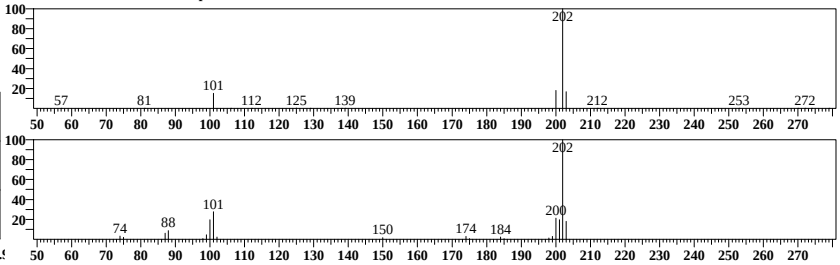
ID#:94 R.Time:19.392(Scan#:3232)
MassPeaks:19
RawMode:Averaged 19.383-19.402(3230-3234)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



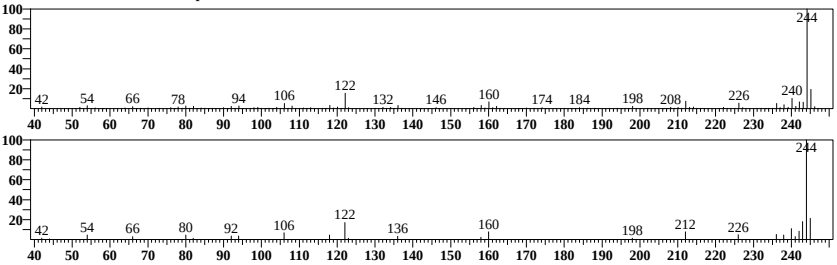
ID#:95 R.Time:21.739(Scan#:3743)
MassPeaks:146
RawMode:Averaged 21.730-21.748(3741-3745)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



ID#:96 R.Time:19.759(Scan#:3312)
MassPeaks:18
RawMode:Averaged 19.750-19.768(3310-3314)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



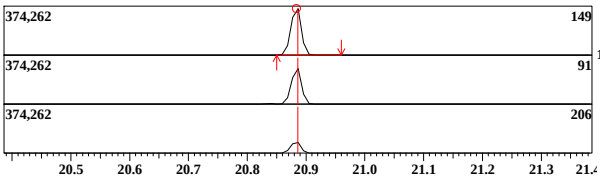
ID#:97 R.Time:20.053(Scan#:3375)
MassPeaks:132
RawMode:Averaged 20.043-20.062(3373-3377)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



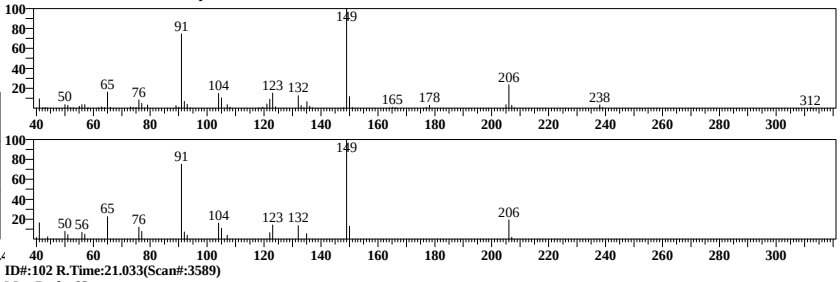
ID#:101 Name:Butyl benzyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:20.884 Area:459031 Conc:53.08882ppm
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	91.00	183461	74.47	92.95
2	206.00	57751	23.44	26.43



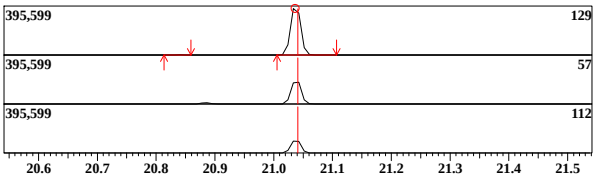
ID#:101 R.Time:20.887(Scan#:3557)
MassPeaks:63
RawMode:Averaged 20.878-20.896(3555-3559)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



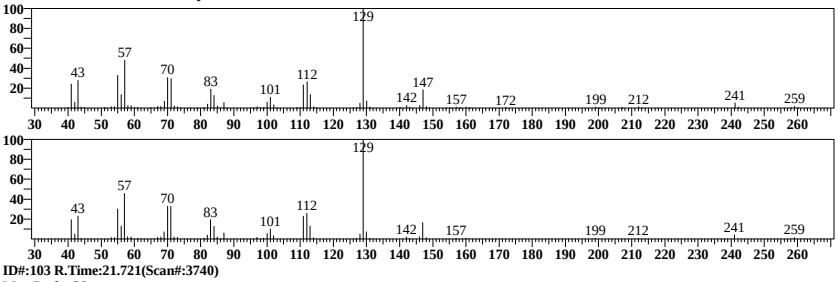
ID#:102 Name:Di(2-ethylhexyl) adipate Type:Target No Manual Integration

Mass:129.00 R.T:21.037 Area:481695 Conc:51.73763ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	57.00	128237	48.01	40.00
2	112.00	70686	26.47	27.60



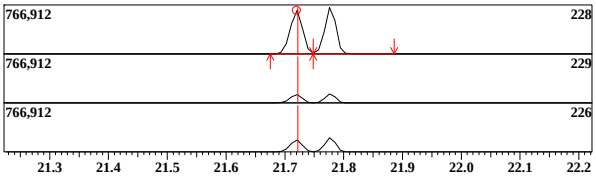
ID#:102 R.Time:21.033(Scan#:3589)
MassPeaks:82
RawMode:Averaged 21.024-21.043(3587-3591)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



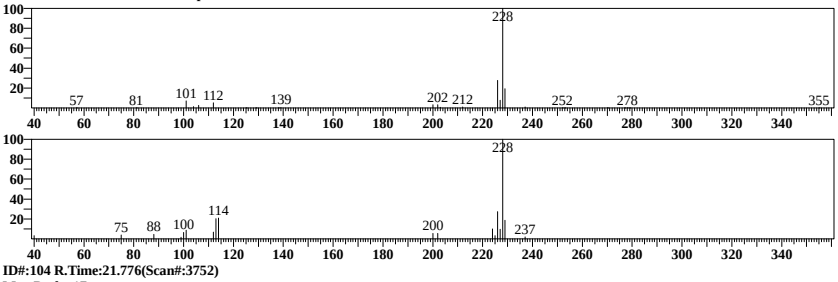
ID#:103 Name:Benzo[a]anthracene Type:Target No Manual Integration

Mass:228.00 R.T:21.720 Area:1013573 Conc:49.39545ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	229.00	98553	19.35	27.13
2	226.00	140791	27.64	24.70



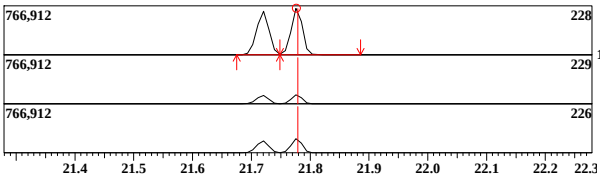
ID#:103 R.Time:21.721(Scan#:3740)
MassPeaks:26
RawMode:Averaged 21.712-21.730(3738-3742)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



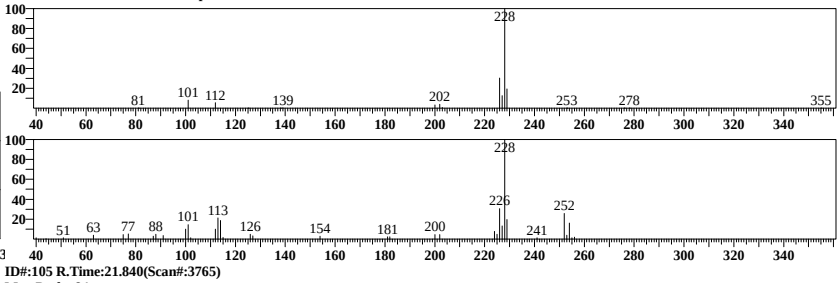
ID#:104 Name:Chrysene Type:Target No Manual Integration

Mass:228.00 R.T:21.777 Area:981422 Conc:47.82921ppm
Event:2:SIM SI:80

#	m/z	Area	Ratio	Reference
1	229.00	100695	19.37	27.13
2	226.00	157075	30.22	24.70



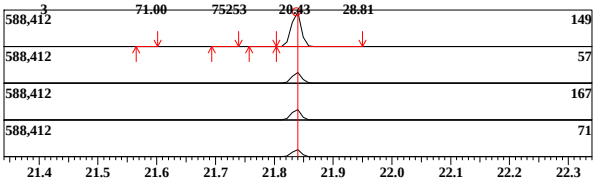
ID#:104 R.Time:21.776(Scan#:3752)
MassPeaks:17
RawMode:Averaged 21.767-21.785(3750-3754)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



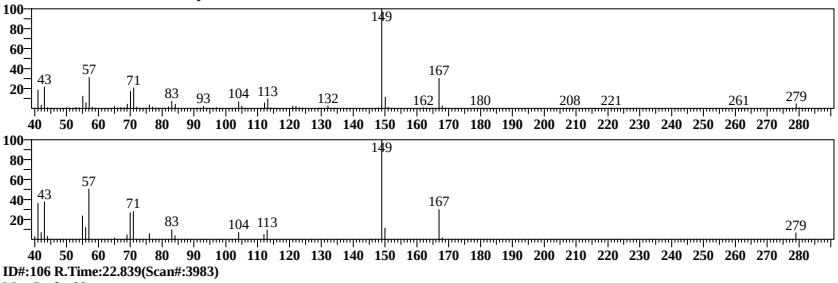
ID#:105 Name:Bis(2-Ethylhexyl) phthalate Type:Target No Manual Integration

Mass:149.00 R.T:21.838 Area:664987 Conc:52.41772ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	57.00	115311	31.31	45.69
2	167.00	111445	30.26	32.70
3	71.00	75253	20.43	28.81



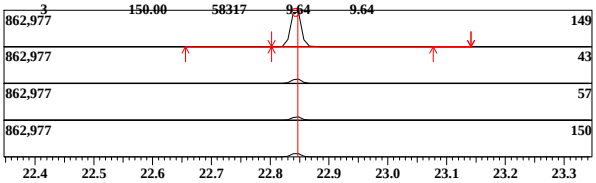
ID#:105 R.Time:21.840(Scan#:3765)
MassPeaks:84
RawMode:Averaged 21.831-21.849(3763-3767)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



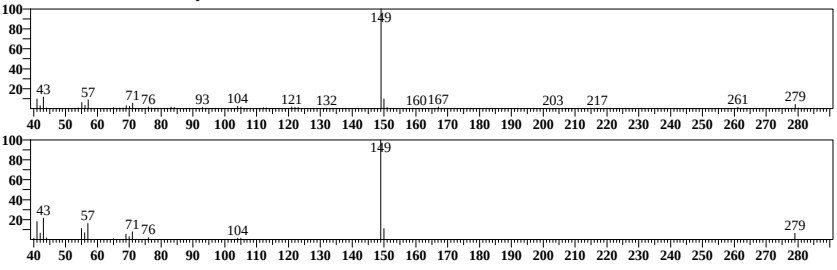
ID#:106 Name:Di-n-octyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:22.844 Area:1137944 Conc:53.72226ppm
Event:1:Scan SI:88

#	m/z	Area	Ratio	Reference
1	43.00	70745	11.70	13.63
2	57.00	52733	8.72	13.85
3	150.00	58317	9.64	9.64



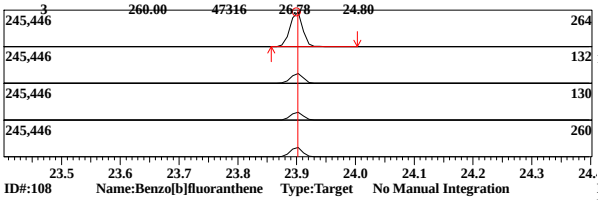
ID#:106 R.Time:22.839(Scan#:3983)
MassPeaks:88
RawMode:Averaged 22.830-22.848(3981-3985)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



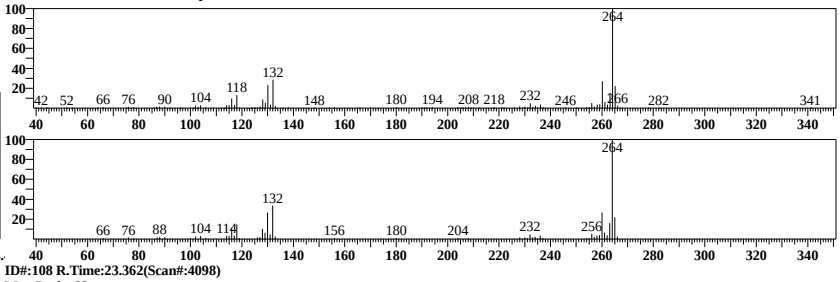
ID#:107 Name:Perylene-d12 (IS) Type:ISTD No Manual Integration

Mass:264.00 R.T:23.900 Area:351060 Conc:40.00000ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	132.00	50147	28.38	20.63
2	130.00	40404	22.87	16.36
3	260.00	47316	26.78	24.80



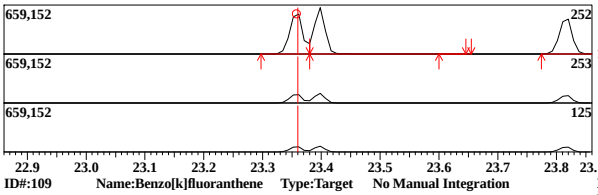
ID#:107 R.Time:23.903(Scan#:4215)
MassPeaks:94
RawMode:Averaged 23.893-23.912(4213-4217)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



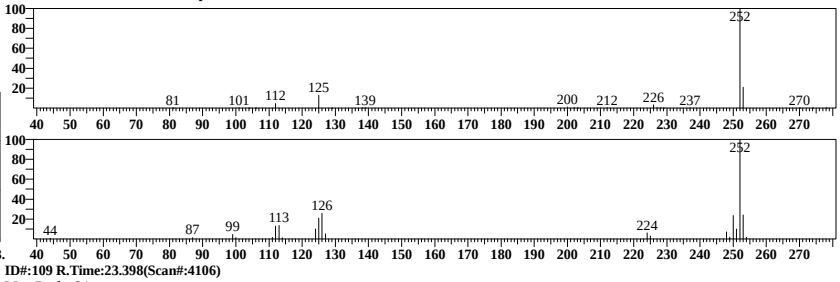
ID#:108 Name:Benzo[b]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.358 Area:893973 Conc:51.42862ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	253.00	62079	20.88	24.52
2	125.00	38083	12.81	21.64



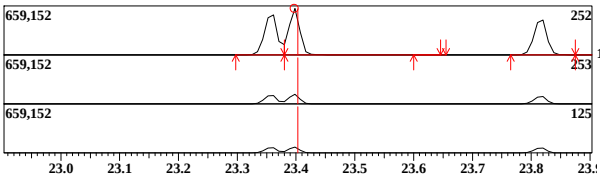
ID#:108 R.Time:23.362(Scan#:4098)
MassPeaks:23
RawMode:Averaged 23.352-23.371(4096-4100)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



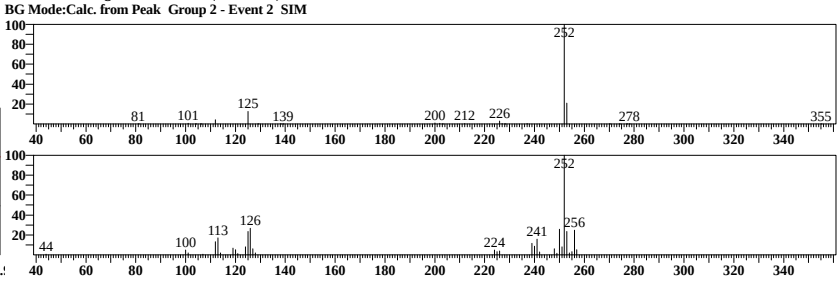
ID#:109 Name:Benzo[k]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.397 Area:790715 Conc:47.73248ppm
Event:2:SIM SI:78

#	m/z	Area	Ratio	Reference
1	253.00	65990	20.84	24.52
2	125.00	40160	12.68	21.64



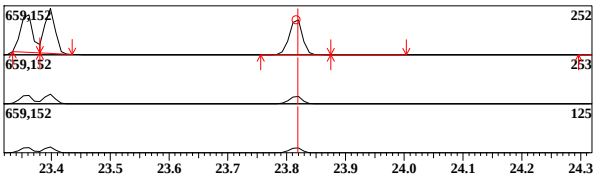
ID#:109 R.Time:23.398(Scan#:4106)
MassPeaks:24
RawMode:Averaged 23.389-23.407(4104-4108)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



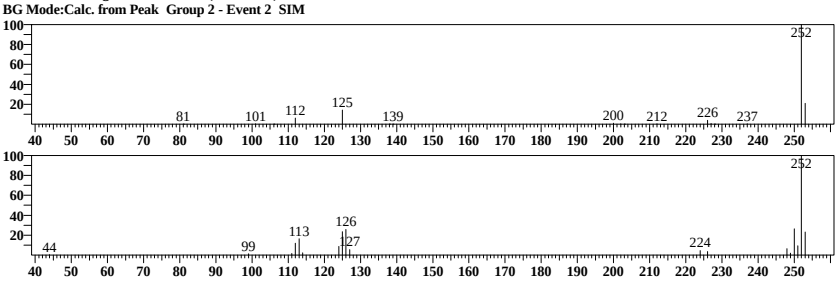
ID#:110 Name:Benzo[a]pyrene Type:Target No Manual Integration

Mass:252.00 R.T:23.816 Area:746119 Conc:54.90885ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	253.00	75843	21.05	24.52
2	125.00	50970	14.15	21.64



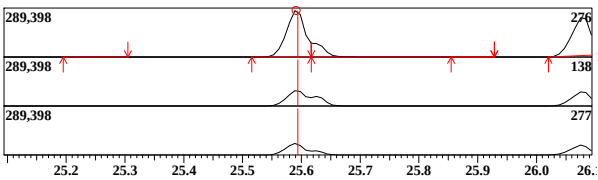
ID#:110 R.Time:23.820(Scan#:4198)
MassPeaks:17
RawMode:Averaged 23.811-23.829(4196-4200)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



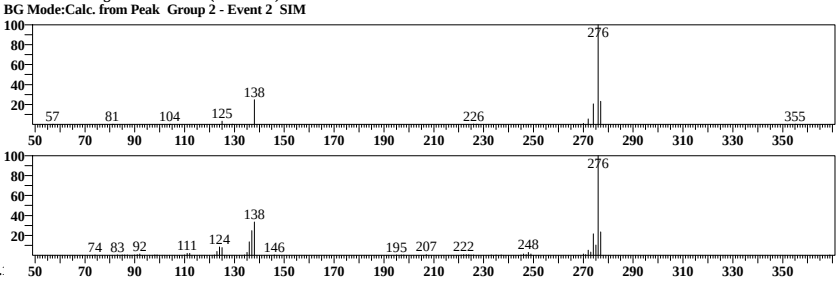
ID#:111 Name:Indeno(1,2,3-cd)pyrene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/1/2022

Mass:276.00 R.T:25.591 Area:614897 Conc:56.97125ppm
Event:2:SIM SI:95

#	m/z	Area	Ratio	Reference
1	138.00	45078	24.73	6.67
2	277.00	42252	23.18	14.17



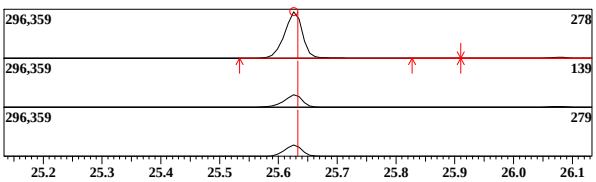
ID#:111 R.Time:25.589(Scan#:4584)
MassPeaks:14
RawMode:Averaged 25.580-25.598(4582-4586)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



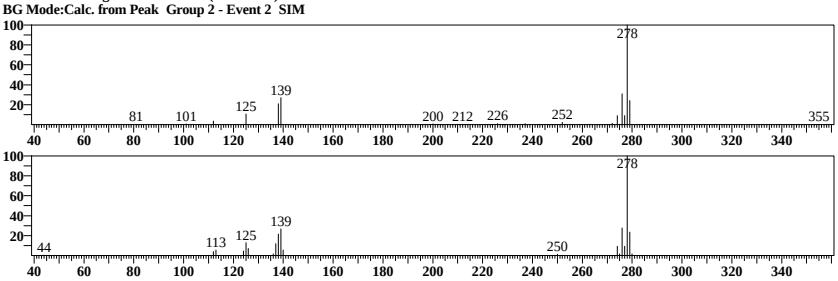
ID#:114 Name:Dibenzo[a,h]anthracene Type:Target No Manual Integration

Mass:278.00 R.T:25.627 Area:612658 Conc:54.64434ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	139.00	65951	27.04	7.75
2	279.00	59053	24.21	25.58



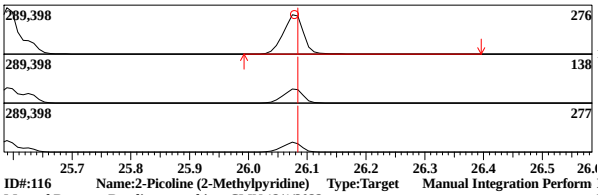
ID#:114 R.Time:25.626(Scan#:4592)
MassPeaks:28
RawMode:Averaged 25.617-25.635(4590-4594)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



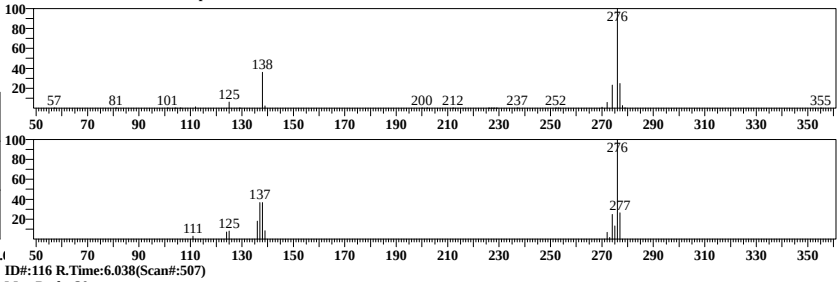
ID#:115 Name:Benzo[g,h,i]perylene Type:Target No Manual Integration

Mass:276.00 R.T:26.079 Area:565881 Conc:52.76880ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	138.00	76067	36.12	25.00
2	277.00	51875	24.64	21.09



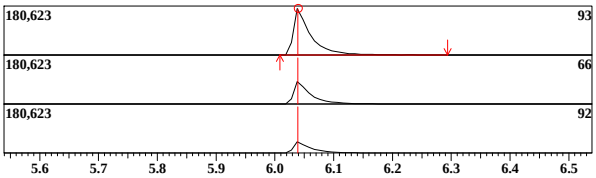
ID#:115 R.Time:26.075(Scan#:4690)
MassPeaks:28
RawMode:Averaged 26.066-26.084(4688-4692)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



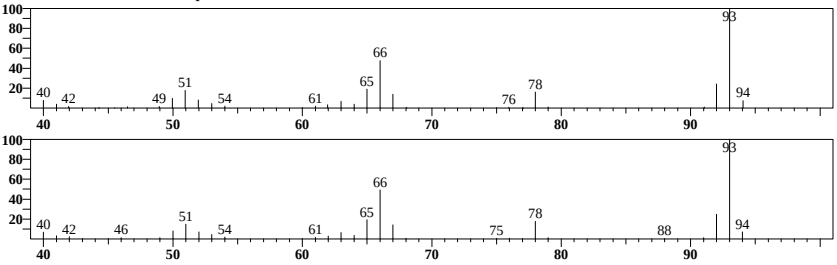
ID#:116 Name:2-Picoline (2-Methylpyridine) Type:Target Manual Integration Perform
Manual Reason: Baseline smoothing. CMN 12/1/2022

Mass:93.00 R.T:6.040 Area:364674 Conc:52.92616ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	66.00	55607	47.57	58.29
2	92.00	28378	24.27	23.71



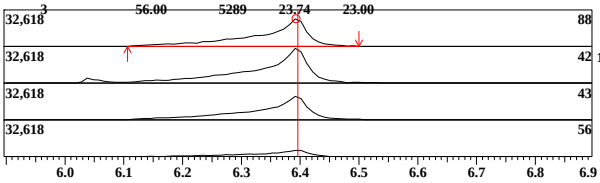
ID#:116 R.Time:6.038(Scan#:507)
MassPeaks:30
RawMode:Averaged 6.028-6.048(505-509)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



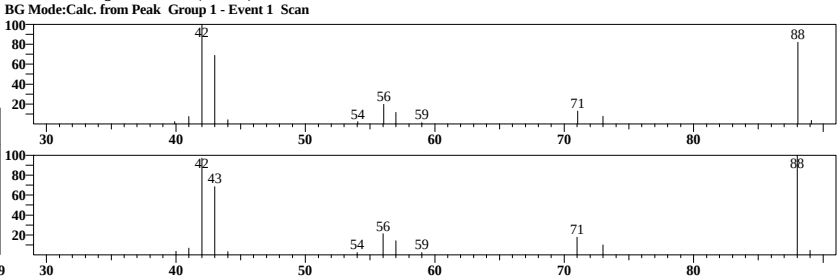
ID#:117 Name:N-Nitrosomethylethylamine Type:Target No Manual Integration

Mass:88.00 R.T:6.394 Area:148104 Conc:50.35504ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	42.00	27167	121.96	106.00
2	43.00	18718	84.03	74.00
3	56.00	5289	23.74	23.00



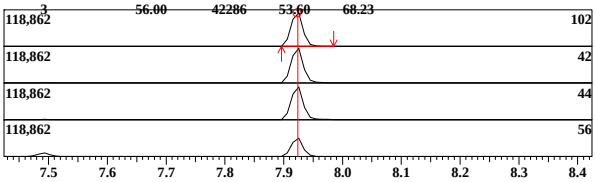
ID#:117 R.Time:6.392(Scan#:579)
MassPeaks:13
RawMode:Averaged 6.382-6.402(577-581)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



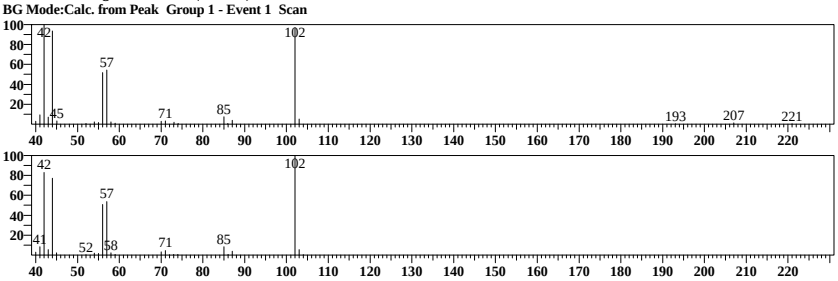
ID#:118 Name:N-Nitrosodiethylamine Type:Target No Manual Integration

Mass:102.00 R.T:7.923 Area:159622 Conc:50.74806ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	42.00	81599	103.43	98.99
2	44.00	76297	96.71	90.55
3	56.00	42286	53.60	68.23



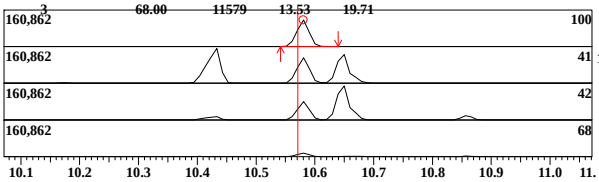
ID#:118 R.Time:7.926(Scan#:891)
MassPeaks:25
RawMode:Averaged 7.916-7.936(889-893)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



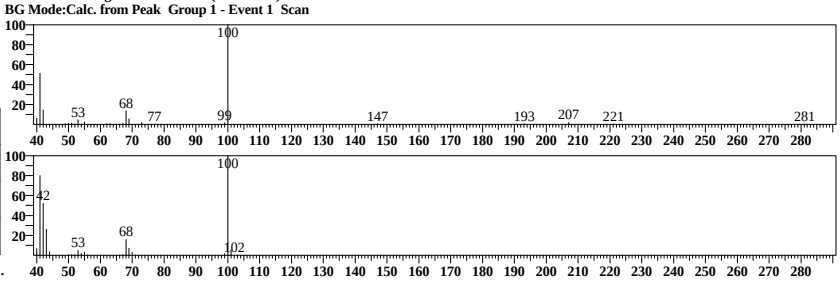
ID#:120 Name:N-Nitrosopyrrolidine Type:Target No Manual Integration

Mass:100.00 R.T:10.580 Area:175045 Conc:54.66878ppm
Event:1:Scan SI:84

#	m/z	Area	Ratio	Reference
1	41.00	43986	* 51.40	89.01
2	42.00	12412	* 14.50	58.45
3	68.00	11579	13.53	19.71



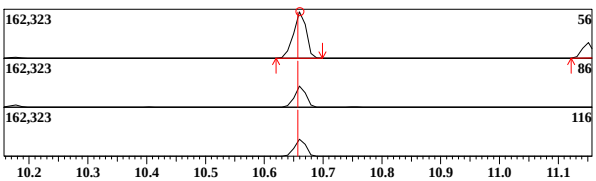
ID#:120 R.Time:10.581(Scan#:1431)
MassPeaks:27
RawMode:Averaged 10.571-10.591(1429-1433)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



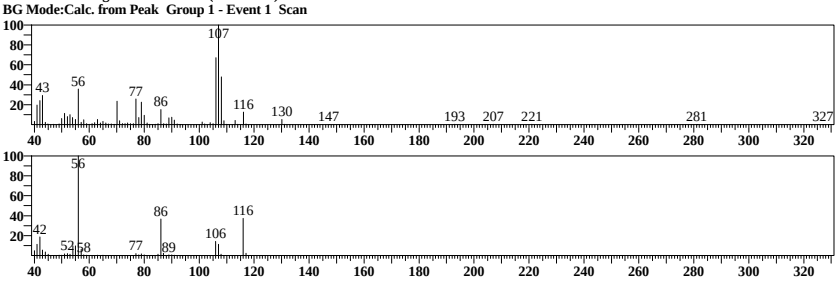
ID#:121 Name:N-Nitrosomorpholine Type:Target No Manual Integration

Mass:56.00 R.T:10.661 Area:232802 Conc:58.64677ppm
Event:1:Scan SI:65

#	m/z	Area	Ratio	Reference
1	86.00	49334	42.34	37.18
2	116.00	40901	35.10	29.47



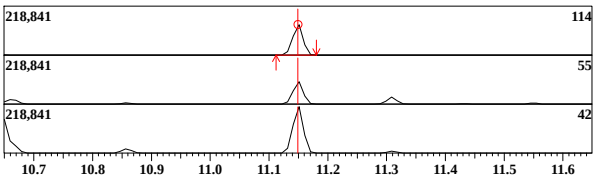
ID#:121 R.Time:10.660(Scan#:1447)
MassPeaks:72
RawMode:Averaged 10.650-10.669(1445-1449)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



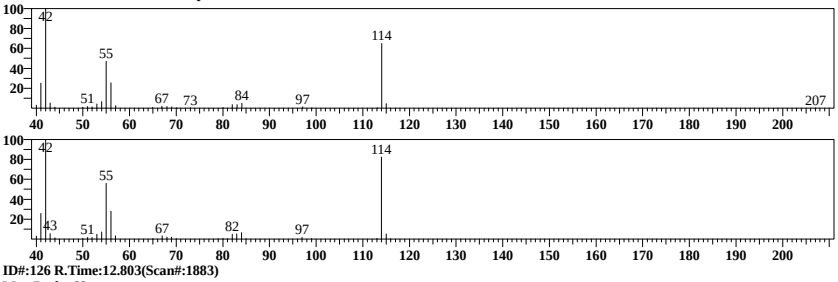
ID#:123 Name:N-Nitrosopiperidine Type:Target No Manual Integration

Mass:114.00 R.T:11.150 Area:171462 Conc:50.56238ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	55.00	65335	72.68	59.00
2	42.00	138717	154.32	151.82



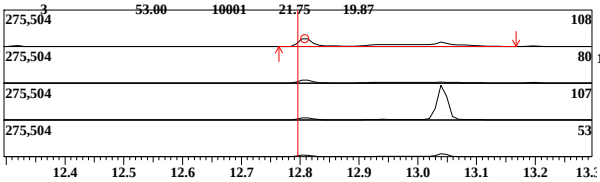
ID#:123 R.Time:11.151(Scan#:1547)
MassPeaks:29
RawMode:Averaged 11.141-11.161(1545-1549)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



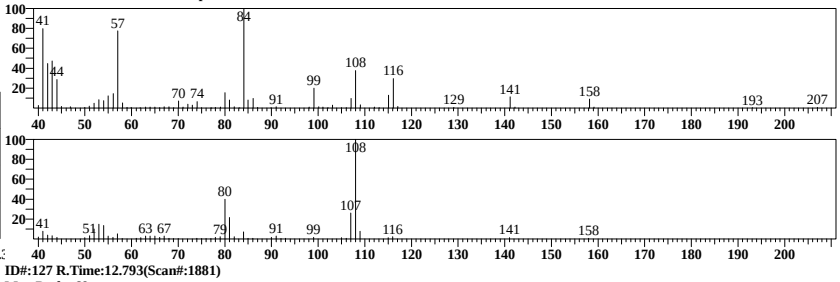
ID#:126 Name:p-Phenylenediamine Type:Target Manual Integration Performed
Manual Reason: Incomplete integration. CMN 12/1/2022

Mass:108.00 R.T:12.808 Area:331015 Conc:40.07641ppm
Event:1:Scan SI:64

#	m/z	Area	Ratio	Reference
1	80.00	18612	40.48	40.53
2	107.00	11681	25.41	26.48
3	53.00	10001	21.75	19.87



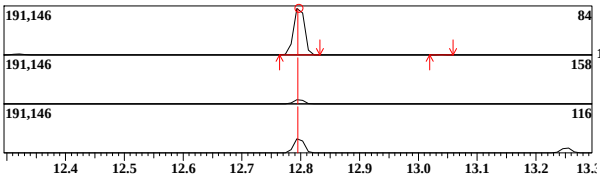
ID#:126 R.Time:12.803(Scan#:1883)
MassPeaks:68
RawMode:Averaged 12.793-12.813(1881-1885)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



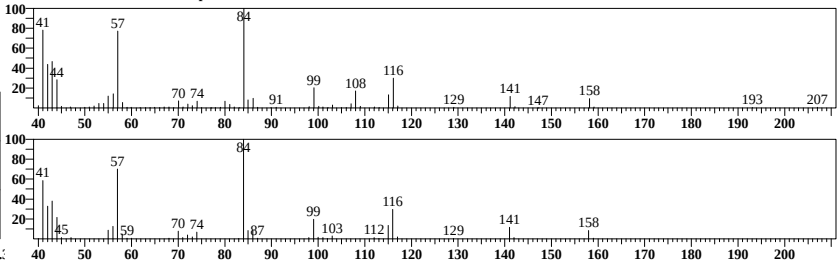
ID#:127 Name:N-Nitrosodi-n-butylamine Type:Target No Manual Integration

Mass:84.00 R.T:12.797 Area:243025 Conc:52.65179ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	158.00	12139	9.35	7.76
2	116.00	38743	29.83	26.54



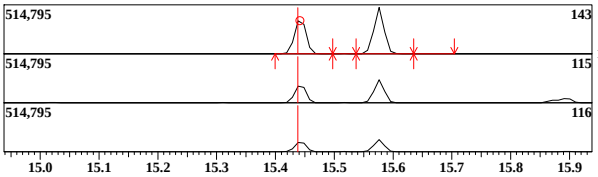
ID#:127 R.Time:12.793(Scan#:1881)
MassPeaks:69
RawMode:Averaged 12.784-12.803(1879-1883)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



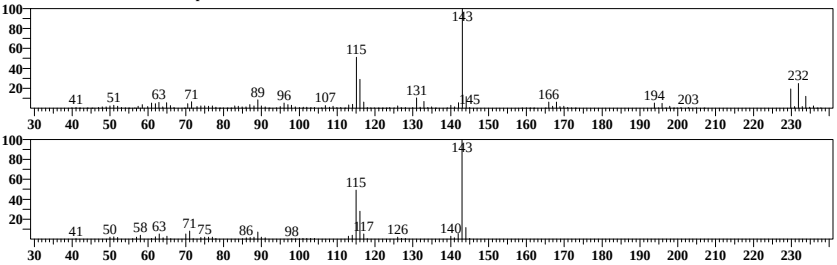
ID#:129 Name:1-Naphthylamine Type:Target No Manual Integration

Mass:143.00 R.T:15.442 Area:513892 Conc:45.18051ppm
Event:1:Scan SI:78

#	m/z	Area	Ratio	Reference
1	115.00	132494	51.06	52.19
2	116.00	75162	28.97	27.17



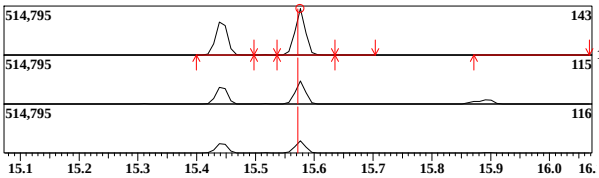
ID#:129 R.Time:15.438(Scan#:2419)
MassPeaks:129
RawMode:Averaged 15.429-15.448(2417-2421)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



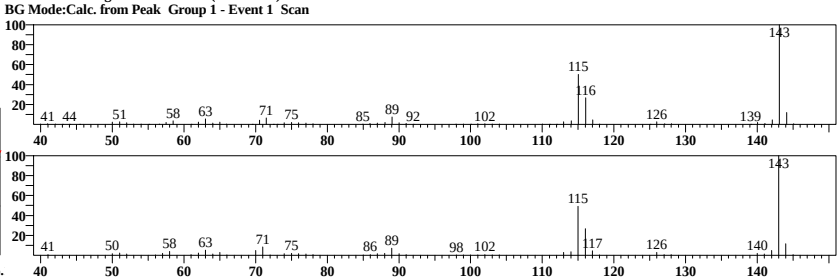
ID#:130 Name:2-Naphthylamine Type:Target No Manual Integration

Mass:143.00 R.T:15.576 Area:610694 Conc:46.57055ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	115.00	158805	50.17	53.22
2	116.00	84692	26.76	24.69



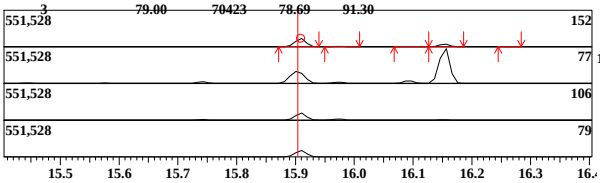
ID#:130 R.Time:15.576(Scan#:2447)
MassPeaks:66
RawMode:Averaged 15.566-15.586(2445-2449)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



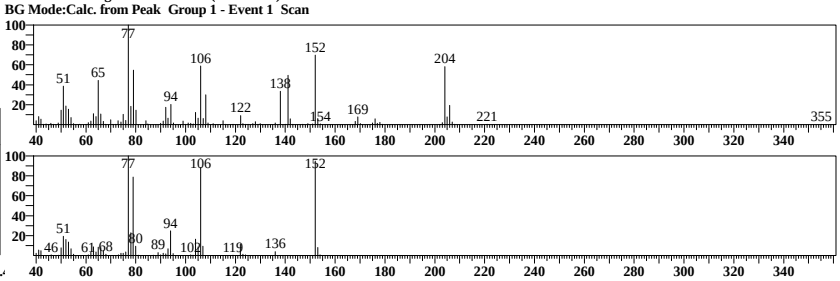
ID#:131 Name:5-Nitro-o-Toluidine Type:Target No Manual Integration

Mass:152.00 R.T:15.909 Area:177439 Conc:57.19504ppm
Event:1:Scan SI:75

#	m/z	Area	Ratio	Reference
1	77.00	128459	* 143.54	101.00
2	106.00	75730	84.62	102.30
3	79.00	70423	78.69	91.30



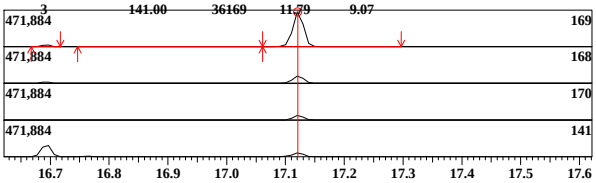
ID#:131 R.Time:15.911(Scan#:2515)
MassPeaks:96
RawMode:Averaged 15.901-15.920(2513-2517)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



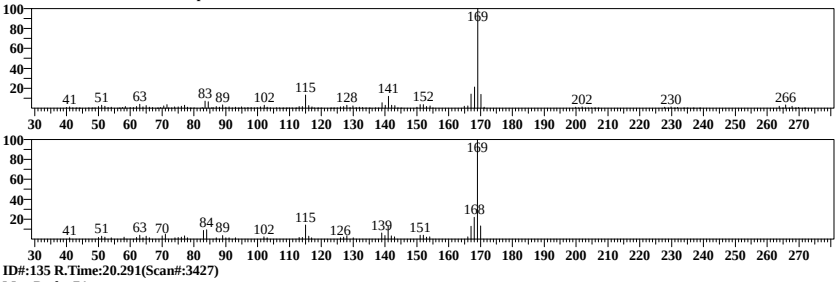
ID#:132 Name:4-Aminobiphenyl Type:Target No Manual Integration

Mass:169.00 R.T:17.121 Area:603839 Conc:50.44523ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	168.00	65276	21.28	21.00
2	170.00	42041	13.70	13.72
3	141.00	36169	11.79	9.07



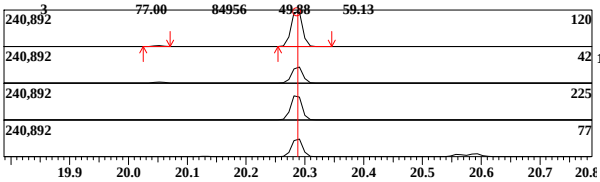
ID#:132 R.Time:17.120(Scan#:2761)
MassPeaks:135
RawMode:Averaged 17.110-17.130(2759-2763)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



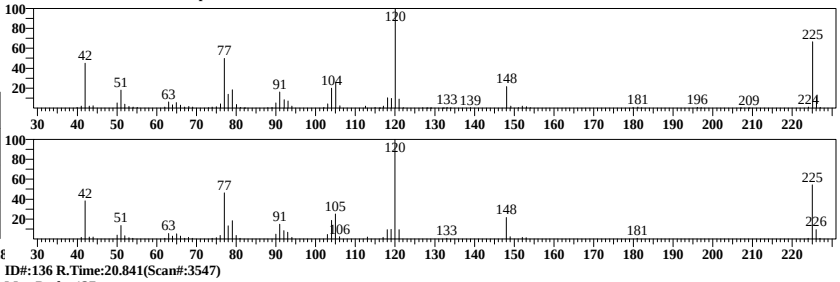
ID#:135 Name:4-Dimethyl aminoazobenzene Type:Target No Manual Integration

Mass:120.00 R.T:20.286 Area:323874 Conc:55.25235ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	42.00	76743	45.06	45.74
2	225.00	113553	66.67	69.96
3	77.00	84956	49.88	59.13



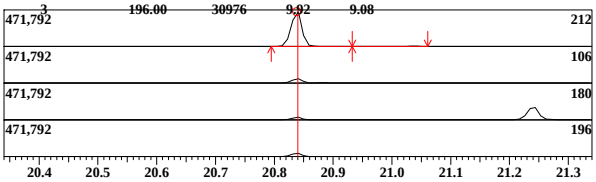
ID#:135 R.Time:20.291(Scan#:3427)
MassPeaks:74
RawMode:Averaged 20.282-20.300(3425-3429)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



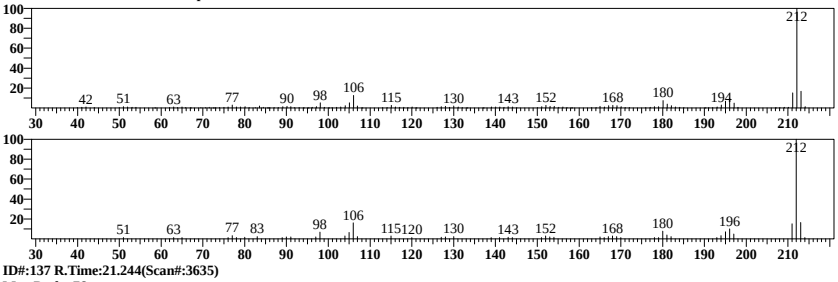
ID#:136 Name:3,3'-Dimethylbenzidine Type:Target No Manual Integration

Mass:212.00 R.T:20.838 Area:596393 Conc:46.43285ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	106.00	38739	12.41	14.74
2	180.00	22696	7.27	7.46
3	196.00	30976	9.92	9.08



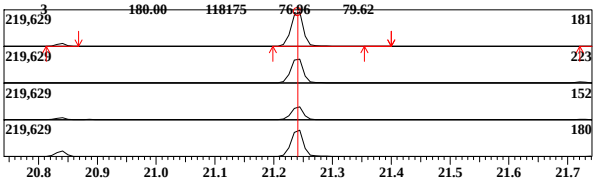
ID#:136 R.Time:20.841(Scan#:3547)
MassPeaks:127
RawMode:Averaged 20.832-20.850(3545-3549)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



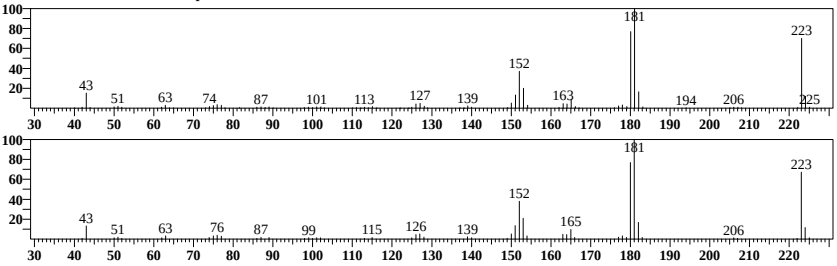
ID#:137 Name:2-Acetylaminofluorene Type:Target No Manual Integration

Mass:181.00 R.T:21.241 Area:314378 Conc:48.47442ppm
Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	223.00	107420	69.95	67.03
2	152.00	56849	37.02	31.35
3	180.00	118175	76.96	79.62



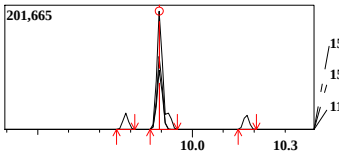
ID#:137 R.Time:21.244(Scan#:3635)
MassPeaks:76
RawMode:Averaged 21.235-21.253(3633-3637)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



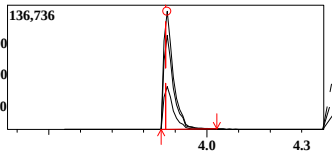
Before Manual Integrations

Analyst: CMN **Instr: J7H** **Trace Number: SVOC-BO45-F14-P**
Method: 8270C/D/E/625.1 **Batch:**
Sample ID: ICV1 **Data File: C:\GCMSsolution\Data\221130H018.qgd**
Date: 12/1/2022 **Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm**
Time: 03:00:39 **Sample Name: ICV1**
Dilution: 1

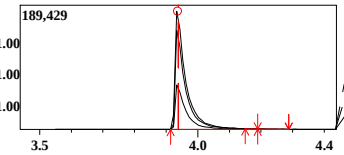
ID#:1 Name:1,4-Dichlorobenzene-d4 (IS)
Mass:150.00 Type:ISTD
R.T:9.893 Area:272012 Conc:40.00000ppm



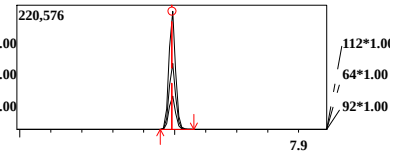
ID#:2 Name:N-Nitrosodimethylamine
Mass:74.00 Type:Target
R.T:3.874 Area:275223 Conc:63.40430ppm



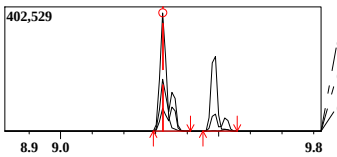
ID#:3 Name:Pyridine
Mass:79.00 Type:Target
R.T:3.937 Area:437865 Conc:67.65238ppm



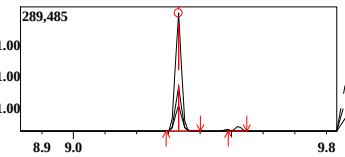
ID#:5 Name:2-Fluorophenol
Mass:112.00 Type:Surrogate/SMC
R.T:7.492 Area:312409 Conc:40.12858ppm



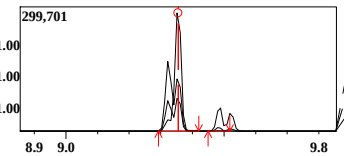
ID#:8 Name:Aniline
Mass:93.00 Type:Target
R.T:9.323 Area:521129 Conc:47.51699ppm



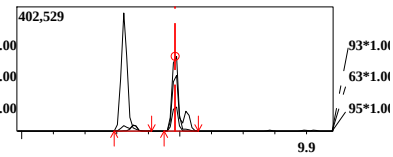
ID#:10 Name:Phenol-d6
Mass:99.00 Type:Surrogate/SMC
R.T:9.332 Area:379171 Conc:41.30590ppm



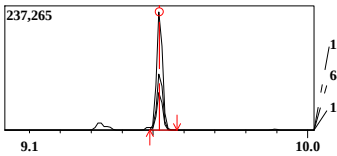
ID#:11 Name:Phenol
Mass:94.00 Type:Target
R.T:9.354 Area:433220 Conc:43.78574ppm



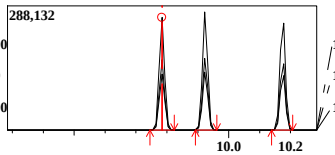
ID#:12 Name:bis(2-Chloroethyl)Ether
Mass:93.00 Type:Target
R.T:9.485 Area:343516 Conc:46.33614ppm



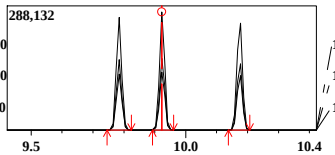
ID#:13 Name:2-Chlorophenol
Mass:128.00 Type:Target
R.T:9.521 Area:306401 Conc:41.39704ppm



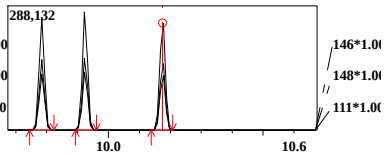
ID#:14 Name:1,3-Dichlorobenzene
Mass:146.00 Type:Target
R.T:9.784 Area:324113 Conc:47.27439ppm



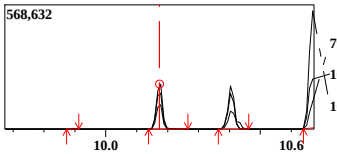
ID#:15 Name:1,4-Dichlorobenzene
Mass:146.00 Type:Target
R.T:9.923 Area:333916 Conc:47.27236ppm



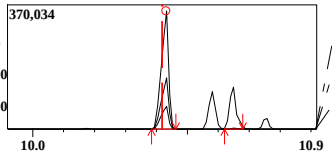
ID#:16 Name:1,2-Dichlorobenzene
Mass:146.00 Type:Target
R.T:10.175 Area:326631 Conc:48.88410ppm



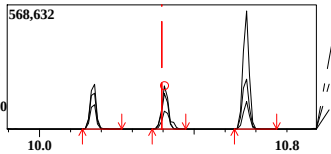
ID#:17 Name:Benzyl Alcohol
Mass:79.00 Type:Target
R.T:10.174 Area:292547 Conc:49.39755ppm



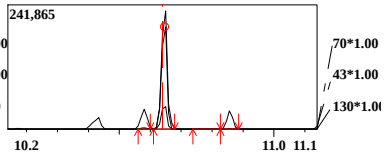
ID#:18 Name:bis(2-Chloroisopropyl) Ether
Mass:45.00 Type:Target
R.T:10.431 Area:569873 Conc:39.32857ppm



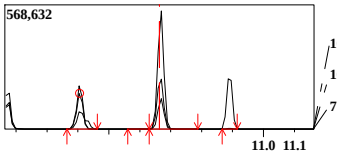
ID#:19 Name:2-Methylphenol (o-Cresol)
Mass:108.00 Type:Target
R.T:10.405 Area:286131 Conc:38.34749ppm



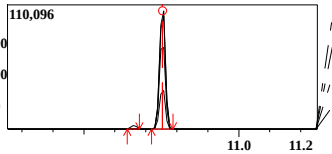
ID#:21 Name:N-Nitrosodi-n-propylamine
Mass:70.00 Type:Target
R.T:10.646 Area:256537 Conc:52.13747ppm



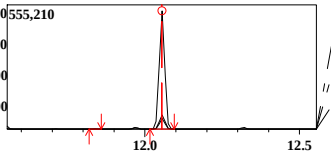
ID#:22 Name:3+4-Methylphenol(m&p-Cresol)
Mass:107.00 Type:Target
R.T:10.406 Area:237926 Conc:29.08776ppm



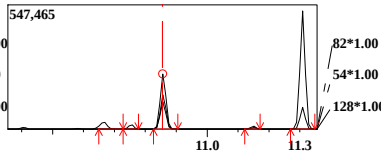
ID#:23 Name:Hexachloroethane
Mass:117.00 Type:Target
R.T:10.754 Area:144387 Conc:45.55449ppm



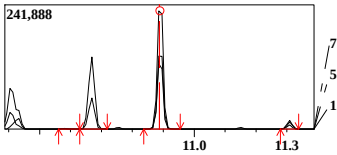
ID#:24 Name:Naphthalene-d8 (IS)
Mass:136.00 Type:ISTD
R.T:12.055 Area:657994 Conc:40.00000ppm



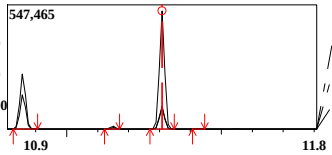
ID#:25 Name:Nitrobenzene-d5
Mass:82.00 Type:Surrogate/SMC
R.T:10.857 Area:319835 Conc:52.15012ppm



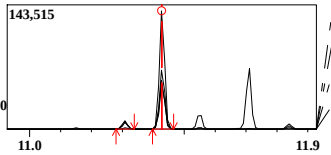
ID#:26 Name:Nitrobenzene
Mass:77.00 Type:Target
R.T:10.890 Area:331981 Conc:58.27331ppm



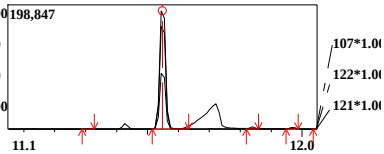
ID#:27 Name:Isophorone
Mass:82.00 Type:Target
R.T:11.308 Area:622938 Conc:53.11377ppm



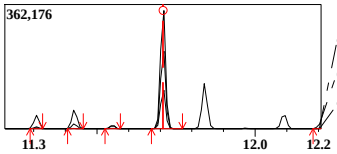
ID#:28 Name:2-Nitrophenol
Mass:139.00 Type:Target
R.T:11.427 Area:166478 Conc:61.96011ppm



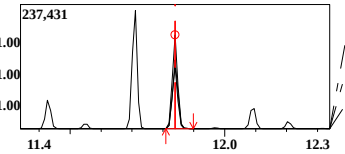
ID#:29 Name:2,4-Dimethylphenol
Mass:107.00 Type:Target
R.T:11.548 Area:263371 Conc:37.96050ppm



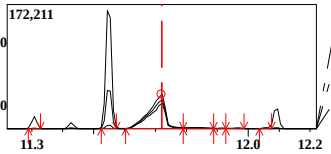
ID#:30 Name:Bis(2-Chloroethoxy)methane
Mass:93.00 Type:Target
R.T:11.710 Area:403034 Conc:52.14475ppm



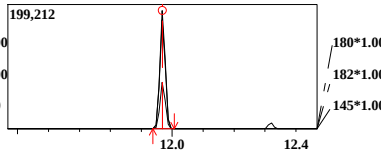
ID#:31 Name:2,4-Dichlorophenol
Mass:162.00 Type:Target
R.T:11.839 Area:220273 Conc:60.44854ppm



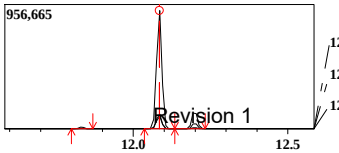
ID#:32 Name:Benzoic Acid
Mass:105.00 Type:Target
R.T:11.719 Area:179533 Conc:43.15356ppm



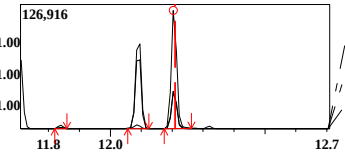
ID#:33 Name:1,2,4-Trichlorobenzene
Mass:180.00 Type:Target
R.T:11.968 Area:233769 Conc:68.15646ppm



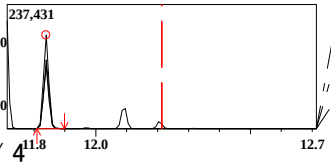
ID#:34 Name:Naphthalene
Mass:128.00 Type:Target
R.T:12.084 Area:1104110 Conc:55.06687ppm



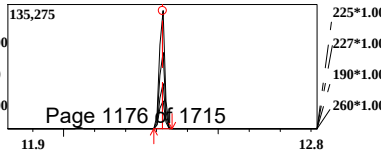
ID#:35 Name:4-Chloroaniline
Mass:127.00 Type:Target
R.T:12.205 Area:151617 Conc:18.29642ppm



ID#:36 Name:2,6-Dichlorophenol
Mass:162.00 Type:Target
R.T:11.839 Area:220273 Conc:60.97832ppm

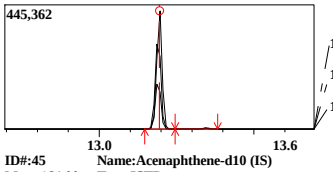


ID#:38 Name:Hexachlorobutadiene
Mass:225.00 Type:Target
R.T:12.319 Area:157589 Conc:70.57766ppm



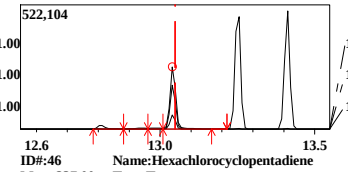
ID#:40 Name:2-Methylnaphthalene-d10
Mass:152.00 Type:Target

R.T:13.195 Area:513837 Conc:53.35562ppm



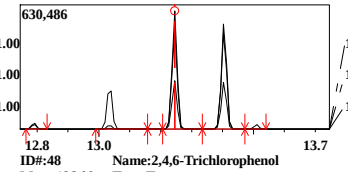
ID#:41 Name:4-Chloro-3-methylphenol
Mass:107.00 Type:Target

R.T:13.041 Area:346050 Conc:53.72389ppm



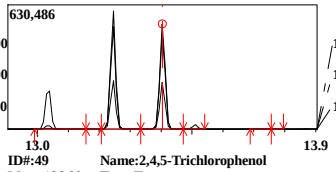
ID#:43 Name:2-Methylnaphthalene
Mass:142.00 Type:Target

R.T:13.245 Area:706132 Conc:58.47295ppm



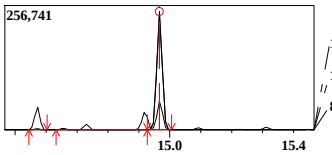
ID#:44 Name:1-Methylnaphthalene
Mass:142.00 Type:Target

R.T:13.404 Area:666040 Conc:58.18405ppm



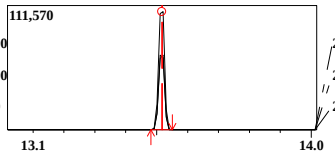
ID#:45 Name:Acenaphthene-d10 (IS)
Mass:164.00 Type:ISTD

R.T:14.967 Area:309240 Conc:40.00000ppm



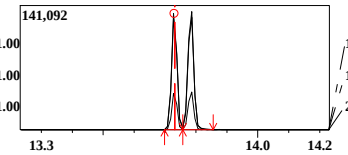
ID#:46 Name:Hexachlorocyclopentadiene
Mass:237.00 Type:Target

R.T:13.516 Area:149911 Conc:48.78878ppm



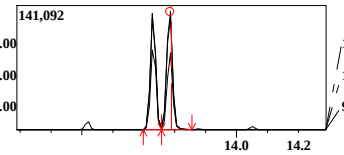
ID#:48 Name:2,4,6-Trichlorophenol
Mass:196.00 Type:Target

R.T:13.729 Area:166884 Conc:61.35876ppm



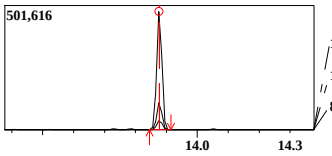
ID#:49 Name:2,4,5-Trichlorophenol
Mass:196.00 Type:Target

R.T:13.784 Area:181714 Conc:64.36313ppm



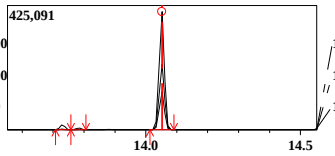
ID#:50 Name:2-Fluorobiphenyl
Mass:172.00 Type:Surrogate/SMC

R.T:13.876 Area:574841 Conc:49.83557ppm



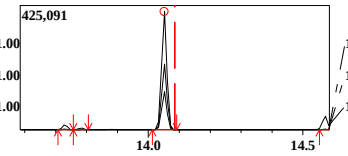
ID#:53 Name:2-Chloronaphthalene
Mass:162.00 Type:Target

R.T:14.051 Area:485366 Conc:46.62745ppm



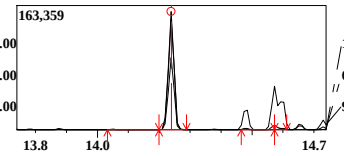
ID#:54 Name:1-Chloronaphthalene
Mass:162.00 Type:Target

R.T:14.051 Area:485366 Conc:56.48178ppm



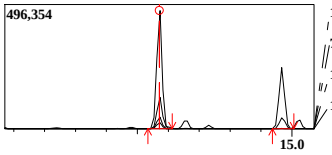
ID#:55 Name:2-Nitroaniline
Mass:138.00 Type:Target

R.T:14.238 Area:201184 Conc:49.01054ppm



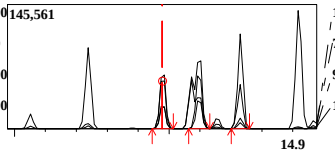
ID#:57 Name:Dimethyl phthalate
Mass:163.00 Type:Target

R.T:14.572 Area:570338 Conc:53.29786ppm



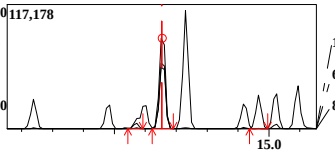
ID#:58 Name:1,3-Dinitrobenzene
Mass:168.00 Type:Target

R.T:14.480 Area:83260 Conc:63.83457ppm



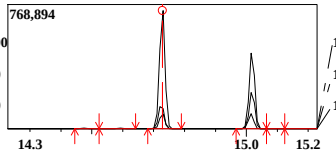
ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT)
Mass:165.00 Type:Target

R.T:14.656 Area:123740 Conc:57.66521ppm



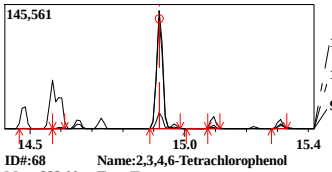
ID#:60 Name:Acenaphthylene
Mass:152.00 Type:Target

R.T:14.729 Area:936617 Conc:51.62967ppm



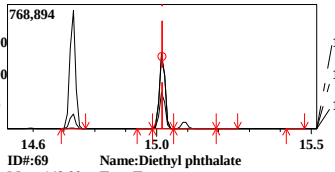
ID#:61 Name:3-Nitroaniline
Mass:138.00 Type:Target

R.T:14.919 Area:176974 Conc:49.62059ppm



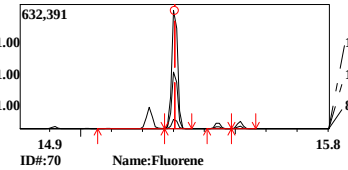
ID#:62 Name:Acenaphthene
Mass:154.00 Type:Target

R.T:15.018 Area:586415 Conc:52.10760ppm



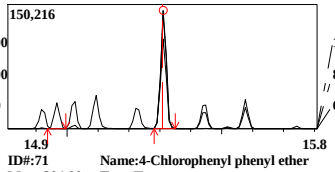
ID#:65 Name:Dibenzofuran
Mass:168.00 Type:Target

R.T:15.304 Area:819802 Conc:56.48073ppm



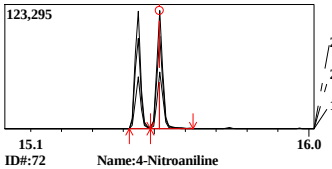
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT)
Mass:165.00 Type:Target

R.T:15.312 Area:183244 Conc:60.09557ppm



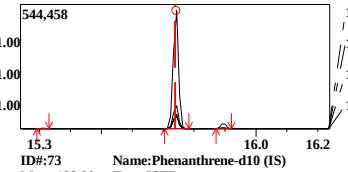
ID#:68 Name:2,3,4,6-Tetrachlorophenol
Mass:232.00 Type:Target

R.T:15.517 Area:156302 Conc:62.72715ppm



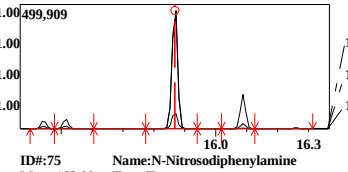
ID#:69 Name:Diethyl phthalate
Mass:149.00 Type:Target

R.T:15.742 Area:633089 Conc:51.70818ppm



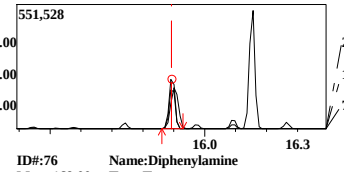
ID#:70 Name:Fluorene
Mass:166.00 Type:Target

R.T:15.868 Area:641699 Conc:55.67351ppm



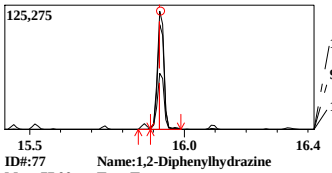
ID#:71 Name:4-Chlorophenyl phenyl ether
Mass:204.00 Type:Target

R.T:15.894 Area:308197 Conc:60.53741ppm



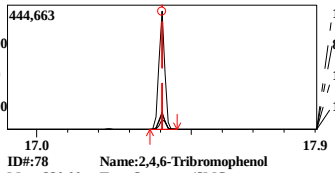
ID#:72 Name:4-Nitroaniline
Mass:138.00 Type:Target

R.T:15.924 Area:176958 Conc:51.30902ppm



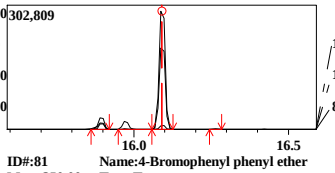
ID#:73 Name:Phenanthrene-d10 (IS)
Mass:188.00 Type:ISTD

R.T:17.405 Area:557016 Conc:40.00000ppm



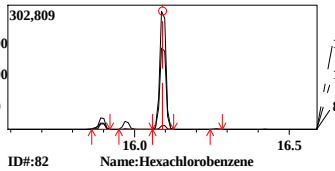
ID#:75 Name:N-Nitrosodiphenylamine
Mass:169.00 Type:Target

R.T:16.092 Area:407421 Conc:41.24710ppm



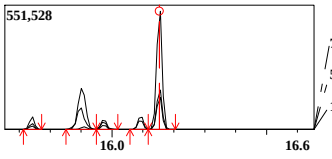
ID#:76 Name:Diphenylamine
Mass:169.00 Type:Target

R.T:16.092 Area:407421 Conc:41.24710ppm



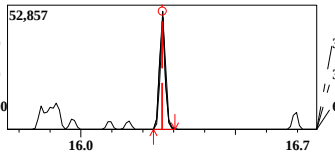
ID#:77 Name:1,2-Diphenylhydrazine
Mass:77.00 Type:Target

R.T:16.154 Area:671162 Conc:45.17675ppm



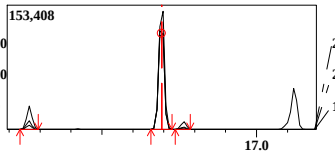
ID#:78 Name:2,4,6-Tribromophenol
Mass:330.00 Type:Surrogate/SMC

R.T:16.264 Area:63193 Conc:43.67027ppm



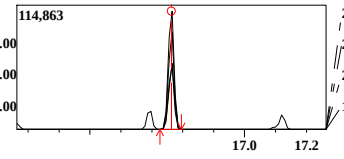
ID#:81 Name:4-Bromophenyl phenyl ether
Mass:250.00 Type:Target

R.T:16.692 Area:165534 Conc:52.42287ppm



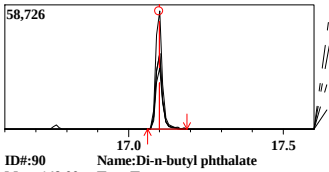
ID#:82 Name:Hexachlorobenzene
Mass:284.00 Type:Target

R.T:16.763 Area:145471 Conc:43.61308ppm



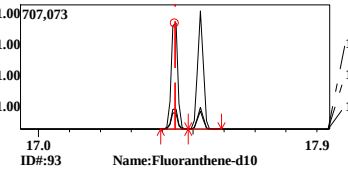
ID#:84 Name:Pentachlorophenol
Mass:266.00 Type:Target

R.T:17.098 Area:83889 Conc:49.09646ppm



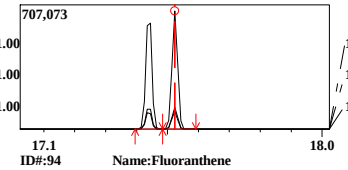
ID#:87 Name:Phenanthrene
Mass:178.00 Type:Target

R.T:17.440 Area:896062 Conc:52.70687ppm



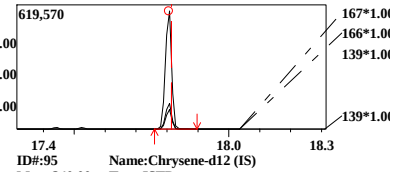
ID#:88 Name:Anthracene
Mass:178.00 Type:Target

R.T:17.523 Area:871514 Conc:51.29022ppm



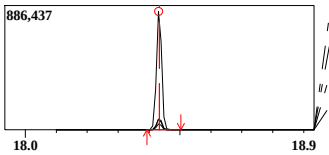
ID#:89 Name:Carbazole
Mass:167.00 Type:Target

R.T:17.805 Area:832514 Conc:51.15493ppm



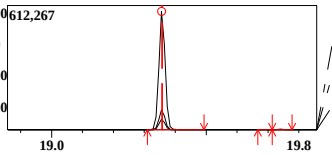
ID#:90 Name:Di-n-butyl phthalate
Mass:149.00 Type:Target

R.T:18.432 Area:1043561 Conc:49.21952ppm



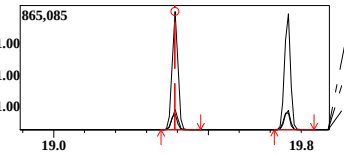
ID#:93 Name:Fluoranthene-d10
Mass:212.00 Type:Target

R.T:19.357 Area:840813 Conc:50.93411ppm



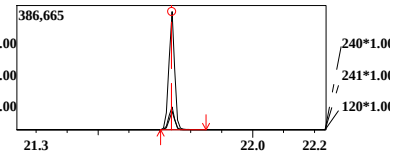
ID#:94 Name:Fluoranthene
Mass:202.00 Type:Target

R.T:19.392 Area:1064299 Conc:57.00536ppm



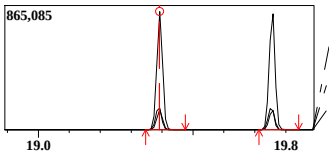
ID#:95 Name:Chrysene-d12 (IS)
Mass:240.00 Type:ISTD

R.T:21.738 Area:485582 Conc:40.00000ppm



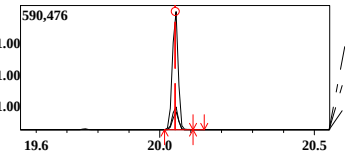
ID#:96 Name:Pyrene
Mass:202.00 Type:Target

R.T:19.392 Area:1064299 Conc:55.27593ppm



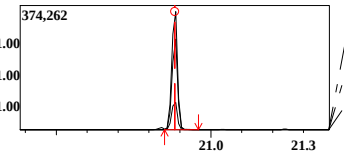
ID#:97 Name:p-Terphenyl-d14
Mass:244.00 Type:Surrogate/SMC

R.T:20.051 Area:731401 Conc:48.37765ppm



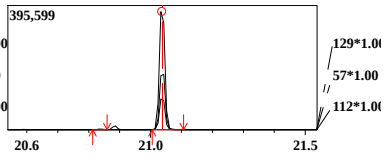
ID#:101 Name:Butyl benzyl phthalate
Mass:149.00 Type:Target

R.T:20.884 Area:459031 Conc:53.02282ppm



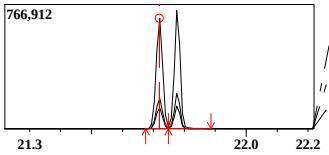
ID#:102 Name:Di(2-ethylhexyl) adipate
Mass:129.00 Type:Target

R.T:21.037 Area:481695 Conc:44.84328ppm



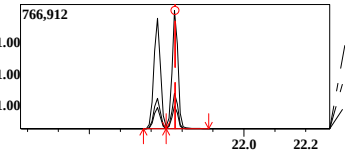
ID#:103 Name:Benzo[a]anthracene
Mass:228.00 Type:Target

R.T:21.720 Area:1013573 Conc:51.85670ppm



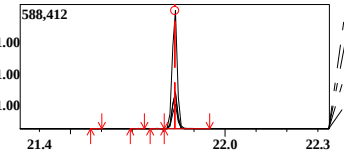
ID#:104 Name:Chrysene
Mass:228.00 Type:Target

R.T:21.777 Area:981422 Conc:55.09526ppm



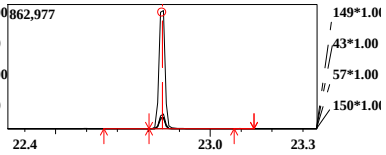
ID#:105 Name:Bis(2-Ethylhexyl) phthalate
Mass:149.00 Type:Target

R.T:21.838 Area:664987 Conc:52.01487ppm



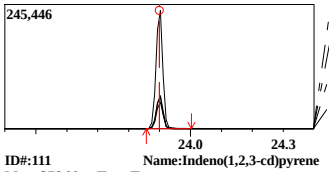
ID#:106 Name:Di-n-octyl phthalate
Mass:149.00 Type:Target

R.T:22.844 Area:1137944 Conc:53.18390ppm



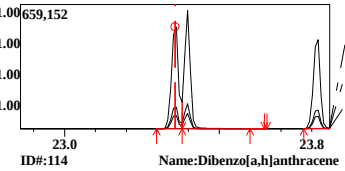
ID#:107 Name:Perylene-d12 (IS)
Mass:264.00 Type:ISTD

R.T:23.900 Area:351060 Conc:40.00000ppm



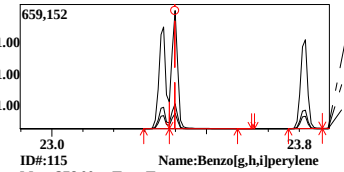
ID#:108 Name:Benzo[b]fluoranthene
Mass:252.00 Type:Target

R.T:23.358 Area:893973 Conc:58.76170ppm



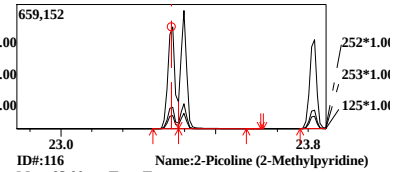
ID#:109 Name:Benzo[k]fluoranthene
Mass:252.00 Type:Target

R.T:23.397 Area:790715 Conc:57.58274ppm



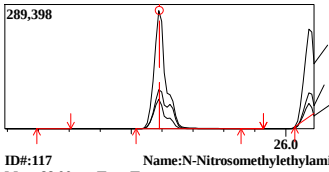
ID#:110 Name:Benzo[a]pyrene
Mass:252.00 Type:Target

R.T:23.358 Area:893973 Conc:76.05724ppm



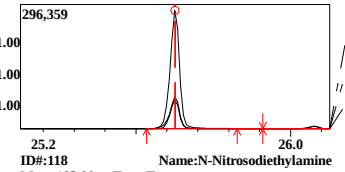
ID#:111 Name:Indeno(1,2,3-cd)pyrene
Mass:276.00 Type:Target

R.T:25.591 Area:730451 Conc:75.81124ppm



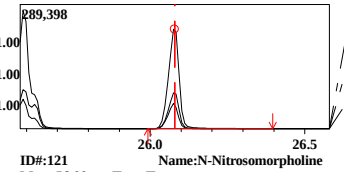
ID#:114 Name:Dibenzo[a,h]anthracene
Mass:278.00 Type:Target

R.T:25.627 Area:612084 Conc:59.47448ppm



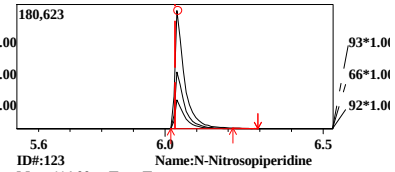
ID#:115 Name:Benzo[g,h,i]perylene
Mass:276.00 Type:Target

R.T:26.079 Area:565881 Conc:55.66904ppm



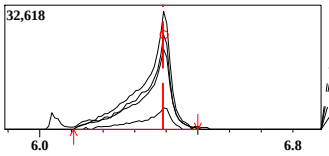
ID#:116 Name:2-Picoline (2-Methylpyridine)
Mass:93.00 Type:Target

R.T:6.040 Area:364050 Conc:45.08862ppm



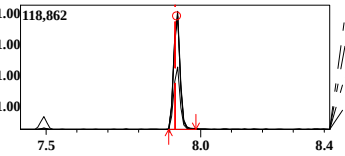
ID#:117 Name:N-Nitrosomethylethylamine
Mass:88.00 Type:Target

R.T:6.394 Area:148104 Conc:41.91249ppm



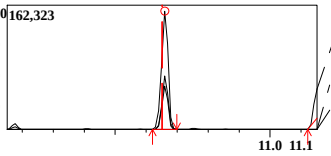
ID#:118 Name:N-Nitrosodiethylamine
Mass:102.00 Type:Target

R.T:7.923 Area:159622 Conc:40.19502ppm



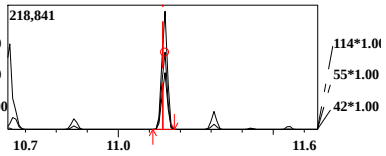
ID#:121 Name:N-Nitrosomorpholine
Mass:56.00 Type:Target

R.T:10.661 Area:232802 Conc:48.75202ppm



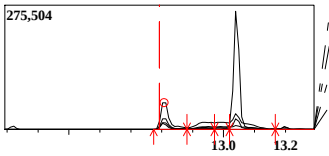
ID#:123 Name:N-Nitrosopiperidine
Mass:114.00 Type:Target

R.T:11.150 Area:171462 Conc:43.68054ppm



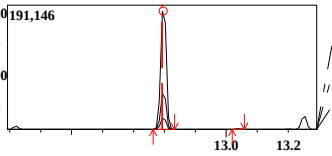
ID#:126 Name:p-Phenylenediamine
Mass:108.00 Type:Target

R.T:12.808 Area:120944 Conc:12.70719ppm



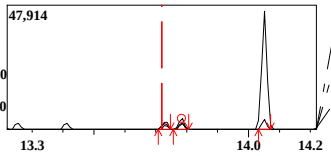
ID#:127 Name:N-Nitrosodi-n-butylamine
Mass:84.00 Type:Target

R.T:12.797 Area:243025 Conc:51.28211ppm



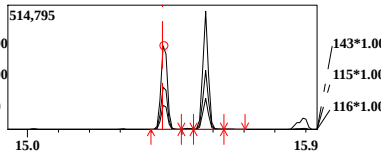
ID#:128 Name:2,3-Dichloroaniline
Mass:161.00 Type:Target

R.T:13.784 Area:5233 Conc:0.97738ppm



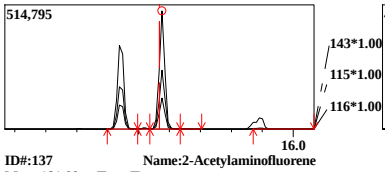
ID#:129 Name:1-Naphthylamine
Mass:143.00 Type:Target

R.T:15.442 Area:513892 Conc:37.77396ppm



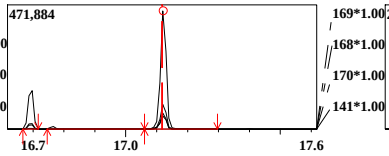
ID#:130 Name:2-Naphthylamine
Mass:143.00 Type:Target

R.T:15.576 Area:610694 Conc:40.52071ppm



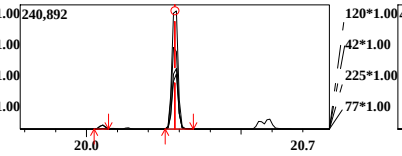
ID#:132 Name:4-Aminobiphenyl
Mass:169.00 Type:Target

R.T:17.121 Area:603839 Conc:43.93813ppm



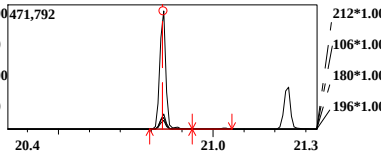
ID#:135 Name:4-Dimethyl aminoazobenzene
Mass:120.00 Type:Target

R.T:20.286 Area:323874 Conc:38.09498ppm



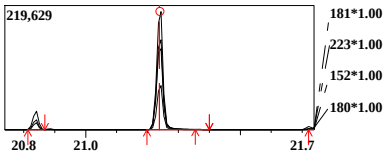
ID#:136 Name:3,3'-Dimethylbenzidine
Mass:212.00 Type:Target

R.T:20.838 Area:596393 Conc:45.58044ppm



ID#:137 Name:2-Acetylaminofluorene
Mass:181.00 Type:Target

R.T:21.241 Area:314378 Conc:53.24264ppm



Advanced Environmental Laboratories, Inc.

Continuing Calibration Verification Summary Report

FORM 7

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Calibration Date/Time: 12/12/2022 23:48 **Lab File ID:** 221212H024.qgd

Instrument ID: J7H **Lab Sample ID:** A CCV6

Parameter	Spike Added	CCV Result	CCV %D	QC Limits Q	QC Limits % D
1-Methylnaphthalene*	50.0	44.1	12		20
2-Methylnaphthalene*	50.0	44.8	10		20
Benzo[a]anthracene*	50.0	46.1	7.8		20
Bis(2-Ethylhexyl) phthalate	50.0	47.8	4.3		20
Dibenzo[a,h]anthracene*	50.0	48.0	4.1		20
Naphthalene*	50.0	44.6	11		20
2,4,6-Tribromophenol	50.0	43.6	13		20
2-Fluorobiphenyl	50.0	46.0	7.9		20
2-Fluorophenol	50.0	49.9	0.30		20
2-Methylnapthalene-d10	50.0	46.7	6.5		20
Fluoranthene-d10	50.0	46.8	6.5		20
Nitrobenzene-d5	50.0	46.9	6.3		20
Phenol-d6	50.0	51.1	2.2		20
p-Terphenyl-d14	50.0	46.2	7.6		20

Analyst: CMN Instrument: J7H Trace Number: SVOC-BO45-F14-Y
Method: 8270C/D/E/625.1 Batch:
Sample ID: A CCV6 Data File: C:\GCMSsolution\Data\221212H024.qgd
Date: 12/12/2022 Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm
Time: 23:48:16 Sample Name: A CCV6
Dilution: 1

Internal Standard

ID#	Name	Mass	Time	Area	Conc.
1	1,4-Dichlorobenzene-d4 (IS)	150.00	9.89	272304	40.00
24	Naphthalene-d8 (IS)	136.00	12.06	730534	40.00
45	Acenaphthene-d10 (IS)	164.00	14.97	340309	40.00
73	Phenanthrene-d10 (IS)	188.00	17.41	608968	40.00
95	Chrysene-d12 (IS)	240.00	21.74	535630	40.00
107	Perylene-d12 (IS)	264.00	23.90	405166	40.00

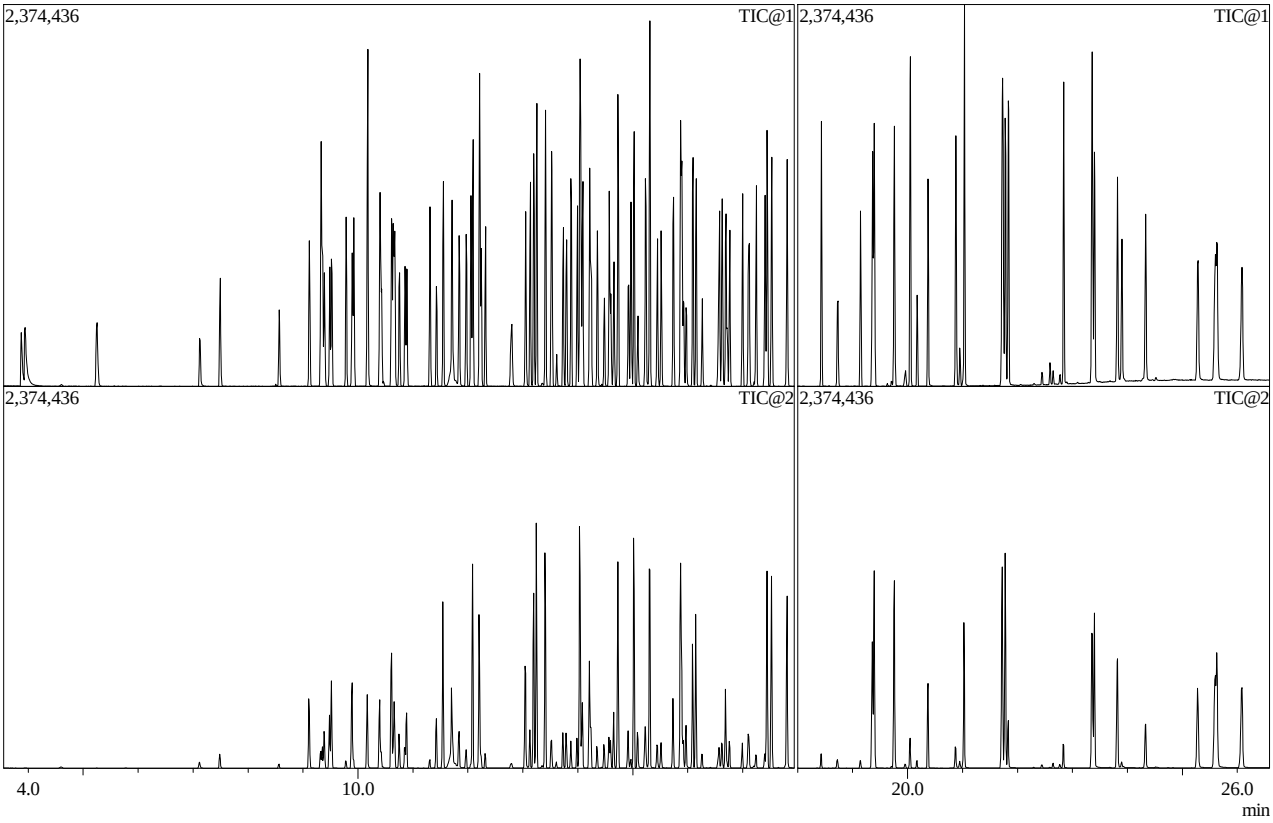
Surrogate

ID#	Name	Mass	Time	Area	Conc.
5	2-Fluorophenol	112.00	7.49	322237	49.87
10	Phenol-d6	99.00	9.33	395769	51.10
25	Nitrobenzene-d5	82.00	10.86	318522	46.85
50	2-Fluorobiphenyl	172.00	13.88	568173	46.04
78	2,4,6-Tribromophenol	330.00	16.26	60048	43.62
97	p-Terphenyl-d14	244.00	20.05	736583	46.21

Target

ID#	Name	Mass	Time	Area	Conc.
2	N-Nitrosodimethylamine	74.00	3.87	298647	56.56
3	Pyridine	79.00	3.94	369775	50.63
4	Methyl methanesulfonate	80.00	7.12	181328	49.94
6	Ethyl methanesulfonate	79.00	8.57	240488	49.03
7	Benzaldehyde	106.00	9.12	267859	49.27
8	Aniline	93.00	9.33	505562	49.31
9	Pentachloroethane	167.00	9.39	97670	48.74
11	Phenol	94.00	9.36	486023	50.55
12	bis(2-Chloroethyl)Ether	93.00	9.49	352517	49.10
13	2-Chlorophenol	128.00	9.52	336395	49.40
14	1,3-Dichlorobenzene	146.00	9.78	337246	48.38
15	1,4-Dichlorobenzene	146.00	9.92	350794	49.21
16	1,2-Dichlorobenzene	146.00	10.18	334712	48.75
17	Benzyl Alcohol	79.00	10.18	308153	51.50
18	bis(2-Chloroisopropyl) Ether	45.00	10.43	607589	48.88
19	2-Methylphenol (o-Cresol)	108.00	10.40	338822	49.93
20	Acetophenone	105.00	10.61	494896	49.59
21	N-Nitrosodi-n-propylamine	70.00	10.64	255405	49.78
22	3+4-Methylphenol(m&p-Cresol)	107.00	10.67	368578	50.62
23	Hexachloroethane	117.00	10.75	147158	48.96
26	Nitrobenzene	77.00	10.89	331176	46.33
27	Isophorone	82.00	11.31	665339	47.26
28	2-Nitrophenol	139.00	11.43	172423	49.21
29	2,4-Dimethylphenol	107.00	11.55	365152	47.74
30	Bis(2-Chloroethoxy)methane	93.00	11.71	413685	46.31
31	2,4-Dichlorophenol	162.00	11.84	229786	48.03
32	Benzoic Acid	105.00	11.73	225648	47.32
33	1,2,4-Trichlorobenzene	180.00	11.97	237575	46.91
34	Naphthalene	128.00	12.09	1113811	44.55
35	4-Chloroaniline	127.00	12.21	424512	48.33
36	2,6-Dichlorophenol	162.00	12.22	225138	47.85
37	Hexachloropropene	213.00	12.24	182667	49.27
38	Hexachlorobutadiene	225.00	12.32	164020	47.16
39	Caprolactam	55.00	12.80	161207	48.85
40	2-Methylnaphthalene-d10	152.00	13.20	542800	46.74
41	4-Chloro-3-methylphenol	107.00	13.05	344515	49.36
42	Safrole	162.00	13.14	221006	47.32
43	2-Methylnaphthalene	142.00	13.25	714259	44.83
44	1-Methylnaphthalene	142.00	13.40	666882	44.13
46	Hexachlorocyclopentadiene	237.00	13.52	169242	45.04
47	1,2,4,5-Tetrachlorobenzene	216.00	13.53	287232	47.40
48	2,4,6-Trichlorophenol	196.00	13.73	177779	49.61
49	2,4,5-Trichlorophenol	196.00	13.79	182906	46.84
51	Isosafrole	162.00	13.99	229098	47.29
52	1,1'-Biphenyl	154.00	14.04	719528	46.86
53	2-Chloronaphthalene	162.00	14.05	555988	46.68
54	1-Chloronaphthalene	162.00	14.09	434301	46.58
55	2-Nitroaniline	138.00	14.24	207132	48.31
56	1,4-Naphthoquinone	158.00	14.36	215816	45.54
57	Dimethyl phthalate	163.00	14.57	573668	46.25
58	1,3-Dinitrobenzene	168.00	14.48	83636	44.84

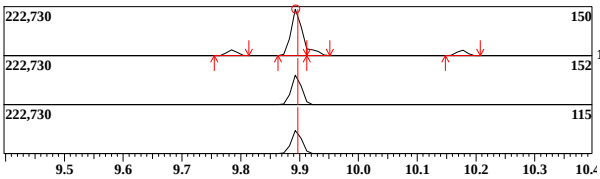
ID#	Name	Mass	Time	Area	Conc.
59	2,6-Dinitrotoluene (2,6-DNT)	165.00	14.66	124253	46.72
60	Acenaphthylene	152.00	14.73	927581	44.57
61	3-Nitroaniline	138.00	14.92	169619	47.53
62	Acenaphthene	154.00	15.02	617901	44.74
63	2,4-Dinitrophenol	184.00	15.09	81161	50.78
64	Pentachlorobenzene	250.00	15.24	219703	46.91
65	Dibenzofuran	168.00	15.31	846336	45.46
66	2,4-Dinitrotoluene (2,4-DNT)	165.00	15.31	188582	49.15
67	4-Nitrophenol	65.00	15.23	128118	46.01
68	2,3,4,6-Tetrachlorophenol	232.00	15.52	164064	49.69
69	Diethyl phthalate	149.00	15.74	633922	46.92
70	Fluorene	166.00	15.87	660126	43.96
71	4-Chlorophenyl phenyl ether	204.00	15.89	311489	46.59
72	4-Nitroaniline	138.00	15.92	157951	47.55
74	4,6-Dinitro-2-methylphenol	198.00	15.97	103824	49.21
75	N-Nitrosodiphenylamine	169.00	16.09	498746	47.34
76	Diphenylamine	169.00	16.09	498746	47.34
77	1,2-Diphenylhydrazine	77.00	16.15	666976	47.28
79	(cis/trans)-Diallate	43.00	16.58	323315	48.58
80	Phenacetin	108.00	16.63	346406	50.10
81	4-Bromophenyl phenyl ether	250.00	16.69	165140	47.23
82	Hexachlorobenzene	284.00	16.76	148076	46.46
83	Atrazine	200.00	17.00	168550	47.84
84	Pentachlorophenol	266.00	17.10	82772	46.88
85	Pentachloronitrobenzene	237.00	17.12	82132	49.36
86	Pronamide (Kerb)	173.00	17.25	243541	47.26
87	Phenanthrene	178.00	17.44	917900	45.32
88	Anthracene	178.00	17.52	931191	44.14
89	Carbazole	167.00	17.81	845320	45.02
90	Di-n-butyl phthalate	149.00	18.43	1057095	47.74
91	4-Nitroquinoline-N-Oxide	190.00	18.73	73681	47.64
92	Isodrin	193.00	19.15	96016	47.91
93	Fluoranthene-d10	212.00	19.36	883067	46.76
94	Fluoranthene	202.00	19.39	1077167	43.33
96	Pyrene	202.00	19.76	1092818	43.44
98	Aramite A	185.00	20.05	73726	22.49
99	Aramite B	185.00	20.17	76722	23.99
100	Chlorobenzilate	251.00	20.37	240960	48.91
101	Butyl benzyl phthalate	149.00	20.88	456280	47.84
102	Di(2-ethylhexyl) adipate	129.00	21.03	493992	48.10
103	Benzo[a]anthracene	228.00	21.72	1041174	46.09
104	Chrysene	228.00	21.78	963841	42.58
105	Bis(2-Ethylhexyl) phthalate	149.00	21.83	669549	47.85
106	Di-n-octyl phthalate	149.00	22.84	1121773	48.01
108	Benzo[b]fluoranthene	252.00	23.36	932530	46.48
109	Benzo[k]fluoranthene	252.00	23.40	812239	42.48
110	Benzo[a]pyrene	252.00	23.82	719018	45.85
111	Indeno(1,2,3-cd)pyrene	276.00	25.59	590276	48.84
112	3-Methylcholanthrene	268.00	-	---	N.D.
113	Dibenz(a,j)Acridine	279.00	25.28	488538	47.54
114	Dibenzo[a,h]anthracene	278.00	25.63	609910	47.97
115	Benzo[g,h,i]perylene	276.00	26.08	582122	47.03
116	2-Picoline (2-Methylpyridine)	93.00	-	---	N.D.(Peak)
117	N-Nitrosomethylethylamine	88.00	-	---	N.D.(Peak)
118	N-Nitrosodiethylamine	102.00	-	---	N.D.(Peak)
119	n-Decane	57.00	-	---	N.D.(Ref)
120	N-Nitrosopyrrolidine	100.00	-	---	N.D.(Peak)
121	N-Nitrosomorpholine	56.00	-	---	N.D.(Ref)
122	o-Toluidine	106.00	-	---	N.D.(Ref)
123	N-Nitrosopiperidine	114.00	-	---	N.D.(Peak)
124	a,a-Dimethylphenethylamine	58.00	-	---	N.D.(Peak)
125	Alpha-Terpineol	59.00	-	---	N.D.(Ref)
126	p-Phenylenediamine	108.00	-	---	N.D.(Ref)
127	N-Nitrosodi-n-butylamine	84.00	-	---	N.D.(Ref)
128	2,3-Dichloroaniline	161.00	-	---	N.D.
129	1-Naphthylamine	143.00	-	---	N.D.(Ref)
130	2-Naphthylamine	143.00	-	---	N.D.(Ref)
131	5-Nitro-o-Toluidine	152.00	-	---	N.D.(Ref)
132	4-Aminobiphenyl	169.00	-	---	N.D.(Ref)
133	n-Octadecane	57.00	-	---	N.D.(Ref)
134	Benzidine	184.00	-	---	N.D.(Ref)
135	4-Dimethyl aminoazobenzene	120.00	-	---	N.D.(Ref)
136	3,3'-Dimethylbenzidine	212.00	-	---	N.D.(Ref)
137	2-Acetylaminofluorene	181.00	-	---	N.D.(Ref)
138	3,3`-Dichlorobenzidine	252.00	-	---	N.D.(Peak)
139	7,12-Dimethylbenz[a]anthracene	256.00	-	---	N.D.(Ref)


2,374,436
TIC@1
2,374,436
TIC@1
2,374,436
TIC@2
2,374,436
TIC@2
4.0
10.0
20.0
26.0
min

ID#:1 Name:1,4-Dichlorobenzene-d4 (IS) Type:ISTD Manual Integration Performed
Manual Reason: Split peak. CMN 12/14/2022

Mass:150.00 R.T:9.894 Area:272304 Conc:40.00000ppm
Event:1:Scan SI:99

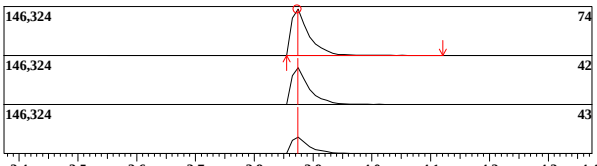
#	m/z	Area	Ratio	Reference
1	152.00	80566	65.42	65.66
2	115.00	63458	51.53	48.88



ID#:2 Name:N-Nitrosodimethylamine Type:Target No Manual Integration

Mass:74.00 R.T:3.873 Area:298647 Conc:56.56086ppm
Event:1:Scan SI:96

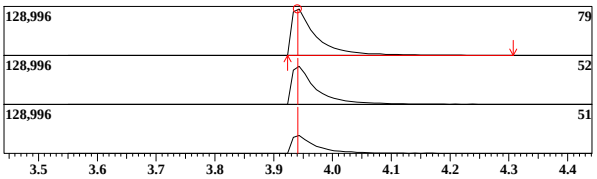
#	m/z	Area	Ratio	Reference
1	42.00	91505	79.39	72.10
2	43.00	41142	35.70	38.30



ID#:3 Name:Pyridine Type:Target No Manual Integration

Mass:79.00 R.T:3.940 Area:369775 Conc:50.63179ppm
Event:1:Scan SI:97

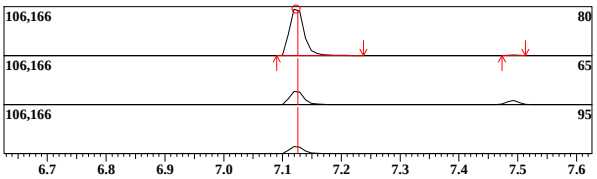
#	m/z	Area	Ratio	Reference
1	52.00	90984	82.10	80.35
2	51.00	42330	38.20	37.95



ID#:4 Name:Methyl methanesulfonate Type:Target No Manual Integration

Mass:80.00 R.T:7.124 Area:181328 Conc:49.93929ppm
Event:1:Scan SI:98

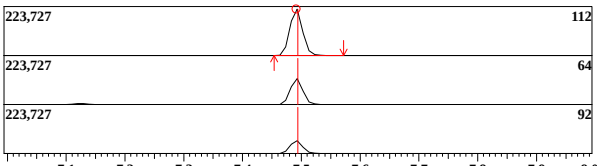
#	m/z	Area	Ratio	Reference
1	65.00	22912	28.18	35.13
2	95.00	12541	15.42	18.43



ID#:5 Name:2-Fluorophenol Type:Surrogate/SMC No Manual Integration

Mass:112.00 R.T:7.491 Area:322237 Conc:49.86874ppm
Event:1:Scan SI:85

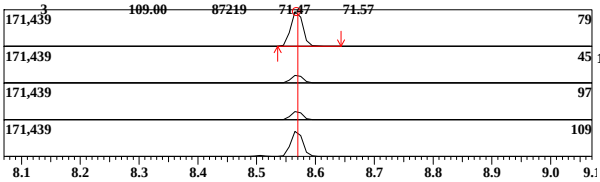
#	m/z	Area	Ratio	Reference
1	64.00	87633	55.56	72.76
2	92.00	43844	27.80	26.11



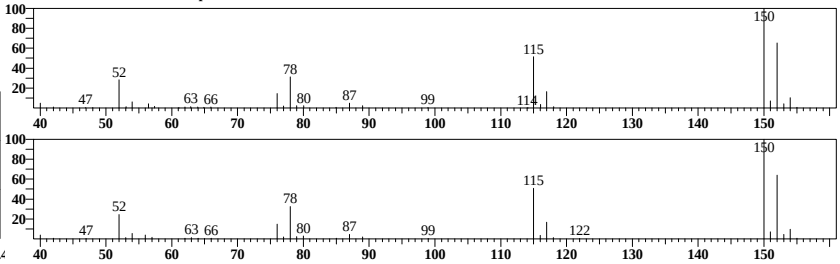
ID#:6 Name:Ethyl methanesulfonate Type:Target No Manual Integration

Mass:79.00 R.T:8.568 Area:240488 Conc:49.03330ppm
Event:1:Scan SI:98

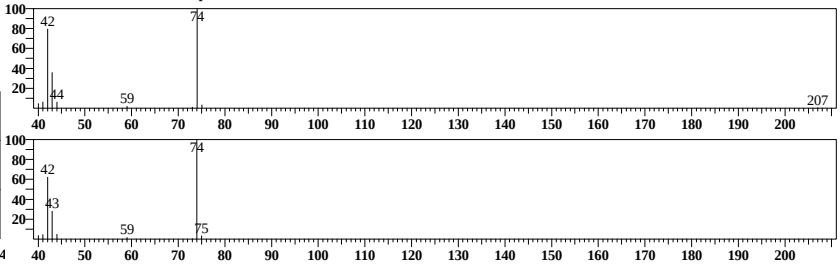
#	m/z	Area	Ratio	Reference
1	45.00	26737	21.91	17.15
2	97.00	28031	22.97	24.70
3	109.00	87219	71.47	71.57



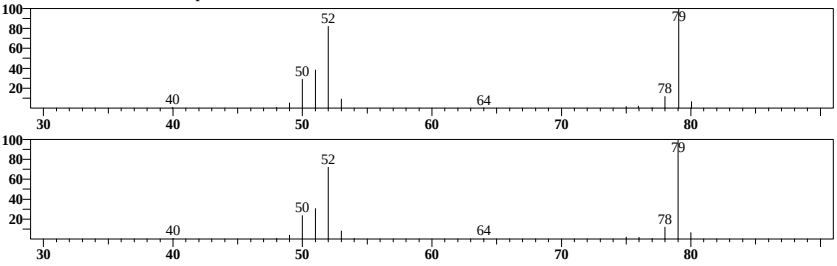
ID#:1 R.Time:9.893(Scan#:1291)
MassPeaks:35
RawMode:Averaged 9.883-9.902(1289-1293)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



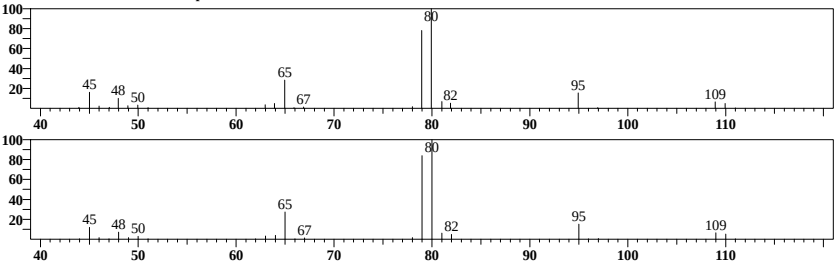
ID#:2 R.Time:3.874(Scan#:67)
MassPeaks:10
RawMode:Averaged 3.865-3.884(65-69)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



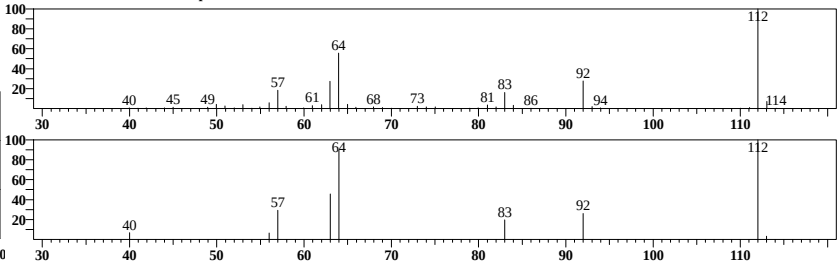
ID#:3 R.Time:3.943(Scan#:81)
MassPeaks:14
RawMode:Averaged 3.934-3.953(79-83)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



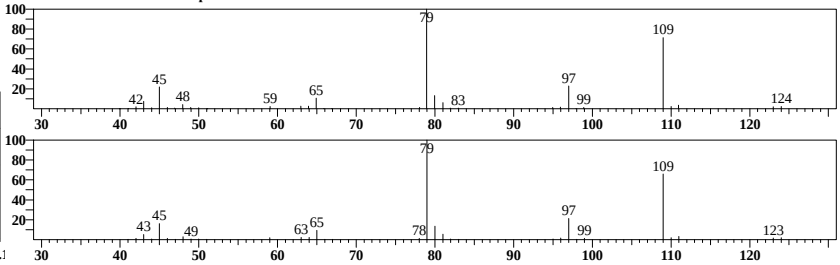
ID#:4 R.Time:7.120(Scan#:727)
MassPeaks:23
RawMode:Averaged 7.110-7.129(725-729)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:5 R.Time:7.493(Scan#:803)
MassPeaks:48
RawMode:Averaged 7.483-7.503(801-805)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



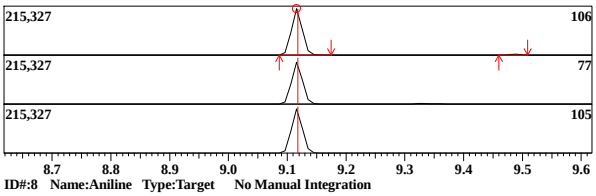
ID#:6 R.Time:8.565(Scan#:1021)
MassPeaks:34
RawMode:Averaged 8.555-8.575(1019-1023)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



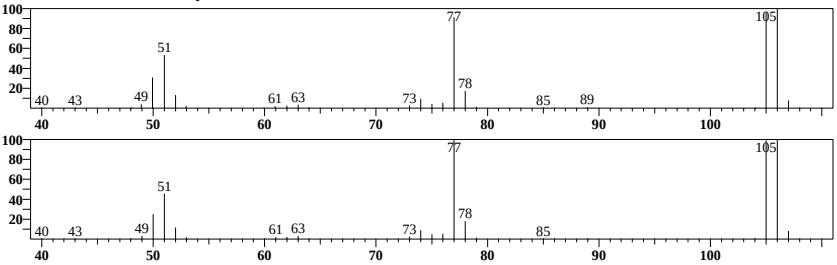
ID#:7 Name:Benzaldehyde Type:Target No Manual Integration

Mass:106.00 R.T:9.116 Area:267859 Conc:49.26712ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	77.00	126921	91.11	85.00
2	105.00	133984	96.18	96.78



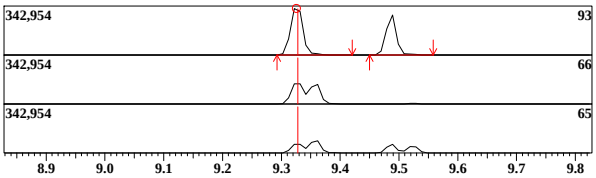
ID#:7 R.Time:9.116(Scan#:1133)
MassPeaks:28
RawMode:Averaged 9.106-9.126(1131-1135)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



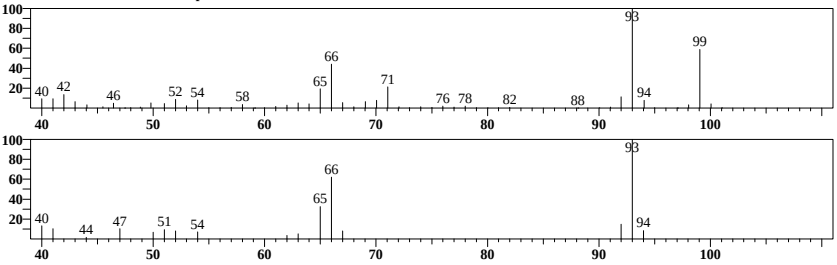
ID#:8 Name:Aniline Type:Target No Manual Integration

Mass:93.00 R.T:9.326 Area:505562 Conc:49.31354ppm
Event:1:Scan SI:72

#	m/z	Area	Ratio	Reference
1	66.00	109661	44.13	46.22
2	65.00	48101	19.36	22.48



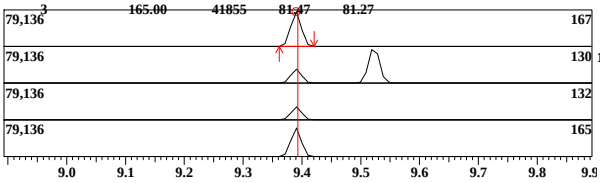
ID#:8 R.Time:9.322(Scan#:1175)
MassPeaks:55
RawMode:Averaged 9.312-9.332(1173-1177)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



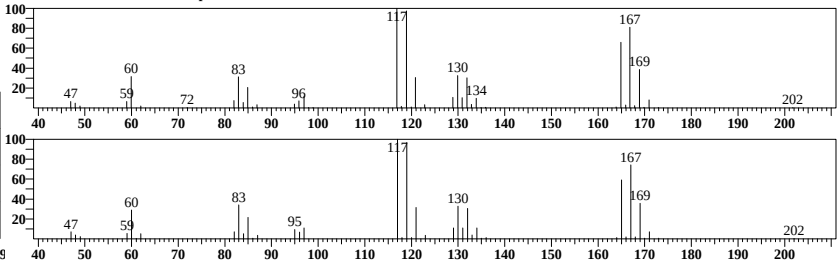
ID#:9 Name:Pentachloroethane Type:Target No Manual Integration

Mass:167.00 R.T:9.390 Area:97670 Conc:48.74330ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	130.00	20627	40.15	38.70
2	132.00	19101	37.18	34.68
3	165.00	41855	81.47	81.27



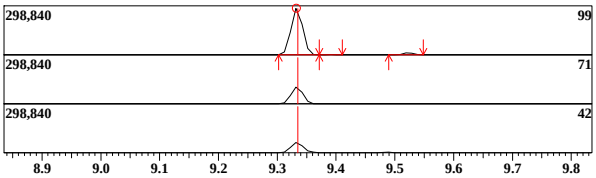
ID#:9 R.Time:9.391(Scan#:1189)
MassPeaks:42
RawMode:Averaged 9.381-9.401(1187-1191)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



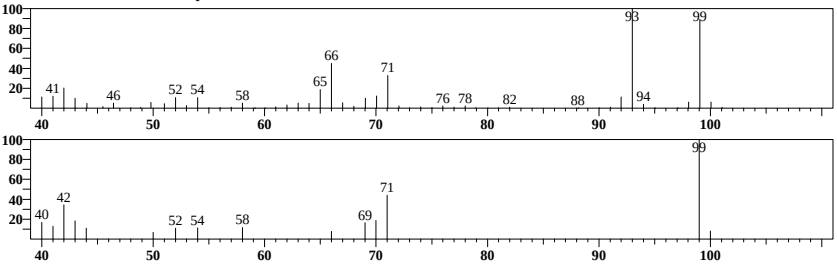
ID#:10 Name:Phenol-d6 Type:Surrogate/SMC No Manual Integration

Mass:99.00 R.T:9.333 Area:395769 Conc:51.09797ppm
Event:1:Scan SI:68

#	m/z	Area	Ratio	Reference
1	71.00	74670	36.95	35.02
2	42.00	46087	22.81	16.82



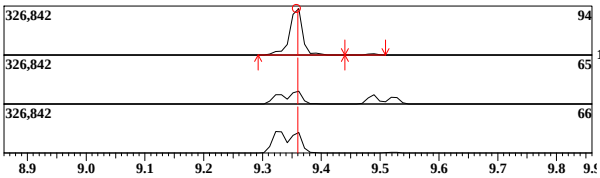
ID#:10 R.Time:9.332(Scan#:1177)
MassPeaks:54
RawMode:Averaged 9.322-9.342(1175-1179)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



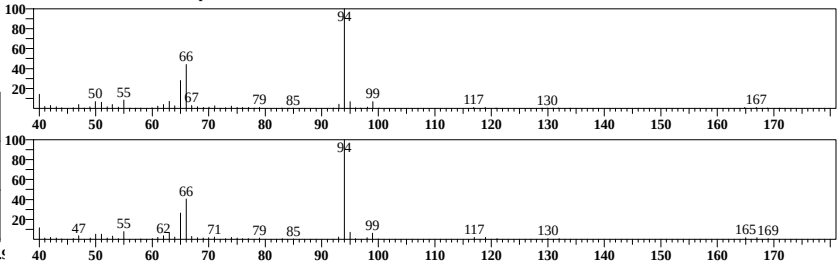
ID#:11 Name:Phenol Type:Target No Manual Integration

Mass:94.00 R.T:9.358 Area:486023 Conc:50.55359ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	65.00	61107	27.95	31.65
2	66.00	96079	43.95	40.72



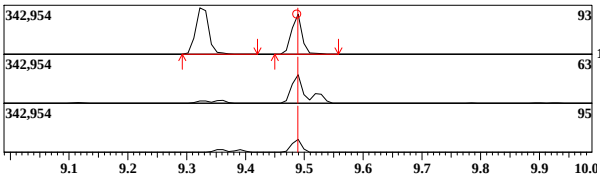
ID#:11 R.Time:9.362(Scan#:1183)
MassPeaks:62
RawMode:Averaged 9.352-9.371(1181-1185)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



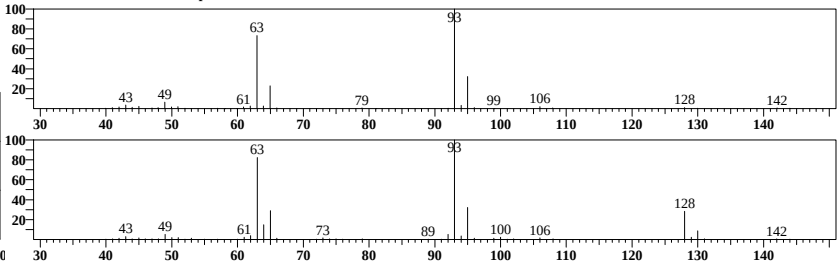
ID#:12 Name:bis(2-Chloroethyl)Ether Type:Target No Manual Integration

Mass:93.00 R.T:9.487 Area:352517 Conc:49.10263ppm
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	63.00	132919	73.34	95.54
2	95.00	58565	32.31	33.05



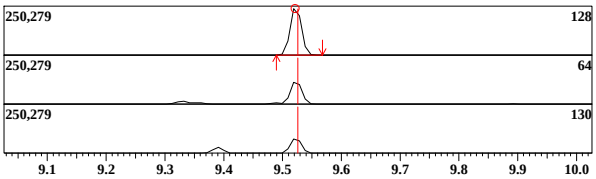
ID#:12 R.Time:9.489(Scan#:1209)
MassPeaks:35
RawMode:Averaged 9.479-9.499(1207-1211)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



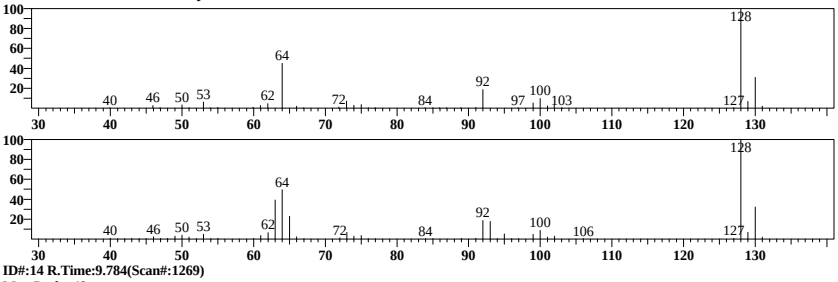
ID#:13 Name:2-Chlorophenol Type:Target No Manual Integration

Mass:128.00 R.T:9.522 Area:336395 Conc:49.40054ppm
Event:1:Scan SI:84

#	m/z	Area	Ratio	Reference
1	64.00	77231	45.10	65.60
2	130.00	52918	30.90	31.89



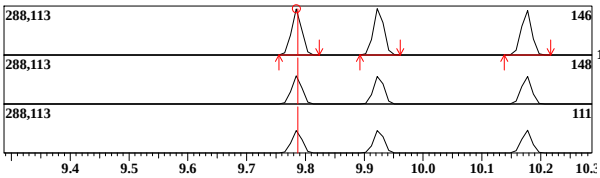
ID#:13 R.Time:9.519(Scan#:1215)
MassPeaks:38
RawMode:Averaged 9.509-9.529(1213-1217)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



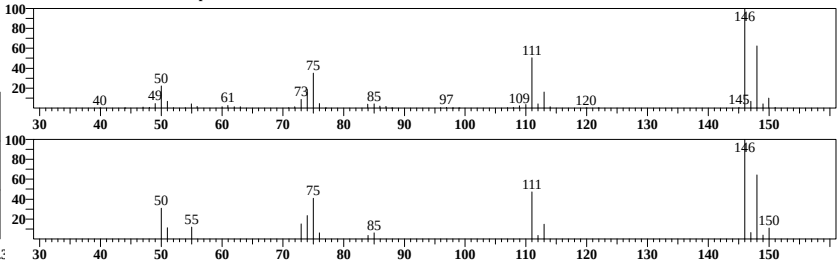
ID#:14 Name:1,3-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.785 Area:337246 Conc:48.38472ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	148.00	111469	62.24	64.92
2	111.00	90360	50.45	55.28



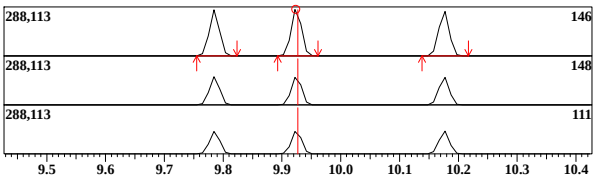
ID#:14 R.Time:9.784(Scan#:1269)
MassPeaks:48
RawMode:Averaged 9.774-9.794(1267-1271)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



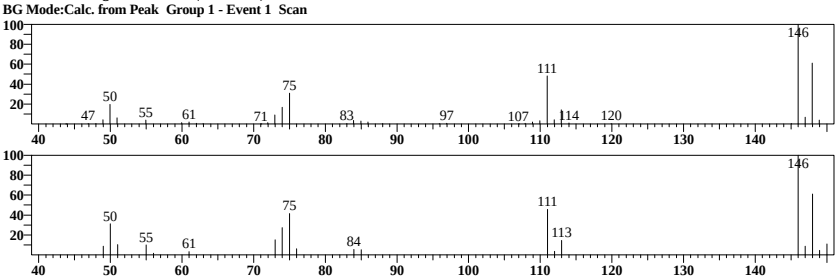
ID#:15 Name:1,4-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.924 Area:350794 Conc:49.21037ppm
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	148.00	113101	61.00	66.17
2	111.00	89332	48.18	47.39



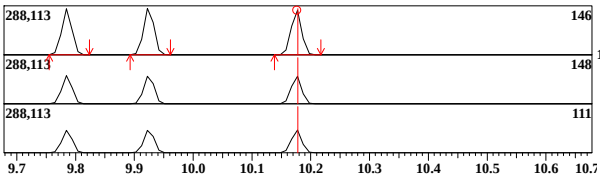
ID#:15 R.Time:9.922(Scan#:1297)
MassPeaks:37
RawMode:Averaged 9.912-9.932(1295-1299)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



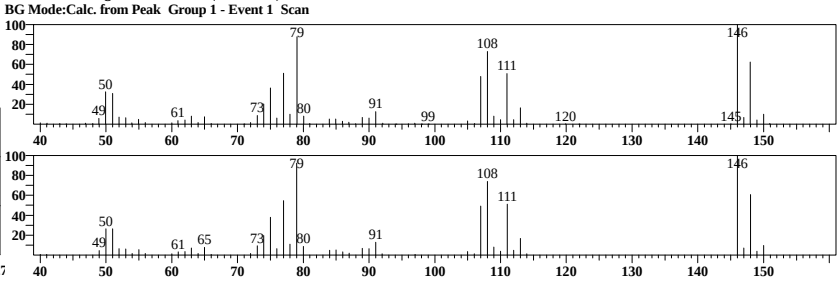
ID#:16 Name:1,2-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:10.176 Area:334712 Conc:48.74575ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	148.00	109521	62.29	65.19
2	111.00	89170	50.72	55.22



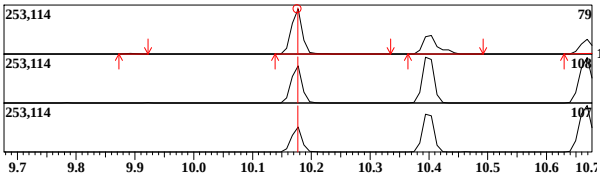
ID#:16 R.Time:10.178(Scan#:1349)
MassPeaks:65
RawMode:Averaged 10.168-10.188(1347-1351)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



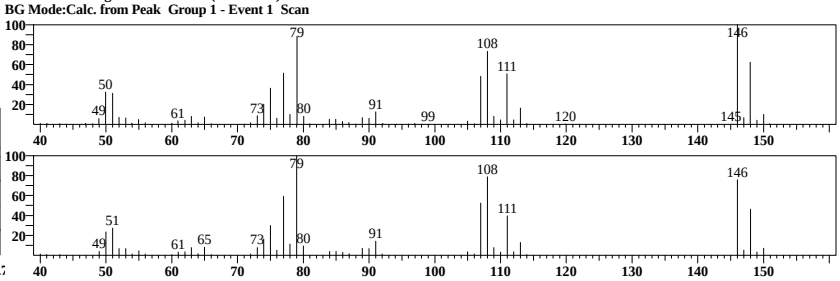
ID#:17 Name:Benzyl Alcohol Type:Target No Manual Integration

Mass:79.00 R.T:10.176 Area:308153 Conc:51.50392ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	108.00	128991	83.10	85.77
2	107.00	84710	54.57	58.74



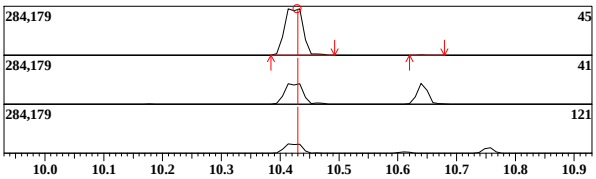
ID#:17 R.Time:10.178(Scan#:1349)
MassPeaks:65
RawMode:Averaged 10.168-10.188(1347-1351)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



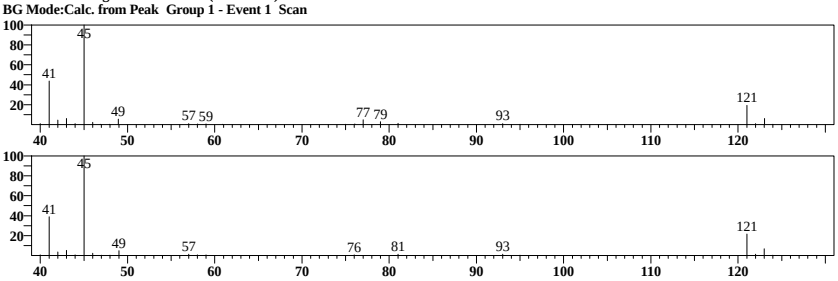
ID#:18 Name:bis(2-Chloroisopropyl) Ether Type:Target No Manual Integration

Mass:45.00 R.T:10.429 Area:607589 Conc:48.88216ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	41.00	90239	43.70	39.13
2	121.00	39549	19.15	18.18



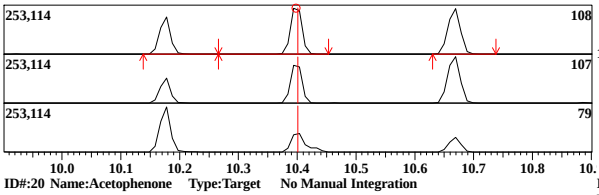
ID#:18 R.Time:10.433(Scan#:1401)
MassPeaks:25
RawMode:Averaged 10.424-10.443(1399-1403)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



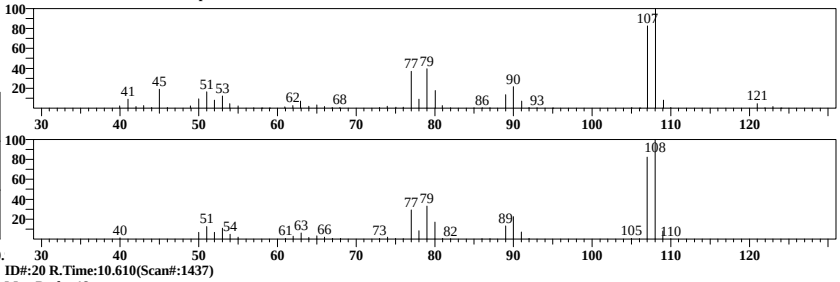
ID#:19 Name:2-Methylphenol (o-Cresol) Type:Target No Manual Integration

Mass:108.00 R.T:10.398 Area:338822 Conc:49.92911ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	107.00	142784	82.68	84.56
2	79.00	68184	39.48	35.28



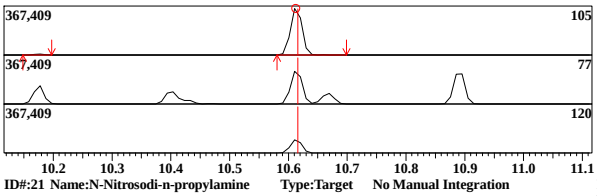
ID#:19 R.Time:10.394(Scan#:1393)
MassPeaks:54
RawMode:Averaged 10.384-10.404(1391-1395)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



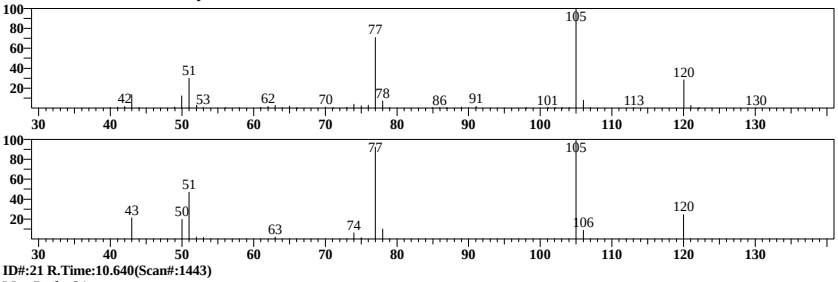
ID#:20 Name:Acetophenone Type:Target No Manual Integration

Mass:105.00 R.T:10.613 Area:494896 Conc:49.58999ppm
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	77.00	179351	70.84	73.31
2	120.00	71961	28.42	24.48



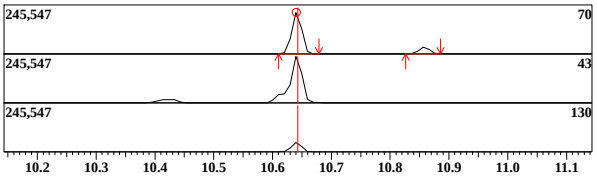
ID#:20 R.Time:10.610(Scan#:1437)
MassPeaks:46
RawMode:Averaged 10.601-10.620(1435-1439)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



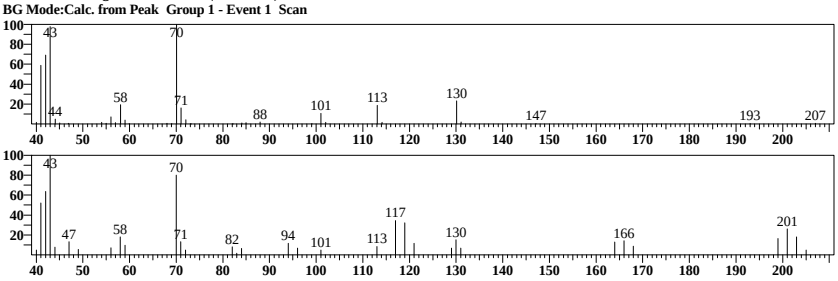
ID#:21 Name:N-Nitrosodi-n-propylamine Type:Target No Manual Integration

Mass:70.00 R.T:10.641 Area:255405 Conc:49.78408ppm
Event:1:Scan SI:74

#	m/z	Area	Ratio	Reference
1	43.00	133734	97.74	109.00
2	130.00	31653	23.13	17.19



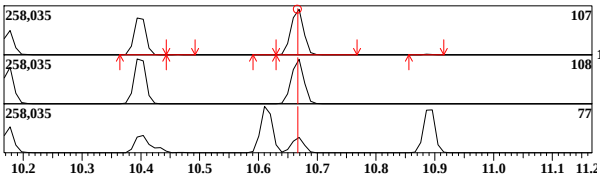
ID#:21 R.Time:10.640(Scan#:1443)
MassPeaks:34
RawMode:Averaged 10.630-10.650(1441-1445)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



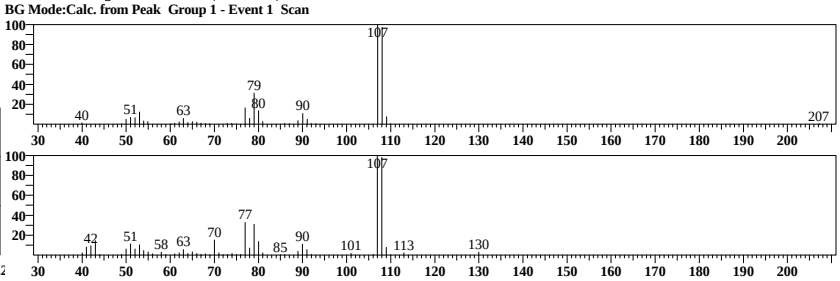
ID#:22 Name:3+4-Methylphenol(m&p-Cresol) Type:Target No Manual Integration

Mass:107.00 R.T:10.667 Area:368578 Conc:50.62031ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	108.00	175148	97.26	95.43
2	77.00	29719	16.50	31.91



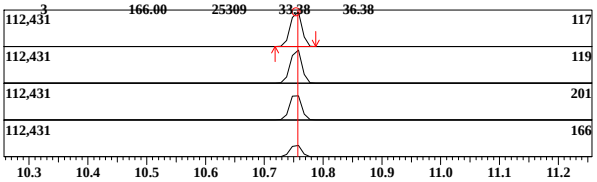
ID#:22 R.Time:10.669(Scan#:1449)
MassPeaks:38
RawMode:Averaged 10.660-10.679(1447-1451)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



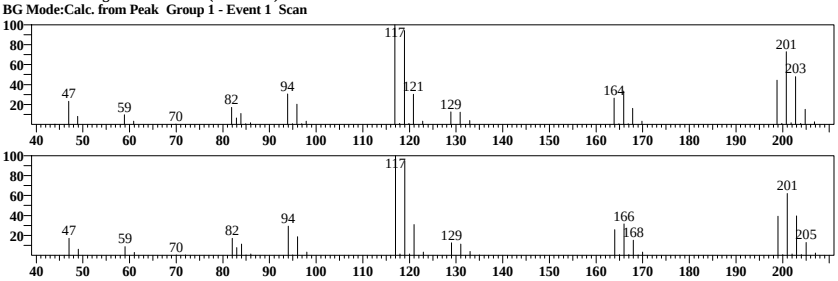
ID#:23 Name:Hexachloroethane Type:Target No Manual Integration

Mass:117.00 R.T:10.755 Area:147158 Conc:48.95726ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	119.00	71389	94.17	92.41
2	201.00	55416	73.10	78.73
3	166.00	25309	33.38	36.38



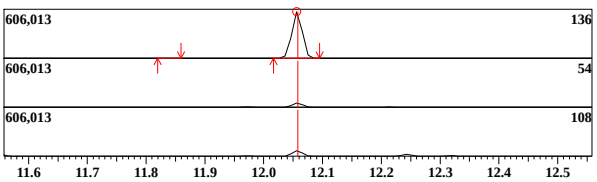
ID#:23 R.Time:10.758(Scan#:1467)
MassPeaks:39
RawMode:Averaged 10.748-10.768(1465-1469)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



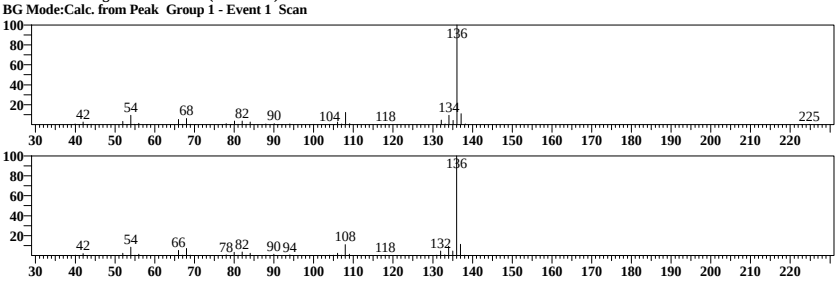
ID#:24 Name:Naphthalene-d8 (IS) Type:ISTD No Manual Integration

Mass:136.00 R.T:12.056 Area:730534 Conc:40.00000ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	54.00	35983	9.27	11.97
2	108.00	47452	12.23	12.20



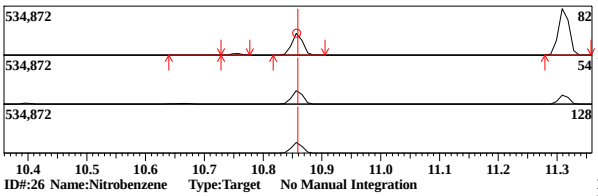
ID#:24 R.Time:12.056(Scan#:1731)
MassPeaks:46
RawMode:Averaged 12.046-12.066(1729-1733)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:25 Name:Nitrobenzene-d5 Type:Surrogate/SMC No Manual Integration

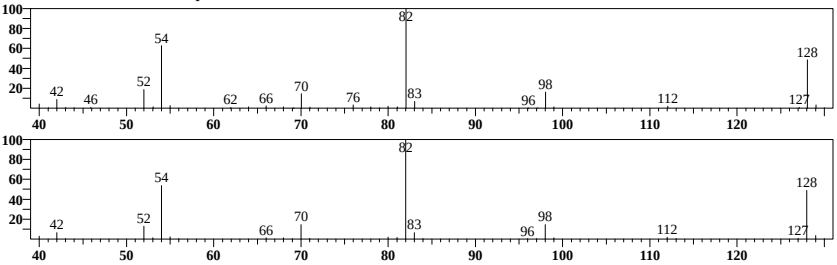
Mass:82.00 R.T:10.858 Area:318522 Conc:46.85014ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	54.00	104238	62.76	65.85
2	128.00	80541	48.49	43.44

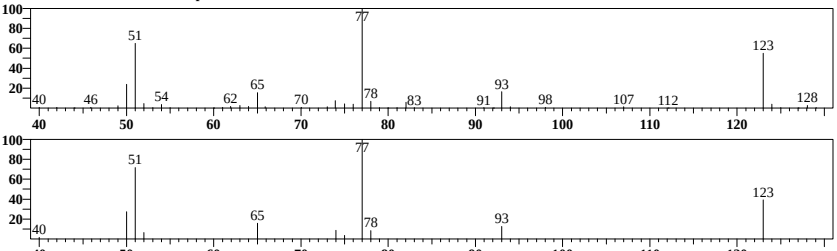


ID#:26 Name:Nitrobenzene Type:Target No Manual Integration

ID#:25 R.Time:10.856(Scan#:1487)
MassPeaks:33
RawMode:Averaged 10.846-10.866(1485-1489)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

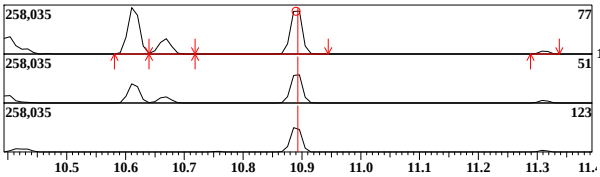


ID#:26 R.Time:10.886(Scan#:1493)
MassPeaks:43
RawMode:Averaged 10.876-10.896(1491-1495)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



Mass:77.00 R.T:10.890 Area:331176 Conc:46.33082ppm
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	51.00	109474	65.02	61.12
2	123.00	92542	54.96	46.32

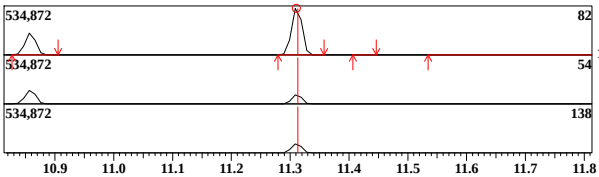


ID#:27 Name:Isophorone Type:Target No Manual Integration

ID#:27 R.Time:11.309(Scan#:1579)
MassPeaks:51
RawMode:Averaged 11.299-11.318(1577-1581)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

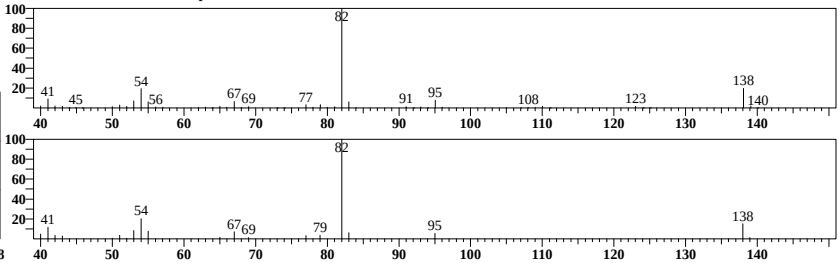
Mass:82.00 R.T:11.311 Area:665339 Conc:47.26041ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	54.00	67634	19.17	19.87
2	138.00	69723	19.76	14.87



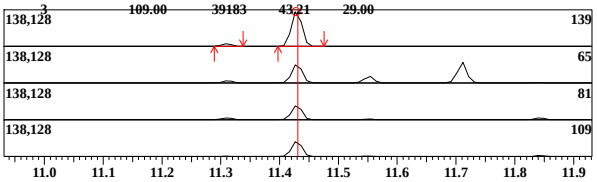
ID#:28 Name:2-Nitrophenol Type:Target No Manual Integration

ID#:28 R.Time:11.427(Scan#:1603)
MassPeaks:49
RawMode:Averaged 11.417-11.436(1601-1605)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



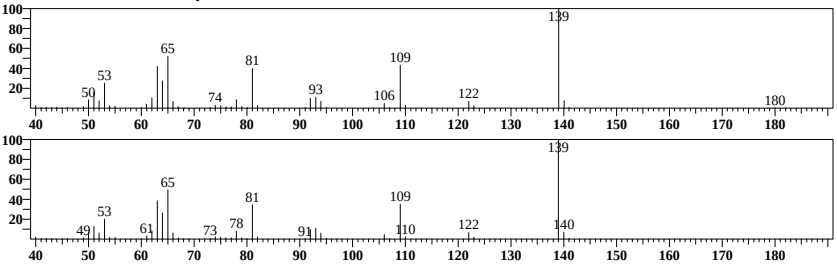
Mass:139.00 R.T:11.428 Area:172423 Conc:49.20797ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	65.00	47347	52.22	55.00
2	81.00	36222	39.95	33.00
3	109.00	39183	43.21	29.00



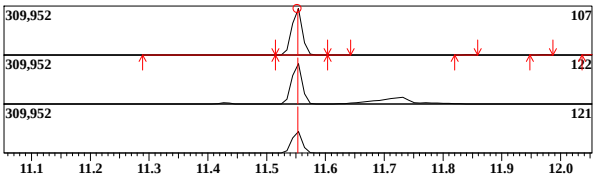
ID#:29 Name:2,4-Dimethylphenol Type:Target No Manual Integration

ID#:29 R.Time:11.554(Scan#:1629)
MassPeaks:60
RawMode:Averaged 11.544-11.564(1627-1631)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



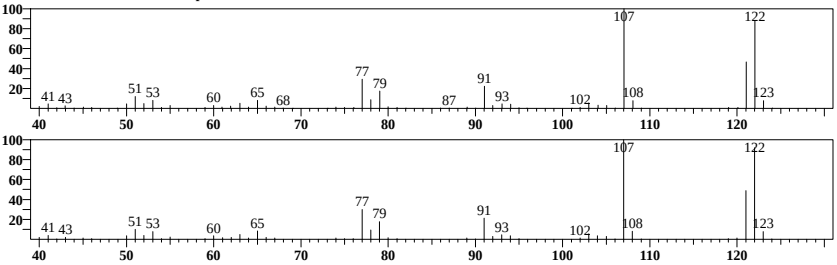
Mass:107.00 R.T:11.552 Area:365152 Conc:47.74239ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	122.00	167703	87.72	82.87
2	121.00	89086	46.60	42.24



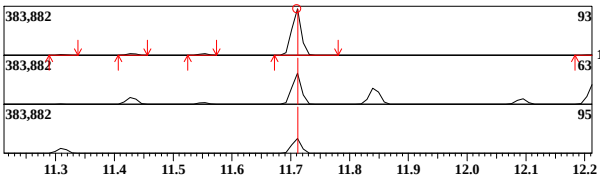
ID#:30 Name:Bis(2-Chloroethoxy)methane Type:Target No Manual Integration

ID#:30 R.Time:11.712(Scan#:1661)
MassPeaks:48
RawMode:Averaged 11.702-11.722(1659-1663)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

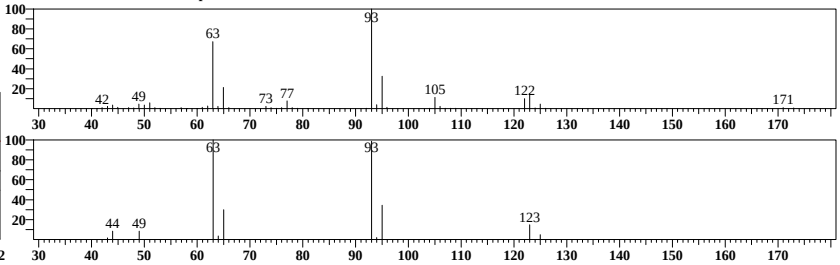


Mass:93.00 R.T:11.710 Area:413685 Conc:46.30844ppm
Event:1:Scan SI:85

#	m/z	Area	Ratio	Reference
1	63.00	149786	67.16	85.08
2	95.00	72591	32.55	33.16



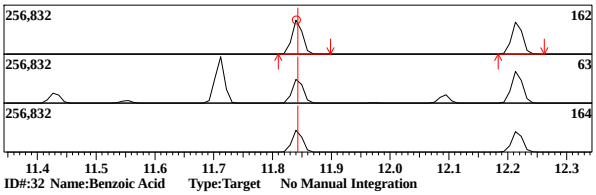
ID#:31 Name:Hexachlorocyclopentadiene Type:Target No Manual Integration



ID#:31 Name:2,4-Dichlorophenol Type:Target No Manual Integration

Mass:162.00 R.T:11.841 Area:229786 Conc:48.02789ppm
Event:1:Scan SI:98

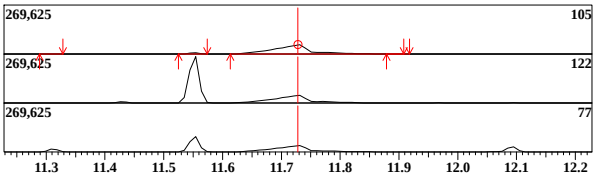
#	m/z	Area	Ratio	Reference
1	63.00	87290	72.67	59.00
2	164.00	78149	65.06	65.54



ID#:32 Name:Benzoic Acid Type:Target No Manual Integration

Mass:105.00 R.T:11.728 Area:225648 Conc:47.31570ppm
Event:1:Scan SI:80

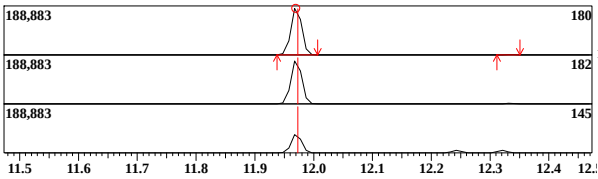
#	m/z	Area	Ratio	Reference
1	122.00	35882	83.41	76.85
2	77.00	31146	72.40	75.23



ID#:33 Name:1,2,4-Trichlorobenzene Type:Target No Manual Integration

Mass:180.00 R.T:11.970 Area:237575 Conc:46.91169ppm
Event:1:Scan SI:97

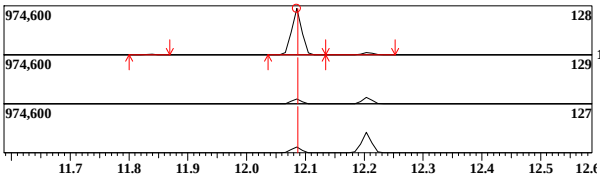
#	m/z	Area	Ratio	Reference
1	182.00	115608	93.25	91.21
2	145.00	48393	39.03	29.06



ID#:34 Name:Naphthalene Type:Target No Manual Integration

Mass:128.00 R.T:12.085 Area:1113811 Conc:44.55129ppm
Event:2:SIM SI:93

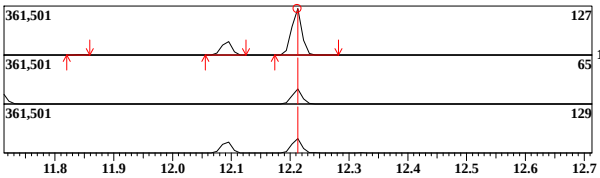
#	m/z	Area	Ratio	Reference
1	129.00	64553	10.78	10.48
2	127.00	75719	12.64	13.97



ID#:35 Name:4-Chloroaniline Type:Target No Manual Integration

Mass:127.00 R.T:12.212 Area:424512 Conc:48.32955ppm
Event:1:Scan SI:97

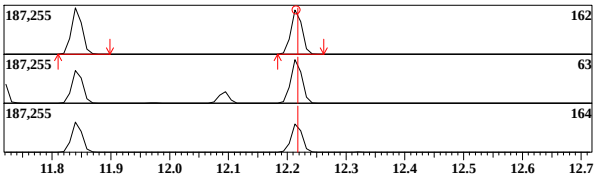
#	m/z	Area	Ratio	Reference
1	65.00	71902	32.39	45.58
2	129.00	69424	31.27	30.27



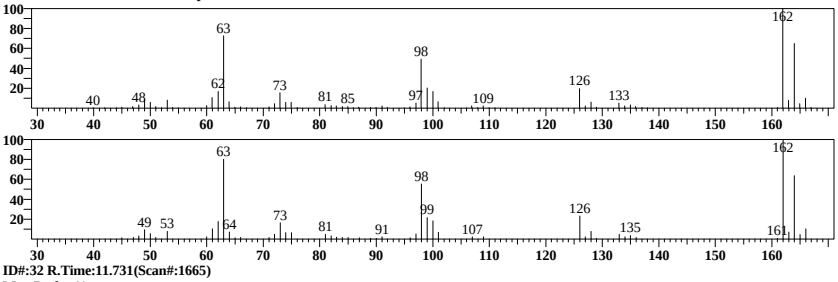
ID#:36 Name:2,6-Dichlorophenol Type:Target No Manual Integration

Mass:162.00 R.T:12.215 Area:225138 Conc:47.84963ppm
Event:1:Scan SI:97

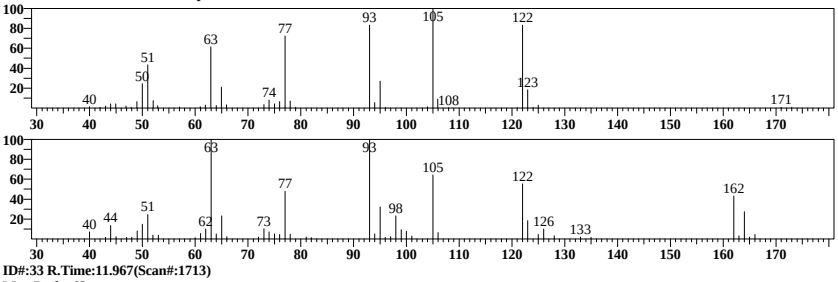
#	m/z	Area	Ratio	Reference
1	63.00	116119	98.89	88.00
2	164.00	74893	63.78	62.85



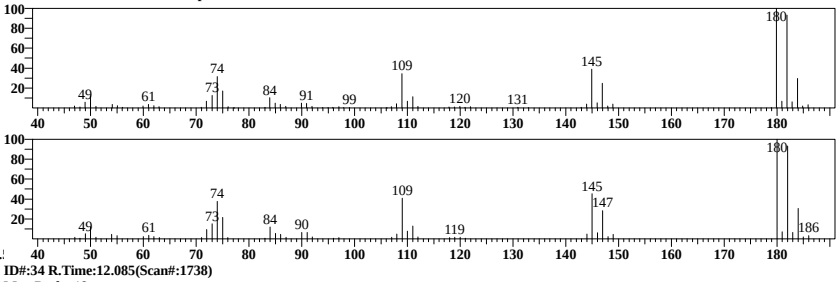
ID#:31 R.Time:11.839(Scan#:1687)
MassPeaks:69
RawMode:Averaged 11.830-11.849(1685-1689)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



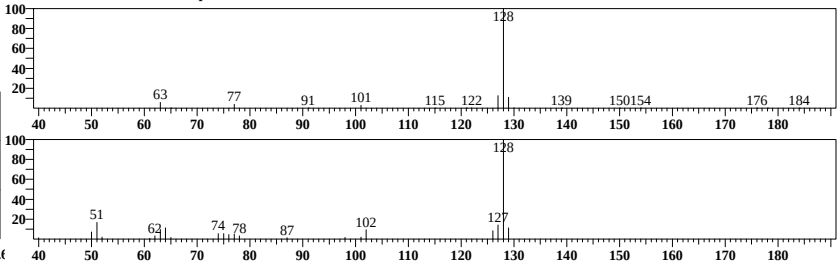
ID#:32 R.Time:11.731(Scan#:1665)
MassPeaks:41
RawMode:Averaged 11.722-11.741(1663-1667)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



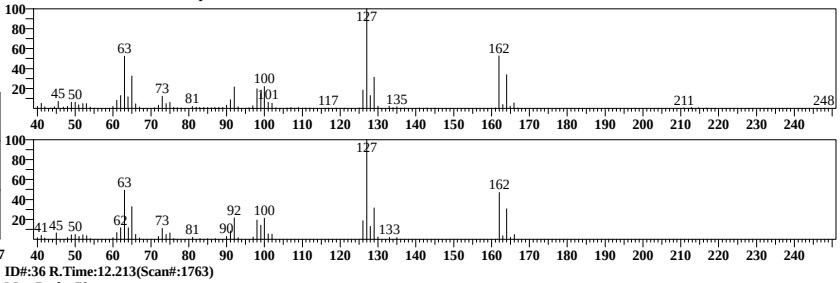
ID#:33 R.Time:11.967(Scan#:1713)
MassPeaks:62
RawMode:Averaged 11.958-11.977(1711-1715)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



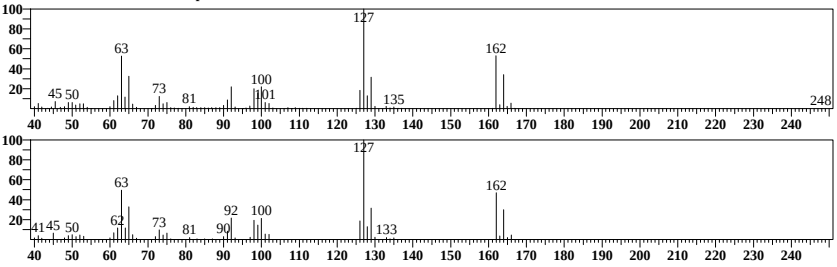
ID#:34 R.Time:12.085(Scan#:1738)
MassPeaks:18
RawMode:Averaged 12.076-12.095(1736-1740)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



ID#:35 R.Time:12.213(Scan#:1763)
MassPeaks:89
RawMode:Averaged 12.203-12.223(1761-1765)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



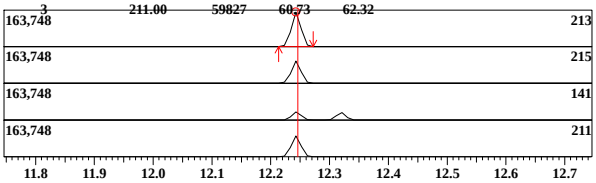
ID#:36 R.Time:12.213(Scan#:1763)
MassPeaks:78
RawMode:Averaged 12.203-12.223(1761-1765)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:37 Name:Hexachloropropene Type:Target No Manual Integration

Mass:213.00 R.T:12.243 Area:182667 Conc:49.27345ppm
Event:1:Scan SI:97

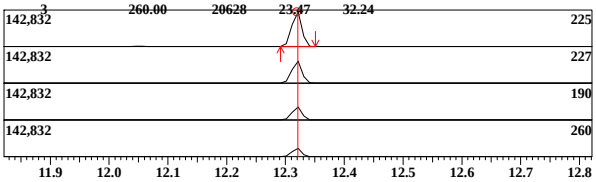
#	m/z	Area	Ratio	Reference
1	215.00	62934	63.88	64.65
2	141.00	23256	23.61	22.52
3	211.00	59827	60.73	62.32



ID#:38 Name:Hexachlorobutadiene Type:Target No Manual Integration

Mass:225.00 R.T:12.320 Area:164020 Conc:47.16459ppm
Event:1:Scan SI:90

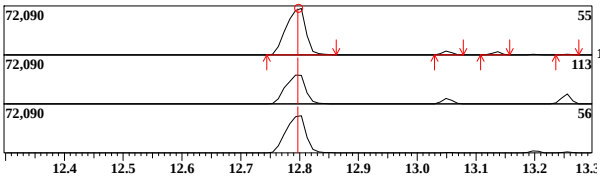
#	m/z	Area	Ratio	Reference
1	227.00	55437	63.09	64.03
2	190.00	32413	36.88	38.21
3	260.00	20628	23.47	32.24



ID#:39 Name:Caprolactam Type:Target No Manual Integration

Mass:55.00 R.T:12.799 Area:161207 Conc:48.85401ppm
Event:1:Scan SI:97

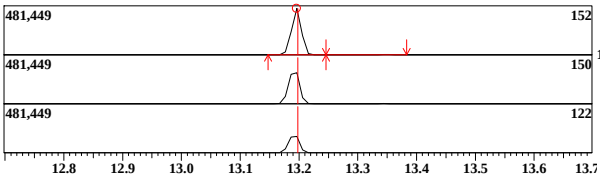
#	m/z	Area	Ratio	Reference
1	113.00	33711	61.97	78.00
2	56.00	43750	80.42	79.15



ID#:40 Name:2-Methylnaphthalene-d10 Type:Target No Manual Integration

Mass:152.00 R.T:13.196 Area:542800 Conc:46.73644ppm
Event:2:SIM SI:97

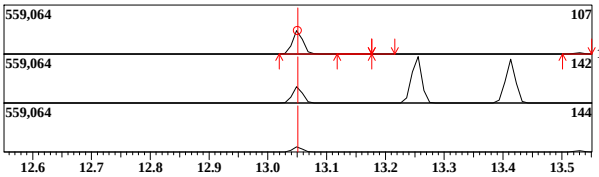
#	m/z	Area	Ratio	Reference
1	150.00	220109	75.70	58.54
2	122.00	115230	39.63	46.34



ID#:41 Name:4-Chloro-3-methylphenol Type:Target No Manual Integration

Mass:107.00 R.T:13.050 Area:344515 Conc:49.35551ppm
Event:1:Scan SI:99

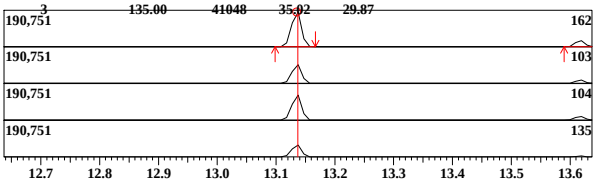
#	m/z	Area	Ratio	Reference
1	142.00	124906	70.54	60.24
2	144.00	39496	22.31	18.55



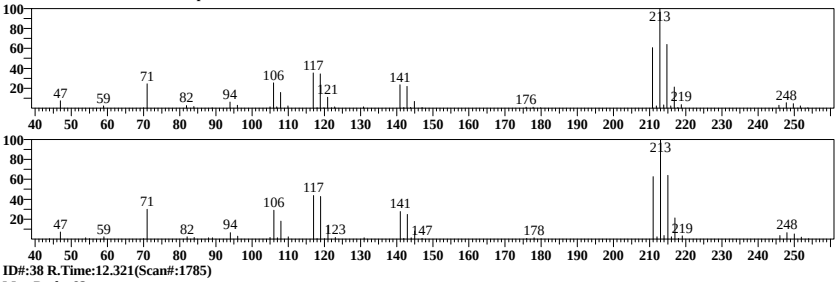
ID#:42 Name:Safrole Type:Target No Manual Integration

Mass:162.00 R.T:13.135 Area:221006 Conc:47.31732ppm
Event:1:Scan SI:97

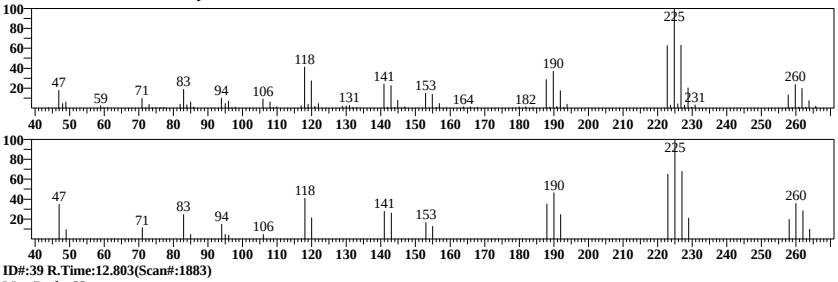
#	m/z	Area	Ratio	Reference
1	103.00	62453	53.28	50.38
2	104.00	83053	70.86	67.22
3	135.00	41048	35.02	29.87



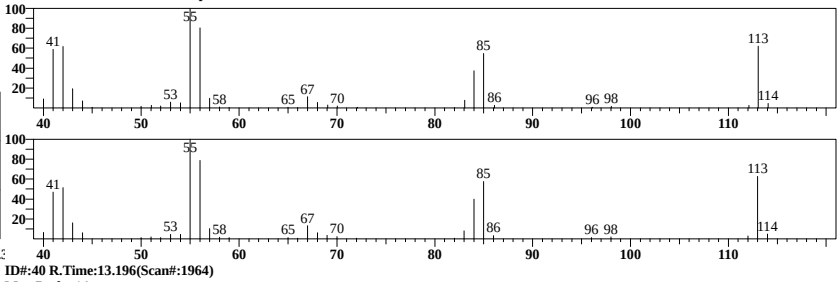
ID#:37 R.Time:12.243(Scan#:1769)
MassPeaks:45
RawMode:Averaged 12.233-12.253(1767-1771)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



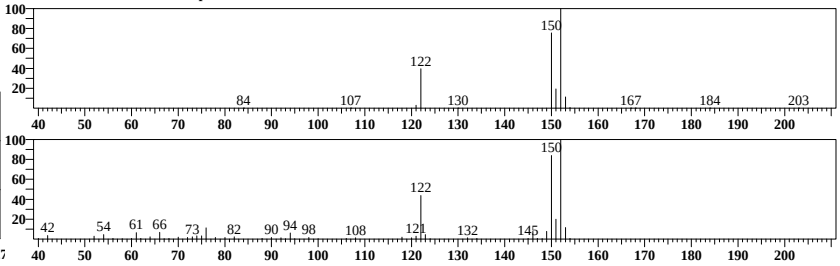
ID#:38 R.Time:12.321(Scan#:1785)
MassPeaks:82
RawMode:Averaged 12.312-12.331(1783-1787)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



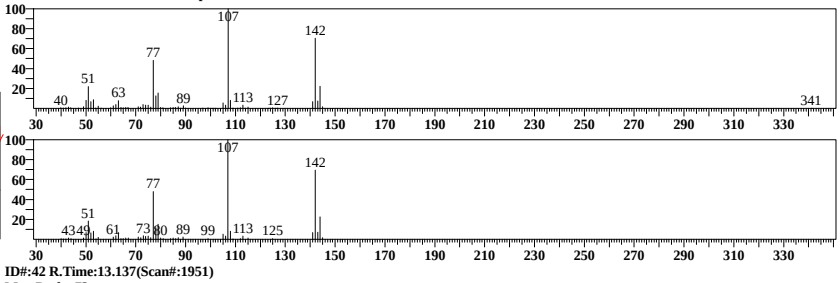
ID#:39 R.Time:12.803(Scan#:1883)
MassPeaks:33
RawMode:Averaged 12.793-12.813(1881-1885)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



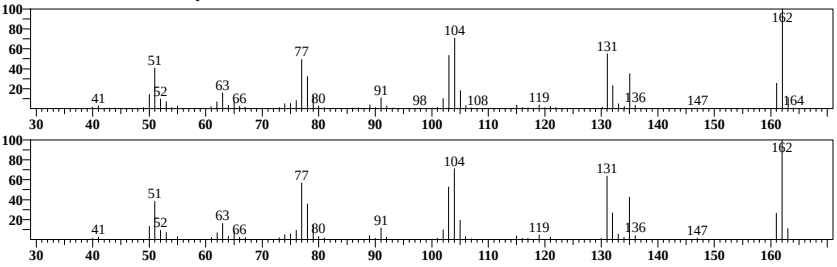
ID#:40 R.Time:13.196(Scan#:1964)
MassPeaks:14
RawMode:Averaged 13.187-13.206(1962-1966)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



ID#:41 R.Time:13.049(Scan#:1933)
MassPeaks:66
RawMode:Averaged 13.039-13.059(1931-1935)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



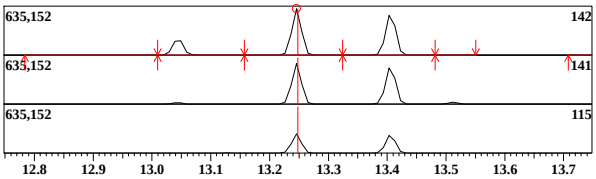
ID#:42 R.Time:13.137(Scan#:1951)
MassPeaks:73
RawMode:Averaged 13.128-13.147(1949-1953)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:43 Name:2-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.246 Area:714259 Conc:44.83309ppm
Event:2:SIM SI:98

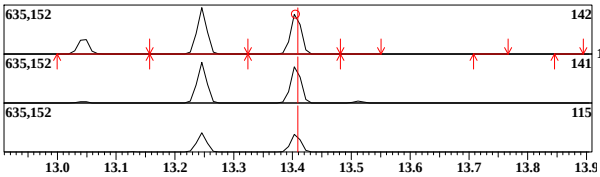
#	m/z	Area	Ratio	Reference
1	141.00	334881	87.38	68.04
2	115.00	160066	41.76	50.52



ID#:44 Name:1-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.405 Area:666882 Conc:44.13074ppm
Event:2:SIM SI:92

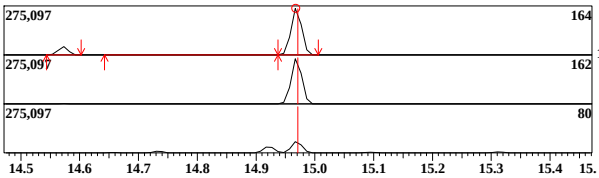
#	m/z	Area	Ratio	Reference
1	141.00	319808	90.65	72.83
2	115.00	155606	44.11	32.61



ID#:45 Name:Acenaphthene-d10 (IS) Type:ISTD No Manual Integration

Mass:164.00 R.T:14.968 Area:340309 Conc:40.00000ppm
Event:1:Scan SI:97

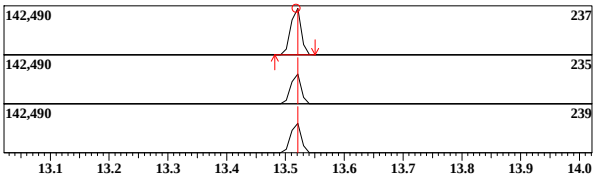
#	m/z	Area	Ratio	Reference
1	162.00	173617	97.29	95.44
2	80.00	39530	22.15	29.92



ID#:46 Name:Hexachlorocyclopentadiene Type:Target No Manual Integration

Mass:237.00 R.T:13.518 Area:169242 Conc:45.03968ppm
Event:1:Scan SI:96

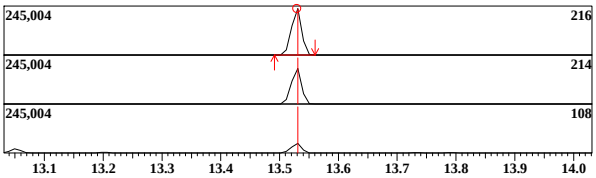
#	m/z	Area	Ratio	Reference
1	235.00	56934	63.79	58.98
2	239.00	57611	64.54	65.78



ID#:47 Name:1,2,4,5-Tetrachlorobenzene Type:Target No Manual Integration

Mass:216.00 R.T:13.529 Area:287232 Conc:47.40142ppm
Event:1:Scan SI:79

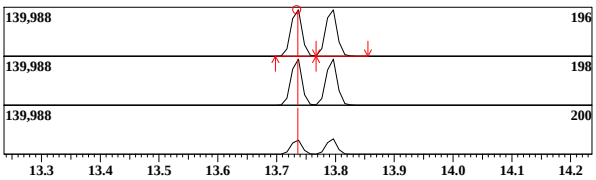
#	m/z	Area	Ratio	Reference
1	214.00	115743	76.52	78.02
2	108.00	32220	21.30	22.55



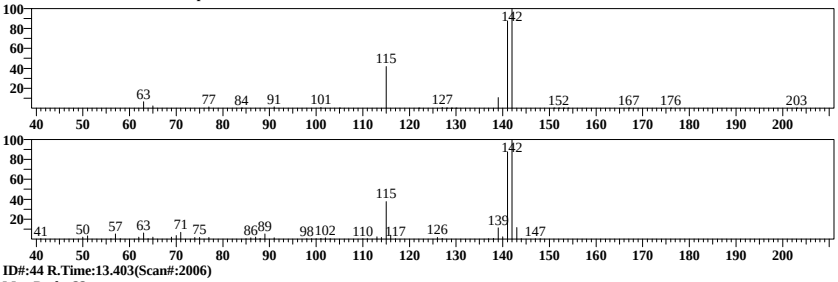
ID#:48 Name:2,4,6-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.734 Area:177779 Conc:49.61447ppm
Event:1:Scan SI:96

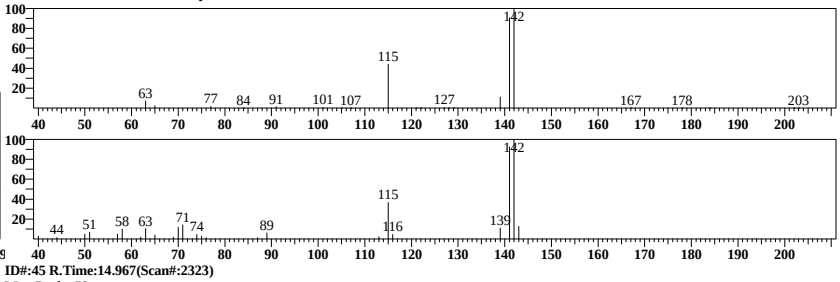
#	m/z	Area	Ratio	Reference
1	198.00	87873	96.83	94.42
2	200.00	28122	30.99	32.47



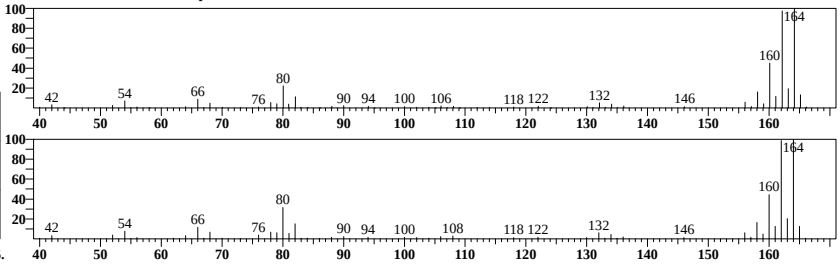
ID#:43 R.Time:13.246(Scan#:1974)
MassPeaks:23
RawMode:Averaged 13.236-13.256(1972-1976)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



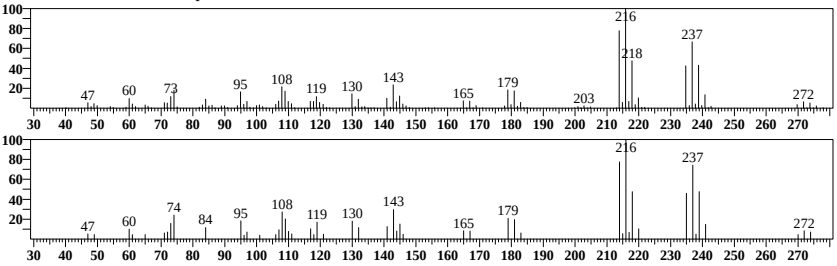
ID#:44 R.Time:13.403(Scan#:2006)
MassPeaks:22
RawMode:Averaged 13.393-13.413(2004-2008)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



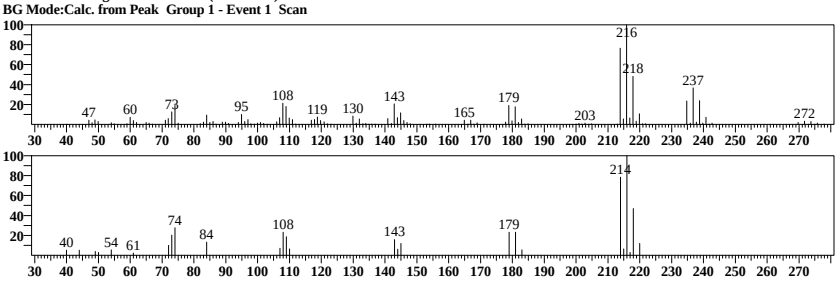
ID#:45 R.Time:14.967(Scan#:2323)
MassPeaks:59
RawMode:Averaged 14.957-14.976(2321-2325)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



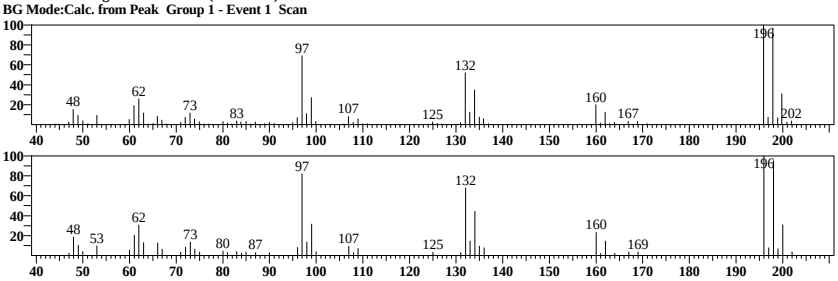
ID#:46 R.Time:13.521(Scan#:2029)
MassPeaks:117
RawMode:Averaged 13.511-13.531(2027-2031)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:47 R.Time:13.531(Scan#:2031)
MassPeaks:117
RawMode:Averaged 13.521-13.541(2029-2033)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



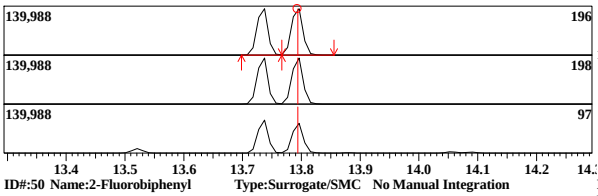
ID#:48 R.Time:13.737(Scan#:2073)
MassPeaks:77
RawMode:Averaged 13.727-13.747(2071-2075)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:49 Name:2,4,5-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.793 Area:182906 Conc:46.84078ppm
Event:1:Scan SI:97

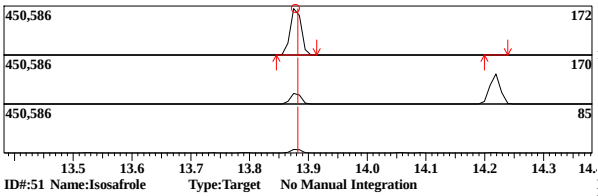
#	m/z	Area	Ratio	Reference
1	198.00	90291	96.62	97.81
2	97.00	58760	62.88	65.15



ID#:50 Name:2-Fluorobiphenyl Type:Surrogate/SMC No Manual Integration

Mass:172.00 R.T:13.878 Area:568173 Conc:46.04406ppm
Event:1:Scan SI:98

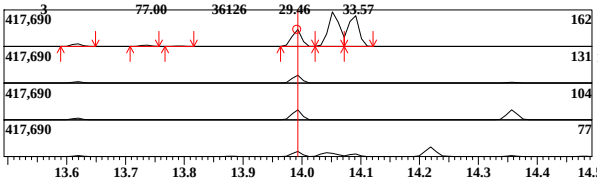
#	m/z	Area	Ratio	Reference
1	170.00	70038	23.22	22.48
2	85.00	25019	8.30	9.13



ID#:51 Name:Isosafrole Type:Target No Manual Integration

Mass:162.00 R.T:13.992 Area:229098 Conc:47.29112ppm
Event:1:Scan SI:97

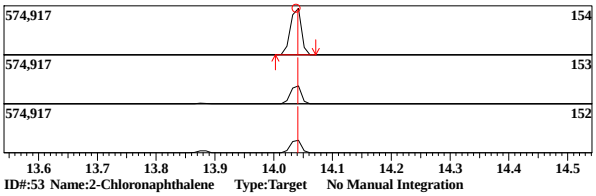
#	m/z	Area	Ratio	Reference
1	131.00	56517	46.09	42.54
2	104.00	74246	60.55	57.35
3	77.00	36126	29.46	33.57



ID#:52 Name:1,1'-Biphenyl Type:Target No Manual Integration

Mass:154.00 R.T:14.038 Area:719528 Conc:46.86200ppm
Event:1:Scan SI:88

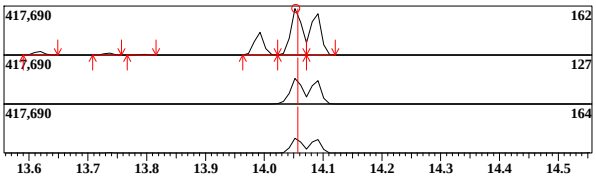
#	m/z	Area	Ratio	Reference
1	153.00	143684	38.85	38.49
2	152.00	101892	27.55	28.01



ID#:53 Name:2-Chloronaphthalene Type:Target No Manual Integration

Mass:162.00 R.T:14.054 Area:555988 Conc:46.67617ppm
Event:1:Scan SI:75

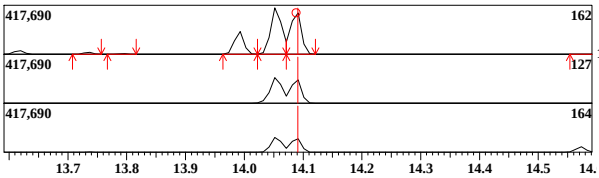
#	m/z	Area	Ratio	Reference
1	127.00	119992	57.07	48.49
2	164.00	67797	32.25	32.94



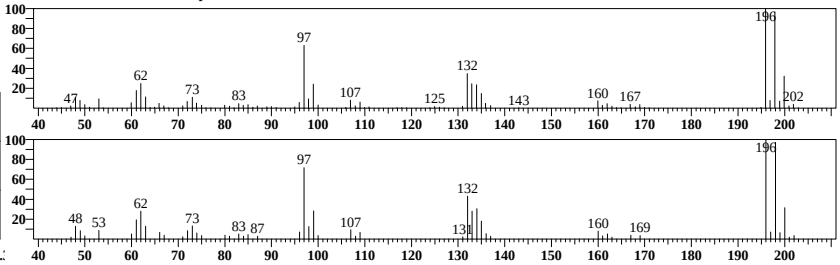
ID#:54 Name:1-Chloronaphthalene Type:Target No Manual Integration

Mass:162.00 R.T:14.088 Area:434301 Conc:46.57941ppm
Event:1:Scan SI:97

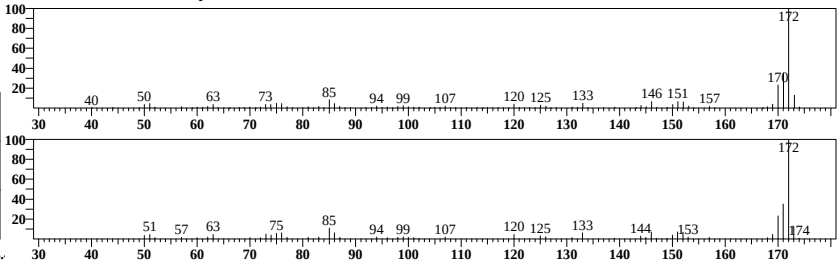
#	m/z	Area	Ratio	Reference
1	127.00	100553	55.79	48.49
2	164.00	59806	33.18	32.94



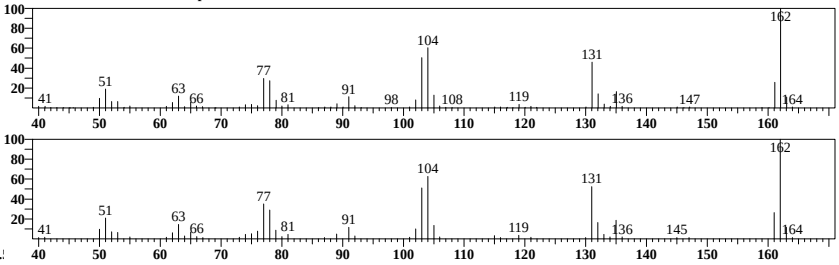
ID#:49 R.Time:13.796(Scan#:2085)
MassPeaks:83
RawMode:Averaged 13.787-13.806(2083-2087)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



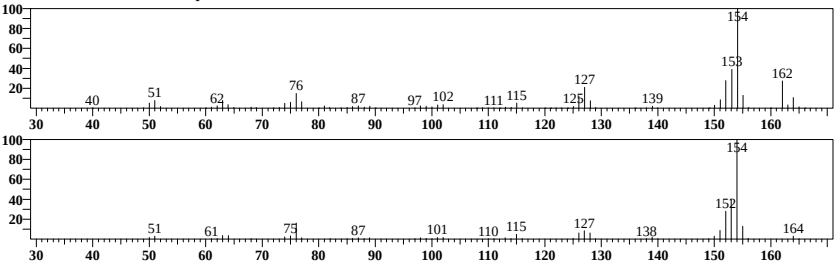
ID#:50 R.Time:13.875(Scan#:2101)
MassPeaks:98
RawMode:Averaged 13.865-13.885(2099-2103)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



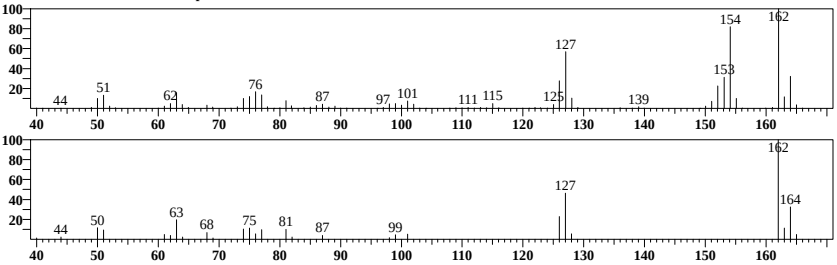
ID#:51 R.Time:13.993(Scan#:2125)
MassPeaks:72
RawMode:Averaged 13.983-14.003(2123-2127)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



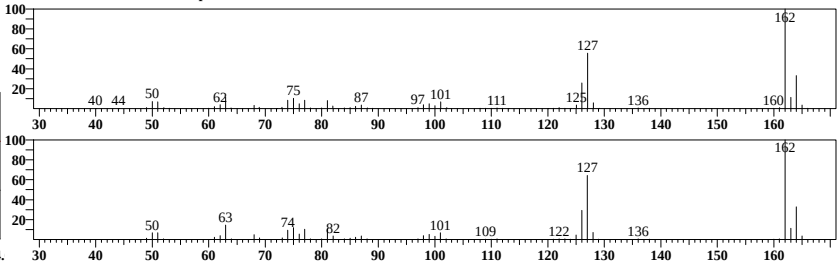
ID#:52 R.Time:14.042(Scan#:2135)
MassPeaks:72
RawMode:Averaged 14.032-14.052(2133-2137)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:53 R.Time:14.052(Scan#:2137)
MassPeaks:82
RawMode:Averaged 14.042-14.062(2135-2139)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



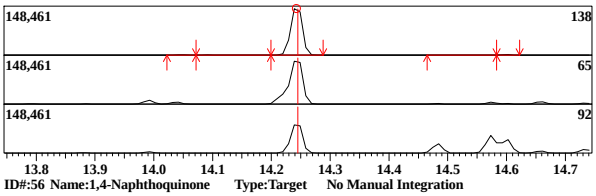
ID#:54 R.Time:14.091(Scan#:2145)
MassPeaks:61
RawMode:Averaged 14.082-14.101(2143-2147)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



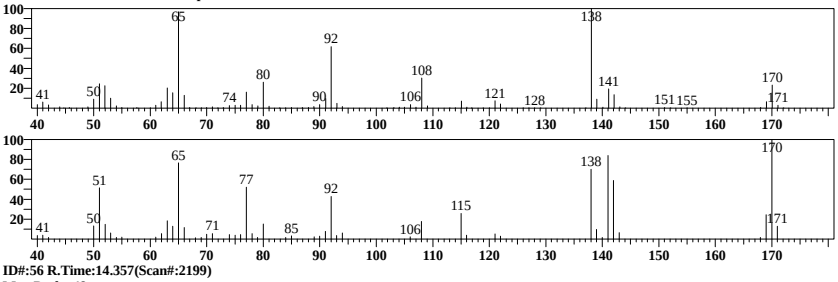
ID#:55 Name:2-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.243 Area:207132 Conc:48.30867ppm
Event:1:Scan SI:82

#	m/z	Area	Ratio	Reference
1	65.00	103167	96.88	101.46
2	92.00	65620	61.62	55.64



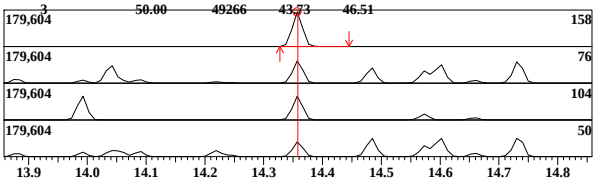
ID#:55 R.Time:14.239(Scan#:2175)
MassPeaks:84
RawMode:Averaged 14.229-14.249(2173-2177)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



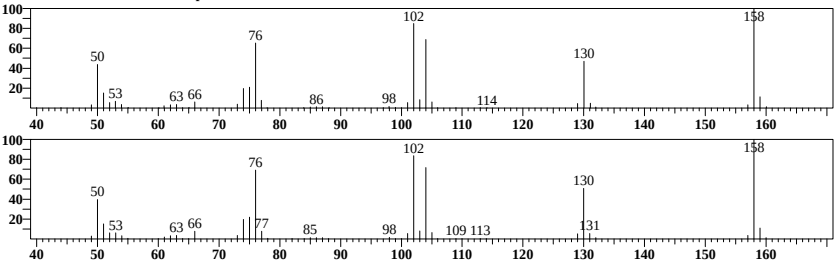
ID#:56 Name:1,4-Naphthoquinone Type:Target No Manual Integration

Mass:158.00 R.T:14.357 Area:215816 Conc:45.54356ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	76.00	73565	65.30	68.34
2	104.00	77653	68.93	74.24
3	50.00	49266	43.73	46.51



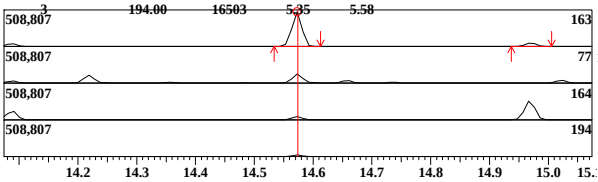
ID#:56 R.Time:14.357(Scan#:2199)
MassPeaks:48
RawMode:Averaged 14.347-14.367(2197-2201)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



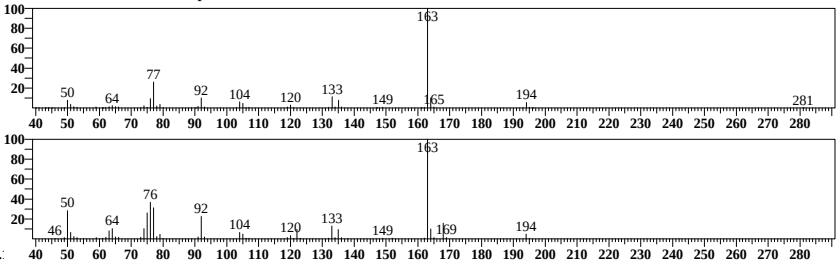
ID#:57 Name:Dimethyl phthalate Type:Target No Manual Integration

Mass:163.00 R.T:14.573 Area:573668 Conc:46.24595ppm
Event:1:Scan SI:84

#	m/z	Area	Ratio	Reference
1	77.00	80265	26.03	29.31
2	164.00	30986	10.05	10.65
3	194.00	16503	5.35	5.58



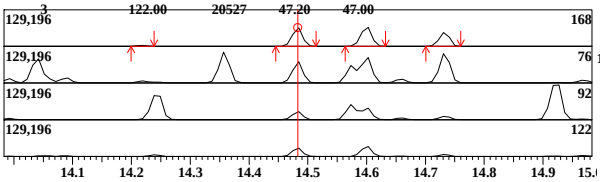
ID#:57 R.Time:14.573(Scan#:2243)
MassPeaks:55
RawMode:Averaged 14.563-14.583(2241-2245)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



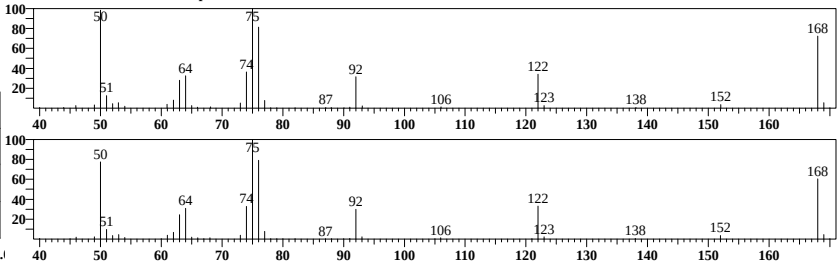
ID#:58 Name:1,3-Dinitrobenzene Type:Target No Manual Integration

Mass:168.00 R.T:14.483 Area:83636 Conc:44.83744ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	76.00	48992	112.65	100.00
2	92.00	19036	43.77	44.00
3	122.00	20527	47.20	47.00



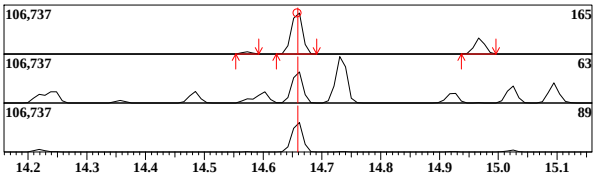
ID#:58 R.Time:14.485(Scan#:2225)
MassPeaks:38
RawMode:Averaged 14.475-14.495(2223-2227)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



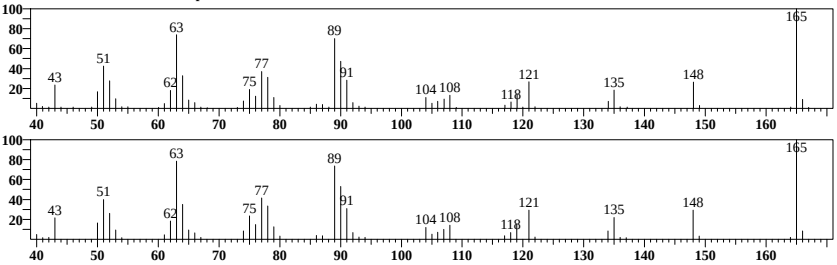
ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT) Type:Target No Manual Integration

Mass:165.00 R.T:14.658 Area:124253 Conc:46.71634ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	63.00	46838	74.04	89.00
2	89.00	44433	70.23	65.00



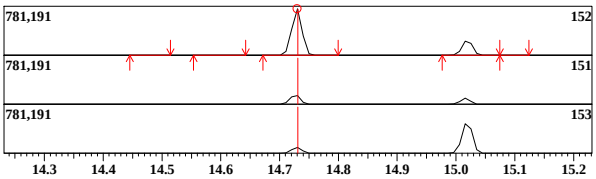
ID#:59 R.Time:14.662(Scan#:2261)
MassPeaks:62
RawMode:Averaged 14.652-14.672(2259-2263)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



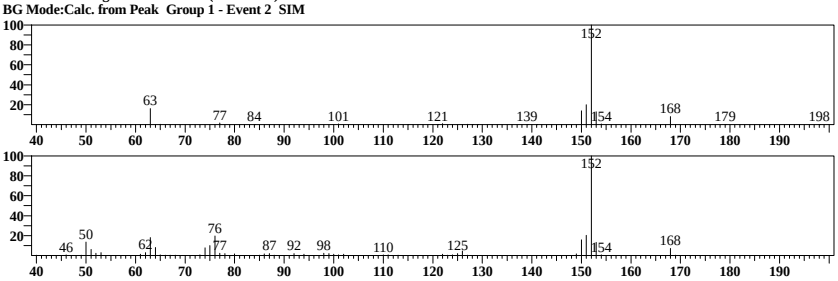
ID#:60 Name:Acenaphthylene Type:Target No Manual Integration

Mass:152.00 R.T:14.730 Area:927581 Conc:44.57139ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	151.00	97980	19.92	14.97
2	153.00	62471	12.70	5.44



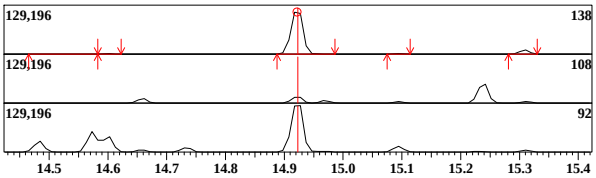
ID#:60 R.Time:14.731(Scan#:2276)
MassPeaks:21
RawMode:Averaged 14.721-14.740(2274-2278)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



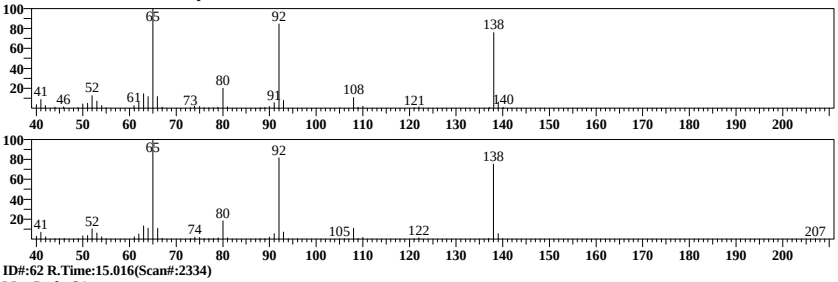
ID#:61 Name:3-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.922 Area:169619 Conc:47.52885ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	108.00	12099	14.19	16.00
2	92.00	94984	111.36	101.00



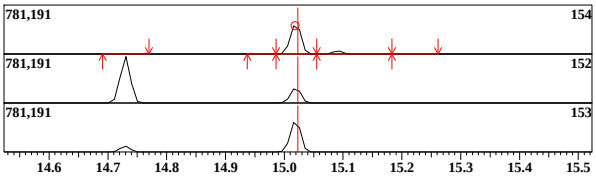
ID#:61 R.Time:14.917(Scan#:2313)
MassPeaks:44
RawMode:Averaged 14.908-14.927(2311-2315)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



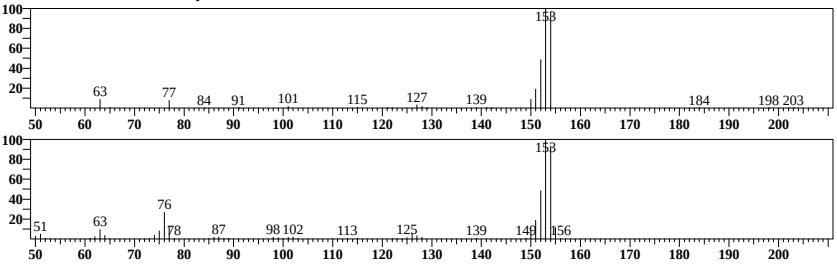
ID#:62 Name:Acenaphthene Type:Target No Manual Integration

Mass:154.00 R.T:15.019 Area:617901 Conc:44.74280ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	152.00	162133	50.10	59.49
2	153.00	334886	103.48	105.06



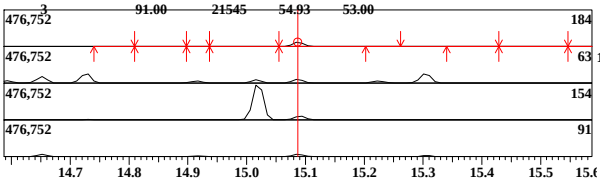
ID#:62 R.Time:15.016(Scan#:2334)
MassPeaks:24
RawMode:Averaged 15.006-15.025(2332-2336)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



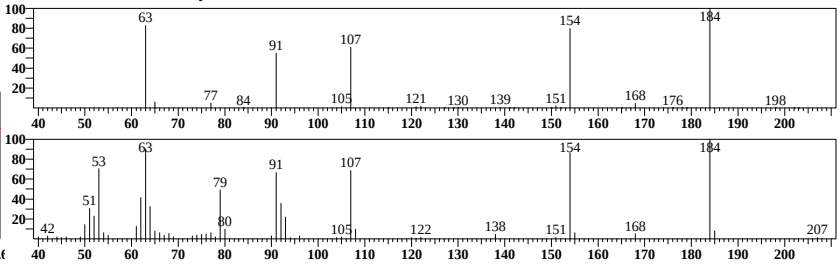
ID#:63 Name:2,4-Dinitrophenol Type:Target No Manual Integration

Mass:184.00 R.T:15.087 Area:81161 Conc:50.77858ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	63.00	32424	82.67	90.00
2	154.00	31305	79.81	64.00
3	91.00	21545	54.93	53.00



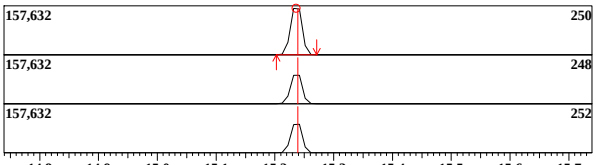
ID#:63 R.Time:15.085(Scan#:2348)
MassPeaks:30
RawMode:Averaged 15.075-15.094(2346-2350)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



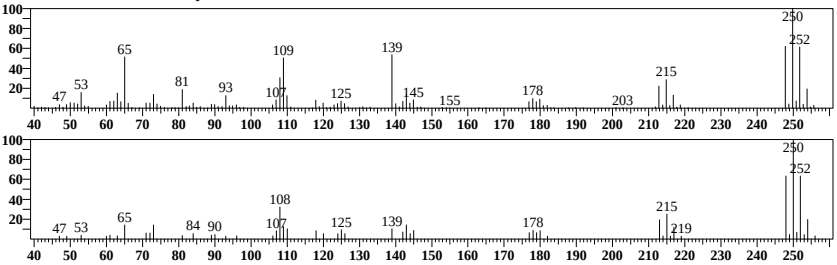
ID#:64 Name:Pentachlorobenzene Type:Target No Manual Integration

Mass:250.00 R.T:15.237 Area:219703 Conc:46.90627ppm
Event:1:Scan SI:88

#	m/z	Area	Ratio	Reference
1	248.00	69982	62.08	63.33
2	252.00	69188	61.37	65.87



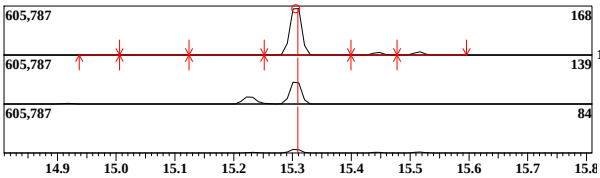
ID#:64 R.Time:15.232(Scan#:2377)
MassPeaks:116
RawMode:Averaged 15.222-15.242(2375-2379)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



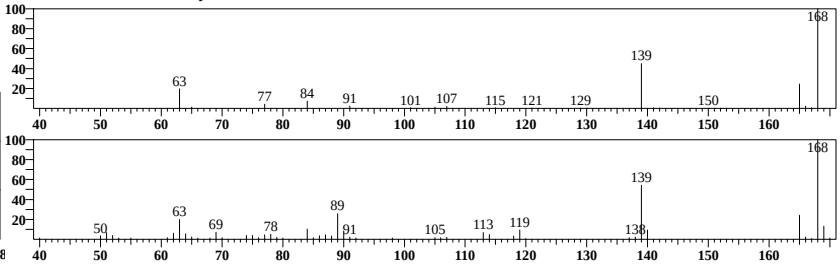
ID#:65 Name:Dibenzofuran Type:Target No Manual Integration

Mass:168.00 R.T:15.306 Area:846336 Conc:45.45995ppm
Event:2:SIM SI:96

#	m/z	Area	Ratio	Reference
1	139.00	194423	45.10	44.93
2	84.00	32315	7.50	10.15



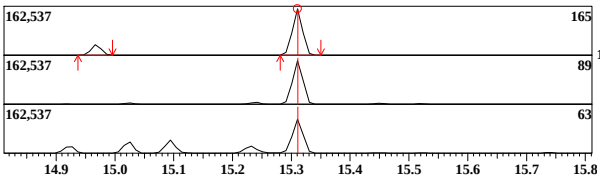
ID#:65 R.Time:15.301(Scan#:2392)
MassPeaks:23
RawMode:Averaged 15.291-15.311(2390-2394)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



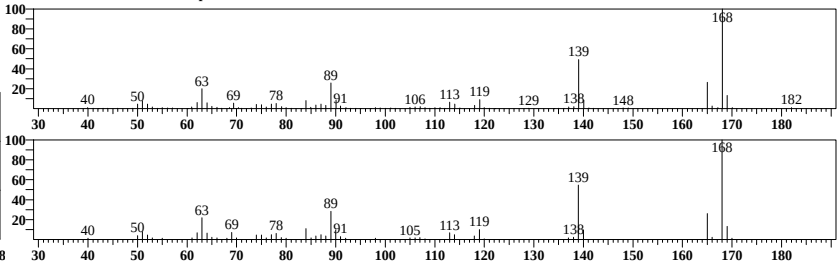
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT) Type:Target No Manual Integration

Mass:165.00 R.T:15.310 Area:188582 Conc:49.14501ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	89.00	97431	96.84	96.00
2	63.00	75424	74.97	80.00



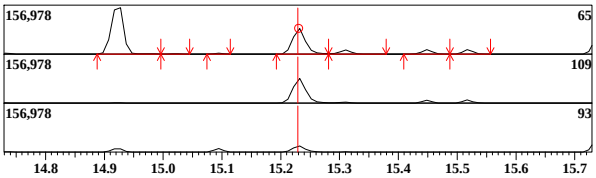
ID#:66 R.Time:15.311(Scan#:2393)
MassPeaks:90
RawMode:Averaged 15.301-15.320(2391-2395)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:67 Name:4-Nitrophenol Type:Target No Manual Integration

Mass:65.00 R.T:15.231 Area:128118 Conc:46.00887ppm
Event:1:Scan SI:69

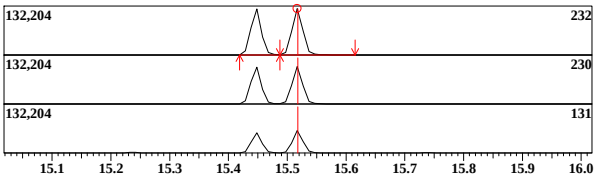
#	m/z	Area	Ratio	Reference
1	109.00	57821	98.22	97.00
2	93.00	14315	24.32	21.72



ID#:68 Name:2,3,4,6-Tetrachlorophenol Type:Target No Manual Integration

Mass:232.00 R.T:15.517 Area:164064 Conc:49.68880ppm
Event:1:Scan SI:97

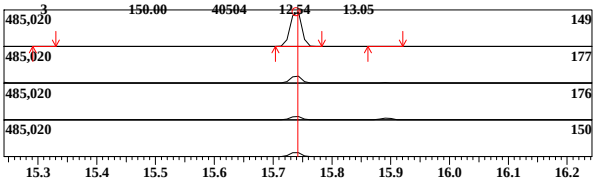
#	m/z	Area	Ratio	Reference
1	230.00	65944	79.35	75.09
2	131.00	38819	46.71	41.75



ID#:69 Name:Diethyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:15.740 Area:633922 Conc:46.91517ppm
Event:1:Scan SI:98

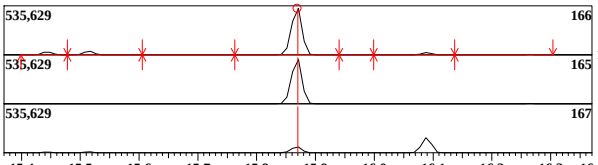
#	m/z	Area	Ratio	Reference
1	177.00	65491	20.27	23.56
2	176.00	32276	9.99	10.95
3	150.00	40504	12.54	13.05



ID#:70 Name:Fluorene Type:Target No Manual Integration

Mass:166.00 R.T:15.869 Area:660126 Conc:43.95838ppm
Event:2:SIM SI:93

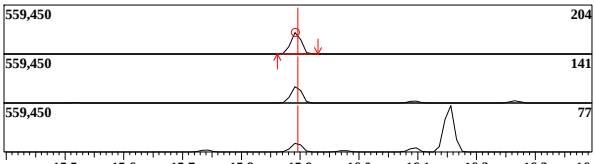
#	m/z	Area	Ratio	Reference
1	165.00	325651	95.06	75.42
2	167.00	45025	13.14	3.39



ID#:71 Name:4-Chlorophenyl phenyl ether Type:Target No Manual Integration

Mass:204.00 R.T:15.892 Area:311489 Conc:46.59357ppm
Event:1:Scan SI:72

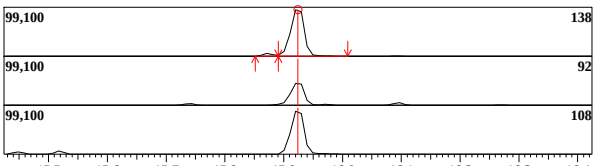
#	m/z	Area	Ratio	Reference
1	141.00	131709	79.14	98.00
2	77.00	71522	42.98	53.19



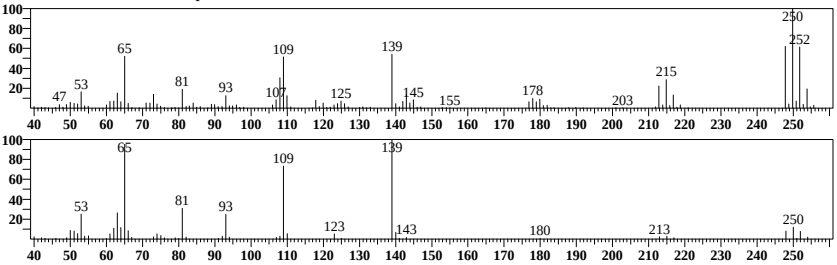
ID#:72 Name:4-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:15.924 Area:157951 Conc:47.55059ppm
Event:1:Scan SI:53

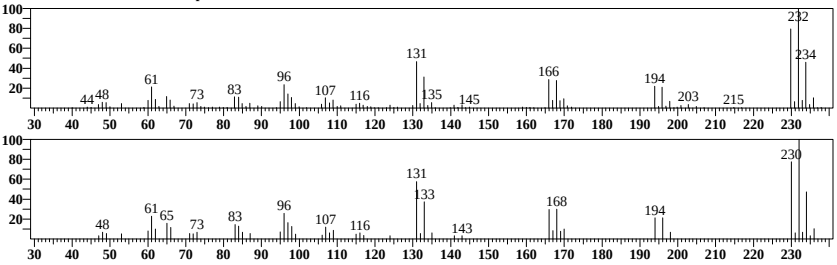
#	m/z	Area	Ratio	Reference
1	92.00	34968	46.87	64.55
2	108.00	70135	94.01	83.01



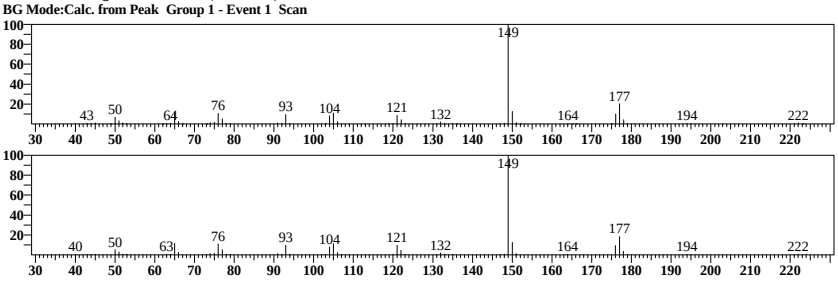
ID#:67 R.Time:15.232(Scan#:2377)
MassPeaks:115
RawMode:Averaged 15.222-15.242(2375-2379)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



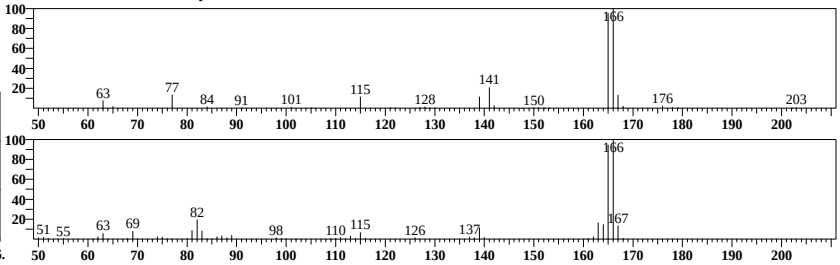
ID#:68 R.Time:15.517(Scan#:2435)
MassPeaks:105
RawMode:Averaged 15.507-15.527(2433-2437)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



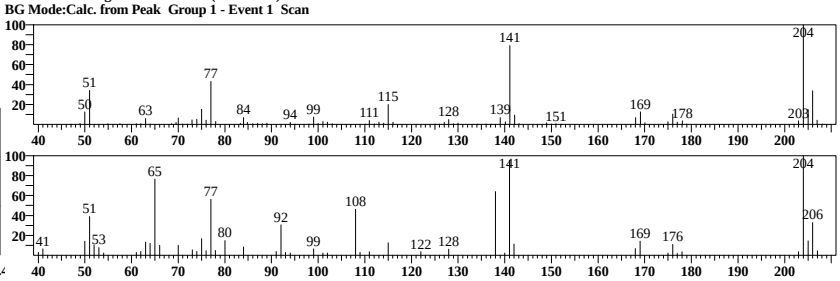
ID#:69 R.Time:15.743(Scan#:2481)
MassPeaks:60
RawMode:Averaged 15.733-15.753(2479-2483)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



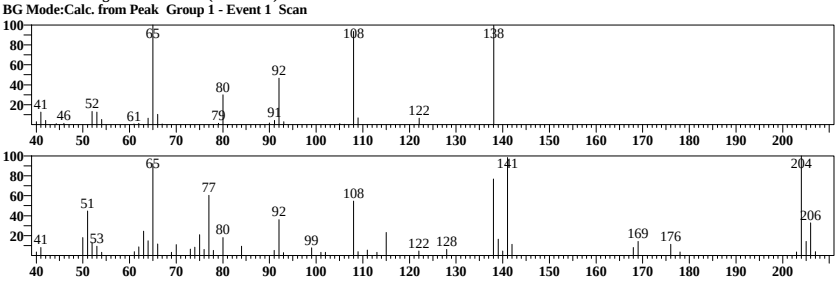
ID#:70 R.Time:15.871(Scan#:2508)
MassPeaks:30
RawMode:Averaged 15.861-15.881(2506-2510)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



ID#:71 R.Time:15.891(Scan#:2511)
MassPeaks:76
RawMode:Averaged 15.881-15.901(2509-2513)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



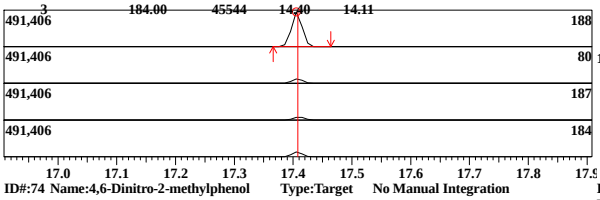
ID#:72 R.Time:15.920(Scan#:2517)
MassPeaks:27
RawMode:Averaged 15.911-15.930(2515-2519)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:73 Name:Phenanthrene-d10 (IS) Type:ISTD No Manual Integration

Mass:188.00 R.T:17.406 Area:608968 Conc:40.00000ppm
Event:1:Scan SI:97

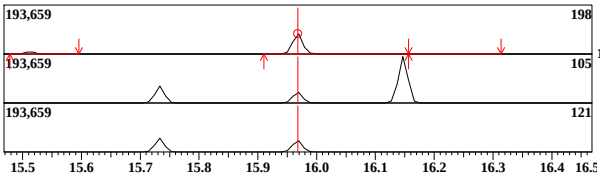
#	m/z	Area	Ratio	Reference
1	80.00	41644	13.16	15.93
2	187.00	27382	8.66	10.00
3	184.00	45544	14.40	14.11



ID#:74 Name:4,6-Dinitro-2-methylphenol Type:Target No Manual Integration

Mass:198.00 R.T:15.968 Area:103824 Conc:49.21314ppm
Event:2:SIM SI:68

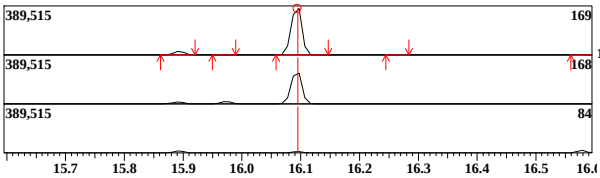
#	m/z	Area	Ratio	Reference
1	105.00	5594	* 10.59	55.83
2	121.00	29497	55.84	44.01



ID#:75 Name:N-NitrosodiphenylamineType:Target No Manual Integration

Mass:169.00 R.T:16.094 Area:498746 Conc:47.33996ppm
Event:1:Scan SI:91

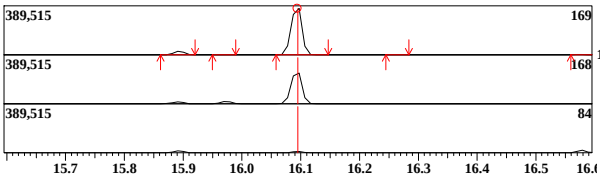
#	m/z	Area	Ratio	Reference
1	168.00	172333	67.75	64.38
2	84.00	8259	3.25	2.92



ID#:76 Name:Diphenylamine Type:Target No Manual Integration

Mass:169.00 R.T:16.094 Area:498746 Conc:47.33996ppm
Event:1:Scan SI:91

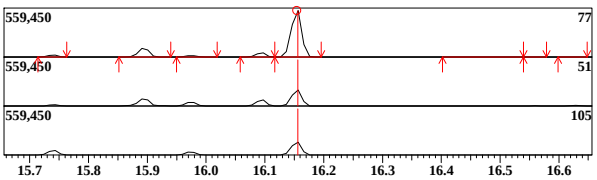
#	m/z	Area	Ratio	Reference
1	168.00	172333	67.75	64.38
2	84.00	8259	3.25	2.92



ID#:77 Name:1,2-Diphenylhydrazine Type:Target No Manual Integration

Mass:77.00 R.T:16.154 Area:666976 Conc:47.28261ppm
Event:1:Scan SI:96

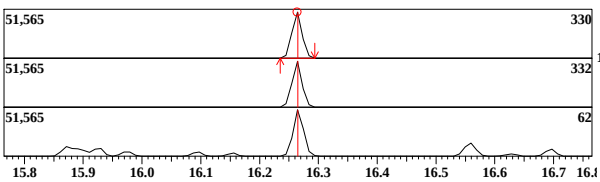
#	m/z	Area	Ratio	Reference
1	51.00	121279	34.59	21.73
2	105.00	96770	27.60	6.07



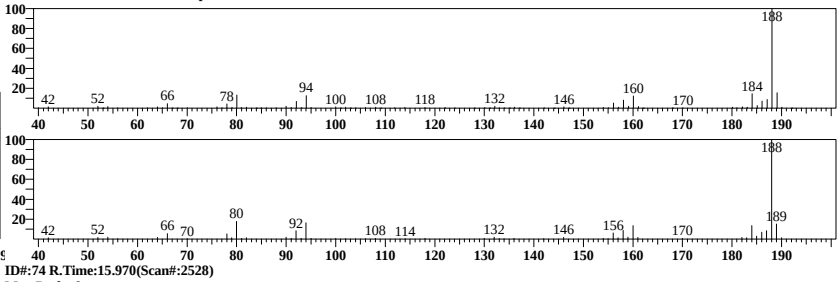
ID#:78 Name:2,4,6-Tribromophenol Type:Surrogate/SMC No Manual Integration

Mass:330.00 R.T:16.264 Area:60048 Conc:43.62233ppm
Event:1:Scan SI:70

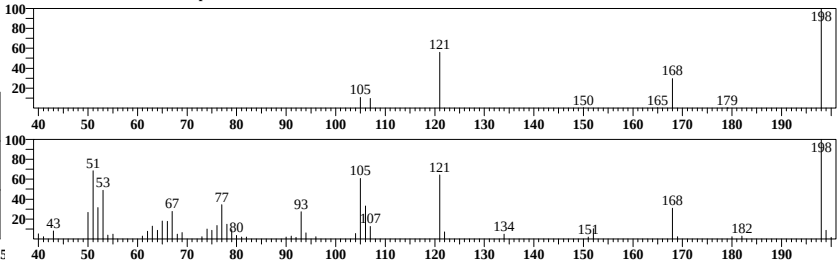
#	m/z	Area	Ratio	Reference
1	332.00	31002	97.33	100.00
2	62.00	31976	100.39	97.00



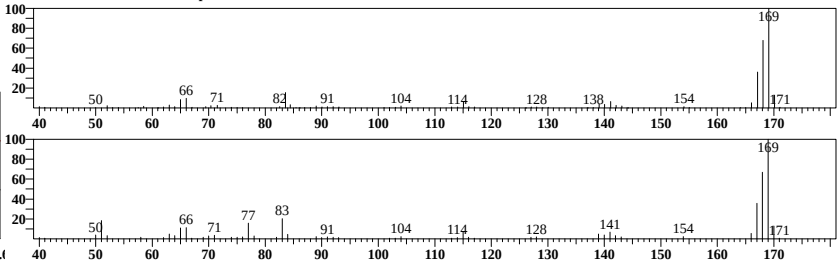
ID#:73 R.Time:17.405(Scan#:2819)
MassPeaks:79
RawMode:Averaged 17.395-17.415(2817-2821)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



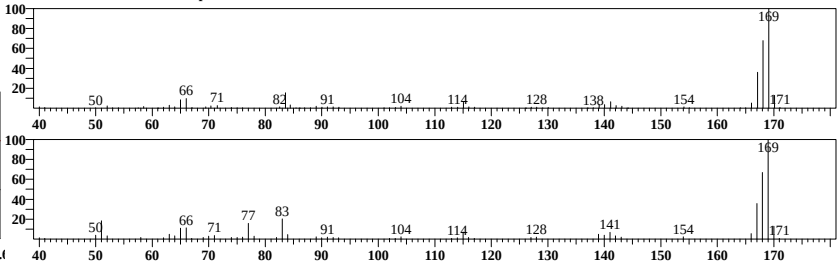
ID#:74 R.Time:15.970(Scan#:2528)
MassPeaks:8
RawMode:Averaged 15.960-15.979(2526-2530)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



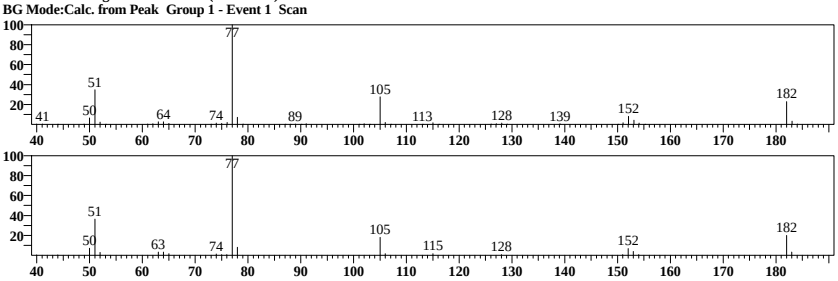
ID#:75 R.Time:16.097(Scan#:2553)
MassPeaks:65
RawMode:Averaged 16.087-16.107(2551-2555)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



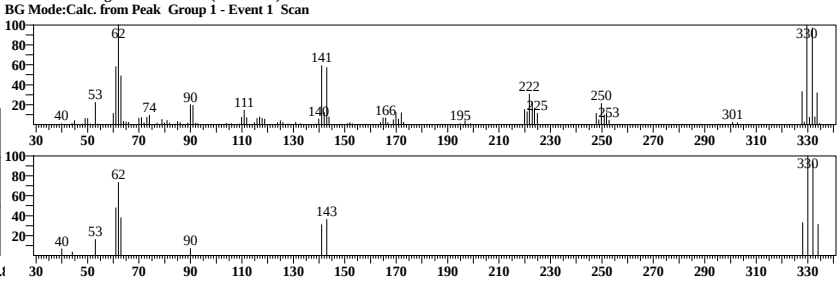
ID#:76 R.Time:16.097(Scan#:2553)
MassPeaks:65
RawMode:Averaged 16.087-16.107(2551-2555)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:77 R.Time:16.156(Scan#:2565)
MassPeaks:48
RawMode:Averaged 16.147-16.166(2563-2567)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



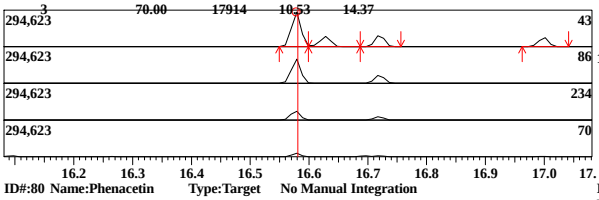
ID#:78 R.Time:16.265(Scan#:2587)
MassPeaks:95
RawMode:Averaged 16.255-16.274(2585-2589)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

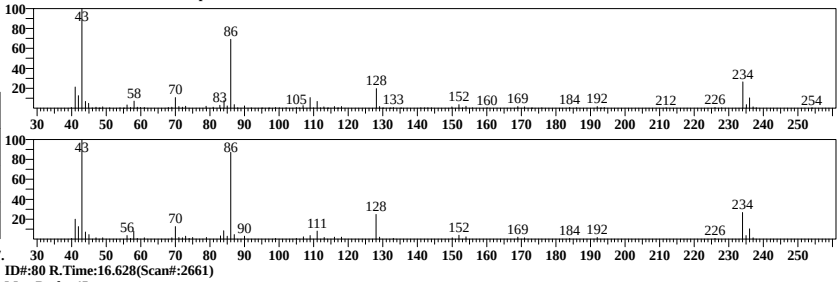


ID#:79 Name:(cis/trans)-Diallate Type:Target No Manual Integration

Mass:43.00 R.T:16.578 Area:323315 Conc:48.57811ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	86.00	117779	69.26	76.79
2	234.00	45013	26.47	26.39
3	70.00	17914	10.53	14.37



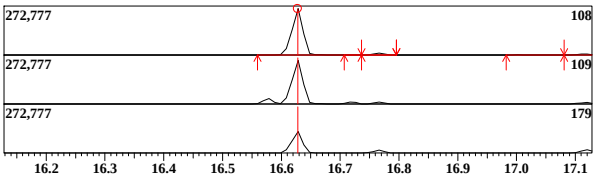


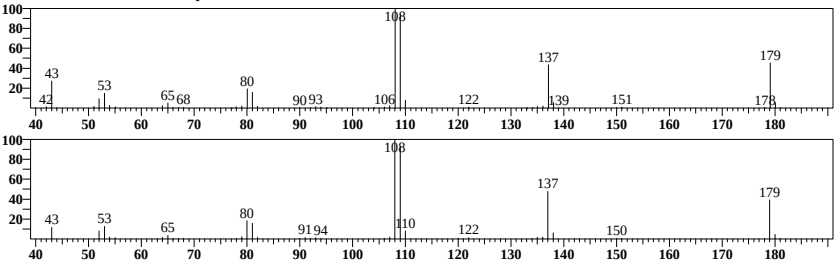
ID#:79 R.Time:16.579(Scan#:2651)
MassPeaks:86
RawMode:Averaged 16.569-16.589(2649-2653)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:80 Name:Phenacetin Type:Target No Manual Integration

Mass:108.00 R.T:16.628 Area:346406 Conc:50.09618ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	109.00	161984	93.15	83.01
2	179.00	79103	45.49	44.31



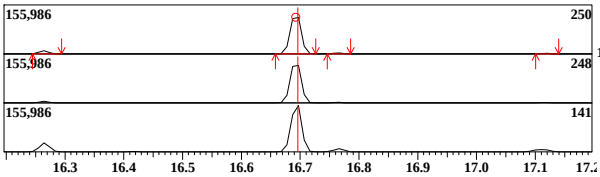


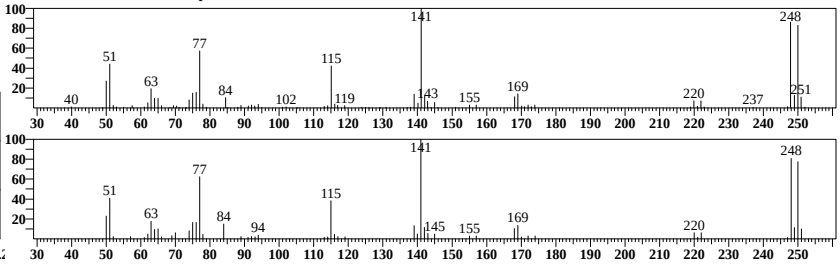
ID#:80 R.Time:16.628(Scan#:2661)
MassPeaks:45
RawMode:Averaged 16.619-16.638(2659-2663)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:81 Name:4-Bromophenyl phenyl ether Type:Target No Manual Integration

Mass:250.00 R.T:16.692 Area:165140 Conc:47.22840ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	248.00	87812	104.00	105.86
2	141.00	101780	120.54	137.00



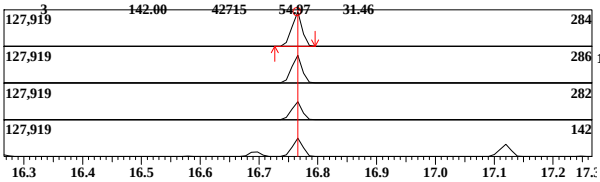


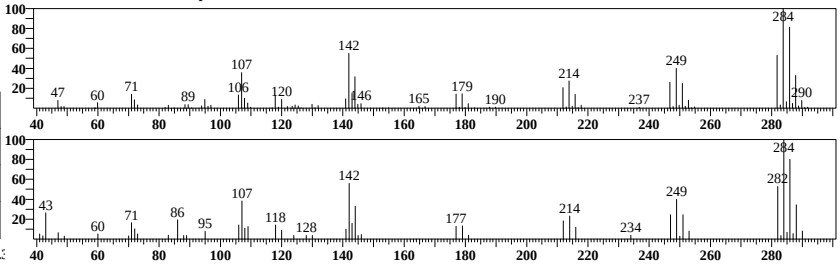
ID#:81 R.Time:16.697(Scan#:2675)
MassPeaks:80
RawMode:Averaged 16.687-16.707(2673-2677)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:82 Name:Hexachlorobenzene Type:Target No Manual Integration

Mass:284.00 R.T:16.765 Area:148076 Conc:46.45951ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	286.00	63113	81.21	79.72
2	282.00	41117	52.91	51.93
3	142.00	42715	54.97	31.46



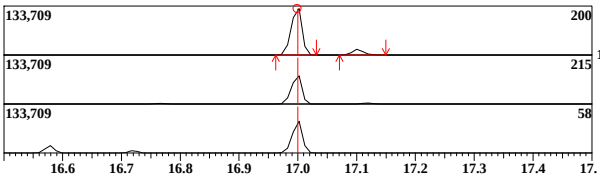


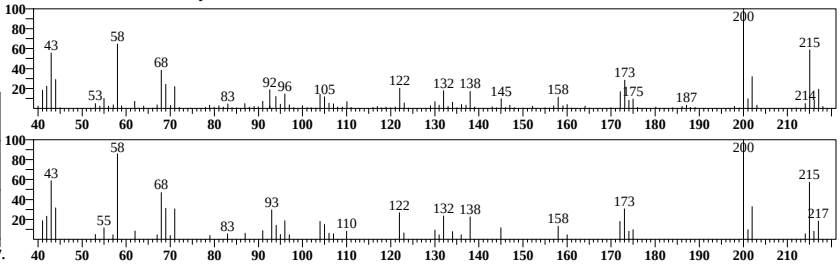
ID#:82 R.Time:16.766(Scan#:2689)
MassPeaks:81
RawMode:Averaged 16.756-16.776(2687-2691)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:83 Name:Atrazine Type:Target No Manual Integration

Mass:200.00 R.T:16.999 Area:168550 Conc:47.83705ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	215.00	49810	58.86	59.43
2	58.00	54783	64.74	64.00



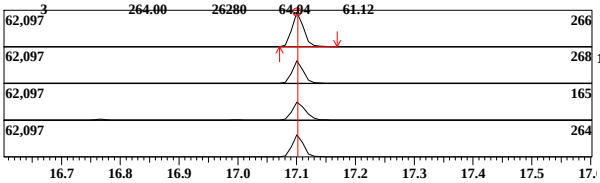


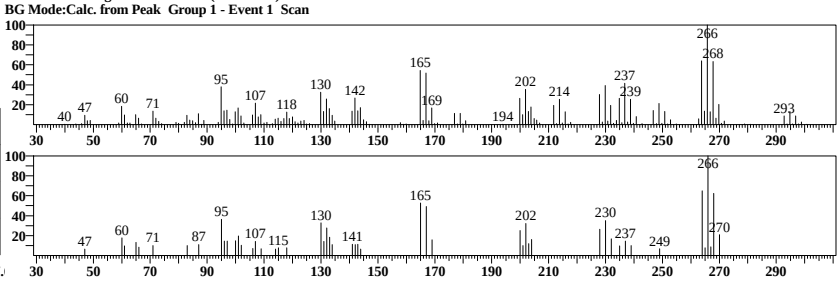
ID#:83 R.Time:17.002(Scan#:2737)
MassPeaks:117
RawMode:Averaged 16.992-17.012(2735-2739)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:84 Name:Pentachlorophenol Type:Target No Manual Integration

Mass:266.00 R.T:17.101 Area:82772 Conc:46.87595ppm
Event:1:Scan SI:87

#	m/z	Area	Ratio	Reference
1	268.00	26003	63.36	59.97
2	165.00	22247	54.21	41.42
3	264.00	26280	64.04	61.12



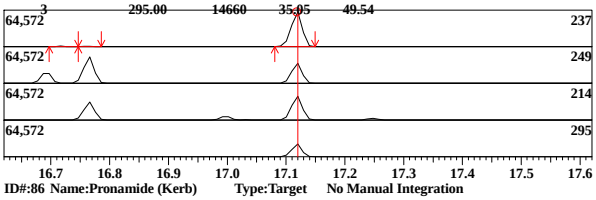


ID#:84 R.Time:17.100(Scan#:2757)
MassPeaks:145
RawMode:Averaged 17.090-17.110(2755-2759)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

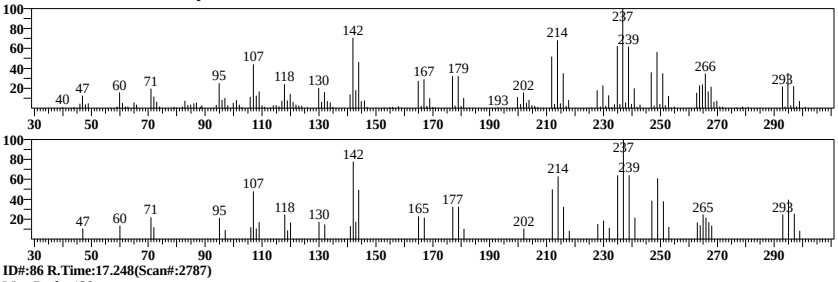
ID#:85 Name:Pentachloronitrobenzene Type:Target No Manual Integration

Mass:237.00 R.T:17.118 Area:82132 Conc:49.35677ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	249.00	23400	55.94	68.26
2	214.00	28429	67.96	62.54
3	295.00	14660	35.05	49.54



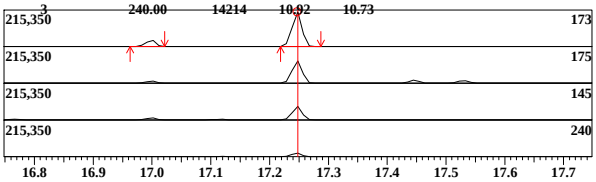
ID#:85 R.Time:17.120(Scan#:2761)
MassPeaks:149
RawMode:Averaged 17.110-17.130(2759-2763)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



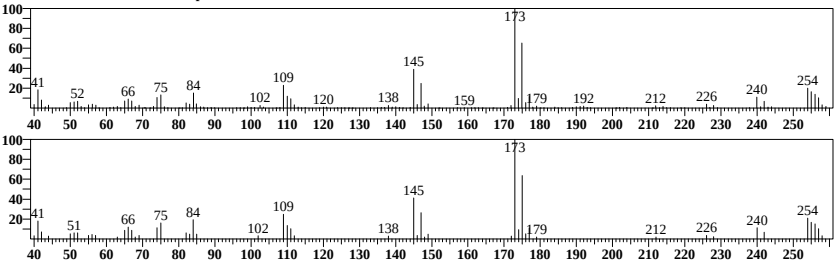
ID#:86 Name:Pronamide (Kerb) Type:Target No Manual Integration

Mass:173.00 R.T:17.247 Area:243541 Conc:47.26098ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	175.00	84952	65.29	60.85
2	145.00	50531	38.84	30.82
3	240.00	14214	10.92	10.73



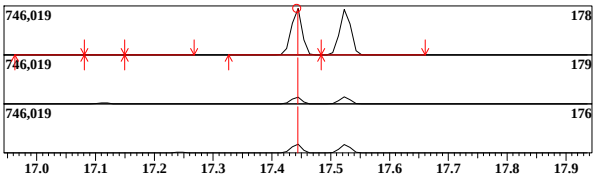
ID#:86 R.Time:17.248(Scan#:2787)
MassPeaks:138
RawMode:Averaged 17.238-17.258(2785-2789)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



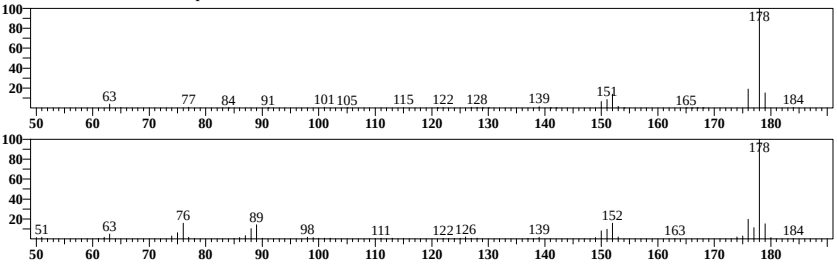
ID#:87 Name:Phenanthrene Type:Target No Manual Integration

Mass:178.00 R.T:17.442 Area:917900 Conc:45.32242ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	179.00	71669	15.07	15.63
2	176.00	90629	19.05	18.75



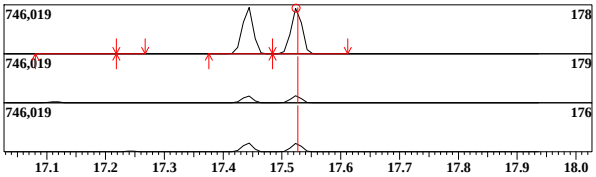
ID#:87 R.Time:17.445(Scan#:2828)
MassPeaks:30
RawMode:Averaged 17.435-17.454(2826-2830)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



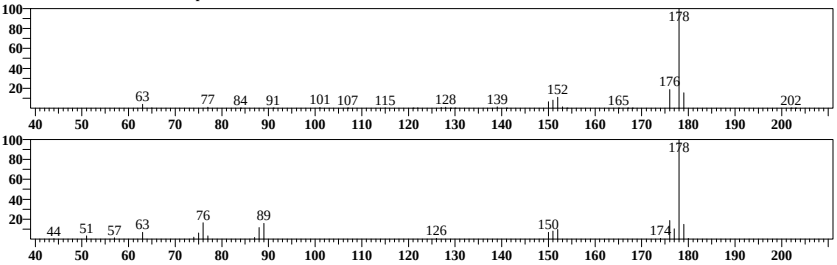
ID#:88 Name:Anthracene Type:Target No Manual Integration

Mass:178.00 R.T:17.525 Area:931191 Conc:44.13961ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	179.00	74787	15.32	12.08
2	176.00	91185	18.68	20.60



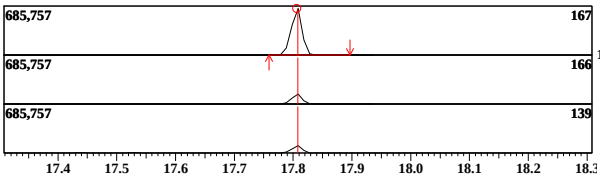
ID#:88 R.Time:17.523(Scan#:2844)
MassPeaks:29
RawMode:Averaged 17.513-17.533(2842-2846)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



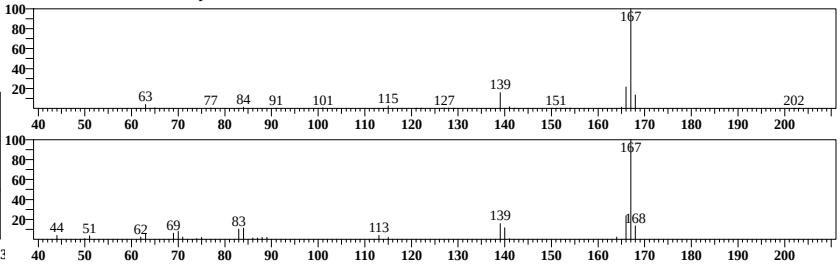
ID#:89 Name:Carbazole Type:Target No Manual Integration

Mass:167.00 R.T:17.807 Area:845320 Conc:45.02055ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	166.00	92670	21.41	20.96
2	139.00	67809	15.67	12.92



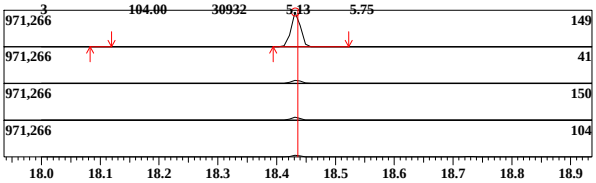
ID#:89 R.Time:17.808(Scan#:2902)
MassPeaks:26
RawMode:Averaged 17.799-17.818(2900-2904)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



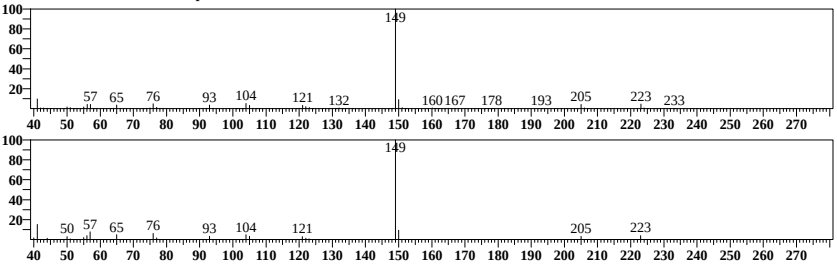
ID#:90 Name:Di-n-butyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:18.432 Area:1057095 Conc:47.73932ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	41.00	57354	9.51	10.41
2	150.00	55085	9.14	8.84
3	104.00	30932	5.13	5.75



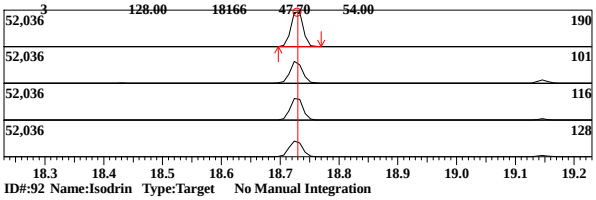
ID#:90 R.Time:18.431(Scan#:3023)
MassPeaks:70
RawMode:Averaged 18.422-18.440(3021-3025)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



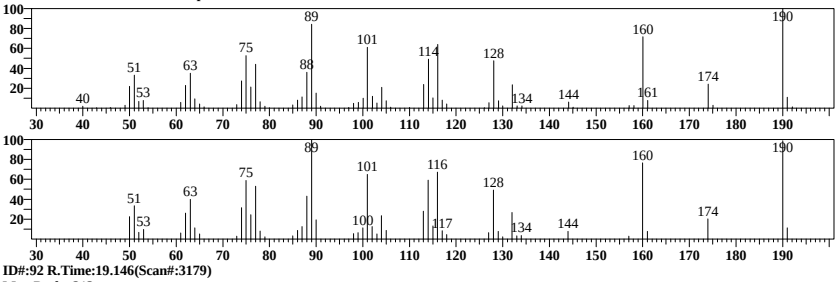
ID#:91 Name:4-Nitroquinoline-N-Oxide Type:Target No Manual Integration

Mass:190.00 R.T:18.729 Area:73681 Conc:47.63649ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	101.00	23235	61.02	71.00
2	116.00	24411	64.11	70.00
3	128.00	18166	47.70	54.00



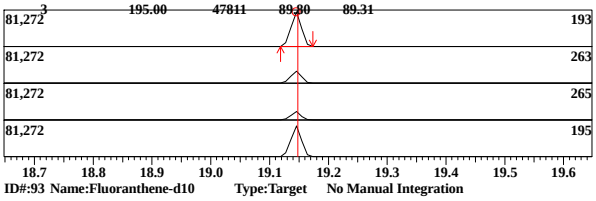
ID#:91 R.Time:18.724(Scan#:3087)
MassPeaks:66
RawMode:Averaged 18.715-18.733(3085-3089)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



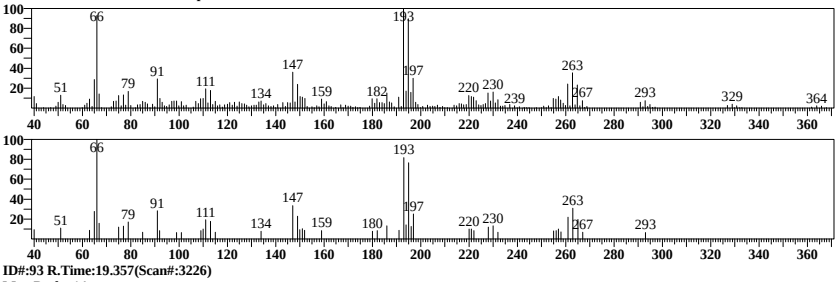
ID#:92 Name:Isodrin Type:Target No Manual Integration

Mass:193.00 R.T:19.145 Area:96016 Conc:47.91268ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	263.00	18847	35.40	42.74
2	265.00	12241	22.99	29.49
3	195.00	47811	89.80	89.31



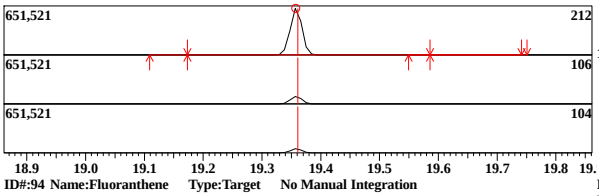
ID#:92 R.Time:19.146(Scan#:3179)
MassPeaks:213
RawMode:Averaged 19.137-19.155(3177-3181)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



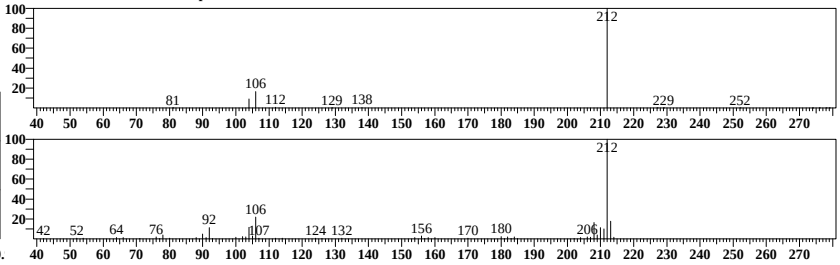
ID#:93 Name:Fluoranthene-d10 Type:Target No Manual Integration

Mass:212.00 R.T:19.358 Area:883067 Conc:46.75780ppm
Event:2:SIM SI:96

#	m/z	Area	Ratio	Reference
1	106.00	76194	16.41	22.08
2	104.00	41291	8.89	12.34



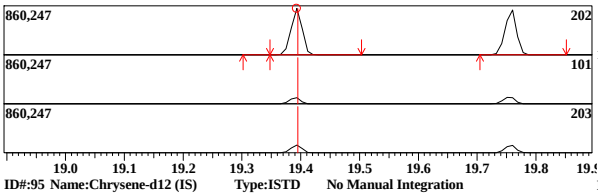
ID#:93 R.Time:19.357(Scan#:3226)
MassPeaks:14
RawMode:Averaged 19.348-19.366(3224-3228)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



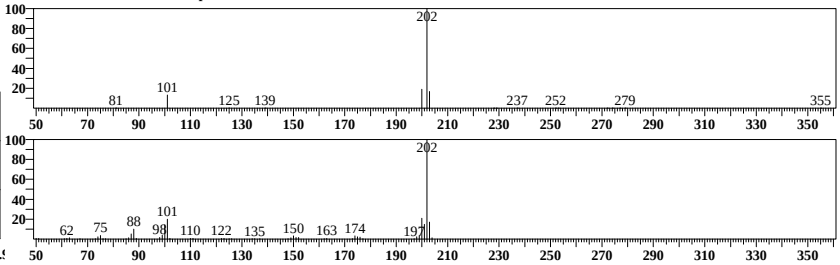
ID#:94 Name:Fluoranthene Type:Target No Manual Integration

Mass:202.00 R.T:19.393 Area:1077167 Conc:43.32535ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	101.00	77402	13.19	14.12
2	203.00	98341	16.76	6.47



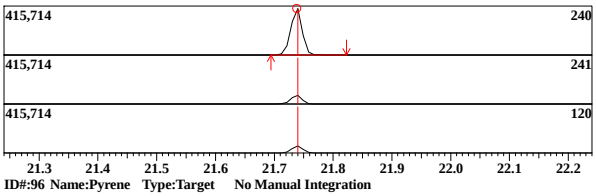
ID#:94 R.Time:19.393(Scan#:3234)
MassPeaks:17
RawMode:Averaged 19.384-19.403(3232-3236)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



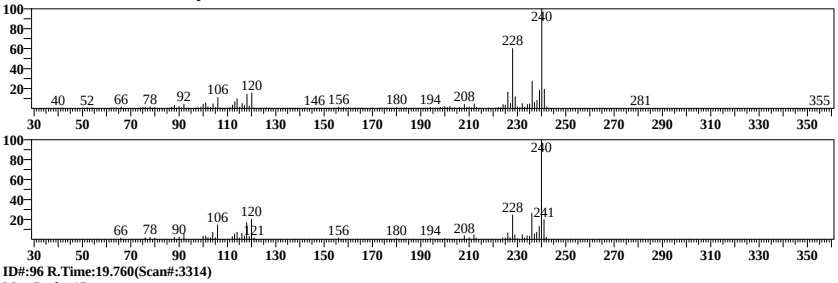
ID#:95 Name:Chrysene-d12 (IS) Type:ISTD No Manual Integration

Mass:240.00 R.T:21.738 Area:535630 Conc:40.00000ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	241.00	54400	19.33	19.13
2	120.00	43474	15.45	14.79



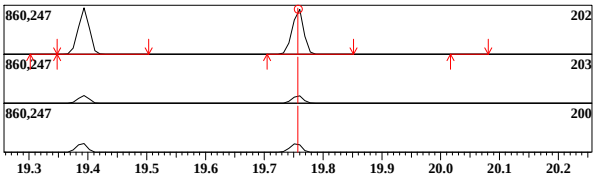
ID#:95 R.Time:21.740(Scan#:3745)
MassPeaks:154
RawMode:Averaged 21.731-21.749(3743-3747)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



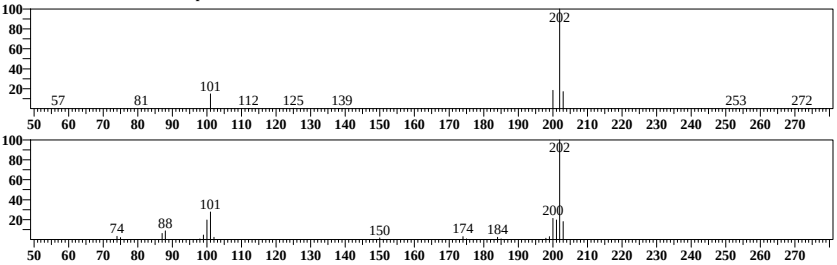
ID#:96 Name:Pyrene Type:Target No Manual Integration

Mass:202.00 R.T:19.758 Area:1092818 Conc:43.43748ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	203.00	97163	17.04	18.13
2	200.00	104701	18.36	4.68



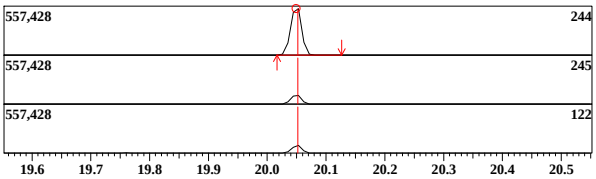
ID#:96 R.Time:19.760(Scan#:3314)
MassPeaks:17
RawMode:Averaged 19.751-19.769(3312-3316)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



ID#:97 Name:p-Terphenyl-d14Type:Surrogate/SMC No Manual Integration

Mass:244.00 R.T:20.050 Area:736583 Conc:46.20592ppm
Event:1:Scan SI:81

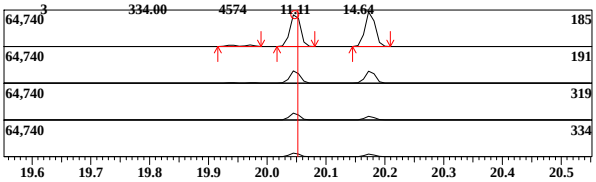
#	m/z	Area	Ratio	Reference
1	245.00	72571	18.66	19.16
2	122.00	60554	15.57	13.22



ID#:98 Name:Aramite A Type:Target No Manual Integration

Mass:185.00 R.T:20.047 Area:73726 Conc:22.49407ppm
Event:1:Scan SI:44

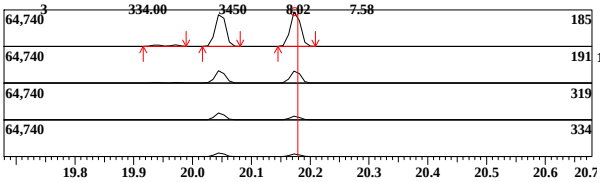
#	m/z	Area	Ratio	Reference
1	191.00	15049	36.55	44.95
2	319.00	8379	20.35	34.11
3	334.00	4574	11.11	14.64



ID#:99 Name:Aramite B Type:Target No Manual Integration

Mass:185.00 R.T:20.174 Area:76722 Conc:23.98806ppm
Event:1:Scan SI:96

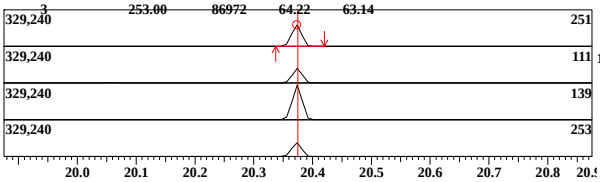
#	m/z	Area	Ratio	Reference
1	191.00	15234	35.40	42.53
2	319.00	4429	10.29	13.52
3	334.00	3450	8.02	7.58



ID#:100 Name:Chlorobenzilate Type:Target No Manual Integration

Mass:251.00 R.T:20.373 Area:240960 Conc:48.91400ppm
Event:1:Scan SI:98

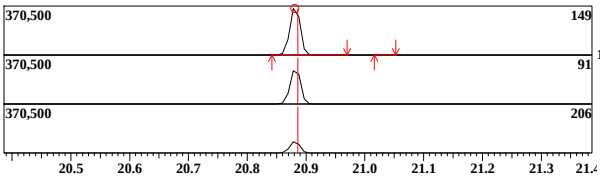
#	m/z	Area	Ratio	Reference
1	111.00	90434	66.78	55.84
2	139.00	214369	158.30	178.00
3	253.00	86972	64.22	63.14



ID#:101 Name:Butyl benzyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:20.881 Area:456280 Conc:47.83989ppm
Event:1:Scan SI:88

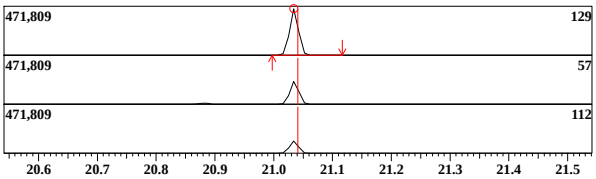
#	m/z	Area	Ratio	Reference
1	91.00	185549	73.16	92.95
2	206.00	61464	24.23	26.43



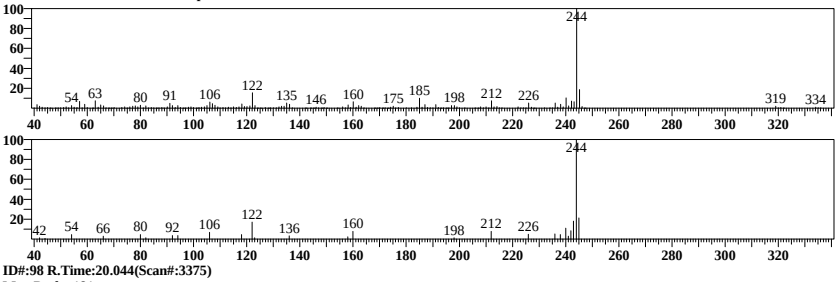
ID#:102 Name:Di(2-ethylhexyl) adipate Type:Target No Manual Integration

Mass:129.00 R.T:21.034 Area:493992 Conc:48.10077ppm
Event:1:Scan SI:98

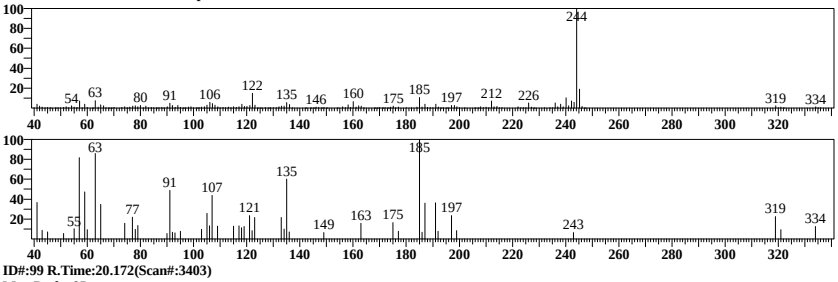
#	m/z	Area	Ratio	Reference
1	57.00	142191	50.18	40.00
2	112.00	75451	26.63	27.60



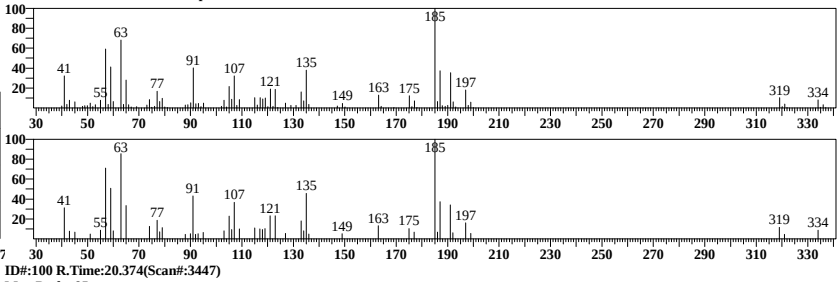
ID#:97 R.Time:20.053(Scan#:3377)
MassPeaks:181
RawMode:Averaged 20.044-20.063(3375-3379)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



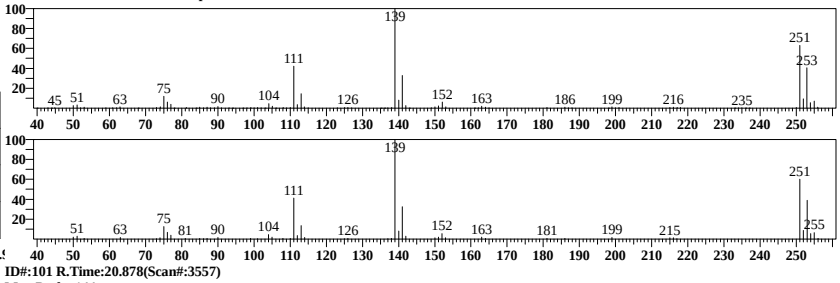
ID#:98 R.Time:20.044(Scan#:3375)
MassPeaks:181
RawMode:Averaged 20.035-20.053(3373-3377)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



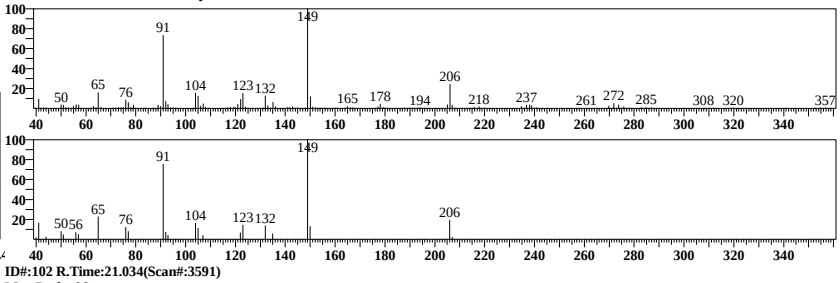
ID#:99 R.Time:20.172(Scan#:3403)
MassPeaks:95
RawMode:Averaged 20.163-20.182(3401-3405)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



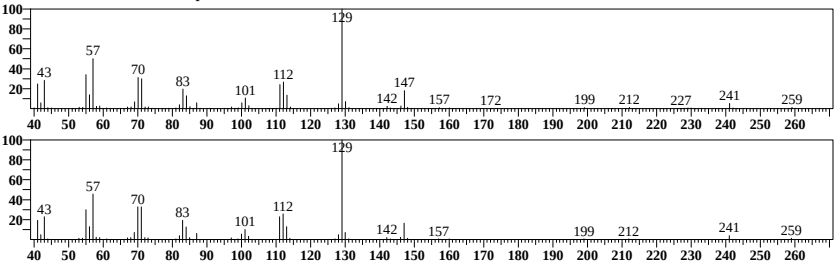
ID#:100 R.Time:20.374(Scan#:3447)
MassPeaks:95
RawMode:Averaged 20.365-20.383(3445-3449)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



ID#:101 R.Time:20.878(Scan#:3557)
MassPeaks:144
RawMode:Averaged 20.869-20.887(3555-3559)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



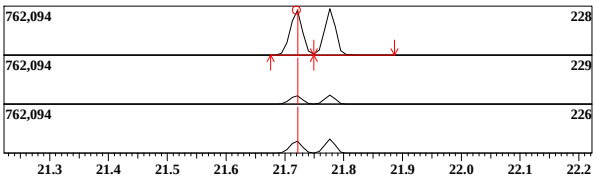
ID#:102 R.Time:21.034(Scan#:3591)
MassPeaks:96
RawMode:Averaged 21.025-21.043(3589-3593)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



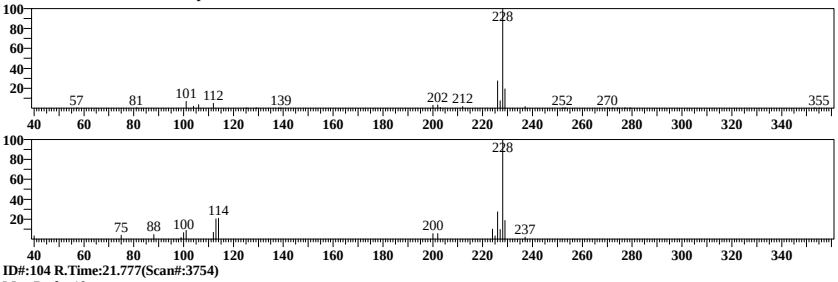
ID#:103 Name:Benzo[a]anthracene Type:Target No Manual Integration

Mass:228.00 R.T:21.720 Area:1041174 Conc:46.08848ppm
Event:2:SIM SI:89

#	m/z	Area	Ratio	Reference
1	229.00	99273	19.18	27.13
2	226.00	141016	27.25	24.70



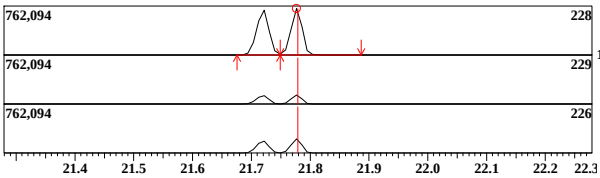
ID#:103 R.Time:21.722(Scan#:3742)
MassPeaks:28
RawMode:Averaged 21.712-21.731(3740-3744)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



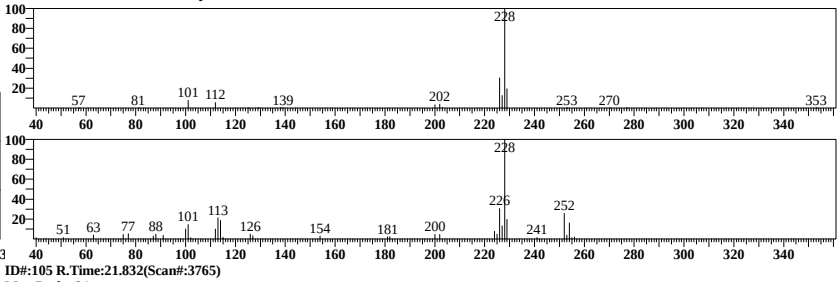
ID#:104 Name:Chrysene Type:Target No Manual Integration

Mass:228.00 R.T:21.777 Area:963841 Conc:42.58341ppm
Event:2:SIM SI:80

#	m/z	Area	Ratio	Reference
1	229.00	99153	19.39	27.13
2	226.00	155322	30.38	24.70



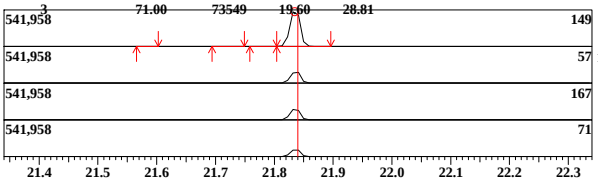
ID#:104 R.Time:21.777(Scan#:3754)
MassPeaks:19
RawMode:Averaged 21.767-21.786(3752-3756)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



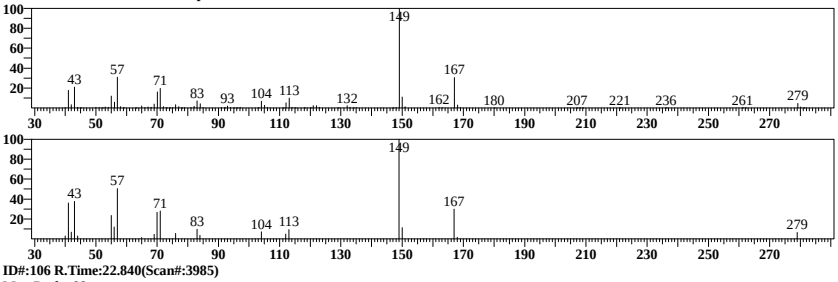
ID#:105 Name:Bis(2-Ethylhexyl) phthalate Type:Target No Manual Integration

Mass:149.00 R.T:21.835 Area:669549 Conc:47.84593ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	57.00	115442	30.77	45.69
2	167.00	114615	30.55	32.70
3	71.00	73549	19.60	28.81



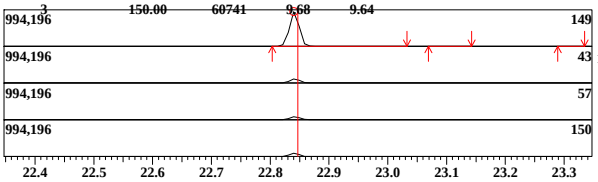
ID#:105 R.Time:21.832(Scan#:3765)
MassPeaks:84
RawMode:Averaged 21.823-21.841(3763-3767)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



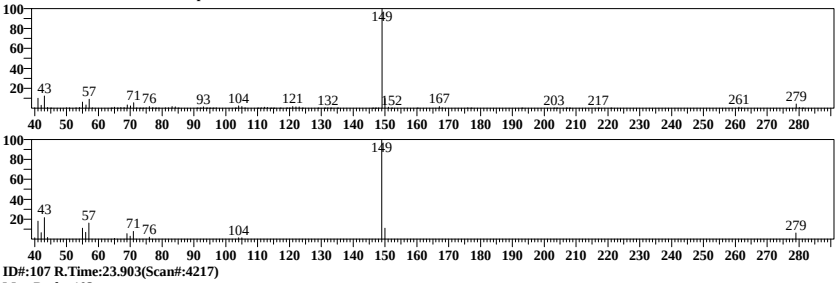
ID#:106 Name:Di-n-octyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:22.841 Area:1121773 Conc:48.01048ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	43.00	76812	12.23	13.63
2	57.00	56779	9.04	13.85
3	150.00	60741	9.68	9.64



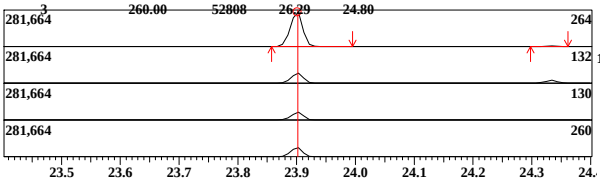
ID#:106 R.Time:22.840(Scan#:3985)
MassPeaks:88
RawMode:Averaged 22.831-22.849(3983-3987)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



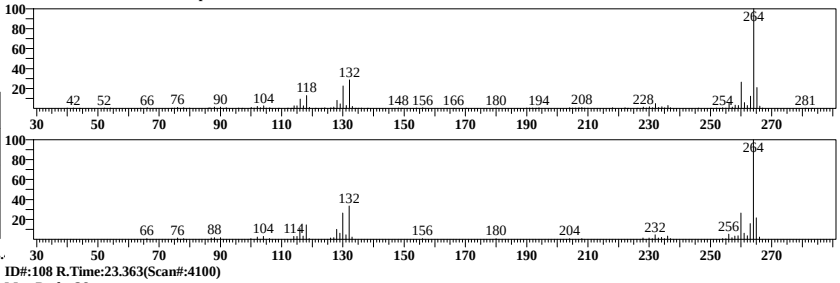
ID#:107 Name:Perylene-d12 (IS) Type:ISTD No Manual Integration

Mass:264.00 R.T:23.901 Area:405166 Conc:40.00000ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	132.00	57254	28.50	20.63
2	130.00	45001	22.40	16.36
3	260.00	52808	26.29	24.80



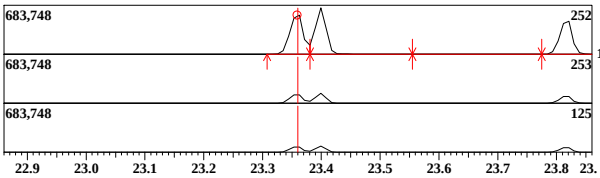
ID#:107 R.Time:23.903(Scan#:4217)
MassPeaks:103
RawMode:Averaged 23.894-23.913(4215-4219)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



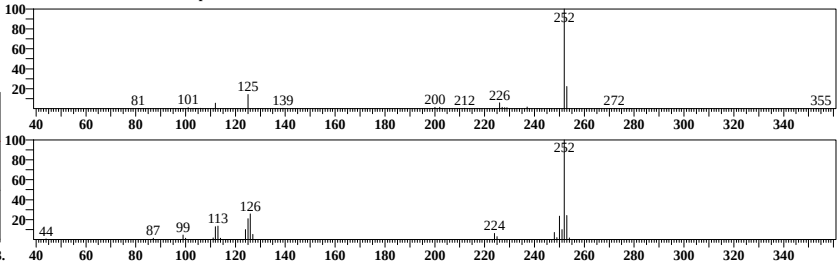
ID#:108 Name:Benzo[b]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.359 Area:932530 Conc:46.48273ppm
Event:2:SIM SI:78

#	m/z	Area	Ratio	Reference
1	253.00	71875	22.14	24.52
2	125.00	45607	14.05	21.64



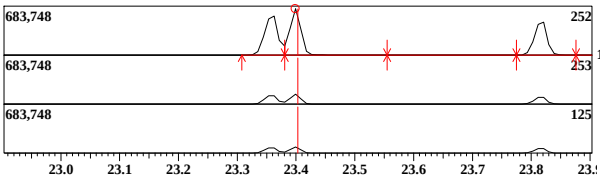
ID#:108 R.Time:23.363(Scan#:4100)
MassPeaks:26
RawMode:Averaged 23.353-23.372(4098-4102)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



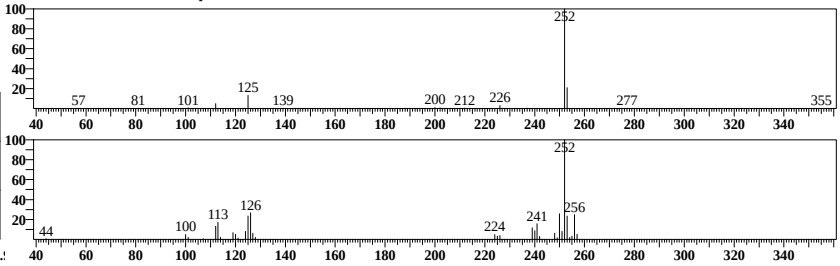
ID#:109 Name:Benzo[k]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.399 Area:812239 Conc:42.48408ppm
Event:2:SIM SI:78

#	m/z	Area	Ratio	Reference
1	253.00	72642	20.93	24.52
2	125.00	45455	13.10	21.64



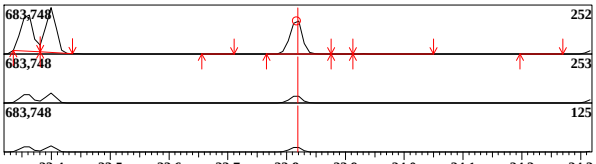
ID#:109 R.Time:23.399(Scan#:4108)
MassPeaks:26
RawMode:Averaged 23.390-23.408(4106-4110)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



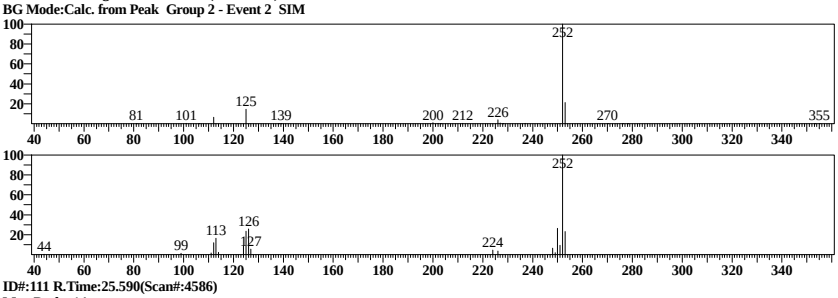
ID#:110 Name:Benzo[a]pyrene Type:Target No Manual Integration

Mass:252.00 R.T:23.817 Area:719018 Conc:45.84821ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	253.00	73260	21.15	24.52
2	125.00	49651	14.33	21.64



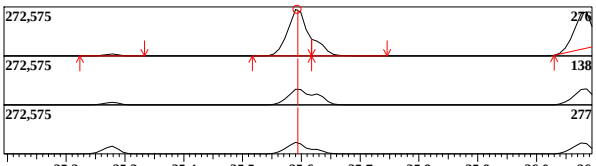
ID#:110 R.Time:23.821(Scan#:4200)
MassPeaks:22
RawMode:Averaged 23.812-23.830(4198-4202)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



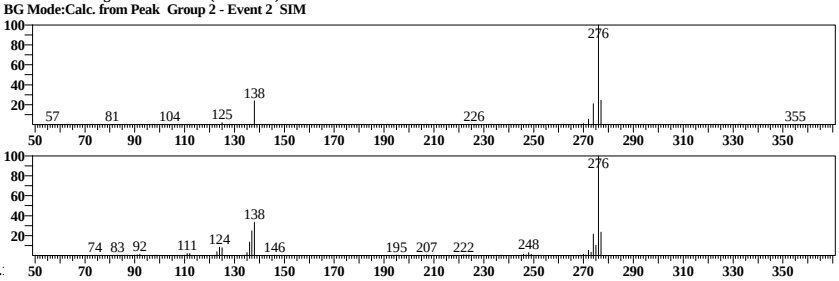
ID#:111 Name:Indeno(1,2,3-cd)pyrene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/14/2022

Mass:276.00 R.T:25.593 Area:590276 Conc:48.83897ppm
Event:2:SIM SI:94

#	m/z	Area	Ratio	Reference
1	138.00	37806	23.67	6.67
2	277.00	38797	24.29	14.17



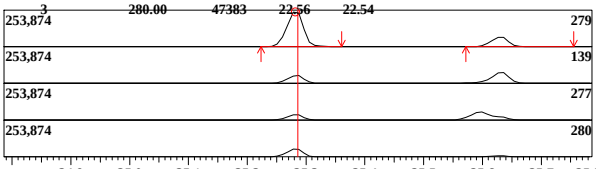
ID#:111 R.Time:25.590(Scan#:4586)
MassPeaks:14
RawMode:Averaged 25.581-25.599(4584-4588)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



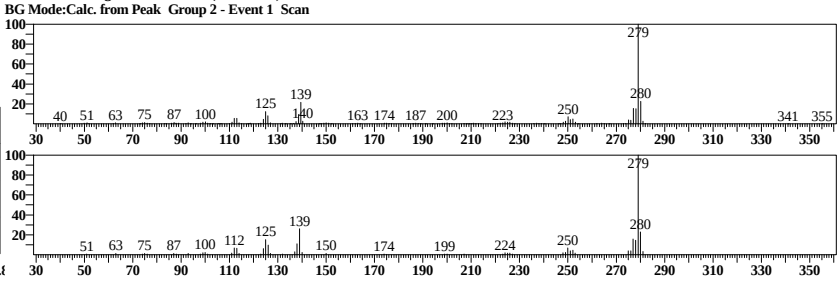
ID#:113 Name:Dibenz(a,j)Acridine Type:Target No Manual Integration

Mass:279.00 R.T:25.282 Area:488538 Conc:47.54362ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	139.00	45147	21.50	9.49
2	277.00	32202	15.33	15.01
3	280.00	47383	22.56	22.54



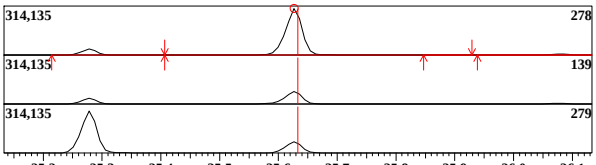
ID#:113 R.Time:25.278(Scan#:4517)
MassPeaks:125
RawMode:Averaged 25.269-25.288(4515-4519)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



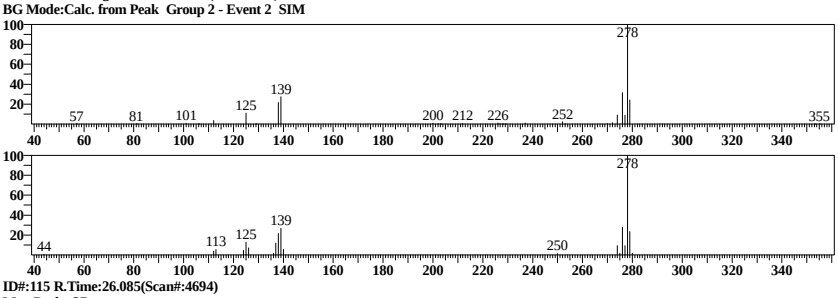
ID#:114 Name:Dibenzo[a,h]anthracene Type:Target No Manual Integration

Mass:278.00 R.T:25.627 Area:609910 Conc:47.96526ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	139.00	68931	27.49	7.75
2	279.00	60719	24.21	25.58



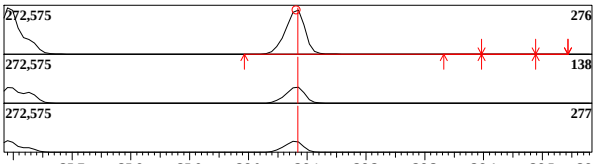
ID#:114 R.Time:25.627(Scan#:4594)
MassPeaks:29
RawMode:Averaged 25.618-25.636(4592-4596)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



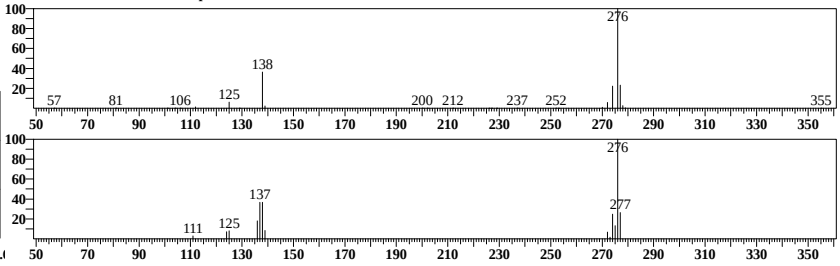
ID#:115 Name:Benzo[g,h,i]perylene Type:Target No Manual Integration

Mass:276.00 R.T:26.082 Area:582122 Conc:47.03428ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	138.00	78235	36.46	25.00
2	277.00	49809	23.21	21.09



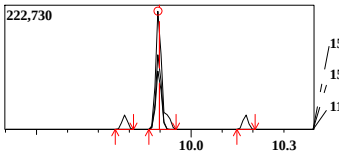
ID#:115 R.Time:26.085(Scan#:4694)
MassPeaks:27
RawMode:Averaged 26.076-26.094(4692-4696)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



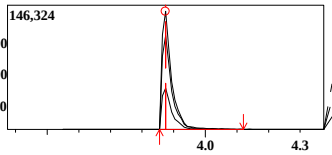
Before Manual Integrations

Analyst: CMN **Instr: J7H** **Trace Number: SVOC-BO45-F14-Y**
Method: 8270C/D/E/625.1 **Batch:**
Sample ID: A CCV6 **Data File: C:\GCMSsolution\Data\221212H024.qgd**
Date: 12/12/2022 **Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm**
Time: 23:48:16 **Sample Name: A CCV6**
Dilution: 1

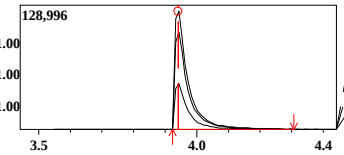
ID#:1 **Name:1,4-Dichlorobenzene-d4 (IS)**
Mass:150.00 **Type:ISTD**
R.T:9.894 **Area:301355** **Conc:40.00000ppm**



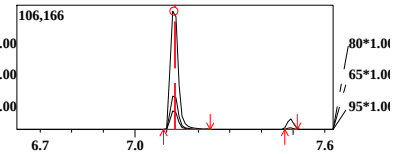
ID#:2 **Name:N-Nitrosodimethylamine**
Mass:74.00 **Type:Target**
R.T:3.873 **Area:298647** **Conc:51.10833ppm**



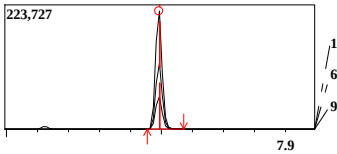
ID#:3 **Name:Pyridine**
Mass:79.00 **Type:Target**
R.T:3.940 **Area:369775** **Conc:45.82716ppm**



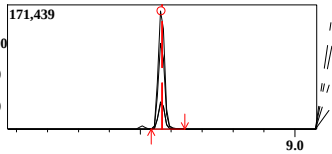
ID#:4 **Name:Methyl methanesulfonate**
Mass:80.00 **Type:Target**
R.T:7.124 **Area:181328** **Conc:45.12508ppm**



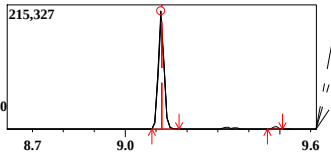
ID#:5 **Name:2-Fluorophenol**
Mass:112.00 **Type:Surrogate/SMC**
R.T:7.491 **Area:322237** **Conc:45.06133ppm**



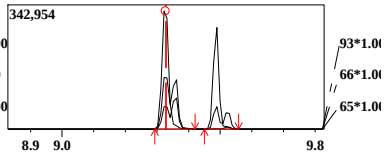
ID#:6 **Name:Ethyl methanesulfonate**
Mass:79.00 **Type:Target**
R.T:8.568 **Area:240488** **Conc:44.30643ppm**



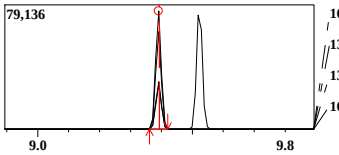
ID#:7 **Name:Benzaldehyde**
Mass:106.00 **Type:Target**
R.T:9.116 **Area:267859** **Conc:44.51771ppm**



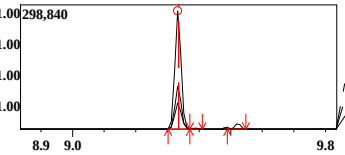
ID#:8 **Name:Aniline**
Mass:93.00 **Type:Target**
R.T:9.326 **Area:505562** **Conc:44.55965ppm**



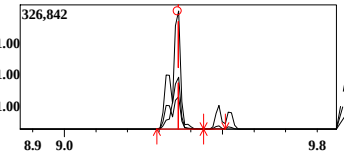
ID#:9 **Name:Pentachloroethane**
Mass:167.00 **Type:Target**
R.T:9.390 **Area:97670** **Conc:44.04438ppm**



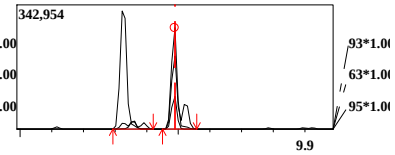
ID#:10 **Name:Phenol-d6**
Mass:99.00 **Type:Surrogate/SMC**
R.T:9.333 **Area:395769** **Conc:46.17206ppm**



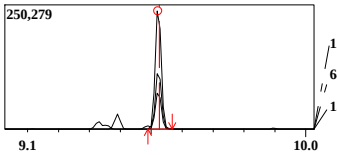
ID#:11 **Name:Phenol**
Mass:94.00 **Type:Target**
R.T:9.358 **Area:486023** **Conc:45.68016ppm**



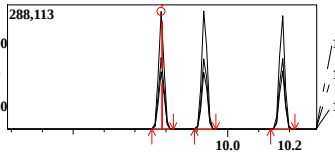
ID#:12 **Name:bis(2-Chloroethyl)Ether**
Mass:93.00 **Type:Target**
R.T:9.487 **Area:352517** **Conc:44.36908ppm**



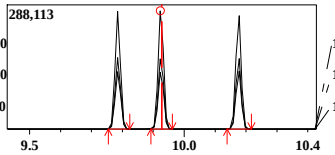
ID#:13 **Name:2-Chlorophenol**
Mass:128.00 **Type:Target**
R.T:9.522 **Area:336395** **Conc:44.63826ppm**



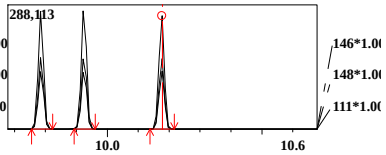
ID#:14 **Name:1,3-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.785 **Area:337246** **Conc:43.72037ppm**



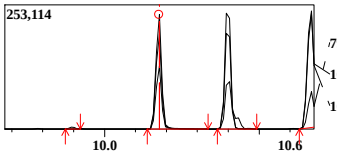
ID#:15 **Name:1,4-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.924 **Area:350794** **Conc:44.46643ppm**



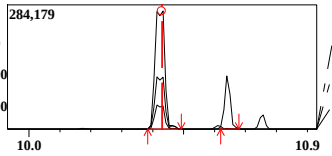
ID#:16 **Name:1,2-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:10.176 **Area:334712** **Conc:44.04660ppm**



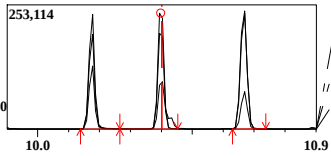
ID#:17 **Name:Benzyl Alcohol**
Mass:79.00 **Type:Target**
R.T:10.176 **Area:308153** **Conc:46.53888ppm**



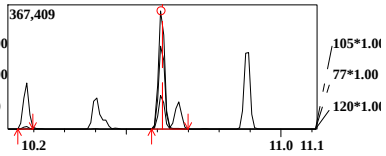
ID#:18 **Name:bis(2-Chloroisopropyl) Ether**
Mass:45.00 **Type:Target**
R.T:10.429 **Area:607589** **Conc:44.16986ppm**



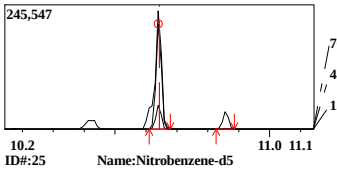
ID#:19 **Name:2-Methylphenol (o-Cresol)**
Mass:108.00 **Type:Target**
R.T:10.398 **Area:338822** **Conc:45.11588ppm**



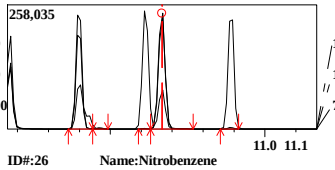
ID#:20 **Name:Acetophenone**
Mass:105.00 **Type:Target**
R.T:10.613 **Area:494896** **Conc:44.80945ppm**



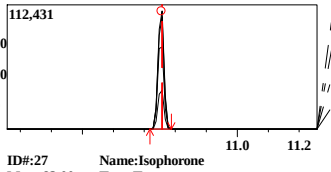
ID#:21 **Name:N-Nitrosodi-n-propylamine**
Mass:70.00 **Type:Target**
R.T:10.641 **Area:255405** **Conc:44.98483ppm**



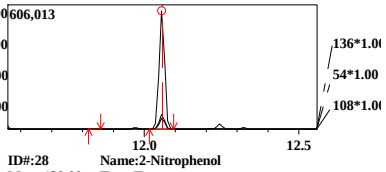
ID#:22 **Name:3+4-Methylphenol(m&p-Cresol)**
Mass:107.00 **Type:Target**
R.T:10.667 **Area:368578** **Conc:45.74045ppm**



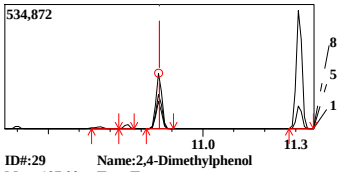
ID#:23 **Name:Hexachloroethane**
Mass:117.00 **Type:Target**
R.T:10.755 **Area:147158** **Conc:44.23771ppm**



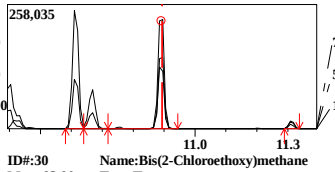
ID#:24 **Name:Naphthalene-d8 (IS)**
Mass:136.00 **Type:ISTD**
R.T:12.056 **Area:730534** **Conc:40.00000ppm**



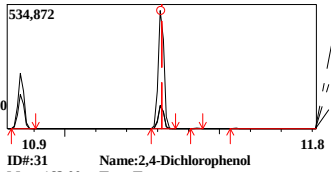
ID#:25 **Name:Nitrobenzene-d5**
Mass:82.00 **Type:Surrogate/SMC**
R.T:10.858 **Area:318522** **Conc:46.85014ppm**



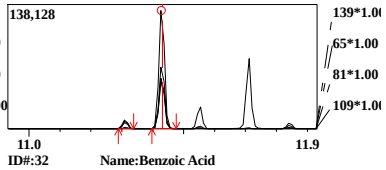
ID#:26 **Name:Nitrobenzene**
Mass:77.00 **Type:Target**
R.T:10.890 **Area:331176** **Conc:46.33082ppm**



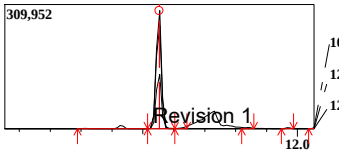
ID#:27 **Name:Isophorone**
Mass:82.00 **Type:Target**
R.T:11.311 **Area:665339** **Conc:47.26041ppm**



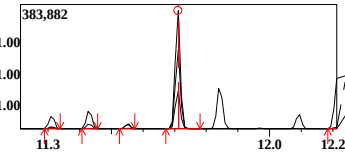
ID#:28 **Name:2-Nitrophenol**
Mass:139.00 **Type:Target**
R.T:11.428 **Area:172423** **Conc:49.20797ppm**



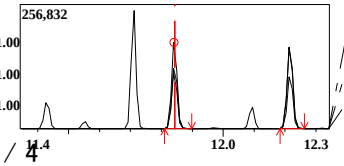
ID#:29 **Name:2,4-Dimethylphenol**
Mass:107.00 **Type:Target**
R.T:11.552 **Area:365152** **Conc:47.74239ppm**



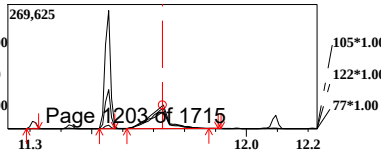
ID#:30 **Name:Bis(2-Chloroethoxy)methane**
Mass:93.00 **Type:Target**
R.T:11.710 **Area:413685** **Conc:46.30844ppm**



ID#:31 **Name:2,4-Dichlorophenol**
Mass:162.00 **Type:Target**
R.T:11.841 **Area:229786** **Conc:48.02789ppm**

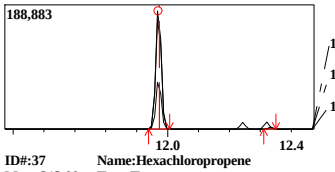


ID#:32 **Name:Benzoic Acid**
Mass:105.00 **Type:Target**
R.T:11.728 **Area:225648** **Conc:47.31570ppm**



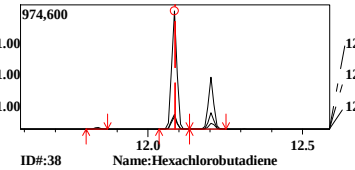
ID#:33 Name:1,2,4-Trichlorobenzene
Mass:180.00 Type:Target

R.T:11.970 Area:237575 Conc:46.91169ppm



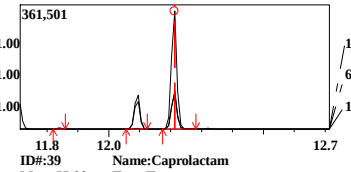
ID#:34 Name:Naphthalene
Mass:128.00 Type:Target

R.T:12.085 Area:1113811 Conc:44.55129ppm



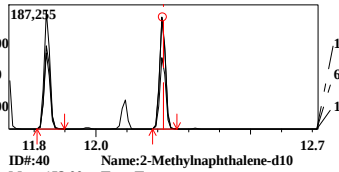
ID#:35 Name:4-Chloroaniline
Mass:127.00 Type:Target

R.T:12.212 Area:424512 Conc:48.32955ppm



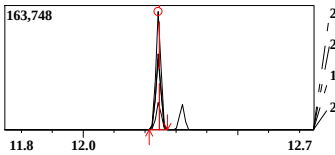
ID#:36 Name:2,6-Dichlorophenol
Mass:162.00 Type:Target

R.T:12.215 Area:225138 Conc:47.84963ppm



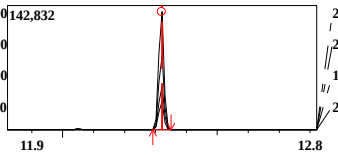
ID#:37 Name:Hexachloropropene
Mass:213.00 Type:Target

R.T:12.243 Area:182667 Conc:49.27345ppm



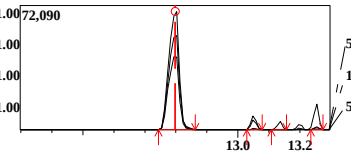
ID#:38 Name:Hexachlorobutadiene
Mass:225.00 Type:Target

R.T:12.320 Area:164020 Conc:47.16459ppm



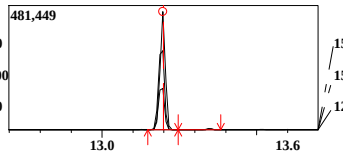
ID#:39 Name:Caprolactam
Mass:55.00 Type:Target

R.T:12.799 Area:161207 Conc:48.85401ppm



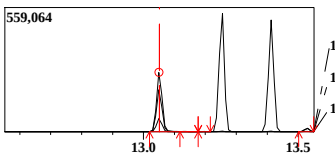
ID#:40 Name:2-Methylnaphthalene-d10
Mass:152.00 Type:Target

R.T:13.196 Area:542800 Conc:46.73644ppm



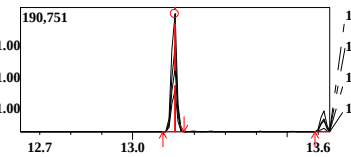
ID#:41 Name:4-Chloro-3-methylphenol
Mass:107.00 Type:Target

R.T:13.050 Area:344515 Conc:49.35551ppm



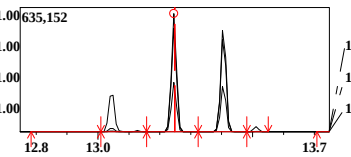
ID#:42 Name:Safrole
Mass:162.00 Type:Target

R.T:13.135 Area:221006 Conc:47.31732ppm



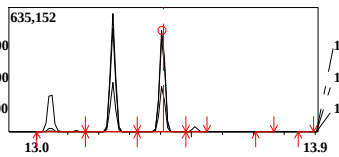
ID#:43 Name:2-Methylnaphthalene
Mass:142.00 Type:Target

R.T:13.246 Area:714259 Conc:44.83309ppm



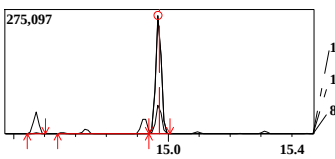
ID#:44 Name:1-Methylnaphthalene
Mass:142.00 Type:Target

R.T:13.405 Area:666882 Conc:44.13074ppm



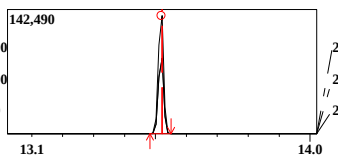
ID#:45 Name:Acenaphthene-d10 (IS)
Mass:164.00 Type:ISTD

R.T:14.968 Area:340309 Conc:40.00000ppm



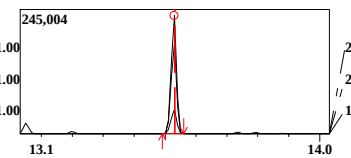
ID#:46 Name:Hexachlorocyclopentadiene
Mass:237.00 Type:Target

R.T:13.518 Area:169242 Conc:45.03968ppm



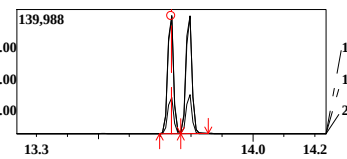
ID#:47 Name:1,2,4,5-Tetrachlorobenzene
Mass:216.00 Type:Target

R.T:13.529 Area:287232 Conc:47.40142ppm



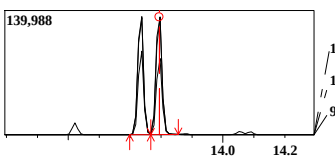
ID#:48 Name:2,4,6-Trichlorophenol
Mass:196.00 Type:Target

R.T:13.734 Area:177779 Conc:49.61447ppm



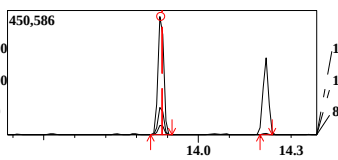
ID#:49 Name:2,4,5-Trichlorophenol
Mass:196.00 Type:Target

R.T:13.793 Area:182906 Conc:46.84078ppm



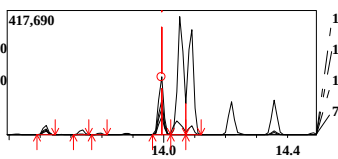
ID#:50 Name:2-Fluorobiphenyl
Mass:172.00 Type:Surrogate/SMC

R.T:13.878 Area:568173 Conc:46.04406ppm



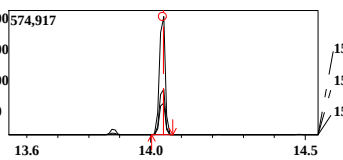
ID#:51 Name:Isosafrole
Mass:162.00 Type:Target

R.T:13.992 Area:229098 Conc:47.29112ppm



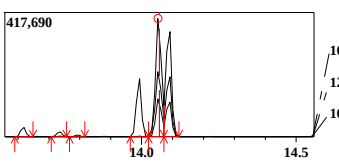
ID#:52 Name:1,1'-Biphenyl
Mass:154.00 Type:Target

R.T:14.038 Area:719528 Conc:46.86200ppm



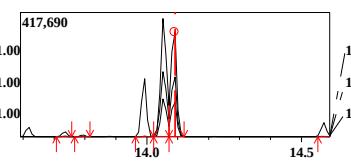
ID#:53 Name:2-Chloronaphthalene
Mass:162.00 Type:Target

R.T:14.054 Area:555988 Conc:46.67617ppm



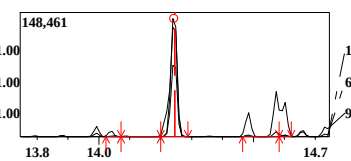
ID#:54 Name:1-Chloronaphthalene
Mass:162.00 Type:Target

R.T:14.088 Area:434301 Conc:46.57941ppm



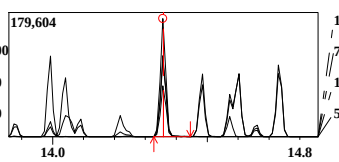
ID#:55 Name:2-Nitroaniline
Mass:138.00 Type:Target

R.T:14.243 Area:207132 Conc:48.30867ppm



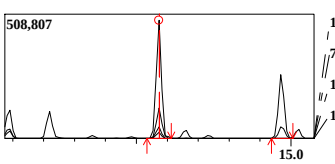
ID#:56 Name:1,4-Naphthoquinone
Mass:158.00 Type:Target

R.T:14.357 Area:215816 Conc:45.54356ppm



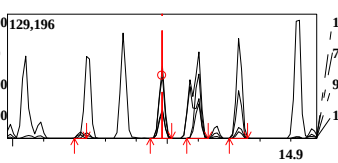
ID#:57 Name:Dimethyl phthalate
Mass:163.00 Type:Target

R.T:14.573 Area:573668 Conc:46.24595ppm



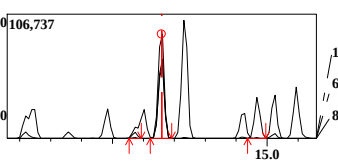
ID#:58 Name:1,3-Dinitrobenzene
Mass:168.00 Type:Target

R.T:14.483 Area:83636 Conc:44.83744ppm



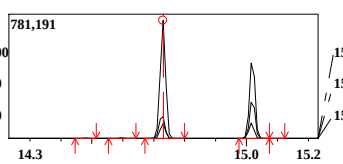
ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT)
Mass:165.00 Type:Target

R.T:14.658 Area:124253 Conc:46.71634ppm



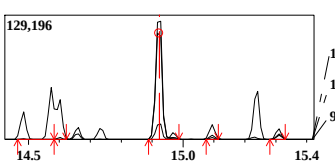
ID#:60 Name:Acenaphthylene
Mass:152.00 Type:Target

R.T:14.730 Area:927581 Conc:44.57139ppm



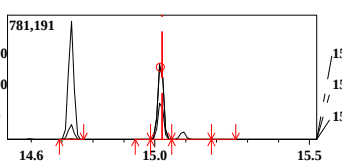
ID#:61 Name:3-Nitroaniline
Mass:138.00 Type:Target

R.T:14.922 Area:169619 Conc:47.52885ppm



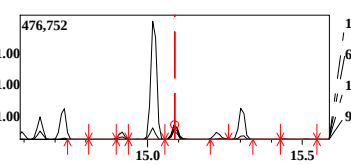
ID#:62 Name:Acenaphthene
Mass:154.00 Type:Target

R.T:15.019 Area:617901 Conc:44.74280ppm



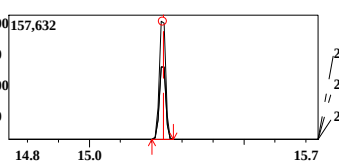
ID#:63 Name:2,4-Dinitrophenol
Mass:184.00 Type:Target

R.T:15.087 Area:81161 Conc:50.77858ppm



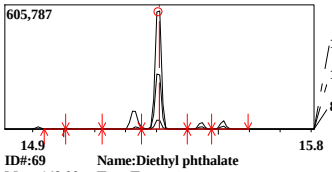
ID#:64 Name:Pentachlorobenzene
Mass:250.00 Type:Target

R.T:15.237 Area:219703 Conc:46.90627ppm



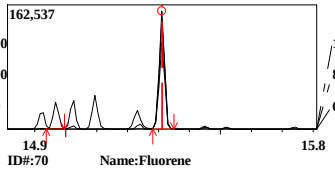
ID#:65 Name:Dibenzofuran
Mass:168.00 Type:Target

R.T:15.306 Area:846336 Conc:45.45995ppm



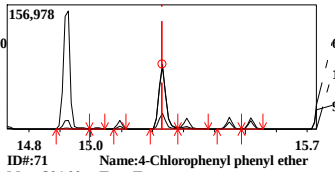
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT)
Mass:165.00 Type:Target

R.T:15.310 Area:188582 Conc:49.14501ppm



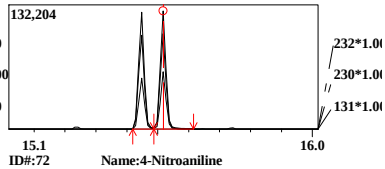
ID#:67 Name:4-Nitrophenol
Mass:65.00 Type:Target

R.T:15.231 Area:128118 Conc:46.00887ppm



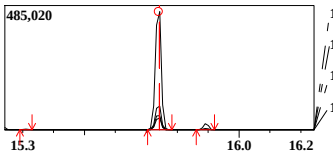
ID#:68 Name:2,3,4,6-Tetrachlorophenol
Mass:232.00 Type:Target

R.T:15.517 Area:164064 Conc:49.68880ppm



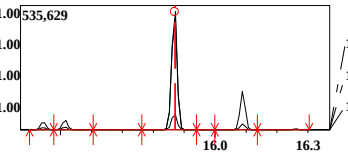
ID#:69 Name:Diethyl phthalate
Mass:149.00 Type:Target

R.T:15.740 Area:633922 Conc:46.91517ppm



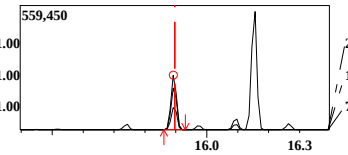
ID#:70 Name:Fluorene
Mass:166.00 Type:Target

R.T:15.869 Area:660126 Conc:43.95838ppm



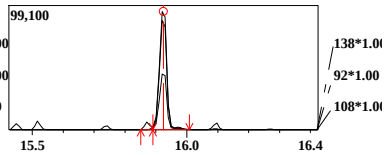
ID#:71 Name:4-Chlorophenyl phenyl ether
Mass:204.00 Type:Target

R.T:15.892 Area:311489 Conc:46.59357ppm



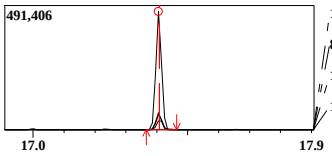
ID#:72 Name:4-Nitroaniline
Mass:138.00 Type:Target

R.T:15.924 Area:157951 Conc:47.55059ppm



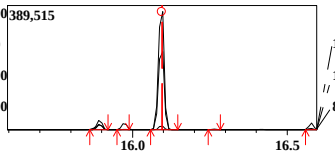
ID#:73 Name:Phenanthrene-d10 (IS)
Mass:188.00 Type:ISTD

R.T:17.406 Area:608968 Conc:40.00000ppm



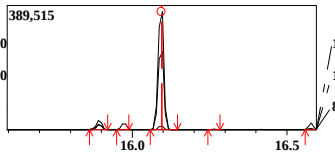
ID#:75 Name:N-Nitrosodiphenylamine
Mass:169.00 Type:Target

R.T:16.094 Area:498746 Conc:47.33996ppm



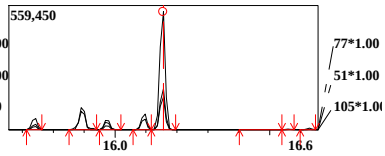
ID#:76 Name:Diphenylamine
Mass:169.00 Type:Target

R.T:16.094 Area:498746 Conc:47.33996ppm



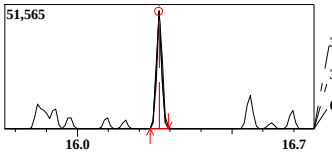
ID#:77 Name:1,2-Diphenylhydrazine
Mass:77.00 Type:Target

R.T:16.154 Area:666976 Conc:47.28261ppm



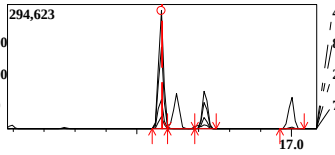
ID#:78 Name:2,4,6-Tribromophenol
Mass:330.00 Type:Surrogate/SMC

R.T:16.264 Area:60048 Conc:43.62233ppm



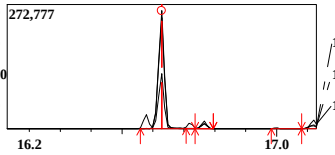
ID#:79 Name:(cis/trans)-Diallate
Mass:43.00 Type:Target

R.T:16.578 Area:323315 Conc:48.57811ppm



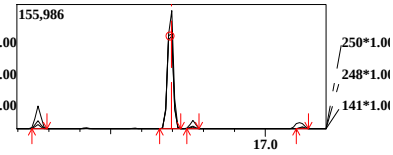
ID#:80 Name:Phenacetin
Mass:108.00 Type:Target

R.T:16.628 Area:346406 Conc:50.09618ppm



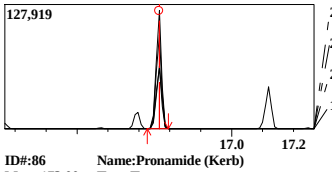
ID#:81 Name:4-Bromophenyl phenyl ether
Mass:250.00 Type:Target

R.T:16.692 Area:165140 Conc:47.22840ppm



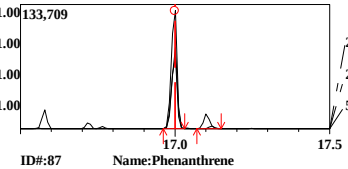
ID#:82 Name:Hexachlorobenzene
Mass:284.00 Type:Target

R.T:16.765 Area:148076 Conc:46.45951ppm



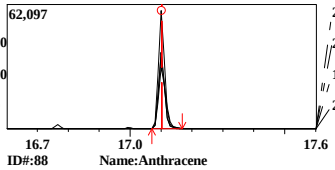
ID#:83 Name:Atrazine
Mass:200.00 Type:Target

R.T:16.999 Area:168550 Conc:47.83705ppm



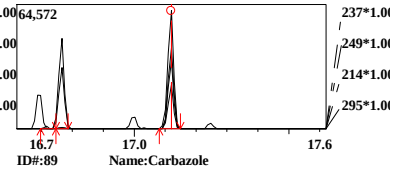
ID#:84 Name:Pentachlorophenol
Mass:266.00 Type:Target

R.T:17.101 Area:82772 Conc:46.87595ppm



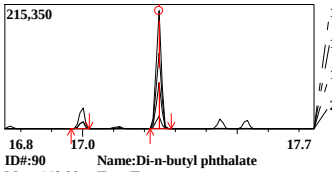
ID#:85 Name:Pentachloronitrobenzene
Mass:237.00 Type:Target

R.T:17.118 Area:82132 Conc:49.35677ppm



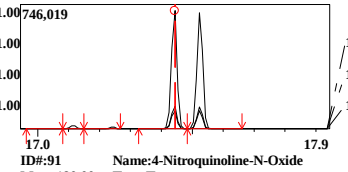
ID#:86 Name:Pronamide (Kerb)
Mass:173.00 Type:Target

R.T:17.247 Area:243541 Conc:47.26098ppm



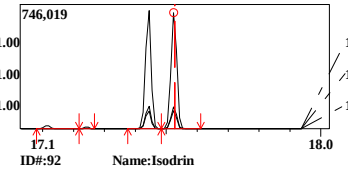
ID#:87 Name:Phenanthrene
Mass:178.00 Type:Target

R.T:17.442 Area:917900 Conc:45.32242ppm



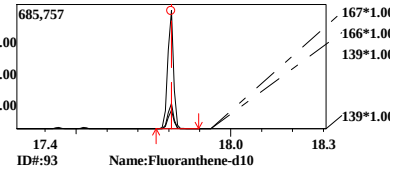
ID#:88 Name:Anthracene
Mass:178.00 Type:Target

R.T:17.525 Area:931191 Conc:44.13961ppm



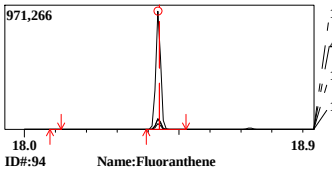
ID#:89 Name:Carbazole
Mass:167.00 Type:Target

R.T:17.807 Area:845320 Conc:45.02055ppm



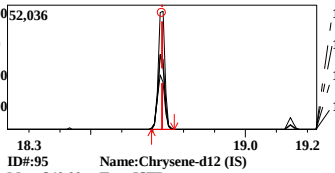
ID#:90 Name:Di-n-butyl phthalate
Mass:149.00 Type:Target

R.T:18.432 Area:1057095 Conc:47.73932ppm



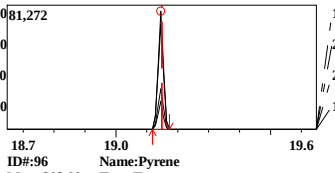
ID#:91 Name:4-Nitroquinoline-N-Oxide
Mass:190.00 Type:Target

R.T:18.729 Area:73681 Conc:47.63649ppm



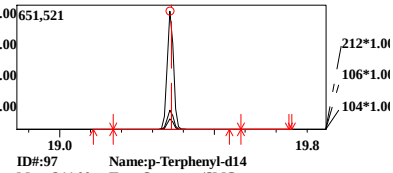
ID#:92 Name:Isodrin
Mass:193.00 Type:Target

R.T:19.145 Area:96016 Conc:47.91268ppm



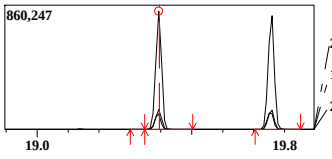
ID#:93 Name:Fluoranthene-d10
Mass:212.00 Type:Target

R.T:19.358 Area:883067 Conc:46.75780ppm



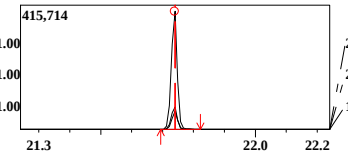
ID#:94 Name:Fluoranthene
Mass:202.00 Type:Target

R.T:19.393 Area:1077167 Conc:43.32535ppm



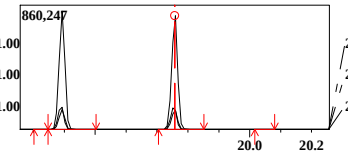
ID#:95 Name:Chrysene-d12 (IS)
Mass:240.00 Type:ISTD

R.T:21.738 Area:535630 Conc:40.00000ppm



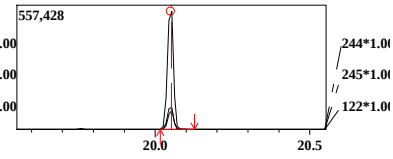
ID#:96 Name:Pyrene
Mass:202.00 Type:Target

R.T:19.758 Area:1092818 Conc:43.43748ppm



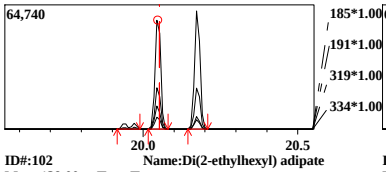
ID#:97 Name:p-Terphenyl-d14
Mass:244.00 Type:Surrogate/SMC

R.T:20.050 Area:736583 Conc:46.20592ppm



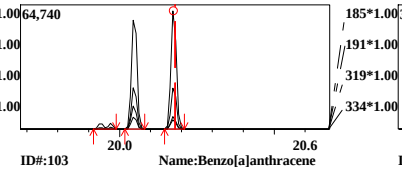
ID#:98 Name:Aramite A
Mass:185.00 Type:Target

R.T:20.047 Area:73726 Conc:22.49407ppm



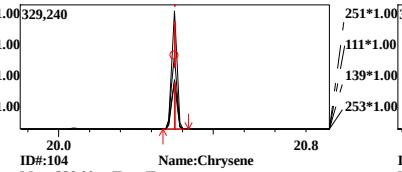
ID#:99 Name:Aramite B
Mass:185.00 Type:Target

R.T:20.174 Area:76722 Conc:23.98806ppm



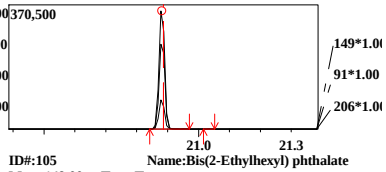
ID#:100 Name:Chlorobenzilate
Mass:251.00 Type:Target

R.T:20.373 Area:240960 Conc:48.91400ppm



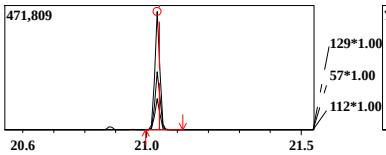
ID#:101 Name:Butyl benzyl phthalate
Mass:149.00 Type:Target

R.T:20.881 Area:456280 Conc:47.83989ppm



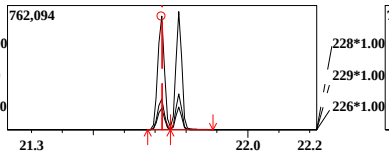
ID#:102 Name:Di(2-ethylhexyl) adipate
Mass:129.00 Type:Target

R.T:21.034 Area:493992 Conc:48.10077ppm



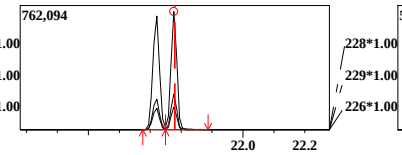
ID#:103 Name:Benzo[a]anthracene
Mass:228.00 Type:Target

R.T:21.720 Area:1041174 Conc:46.08848ppm



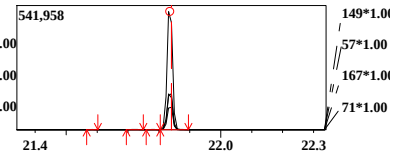
ID#:104 Name:Chrysene
Mass:228.00 Type:Target

R.T:21.777 Area:963841 Conc:42.58341ppm



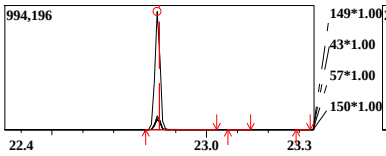
ID#:105 Name:Bis(2-Ethylhexyl) phthalate
Mass:149.00 Type:Target

R.T:21.835 Area:669549 Conc:47.84593ppm



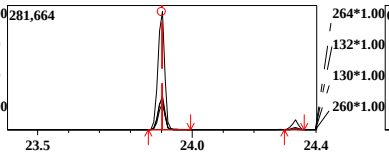
ID#:106 Name:Di-n-octyl phthalate
Mass:149.00 Type:Target

R.T:22.841 Area:1121773 Conc:48.01048ppm



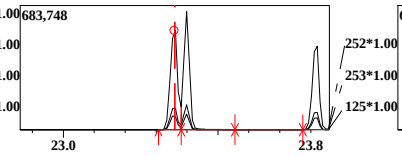
ID#:107 Name:Perylene-d12 (IS)
Mass:264.00 Type:ISTD

R.T:23.901 Area:405166 Conc:40.00000ppm



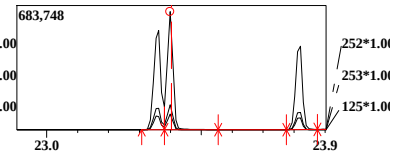
ID#:108 Name:Benzo[b]fluoranthene
Mass:252.00 Type:Target

R.T:23.359 Area:932530 Conc:46.48273ppm



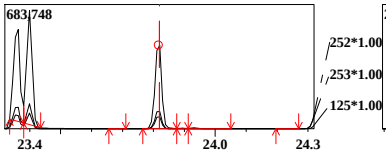
ID#:109 Name:Benzo[k]fluoranthene
Mass:252.00 Type:Target

R.T:23.399 Area:812239 Conc:42.48408ppm



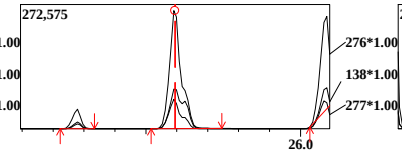
ID#:110 Name:Benzo[a]pyrene
Mass:252.00 Type:Target

R.T:23.817 Area:719018 Conc:45.84821ppm



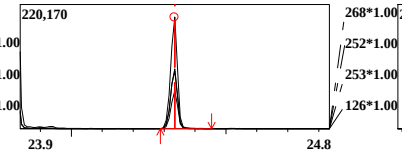
ID#:111 Name:Indeno(1,2,3-cd)pyrene
Mass:276.00 Type:Target

R.T:25.593 Area:695509 Conc:56.02809ppm



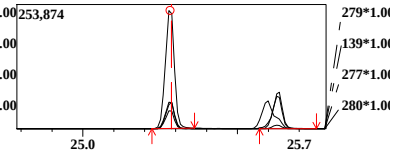
ID#:112 Name:3-Methylcholanthrene
Mass:268.00 Type:Target

R.T:24.333 Area:305740 Conc:43.61315ppm



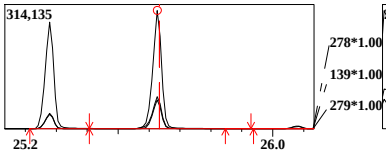
ID#:113 Name:Dibenz(a,j)Acridine
Mass:279.00 Type:Target

R.T:25.282 Area:488538 Conc:47.54362ppm



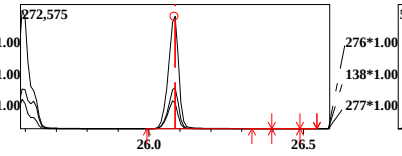
ID#:114 Name:Dibenzo[a,h]anthracene
Mass:278.00 Type:Target

R.T:25.627 Area:609910 Conc:47.96526ppm



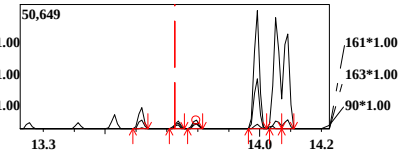
ID#:115 Name:Benzo[g,h,i]perylene
Mass:276.00 Type:Target

R.T:26.082 Area:582122 Conc:47.03428ppm



ID#:128 Name:2,3-Dichloroaniline
Mass:161.00 Type:Target

R.T:13.793 Area:4931 Conc:0.85043ppm



Advanced Environmental Laboratories, Inc.

Continuing Calibration Verification Summary Report

FORM 7

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Calibration Date/Time: 12/13/2022 07:51

Lab File ID: 221212H036.qgd

Instrument ID: J7H

Lab Sample ID: A ENDCCV6

Parameter	Spike Added	CCV Result	CCV %D	QC Limits Q	QC Limits % D
1-Methylnaphthalene*	50.0	44.3	12		50
2-Methylnaphthalene*	50.0	44.6	11		50
Benzo[a]anthracene*	50.0	46.4	7.3		50
Bis(2-Ethylhexyl) phthalate	50.0	48.9	2.1		50
Dibenzo[a,h]anthracene*	50.0	47.9	4.1		50
Naphthalene*	50.0	44.7	11		50
2,4,6-Tribromophenol	50.0	43.5	13		50
2-Fluorobiphenyl	50.0	46.0	8.0		50
2-Fluorophenol	50.0	49.4	1.3		50
2-Methylnapthalene-d10	50.0	46.7	6.6		50
Fluoranthene-d10	50.0	46.0	8.1		50
Nitrobenzene-d5	50.0	47.3	5.4		50
Phenol-d6	50.0	49.7	0.50		50
p-Terphenyl-d14	50.0	45.9	8.1		50

Analyst: CMN Instrument: J7H Trace Number: SVOC-BO45-F14-Y
Method: 8270C/D/E/625.1 Batch:
Sample ID: A ENDCCV6 Data File: C:\GCMSsolution\Data\221212H036.qgd
Date: 12/13/2022 Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm
Time: 07:51:24 Sample Name: A ENDCCV6
Dilution: 1

Internal Standard

ID#	Name	Mass	Time	Area	Conc.
1	1,4-Dichlorobenzene-d4 (IS)	150.00	9.89	280182	40.00
24	Naphthalene-d8 (IS)	136.00	12.06	745003	40.00
45	Acenaphthene-d10 (IS)	164.00	14.97	352102	40.00
73	Phenanthrene-d10 (IS)	188.00	17.40	638304	40.00
95	Chrysene-d12 (IS)	240.00	21.74	549104	40.00
107	Perylene-d12 (IS)	264.00	23.90	415133	40.00

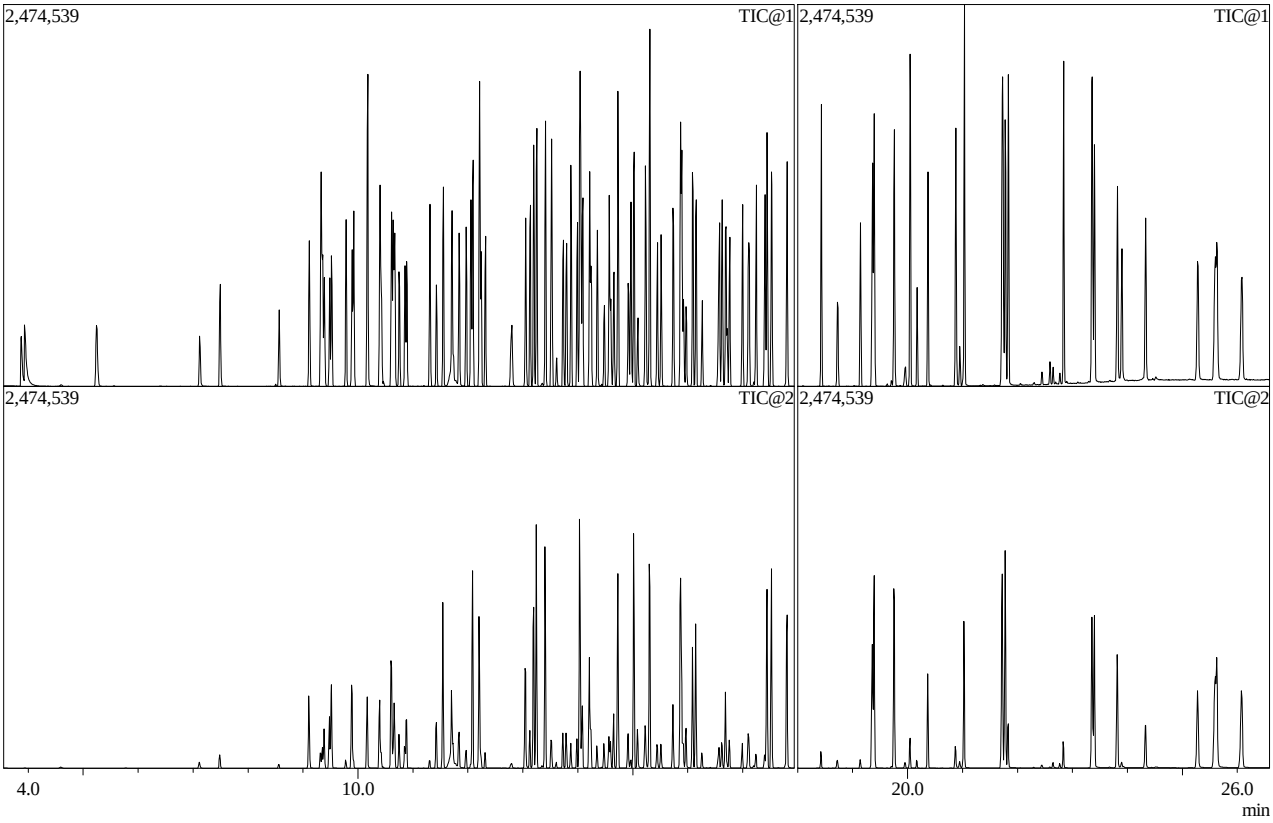
Surrogate

ID#	Name	Mass	Time	Area	Conc.
5	2-Fluorophenol	112.00	7.49	328266	49.37
10	Phenol-d6	99.00	9.33	396300	49.73
25	Nitrobenzene-d5	82.00	10.86	327930	47.30
50	2-Fluorobiphenyl	172.00	13.88	587303	46.00
78	2,4,6-Tribromophenol	330.00	16.26	62769	43.51
97	p-Terphenyl-d14	244.00	20.05	750618	45.93

Target

ID#	Name	Mass	Time	Area	Conc.
2	N-Nitrosodimethylamine	74.00	3.87	287263	52.88
3	Pyridine	79.00	3.94	354240	47.20
4	Methyl methanesulfonate	80.00	7.12	184041	49.26
6	Ethyl methanesulfonate	79.00	8.57	242359	48.03
7	Benzaldehyde	106.00	9.11	275945	49.33
8	Aniline	93.00	9.32	502981	47.68
9	Pentachloroethane	167.00	9.39	98160	47.61
11	Phenol	94.00	9.36	495051	50.04
12	bis(2-Chloroethyl)Ether	93.00	9.49	351925	47.64
13	2-Chlorophenol	128.00	9.52	342817	48.93
14	1,3-Dichlorobenzene	146.00	9.78	345258	48.14
15	1,4-Dichlorobenzene	146.00	9.92	359197	48.97
16	1,2-Dichlorobenzene	146.00	10.17	348486	49.32
17	Benzyl Alcohol	79.00	10.17	315218	51.20
18	bis(2-Chloroisopropyl) Ether	45.00	10.42	621991	48.63
19	2-Methylphenol (o-Cresol)	108.00	10.40	345695	49.51
20	Acetophenone	105.00	10.61	499862	48.68
21	N-Nitrosodi-n-propylamine	70.00	10.64	259656	49.19
22	3+4-Methylphenol(m&p-Cresol)	107.00	10.67	379986	50.72
23	Hexachloroethane	117.00	10.75	151912	49.12
26	Nitrobenzene	77.00	10.89	340884	46.76
27	Isophorone	82.00	11.31	675976	47.08
28	2-Nitrophenol	139.00	11.43	175679	49.16
29	2,4-Dimethylphenol	107.00	11.55	370956	47.56
30	Bis(2-Chloroethoxy)methane	93.00	11.71	424112	46.55
31	2,4-Dichlorophenol	162.00	11.84	237387	48.65
32	Benzoic Acid	105.00	11.73	249884	50.74
33	1,2,4-Trichlorobenzene	180.00	11.97	242202	46.90
34	Naphthalene	128.00	12.08	1140037	44.71
35	4-Chloroaniline	127.00	12.21	433364	48.38
36	2,6-Dichlorophenol	162.00	12.21	229961	47.93
37	Hexachloropropene	213.00	12.24	181457	48.00
38	Hexachlorobutadiene	225.00	12.32	170395	48.05
39	Caprolactam	55.00	12.80	164579	48.91
40	2-Methylnaphthalene-d10	152.00	13.19	553146	46.70
41	4-Chloro-3-methylphenol	107.00	13.05	343728	48.29
42	Safrole	162.00	13.13	219113	46.00
43	2-Methylnaphthalene	142.00	13.24	724491	44.59
44	1-Methylnaphthalene	142.00	13.40	681994	44.25
46	Hexachlorocyclopentadiene	237.00	13.52	177799	45.67
47	1,2,4,5-Tetrachlorobenzene	216.00	13.53	297406	47.44
48	2,4,6-Trichlorophenol	196.00	13.73	180338	48.64
49	2,4,5-Trichlorophenol	196.00	13.79	191172	47.32
51	Isosafrole	162.00	13.99	232666	46.42
52	1,1'-Biphenyl	154.00	14.04	732937	46.14
53	2-Chloronaphthalene	162.00	14.05	581658	47.20
54	1-Chloronaphthalene	162.00	14.09	431641	44.74
55	2-Nitroaniline	138.00	14.24	209729	47.28
56	1,4-Naphthoquinone	158.00	14.36	224816	45.85
57	Dimethyl phthalate	163.00	14.57	590708	46.02
58	1,3-Dinitrobenzene	168.00	14.48	86152	44.65

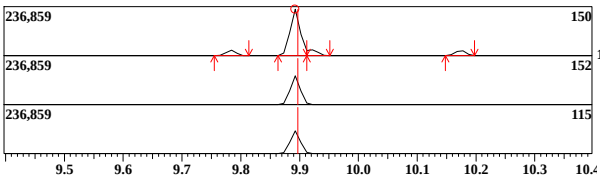
ID#	Name	Mass	Time	Area	Conc.
59	2,6-Dinitrotoluene (2,6-DNT)	165.00	14.66	131807	47.90
60	Acenaphthylene	152.00	14.73	949223	44.08
61	3-Nitroaniline	138.00	14.92	175099	47.42
62	Acenaphthene	154.00	15.02	631149	44.17
63	2,4-Dinitrophenol	184.00	15.09	81886	49.68
64	Pentachlorobenzene	250.00	15.23	220826	45.57
65	Dibenzofuran	168.00	15.30	862205	44.78
66	2,4-Dinitrotoluene (2,4-DNT)	165.00	15.31	190509	47.98
67	4-Nitrophenol	65.00	15.23	133336	46.25
68	2,3,4,6-Tetrachlorophenol	232.00	15.52	166836	48.84
69	Diethyl phthalate	149.00	15.74	645298	46.16
70	Fluorene	166.00	15.87	677908	43.63
71	4-Chlorophenyl phenyl ether	204.00	15.89	323827	46.82
72	4-Nitroaniline	138.00	15.92	154531	44.96
74	4,6-Dinitro-2-methylphenol	198.00	15.97	107135	49.09
75	N-Nitrosodiphenylamine	169.00	16.09	511623	46.33
76	Diphenylamine	169.00	16.09	511623	46.33
77	1,2-Diphenylhydrazine	77.00	16.15	684463	46.29
79	(cis/trans)-Diallate	43.00	16.58	322459	46.22
80	Phenacetin	108.00	16.63	358507	49.46
81	4-Bromophenyl phenyl ether	250.00	16.69	171566	46.81
82	Hexachlorobenzene	284.00	16.76	153666	46.00
83	Atrazine	200.00	17.00	173195	46.90
84	Pentachlorophenol	266.00	17.10	81901	44.58
85	Pentachloronitrobenzene	237.00	17.12	86314	49.49
86	Pronamide (Kerb)	173.00	17.25	249105	46.12
87	Phenanthrene	178.00	17.44	936122	44.11
88	Anthracene	178.00	17.52	954758	43.18
89	Carbazole	167.00	17.80	860925	43.74
90	Di-n-butyl phthalate	149.00	18.43	1102898	47.52
91	4-Nitroquinoline-N-Oxide	190.00	18.73	73248	45.64
92	Isodrin	193.00	19.14	99253	47.25
93	Fluoranthene-d10	212.00	19.36	910084	45.97
94	Fluoranthene	202.00	19.39	1117932	42.90
96	Pyrene	202.00	19.76	1141042	44.24
98	Aramite A	185.00	20.05	77420	23.02
99	Aramite B	185.00	20.17	79708	24.31
100	Chlorobenzilate	251.00	20.37	254259	50.35
101	Butyl benzyl phthalate	149.00	20.88	469529	48.02
102	Di(2-ethylhexyl) adipate	129.00	21.03	509874	48.43
103	Benzo[a]anthracene	228.00	21.72	1073698	46.35
104	Chrysene	228.00	21.78	1017133	43.84
105	Bis(2-Ethylhexyl) phthalate	149.00	21.83	702141	48.94
106	Di-n-octyl phthalate	149.00	22.84	1176901	49.13
108	Benzo[b]fluoranthene	252.00	23.36	965712	46.98
109	Benzo[k]fluoranthene	252.00	23.40	824820	42.11
110	Benzo[a]pyrene	252.00	23.81	754508	46.96
111	Indeno(1,2,3-cd)pyrene	276.00	25.59	613333	49.42
112	3-Methylcholanthrene	268.00	-	---	N.D.
113	Dibenz(a,j)Acridine	279.00	25.28	515720	48.98
114	Dibenzo[a,h]anthracene	278.00	25.63	624439	47.93
115	Benzo[g,h,i]perylene	276.00	26.08	597032	47.08
116	2-Picoline (2-Methylpyridine)	93.00	-	---	N.D.(Peak)
117	N-Nitrosomethylethylamine	88.00	-	---	N.D.(Peak)
118	N-Nitrosodiethylamine	102.00	-	---	N.D.(Peak)
119	n-Decane	57.00	-	---	N.D.(Ref)
120	N-Nitrosopyrrolidine	100.00	-	---	N.D.(Peak)
121	N-Nitrosomorpholine	56.00	-	---	N.D.(Ref)
122	o-Toluidine	106.00	-	---	N.D.(Ref)
123	N-Nitrosopiperidine	114.00	-	---	N.D.(Peak)
124	a,a-Dimethylphenethylamine	58.00	-	---	N.D.(Peak)
125	Alpha-Terpineol	59.00	-	---	N.D.(Ref)
126	p-Phenylenediamine	108.00	-	---	N.D.(Ref)
127	N-Nitrosodi-n-butylamine	84.00	-	---	N.D.(Ref)
128	2,3-Dichloroaniline	161.00	-	---	N.D.
129	1-Naphthylamine	143.00	-	---	N.D.(Ref)
130	2-Naphthylamine	143.00	-	---	N.D.(Ref)
131	5-Nitro-o-Toluidine	152.00	-	---	N.D.(Ref)
132	4-Aminobiphenyl	169.00	-	---	N.D.(Ref)
133	n-Octadecane	57.00	-	---	N.D.(Ref)
134	Benzidine	184.00	-	---	N.D.(Ref)
135	4-Dimethyl aminoazobenzene	120.00	-	---	N.D.(Ref)
136	3,3'-Dimethylbenzidine	212.00	-	---	N.D.(Ref)
137	2-Acetylaminofluorene	181.00	-	---	N.D.(Peak)
138	3,3`-Dichlorobenzidine	252.00	-	---	N.D.(Peak)
139	7,12-Dimethylbenz[a]anthracene	256.00	-	---	N.D.(Ref)

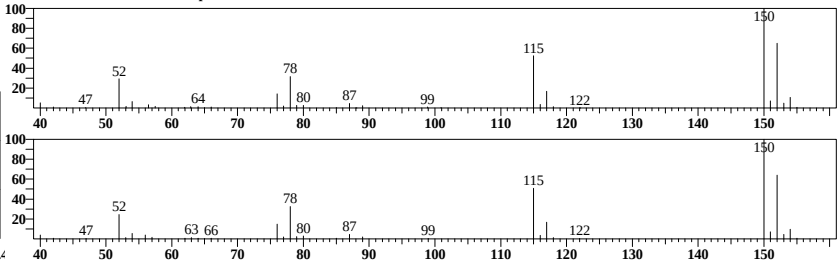

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TIC@2
4.0
10.0
20.0
26.0
min

ID#:1 Name:1,4-Dichlorobenzene-d4 (IS) Type:ISTD Manual Integration Performed
Manual Reason: Split peak. CMN 12/14/2022

Mass:150.00 R.T:9.892 Area:280182 Conc:40.00000ppm
Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	152.00	84959	65.01	65.66
2	115.00	68420	52.35	48.88

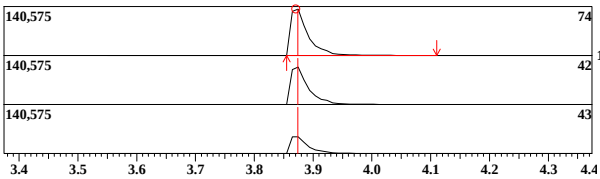


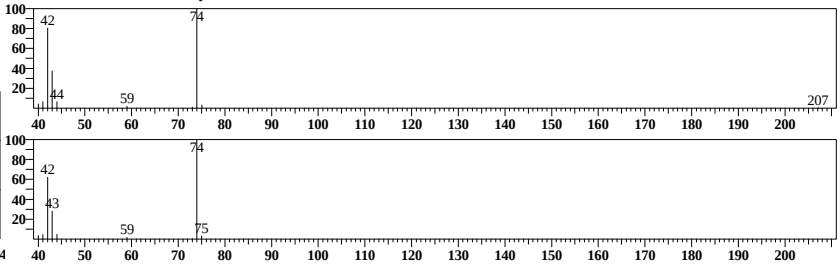


ID#:2 Name:N-Nitrosodimethylamine Type:Target No Manual Integration

Mass:74.00 R.T:3.870 Area:287263 Conc:52.87512ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	42.00	93215	80.39	72.10
2	43.00	43145	37.21	38.30

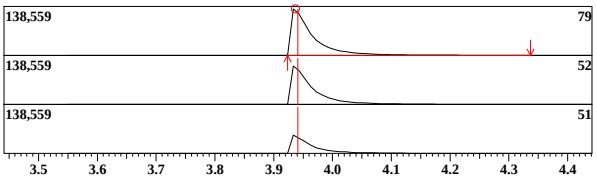


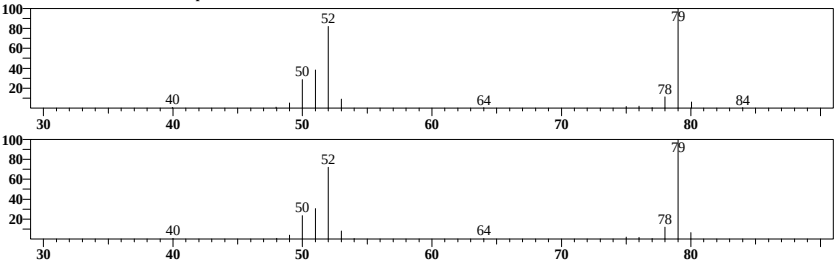


ID#:3 Name:Pyridine Type:Target Manual Integration Performed
Manual Reason: Peak not found. CMN 12/14/2022

Mass:79.00 R.T:3.937 Area:354240 Conc:47.19542ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	52.00	68173	82.13	80.35
2	51.00	31789	38.30	37.95

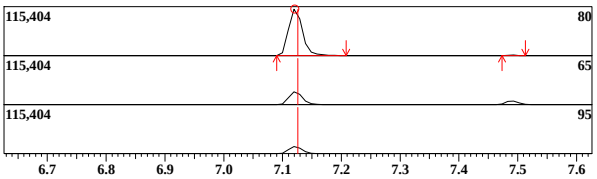


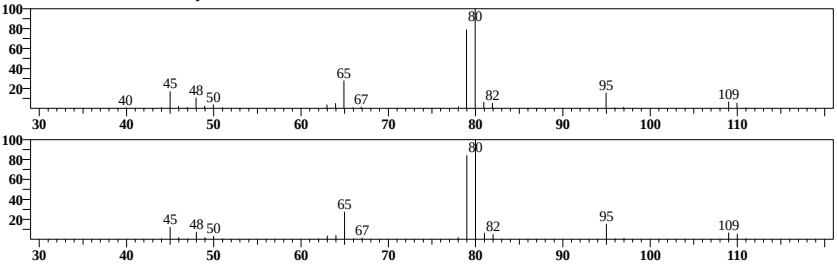


ID#:4 Name:Methyl methanesulfonate Type:Target No Manual Integration

Mass:80.00 R.T:7.121 Area:184041 Conc:49.26130ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	65.00	23738	27.61	35.13
2	95.00	13146	15.29	18.43

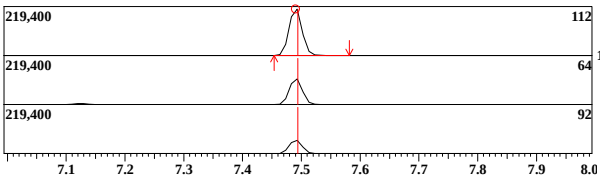


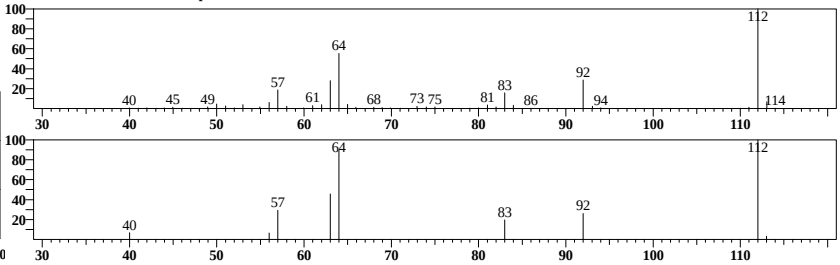


ID#:5 Name:2-Fluorophenol Type:Surrogate/SMC No Manual Integration

Mass:112.00 R.T:7.490 Area:328266 Conc:49.37336ppm
Event:1:Scan SI:85

#	m/z	Area	Ratio	Reference
1	64.00	87671	55.45	72.76
2	92.00	45275	28.63	26.11

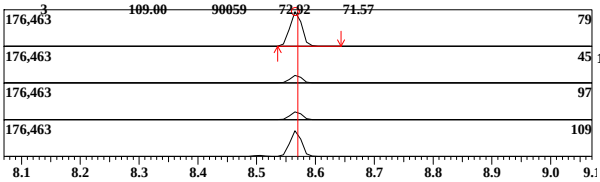


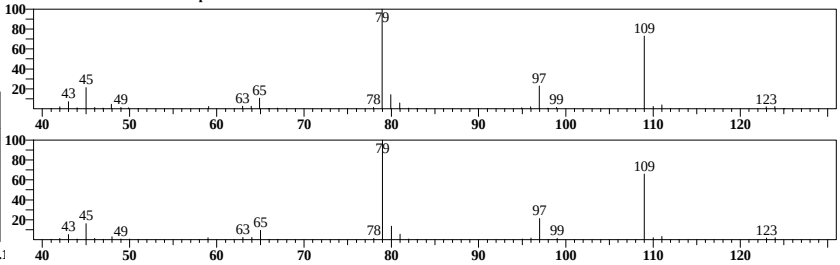


ID#:6 Name:Ethyl methanesulfonate Type:Target No Manual Integration

Mass:79.00 R.T:8.566 Area:242359 Conc:48.02537ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	45.00	26142	21.17	17.15
2	97.00	28264	22.88	24.70
3	109.00	90059	72.92	71.57





ID#:1 R.Time:9.893(Scan#:1291)
MassPeaks:35
RawMode:Averaged 9.883-9.902(1289-1293)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:2 R.Time:3.874(Scan#:67)
MassPeaks:10
RawMode:Averaged 3.865-3.884(65-69)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:3 R.Time:3.934(Scan#:79)
MassPeaks:15
RawMode:Averaged 3.924-3.943(77-81)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:4 R.Time:7.120(Scan#:727)
MassPeaks:25
RawMode:Averaged 7.110-7.129(725-729)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

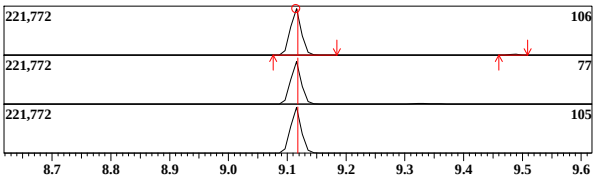
ID#:5 R.Time:7.493(Scan#:803)
MassPeaks:50
RawMode:Averaged 7.483-7.503(801-805)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:6 R.Time:8.565(Scan#:1021)
MassPeaks:34
RawMode:Averaged 8.555-8.575(1019-1023)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:7 Name:Benzaldehyde Type:Target No Manual Integration

Mass:106.00 R.T:9.114 Area:275945 Conc:49.32729ppm
Event:1:Scan SI:98

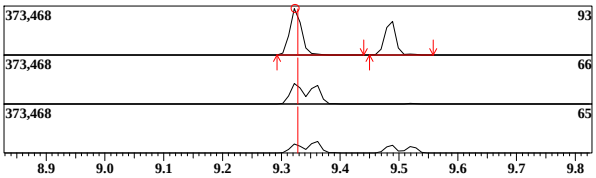
#	m/z	Area	Ratio	Reference
1	77.00	129237	90.41	85.00
2	105.00	138727	97.05	96.78



ID#:8 Name:Aniline Type:Target No Manual Integration

Mass:93.00 R.T:9.324 Area:502981 Conc:47.68229ppm
Event:1:Scan SI:73

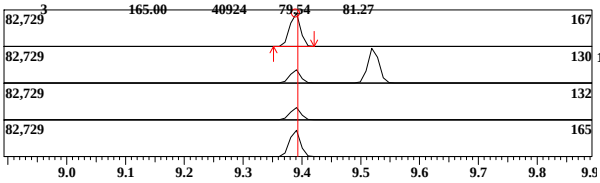
#	m/z	Area	Ratio	Reference
1	66.00	114083	45.52	46.22
2	65.00	49797	19.87	22.48



ID#:9 Name:Pentachloroethane Type:Target No Manual Integration

Mass:167.00 R.T:9.389 Area:98160 Conc:47.61042ppm
Event:1:Scan SI:98

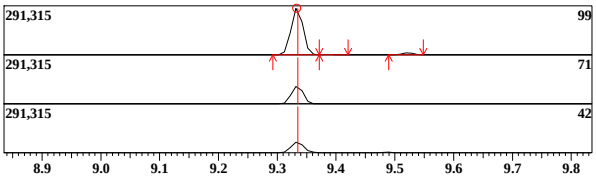
#	m/z	Area	Ratio	Reference
1	130.00	20037	38.95	38.70
2	132.00	18917	36.77	34.68
3	165.00	40924	79.54	81.27



ID#:10 Name:Phenol-d6 Type:Surrogate/SMC No Manual Integration

Mass:99.00 R.T:9.333 Area:396300 Conc:49.72785ppm
Event:1:Scan SI:70

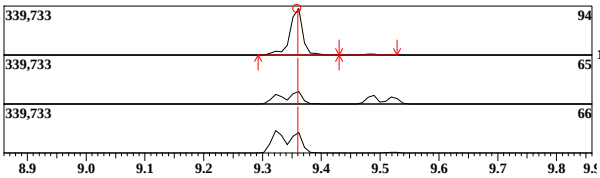
#	m/z	Area	Ratio	Reference
1	71.00	76352	37.88	35.02
2	42.00	47396	23.51	16.82



ID#:11 Name:Phenol Type:Target No Manual Integration

Mass:94.00 R.T:9.358 Area:495051 Conc:50.04479ppm
Event:1:Scan SI:98

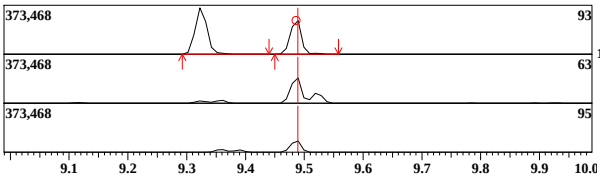
#	m/z	Area	Ratio	Reference
1	65.00	61535	27.43	31.65
2	66.00	99490	44.35	40.72



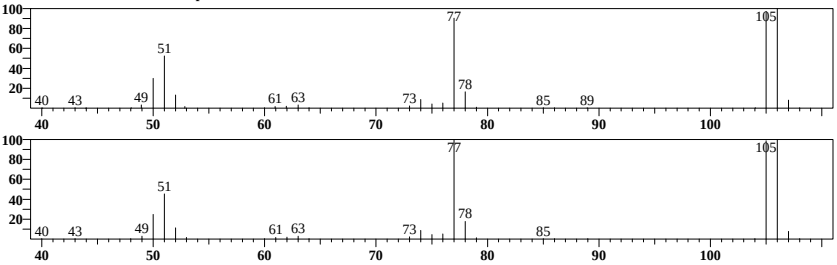
ID#:12 Name:bis(2-Chloroethyl)Ether Type:Target No Manual Integration

Mass:93.00 R.T:9.486 Area:351925 Conc:47.64185ppm
Event:1:Scan SI:92

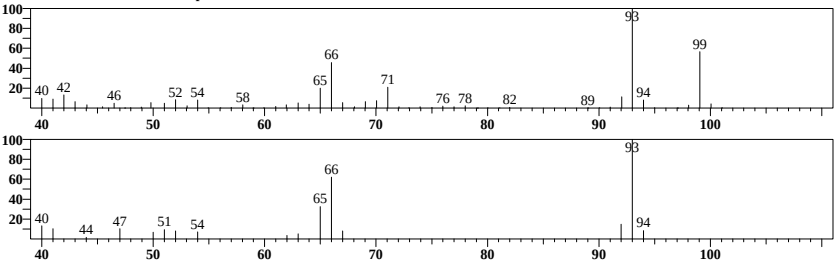
#	m/z	Area	Ratio	Reference
1	63.00	130221	74.31	95.54
2	95.00	58153	33.19	33.05



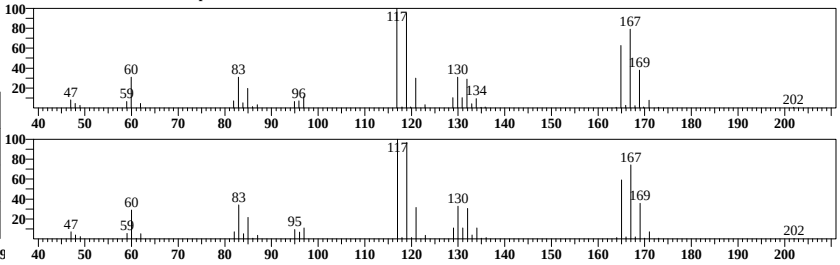
ID#:7 R.Time:9.116(Scan#:1133)
MassPeaks:29
RawMode:Averaged 9.106-9.126(1131-1135)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



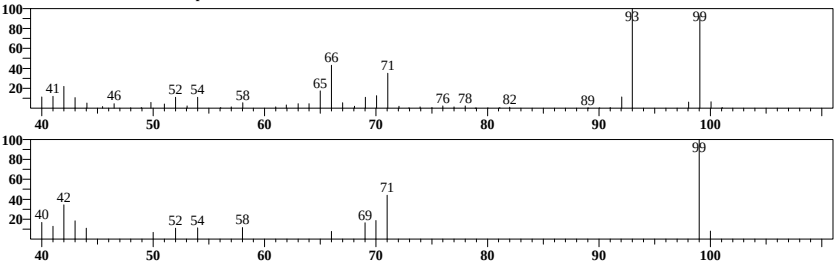
ID#:8 R.Time:9.322(Scan#:1175)
MassPeaks:55
RawMode:Averaged 9.312-9.332(1173-1177)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



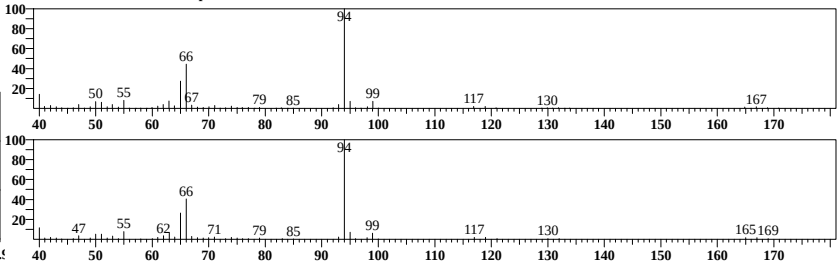
ID#:9 R.Time:9.391(Scan#:1189)
MassPeaks:39
RawMode:Averaged 9.381-9.401(1187-1191)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



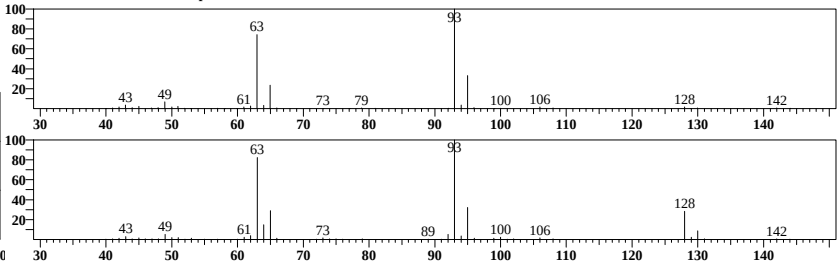
ID#:10 R.Time:9.332(Scan#:1177)
MassPeaks:48
RawMode:Averaged 9.322-9.342(1175-1179)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:11 R.Time:9.362(Scan#:1183)
MassPeaks:67
RawMode:Averaged 9.352-9.371(1181-1185)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



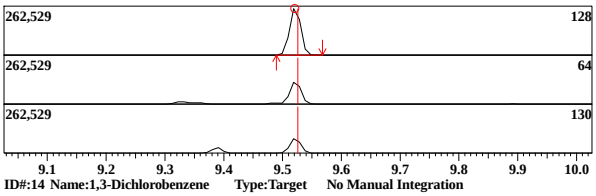
ID#:12 R.Time:9.489(Scan#:1209)
MassPeaks:40
RawMode:Averaged 9.479-9.499(1207-1211)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:13 Name:2-Chlorophenol Type:Target No Manual Integration

Mass:128.00 R.T:9.521 Area:342817 Conc:48.92809ppm
Event:1:Scan SI:84

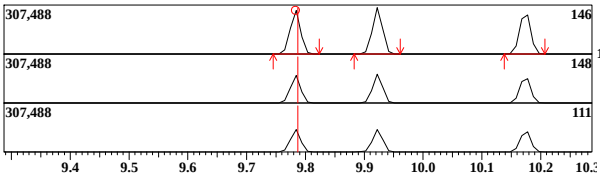
#	m/z	Area	Ratio	Reference
1	64.00	80370	45.19	65.60
2	130.00	54825	30.83	31.89



ID#:14 Name:1,3-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.783 Area:345258 Conc:48.14143ppm
Event:1:Scan SI:93

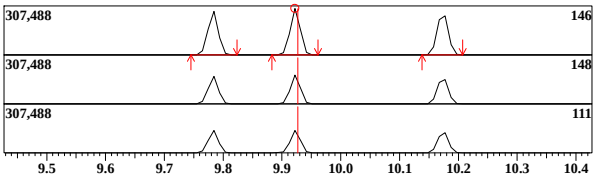
#	m/z	Area	Ratio	Reference
1	148.00	113624	62.36	64.92
2	111.00	92626	50.83	55.28



ID#:15 Name:1,4-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.922 Area:359197 Conc:48.97235ppm
Event:1:Scan SI:92

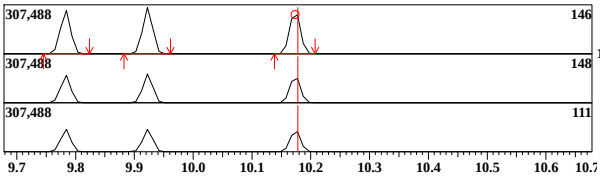
#	m/z	Area	Ratio	Reference
1	148.00	118901	61.92	66.17
2	111.00	93410	48.64	47.39



ID#:16 Name:1,2-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:10.174 Area:348486 Conc:49.32472ppm
Event:1:Scan SI:98

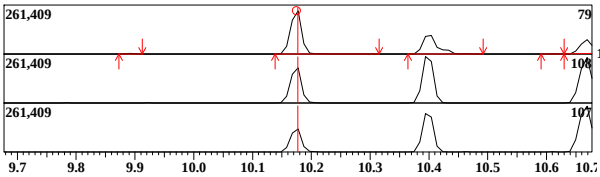
#	m/z	Area	Ratio	Reference
1	148.00	110244	61.99	65.19
2	111.00	89251	50.18	55.22



ID#:17 Name:Benzyl Alcohol Type:Target No Manual Integration

Mass:79.00 R.T:10.175 Area:315218 Conc:51.20339ppm
Event:1:Scan SI:95

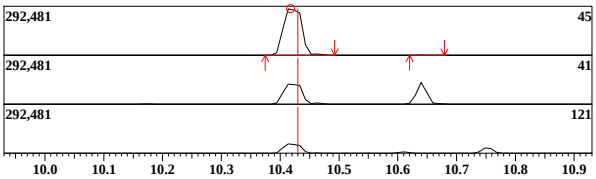
#	m/z	Area	Ratio	Reference
1	108.00	129299	82.68	85.77
2	107.00	84751	54.20	58.74



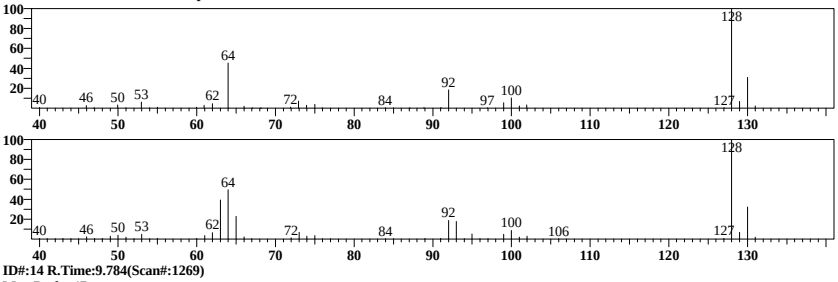
ID#:18 Name:bis(2-Chloroisopropyl) Ether Type:Target No Manual Integration

Mass:45.00 R.T:10.418 Area:621991 Conc:48.63382ppm
Event:1:Scan SI:67

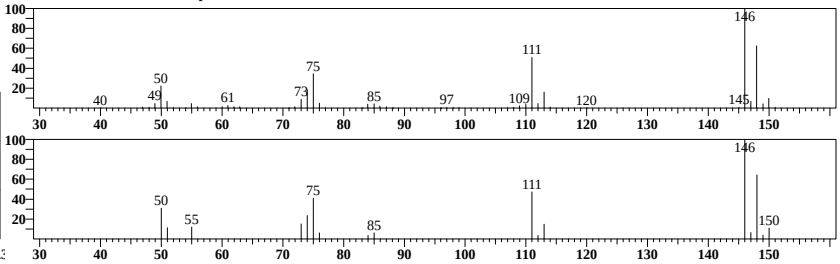
#	m/z	Area	Ratio	Reference
1	41.00	101795	43.70	39.13
2	121.00	47186	20.26	18.18



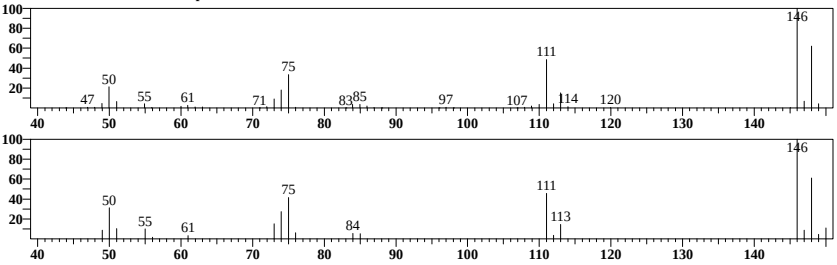
ID#:13 R.Time:9.519(Scan#:1215)
MassPeaks:36
RawMode:Averaged 9.509-9.529(1213-1217)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



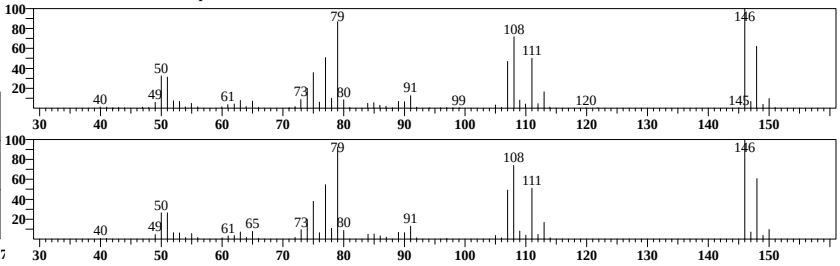
ID#:14 R.Time:9.784(Scan#:1269)
MassPeaks:47
RawMode:Averaged 9.774-9.794(1267-1271)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



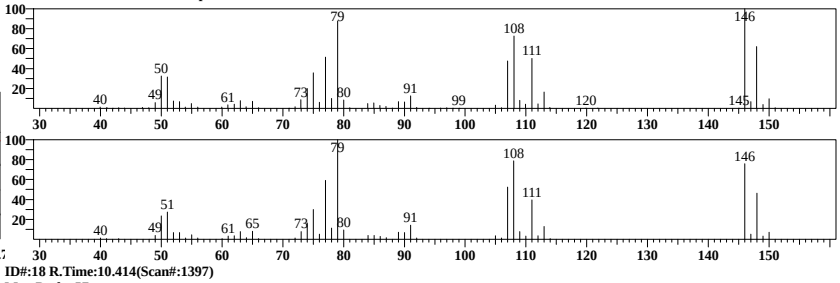
ID#:15 R.Time:9.922(Scan#:1297)
MassPeaks:41
RawMode:Averaged 9.912-9.932(1295-1299)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



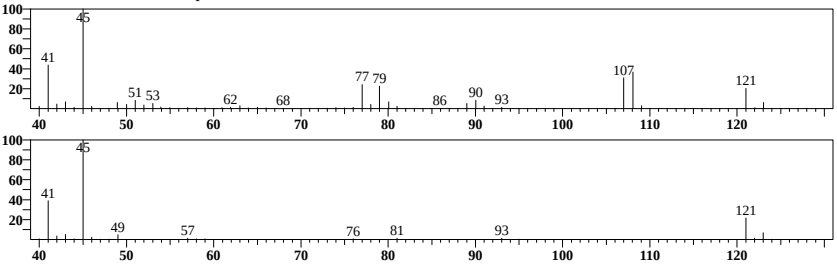
ID#:16 R.Time:10.178(Scan#:1349)
MassPeaks:66
RawMode:Averaged 10.168-10.188(1347-1351)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:17 R.Time:10.178(Scan#:1349)
MassPeaks:66
RawMode:Averaged 10.168-10.188(1347-1351)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



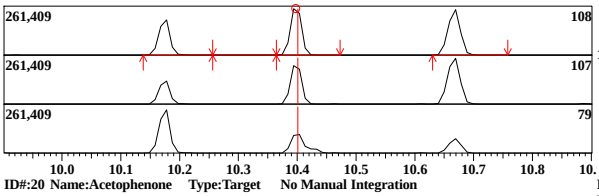
ID#:18 R.Time:10.414(Scan#:1397)
MassPeaks:57
RawMode:Averaged 10.404-10.424(1395-1399)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



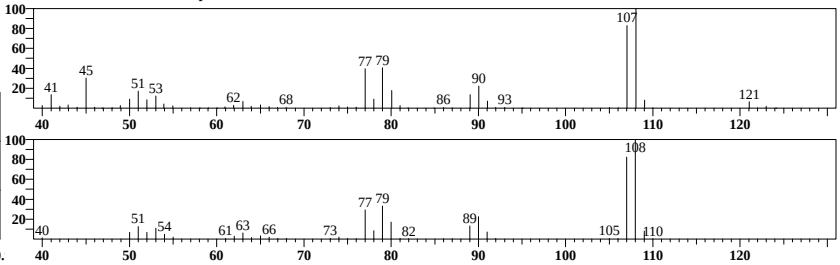
ID#:19 Name:2-Methylphenol (o-Cresol) Type:Target No Manual Integration

Mass:108.00 R.T:10.398 Area:345695 Conc:49.50957ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	107.00	148615	82.87	84.56
2	79.00	72595	40.48	35.28



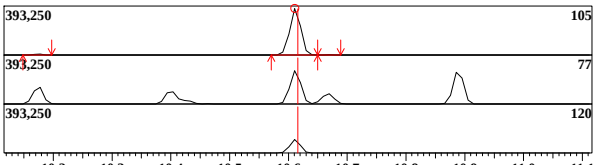
ID#:19 R.Time:10.394(Scan#:1393)
MassPeaks:57
RawMode:Averaged 10.384-10.404(1391-1395)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



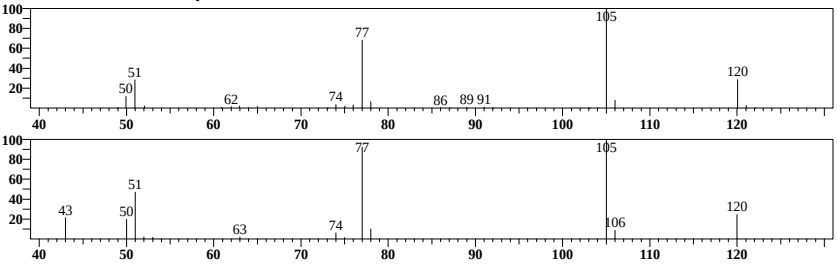
ID#:20 Name:Acetophenone Type:Target No Manual Integration

Mass:105.00 R.T:10.611 Area:499862 Conc:48.67926ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	77.00	176448	68.07	73.31
2	120.00	74174	28.62	24.48



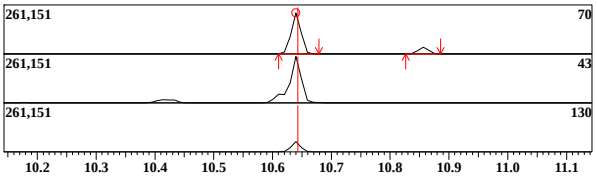
ID#:20 R.Time:10.610(Scan#:1437)
MassPeaks:27
RawMode:Averaged 10.601-10.620(1435-1439)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



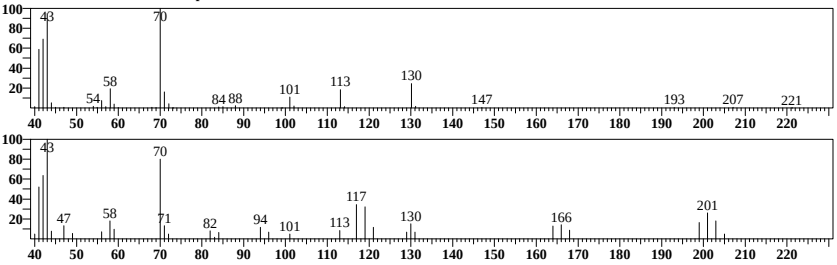
ID#:21 Name:N-Nitrosodi-n-propylamine Type:Target No Manual Integration

Mass:70.00 R.T:10.640 Area:259656 Conc:49.18959ppm
Event:1:Scan SI:73

#	m/z	Area	Ratio	Reference
1	43.00	132400	94.71	109.00
2	130.00	33964	24.30	17.19



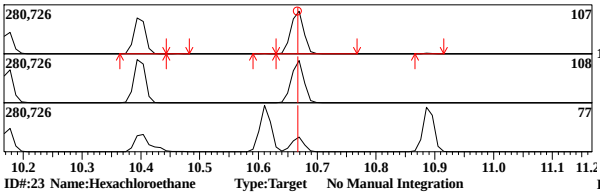
ID#:21 R.Time:10.640(Scan#:1443)
MassPeaks:34
RawMode:Averaged 10.630-10.650(1441-1445)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



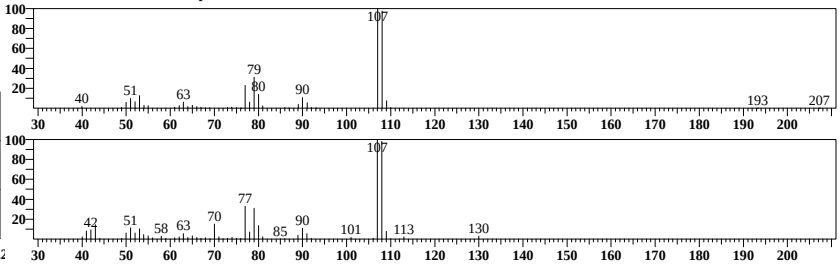
ID#:22 Name:3+4-Methylphenol(m&p-Cresol) Type:Target No Manual Integration

Mass:107.00 R.T:10.667 Area:379986 Conc:50.71971ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	108.00	179059	97.27	95.43
2	77.00	42165	22.91	31.91



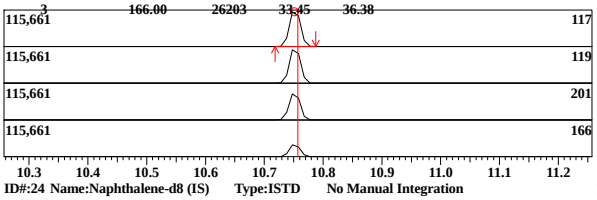
ID#:22 R.Time:10.669(Scan#:1449)
MassPeaks:39
RawMode:Averaged 10.660-10.679(1447-1451)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



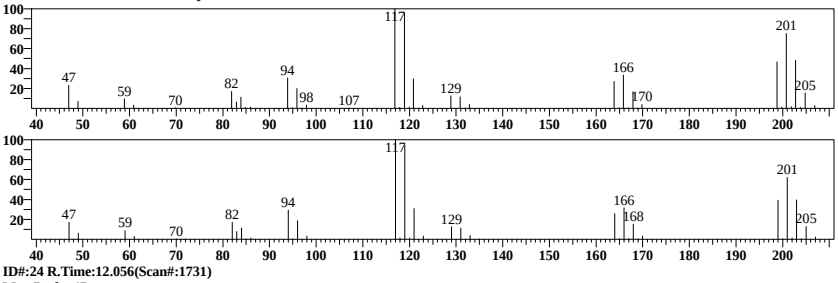
ID#:23 Name:Hexachloroethane Type:Target No Manual Integration

Mass:117.00 R.T:10.752 Area:151912 Conc:49.11782ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	119.00	75028	95.77	92.41
2	201.00	58855	75.13	78.73
3	166.00	26203	33.45	36.38



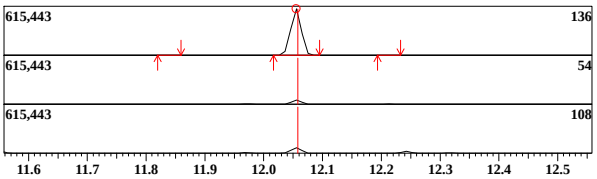
ID#:23 R.Time:10.748(Scan#:1465)
MassPeaks:42
RawMode:Averaged 10.738-10.758(1463-1467)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



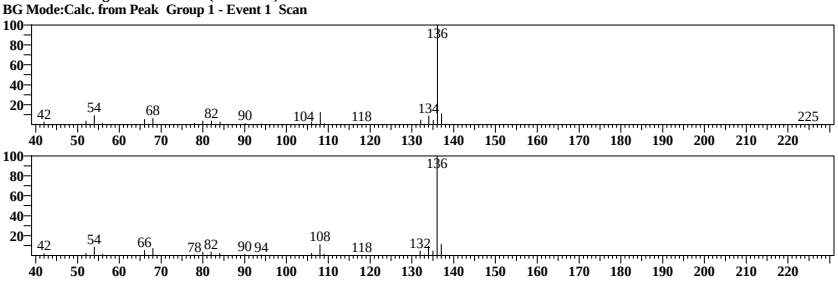
ID#:24 Name:Naphthalene-d8 (IS) Type:ISTD No Manual Integration

Mass:136.00 R.T:12.055 Area:745003 Conc:40.00000ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	54.00	36132	9.15	11.97
2	108.00	48539	12.30	12.20



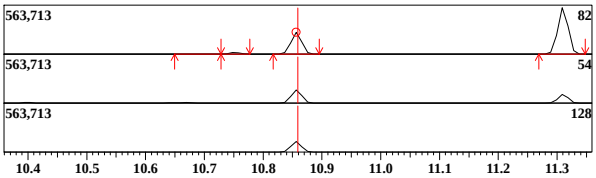
ID#:24 R.Time:12.056(Scan#:1731)
MassPeaks:47
RawMode:Averaged 12.046-12.066(1729-1733)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



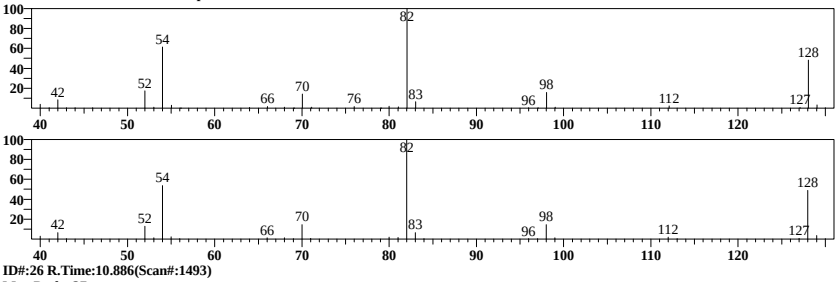
ID#:25 Name:Nitrobenzene-d5 Type:Surrogate/SMC No Manual Integration

Mass:82.00 R.T:10.856 Area:327930 Conc:47.29716ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	54.00	105756	61.49	65.85
2	128.00	83000	48.26	43.44



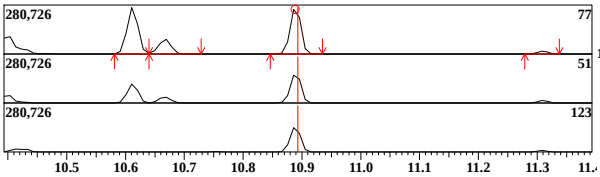
ID#:25 R.Time:10.856(Scan#:1487)
MassPeaks:32
RawMode:Averaged 10.846-10.866(1485-1489)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



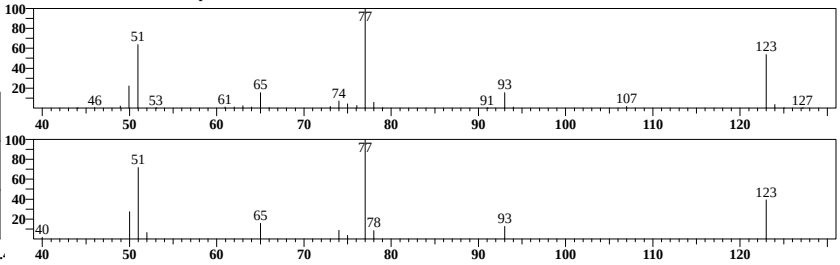
ID#:26 Name:Nitrobenzene Type:Target No Manual Integration

Mass:77.00 R.T:10.888 Area:340884 Conc:46.76276ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	51.00	113716	63.52	61.12
2	123.00	96369	53.83	46.32



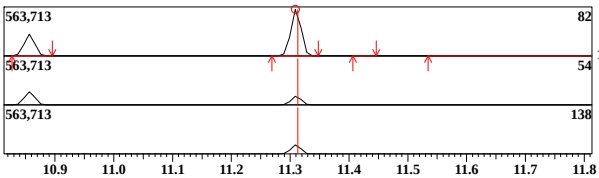
ID#:26 R.Time:10.886(Scan#:1493)
MassPeaks:27
RawMode:Averaged 10.876-10.896(1491-1495)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



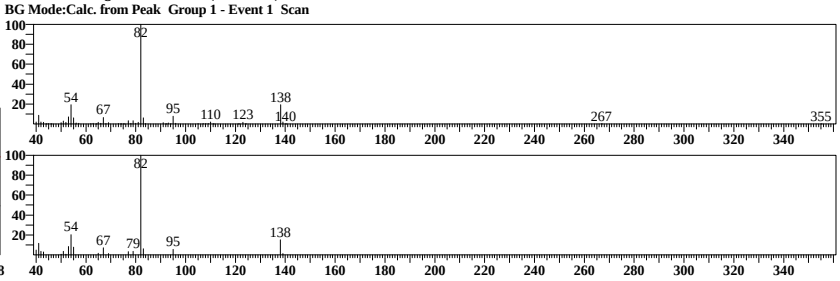
ID#:27 Name:Isophorone Type:Target No Manual Integration

Mass:82.00 R.T:11.309 Area:675976 Conc:47.08345ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	54.00	68860	19.20	19.87
2	138.00	69428	19.36	14.87



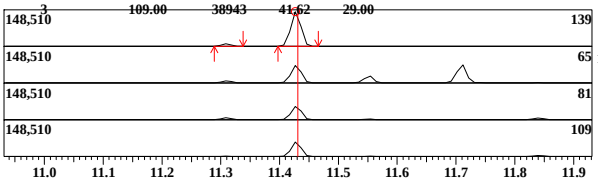
ID#:27 R.Time:11.309(Scan#:1579)
MassPeaks:54
RawMode:Averaged 11.299-11.318(1577-1581)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



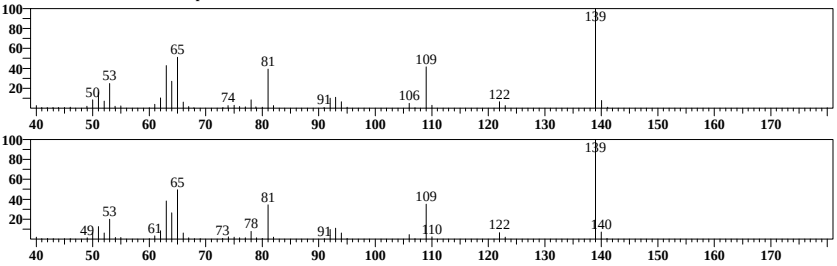
ID#:28 Name:2-Nitrophenol Type:Target No Manual Integration

Mass:139.00 R.T:11.427 Area:175679 Conc:49.16347ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	65.00	47875	51.16	55.00
2	81.00	36744	39.27	33.00
3	109.00	38943	41.62	29.00



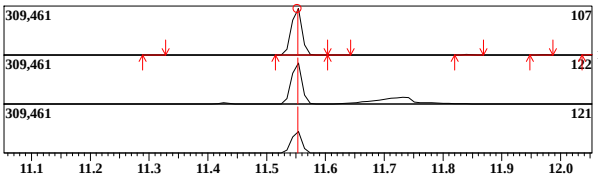
ID#:28 R.Time:11.427(Scan#:1603)
MassPeaks:48
RawMode:Averaged 11.417-11.436(1601-1605)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



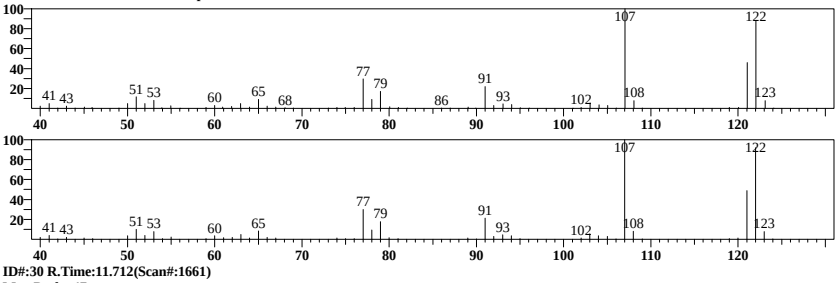
ID#:29 Name:2,4-Dimethylphenol Type:Target No Manual Integration

Mass:107.00 R.T:11.552 Area:370956 Conc:47.55928ppm
Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	122.00	170912	88.34	82.87
2	121.00	89259	46.13	42.24



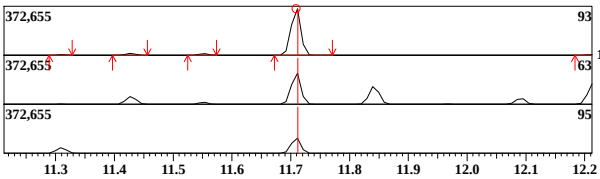
ID#:29 R.Time:11.554(Scan#:1629)
MassPeaks:61
RawMode:Averaged 11.544-11.564(1627-1631)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



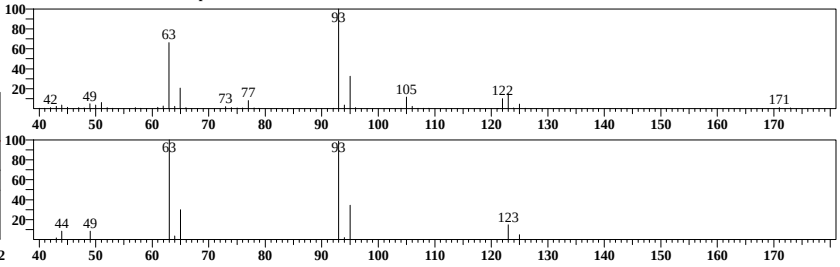
ID#:30 Name:Bis(2-Chloroethoxy)methane Type:Target No Manual Integration

Mass:93.00 R.T:11.710 Area:424112 Conc:46.55361ppm
Event:1:Scan SI:85

#	m/z	Area	Ratio	Reference
1	63.00	149796	66.27	85.08
2	95.00	73202	32.38	33.16



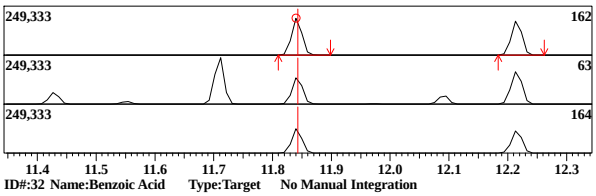
ID#:30 R.Time:11.712(Scan#:1661)
MassPeaks:47
RawMode:Averaged 11.702-11.722(1659-1663)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:31 Name:2,4-Dichlorophenol Type:Target No Manual Integration

Mass:162.00 R.T:11.840 Area:237387 Conc:48.65296ppm
Event:1:Scan SI:98

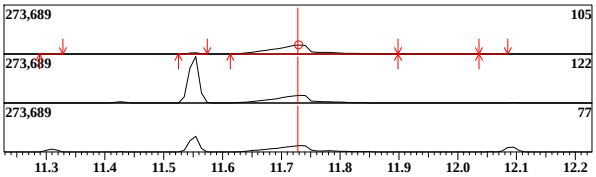
#	m/z	Area	Ratio	Reference
1	63.00	91226	73.07	59.00
2	164.00	82032	65.70	65.54



ID#:32 Name:Benzoic Acid Type:Target No Manual Integration

Mass:105.00 R.T:11.730 Area:249884 Conc:50.73814ppm
Event:1:Scan SI:77

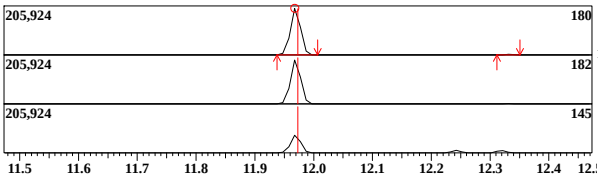
#	m/z	Area	Ratio	Reference
1	122.00	40641	84.13	76.85
2	77.00	34595	71.61	75.23



ID#:33 Name:1,2,4-Trichlorobenzene Type:Target No Manual Integration

Mass:180.00 R.T:11.968 Area:242202 Conc:46.89651ppm
Event:1:Scan SI:97

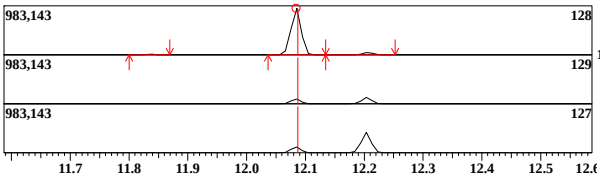
#	m/z	Area	Ratio	Reference
1	182.00	121076	94.33	91.21
2	145.00	49650	38.68	29.06



ID#:34 Name:Naphthalene Type:Target No Manual Integration

Mass:128.00 R.T:12.084 Area:1140037 Conc:44.71468ppm
Event:2:SIM SI:94

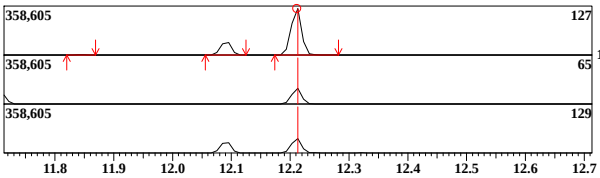
#	m/z	Area	Ratio	Reference
1	129.00	65149	10.72	10.48
2	127.00	76791	12.63	13.97



ID#:35 Name:4-Chloroaniline Type:Target No Manual Integration

Mass:127.00 R.T:12.211 Area:433364 Conc:48.37913ppm
Event:1:Scan SI:97

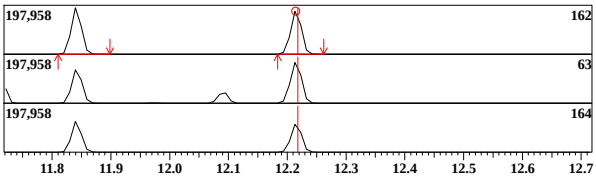
#	m/z	Area	Ratio	Reference
1	65.00	74703	33.28	45.58
2	129.00	70006	31.19	30.27



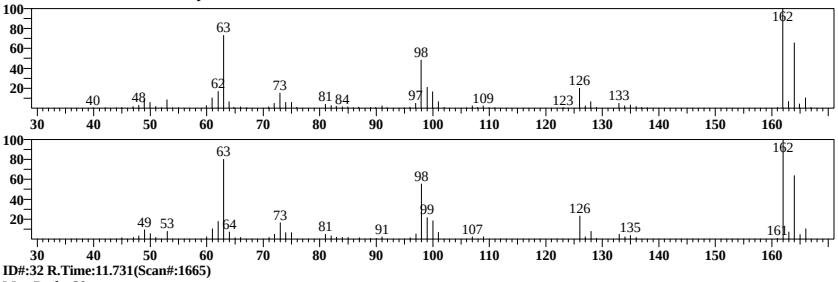
ID#:36 Name:2,6-Dichlorophenol Type:Target No Manual Integration

Mass:162.00 R.T:12.215 Area:229961 Conc:47.92547ppm
Event:1:Scan SI:97

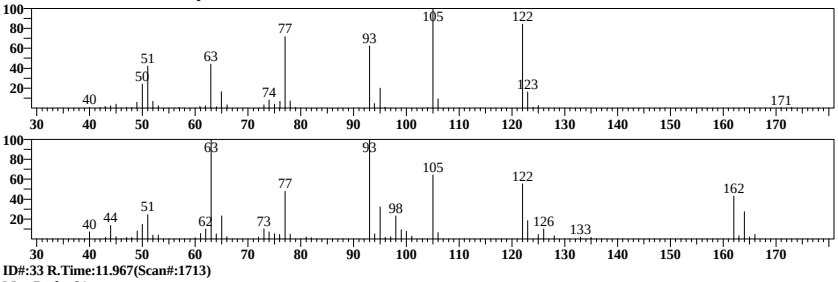
#	m/z	Area	Ratio	Reference
1	63.00	117972	97.71	88.00
2	164.00	78684	65.17	62.85



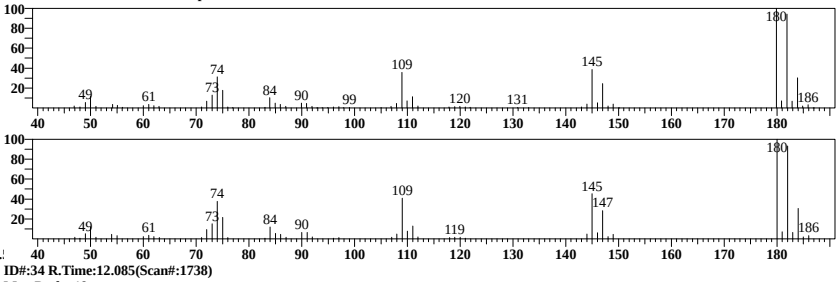
ID#:31 R.Time:11.839(Scan#:1687)
MassPeaks:70
RawMode:Averaged 11.830-11.849(1685-1689)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



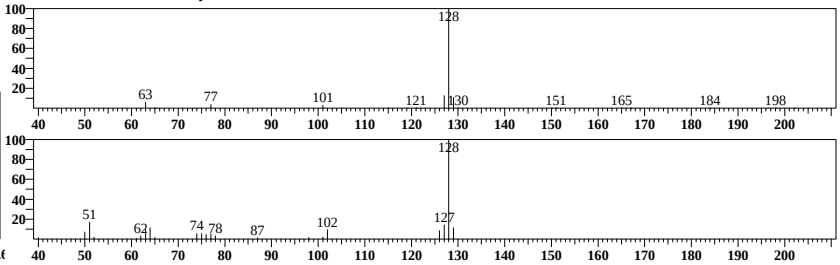
ID#:32 R.Time:11.731(Scan#:1665)
MassPeaks:39
RawMode:Averaged 11.722-11.741(1663-1667)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



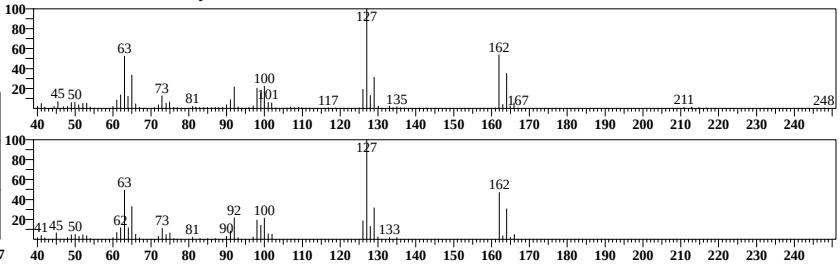
ID#:33 R.Time:11.967(Scan#:1713)
MassPeaks:64
RawMode:Averaged 11.958-11.977(1711-1715)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



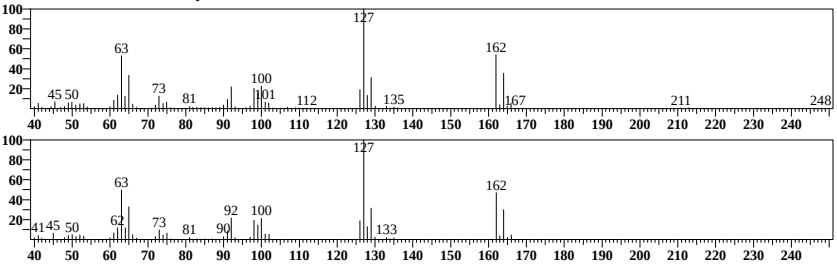
ID#:34 R.Time:12.085(Scan#:1738)
MassPeaks:19
RawMode:Averaged 12.076-12.095(1736-1740)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



ID#:35 R.Time:12.213(Scan#:1763)
MassPeaks:93
RawMode:Averaged 12.203-12.223(1761-1765)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



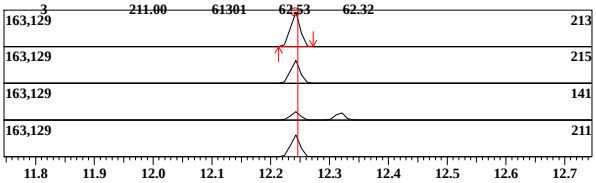
ID#:36 R.Time:12.213(Scan#:1763)
MassPeaks:93
RawMode:Averaged 12.203-12.223(1761-1765)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:37 Name:Hexachloropropene Type:Target No Manual Integration

Mass:213.00 R.T:12.242 Area:181457 Conc:47.99643ppm
Event:1:Scan SI:97

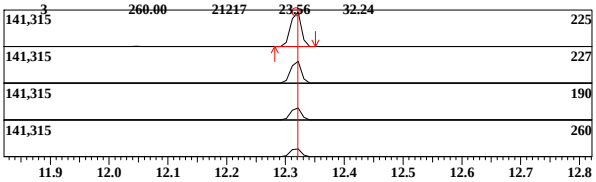
#	m/z	Area	Ratio	Reference
1	215.00	64175	65.46	64.65
2	141.00	23728	24.20	22.52
3	211.00	61301	62.53	62.32



ID#:38 Name:Hexachlorobutadiene Type:Target No Manual Integration

Mass:225.00 R.T:12.318 Area:170395 Conc:48.04614ppm
Event:1:Scan SI:90

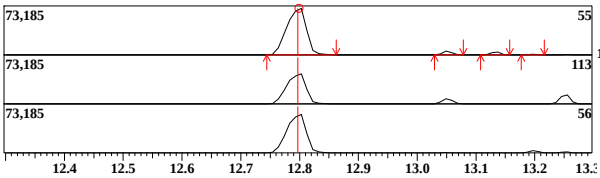
#	m/z	Area	Ratio	Reference
1	227.00	56365	62.59	64.03
2	190.00	31461	34.94	38.21
3	260.00	21217	23.56	32.24



ID#:39 Name:Caprolactam Type:Target No Manual Integration

Mass:55.00 R.T:12.799 Area:164579 Conc:48.90724ppm
Event:1:Scan SI:97

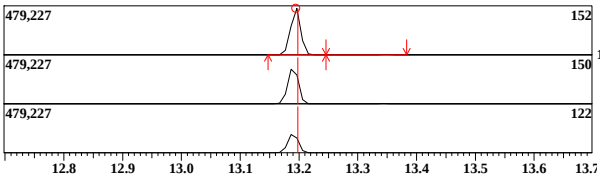
#	m/z	Area	Ratio	Reference
1	113.00	36185	63.43	78.00
2	56.00	46576	81.65	79.15



ID#:40 Name:2-Methylnaphthalene-d10 Type:Target No Manual Integration

Mass:152.00 R.T:13.195 Area:553146 Conc:46.70227ppm
Event:2:SIM SI:98

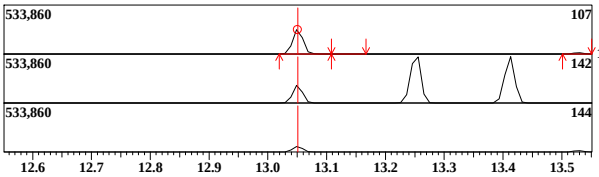
#	m/z	Area	Ratio	Reference
1	150.00	221555	75.59	58.54
2	122.00	116050	39.60	46.34



ID#:41 Name:4-Chloro-3-methylphenol Type:Target No Manual Integration

Mass:107.00 R.T:13.051 Area:343728 Conc:48.28640ppm
Event:1:Scan SI:98

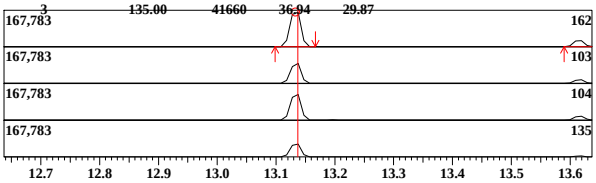
#	m/z	Area	Ratio	Reference
1	142.00	126796	70.88	60.24
2	144.00	40961	22.90	18.55



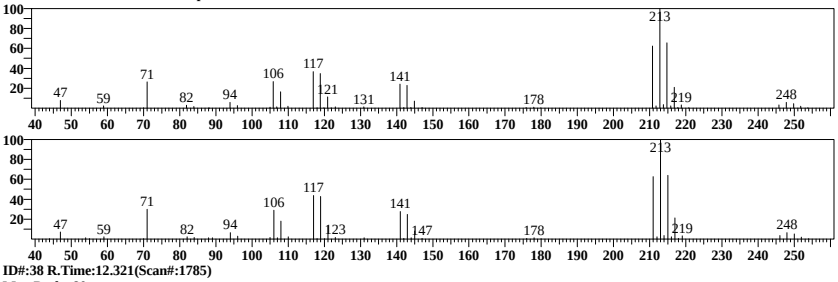
ID#:42 Name:Safrole Type:Target No Manual Integration

Mass:162.00 R.T:13.133 Area:219113 Conc:46.00093ppm
Event:1:Scan SI:98

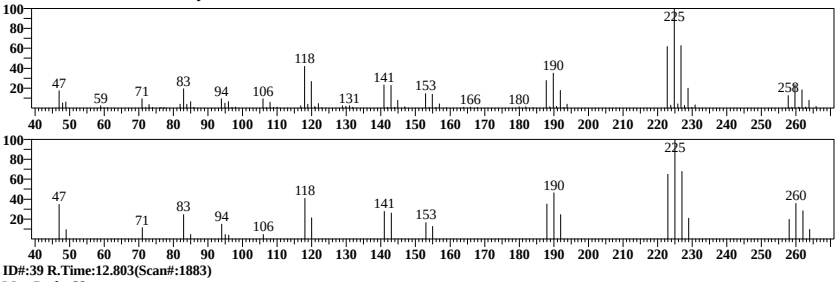
#	m/z	Area	Ratio	Reference
1	103.00	62487	55.40	50.38
2	104.00	81755	72.48	67.22
3	135.00	41660	36.94	29.87



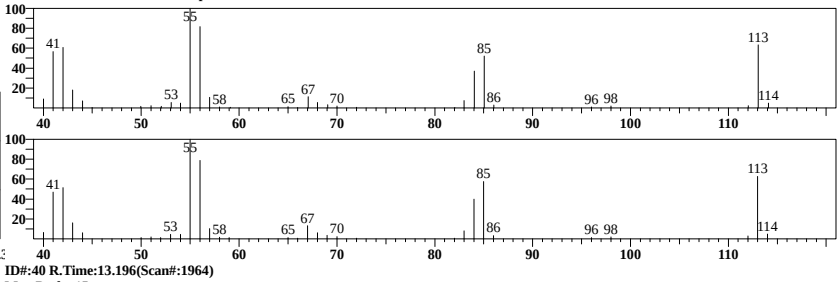
ID#:37 R.Time:12.243(Scan#:1769)
MassPeaks:46
RawMode:Averaged 12.233-12.253(1767-1771)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



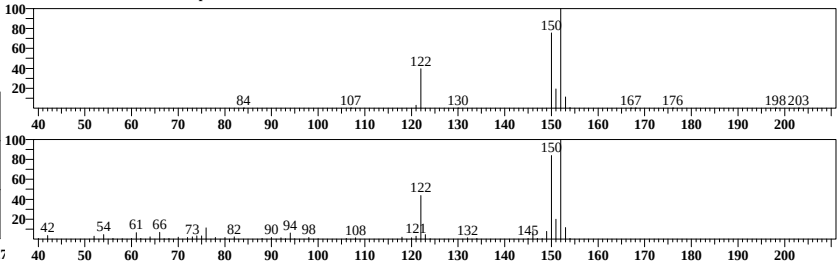
ID#:38 R.Time:12.321(Scan#:1785)
MassPeaks:80
RawMode:Averaged 12.312-12.331(1783-1787)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



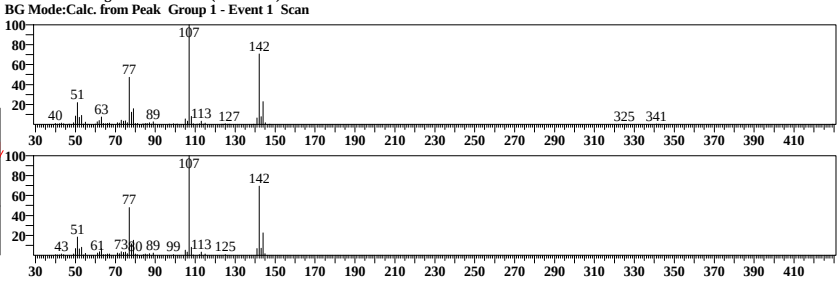
ID#:39 R.Time:12.803(Scan#:1883)
MassPeaks:33
RawMode:Averaged 12.793-12.813(1881-1885)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



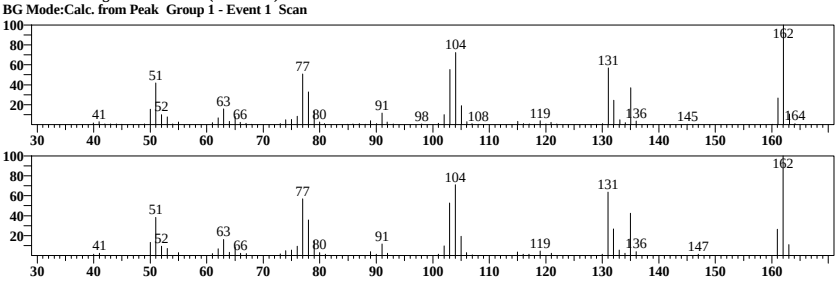
ID#:40 R.Time:13.196(Scan#:1964)
MassPeaks:15
RawMode:Averaged 13.187-13.206(1962-1966)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



ID#:41 R.Time:13.049(Scan#:1933)
MassPeaks:71
RawMode:Averaged 13.039-13.059(1931-1935)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



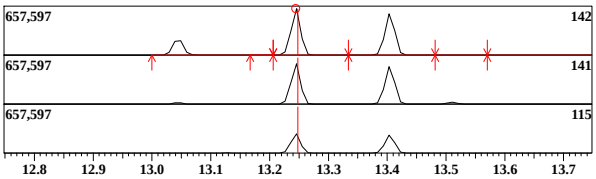
ID#:42 R.Time:13.137(Scan#:1951)
MassPeaks:71
RawMode:Averaged 13.128-13.147(1949-1953)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



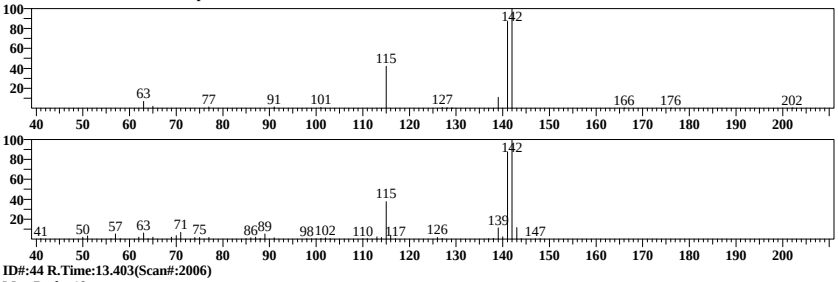
ID#:43 Name:2-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.245 Area:724491 Conc:44.59214ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	141.00	338444	87.16	68.04
2	115.00	163642	42.14	50.52



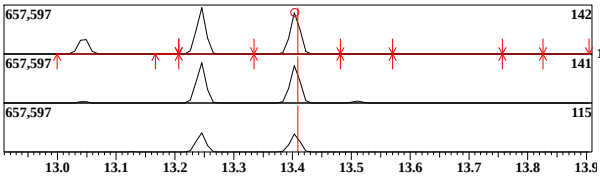
ID#:43 R.Time:13.246(Scan#:1974)
MassPeaks:15
RawMode:Averaged 13.236-13.256(1972-1976)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



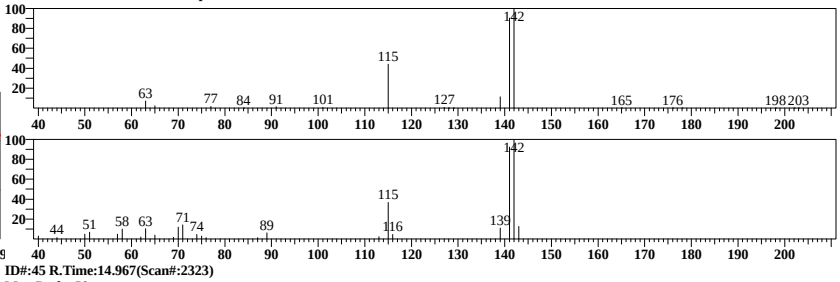
ID#:44 Name:1-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.404 Area:681994 Conc:44.25427ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	141.00	329001	90.21	72.83
2	115.00	160260	43.94	32.61



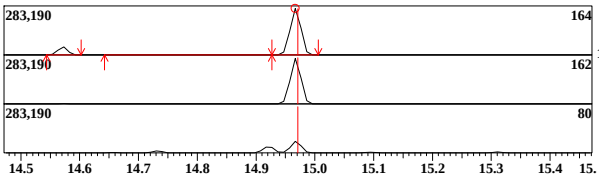
ID#:44 R.Time:13.403(Scan#:2006)
MassPeaks:19
RawMode:Averaged 13.393-13.413(2004-2008)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



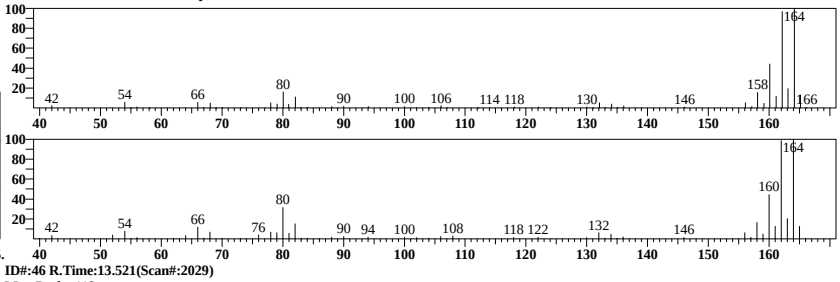
ID#:45 Name:Acenaphthene-d10 (IS) Type:ISTD No Manual Integration

Mass:164.00 R.T:14.967 Area:352102 Conc:40.00000ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	162.00	180135	96.62	95.44
2	80.00	29987	16.09	29.92



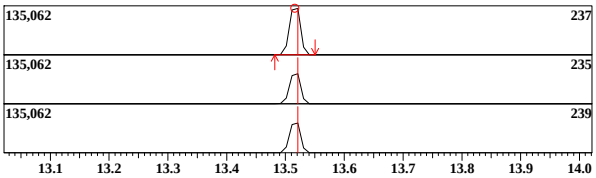
ID#:45 R.Time:14.967(Scan#:2323)
MassPeaks:50
RawMode:Averaged 14.957-14.976(2321-2325)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



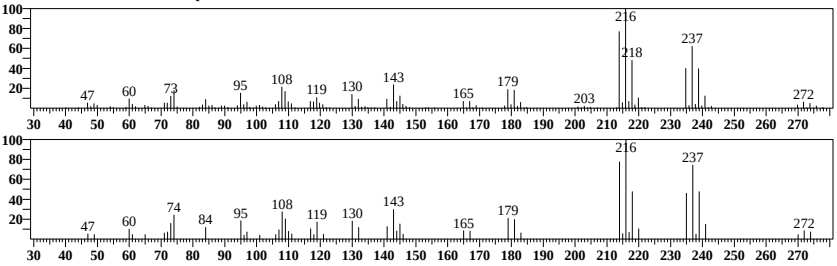
ID#:46 Name:Hexachlorocyclopentadiene Type:Target No Manual Integration

Mass:237.00 R.T:13.516 Area:177799 Conc:45.67047ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	235.00	58629	64.26	58.98
2	239.00	58111	63.69	65.78



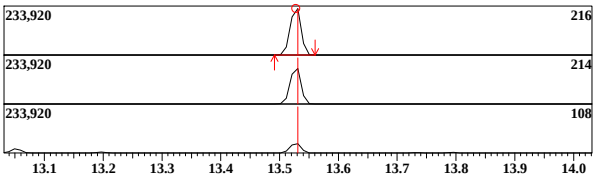
ID#:46 R.Time:13.521(Scan#:2029)
MassPeaks:118
RawMode:Averaged 13.511-13.531(2027-2031)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



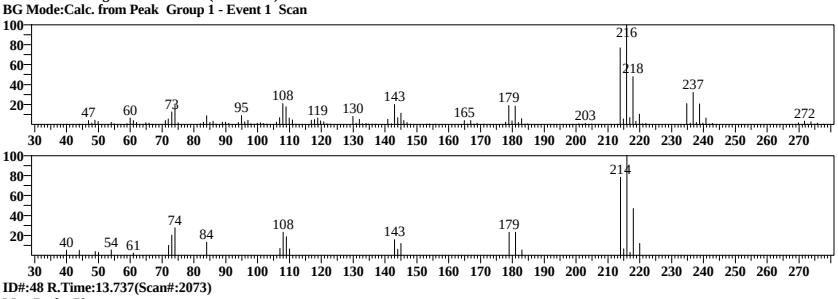
ID#:47 Name:1,2,4,5-Tetrachlorobenzene Type:Target No Manual Integration

Mass:216.00 R.T:13.528 Area:297406 Conc:47.43656ppm
Event:1:Scan SI:80

#	m/z	Area	Ratio	Reference
1	214.00	118033	76.75	78.02
2	108.00	32114	20.88	22.55



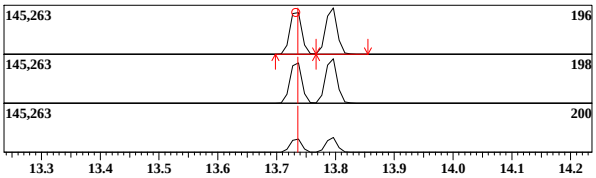
ID#:47 R.Time:13.531(Scan#:2031)
MassPeaks:118
RawMode:Averaged 13.521-13.541(2029-2033)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



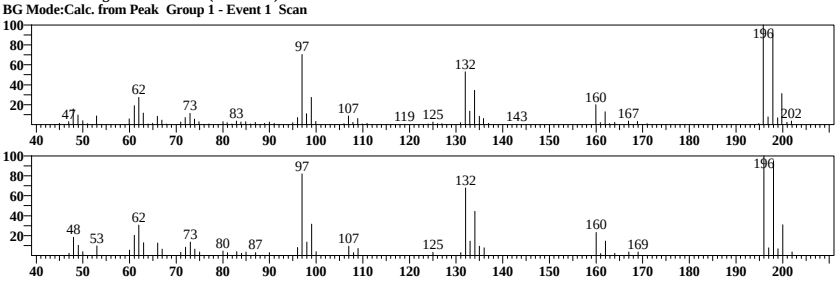
ID#:48 Name:2,4,6-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.733 Area:180338 Conc:48.64297ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	198.00	85855	95.31	94.42
2	200.00	28142	31.24	32.47



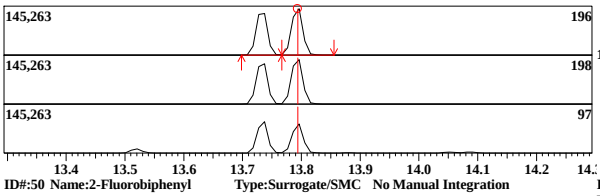
ID#:48 R.Time:13.737(Scan#:2073)
MassPeaks:79
RawMode:Averaged 13.727-13.747(2071-2075)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:49 Name:2,4,5-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.793 Area:191172 Conc:47.31789ppm
Event:1:Scan SI:97

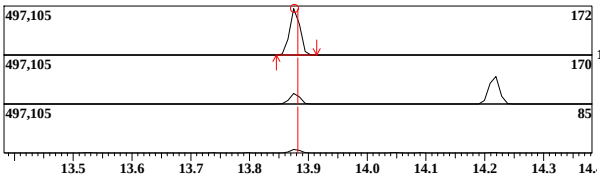
#	m/z	Area	Ratio	Reference
1	198.00	94507	97.40	97.81
2	97.00	60278	62.12	65.15



ID#:50 Name:2-Fluorobiphenyl Type:Surrogate/SMC No Manual Integration

Mass:172.00 R.T:13.877 Area:587303 Conc:46.00025ppm
Event:1:Scan SI:98

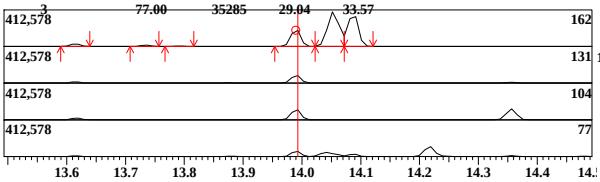
#	m/z	Area	Ratio	Reference
1	170.00	72301	22.93	22.48
2	85.00	25095	7.96	9.13



ID#:51 Name:Isosafrole Type:Target No Manual Integration

Mass:162.00 R.T:13.990 Area:232666 Conc:46.41904ppm
Event:1:Scan SI:96

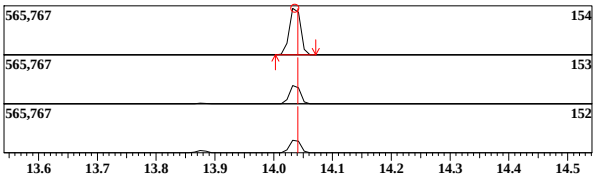
#	m/z	Area	Ratio	Reference
1	131.00	57078	46.98	42.54
2	104.00	74811	61.58	57.35
3	77.00	35285	29.04	33.57



ID#:52 Name:1,1'-Biphenyl Type:Target No Manual Integration

Mass:154.00 R.T:14.036 Area:732937 Conc:46.13651ppm
Event:1:Scan SI:97

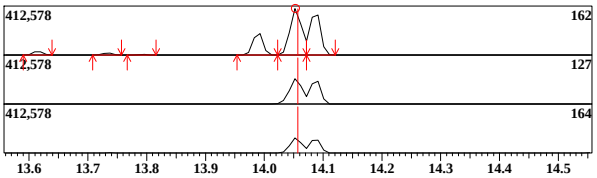
#	m/z	Area	Ratio	Reference
1	153.00	151102	38.88	38.49
2	152.00	106338	27.37	28.01



ID#:53 Name:2-Chloronaphthalene Type:Target No Manual Integration

Mass:162.00 R.T:14.053 Area:581658 Conc:47.19571ppm
Event:1:Scan SI:79

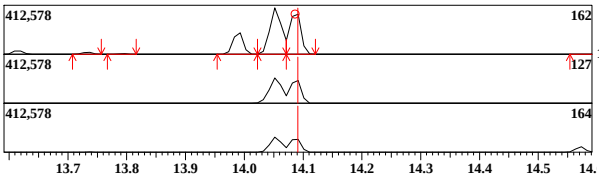
#	m/z	Area	Ratio	Reference
1	127.00	120109	57.01	48.49
2	164.00	68127	32.34	32.94



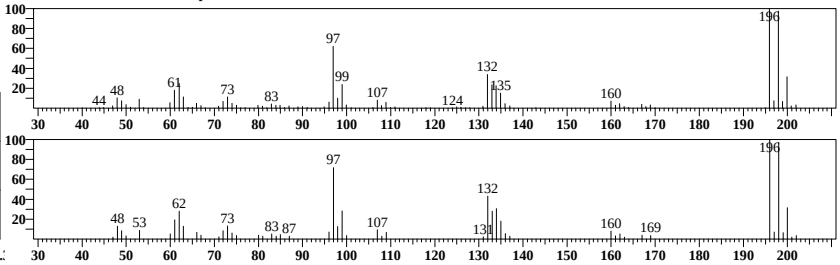
ID#:54 Name:1-Chloronaphthalene Type:Target No Manual Integration

Mass:162.00 R.T:14.087 Area:431641 Conc:44.74358ppm
Event:1:Scan SI:97

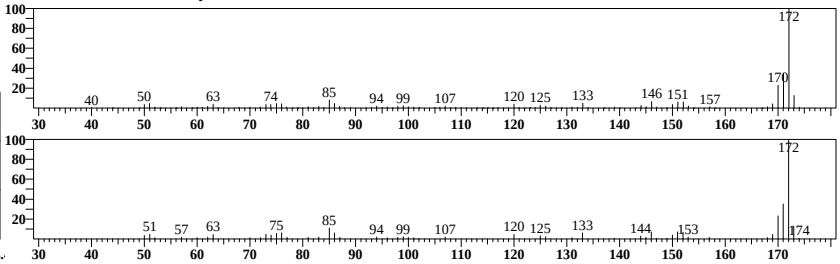
#	m/z	Area	Ratio	Reference
1	127.00	97003	56.17	48.49
2	164.00	56868	32.93	32.94



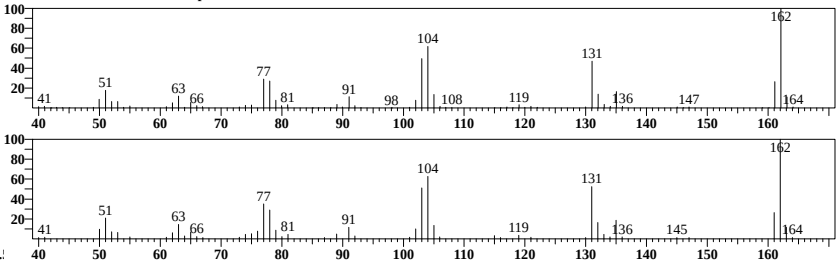
ID#:49 R.Time:13.796(Scan#:2085)
MassPeaks:82
RawMode:Averaged 13.787-13.806(2083-2087)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



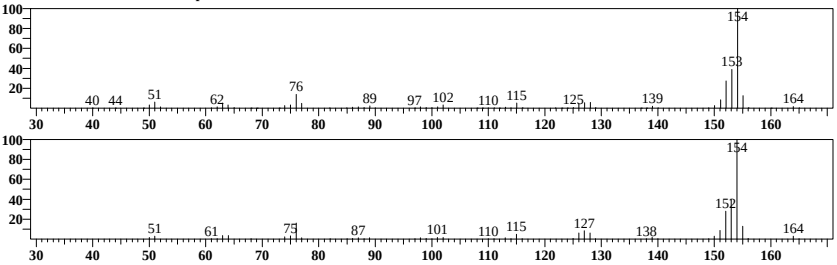
ID#:50 R.Time:13.875(Scan#:2101)
MassPeaks:100
RawMode:Averaged 13.865-13.885(2099-2103)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



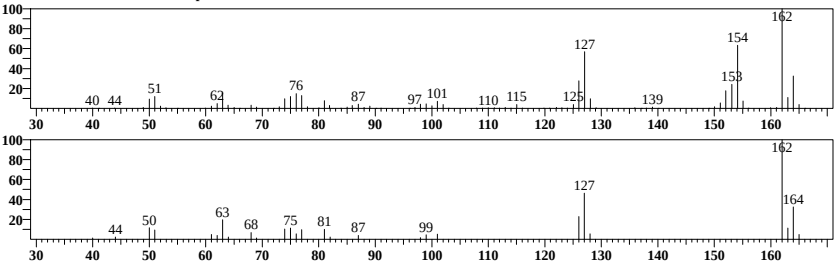
ID#:51 R.Time:13.993(Scan#:2125)
MassPeaks:70
RawMode:Averaged 13.983-14.003(2123-2127)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



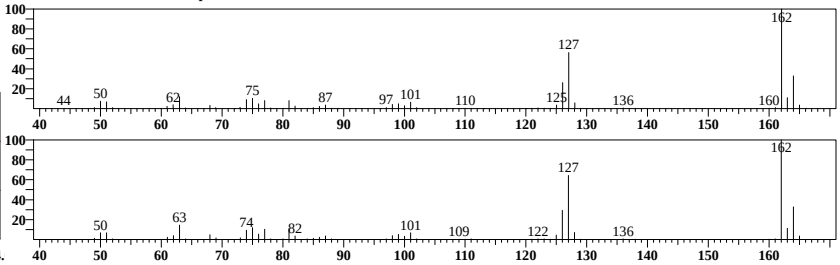
ID#:52 R.Time:14.032(Scan#:2133)
MassPeaks:63
RawMode:Averaged 14.023-14.042(2131-2135)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:53 R.Time:14.052(Scan#:2137)
MassPeaks:83
RawMode:Averaged 14.042-14.062(2135-2139)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



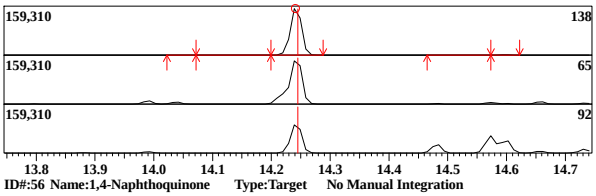
ID#:54 R.Time:14.091(Scan#:2145)
MassPeaks:62
RawMode:Averaged 14.082-14.101(2143-2147)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



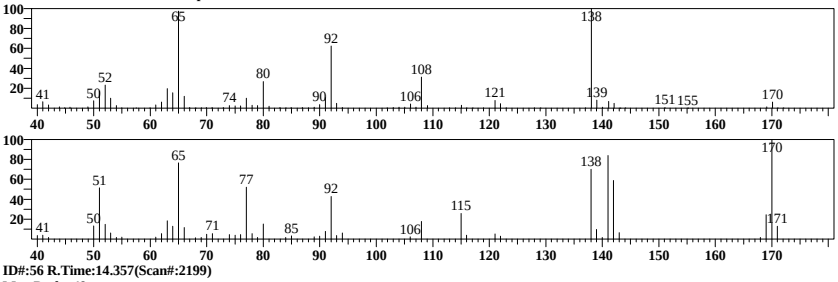
ID#:55 Name:2-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.241 Area:209729 Conc:47.27606ppm
Event:1:Scan SI:77

#	m/z	Area	Ratio	Reference
1	65.00	105313	97.30	101.46
2	92.00	67413	62.29	55.64



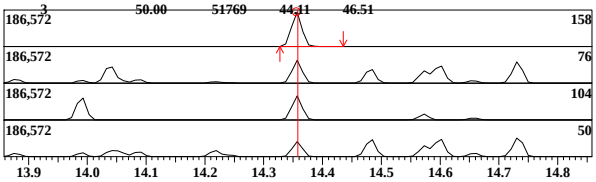
ID#:55 R.Time:14.239(Scan#:2175)
MassPeaks:79
RawMode:Averaged 14.229-14.249(2173-2177)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



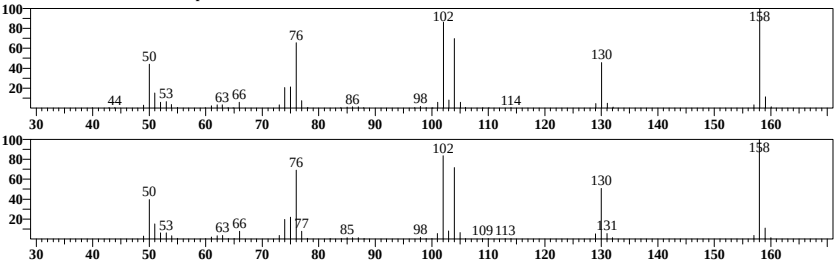
ID#:56 Name:1,4-Naphthoquinone Type:Target No Manual Integration

Mass:158.00 R.T:14.356 Area:224816 Conc:45.85381ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	76.00	76988	65.59	68.34
2	104.00	81817	69.71	74.24
3	50.00	51769	44.11	46.51



ID#:56 R.Time:14.357(Scan#:2199)
MassPeaks:49
RawMode:Averaged 14.347-14.367(2197-2201)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

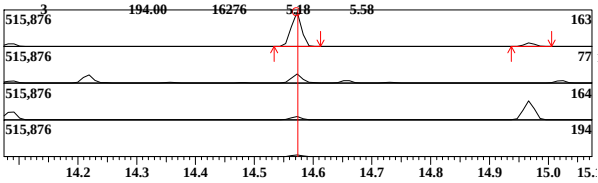


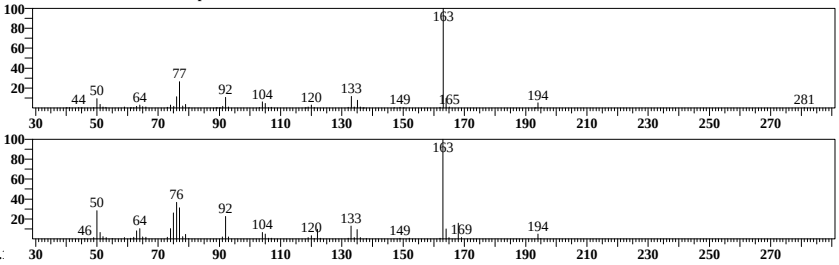
ID#:57 Name:Dimethyl phthalate Type:Target No Manual Integration

ID#:57 R.Time:14.573(Scan#:2243)
MassPeaks:55
RawMode:Averaged 14.563-14.583(2241-2245)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:163.00 R.T:14.572 Area:590708 Conc:46.02469ppm
Event:1:Scan SI:85

#	m/z	Area	Ratio	Reference
1	77.00	82577	26.28	29.31
2	164.00	30598	9.74	10.65
3	194.00	16276	5.18	5.58



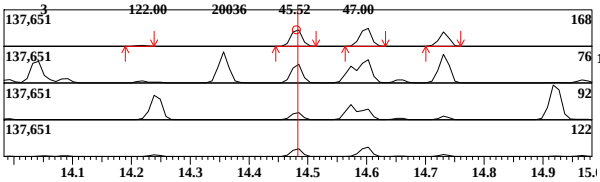


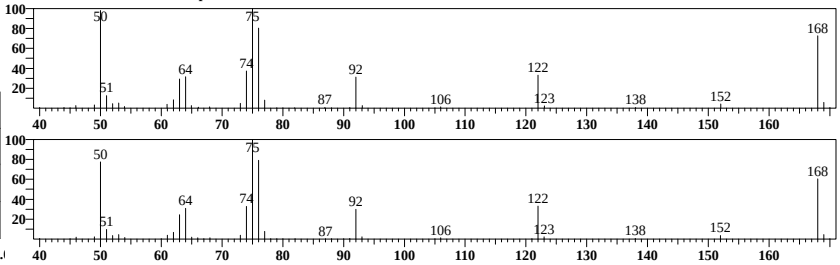
ID#:58 Name:1,3-Dinitrobenzene Type:Target No Manual Integration

ID#:58 R.Time:14.485(Scan#:2225)
MassPeaks:39
RawMode:Averaged 14.475-14.495(2223-2227)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:168.00 R.T:14.481 Area:86152 Conc:44.65178ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	76.00	48658	110.54	100.00
2	92.00	18921	42.98	44.00
3	122.00	20036	45.52	47.00



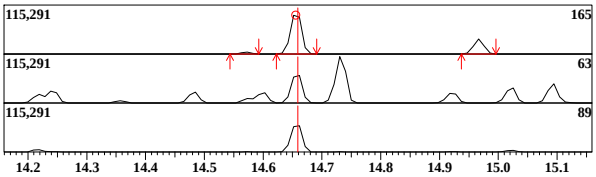


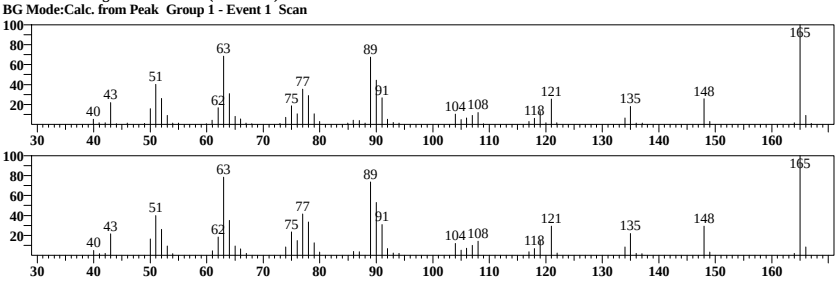
ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT) Type:Target No Manual Integration

ID#:59 R.Time:14.652(Scan#:2259)
MassPeaks:62
RawMode:Averaged 14.642-14.662(2257-2261)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:165.00 R.T:14.656 Area:131807 Conc:47.89667ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	63.00	46780	68.57	89.00
2	89.00	46020	67.46	65.00



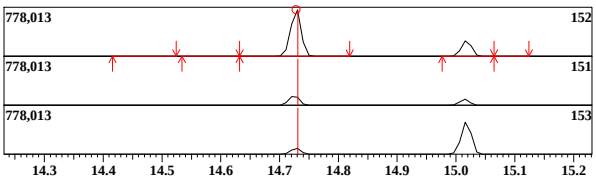


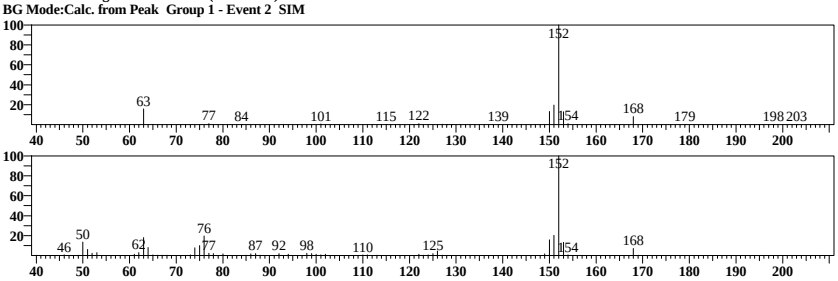
ID#:60 Name:Acenaphthylene Type:Target No Manual Integration

ID#:60 R.Time:14.731(Scan#:2276)
MassPeaks:21
RawMode:Averaged 14.721-14.740(2274-2278)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM

Mass:152.00 R.T:14.729 Area:949223 Conc:44.08364ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	151.00	96859	19.63	14.97
2	153.00	62800	12.73	5.44

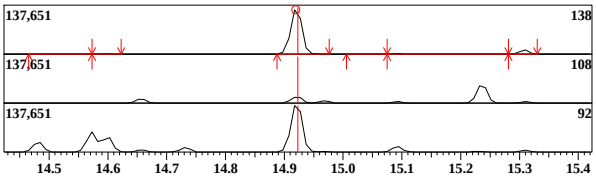




ID#:61 Name:3-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.920 Area:175099 Conc:47.42107ppm
Event:1:Scan SI:97

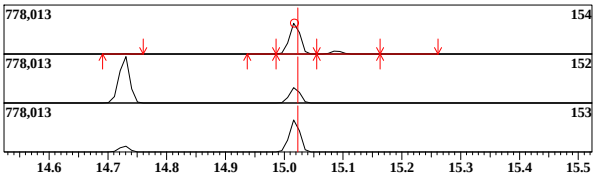
#	m/z	Area	Ratio	Reference
1	108.00	11468	12.78	16.00
2	92.00	96474	107.53	101.00



ID#:62 Name:Acenaphthene Type:Target No Manual Integration

Mass:154.00 R.T:15.017 Area:631149 Conc:44.17140ppm
Event:2:SIM SI:98

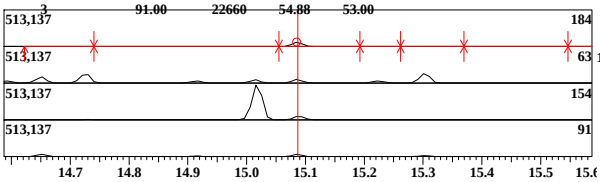
#	m/z	Area	Ratio	Reference
1	152.00	166777	49.70	59.49
2	153.00	344957	102.80	105.06



ID#:63 Name:2,4-Dinitrophenol Type:Target No Manual Integration

Mass:184.00 R.T:15.086 Area:81886 Conc:49.67960ppm
Event:2:SIM SI:97

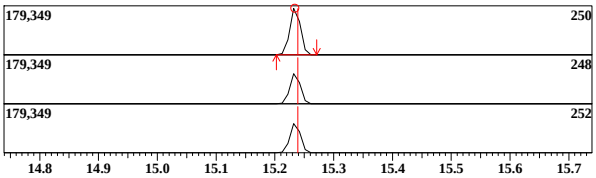
#	m/z	Area	Ratio	Reference
1	63.00	34363	83.23	90.00
2	154.00	34045	82.46	64.00
3	91.00	22660	54.88	53.00



ID#:64 Name:Pentachlorobenzene Type:Target No Manual Integration

Mass:250.00 R.T:15.234 Area:220826 Conc:45.56696ppm
Event:1:Scan SI:88

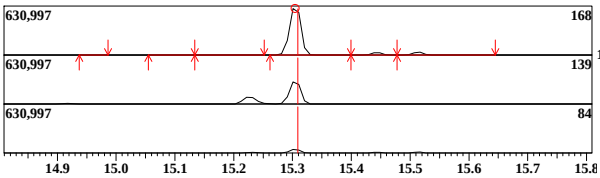
#	m/z	Area	Ratio	Reference
1	248.00	74850	64.43	63.33
2	252.00	73432	63.21	65.87



ID#:65 Name:Dibenzofuran Type:Target No Manual Integration

Mass:168.00 R.T:15.304 Area:862205 Conc:44.77662ppm
Event:2:SIM SI:97

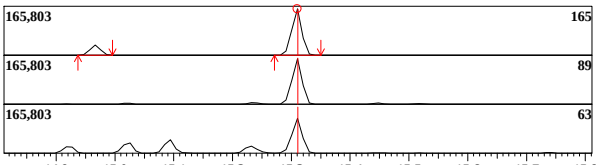
#	m/z	Area	Ratio	Reference
1	139.00	206939	46.34	44.93
2	84.00	34100	7.63	10.15



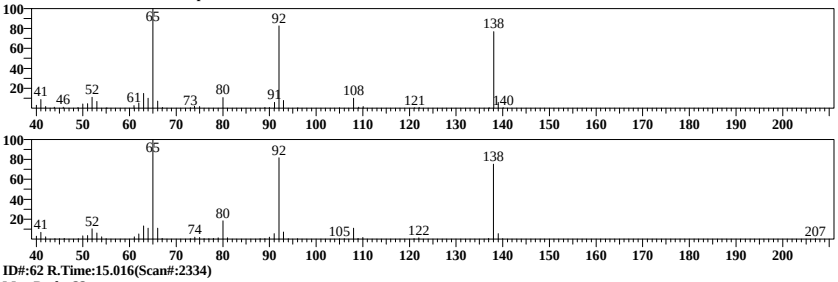
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT) Type:Target No Manual Integration

Mass:165.00 R.T:15.310 Area:190509 Conc:47.98435ppm
Event:1:Scan SI:97

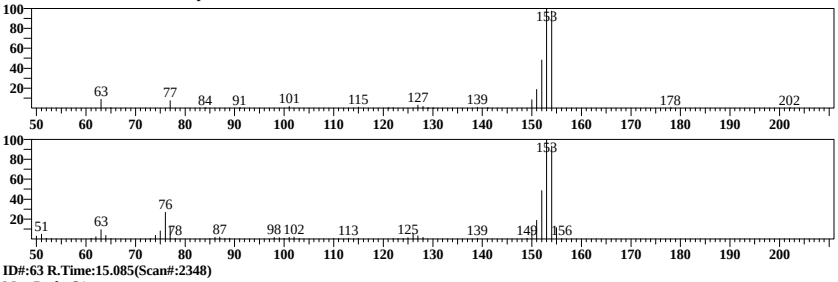
#	m/z	Area	Ratio	Reference
1	89.00	99729	99.12	96.00
2	63.00	76876	76.41	80.00



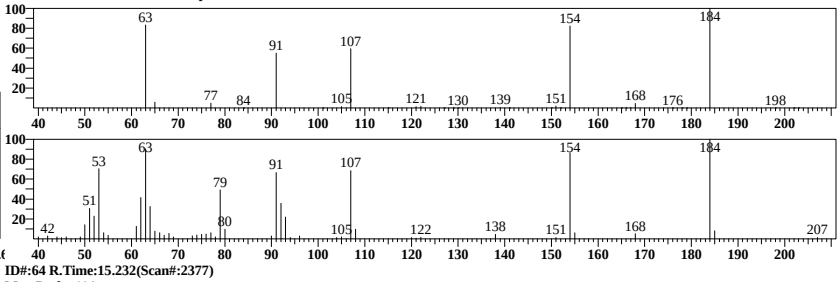
ID#:61 R.Time:14.917(Scan#:2313)
MassPeaks:38
RawMode:Averaged 14.908-14.927(2311-2315)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



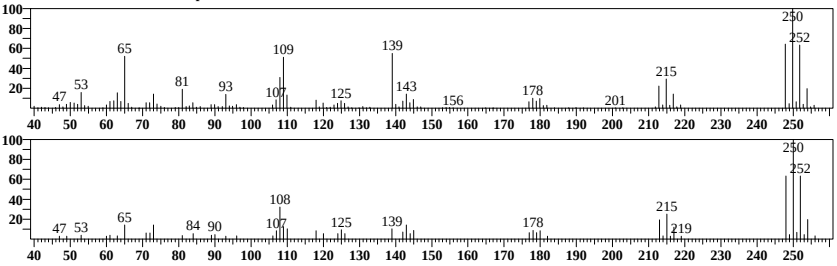
ID#:62 R.Time:15.016(Scan#:2334)
MassPeaks:22
RawMode:Averaged 15.006-15.025(2332-2336)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



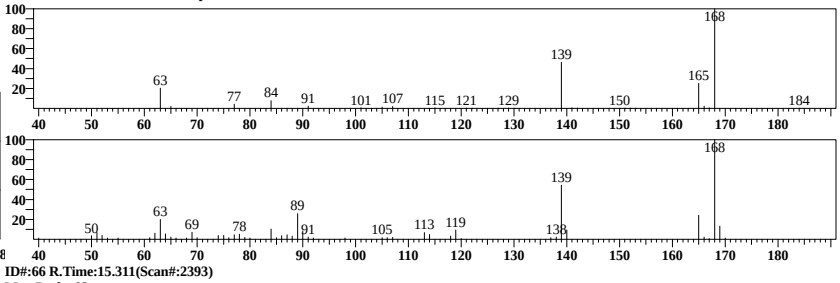
ID#:63 R.Time:15.085(Scan#:2348)
MassPeaks:31
RawMode:Averaged 15.075-15.094(2346-2350)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



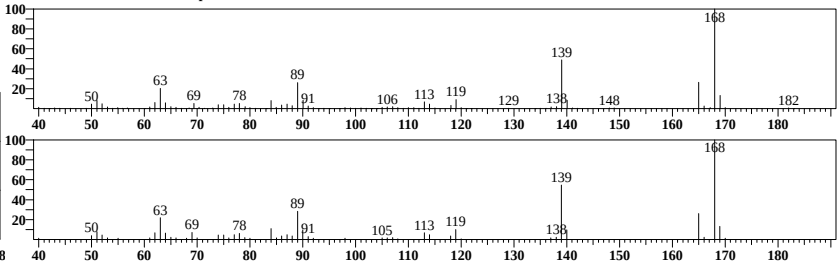
ID#:64 R.Time:15.232(Scan#:2377)
MassPeaks:114
RawMode:Averaged 15.222-15.242(2375-2379)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:65 R.Time:15.301(Scan#:2392)
MassPeaks:26
RawMode:Averaged 15.291-15.311(2390-2394)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



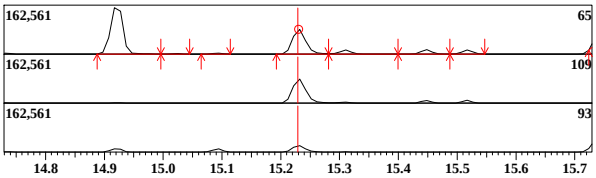
ID#:66 R.Time:15.311(Scan#:2393)
MassPeaks:93
RawMode:Averaged 15.301-15.320(2391-2395)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:67 Name:4-Nitrophenol Type:Target No Manual Integration

Mass:65.00 R.T:15.231 Area:133336 Conc:46.25062ppm
Event:1:Scan SI:69

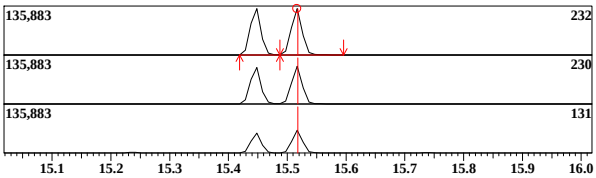
#	m/z	Area	Ratio	Reference
1	109.00	60238	98.30	97.00
2	93.00	16196	26.43	21.72



ID#:68 Name:2,3,4,6-Tetrachlorophenol Type:Target No Manual Integration

Mass:232.00 R.T:15.516 Area:166836 Conc:48.83598ppm
Event:1:Scan SI:97

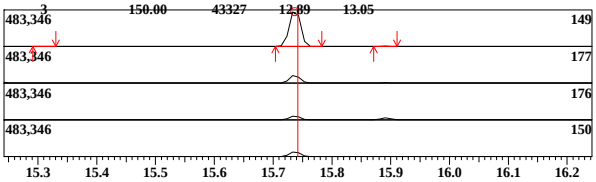
#	m/z	Area	Ratio	Reference
1	230.00	68242	80.16	75.09
2	131.00	40962	48.12	41.75



ID#:69 Name:Diethyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:15.737 Area:645298 Conc:46.15755ppm
Event:1:Scan SI:98

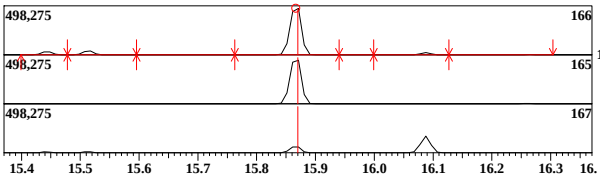
#	m/z	Area	Ratio	Reference
1	177.00	69413	20.65	23.56
2	176.00	34921	10.39	10.95
3	150.00	43327	12.89	13.05



ID#:70 Name:Fluorene Type:Target No Manual Integration

Mass:166.00 R.T:15.867 Area:677908 Conc:43.63054ppm
Event:2:SIM SI:92

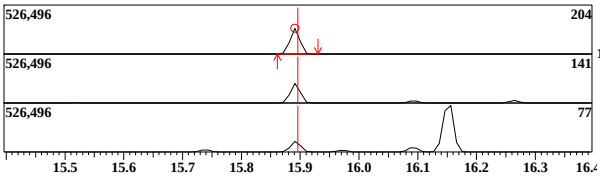
#	m/z	Area	Ratio	Reference
1	165.00	321537	94.81	75.42
2	167.00	44548	13.14	3.39



ID#:71 Name:4-Chlorophenyl phenyl ether Type:Target No Manual Integration

Mass:204.00 R.T:15.891 Area:323827 Conc:46.81675ppm
Event:1:Scan SI:73

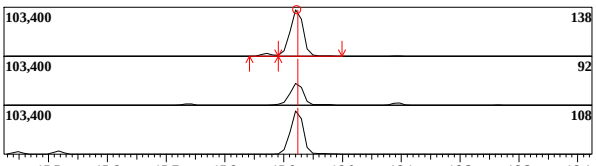
#	m/z	Area	Ratio	Reference
1	141.00	134890	77.29	98.00
2	77.00	74835	42.88	53.19



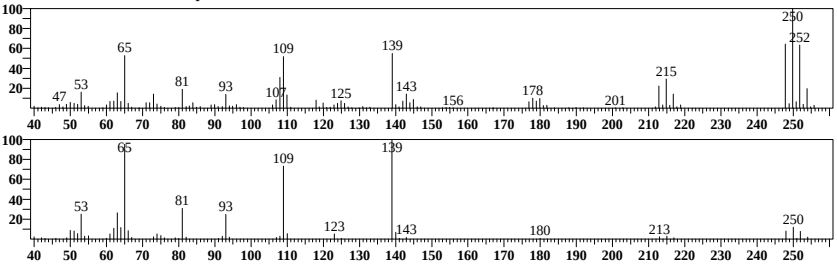
ID#:72 Name:4-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:15.922 Area:154531 Conc:44.96287ppm
Event:1:Scan SI:52

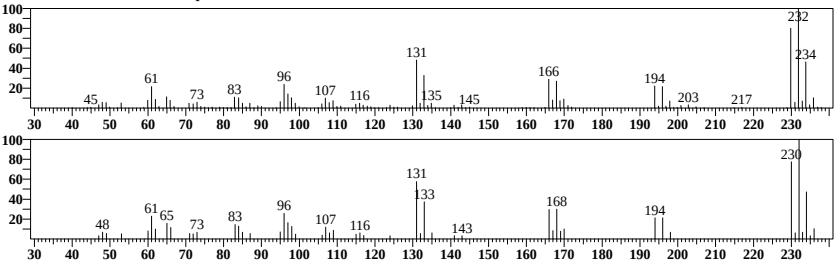
#	m/z	Area	Ratio	Reference
1	92.00	34595	46.55	64.55
2	108.00	70172	94.43	83.01



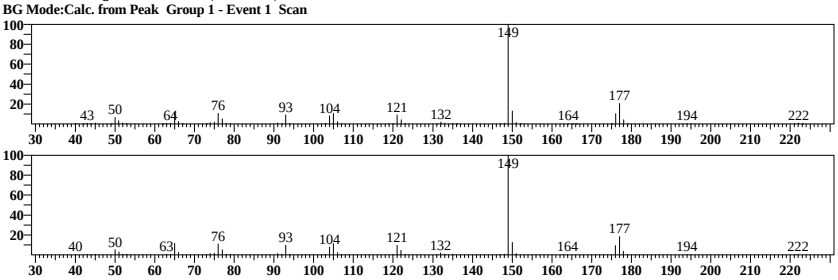
ID#:67 R.Time:15.232(Scan#:2377)
MassPeaks:113
RawMode:Averaged 15.222-15.242(2375-2379)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



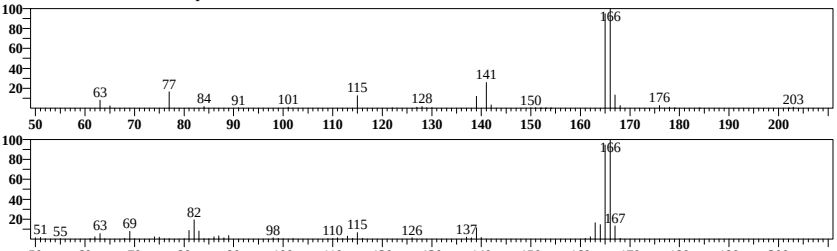
ID#:68 R.Time:15.517(Scan#:2435)
MassPeaks:110
RawMode:Averaged 15.507-15.527(2433-2437)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



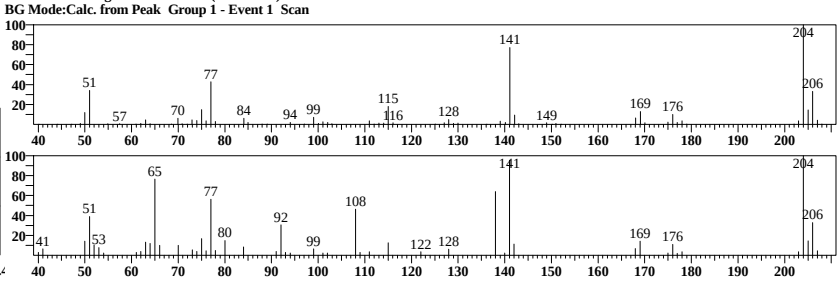
ID#:69 R.Time:15.733(Scan#:2479)
MassPeaks:61
RawMode:Averaged 15.724-15.743(2477-2481)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



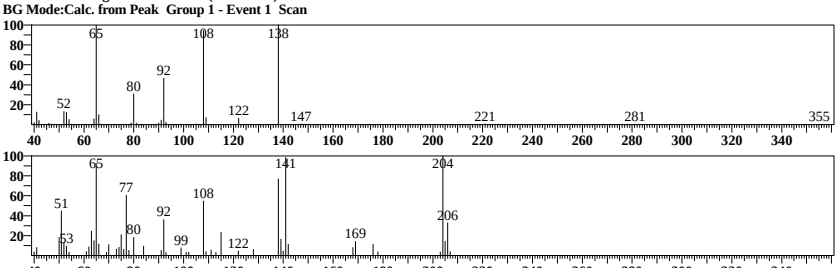
ID#:70 R.Time:15.871(Scan#:2508)
MassPeaks:30
RawMode:Averaged 15.861-15.881(2506-2510)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



ID#:71 R.Time:15.891(Scan#:2511)
MassPeaks:69
RawMode:Averaged 15.881-15.901(2509-2513)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



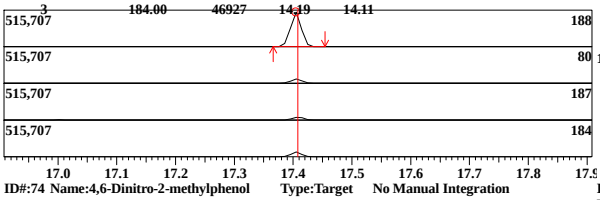
ID#:72 R.Time:15.920(Scan#:2517)
MassPeaks:31
RawMode:Averaged 15.911-15.930(2515-2519)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:73 Name:Phenanthrene-d10 (IS) Type:ISTD No Manual Integration

Mass:188.00 R.T:17.405 Area:638304 Conc:40.00000ppm
Event:1:Scan SI:97

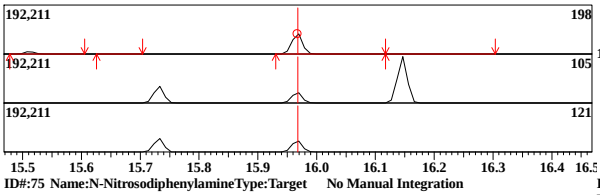
#	m/z	Area	Ratio	Reference
1	80.00	43254	13.08	15.93
2	187.00	28808	8.71	10.00
3	184.00	46927	14.19	14.11



ID#:74 Name:4,6-Dinitro-2-methylphenol Type:Target No Manual Integration

Mass:198.00 R.T:15.967 Area:107135 Conc:49.09393ppm
Event:2:SIM SI:86

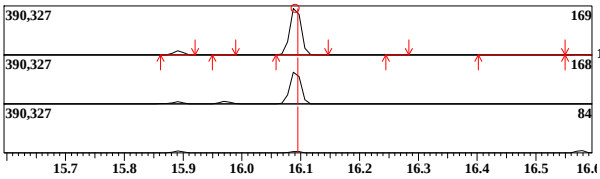
#	m/z	Area	Ratio	Reference
1	105.00	27766	51.66	55.83
2	121.00	29842	55.52	44.01



ID#:75 Name:N-NitrosodiphenylamineType:Target No Manual Integration

Mass:169.00 R.T:16.091 Area:511623 Conc:46.33034ppm
Event:1:Scan SI:92

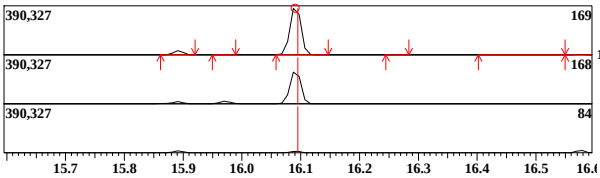
#	m/z	Area	Ratio	Reference
1	168.00	181382	67.96	64.38
2	84.00	8832	3.31	2.92



ID#:76 Name:Diphenylamine Type:Target No Manual Integration

Mass:169.00 R.T:16.091 Area:511623 Conc:46.33034ppm
Event:1:Scan SI:92

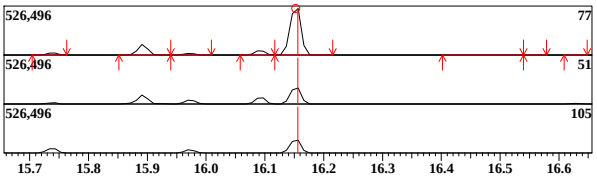
#	m/z	Area	Ratio	Reference
1	168.00	181382	67.96	64.38
2	84.00	8832	3.31	2.92



ID#:77 Name:1,2-Diphenylhydrazine Type:Target No Manual Integration

Mass:77.00 R.T:16.153 Area:684463 Conc:46.29223ppm
Event:1:Scan SI:96

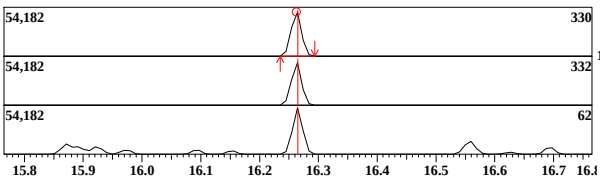
#	m/z	Area	Ratio	Reference
1	51.00	122032	34.80	21.73
2	105.00	97720	27.87	6.07



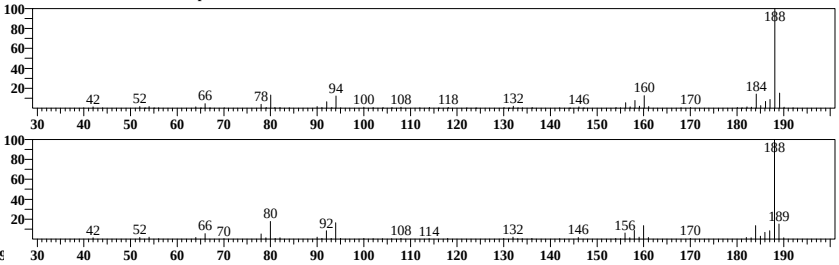
ID#:78 Name:2,4,6-Tribromophenol Type:Surrogate/SMC No Manual Integration

Mass:330.00 R.T:16.263 Area:62769 Conc:43.51089ppm
Event:1:Scan SI:70

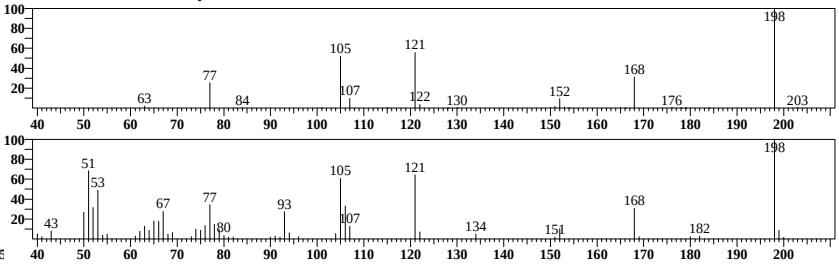
#	m/z	Area	Ratio	Reference
1	332.00	31098	94.55	100.00
2	62.00	33870	102.98	97.00



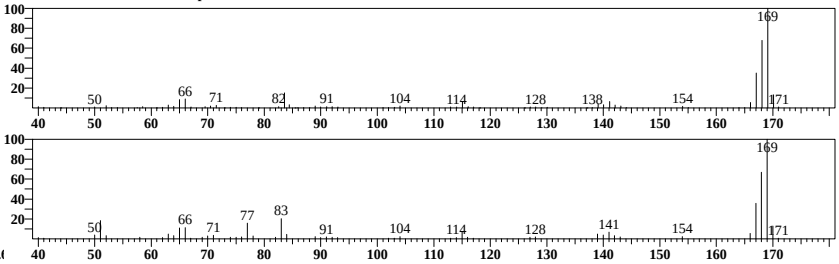
ID#:73 R.Time:17.405(Scan#:2819)
MassPeaks:68
RawMode:Averaged 17.395-17.415(2817-2821)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



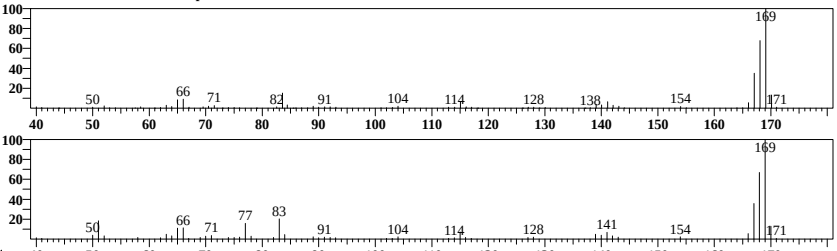
ID#:74 R.Time:15.970(Scan#:2528)
MassPeaks:25
RawMode:Averaged 15.960-15.979(2526-2530)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



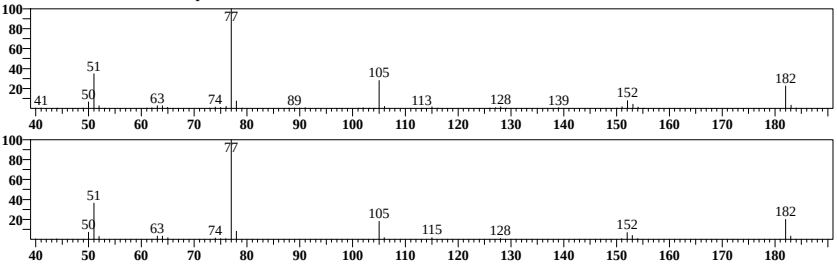
ID#:75 R.Time:16.087(Scan#:2551)
MassPeaks:69
RawMode:Averaged 16.078-16.097(2549-2553)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



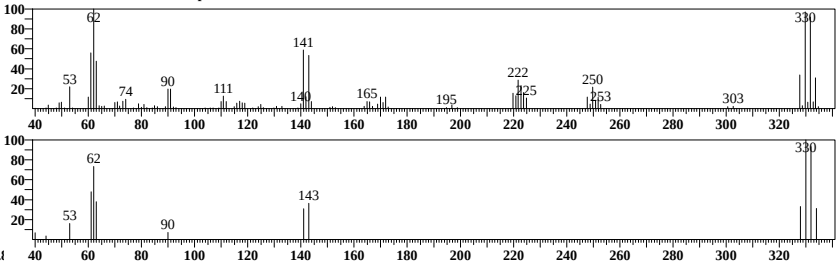
ID#:76 R.Time:16.087(Scan#:2551)
MassPeaks:69
RawMode:Averaged 16.078-16.097(2549-2553)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:77 R.Time:16.156(Scan#:2565)
MassPeaks:47
RawMode:Averaged 16.147-16.166(2563-2567)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



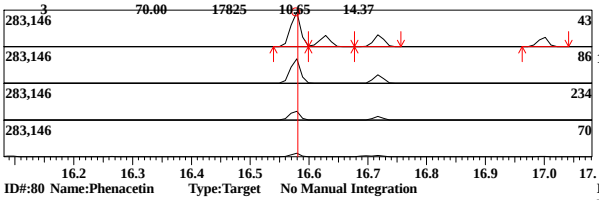
ID#:78 R.Time:16.265(Scan#:2587)
MassPeaks:96
RawMode:Averaged 16.255-16.274(2585-2589)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



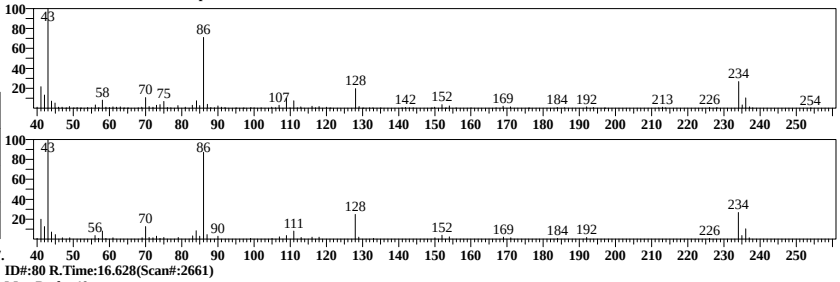
ID#:79 Name:(cis/trans)-Diallate Type:Target No Manual Integration

Mass:43.00 R.T:16.578 Area:322459 Conc:46.22279ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	86.00	118806	70.99	76.79
2	234.00	44826	26.78	26.39
3	70.00	17825	10.65	14.37



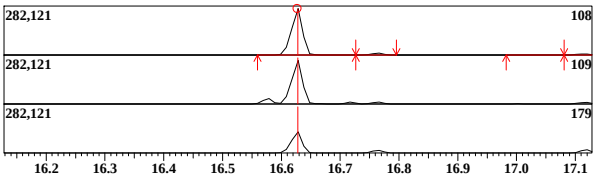
ID#:79 R.Time:16.579(Scan#:2651)
MassPeaks:102
RawMode:Averaged 16.569-16.589(2649-2653)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



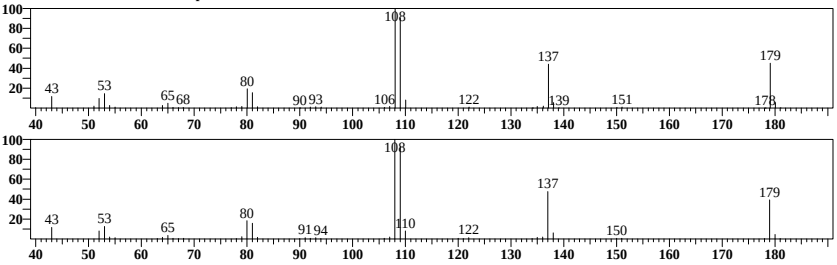
ID#:80 Name:Phenacetin Type:Target No Manual Integration

Mass:108.00 R.T:16.627 Area:358507 Conc:49.46337ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	109.00	161200	90.38	83.01
2	179.00	80189	44.96	44.31



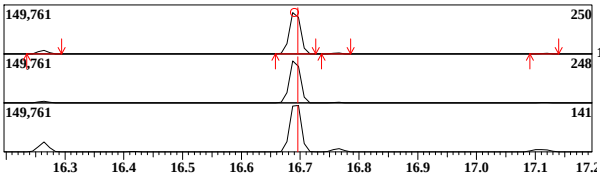
ID#:80 R.Time:16.628(Scan#:2661)
MassPeaks:40
RawMode:Averaged 16.619-16.638(2659-2663)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



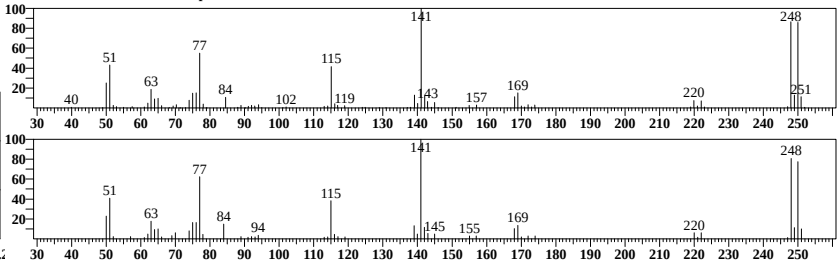
ID#:81 Name:4-Bromophenyl phenyl ether Type:Target No Manual Integration

Mass:250.00 R.T:16.691 Area:171566 Conc:46.81113ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	248.00	90741	100.76	105.86
2	141.00	104982	116.58	137.00



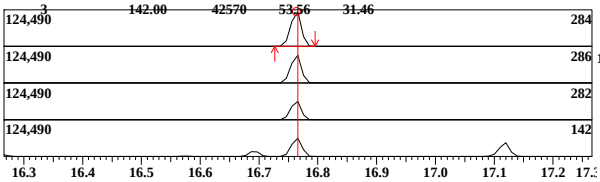
ID#:81 R.Time:16.687(Scan#:2673)
MassPeaks:77
RawMode:Averaged 16.677-16.697(2671-2675)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



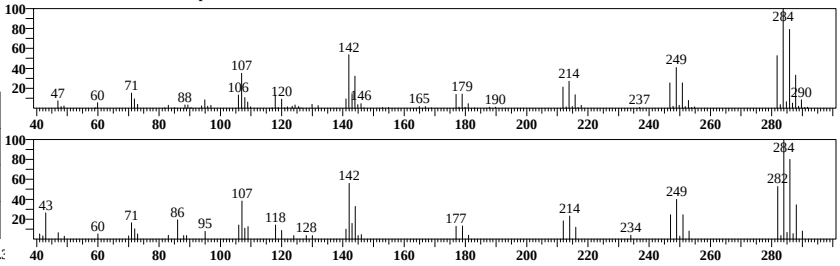
ID#:82 Name:Hexachlorobenzene Type:Target No Manual Integration

Mass:284.00 R.T:16.764 Area:153666 Conc:45.99755ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	286.00	62743	78.94	79.72
2	282.00	41933	52.76	51.93
3	142.00	42570	53.56	31.46



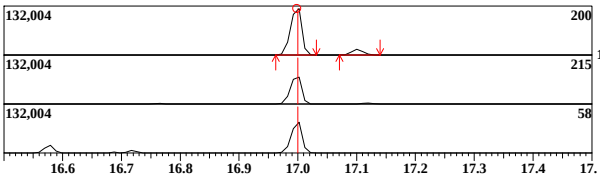
ID#:82 R.Time:16.766(Scan#:2689)
MassPeaks:83
RawMode:Averaged 16.756-16.776(2687-2691)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



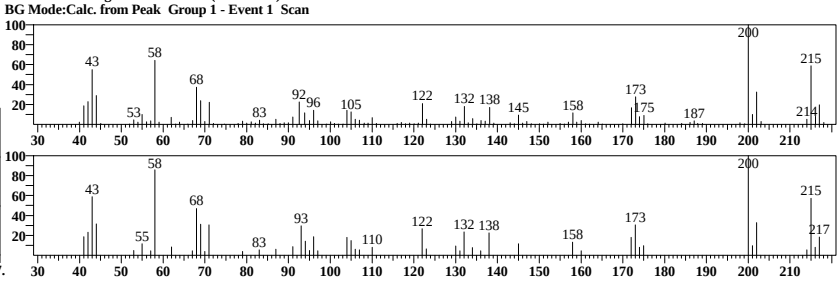
ID#:83 Name:Atrazine Type:Target No Manual Integration

Mass:200.00 R.T:16.998 Area:173195 Conc:46.89623ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	215.00	49858	58.84	59.43
2	58.00	54524	64.34	64.00



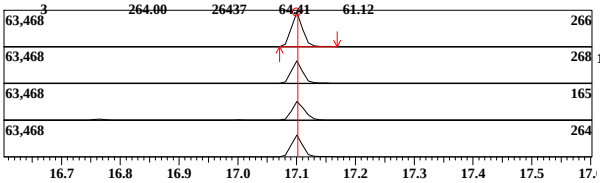
ID#:83 R.Time:17.002(Scan#:2737)
MassPeaks:118
RawMode:Averaged 16.992-17.012(2735-2739)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



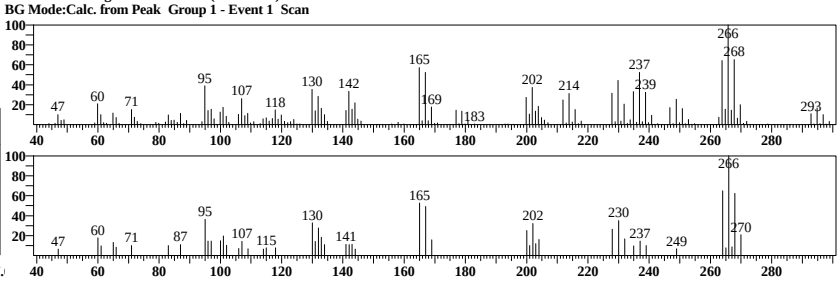
ID#:84 Name:Pentachlorophenol Type:Target No Manual Integration

Mass:266.00 R.T:17.100 Area:81901 Conc:44.58013ppm
Event:1:Scan SI:84

#	m/z	Area	Ratio	Reference
1	268.00	26837	65.39	59.97
2	165.00	23509	57.28	41.42
3	264.00	26437	64.41	61.12



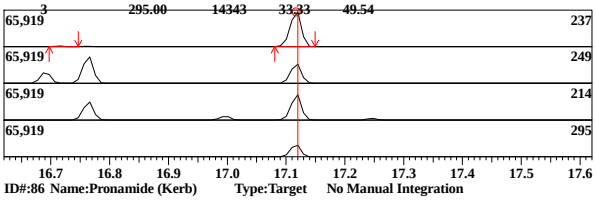
ID#:84 R.Time:17.100(Scan#:2757)
MassPeaks:148
RawMode:Averaged 17.090-17.110(2755-2759)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



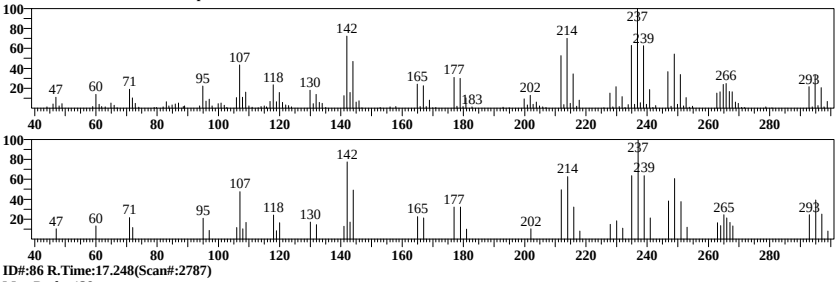
ID#:85 Name:Pentachloronitrobenzene Type:Target No Manual Integration

Mass:237.00 R.T:17.117 Area:86314 Conc:49.48602ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	249.00	23442	54.47	68.26
2	214.00	30109	69.96	62.54
3	295.00	14343	33.33	49.54



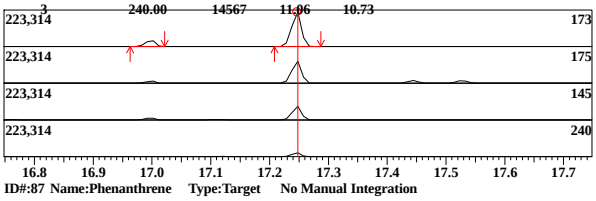
ID#:85 R.Time:17.120(Scan#:2761)
MassPeaks:145
RawMode:Averaged 17.110-17.130(2759-2763)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



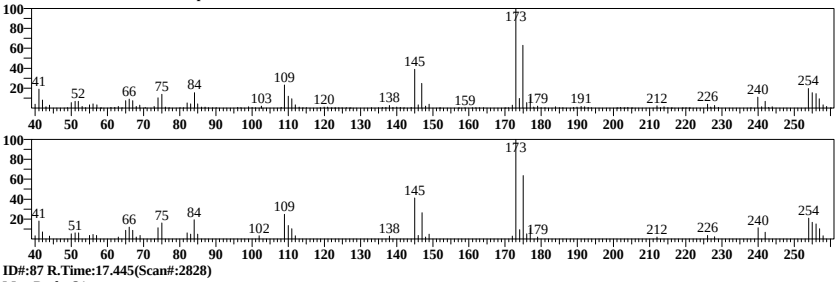
ID#:86 Name:Pronamide (Kerb) Type:Target No Manual Integration

Mass:173.00 R.T:17.246 Area:249105 Conc:46.11901ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	175.00	82975	63.00	60.85
2	145.00	51295	38.95	30.82
3	240.00	14567	11.06	10.73

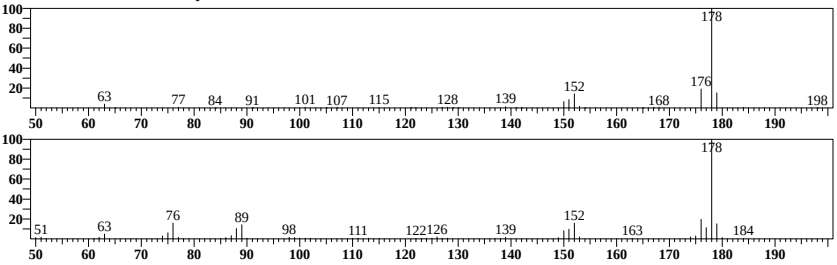


ID#:86 R.Time:17.248(Scan#:2787)
MassPeaks:138
RawMode:Averaged 17.238-17.258(2785-2789)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



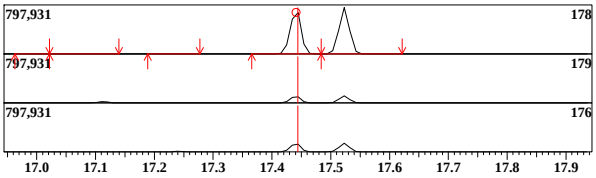
ID#:87 Name:Phenanthrene Type:Target No Manual Integration

ID#:87 R.Time:17.445(Scan#:2828)
MassPeaks:31
RawMode:Averaged 17.435-17.454(2826-2830)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



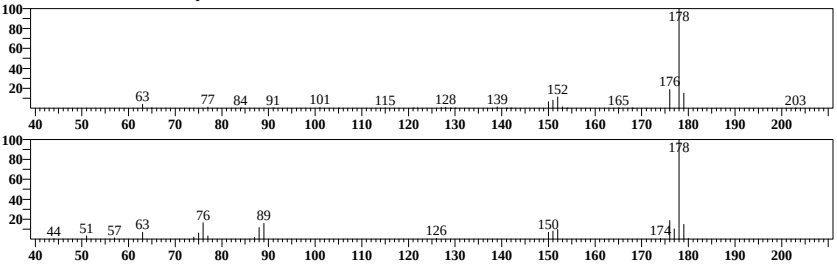
Mass:178.00 R.T:17.441 Area:936122 Conc:44.10822ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	179.00	70661	15.03	15.63
2	176.00	89776	19.10	18.75



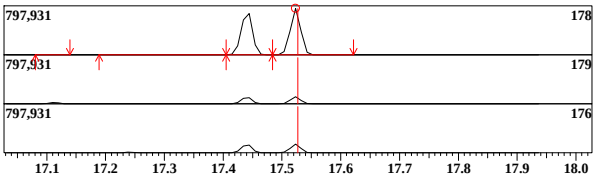
ID#:88 Name:Anthracene Type:Target No Manual Integration

ID#:88 R.Time:17.523(Scan#:2844)
MassPeaks:28
RawMode:Averaged 17.513-17.533(2842-2846)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



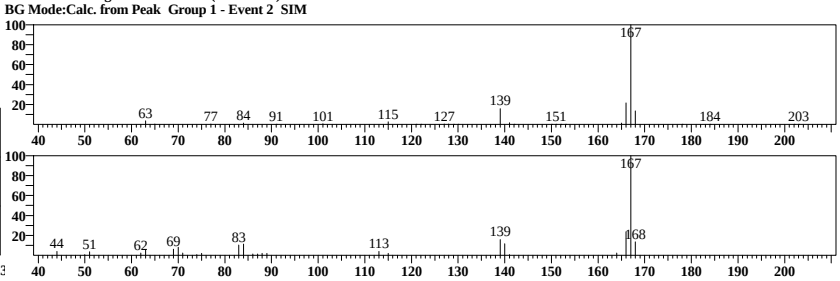
Mass:178.00 R.T:17.523 Area:954758 Conc:43.17675ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	179.00	76514	15.23	12.08
2	176.00	93529	18.61	20.60



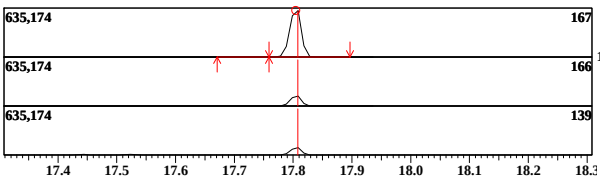
ID#:89 Name:Carbazole Type:Target No Manual Integration

ID#:89 R.Time:17.808(Scan#:2902)
MassPeaks:28
RawMode:Averaged 17.799-17.818(2900-2904)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



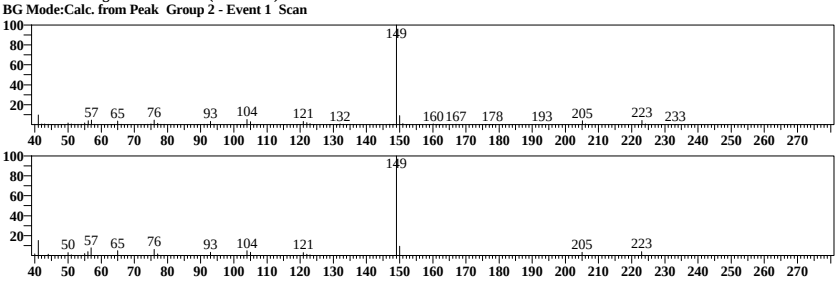
Mass:167.00 R.T:17.805 Area:860925 Conc:43.74434ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	166.00	92090	21.45	20.96
2	139.00	67389	15.69	12.92



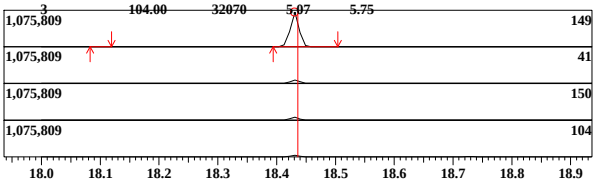
ID#:90 Name:Di-n-butyl phthalate Type:Target No Manual Integration

ID#:90 R.Time:18.431(Scan#:3023)
MassPeaks:73
RawMode:Averaged 18.422-18.440(3021-3025)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



Mass:149.00 R.T:18.430 Area:1102898 Conc:47.51869ppm
Event:1:Scan SI:94

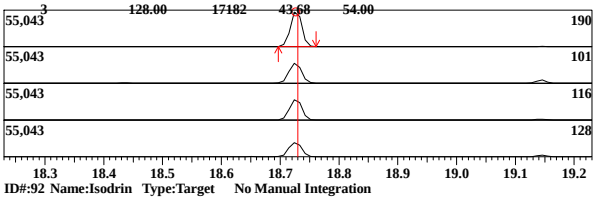
#	m/z	Area	Ratio	Reference
1	41.00	60155	9.51	10.41
2	150.00	57514	9.09	8.84
3	104.00	32070	5.07	5.75



ID#:91 Name:4-Nitroquinoline-N-Oxide Type:Target No Manual Integration

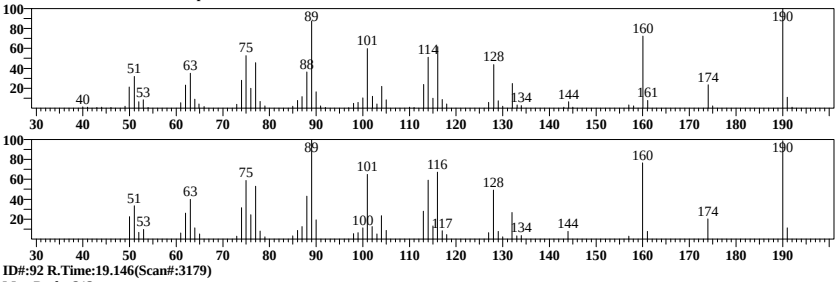
Mass:190.00 R.T:18.727 Area:73248 Conc:45.63663ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	101.00	23480	59.69	71.00
2	116.00	24238	61.62	70.00
3	128.00	17182	43.68	54.00



ID#:92 Name:Isodrin Type:Target No Manual Integration

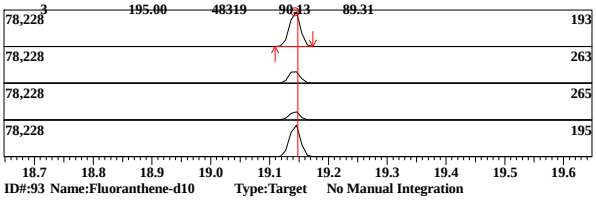
ID#:91 R.Time:18.724(Scan#:3087)
MassPeaks:68
RawMode:Averaged 18.715-18.733(3085-3089)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



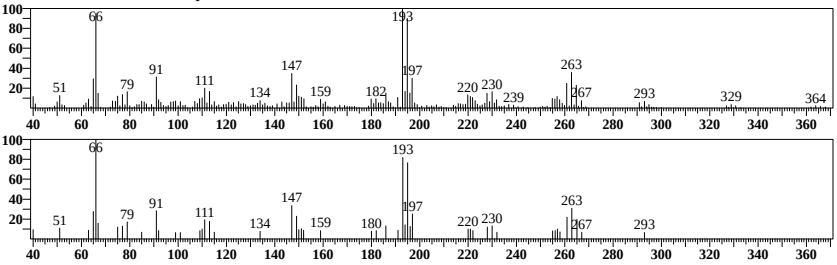
ID#:92 R.Time:19.146(Scan#:3179)
MassPeaks:213
RawMode:Averaged 19.137-19.155(3177-3181)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan

Mass:193.00 R.T:19.144 Area:99253 Conc:47.25169ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	263.00	19069	35.57	42.74
2	265.00	12182	22.72	29.49
3	195.00	48319	90.13	89.31



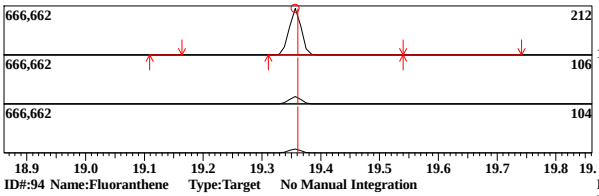
ID#:93 Name:Fluoranthene-d10 Type:Target No Manual Integration



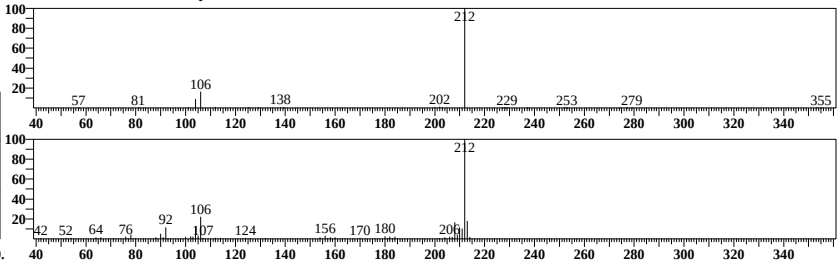
ID#:93 R.Time:19.357(Scan#:3226)
MassPeaks:25
RawMode:Averaged 19.348-19.366(3224-3228)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM

Mass:212.00 R.T:19.357 Area:910084 Conc:45.97363ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	106.00	76819	16.14	22.08
2	104.00	41389	8.69	12.34



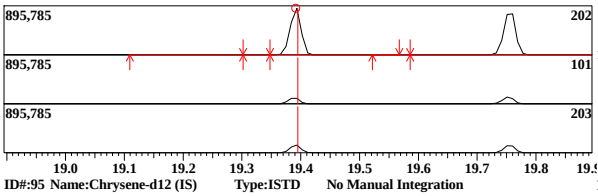
ID#:94 Name:Fluoranthene Type:Target No Manual Integration



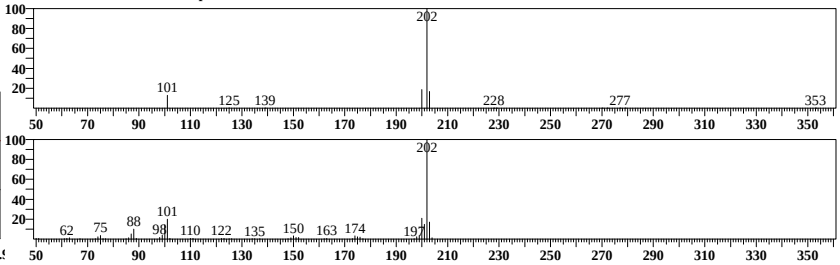
ID#:94 R.Time:19.393(Scan#:3234)
MassPeaks:13
RawMode:Averaged 19.384-19.403(3232-3236)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM

Mass:202.00 R.T:19.392 Area:1117932 Conc:42.89842ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	101.00	77553	12.87	14.12
2	203.00	101018	16.76	6.47



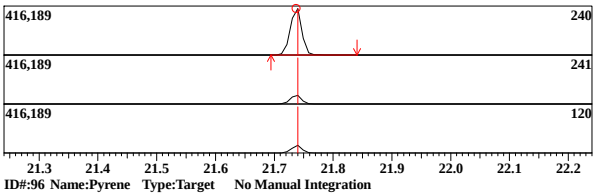
ID#:95 Name:Chrysene-d12 (IS) Type:ISTD No Manual Integration



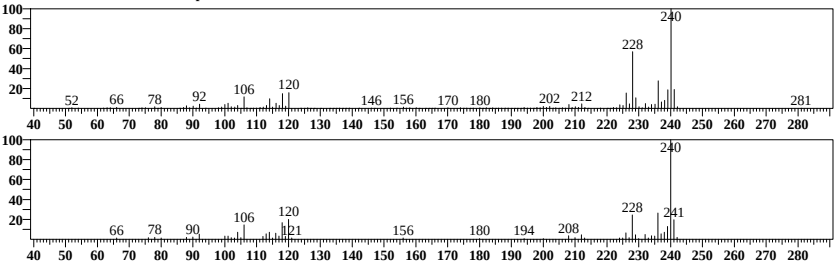
ID#:95 R.Time:21.740(Scan#:3745)
MassPeaks:138
RawMode:Averaged 21.731-21.749(3743-3747)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan

Mass:240.00 R.T:21.738 Area:549104 Conc:40.00000ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	241.00	54362	19.07	19.13
2	120.00	44621	15.65	14.79



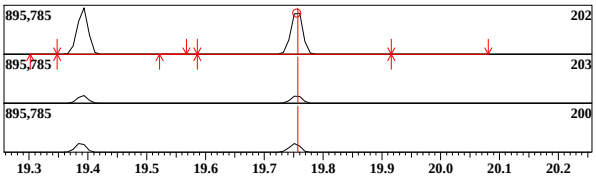
ID#:96 Name:Pyrene Type:Target No Manual Integration

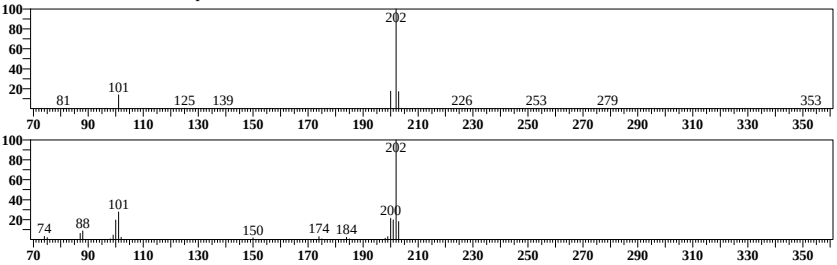


ID#:96 R.Time:19.760(Scan#:3314)
MassPeaks:19
RawMode:Averaged 19.751-19.769(3312-3316)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM

Mass:202.00 R.T:19.755 Area:1141042 Conc:44.24138ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	203.00	97532	16.97	18.13
2	200.00	99347	17.29	4.68

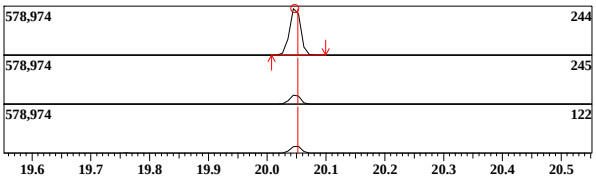




ID#:97 Name:p-Terphenyl-d14Type:Surrogate/SMC No Manual Integration

Mass:244.00 R.T:20.047 Area:750618 Conc:45.93093ppm
Event:1:Scan SI:81

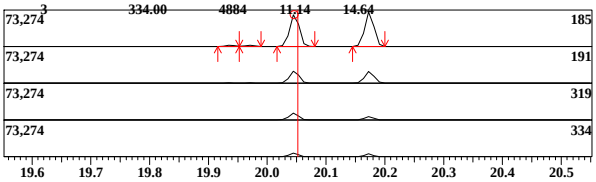
#	m/z	Area	Ratio	Reference
1	245.00	80471	19.58	19.16
2	122.00	60531	14.73	13.22



ID#:98 Name:Aramite A Type:Target No Manual Integration

Mass:185.00 R.T:20.046 Area:77420 Conc:23.01930ppm
Event:1:Scan SI:44

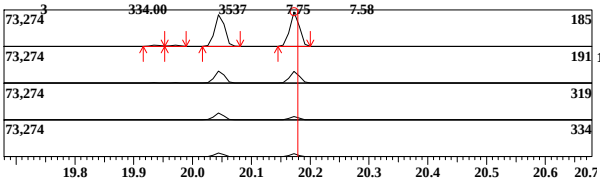
#	m/z	Area	Ratio	Reference
1	191.00	16273	37.10	44.95
2	319.00	9081	20.70	34.11
3	334.00	4884	11.14	14.64



ID#:99 Name:Aramite B Type:Target No Manual Integration

Mass:185.00 R.T:20.173 Area:79708 Conc:24.31013ppm
Event:1:Scan SI:96

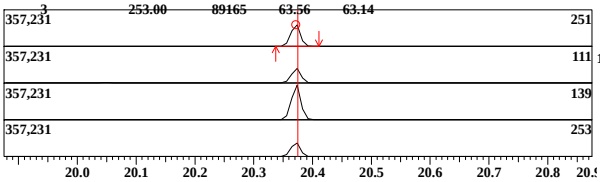
#	m/z	Area	Ratio	Reference
1	191.00	15565	34.09	42.53
2	319.00	4611	10.10	13.52
3	334.00	3537	7.75	7.58



ID#:100 Name:Chlorobenzilate Type:Target No Manual Integration

Mass:251.00 R.T:20.372 Area:254259 Conc:50.34715ppm
Event:1:Scan SI:99

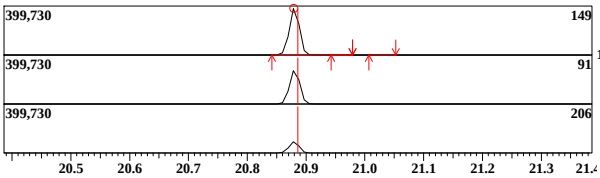
#	m/z	Area	Ratio	Reference
1	111.00	93109	66.38	55.84
2	139.00	219983	156.82	178.00
3	253.00	89165	63.56	63.14



ID#:101 Name:Butyl benzyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:20.880 Area:469529 Conc:48.02103ppm
Event:1:Scan SI:88

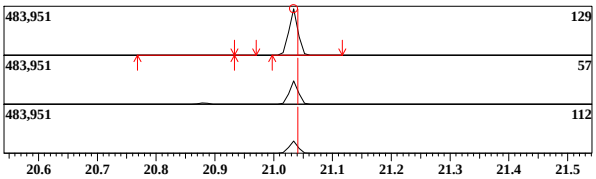
#	m/z	Area	Ratio	Reference
1	91.00	192988	73.66	92.95
2	206.00	63648	24.29	26.43



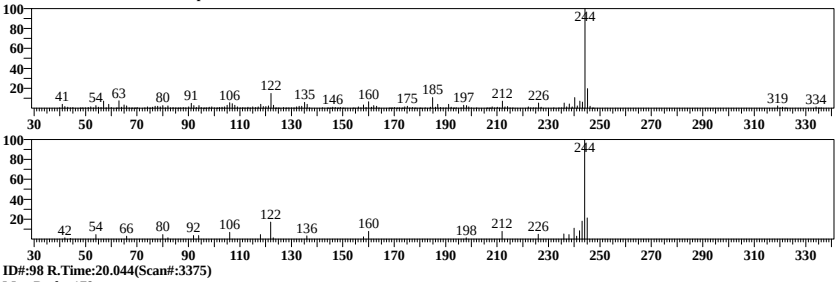
ID#:102 Name:Di(2-ethylhexyl) adipate Type:Target No Manual Integration

Mass:129.00 R.T:21.034 Area:509874 Conc:48.42897ppm
Event:1:Scan SI:98

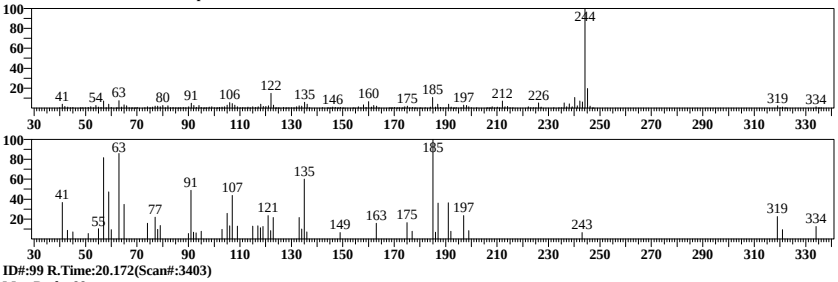
#	m/z	Area	Ratio	Reference
1	57.00	147255	50.46	40.00
2	112.00	77246	26.47	27.60



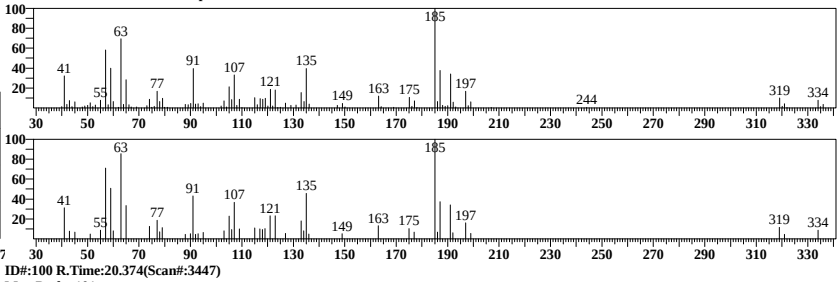
ID#:97 R.Time:20.044(Scan#:3375)
MassPeaks:179
RawMode:Averaged 20.035-20.053(3373-3377)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



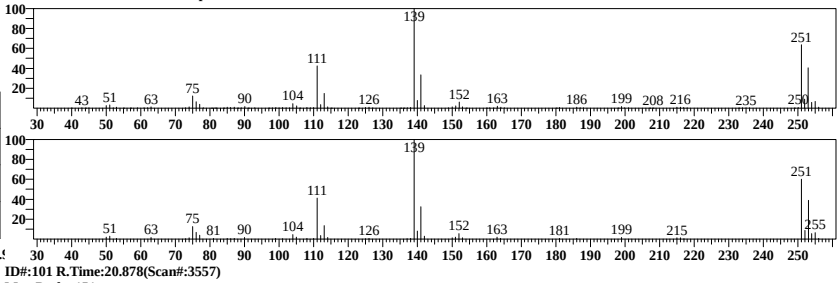
ID#:98 R.Time:20.044(Scan#:3375)
MassPeaks:179
RawMode:Averaged 20.035-20.053(3373-3377)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



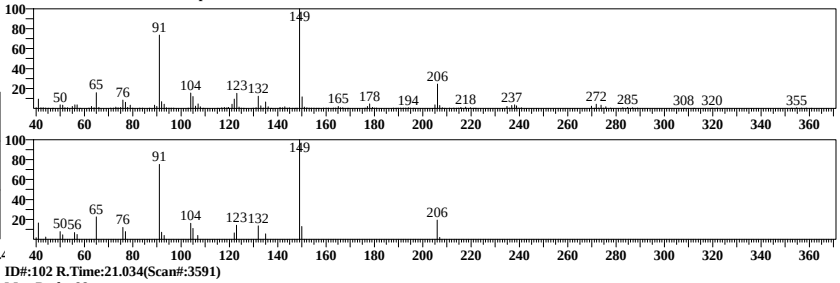
ID#:99 R.Time:20.172(Scan#:3403)
MassPeaks:99
RawMode:Averaged 20.163-20.182(3401-3405)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



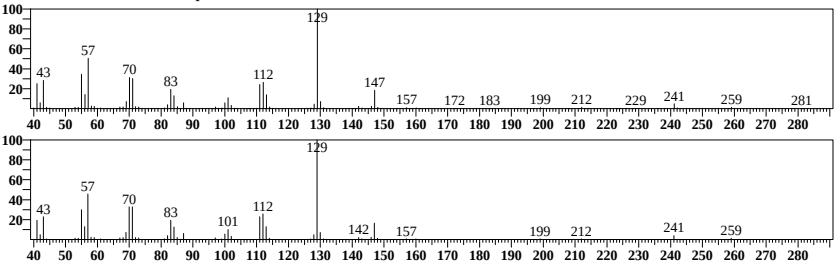
ID#:100 R.Time:20.374(Scan#:3447)
MassPeaks:101
RawMode:Averaged 20.365-20.383(3445-3449)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



ID#:101 R.Time:20.878(Scan#:3557)
MassPeaks:151
RawMode:Averaged 20.869-20.887(3555-3559)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



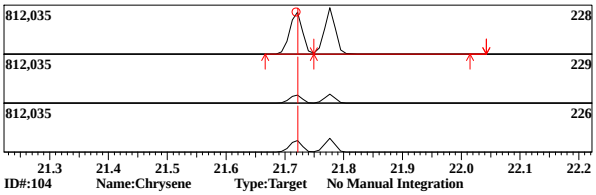
ID#:102 R.Time:21.034(Scan#:3591)
MassPeaks:98
RawMode:Averaged 21.025-21.043(3589-3593)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



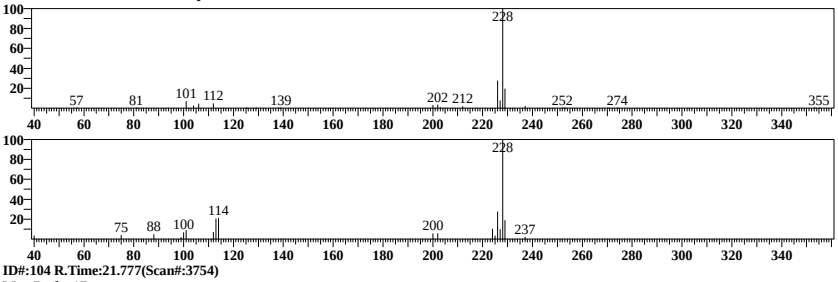
ID#:103 Name:Benzo[a]anthracene Type:Target No Manual Integration

Mass:228.00 R.T:21.720 Area:1073698 Conc:46.35476ppm
Event:2:SIM SI:88

#	m/z	Area	Ratio	Reference
1	229.00	102352	19.31	27.13
2	226.00	145211	27.40	24.70



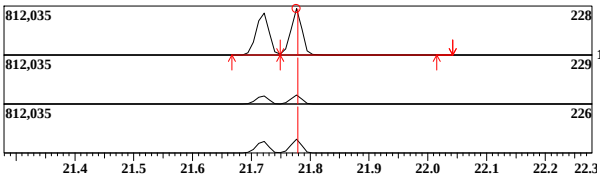
ID#:103 R.Time:21.722(Scan#:3742)
MassPeaks:25
RawMode:Averaged 21.712-21.731(3740-3744)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



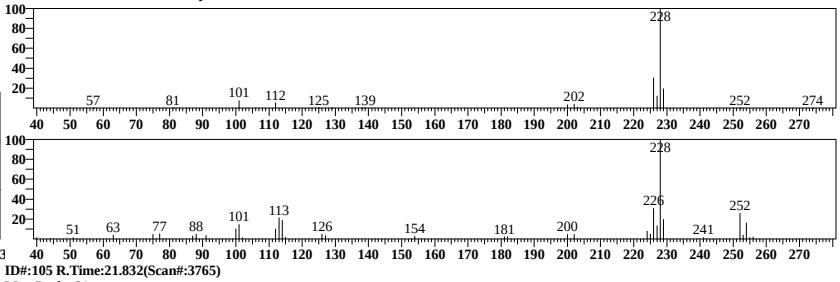
ID#:104 Name:Chrysene Type:Target No Manual Integration

Mass:228.00 R.T:21.776 Area:1017133 Conc:43.83521ppm
Event:2:SIM SI:80

#	m/z	Area	Ratio	Reference
1	229.00	101760	19.30	27.13
2	226.00	158944	30.14	24.70



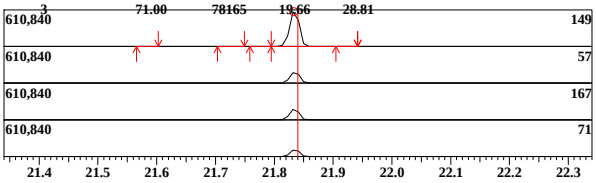
ID#:104 R.Time:21.777(Scan#:3754)
MassPeaks:17
RawMode:Averaged 21.767-21.786(3752-3756)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



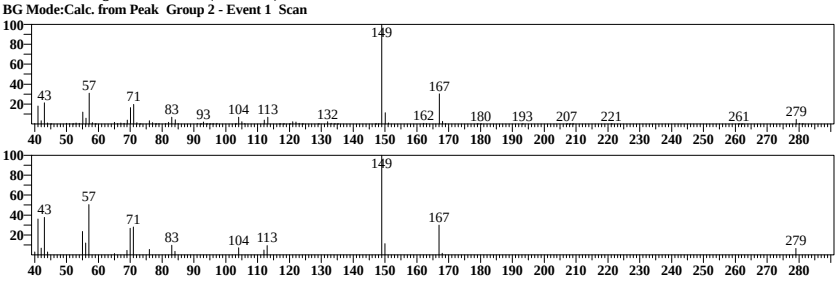
ID#:105 Name:Bis(2-Ethylhexyl) phthalate Type:Target No Manual Integration

Mass:149.00 R.T:21.834 Area:702141 Conc:48.94375ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	57.00	122408	30.78	45.69
2	167.00	120824	30.39	32.70
3	71.00	78165	19.66	28.81



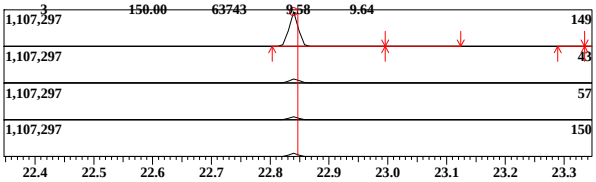
ID#:105 R.Time:21.832(Scan#:3765)
MassPeaks:81
RawMode:Averaged 21.823-21.841(3763-3767)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



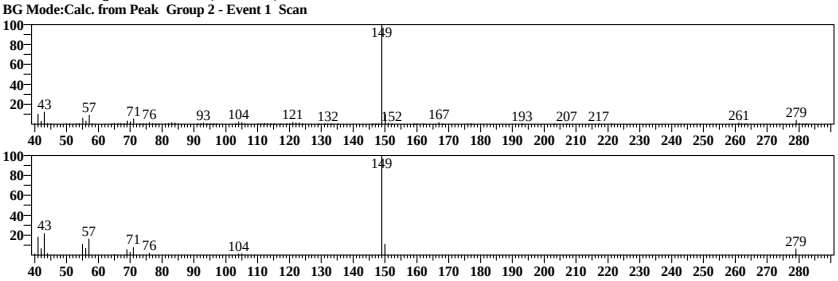
ID#:106 Name:Di-n-octyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:22.840 Area:1176901 Conc:49.13391ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	43.00	81621	12.27	13.63
2	57.00	60050	9.03	13.85
3	150.00	63743	9.58	9.64



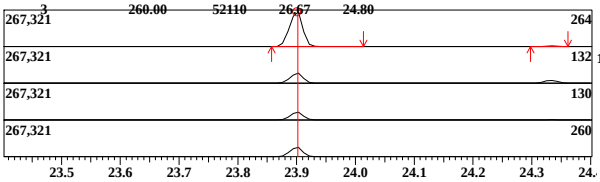
ID#:106 R.Time:22.840(Scan#:3985)
MassPeaks:90
RawMode:Averaged 22.831-22.849(3983-3987)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



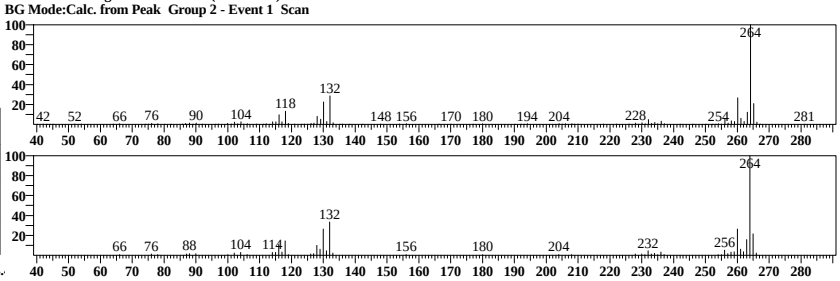
ID#:107 Name:Perylene-d12 (IS) Type:ISTD No Manual Integration

Mass:264.00 R.T:23.900 Area:415133 Conc:40.00000ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	132.00	55916	28.61	20.63
2	130.00	44263	22.65	16.36
3	260.00	52110	26.67	24.80



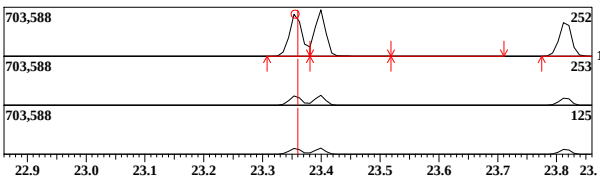
ID#:107 R.Time:23.903(Scan#:4217)
MassPeaks:106
RawMode:Averaged 23.894-23.913(4215-4219)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



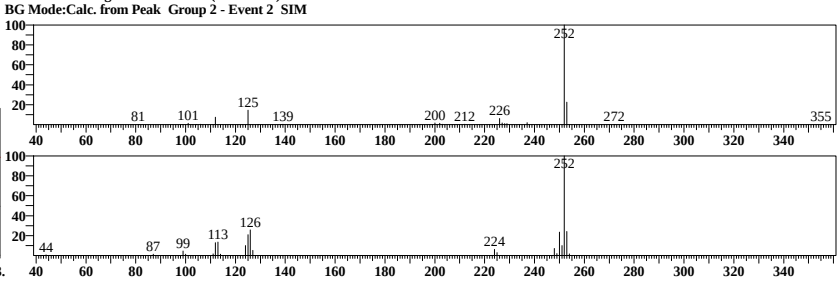
ID#:108 Name:Benzo[b]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.355 Area:965712 Conc:46.98099ppm
Event:2:SIM SI:76

#	m/z	Area	Ratio	Reference
1	253.00	83615	22.41	24.52
2	125.00	53863	14.43	21.64



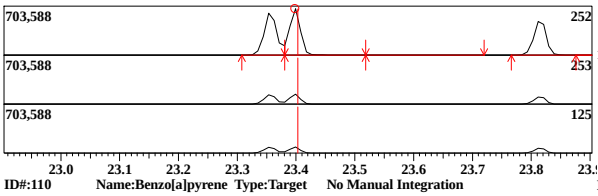
ID#:108 R.Time:23.353(Scan#:4098)
MassPeaks:23
RawMode:Averaged 23.344-23.363(4096-4100)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



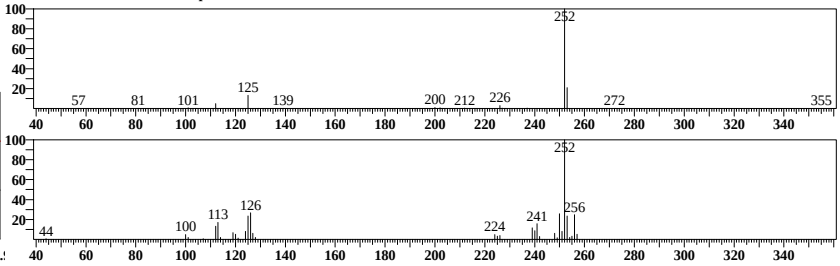
ID#:109 Name:Benzo[k]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.398 Area:824820 Conc:42.10632ppm
Event:2:SIM SI:78

#	m/z	Area	Ratio	Reference
1	253.00	74023	20.91	24.52
2	125.00	46403	13.11	21.64



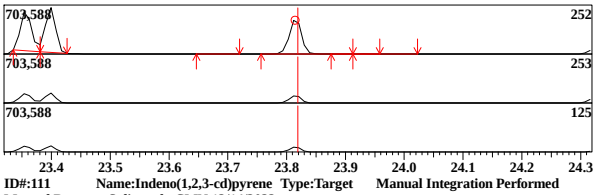
ID#:109 R.Time:23.399(Scan#:4108)
MassPeaks:23
RawMode:Averaged 23.390-23.408(4106-4110)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



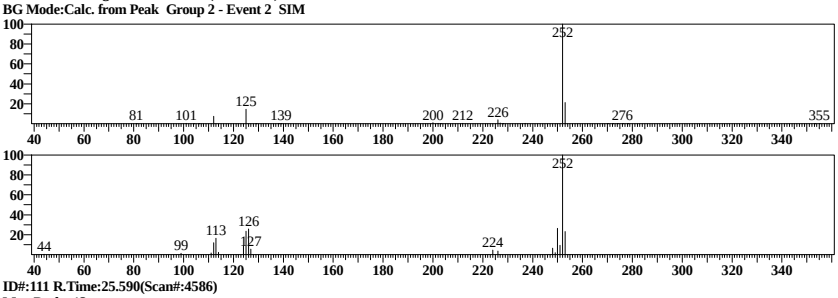
ID#:110 Name:Benzo[a]pyrene Type:Target No Manual Integration

Mass:252.00 R.T:23.815 Area:754508 Conc:46.95612ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	253.00	80884	21.33	24.52
2	125.00	54935	14.49	21.64



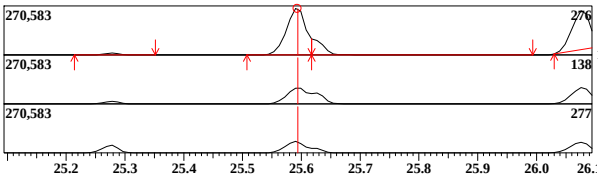
ID#:110 R.Time:23.812(Scan#:4198)
MassPeaks:26
RawMode:Averaged 23.802-23.821(4196-4200)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



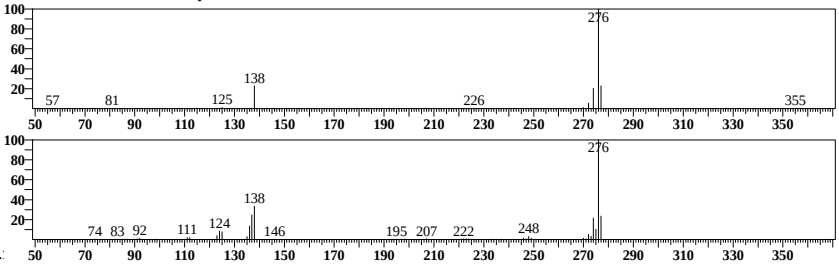
ID#:111 Name:Indeno(1,2,3-cd)pyrene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/14/2022

Mass:276.00 R.T:25.593 Area:613333 Conc:49.42015ppm
Event:2:SIM SI:94

#	m/z	Area	Ratio	Reference
1	138.00	37815	22.70	6.67
2	277.00	38074	22.86	14.17



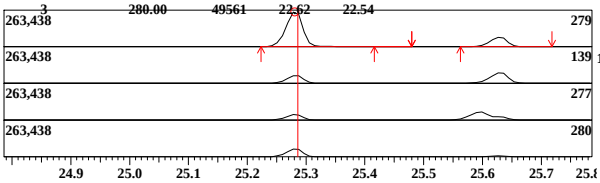
ID#:111 R.Time:25.590(Scan#:4586)
MassPeaks:13
RawMode:Averaged 25.581-25.599(4584-4588)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



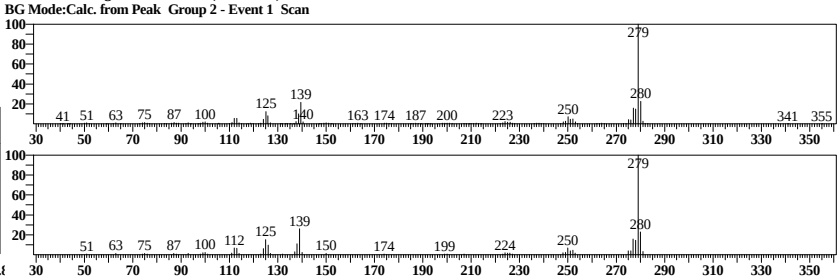
ID#:113 Name:Dibenz(a,j)Acridine Type:Target No Manual Integration

Mass:279.00 R.T:25.281 Area:515720 Conc:48.98393ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	139.00	47330	21.61	9.49
2	277.00	34652	15.82	15.01
3	280.00	49561	22.62	22.54



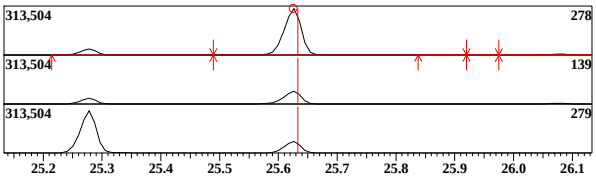
ID#:113 R.Time:25.278(Scan#:4517)
MassPeaks:129
RawMode:Averaged 25.269-25.288(4515-4519)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



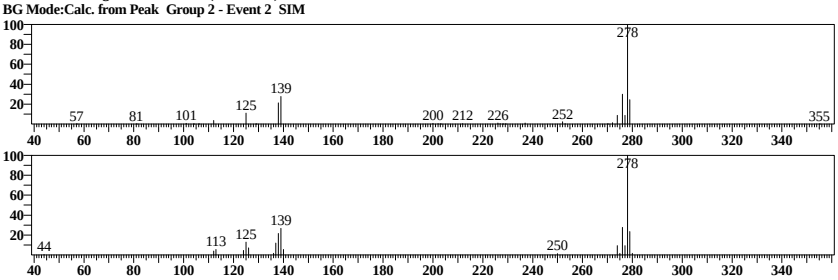
ID#:114 Name:Dibenzo[a,h]anthracene Type:Target No Manual Integration

Mass:278.00 R.T:25.625 Area:624439 Conc:47.93291ppm
Event:2:SIM SI:93

#	m/z	Area	Ratio	Reference
1	139.00	70577	27.76	7.75
2	279.00	62301	24.50	25.58



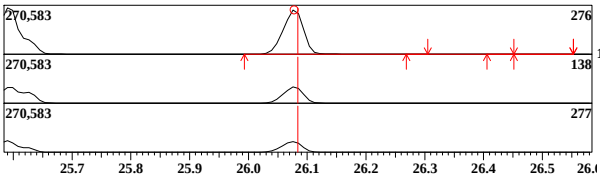
ID#:114 R.Time:25.627(Scan#:4594)
MassPeaks:29
RawMode:Averaged 25.618-25.636(4592-4596)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



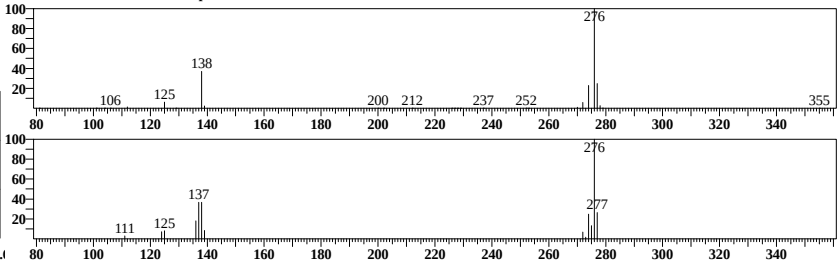
ID#:115 Name:Benzo[g,h,i]perylene Type:Target No Manual Integration

Mass:276.00 R.T:26.078 Area:597032 Conc:47.08080ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	138.00	81344	36.90	25.00
2	277.00	54274	24.62	21.09



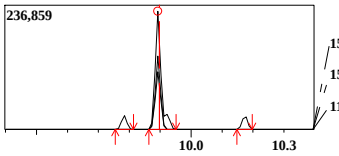
ID#:115 R.Time:26.076(Scan#:4692)
MassPeaks:27
RawMode:Averaged 26.067-26.085(4690-4694)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



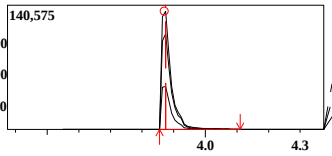
Before Manual Integrations

Analyst: CMN **Instr: J7H** **Trace Number: SVOC-BO45-F14-Y**
Method: 8270C/D/E/625.1 **Batch:**
Sample ID: A ENDCCV6 **Data File: C:\GCMSsolution\Data\221212H036.qgd**
Date: 12/13/2022 **Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm**
Time: 07:51:24 **Sample Name: A ENDCCV6**
Dilution: 1

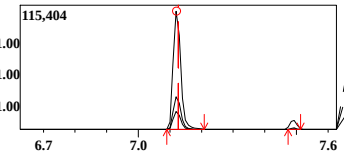
ID#:1 **Name:1,4-Dichlorobenzene-d4 (IS)**
Mass:150.00 **Type:ISTD**
R.T:9.892 **Area:308311** **Conc:40.00000ppm**



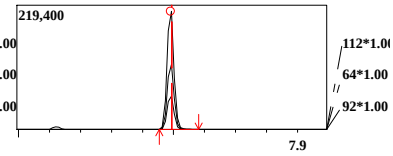
ID#:2 **Name:N-Nitrosodimethylamine**
Mass:74.00 **Type:Target**
R.T:3.870 **Area:287263** **Conc:48.05102ppm**



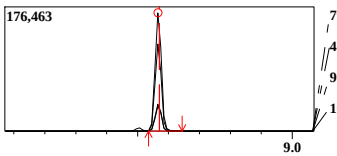
ID#:4 **Name:Methyl methanesulfonate**
Mass:80.00 **Type:Target**
R.T:7.121 **Area:184041** **Conc:44.76691ppm**



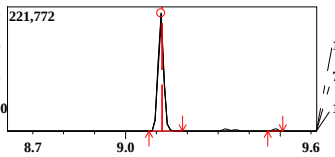
ID#:5 **Name:2-Fluorophenol**
Mass:112.00 **Type:Surrogate/SMC**
R.T:7.490 **Area:328266** **Conc:44.86874ppm**



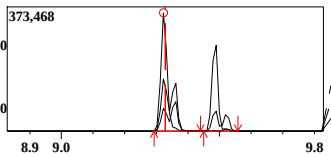
ID#:6 **Name:Ethyl methanesulfonate**
Mass:79.00 **Type:Target**
R.T:8.566 **Area:242359** **Conc:43.64373ppm**



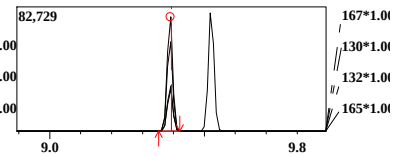
ID#:7 **Name:Benzaldehyde**
Mass:106.00 **Type:Target**
R.T:9.114 **Area:275945** **Conc:44.82688ppm**



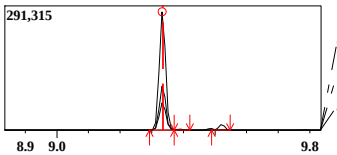
ID#:8 **Name:Aniline**
Mass:93.00 **Type:Target**
R.T:9.324 **Area:502981** **Conc:43.33196ppm**



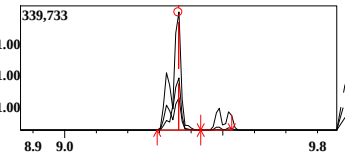
ID#:9 **Name:Pentachloroethane**
Mass:167.00 **Type:Target**
R.T:9.389 **Area:98160** **Conc:43.26665ppm**



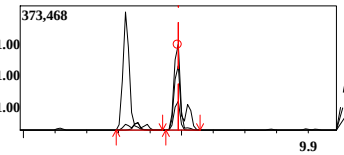
ID#:10 **Name:Phenol-d6**
Mass:99.00 **Type:Surrogate/SMC**
R.T:9.333 **Area:396300** **Conc:45.19089ppm**



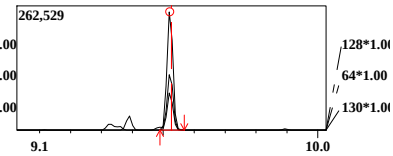
ID#:11 **Name:Phenol**
Mass:94.00 **Type:Target**
R.T:9.358 **Area:495051** **Conc:45.47892ppm**



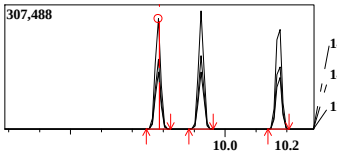
ID#:12 **Name:bis(2-Chloroethyl)Ether**
Mass:93.00 **Type:Target**
R.T:9.486 **Area:351925** **Conc:43.29521ppm**



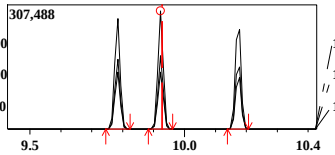
ID#:13 **Name:2-Chlorophenol**
Mass:128.00 **Type:Target**
R.T:9.521 **Area:342817** **Conc:44.46410ppm**



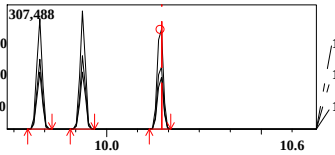
ID#:14 **Name:1,3-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.783 **Area:345258** **Conc:43.74921ppm**



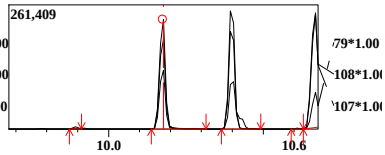
ID#:15 **Name:1,4-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.922 **Area:359197** **Conc:44.50432ppm**



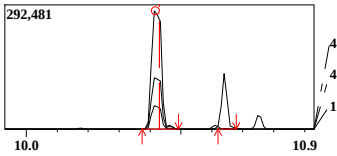
ID#:16 **Name:1,2-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:10.174 **Area:348486** **Conc:44.82454ppm**



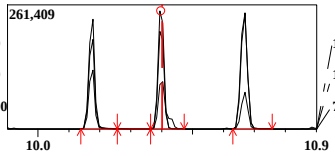
ID#:17 **Name:Benzyl Alcohol**
Mass:79.00 **Type:Target**
R.T:10.175 **Area:315218** **Conc:46.53181ppm**



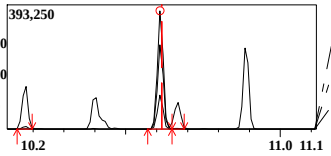
ID#:18 **Name:bis(2-Chloroisopropyl) Ether**
Mass:45.00 **Type:Target**
R.T:10.418 **Area:621991** **Conc:44.19668ppm**



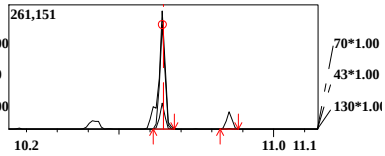
ID#:19 **Name:2-Methylphenol (o-Cresol)**
Mass:108.00 **Type:Target**
R.T:10.398 **Area:345695** **Conc:44.99252ppm**



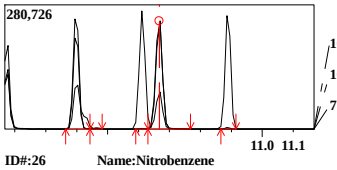
ID#:20 **Name:Acetophenone**
Mass:105.00 **Type:Target**
R.T:10.611 **Area:499862** **Conc:44.23797ppm**



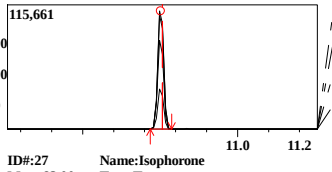
ID#:21 **Name:N-Nitrosodi-n-propylamine**
Mass:70.00 **Type:Target**
R.T:10.640 **Area:259656** **Conc:44.70174ppm**



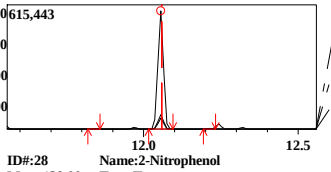
ID#:22 **Name:3+4-Methylphenol(m&p-Cresol)**
Mass:107.00 **Type:Target**
R.T:10.667 **Area:379986** **Conc:46.09226ppm**



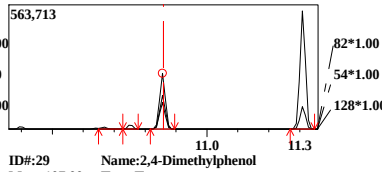
ID#:23 **Name:Hexachloroethane**
Mass:117.00 **Type:Target**
R.T:10.752 **Area:151912** **Conc:44.63651ppm**



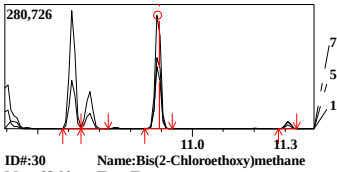
ID#:24 **Name:Naphthalene-d8 (IS)**
Mass:136.00 **Type:ISTD**
R.T:12.055 **Area:745003** **Conc:40.00000ppm**



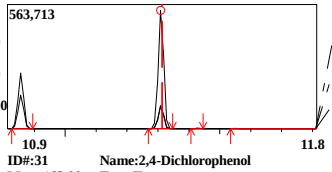
ID#:25 **Name:Nitrobenzene-d5**
Mass:82.00 **Type:Surrogate/SMC**
R.T:10.856 **Area:327930** **Conc:47.29716ppm**



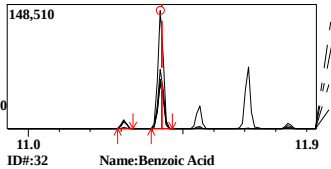
ID#:26 **Name:Nitrobenzene**
Mass:77.00 **Type:Target**
R.T:10.888 **Area:340884** **Conc:46.76276ppm**



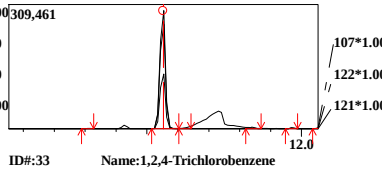
ID#:27 **Name:Isophorone**
Mass:82.00 **Type:Target**
R.T:11.309 **Area:675976** **Conc:47.08345ppm**



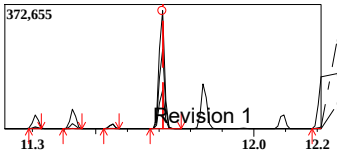
ID#:28 **Name:2-Nitrophenol**
Mass:139.00 **Type:Target**
R.T:11.427 **Area:175679** **Conc:49.16347ppm**



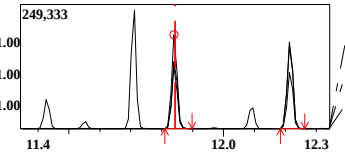
ID#:29 **Name:2,4-Dimethylphenol**
Mass:107.00 **Type:Target**
R.T:11.552 **Area:370956** **Conc:47.55928ppm**



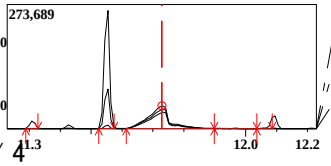
ID#:30 **Name:Bis(2-Chloroethoxy)methane**
Mass:93.00 **Type:Target**
R.T:11.710 **Area:424112** **Conc:46.55361ppm**



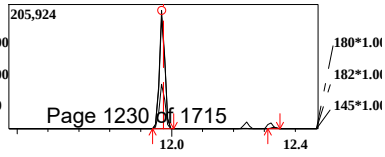
ID#:31 **Name:2,4-Dichlorophenol**
Mass:162.00 **Type:Target**
R.T:11.840 **Area:237387** **Conc:48.65296ppm**



ID#:32 **Name:Benzoic Acid**
Mass:105.00 **Type:Target**
R.T:11.730 **Area:249884** **Conc:50.73814ppm**

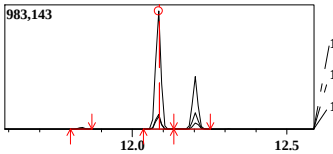


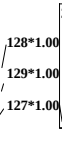
ID#:33 **Name:1,2,4-Trichlorobenzene**
Mass:180.00 **Type:Target**
R.T:11.968 **Area:242202** **Conc:46.89651ppm**



ID#:34 Name:Naphthalene
Mass:128.00 Type:Target

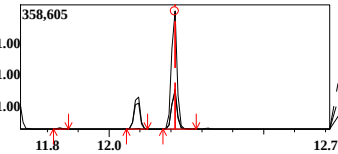
R.T:12.084 Area:1140037 Conc:44.71468ppm

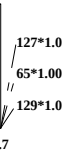




ID#:35 Name:4-Chloroaniline
Mass:127.00 Type:Target

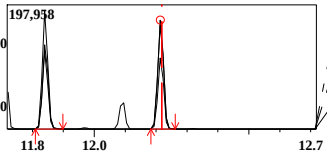
R.T:12.211 Area:433364 Conc:48.37913ppm

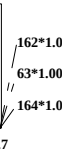




ID#:36 Name:2,6-Dichlorophenol
Mass:162.00 Type:Target

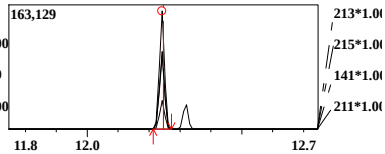
R.T:12.215 Area:229961 Conc:47.92547ppm





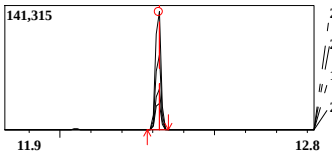
ID#:37 Name:Hexachloropropene
Mass:213.00 Type:Target

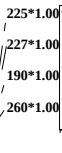
R.T:12.242 Area:181457 Conc:47.99643ppm



ID#:38 Name:Hexachlorobutadiene
Mass:225.00 Type:Target

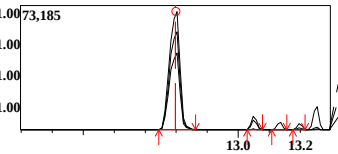
R.T:12.318 Area:170395 Conc:48.04614ppm

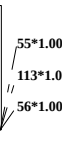




ID#:39 Name:Caprolactam
Mass:55.00 Type:Target

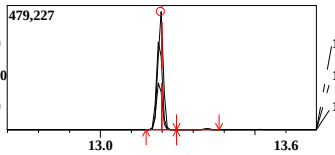
R.T:12.799 Area:164579 Conc:48.90724ppm

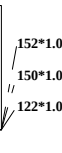




ID#:40 Name:2-Methylnaphthalene-d10
Mass:152.00 Type:Target

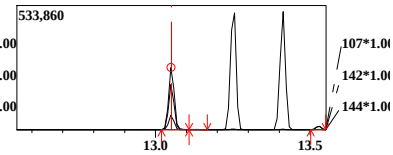
R.T:13.195 Area:553146 Conc:46.70227ppm





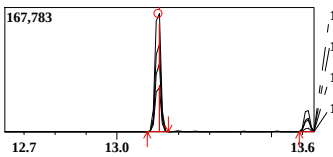
ID#:41 Name:4-Chloro-3-methylphenol
Mass:107.00 Type:Target

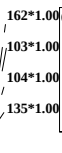
R.T:13.051 Area:343728 Conc:48.28640ppm



ID#:42 Name:Safrole
Mass:162.00 Type:Target

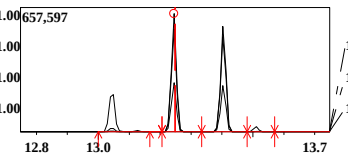
R.T:13.133 Area:219113 Conc:46.00093ppm

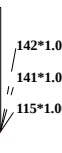




ID#:43 Name:2-Methylnaphthalene
Mass:142.00 Type:Target

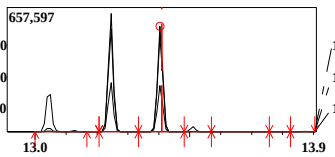
R.T:13.245 Area:724491 Conc:44.59214ppm

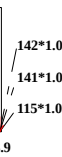




ID#:44 Name:1-Methylnaphthalene
Mass:142.00 Type:Target

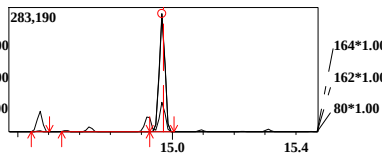
R.T:13.404 Area:681994 Conc:44.25427ppm





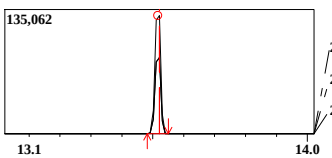
ID#:45 Name:Acenaphthene-d10 (IS)
Mass:164.00 Type:ISTD

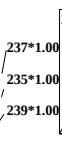
R.T:14.967 Area:352102 Conc:40.00000ppm



ID#:46 Name:Hexachlorocyclopentadiene
Mass:237.00 Type:Target

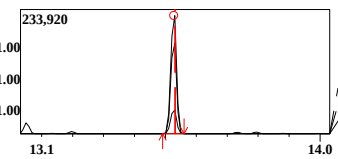
R.T:13.516 Area:177799 Conc:45.67047ppm

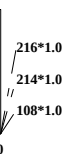




ID#:47 Name:1,2,4,5-Tetrachlorobenzene
Mass:216.00 Type:Target

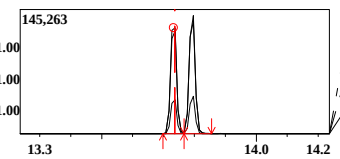
R.T:13.528 Area:297406 Conc:47.43656ppm

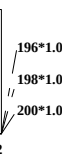




ID#:48 Name:2,4,6-Trichlorophenol
Mass:196.00 Type:Target

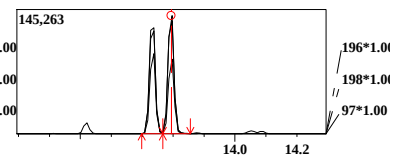
R.T:13.733 Area:180338 Conc:48.64297ppm





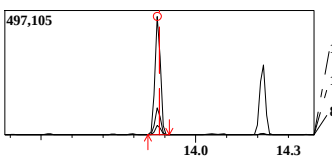
ID#:49 Name:2,4,5-Trichlorophenol
Mass:196.00 Type:Target

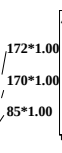
R.T:13.793 Area:191172 Conc:47.31789ppm



ID#:50 Name:2-Fluorobiphenyl
Mass:172.00 Type:Surrogate/SMC

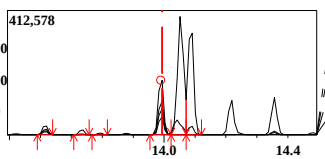
R.T:13.877 Area:587303 Conc:46.00025ppm

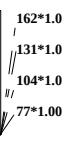




ID#:51 Name:Isosafrole
Mass:162.00 Type:Target

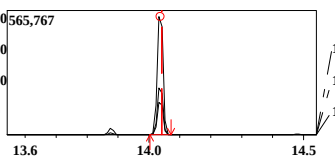
R.T:13.990 Area:232666 Conc:46.41904ppm

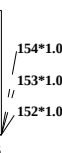




ID#:52 Name:1,1'-Biphenyl
Mass:154.00 Type:Target

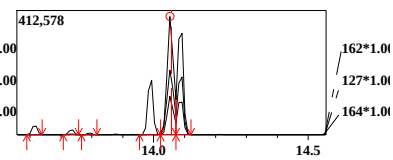
R.T:14.036 Area:732937 Conc:46.13651ppm





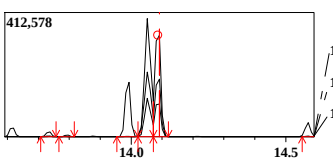
ID#:53 Name:2-Chloronaphthalene
Mass:162.00 Type:Target

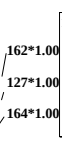
R.T:14.053 Area:581658 Conc:47.19571ppm



ID#:54 Name:1-Chloronaphthalene
Mass:162.00 Type:Target

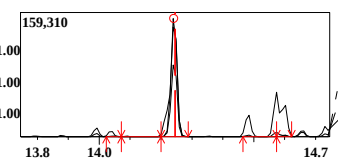
R.T:14.087 Area:431641 Conc:44.74358ppm

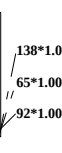




ID#:55 Name:2-Nitroaniline
Mass:138.00 Type:Target

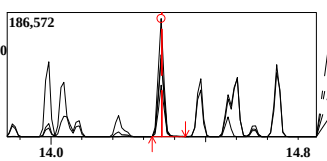
R.T:14.241 Area:209729 Conc:47.27606ppm

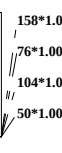




ID#:56 Name:1,4-Naphthoquinone
Mass:158.00 Type:Target

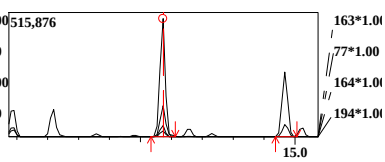
R.T:14.356 Area:224816 Conc:45.85381ppm





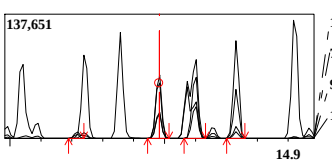
ID#:57 Name:Dimethyl phthalate
Mass:163.00 Type:Target

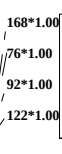
R.T:14.572 Area:590708 Conc:46.02469ppm



ID#:58 Name:1,3-Dinitrobenzene
Mass:168.00 Type:Target

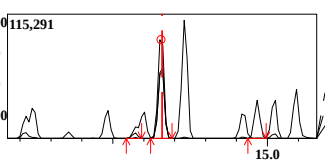
R.T:14.481 Area:86152 Conc:44.65178ppm

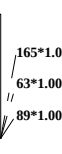




ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT)
Mass:165.00 Type:Target

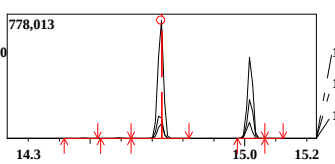
R.T:14.656 Area:131807 Conc:47.89667ppm

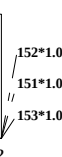




ID#:60 Name:Acenaphthylene
Mass:152.00 Type:Target

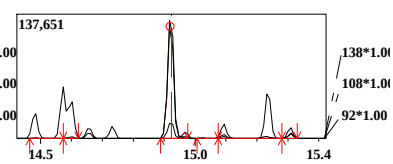
R.T:14.729 Area:949223 Conc:44.08364ppm





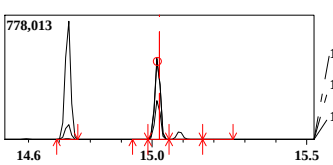
ID#:61 Name:3-Nitroaniline
Mass:138.00 Type:Target

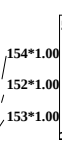
R.T:14.920 Area:175099 Conc:47.42107ppm



ID#:62 Name:Acenaphthene
Mass:154.00 Type:Target

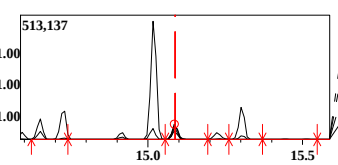
R.T:15.017 Area:631149 Conc:44.17140ppm

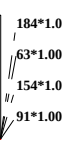




ID#:63 Name:2,4-Dinitrophenol
Mass:184.00 Type:Target

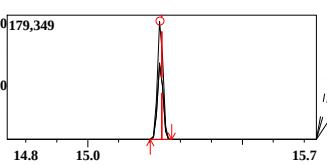
R.T:15.086 Area:81886 Conc:49.67960ppm

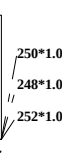




ID#:64 Name:Pentachlorobenzene
Mass:250.00 Type:Target

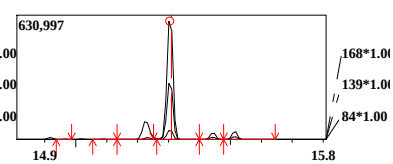
R.T:15.234 Area:220826 Conc:45.56696ppm





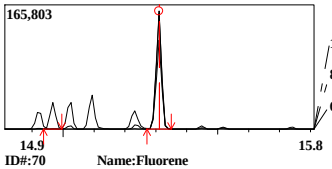
ID#:65 Name:Dibenzofuran
Mass:168.00 Type:Target

R.T:15.304 Area:862205 Conc:44.77662ppm



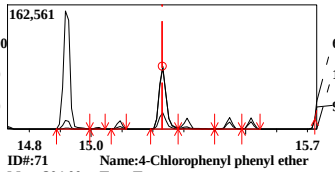
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT)
Mass:165.00 Type:Target

R.T:15.310 Area:190509 Conc:47.98435ppm



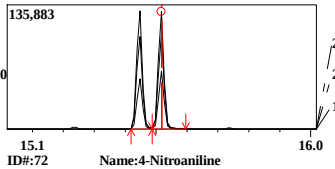
ID#:67 Name:4-Nitrophenol
Mass:65.00 Type:Target

R.T:15.231 Area:133336 Conc:46.25062ppm



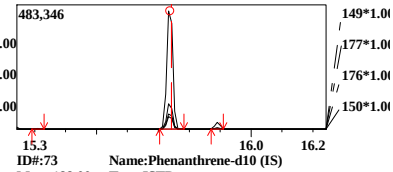
ID#:68 Name:2,3,4,6-Tetrachlorophenol
Mass:232.00 Type:Target

R.T:15.516 Area:166836 Conc:48.83598ppm



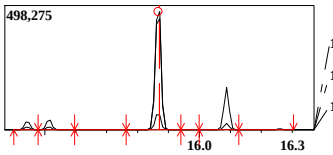
ID#:69 Name:Diethyl phthalate
Mass:149.00 Type:Target

R.T:15.737 Area:645298 Conc:46.15755ppm



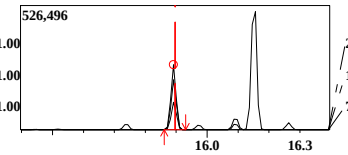
ID#:70 Name:Fluorene
Mass:166.00 Type:Target

R.T:15.867 Area:677908 Conc:43.63054ppm



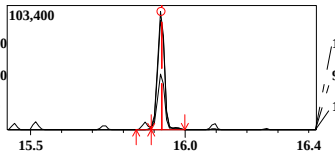
ID#:71 Name:4-Chlorophenyl phenyl ether
Mass:204.00 Type:Target

R.T:15.891 Area:323827 Conc:46.81675ppm



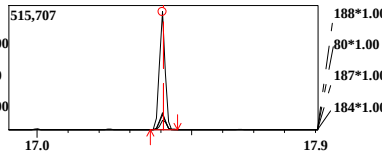
ID#:72 Name:4-Nitroaniline
Mass:138.00 Type:Target

R.T:15.922 Area:154531 Conc:44.96287ppm



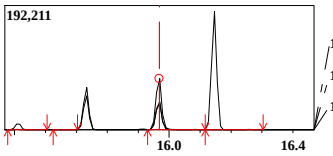
ID#:73 Name:Phenanthrene-d10 (IS)
Mass:188.00 Type:ISTD

R.T:17.405 Area:638304 Conc:40.00000ppm



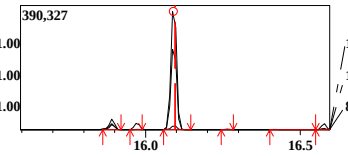
ID#:74 Name:4,6-Dinitro-2-methylphenol
Mass:198.00 Type:Target

R.T:15.967 Area:107135 Conc:49.09393ppm



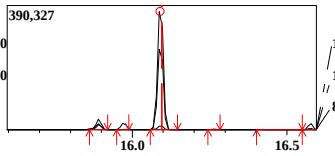
ID#:75 Name:N-Nitrosodiphenylamine
Mass:169.00 Type:Target

R.T:16.091 Area:511623 Conc:46.33034ppm



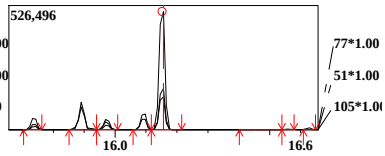
ID#:76 Name:Diphenylamine
Mass:169.00 Type:Target

R.T:16.091 Area:511623 Conc:46.33034ppm



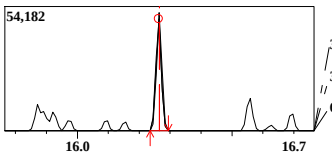
ID#:77 Name:1,2-Diphenylhydrazine
Mass:77.00 Type:Target

R.T:16.153 Area:684463 Conc:46.29223ppm



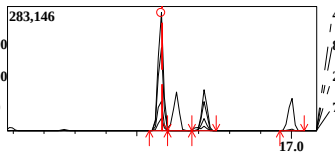
ID#:78 Name:2,4,6-Tribromophenol
Mass:330.00 Type:Surrogate/SMC

R.T:16.263 Area:62769 Conc:43.51089ppm



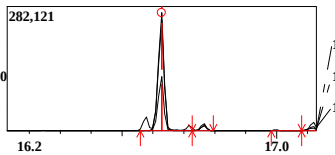
ID#:79 Name:(cis/trans)-Diallate
Mass:43.00 Type:Target

R.T:16.578 Area:322459 Conc:46.22279ppm



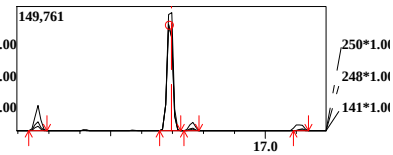
ID#:80 Name:Phenacetin
Mass:108.00 Type:Target

R.T:16.627 Area:358507 Conc:49.46337ppm



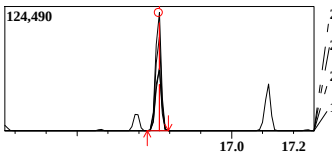
ID#:81 Name:4-Bromophenyl phenyl ether
Mass:250.00 Type:Target

R.T:16.691 Area:171566 Conc:46.81113ppm



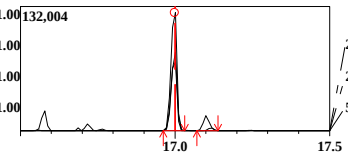
ID#:82 Name:Hexachlorobenzene
Mass:284.00 Type:Target

R.T:16.764 Area:153666 Conc:45.99755ppm



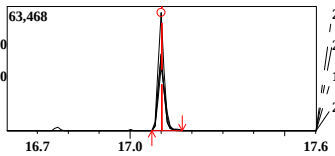
ID#:83 Name:Atrazine
Mass:200.00 Type:Target

R.T:16.998 Area:173195 Conc:46.89623ppm



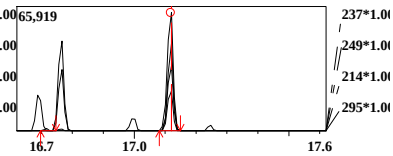
ID#:84 Name:Pentachlorophenol
Mass:266.00 Type:Target

R.T:17.100 Area:81901 Conc:44.58013ppm



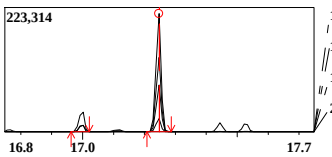
ID#:85 Name:Pentachloronitrobenzene
Mass:237.00 Type:Target

R.T:17.117 Area:86314 Conc:49.48602ppm



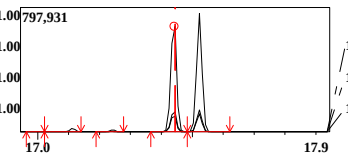
ID#:86 Name:Pronamide (Kerb)
Mass:173.00 Type:Target

R.T:17.246 Area:249105 Conc:46.11901ppm



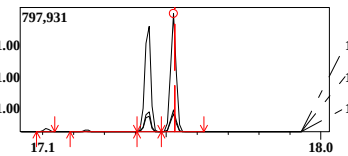
ID#:87 Name:Phenanthrene
Mass:178.00 Type:Target

R.T:17.441 Area:936122 Conc:44.10822ppm



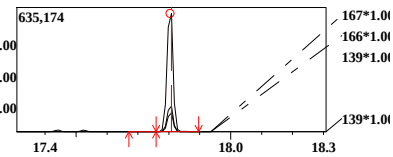
ID#:88 Name:Anthracene
Mass:178.00 Type:Target

R.T:17.523 Area:954758 Conc:43.17675ppm



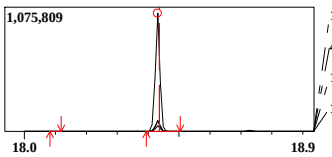
ID#:89 Name:Carbazole
Mass:167.00 Type:Target

R.T:17.805 Area:860925 Conc:43.74434ppm



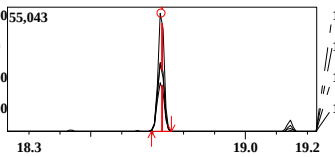
ID#:90 Name:Di-n-butyl phthalate
Mass:149.00 Type:Target

R.T:18.430 Area:1102898 Conc:47.51869ppm



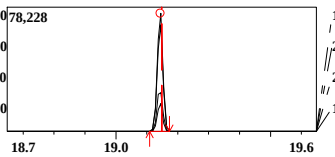
ID#:91 Name:4-Nitroquinoline-N-Oxide
Mass:190.00 Type:Target

R.T:18.727 Area:73248 Conc:45.63663ppm



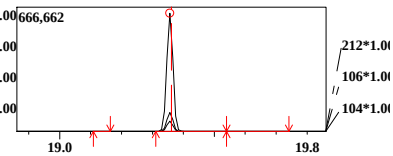
ID#:92 Name:Isodrin
Mass:193.00 Type:Target

R.T:19.144 Area:99253 Conc:47.25169ppm



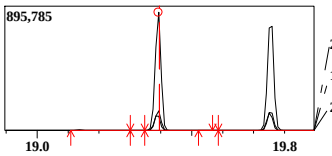
ID#:93 Name:Fluoranthene-d10
Mass:212.00 Type:Target

R.T:19.357 Area:910084 Conc:45.97363ppm



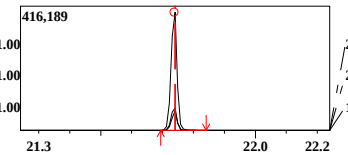
ID#:94 Name:Fluoranthene
Mass:202.00 Type:Target

R.T:19.392 Area:1117932 Conc:42.89842ppm



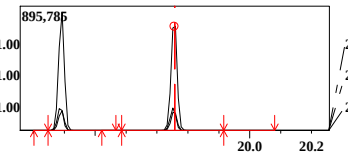
ID#:95 Name:Chrysene-d12 (IS)
Mass:240.00 Type:ISTD

R.T:21.738 Area:549104 Conc:40.00000ppm



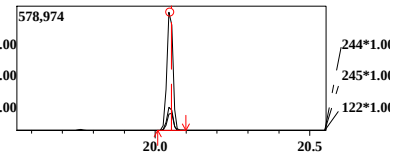
ID#:96 Name:Pyrene
Mass:202.00 Type:Target

R.T:19.755 Area:1141042 Conc:44.24138ppm



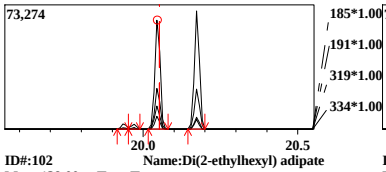
ID#:97 Name:p-Terphenyl-d14
Mass:244.00 Type:Surrogate/SMC

R.T:20.047 Area:750618 Conc:45.93093ppm



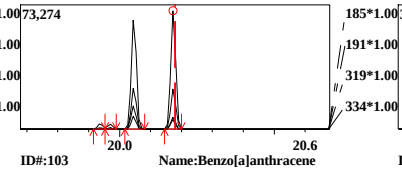
ID#:98 Name:Aramite A
Mass:185.00 Type:Target

R.T:20.046 Area:77420 Conc:23.01930ppm



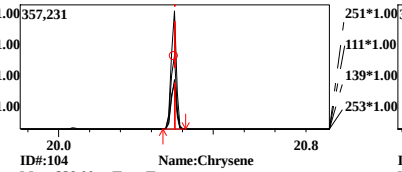
ID#:99 Name:Aramite B
Mass:185.00 Type:Target

R.T:20.173 Area:79708 Conc:24.31013ppm



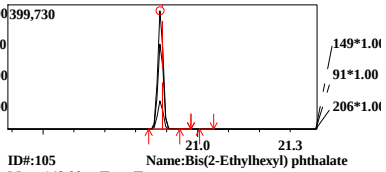
ID#:100 Name:Chlorobenzilate
Mass:251.00 Type:Target

R.T:20.372 Area:254259 Conc:50.34715ppm



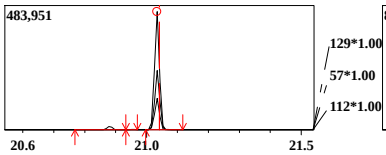
ID#:101 Name:Butyl benzyl phthalate
Mass:149.00 Type:Target

R.T:20.880 Area:469529 Conc:48.02103ppm



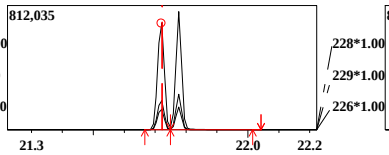
ID#:102 Name:Di(2-ethylhexyl) adipate
Mass:129.00 Type:Target

R.T:21.034 Area:509874 Conc:48.42897ppm



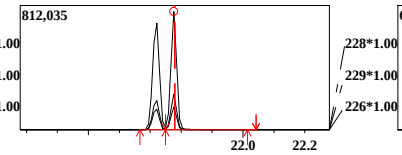
ID#:103 Name:Benzo[a]anthracene
Mass:228.00 Type:Target

R.T:21.720 Area:1073698 Conc:46.35476ppm



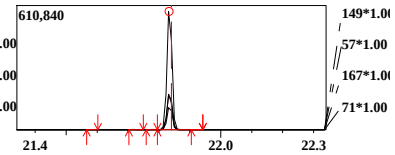
ID#:104 Name:Chrysene
Mass:228.00 Type:Target

R.T:21.776 Area:1017133 Conc:43.83521ppm



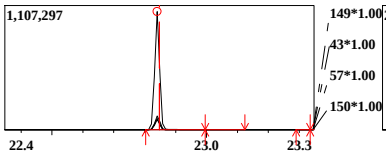
ID#:105 Name:Bis(2-Ethylhexyl) phthalate
Mass:149.00 Type:Target

R.T:21.834 Area:702141 Conc:48.94375ppm



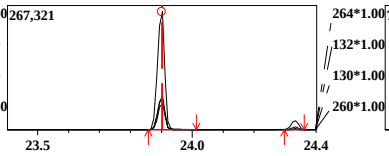
ID#:106 Name:Di-n-octyl phthalate
Mass:149.00 Type:Target

R.T:22.840 Area:1176901 Conc:49.13391ppm



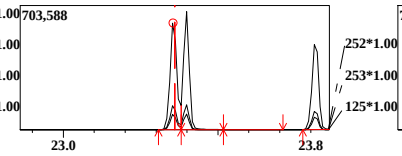
ID#:107 Name:Perylene-d12 (IS)
Mass:264.00 Type:ISTD

R.T:23.900 Area:415133 Conc:40.00000ppm



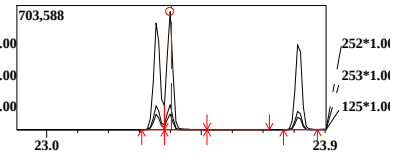
ID#:108 Name:Benzo[b]fluoranthene
Mass:252.00 Type:Target

R.T:23.355 Area:965712 Conc:46.98099ppm



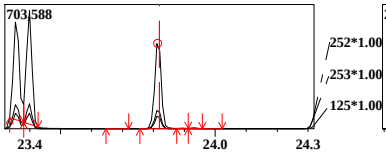
ID#:109 Name:Benzo[k]fluoranthene
Mass:252.00 Type:Target

R.T:23.398 Area:824820 Conc:42.10632ppm



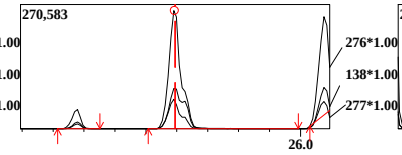
ID#:110 Name:Benzo[a]pyrene
Mass:252.00 Type:Target

R.T:23.815 Area:754508 Conc:46.95612ppm



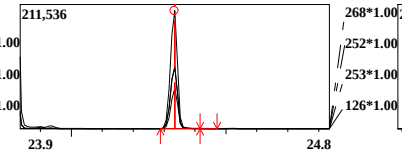
ID#:111 Name:Indeno(1,2,3-cd)pyrene
Mass:276.00 Type:Target

R.T:25.593 Area:717068 Conc:56.31799ppm



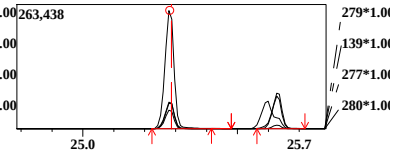
ID#:112 Name:3-Methylcholanthrene
Mass:268.00 Type:Target

R.T:24.332 Area:319806 Conc:44.52434ppm



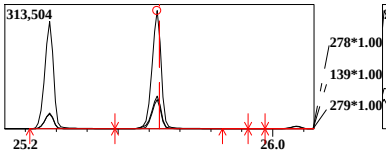
ID#:113 Name:Dibenz(a,j)Acridine
Mass:279.00 Type:Target

R.T:25.281 Area:515720 Conc:48.98393ppm



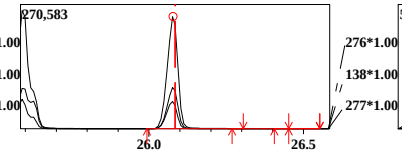
ID#:114 Name:Dibenzo[a,h]anthracene
Mass:278.00 Type:Target

R.T:25.625 Area:624439 Conc:47.93291ppm



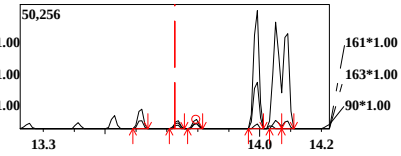
ID#:115 Name:Benzo[g,h,i]perylene
Mass:276.00 Type:Target

R.T:26.078 Area:597032 Conc:47.08080ppm



ID#:128 Name:2,3-Dichloroaniline
Mass:161.00 Type:Target

R.T:13.794 Area:5291 Conc:0.88196ppm



Advanced Environmental Laboratories, Inc.

Continuing Calibration Verification Summary Report

FORM 7

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Calibration Date/Time: 12/14/2022 09:54

Lab File ID: 221214H004.qgd

Instrument ID: J7H

Lab Sample ID: A CCV6

Parameter	Spike Added	CCV Result	CCV %D	QC Limits Q	QC Limits % D
1-Methylnaphthalene*	50.0	44.2	12		20
2-Methylnaphthalene*	50.0	44.5	11		20
Benzo[a]anthracene*	50.0	44.7	11		20
Bis(2-Ethylhexyl) phthalate	50.0	47.0	6.1		20
Dibenzo[a,h]anthracene*	50.0	46.6	6.8		20
Naphthalene*	50.0	45.2	9.6		20
2,4,6-Tribromophenol	50.0	44.0	12		20
2-Fluorobiphenyl	50.0	45.9	8.3		20
2-Fluorophenol	50.0	50.0	0.10		20
2-Methylnapthalene-d10	50.0	45.4	9.1		20
Fluoranthene-d10	50.0	46.3	7.3		20
Nitrobenzene-d5	50.0	47.2	5.6		20
Phenol-d6	50.0	50.3	0.50		20
p-Terphenyl-d14	50.0	45.1	9.9		20

Analyst: CMN Instrument: J7H Trace Number: SVOC-BO45-F14-Y
Method: 8270C/D/E/625.1 Batch:
Sample ID: A CCV6 Data File: C:\GCMSsolution\Data\221214H004.qgd
Date: 12/14/2022 Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm
Time: 09:54:27 Sample Name: A CCV6
Dilution: 1

Internal Standard

ID#	Name	Mass	Time	Area	Conc.
1	1,4-Dichlorobenzene-d4 (IS)	150.00	9.89	257304	40.00
24	Naphthalene-d8 (IS)	136.00	12.06	693620	40.00
45	Acenaphthene-d10 (IS)	164.00	14.97	328901	40.00
73	Phenanthrene-d10 (IS)	188.00	17.40	615376	40.00
95	Chrysene-d12 (IS)	240.00	21.74	558424	40.00
107	Perylene-d12 (IS)	264.00	23.90	415895	40.00

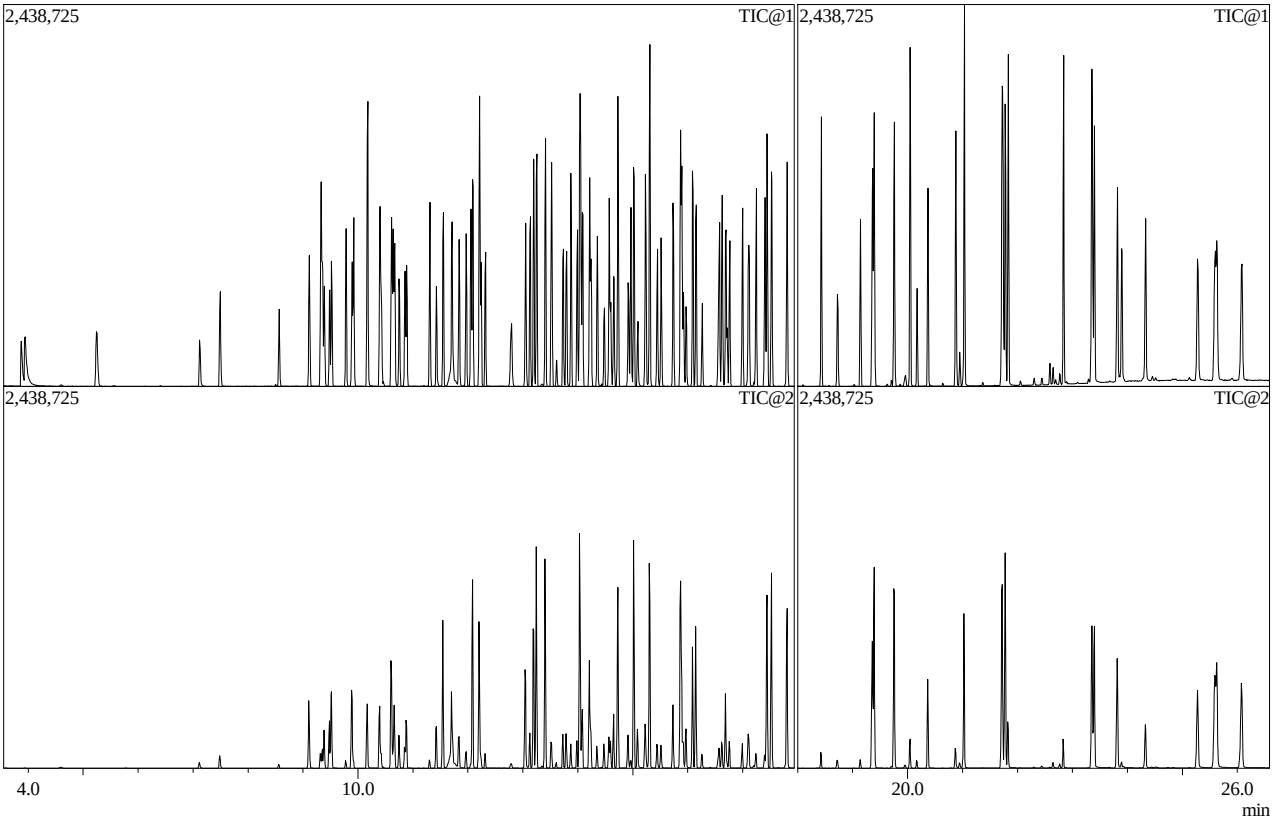
Surrogate

ID#	Name	Mass	Time	Area	Conc.
5	2-Fluorophenol	112.00	7.49	305519	50.04
10	Phenol-d6	99.00	9.33	367763	50.25
25	Nitrobenzene-d5	82.00	10.86	304721	47.21
50	2-Fluorobiphenyl	172.00	13.88	547100	45.87
78	2,4,6-Tribromophenol	330.00	16.26	61287	44.03
97	p-Terphenyl-d14	244.00	20.05	749031	45.07

Target

ID#	Name	Mass	Time	Area	Conc.
2	N-Nitrosodimethylamine	74.00	3.87	276175	55.35
3	Pyridine	79.00	3.94	353347	51.19
4	Methyl methanesulfonate	80.00	7.12	170522	49.70
6	Ethyl methanesulfonate	79.00	8.57	228740	49.36
7	Benzaldehyde	106.00	9.11	250801	48.82
8	Aniline	93.00	9.32	468732	48.39
9	Pentachloroethane	167.00	9.39	90898	48.01
11	Phenol	94.00	9.36	460094	50.65
12	bis(2-Chloroethyl)Ether	93.00	9.48	338350	49.88
13	2-Chlorophenol	128.00	9.52	324510	50.43
14	1,3-Dichlorobenzene	146.00	9.78	321316	48.79
15	1,4-Dichlorobenzene	146.00	9.92	330531	49.07
16	1,2-Dichlorobenzene	146.00	10.17	318764	49.13
17	Benzyl Alcohol	79.00	10.17	286791	50.73
18	bis(2-Chloroisopropyl) Ether	45.00	10.42	574888	48.95
19	2-Methylphenol (o-Cresol)	108.00	10.40	323411	50.44
20	Acetophenone	105.00	10.61	470540	49.90
21	N-Nitrosodi-n-propylamine	70.00	10.64	241304	49.78
22	3+4-Methylphenol(m&p-Cresol)	107.00	10.67	350860	51.00
23	Hexachloroethane	117.00	10.75	138444	48.74
26	Nitrobenzene	77.00	10.89	318299	46.90
27	Isophorone	82.00	11.31	641689	48.01
28	2-Nitrophenol	139.00	11.43	166164	49.95
29	2,4-Dimethylphenol	107.00	11.55	341266	46.99
30	Bis(2-Chloroethoxy)methane	93.00	11.71	400631	47.23
31	2,4-Dichlorophenol	162.00	11.84	218424	48.08
32	Benzoic Acid	105.00	11.73	242302	52.52
33	1,2,4-Trichlorobenzene	180.00	11.97	220938	45.95
34	Naphthalene	128.00	12.08	1072749	45.19
35	4-Chloroaniline	127.00	12.21	402419	48.25
36	2,6-Dichlorophenol	162.00	12.21	212317	47.53
37	Hexachloropropene	213.00	12.24	168053	47.74
38	Hexachlorobutadiene	225.00	12.32	151134	45.77
39	Caprolactam	55.00	12.79	160705	51.29
40	2-Methylnaphthalene-d10	152.00	13.19	500953	45.43
41	4-Chloro-3-methylphenol	107.00	13.05	329852	49.77
42	Safrole	162.00	13.13	207974	46.90
43	2-Methylnaphthalene	142.00	13.24	672426	44.45
44	1-Methylnaphthalene	142.00	13.40	633970	44.19
46	Hexachlorocyclopentadiene	237.00	13.52	153168	42.42
47	1,2,4,5-Tetrachlorobenzene	216.00	13.53	276493	47.21
48	2,4,6-Trichlorophenol	196.00	13.73	168669	48.70
49	2,4,5-Trichlorophenol	196.00	13.79	180901	47.93
51	Isosafrole	162.00	13.99	220875	47.18
52	1,1'-Biphenyl	154.00	14.04	675324	45.51
53	2-Chloronaphthalene	162.00	14.05	542873	47.16
54	1-Chloronaphthalene	162.00	14.09	394877	43.82
55	2-Nitroaniline	138.00	14.24	208616	50.34
56	1,4-Naphthoquinone	158.00	14.36	216615	47.30
57	Dimethyl phthalate	163.00	14.57	563817	47.03
58	1,3-Dinitrobenzene	168.00	14.48	82724	45.82

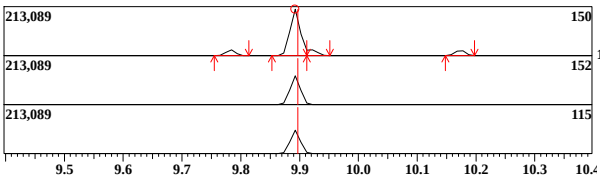
ID#	Name	Mass	Time	Area	Conc.
59	2,6-Dinitrotoluene (2,6-DNT)	165.00	14.66	124821	48.56
60	Acenaphthylene	152.00	14.73	890003	44.25
61	3-Nitroaniline	138.00	14.92	171693	49.78
62	Acenaphthene	154.00	15.02	589496	44.17
63	2,4-Dinitrophenol	184.00	15.09	82487	53.04
64	Pentachlorobenzene	250.00	15.23	207400	45.82
65	Dibenzofuran	168.00	15.30	819659	45.55
66	2,4-Dinitrotoluene (2,4-DNT)	165.00	15.31	183541	49.49
67	4-Nitrophenol	65.00	15.23	132794	48.98
68	2,3,4,6-Tetrachlorophenol	232.00	15.52	161662	50.66
69	Diethyl phthalate	149.00	15.74	624106	47.79
70	Fluorene	166.00	15.87	651037	44.86
71	4-Chlorophenyl phenyl ether	204.00	15.89	299562	46.36
72	4-Nitroaniline	138.00	15.92	161884	50.42
74	4,6-Dinitro-2-methylphenol	198.00	15.97	106930	52.13
75	N-Nitrosodiphenylamine	169.00	16.09	497567	46.74
76	Diphenylamine	169.00	16.09	497567	46.74
77	1,2-Diphenylhydrazine	77.00	16.15	663438	46.54
79	(cis/trans)-Diallate	43.00	16.58	310276	46.13
80	Phenacetin	108.00	16.63	357296	51.13
81	4-Bromophenyl phenyl ether	250.00	16.69	162923	46.11
82	Hexachlorobenzene	284.00	16.76	141865	44.05
83	Atrazine	200.00	17.00	169639	47.64
84	Pentachlorophenol	266.00	17.10	80522	45.35
85	Pentachloronitrobenzene	237.00	17.12	82390	49.00
86	Pronamide (Kerb)	173.00	17.25	246387	47.32
87	Phenanthrene	178.00	17.44	915303	44.73
88	Anthracene	178.00	17.52	926174	43.44
89	Carbazole	167.00	17.81	852687	44.94
90	Di-n-butyl phthalate	149.00	18.43	1071252	47.87
91	4-Nitroquinoline-N-Oxide	190.00	18.73	76153	48.51
92	Isodrin	193.00	19.14	96517	47.66
93	Fluoranthene-d10	212.00	19.36	884332	46.34
94	Fluoranthene	202.00	19.39	1115337	44.39
96	Pyrene	202.00	19.76	1133598	43.22
98	Aramite A	185.00	20.05	74991	21.97
99	Aramite B	185.00	20.17	80506	24.14
100	Chlorobenzilate	251.00	20.37	246654	48.03
101	Butyl benzyl phthalate	149.00	20.88	469818	47.25
102	Di(2-ethylhexyl) adipate	129.00	21.03	499180	46.62
103	Benzo[a]anthracene	228.00	21.72	1051120	44.67
104	Chrysene	228.00	21.78	995820	42.20
105	Bis(2-Ethylhexyl) phthalate	149.00	21.83	685093	46.96
106	Di-n-octyl phthalate	149.00	22.84	1175933	48.27
108	Benzo[b]fluoranthene	252.00	23.36	879790	42.72
109	Benzo[k]fluoranthene	252.00	23.40	859945	43.82
110	Benzo[a]pyrene	252.00	23.81	733639	45.57
111	Indeno(1,2,3-cd)pyrene	276.00	25.59	604913	48.77
112	3-Methylcholanthrene	268.00	-	---	N.D.
113	Dibenz(a,j)Acridine	279.00	25.28	520177	49.32
114	Dibenzo[a,h]anthracene	278.00	25.62	605950	46.59
115	Benzo[g,h,i]perylene	276.00	26.08	591017	46.52
116	2-Picoline (2-Methylpyridine)	93.00	-	---	N.D.(Peak)
117	N-Nitrosomethylethylamine	88.00	-	---	N.D.(Peak)
118	N-Nitrosodiethylamine	102.00	-	---	N.D.(Peak)
119	n-Decane	57.00	-	---	N.D.(Ref)
120	N-Nitrosopyrrolidine	100.00	-	---	N.D.(Peak)
121	N-Nitrosomorpholine	56.00	-	---	N.D.(Ref)
122	o-Toluidine	106.00	-	---	N.D.(Ref)
123	N-Nitrosopiperidine	114.00	-	---	N.D.(Peak)
124	a,a-Dimethylphenethylamine	58.00	-	---	N.D.(Peak)
125	Alpha-Terpineol	59.00	-	---	N.D.(Ref)
126	p-Phenylenediamine	108.00	-	---	N.D.(Ref)
127	N-Nitrosodi-n-butylamine	84.00	-	---	N.D.(Ref)
128	2,3-Dichloroaniline	161.00	-	---	N.D.
129	1-Naphthylamine	143.00	-	---	N.D.(Ref)
130	2-Naphthylamine	143.00	-	---	N.D.(Ref)
131	5-Nitro-o-Toluidine	152.00	-	---	N.D.(Ref)
132	4-Aminobiphenyl	169.00	-	---	N.D.(Ref)
133	n-Octadecane	57.00	-	---	N.D.(Ref)
134	Benzidine	184.00	-	---	N.D.(Ref)
135	4-Dimethyl aminoazobenzene	120.00	-	---	N.D.(Ref)
136	3,3'-Dimethylbenzidine	212.00	-	---	N.D.(Ref)
137	2-Acetylaminofluorene	181.00	-	---	N.D.(Ref)
138	3,3`-Dichlorobenzidine	252.00	-	---	N.D.(Peak)
139	7,12-Dimethylbenz[a]anthracene	256.00	-	---	N.D.(Ref)


2,438,725
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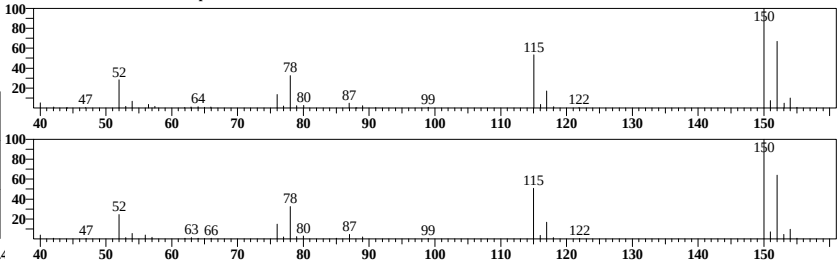
ID#:1 Name:1,4-Dichlorobenzene-d4 (IS) Type:ISTD Manual Integration Performed
Manual Reason: Split peak. CMN 12/14/2022

Mass:150.00 R.T:9.892 Area:257304 Conc:40.00000ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	152.00	78485	66.91	65.66
2	115.00	62476	53.27	48.88



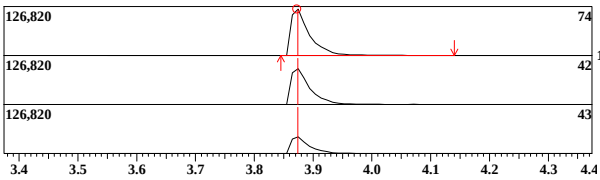
ID#:1 R.Time:9.893(Scan#:1291)
MassPeaks:35
RawMode:Averaged 9.883-9.902(1289-1293)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



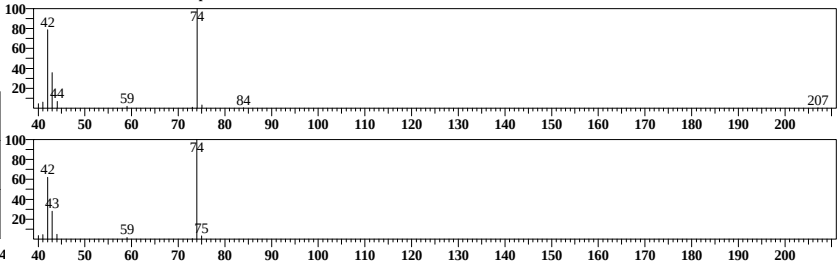
ID#:2 Name:N-Nitrosodimethylamine Type:Target Manual Integration Performed
Manual Reason: Baseline smoothing. CMN 12/14/2022

Mass:74.00 R.T:3.872 Area:276175 Conc:55.35409ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	42.00	81654	78.77	72.10
2	43.00	36943	35.64	38.30



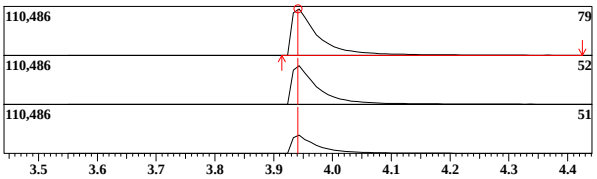
ID#:2 R.Time:3.874(Scan#:67)
MassPeaks:11
RawMode:Averaged 3.865-3.884(65-69)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



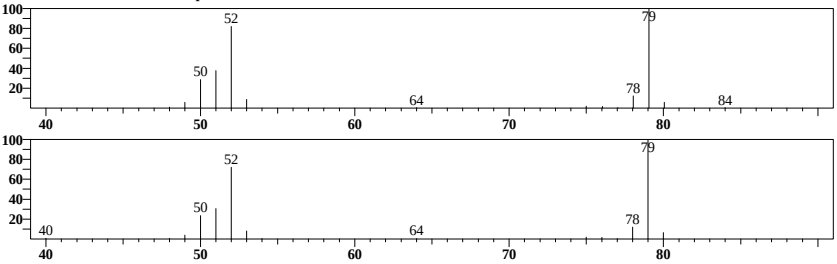
ID#:3 Name:Pyridine Type:Target Manual Integration Performed
Manual Reason: Baseline smoothing. CMN 12/14/2022

Mass:79.00 R.T:3.942 Area:353347 Conc:51.19398ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	52.00	78788	82.10	80.35
2	51.00	36114	37.63	37.95

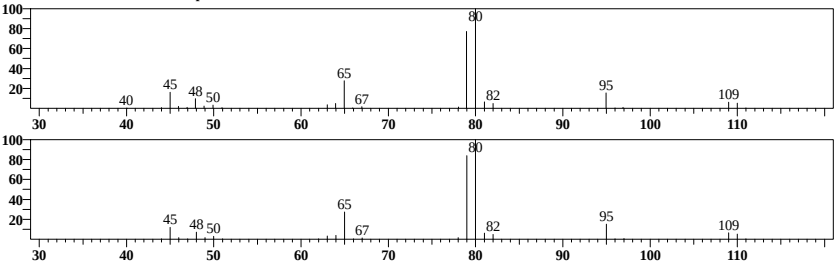


ID#:3 R.Time:3.943(Scan#:81)
MassPeaks:14
RawMode:Averaged 3.934-3.953(79-83)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



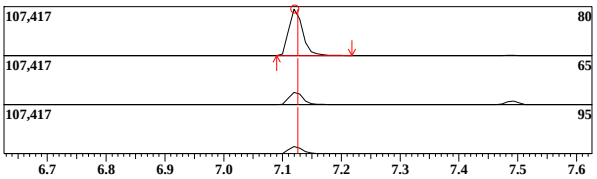
ID#:4 Name:Methyl methanesulfonate Type:Target No Manual Integration

ID#:4 R.Time:7.120(Scan#:727)
MassPeaks:25
RawMode:Averaged 7.110-7.129(725-729)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



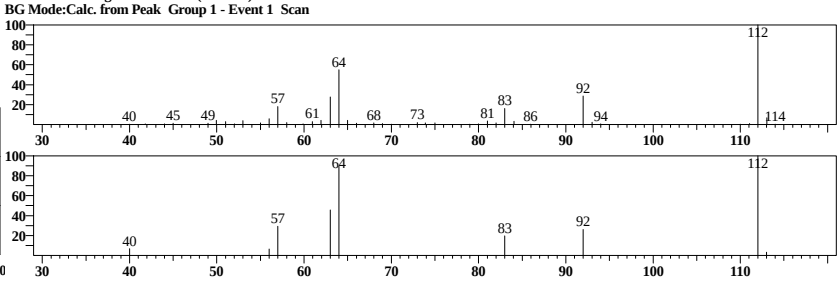
Mass:80.00 R.T:7.121 Area:170522 Conc:49.70103ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	65.00	21795	27.59	35.13
2	95.00	12289	15.56	18.43



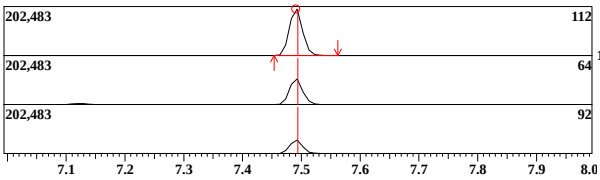
ID#:5 Name:2-Fluorophenol Type:Surrogate/SMC No Manual Integration

ID#:5 R.Time:7.493(Scan#:803)
MassPeaks:47
RawMode:Averaged 7.483-7.503(801-805)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



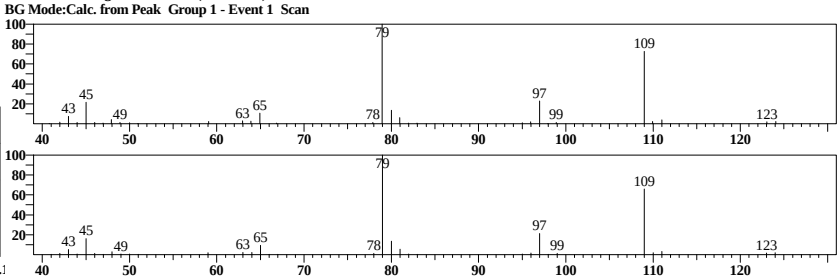
Mass:112.00 R.T:7.491 Area:305519 Conc:50.03786ppm
Event:1:Scan SI:85

#	m/z	Area	Ratio	Reference
1	64.00	80388	54.99	72.76
2	92.00	41860	28.64	26.11



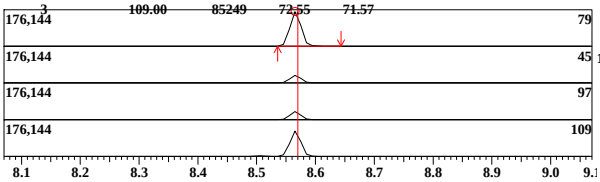
ID#:6 Name:Ethyl methanesulfonate Type:Target No Manual Integration

ID#:6 R.Time:8.565(Scan#:1021)
MassPeaks:32
RawMode:Averaged 8.555-8.575(1019-1023)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



Mass:79.00 R.T:8.565 Area:228740 Conc:49.35684ppm
Event:1:Scan SI:97

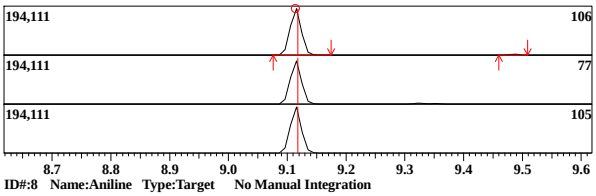
#	m/z	Area	Ratio	Reference
1	45.00	25327	21.56	17.15
2	97.00	26751	22.77	24.70
3	109.00	85249	72.55	71.57



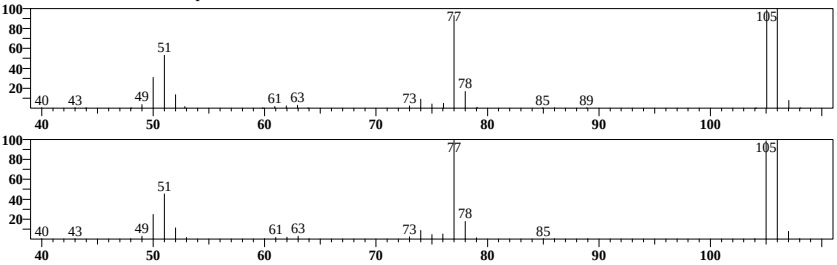
ID#:7 Name:Benzaldehyde Type:Target No Manual Integration

Mass:106.00 R.T:9.114 Area:250801 Conc:48.81887ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	77.00	119853	93.08	85.00
2	105.00	126985	98.62	96.78



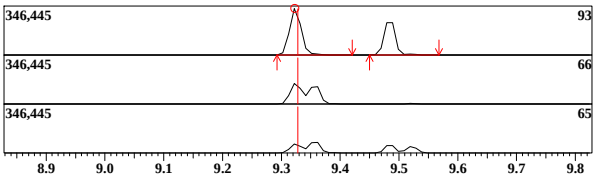
ID#:7 R.Time:9.116(Scan#:1133)
MassPeaks:29
RawMode:Averaged 9.106-9.126(1131-1135)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



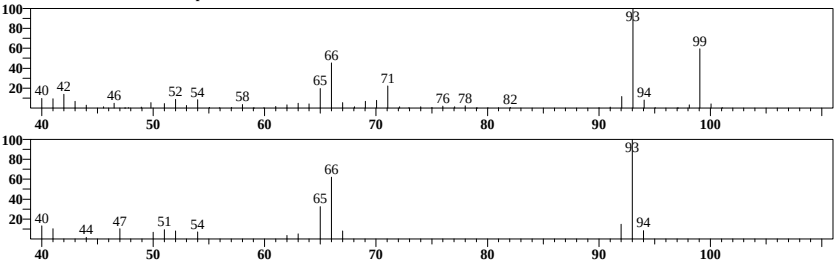
ID#:8 Name:Aniline Type:Target No Manual Integration

Mass:93.00 R.T:9.323 Area:468732 Conc:48.38645ppm
Event:1:Scan SI:72

#	m/z	Area	Ratio	Reference
1	66.00	105725	45.23	46.22
2	65.00	46123	19.73	22.48



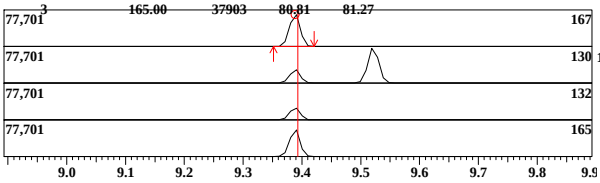
ID#:8 R.Time:9.322(Scan#:1175)
MassPeaks:54
RawMode:Averaged 9.312-9.332(1173-1177)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



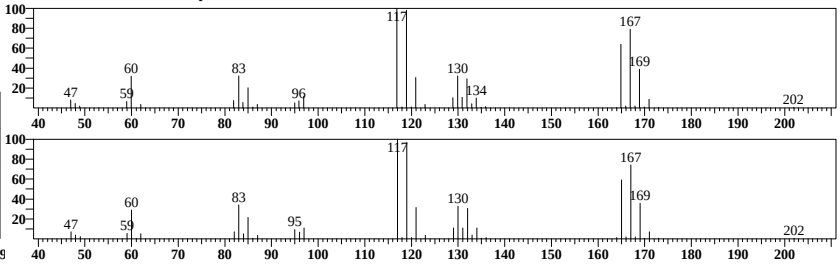
ID#:9 Name:Pentachloroethane Type:Target No Manual Integration

Mass:167.00 R.T:9.388 Area:90898 Conc:48.00821ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	130.00	18998	40.51	38.70
2	132.00	17259	36.80	34.68
3	165.00	37903	80.81	81.27



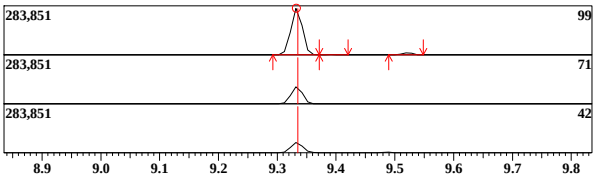
ID#:9 R.Time:9.391(Scan#:1189)
MassPeaks:39
RawMode:Averaged 9.381-9.401(1187-1191)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



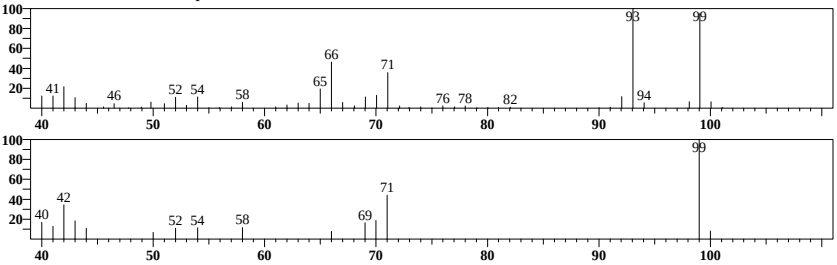
ID#:10 Name:Phenol-d6 Type:Surrogate/SMC No Manual Integration

Mass:99.00 R.T:9.333 Area:367763 Conc:50.25015ppm
Event:1:Scan SI:70

#	m/z	Area	Ratio	Reference
1	71.00	71143	37.54	35.02
2	42.00	43130	22.76	16.82



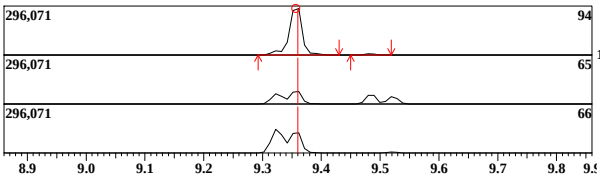
ID#:10 R.Time:9.332(Scan#:1177)
MassPeaks:49
RawMode:Averaged 9.322-9.342(1175-1179)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



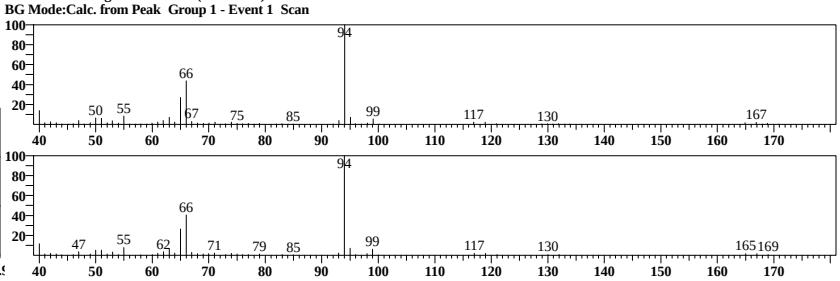
ID#:11 Name:Phenol Type:Target No Manual Integration

Mass:94.00 R.T:9.357 Area:460094 Conc:50.64648ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	65.00	55539	27.16	31.65
2	66.00	89624	43.83	40.72



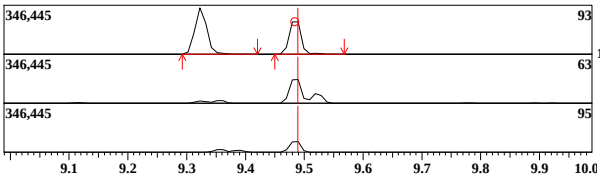
ID#:11 R.Time:9.362(Scan#:1183)
MassPeaks:67
RawMode:Averaged 9.352-9.371(1181-1185)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



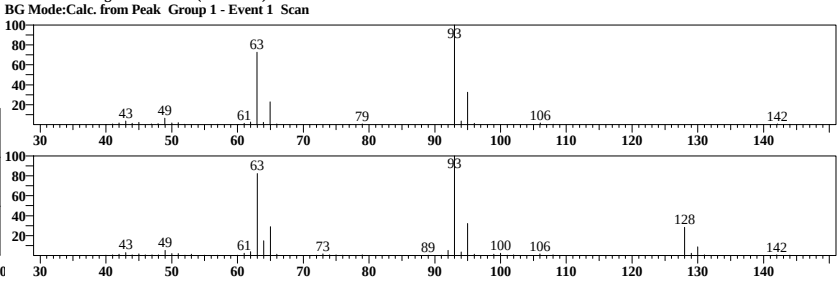
ID#:12 Name:bis(2-Chloroethyl)Ether Type:Target No Manual Integration

Mass:93.00 R.T:9.484 Area:338350 Conc:49.87678ppm
Event:1:Scan SI:87

#	m/z	Area	Ratio	Reference
1	63.00	123575	72.79	95.54
2	95.00	55356	32.61	33.05



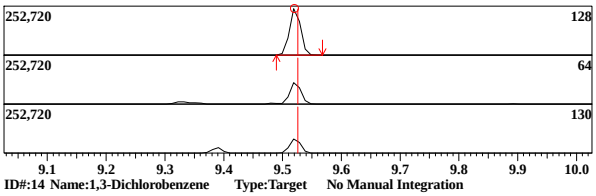
ID#:12 R.Time:9.479(Scan#:1207)
MassPeaks:30
RawMode:Averaged 9.470-9.489(1205-1209)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



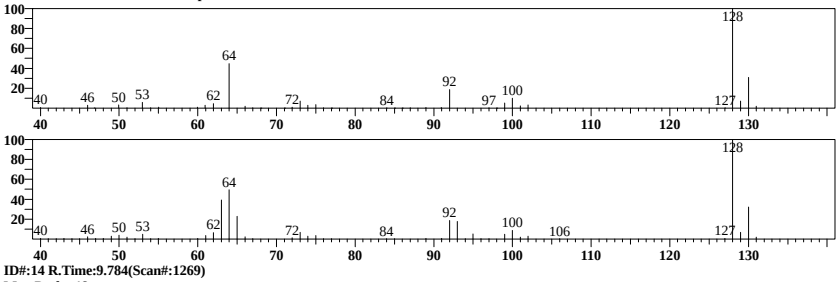
ID#:13 Name:2-Chlorophenol Type:Target No Manual Integration

Mass:128.00 R.T:9.521 Area:324510 Conc:50.43334ppm
Event:1:Scan SI:84

#	m/z	Area	Ratio	Reference
1	64.00	75016	44.67	65.60
2	130.00	51973	30.95	31.89



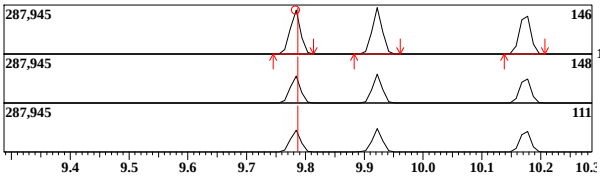
ID#:13 R.Time:9.519(Scan#:1215)
MassPeaks:40
RawMode:Averaged 9.509-9.529(1213-1217)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



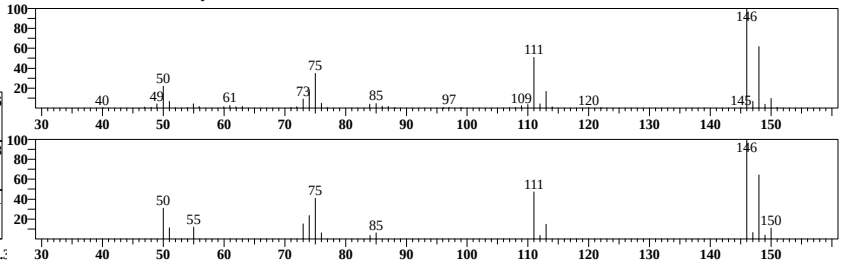
ID#:14 Name:1,3-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.783 Area:321316 Conc:48.78668ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	148.00	104083	61.71	64.92
2	111.00	85789	50.86	55.28



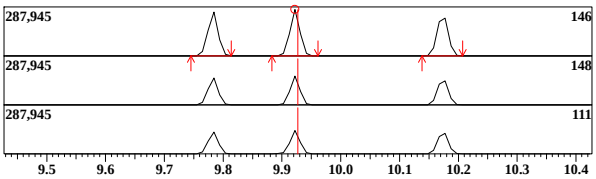
ID#:14 R.Time:9.784(Scan#:1269)
MassPeaks:46
RawMode:Averaged 9.774-9.794(1267-1271)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



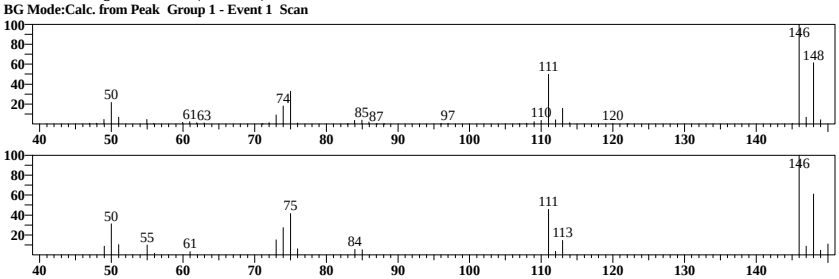
ID#:15 Name:1,4-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.922 Area:330531 Conc:49.07091ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	148.00	108055	61.41	66.17
2	111.00	87787	49.89	47.39



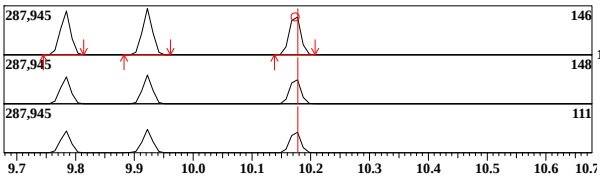
ID#:15 R.Time:9.922(Scan#:1297)
MassPeaks:40
RawMode:Averaged 9.912-9.932(1295-1299)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



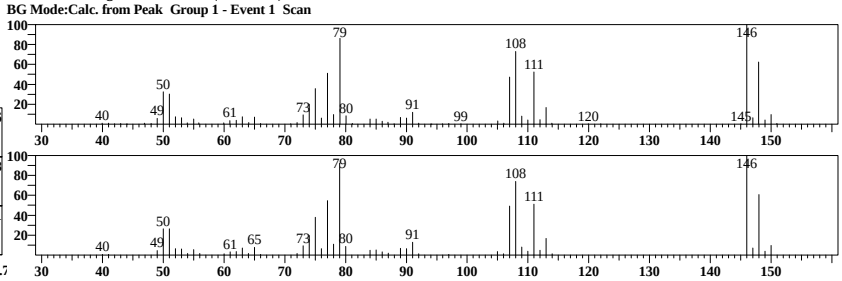
ID#:16 Name:1,2-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:10.174 Area:318764 Conc:49.12949ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	148.00	101071	62.38	65.19
2	111.00	84852	52.37	55.22



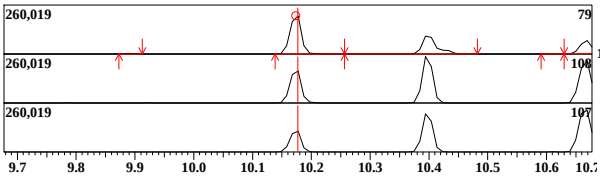
ID#:16 R.Time:10.178(Scan#:1349)
MassPeaks:65
RawMode:Averaged 10.168-10.188(1347-1351)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



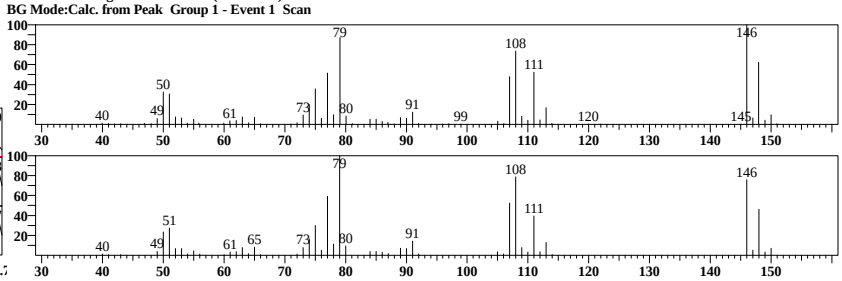
ID#:17 Name:Benzyl Alcohol Type:Target No Manual Integration

Mass:79.00 R.T:10.174 Area:286791 Conc:50.72791ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	108.00	119152	84.54	85.77
2	107.00	77431	54.94	58.74



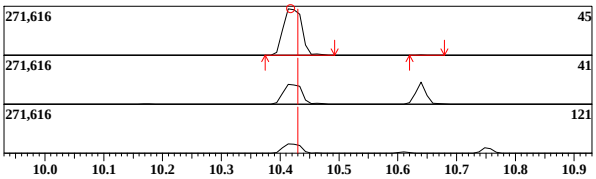
ID#:17 R.Time:10.178(Scan#:1349)
MassPeaks:65
RawMode:Averaged 10.168-10.188(1347-1351)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



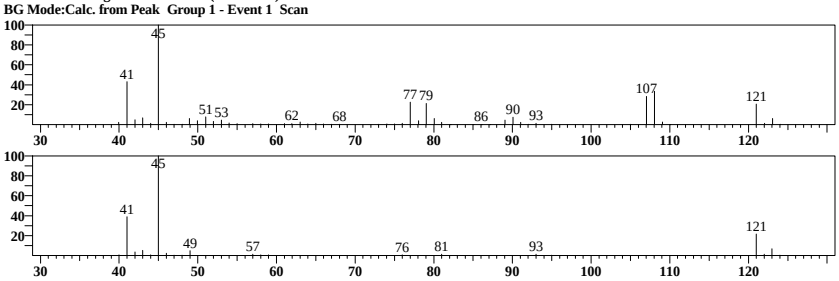
ID#:18 Name:bis(2-Chloroisopropyl) Ether Type:Target No Manual Integration

Mass:45.00 R.T:10.418 Area:574888 Conc:48.94758ppm
Event:1:Scan SI:69

#	m/z	Area	Ratio	Reference
1	41.00	93312	42.94	39.13
2	121.00	44555	20.50	18.18



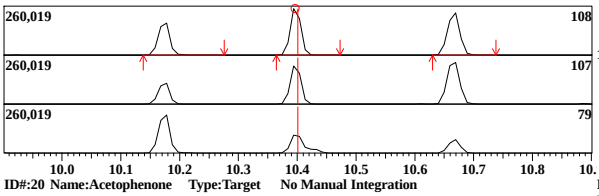
ID#:18 R.Time:10.414(Scan#:1397)
MassPeaks:55
RawMode:Averaged 10.404-10.424(1395-1399)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



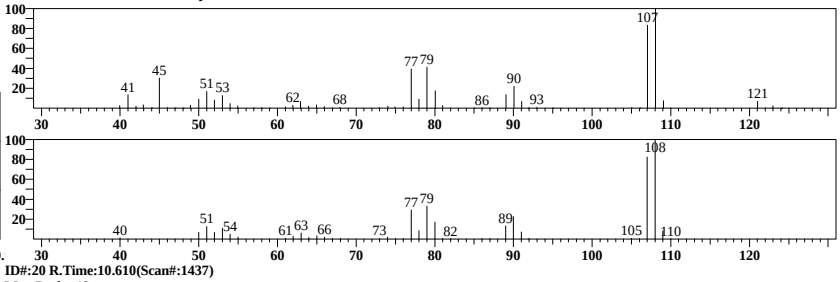
ID#:19 Name:2-Methylphenol (o-Cresol) Type:Target No Manual Integration

Mass:108.00 R.T:10.397 Area:323411 Conc:50.43645ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	107.00	140925	83.23	84.56
2	79.00	69701	41.16	35.28



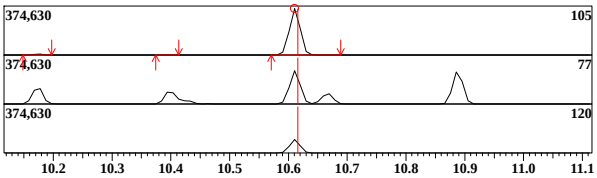
ID#:19 R.Time:10.394(Scan#:1393)
MassPeaks:56
RawMode:Averaged 10.384-10.404(1391-1395)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



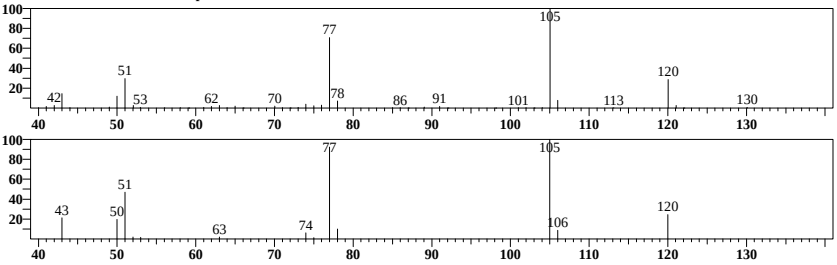
ID#:20 Name:Acetophenone Type:Target No Manual Integration

Mass:105.00 R.T:10.611 Area:470540 Conc:49.89811ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	77.00	173522	70.78	73.31
2	120.00	69803	28.47	24.48



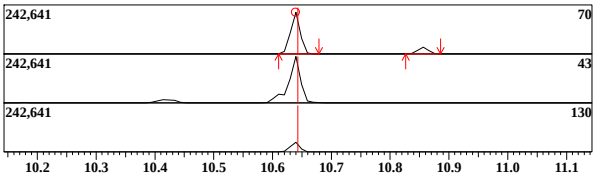
ID#:20 R.Time:10.610(Scan#:1437)
MassPeaks:46
RawMode:Averaged 10.601-10.620(1435-1439)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



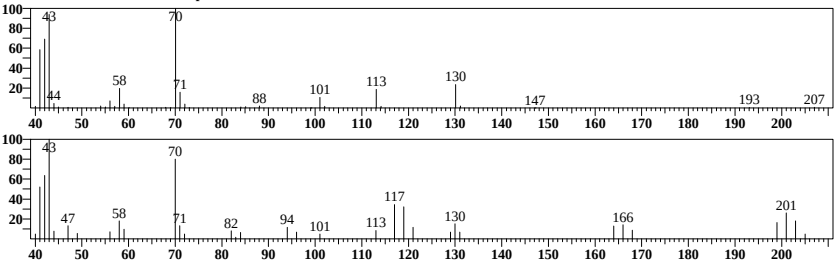
ID#:21 Name:N-Nitrosodi-n-propylamine Type:Target No Manual Integration

Mass:70.00 R.T:10.639 Area:241304 Conc:49.77750ppm
Event:1:Scan SI:73

#	m/z	Area	Ratio	Reference
1	43.00	121422	93.89	109.00
2	130.00	30436	23.54	17.19



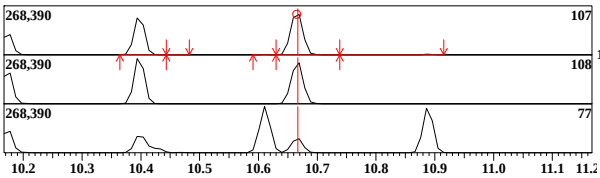
ID#:21 R.Time:10.640(Scan#:1443)
MassPeaks:33
RawMode:Averaged 10.630-10.650(1441-1445)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



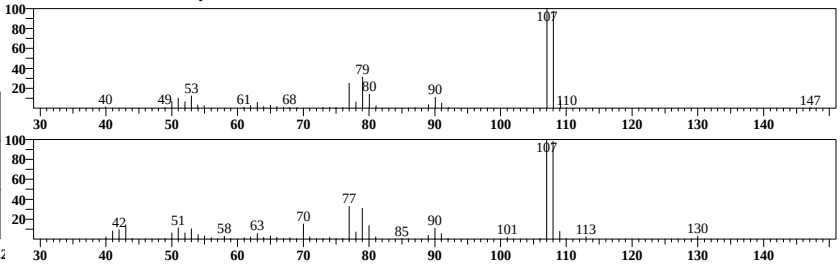
ID#:22 Name:3+4-Methylphenol(m&p-Cresol) Type:Target No Manual Integration

Mass:107.00 R.T:10.665 Area:350860 Conc:50.99607ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	108.00	164733	97.25	95.43
2	77.00	42413	25.04	31.91



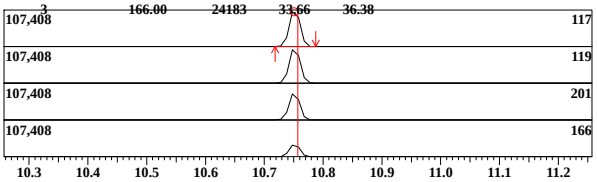
ID#:22 R.Time:10.669(Scan#:1449)
MassPeaks:37
RawMode:Averaged 10.660-10.679(1447-1451)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



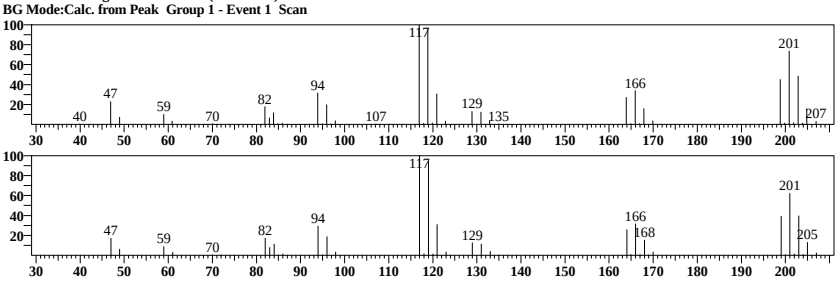
ID#:23 Name:Hexachloroethane Type:Target No Manual Integration

Mass:117.00 R.T:10.751 Area:138444 Conc:48.74329ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	119.00	68885	95.88	92.41
2	201.00	52994	73.76	78.73
3	166.00	24183	33.66	36.38



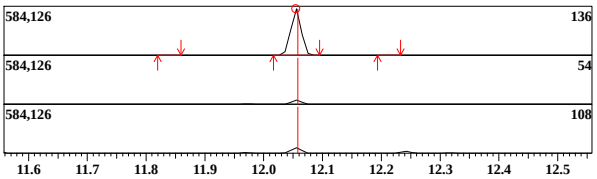
ID#:23 R.Time:10.748(Scan#:1465)
MassPeaks:42
RawMode:Averaged 10.738-10.758(1463-1467)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



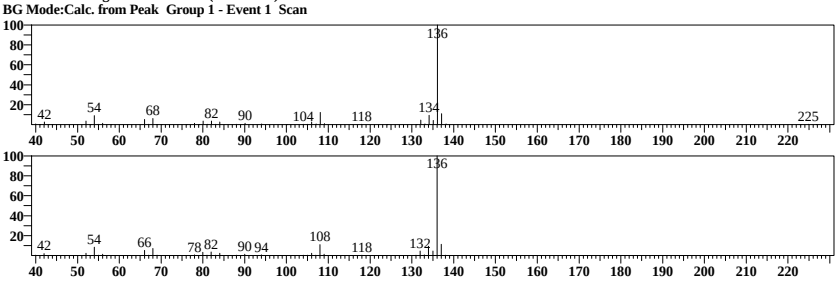
ID#:24 Name:Naphthalene-d8 (IS) Type:ISTD No Manual Integration

Mass:136.00 R.T:12.055 Area:693620 Conc:40.00000ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	54.00	33428	9.08	11.97
2	108.00	44646	12.12	12.20



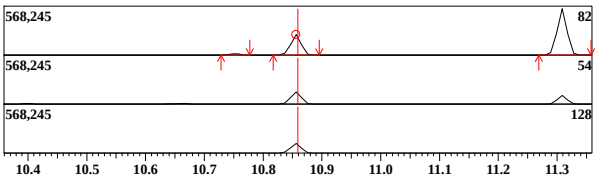
ID#:24 R.Time:12.056(Scan#:1731)
MassPeaks:47
RawMode:Averaged 12.046-12.066(1729-1733)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



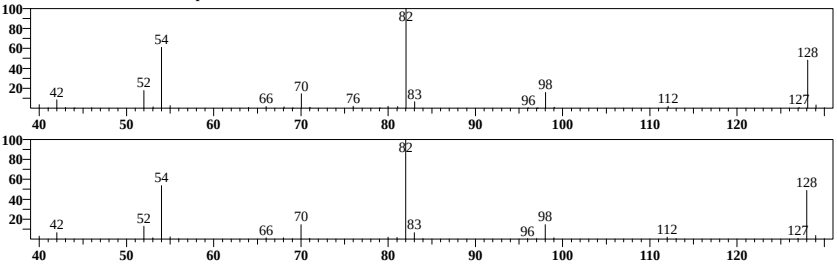
ID#:25 Name:Nitrobenzene-d5 Type:Surrogate/SMC No Manual Integration

Mass:82.00 R.T:10.856 Area:304721 Conc:47.20551ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	54.00	97359	61.20	65.85
2	128.00	76953	48.37	43.44



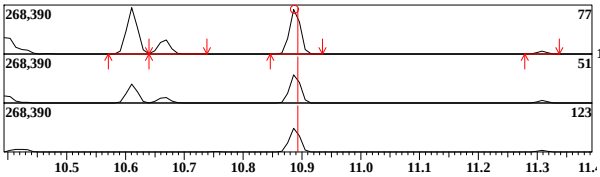
ID#:25 R.Time:10.856(Scan#:1487)
MassPeaks:31
RawMode:Averaged 10.846-10.866(1485-1489)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



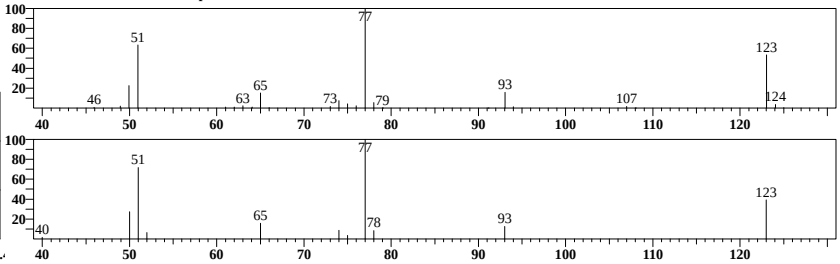
ID#:26 Name:Nitrobenzene Type:Target No Manual Integration

Mass:77.00 R.T:10.887 Area:318299 Conc:46.89918ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	51.00	106641	63.29	61.12
2	123.00	89779	53.28	46.32



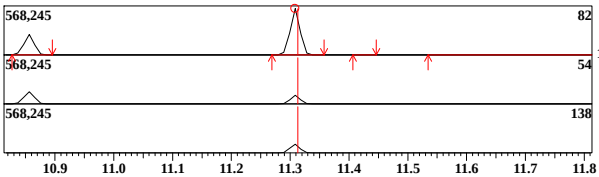
ID#:26 R.Time:10.886(Scan#:1493)
MassPeaks:25
RawMode:Averaged 10.876-10.896(1491-1495)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



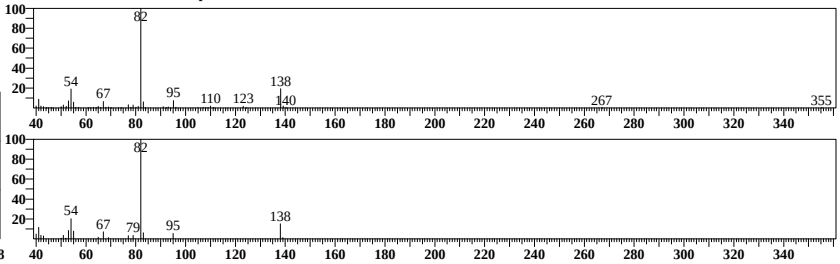
ID#:27 Name:Isophorone Type:Target No Manual Integration

Mass:82.00 R.T:11.308 Area:641689 Conc:48.00627ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	54.00	65092	18.97	19.87
2	138.00	66010	19.23	14.87



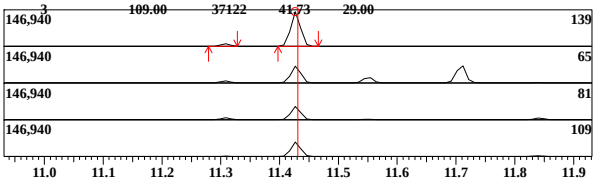
ID#:27 R.Time:11.309(Scan#:1579)
MassPeaks:54
RawMode:Averaged 11.299-11.318(1577-1581)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



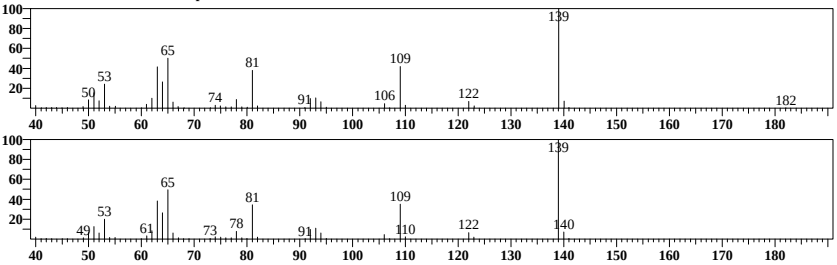
ID#:28 Name:2-Nitrophenol Type:Target No Manual Integration

Mass:139.00 R.T:11.427 Area:166164 Conc:49.94546ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	65.00	44487	50.01	55.00
2	81.00	33676	37.85	33.00
3	109.00	37122	41.73	29.00



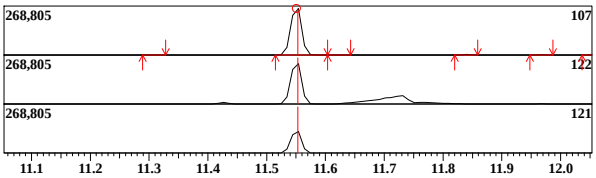
ID#:28 R.Time:11.427(Scan#:1603)
MassPeaks:48
RawMode:Averaged 11.417-11.436(1601-1605)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



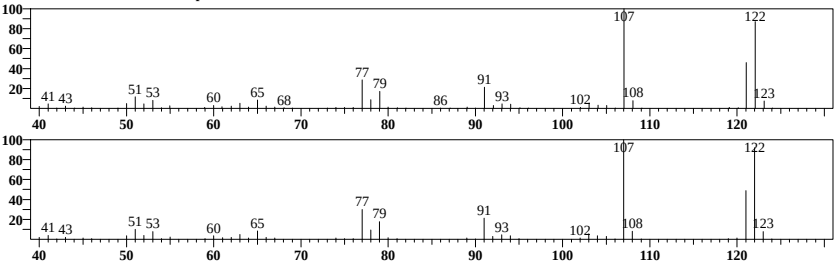
ID#:29 Name:2,4-Dimethylphenol Type:Target No Manual Integration

Mass:107.00 R.T:11.551 Area:341266 Conc:46.99399ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	122.00	152209	86.98	82.87
2	121.00	80682	46.11	42.24



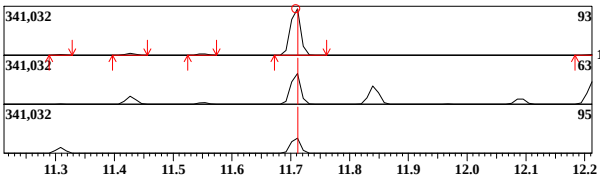
ID#:29 R.Time:11.554(Scan#:1629)
MassPeaks:59
RawMode:Averaged 11.544-11.564(1627-1631)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



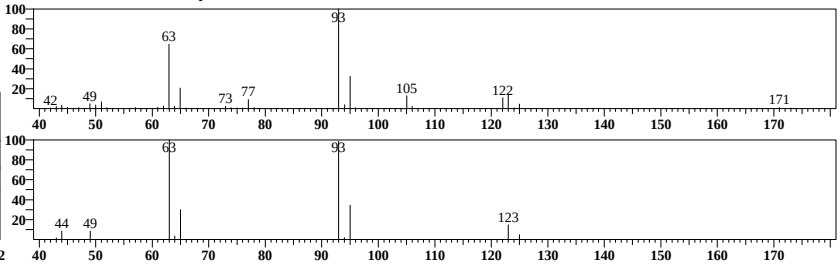
ID#:30 Name:Bis(2-Chloroethoxy)methane Type:Target No Manual Integration

Mass:93.00 R.T:11.709 Area:400631 Conc:47.23389ppm
Event:1:Scan SI:84

#	m/z	Area	Ratio	Reference
1	63.00	137584	64.69	85.08
2	95.00	68752	32.33	33.16



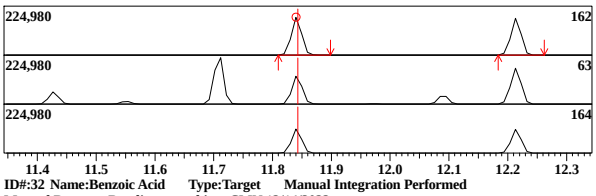
ID#:30 R.Time:11.712(Scan#:1661)
MassPeaks:45
RawMode:Averaged 11.702-11.722(1659-1663)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:31 Name:2,4-Dichlorophenol Type:Target No Manual Integration

Mass:162.00 R.T:11.840 Area:218424 Conc:48.08273ppm
Event:1:Scan SI:98

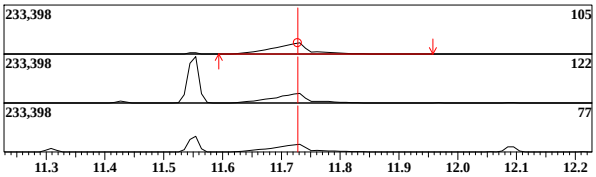
#	m/z	Area	Ratio	Reference
1	63.00	85224	73.89	59.00
2	164.00	73218	63.48	65.54



ID#:32 Name:Benzoic Acid Type:Target Manual Integration Performed
Manual Reason: Baseline smoothing. CMN 12/14/2022

Mass:105.00 R.T:11.728 Area:242302 Conc:52.51982ppm
Event:1:Scan SI:73

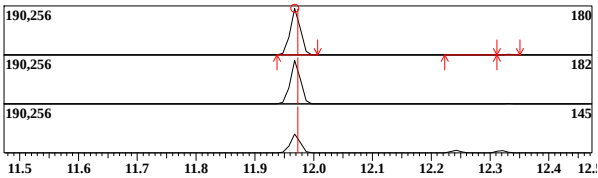
#	m/z	Area	Ratio	Reference
1	122.00	36965	84.46	76.85
2	77.00	31323	71.57	75.23



ID#:33 Name:1,2,4-Trichlorobenzene Type:Target No Manual Integration

Mass:180.00 R.T:11.968 Area:220938 Conc:45.94832ppm
Event:1:Scan SI:98

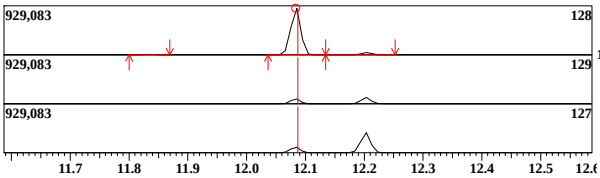
#	m/z	Area	Ratio	Reference
1	182.00	109619	93.11	91.21
2	145.00	47154	40.05	29.06



ID#:34 Name:Naphthalene Type:Target No Manual Integration

Mass:128.00 R.T:12.084 Area:1072749 Conc:45.19244ppm
Event:2:SIM SI:94

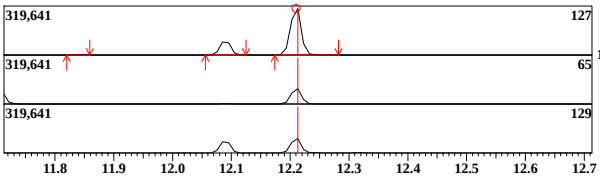
#	m/z	Area	Ratio	Reference
1	129.00	61067	10.69	10.48
2	127.00	71918	12.59	13.97



ID#:35 Name:4-Chloroaniline Type:Target No Manual Integration

Mass:127.00 R.T:12.210 Area:402419 Conc:48.25253ppm
Event:1:Scan SI:97

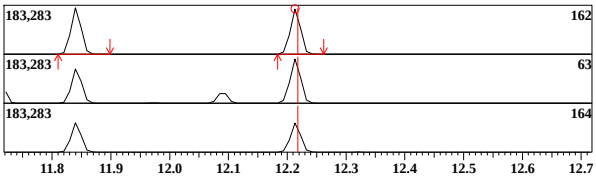
#	m/z	Area	Ratio	Reference
1	65.00	68452	33.25	45.58
2	129.00	63823	31.01	30.27



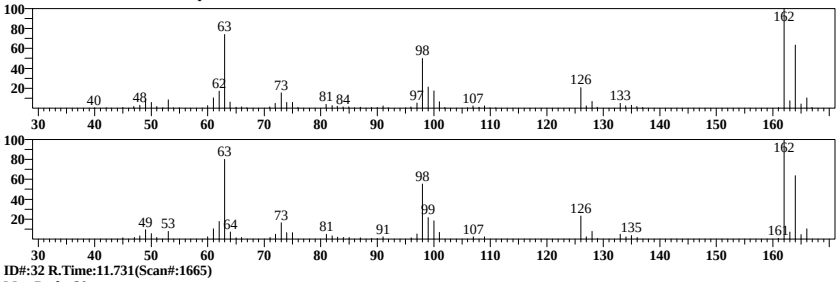
ID#:36 Name:2,6-Dichlorophenol Type:Target No Manual Integration

Mass:162.00 R.T:12.214 Area:212317 Conc:47.52623ppm
Event:1:Scan SI:96

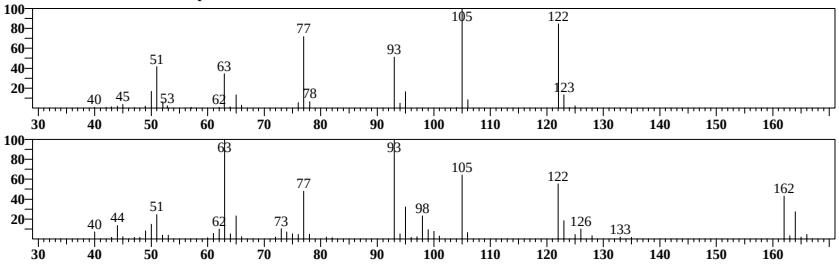
#	m/z	Area	Ratio	Reference
1	63.00	112329	100.14	88.00
2	164.00	72560	64.68	62.85



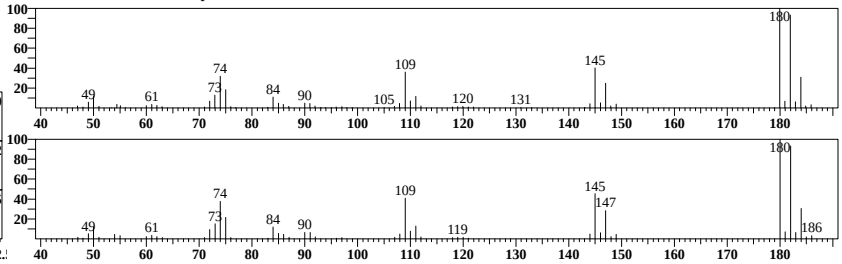
ID#:31 R.Time:11.839(Scan#:1687)
MassPeaks:67
RawMode:Averaged 11.830-11.849(1685-1689)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



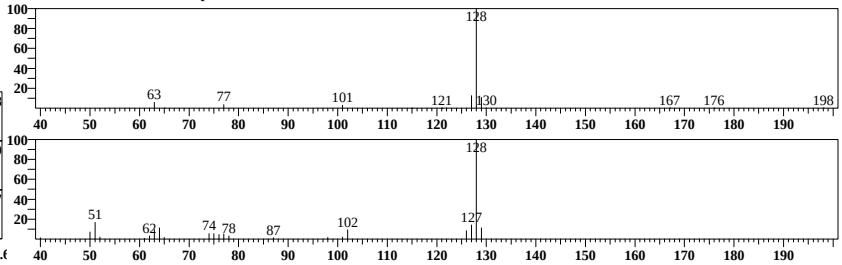
ID#:32 R.Time:11.731(Scan#:1665)
MassPeaks:30
RawMode:Averaged 11.722-11.741(1663-1667)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



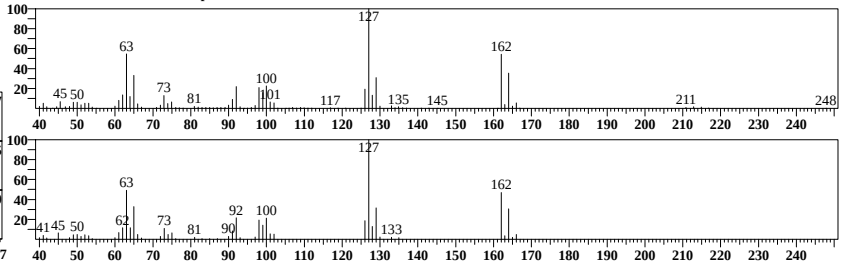
ID#:33 R.Time:11.967(Scan#:1713)
MassPeaks:64
RawMode:Averaged 11.958-11.977(1711-1715)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



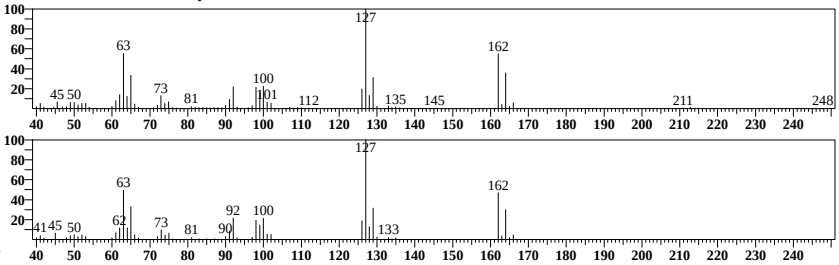
ID#:34 R.Time:12.085(Scan#:1738)
MassPeaks:14
RawMode:Averaged 12.076-12.095(1736-1740)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



ID#:35 R.Time:12.213(Scan#:1763)
MassPeaks:91
RawMode:Averaged 12.203-12.223(1761-1765)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



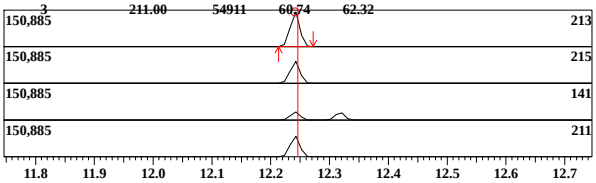
ID#:36 R.Time:12.213(Scan#:1763)
MassPeaks:91
RawMode:Averaged 12.203-12.223(1761-1765)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



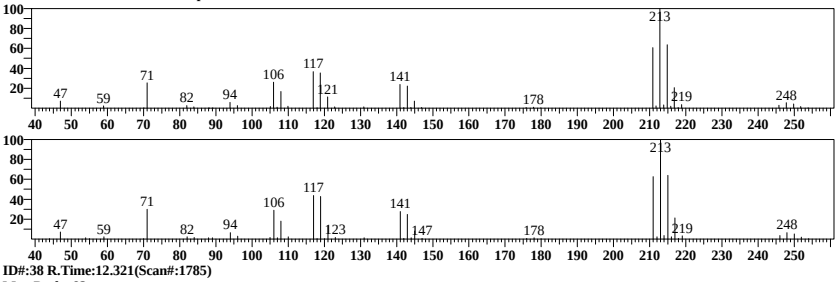
ID#:37 Name:Hexachloropropene Type:Target No Manual Integration

Mass:213.00 R.T:12.242 Area:168053 Conc:47.74390ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	215.00	57473	63.58	64.65
2	141.00	21569	23.86	22.52
3	211.00	54911	60.74	62.32



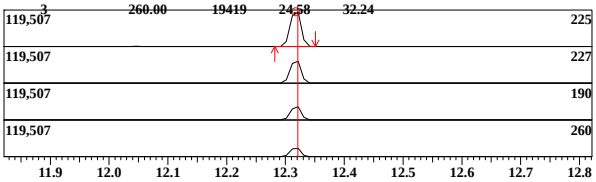
ID#:37 R.Time:12.243(Scan#:1769)
MassPeaks:44
RawMode:Averaged 12.233-12.253(1767-1771)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



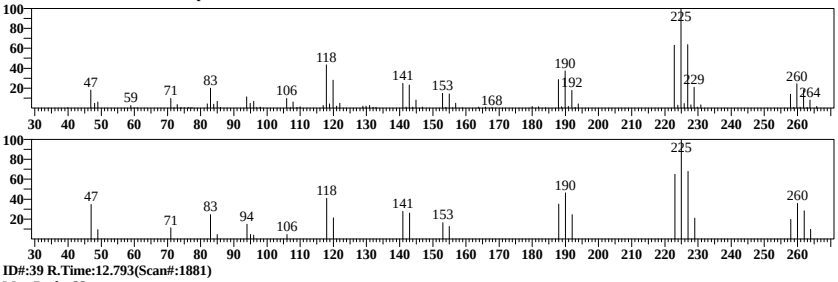
ID#:38 Name:Hexachlorobutadiene Type:Target No Manual Integration

Mass:225.00 R.T:12.317 Area:151134 Conc:45.77204ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	227.00	50314	63.68	64.03
2	190.00	29383	37.19	38.21
3	260.00	19419	24.58	32.24



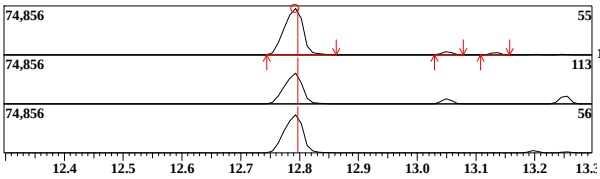
ID#:38 R.Time:12.321(Scan#:1785)
MassPeaks:82
RawMode:Averaged 12.312-12.331(1783-1787)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



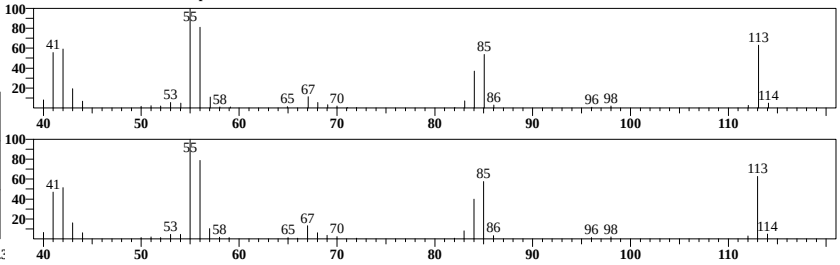
ID#:39 Name:Caprolactam Type:Target No Manual Integration

Mass:55.00 R.T:12.792 Area:160705 Conc:51.29376ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	113.00	39547	63.14	78.00
2	56.00	50829	81.15	79.15

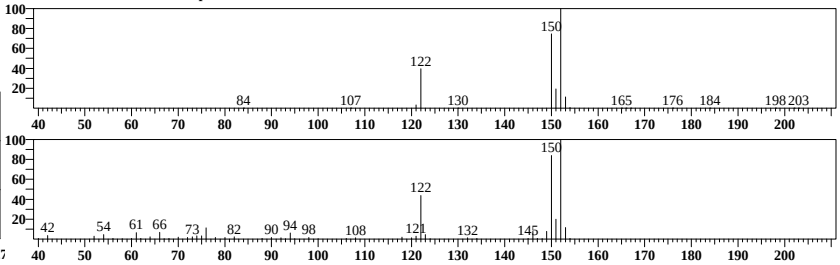


ID#:39 R.Time:12.793(Scan#:1881)
MassPeaks:32
RawMode:Averaged 12.784-12.803(1879-1883)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



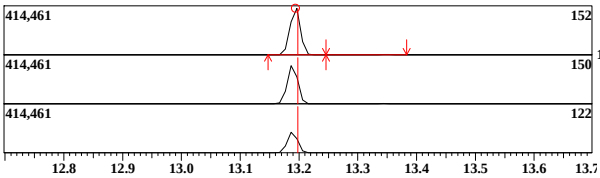
ID#:40 Name:2-Methylnaphthalene-d10 Type:Target No Manual Integration

ID#:40 R.Time:13.196(Scan#:1964)
MassPeaks:18
RawMode:Averaged 13.187-13.206(1962-1966)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



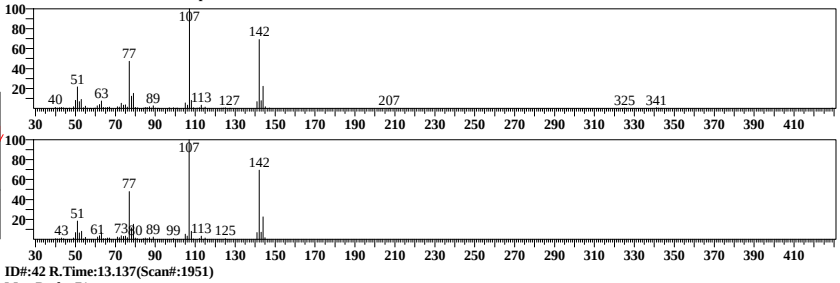
Mass:152.00 R.T:13.194 Area:500953 Conc:45.42884ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	150.00	196281	74.62	58.54
2	122.00	104192	39.61	46.34



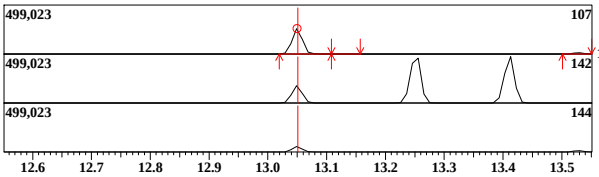
ID#:41 Name:4-Chloro-3-methylphenol Type:Target No Manual Integration

ID#:41 R.Time:13.049(Scan#:1933)
MassPeaks:74
RawMode:Averaged 13.039-13.059(1931-1935)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



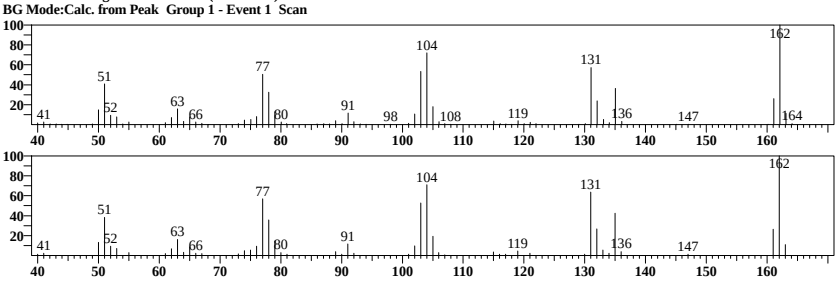
Mass:107.00 R.T:13.050 Area:329852 Conc:49.76975ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	142.00	119212	69.28	60.24
2	144.00	38442	22.34	18.55



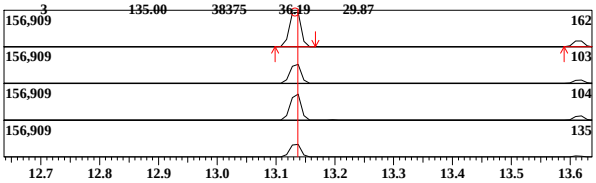
ID#:42 Name:Safrole Type:Target No Manual Integration

ID#:42 R.Time:13.137(Scan#:1951)
MassPeaks:71
RawMode:Averaged 13.128-13.147(1949-1953)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



Mass:162.00 R.T:13.133 Area:207974 Conc:46.89687ppm
Event:1:Scan SI:98

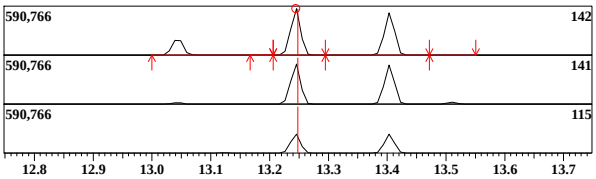
#	m/z	Area	Ratio	Reference
1	103.00	56763	53.53	50.38
2	104.00	76352	72.00	67.22
3	135.00	38375	36.19	29.87



ID#:43 Name:2-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.244 Area:672426 Conc:44.45353ppm
Event:2:SIM SI:98

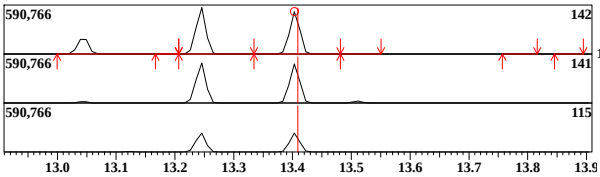
#	m/z	Area	Ratio	Reference
1	141.00	311155	86.88	68.04
2	115.00	149453	41.73	50.52



ID#:44 Name:1-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.404 Area:633970 Conc:44.18550ppm
Event:2:SIM SI:92

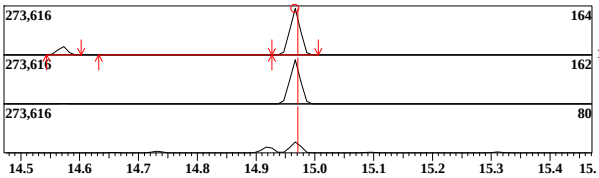
#	m/z	Area	Ratio	Reference
1	141.00	310272	91.35	72.83
2	115.00	150571	44.33	32.61



ID#:45 Name:Acenaphthene-d10 (IS) Type:ISTD No Manual Integration

Mass:164.00 R.T:14.966 Area:328901 Conc:40.00000ppm
Event:1:Scan SI:95

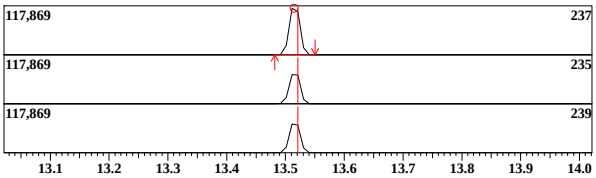
#	m/z	Area	Ratio	Reference
1	162.00	166532	95.21	95.44
2	80.00	28374	16.22	29.92



ID#:46 Name:Hexachlorocyclopentadiene Type:Target No Manual Integration

Mass:237.00 R.T:13.515 Area:153168 Conc:42.41813ppm
Event:1:Scan SI:92

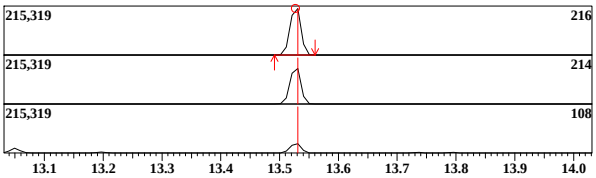
#	m/z	Area	Ratio	Reference
1	235.00	51848	64.70	58.98
2	239.00	50531	63.06	65.78



ID#:47 Name:1,2,4,5-Tetrachlorobenzene Type:Target No Manual Integration

Mass:216.00 R.T:13.527 Area:276493 Conc:47.21184ppm
Event:1:Scan SI:81

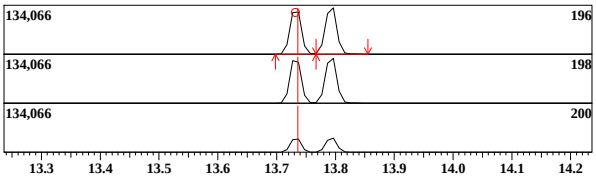
#	m/z	Area	Ratio	Reference
1	214.00	108902	76.17	78.02
2	108.00	29509	20.64	22.55



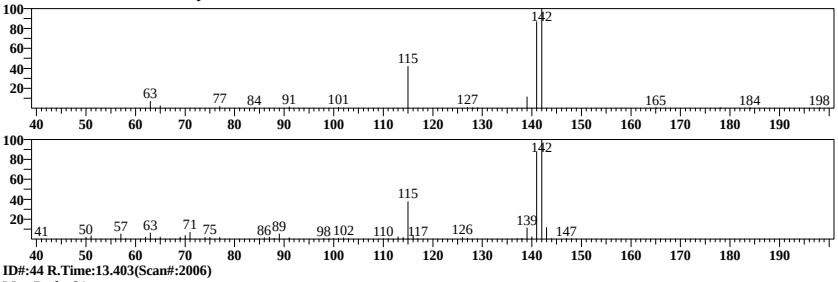
ID#:48 Name:2,4,6-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.732 Area:168669 Conc:48.70476ppm
Event:1:Scan SI:96

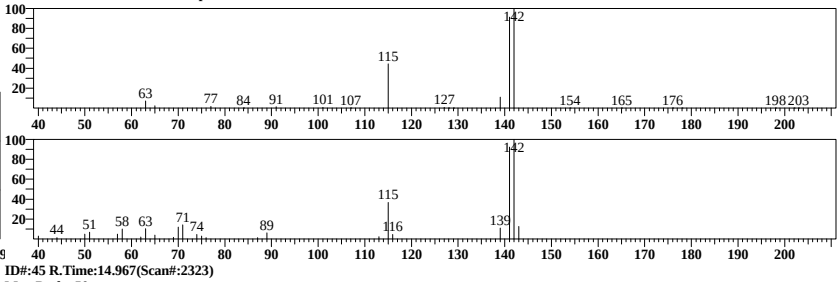
#	m/z	Area	Ratio	Reference
1	198.00	84368	99.24	94.42
2	200.00	26030	30.62	32.47



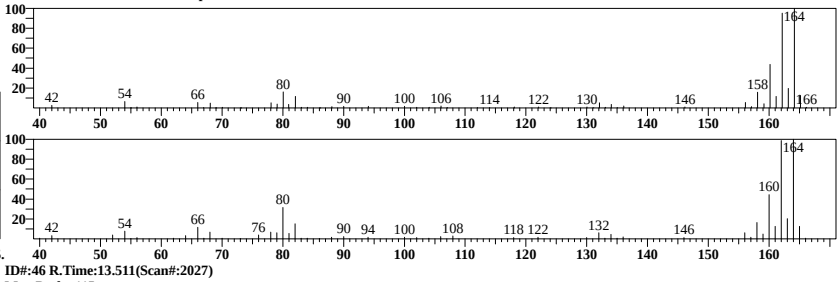
ID#:43 R.Time:13.246(Scan#:1974)
MassPeaks:17
RawMode:Averaged 13.236-13.256(1972-1976)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



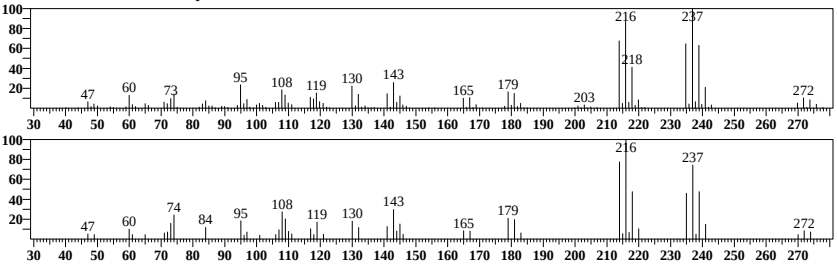
ID#:44 R.Time:13.403(Scan#:2006)
MassPeaks:21
RawMode:Averaged 13.393-13.413(2004-2008)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



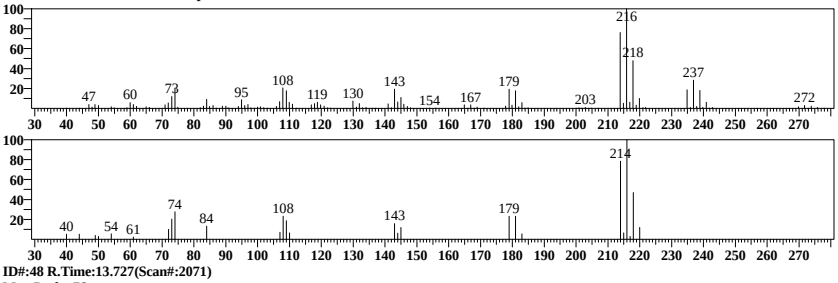
ID#:45 R.Time:14.967(Scan#:2323)
MassPeaks:50
RawMode:Averaged 14.957-14.976(2321-2325)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



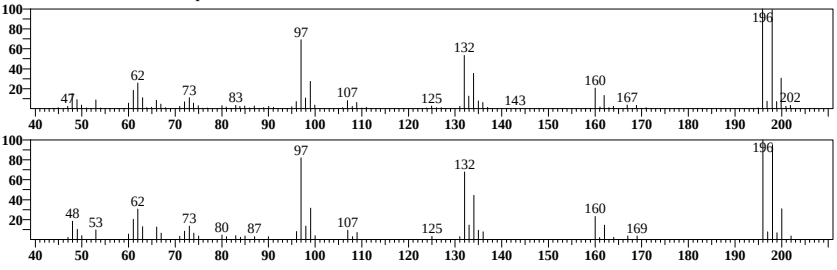
ID#:46 R.Time:13.511(Scan#:2027)
MassPeaks:115
RawMode:Averaged 13.501-13.521(2025-2029)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:47 R.Time:13.531(Scan#:2031)
MassPeaks:114
RawMode:Averaged 13.521-13.541(2029-2033)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



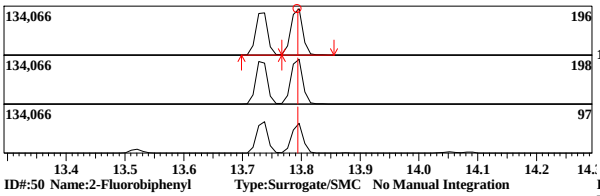
ID#:48 R.Time:13.727(Scan#:2071)
MassPeaks:76
RawMode:Averaged 13.718-13.737(2069-2073)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

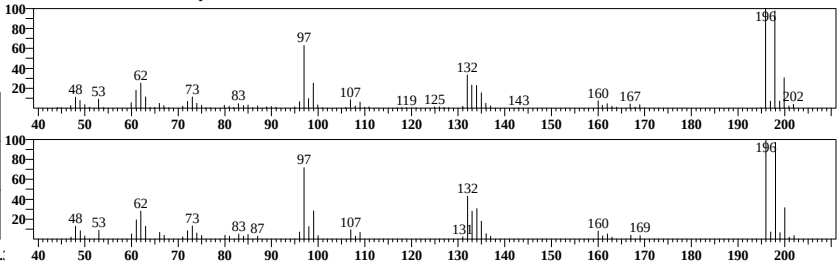


ID#:49 Name:2,4,5-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.793 Area:180901 Conc:47.93419ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	198.00	87873	97.61	97.81
2	97.00	56819	63.12	65.15



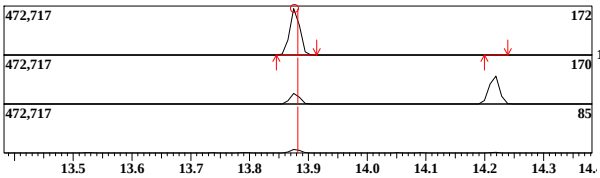


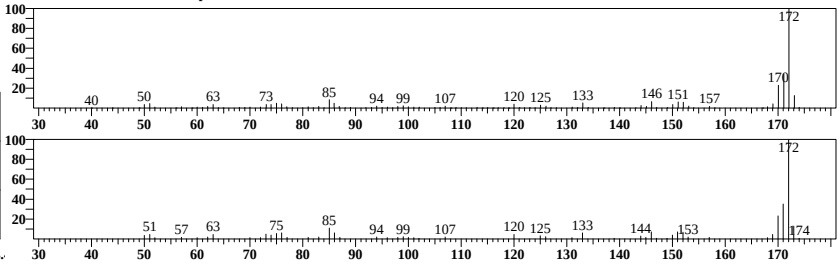
ID#:49 R.Time:13.796(Scan#:2085)
MassPeaks:83
RawMode:Averaged 13.787-13.806(2083-2087)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:50 Name:2-Fluorobiphenyl Type:Surrogate/SMC No Manual Integration

Mass:172.00 R.T:13.876 Area:547100 Conc:45.87415ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	170.00	67271	22.83	22.48
2	85.00	24958	8.47	9.13



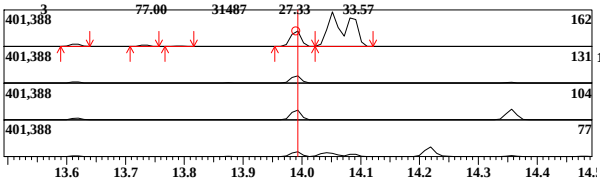


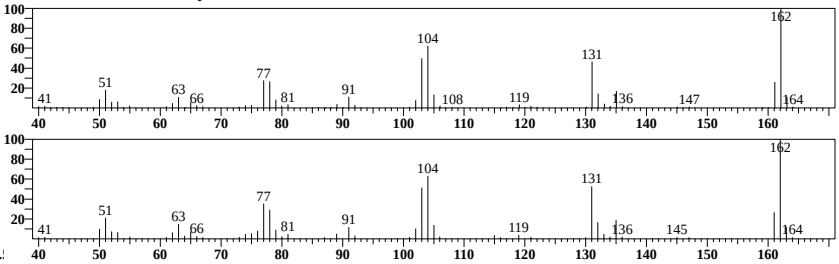
ID#:50 R.Time:13.875(Scan#:2101)
MassPeaks:97
RawMode:Averaged 13.865-13.885(2099-2103)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:51 Name:Isosafrole Type:Target No Manual Integration

Mass:162.00 R.T:13.990 Area:220875 Conc:47.17513ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	131.00	53449	46.39	42.54
2	104.00	71517	62.07	57.35
3	77.00	31487	27.33	33.57



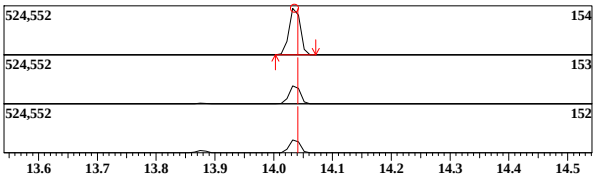


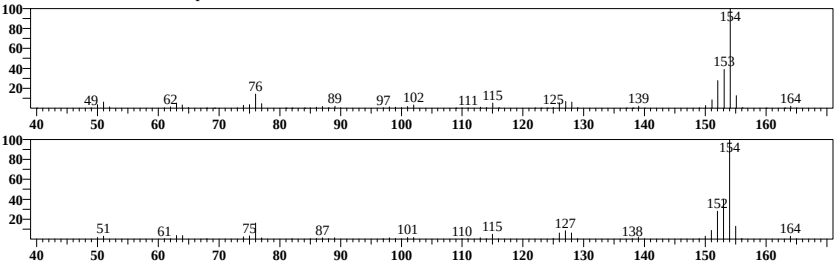
ID#:51 R.Time:13.993(Scan#:2125)
MassPeaks:68
RawMode:Averaged 13.983-14.003(2123-2127)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:52 Name:1,1'-Biphenyl Type:Target No Manual Integration

Mass:154.00 R.T:14.036 Area:675324 Conc:45.50861ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	153.00	139344	38.92	38.49
2	152.00	99176	27.70	28.01



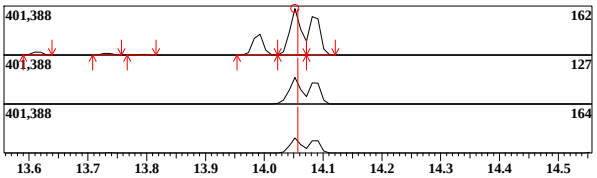


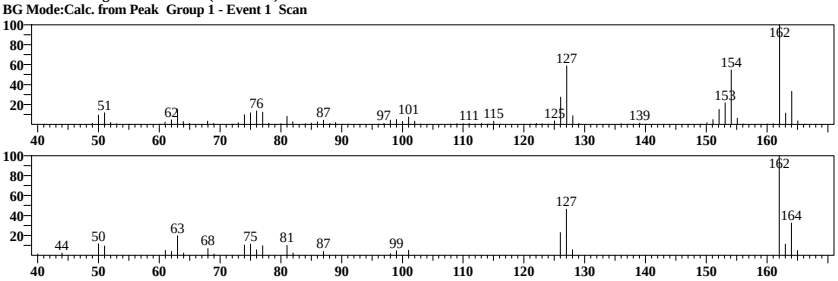
ID#:52 R.Time:14.032(Scan#:2133)
MassPeaks:63
RawMode:Averaged 14.023-14.042(2131-2135)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:53 Name:2-Chloronaphthalene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/14/2022

Mass:162.00 R.T:14.052 Area:542873 Conc:47.15593ppm
Event:1:Scan SI:80

#	m/z	Area	Ratio	Reference
1	127.00	111957	58.78	48.49
2	164.00	62906	33.03	32.94



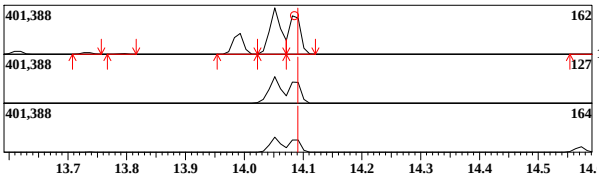


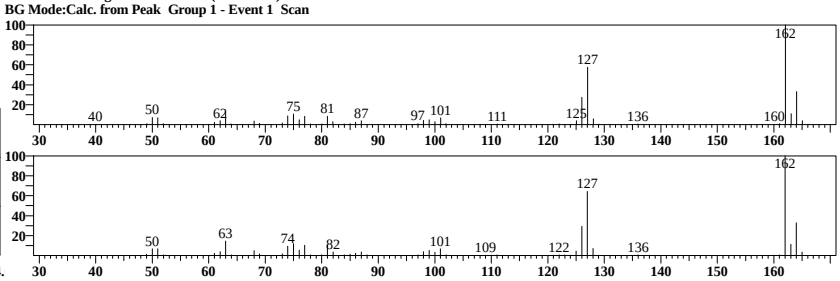
ID#:53 R.Time:14.052(Scan#:2137)
MassPeaks:82
RawMode:Averaged 14.042-14.062(2135-2139)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:54 Name:1-Chloronaphthalene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/14/2022

Mass:162.00 R.T:14.086 Area:394877 Conc:43.82008ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	127.00	86961	57.46	48.49
2	164.00	49995	33.03	32.94



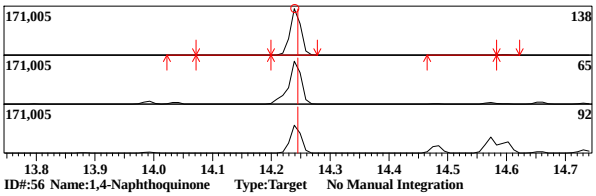


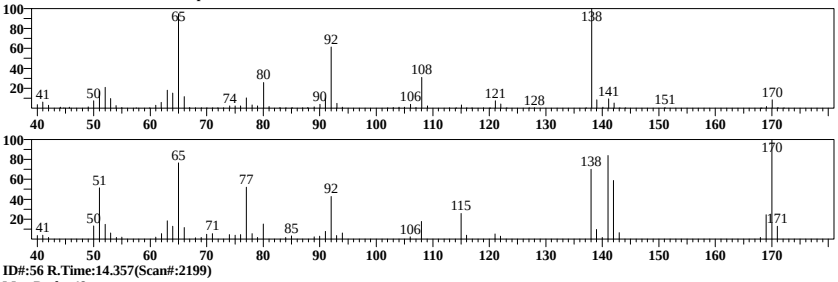
ID#:54 R.Time:14.082(Scan#:2143)
MassPeaks:59
RawMode:Averaged 14.072-14.091(2141-2145)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:55 Name:2-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.240 Area:208616 Conc:50.34238ppm
Event:1:Scan SI:78

#	m/z	Area	Ratio	Reference
1	65.00	104194	94.71	101.46
2	92.00	67715	61.55	55.64

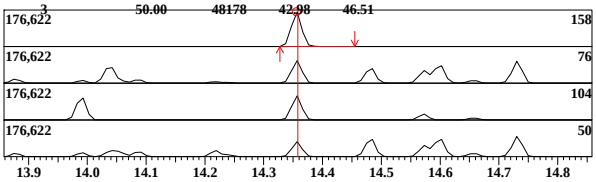


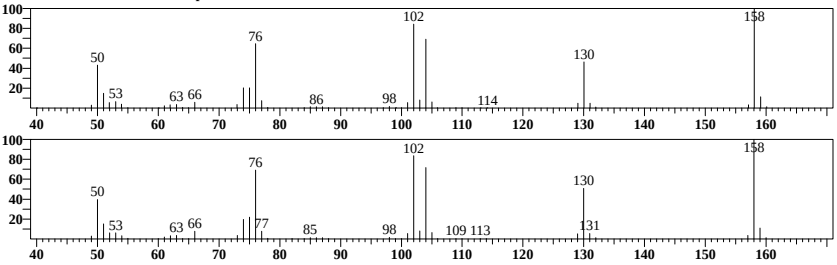


ID#:56 Name:1,4-Naphthoquinone Type:Target No Manual Integration

Mass:158.00 R.T:14.356 Area:216615 Conc:47.29771ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	76.00	72576	64.74	68.34
2	104.00	77632	69.25	74.24
3	50.00	48178	42.98	46.51

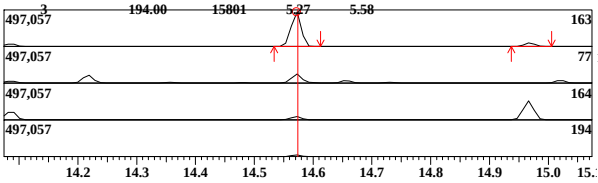


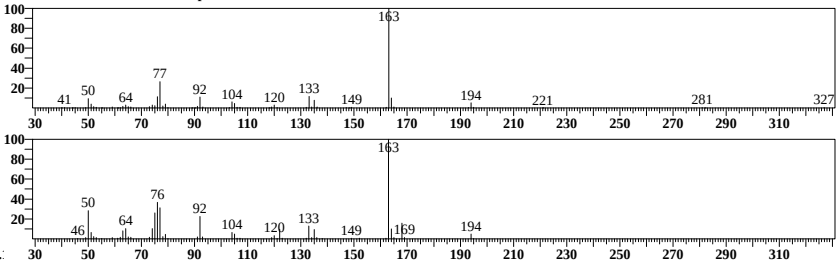


ID#:57 Name:Dimethyl phthalate Type:Target No Manual Integration

Mass:163.00 R.T:14.572 Area:563817 Conc:47.02832ppm
Event:1:Scan SI:85

#	m/z	Area	Ratio	Reference
1	77.00	79159	26.41	29.31
2	164.00	30040	10.02	10.65
3	194.00	15801	5.27	5.58

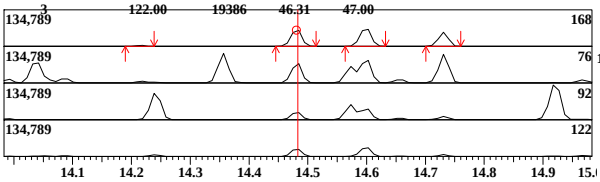


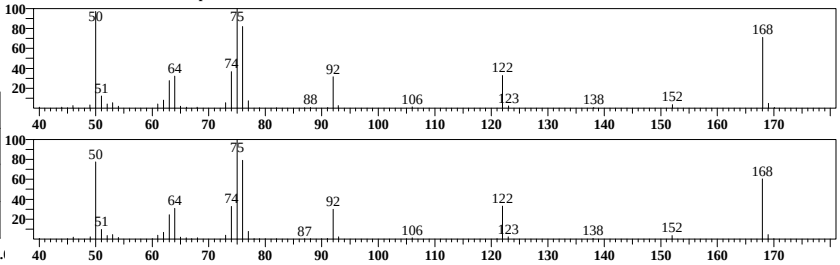


ID#:58 Name:1,3-Dinitrobenzene Type:Target No Manual Integration

Mass:168.00 R.T:14.481 Area:82724 Conc:45.82007ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	76.00	48373	115.55	100.00
2	92.00	18638	44.52	44.00
3	122.00	19386	46.31	47.00

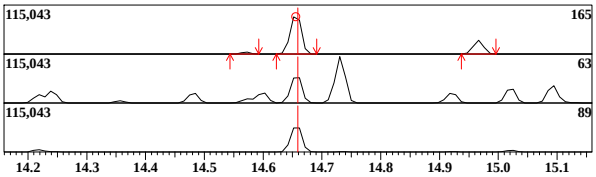


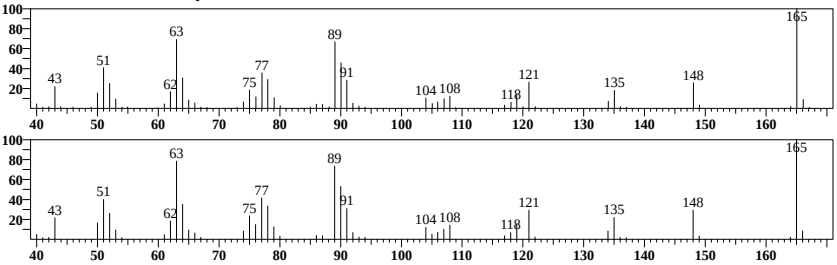


ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT) Type:Target No Manual Integration

Mass:165.00 R.T:14.656 Area:124821 Conc:48.55767ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	63.00	44910	68.99	89.00
2	89.00	43589	66.96	65.00

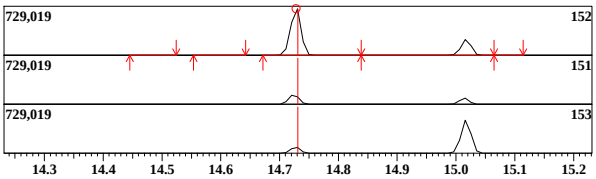


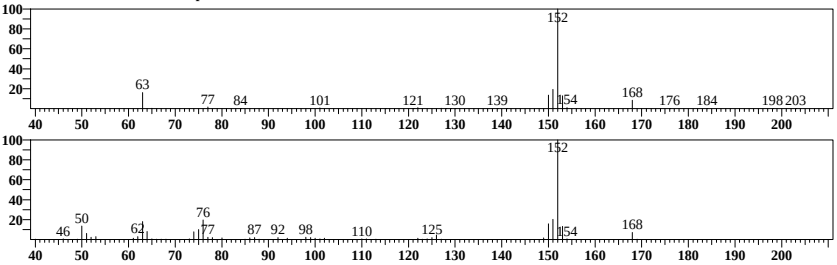


ID#:60 Name:Acenaphthylene Type:Target No Manual Integration

Mass:152.00 R.T:14.728 Area:890003 Conc:44.24906ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	151.00	89679	19.36	14.97
2	153.00	59502	12.84	5.44





ID#:55 R.Time:14.239(Scan#:2175)
MassPeaks:81
RawMode:Averaged 14.229-14.249(2173-2177)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:56 R.Time:14.357(Scan#:2199)
MassPeaks:48
RawMode:Averaged 14.347-14.367(2197-2201)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:57 R.Time:14.573(Scan#:2243)
MassPeaks:58
RawMode:Averaged 14.563-14.583(2241-2245)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:58 R.Time:14.485(Scan#:2225)
MassPeaks:37
RawMode:Averaged 14.475-14.495(2223-2227)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

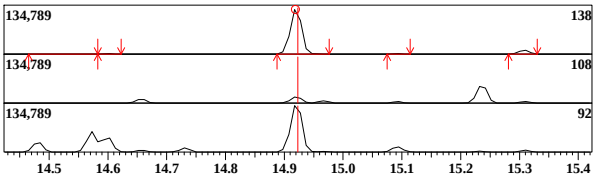
ID#:59 R.Time:14.652(Scan#:2259)
MassPeaks:62
RawMode:Averaged 14.642-14.662(2257-2261)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:60 R.Time:14.731(Scan#:2276)
MassPeaks:24
RawMode:Averaged 14.721-14.740(2274-2278)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM

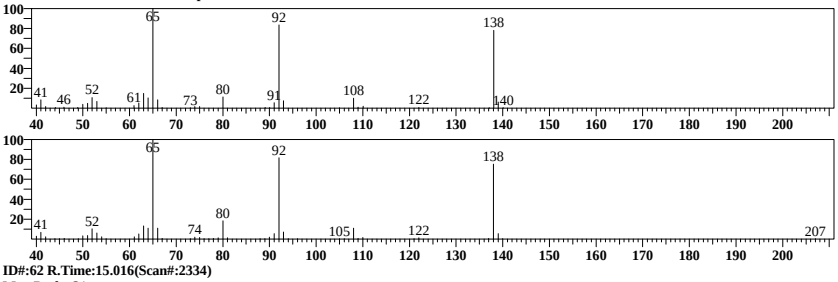
ID#:61 Name:3-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.919 Area:171693 Conc:49.77871ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	108.00	11125	12.59	16.00
2	92.00	94621	107.08	101.00



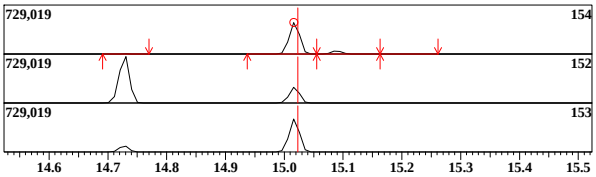
ID#:61 R.Time:14.917(Scan#:2313)
MassPeaks:36
RawMode:Averaged 14.908-14.927(2311-2315)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



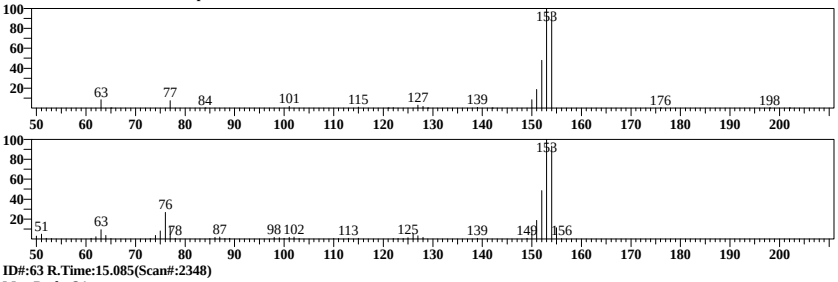
ID#:62 Name:Acenaphthene Type:Target No Manual Integration

Mass:154.00 R.T:15.017 Area:589496 Conc:44.16654ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	152.00	156829	50.06	59.49
2	153.00	326495	104.21	105.06



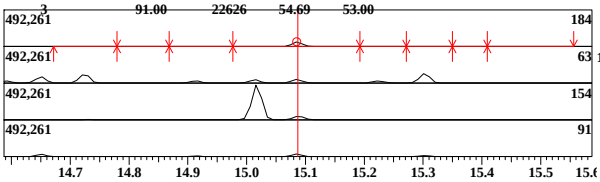
ID#:62 R.Time:15.016(Scan#:2334)
MassPeaks:21
RawMode:Averaged 15.006-15.025(2332-2336)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



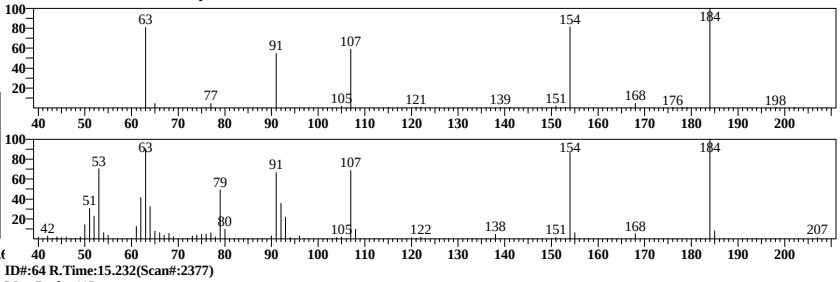
ID#:63 Name:2,4-Dinitrophenol Type:Target No Manual Integration

Mass:184.00 R.T:15.085 Area:82487 Conc:53.04420ppm
Event:2:SIM SI:93

#	m/z	Area	Ratio	Reference
1	63.00	33348	80.60	90.00
2	154.00	33638	81.30	64.00
3	91.00	22626	54.69	53.00



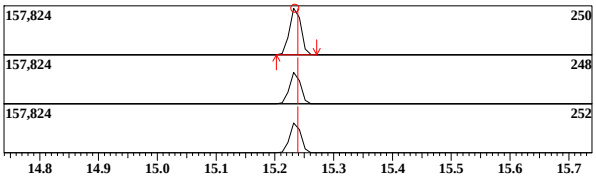
ID#:63 R.Time:15.085(Scan#:2348)
MassPeaks:24
RawMode:Averaged 15.075-15.094(2346-2350)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



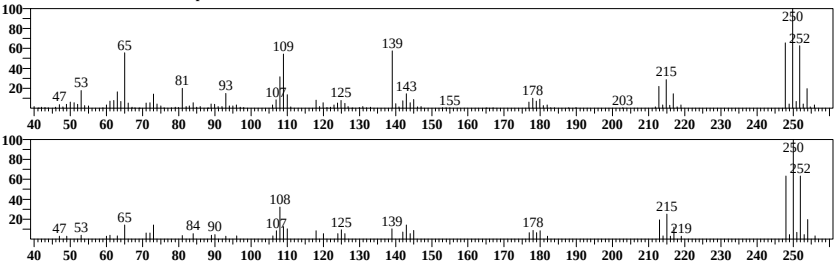
ID#:64 Name:Pentachlorobenzene Type:Target No Manual Integration

Mass:250.00 R.T:15.234 Area:207400 Conc:45.81544ppm
Event:1:Scan SI:87

#	m/z	Area	Ratio	Reference
1	248.00	71370	65.65	63.33
2	252.00	68325	62.85	65.87



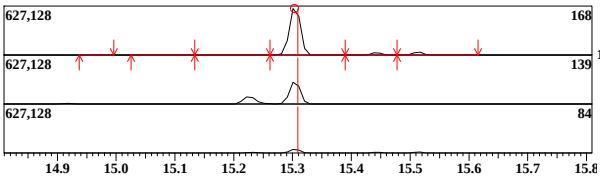
ID#:64 R.Time:15.232(Scan#:2377)
MassPeaks:115
RawMode:Averaged 15.222-15.242(2375-2379)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



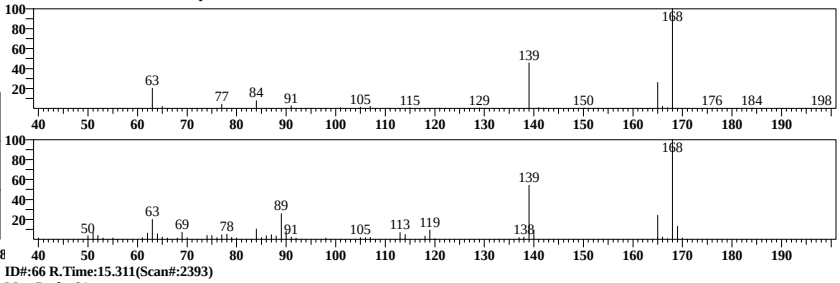
ID#:65 Name:Dibenzofuran Type:Target No Manual Integration

Mass:168.00 R.T:15.304 Area:819659 Conc:45.55199ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	139.00	194868	45.69	44.93
2	84.00	33026	7.74	10.15



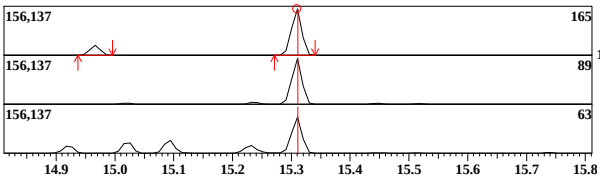
ID#:65 R.Time:15.301(Scan#:2392)
MassPeaks:28
RawMode:Averaged 15.291-15.311(2390-2394)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



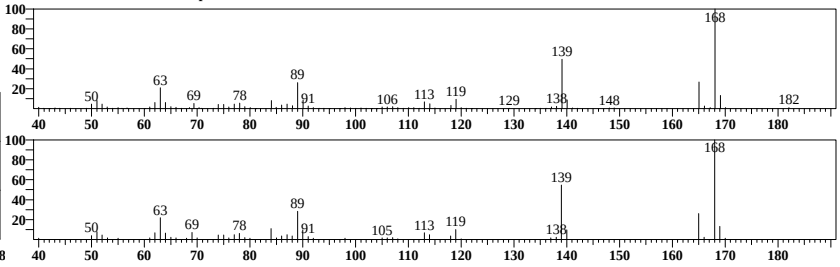
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT) Type:Target No Manual Integration

Mass:165.00 R.T:15.310 Area:183541 Conc:49.49035ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	89.00	94828	97.74	96.00
2	63.00	75269	77.58	80.00



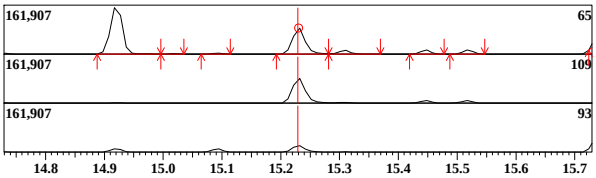
ID#:66 R.Time:15.311(Scan#:2393)
MassPeaks:91
RawMode:Averaged 15.301-15.320(2391-2395)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



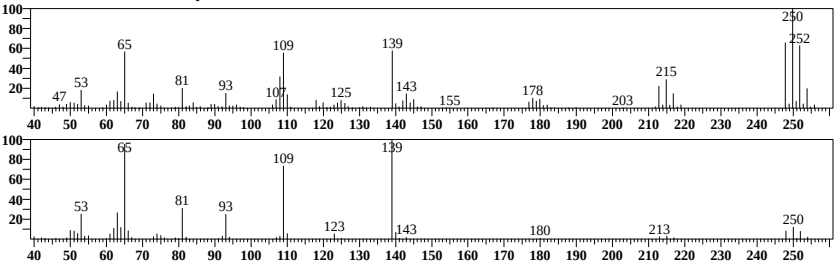
ID#:67 Name:4-Nitrophenol Type:Target No Manual Integration

Mass:65.00 R.T:15.231 Area:132794 Conc:48.97819ppm
Event:1:Scan SI:70

#	m/z	Area	Ratio	Reference
1	109.00	60104	97.72	97.00
2	93.00	16097	26.17	21.72



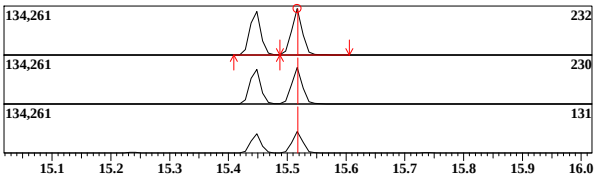
ID#:67 R.Time:15.232(Scan#:2377)
MassPeaks:114
RawMode:Averaged 15.222-15.242(2375-2379)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



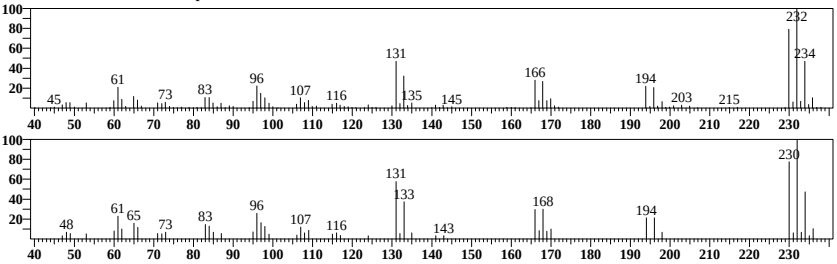
ID#:68 Name:2,3,4,6-Tetrachlorophenol Type:Target No Manual Integration

Mass:232.00 R.T:15.517 Area:161662 Conc:50.65956ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	230.00	64641	79.21	75.09
2	131.00	38233	46.85	41.75



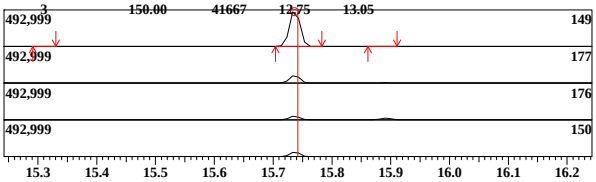
ID#:68 R.Time:15.517(Scan#:2435)
MassPeaks:106
RawMode:Averaged 15.507-15.527(2433-2437)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



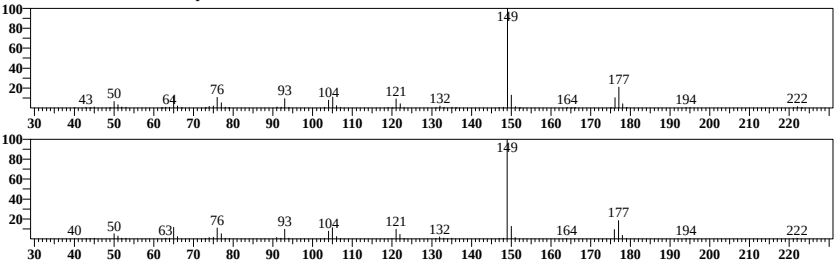
ID#:69 Name:Diethyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:15.736 Area:624106 Conc:47.79077ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	177.00	68326	20.90	23.56
2	176.00	33137	10.14	10.95
3	150.00	41667	12.75	13.05



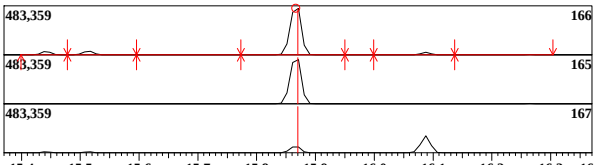
ID#:69 R.Time:15.733(Scan#:2479)
MassPeaks:60
RawMode:Averaged 15.724-15.743(2477-2481)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



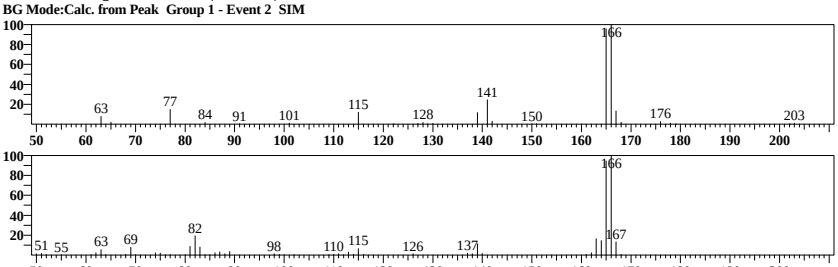
ID#:70 Name:Fluorene Type:Target No Manual Integration

Mass:166.00 R.T:15.867 Area:651037 Conc:44.85685ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	165.00	312212	95.81	75.42
2	167.00	43113	13.23	3.39



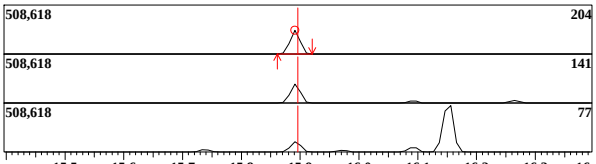
ID#:70 R.Time:15.871(Scan#:2508)
MassPeaks:26
RawMode:Averaged 15.861-15.881(2506-2510)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



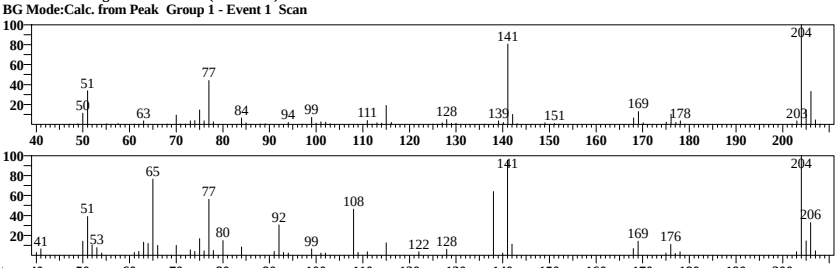
ID#:71 Name:4-Chlorophenyl phenyl ether Type:Target No Manual Integration

Mass:204.00 R.T:15.891 Area:299562 Conc:46.36372ppm
Event:1:Scan SI:72

#	m/z	Area	Ratio	Reference
1	141.00	129841	80.57	98.00
2	77.00	71005	44.06	53.19



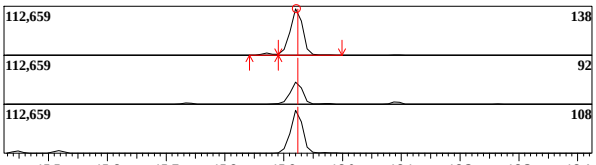
ID#:71 R.Time:15.891(Scan#:2511)
MassPeaks:68
RawMode:Averaged 15.881-15.901(2509-2513)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



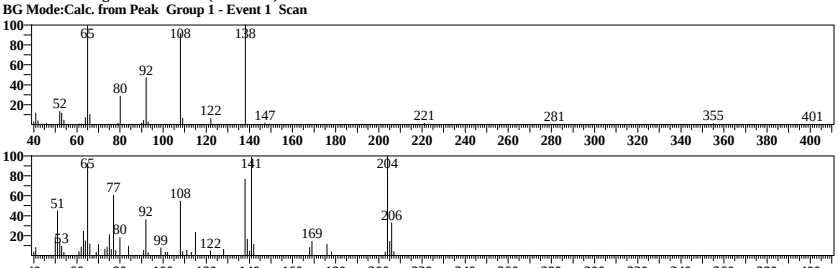
ID#:72 Name:4-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:15.922 Area:161884 Conc:50.42497ppm
Event:1:Scan SI:53

#	m/z	Area	Ratio	Reference
1	92.00	36755	47.02	64.55
2	108.00	71535	91.51	83.01



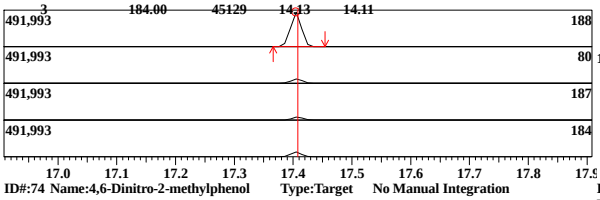
ID#:72 R.Time:15.920(Scan#:2517)
MassPeaks:32
RawMode:Averaged 15.911-15.930(2515-2519)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:73 Name:Phenanthrene-d10 (IS) Type:ISTD No Manual Integration

Mass:188.00 R.T:17.405 Area:615376 Conc:40.00000ppm
Event:1:Scan SI:97

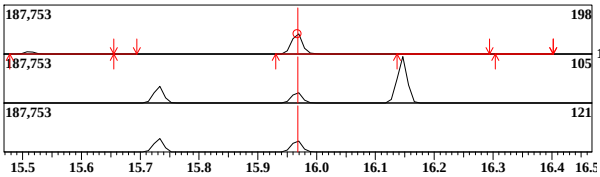
#	m/z	Area	Ratio	Reference
1	80.00	41956	13.14	15.93
2	187.00	27810	8.71	10.00
3	184.00	45129	14.13	14.11



ID#:74 Name:4,6-Dinitro-2-methylphenol Type:Target No Manual Integration

Mass:198.00 R.T:15.967 Area:106930 Conc:52.12948ppm
Event:2:SIM SI:86

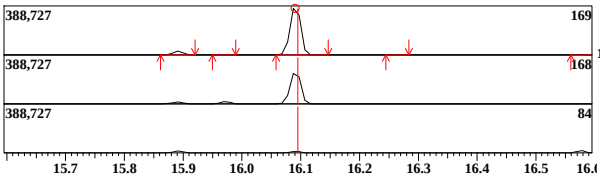
#	m/z	Area	Ratio	Reference
1	105.00	27633	51.96	55.83
2	121.00	29412	55.31	44.01



ID#:75 Name:N-NitrosodiphenylamineType:Target No Manual Integration

Mass:169.00 R.T:16.091 Area:497567 Conc:46.73626ppm
Event:1:Scan SI:92

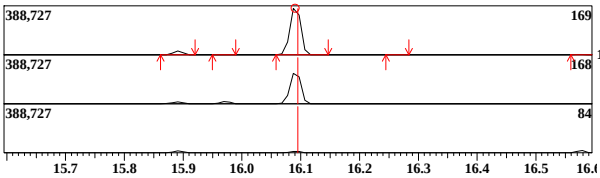
#	m/z	Area	Ratio	Reference
1	168.00	174743	66.41	64.38
2	84.00	8240	3.13	2.92



ID#:76 Name:Diphenylamine Type:Target No Manual Integration

Mass:169.00 R.T:16.091 Area:497567 Conc:46.73626ppm
Event:1:Scan SI:92

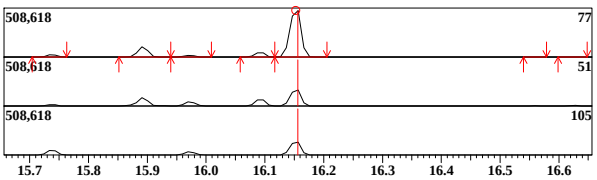
#	m/z	Area	Ratio	Reference
1	168.00	174743	66.41	64.38
2	84.00	8240	3.13	2.92



ID#:77 Name:1,2-Diphenylhydrazine Type:Target No Manual Integration

Mass:77.00 R.T:16.153 Area:663438 Conc:46.54205ppm
Event:1:Scan SI:96

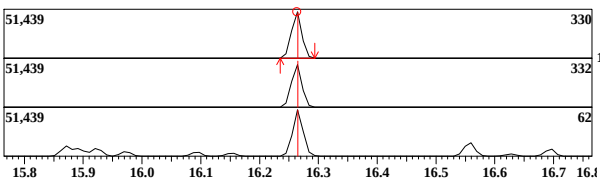
#	m/z	Area	Ratio	Reference
1	51.00	114260	33.93	21.73
2	105.00	92729	27.54	6.07



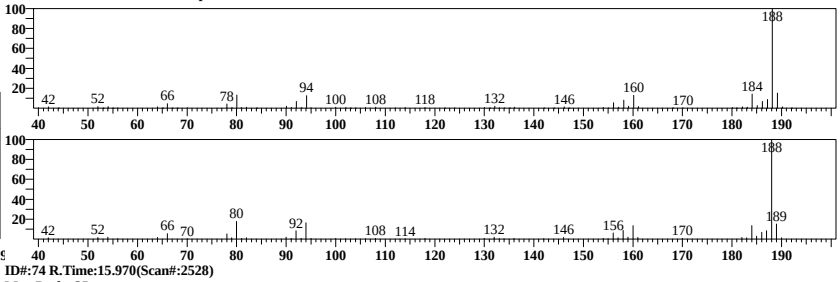
ID#:78 Name:2,4,6-Tribromophenol Type:Surrogate/SMC No Manual Integration

Mass:330.00 R.T:16.263 Area:61287 Conc:44.03103ppm
Event:1:Scan SI:70

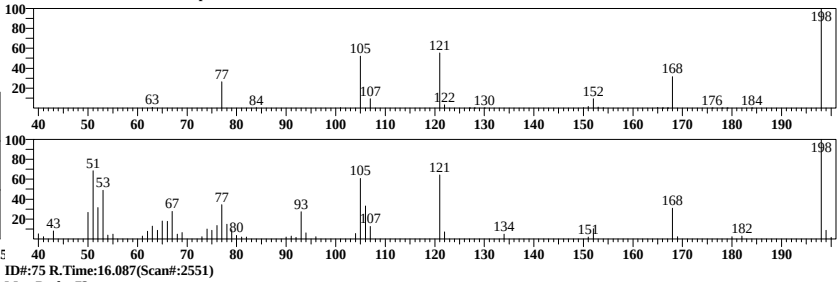
#	m/z	Area	Ratio	Reference
1	332.00	29997	93.05	100.00
2	62.00	31869	98.85	97.00



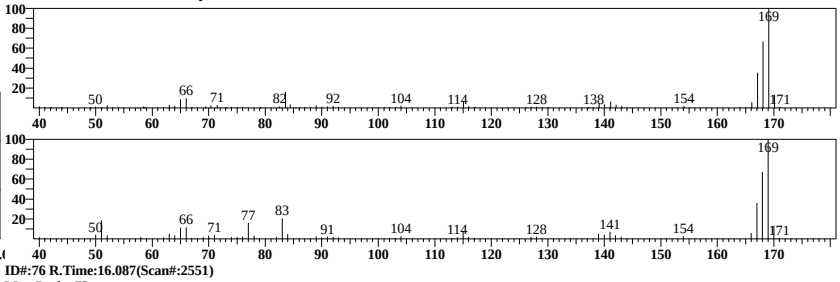
ID#:73 R.Time:17.405(Scan#:2819)
MassPeaks:70
RawMode:Averaged 17.395-17.415(2817-2821)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



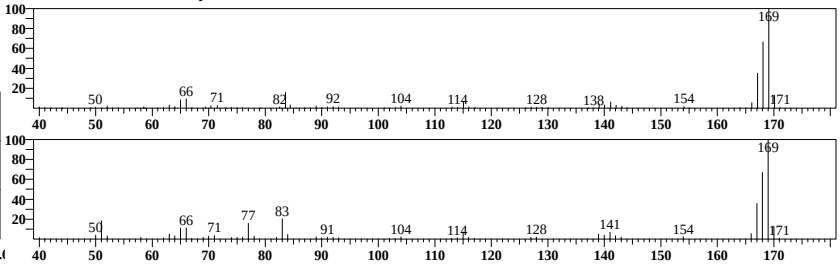
ID#:74 R.Time:15.970(Scan#:2528)
MassPeaks:25
RawMode:Averaged 15.960-15.979(2526-2530)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



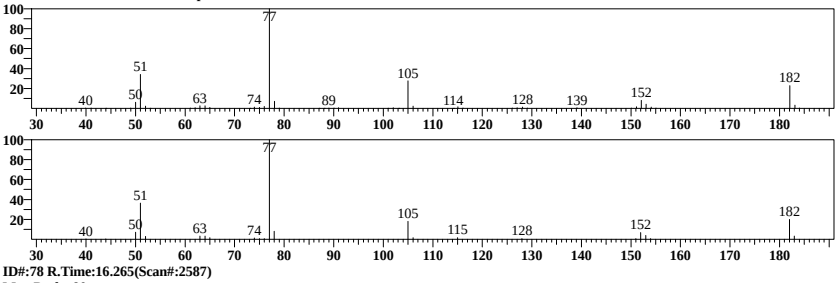
ID#:75 R.Time:16.087(Scan#:2551)
MassPeaks:72
RawMode:Averaged 16.078-16.097(2549-2553)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



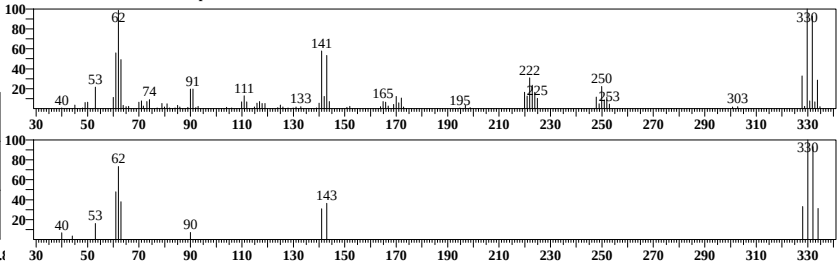
ID#:76 R.Time:16.087(Scan#:2551)
MassPeaks:72
RawMode:Averaged 16.078-16.097(2549-2553)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:77 R.Time:16.156(Scan#:2565)
MassPeaks:47
RawMode:Averaged 16.147-16.166(2563-2567)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



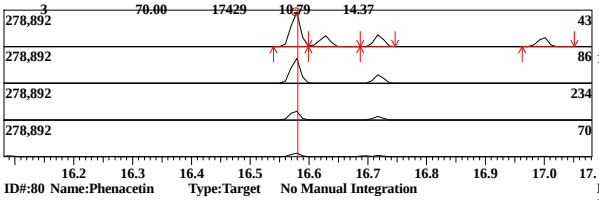
ID#:78 R.Time:16.265(Scan#:2587)
MassPeaks:90
RawMode:Averaged 16.255-16.274(2585-2589)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

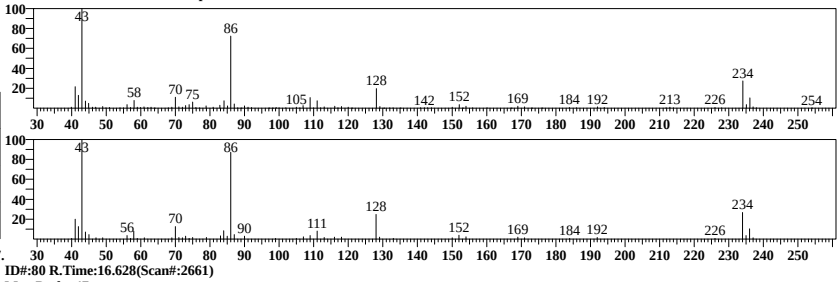


ID#:79 Name:(cis/trans)-Diallate Type:Target No Manual Integration

Mass:43.00 R.T:16.578 Area:310276 Conc:46.13355ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	86.00	116886	72.36	76.79
2	234.00	44078	27.29	26.39
3	70.00	17429	10.79	14.37



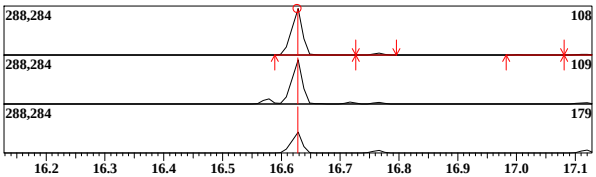


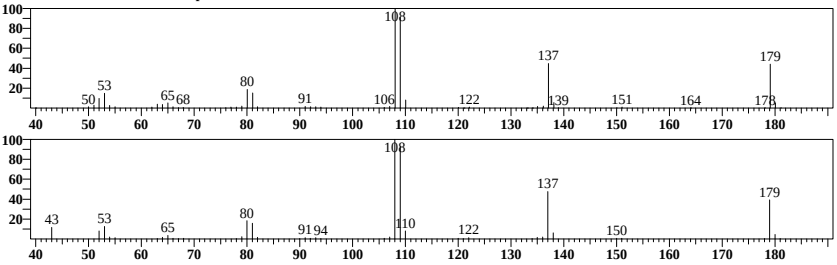
ID#:79 R.Time:16.579(Scan#:2651)
MassPeaks:98
RawMode:Averaged 16.569-16.589(2649-2653)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:80 Name:Phenacetin Type:Target No Manual Integration

Mass:108.00 R.T:16.627 Area:357296 Conc:51.13300ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	109.00	161980	90.90	83.01
2	179.00	78643	44.13	44.31



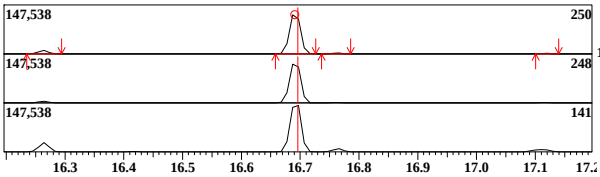


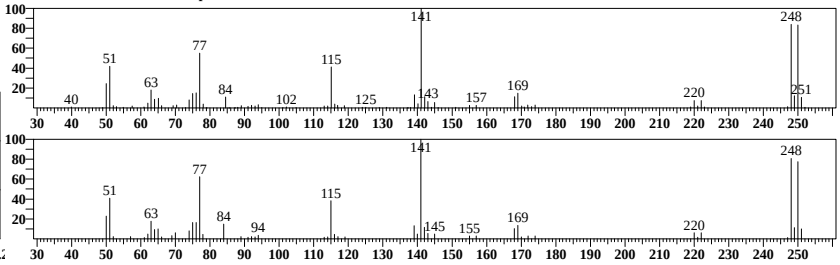
ID#:80 R.Time:16.628(Scan#:2661)
MassPeaks:47
RawMode:Averaged 16.619-16.638(2659-2663)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:81 Name:4-Bromophenyl phenyl ether Type:Target No Manual Integration

Mass:250.00 R.T:16.691 Area:162923 Conc:46.10917ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	248.00	85567	100.86	105.86
2	141.00	102046	120.29	137.00



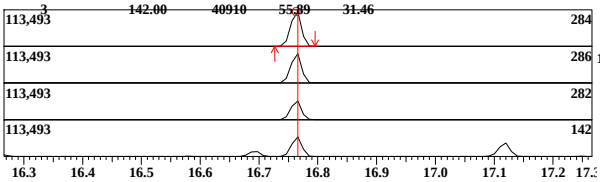


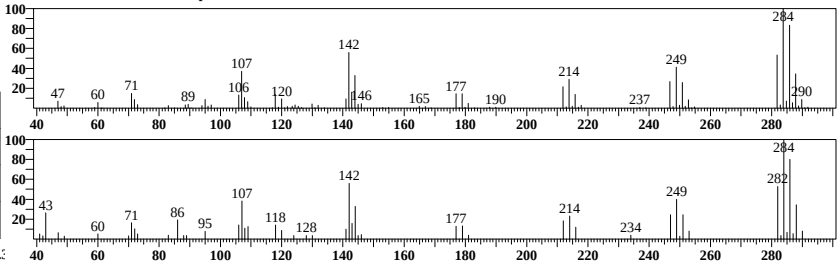
ID#:81 R.Time:16.687(Scan#:2673)
MassPeaks:77
RawMode:Averaged 16.677-16.697(2671-2675)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:82 Name:Hexachlorobenzene Type:Target No Manual Integration

Mass:284.00 R.T:16.764 Area:141865 Conc:44.04729ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	286.00	60998	83.33	79.72
2	282.00	39130	53.45	51.93
3	142.00	40910	55.89	31.46



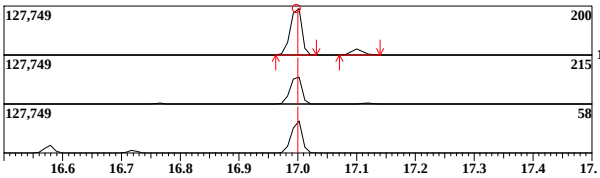


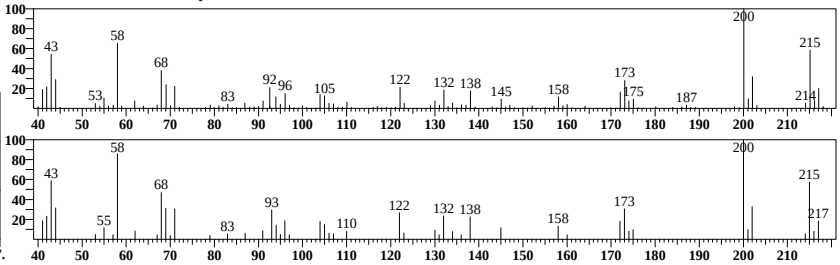
ID#:82 R.Time:16.766(Scan#:2689)
MassPeaks:86
RawMode:Averaged 16.756-16.776(2687-2691)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:83 Name:Atrazine Type:Target No Manual Integration

Mass:200.00 R.T:16.998 Area:169639 Conc:47.64477ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	215.00	48865	58.59	59.43
2	58.00	54441	65.28	64.00



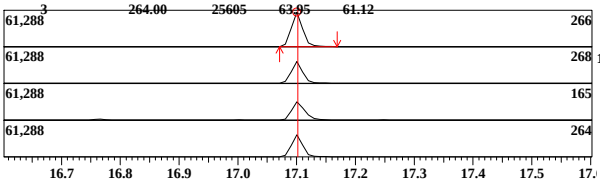


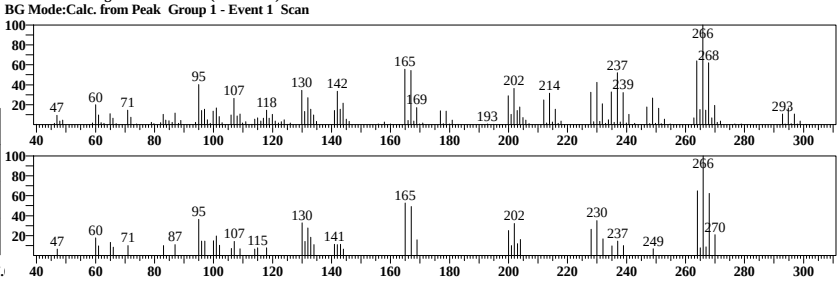
ID#:83 R.Time:17.002(Scan#:2737)
MassPeaks:119
RawMode:Averaged 16.992-17.012(2735-2739)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:84 Name:Pentachlorophenol Type:Target No Manual Integration

Mass:266.00 R.T:17.100 Area:80522 Conc:45.34800ppm
Event:1:Scan SI:83

#	m/z	Area	Ratio	Reference
1	268.00	24897	62.18	59.97
2	165.00	22314	55.73	41.42
3	264.00	25605	63.95	61.12



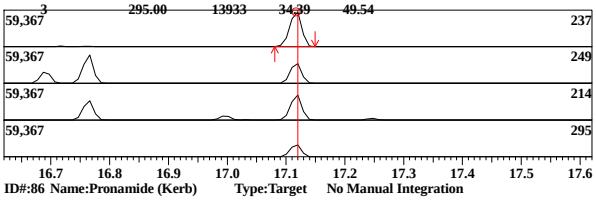


ID#:84 R.Time:17.100(Scan#:2757)
MassPeaks:144
RawMode:Averaged 17.090-17.110(2755-2759)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

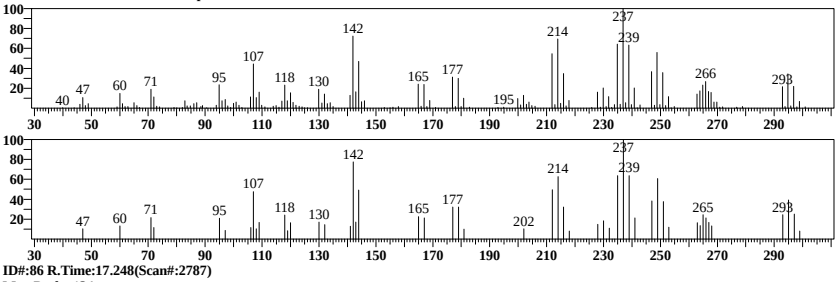
ID#:85 Name:Pentachloronitrobenzene Type:Target No Manual Integration

Mass:237.00 R.T:17.117 Area:82390 Conc:48.99624ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	249.00	22626	55.85	68.26
2	214.00	28095	69.35	62.54
3	295.00	13933	34.39	49.54



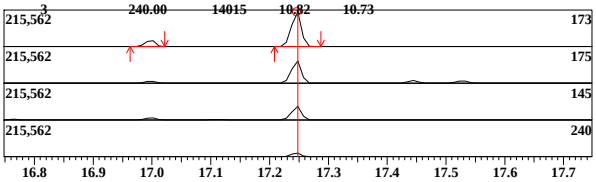
ID#:85 R.Time:17.120(Scan#:2761)
MassPeaks:148
RawMode:Averaged 17.110-17.130(2759-2763)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



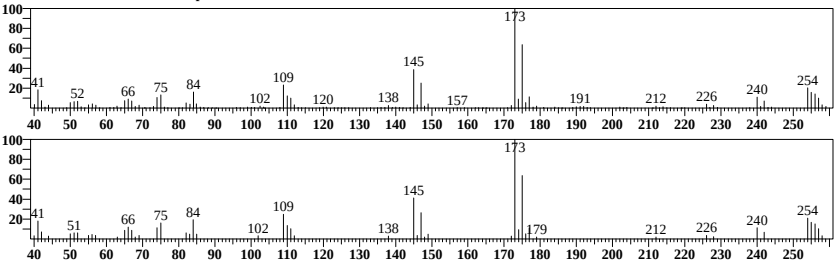
ID#:86 Name:Pronamide (Kerb) Type:Target No Manual Integration

Mass:173.00 R.T:17.246 Area:246387 Conc:47.31538ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	175.00	82467	63.66	60.85
2	145.00	49927	38.54	30.82
3	240.00	14015	10.82	10.73



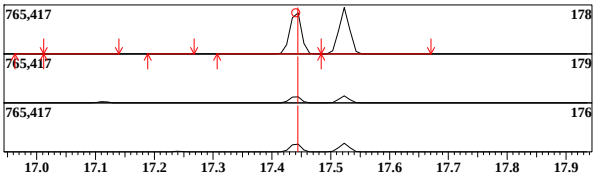
ID#:86 R.Time:17.248(Scan#:2787)
MassPeaks:134
RawMode:Averaged 17.238-17.258(2785-2789)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



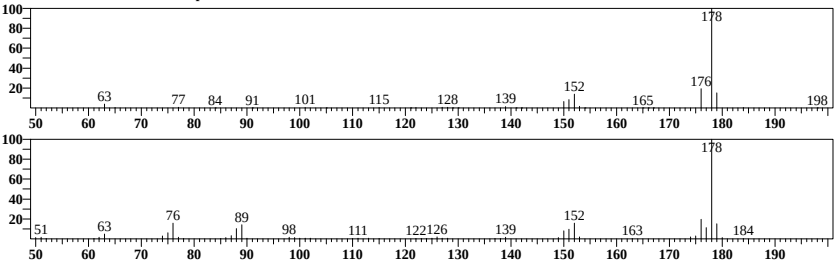
ID#:87 Name:Phenanthrene Type:Target No Manual Integration

Mass:178.00 R.T:17.441 Area:915303 Conc:44.72874ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	179.00	69285	15.09	15.63
2	176.00	88023	19.18	18.75



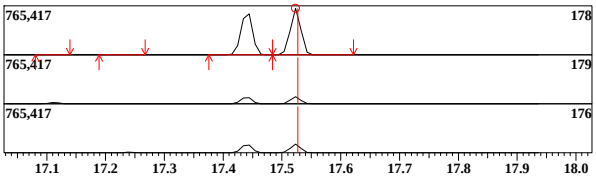
ID#:87 R.Time:17.445(Scan#:2828)
MassPeaks:30
RawMode:Averaged 17.435-17.454(2826-2830)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



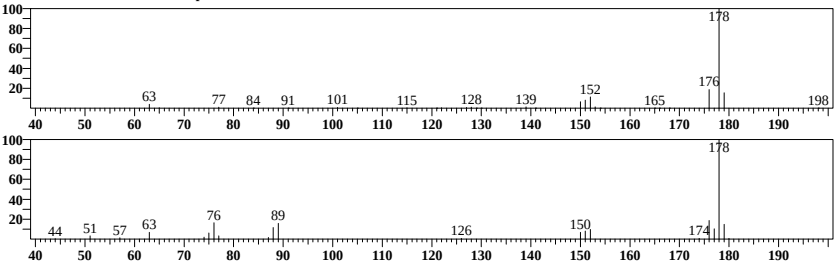
ID#:88 Name:Anthracene Type:Target No Manual Integration

Mass:178.00 R.T:17.523 Area:926174 Conc:43.44464ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	179.00	74445	15.28	12.08
2	176.00	91163	18.70	20.60



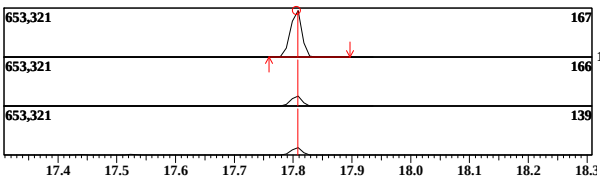
ID#:88 R.Time:17.523(Scan#:2844)
MassPeaks:28
RawMode:Averaged 17.513-17.533(2842-2846)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



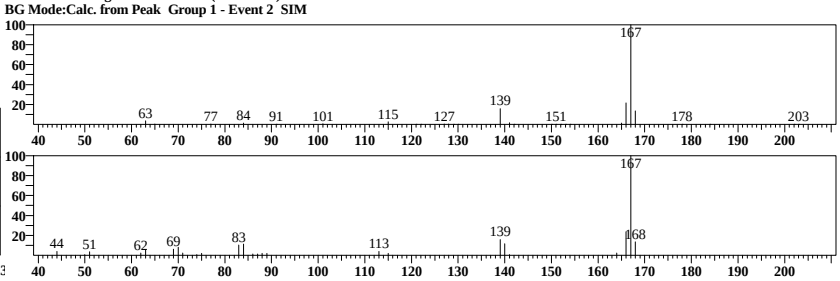
ID#:89 Name:Carbazole Type:Target No Manual Integration

Mass:167.00 R.T:17.806 Area:852687 Conc:44.94001ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	166.00	92451	21.46	20.96
2	139.00	67347	15.63	12.92



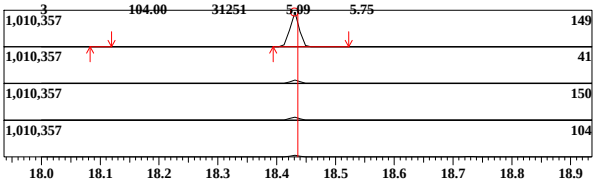
ID#:89 R.Time:17.808(Scan#:2902)
MassPeaks:29
RawMode:Averaged 17.799-17.818(2900-2904)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



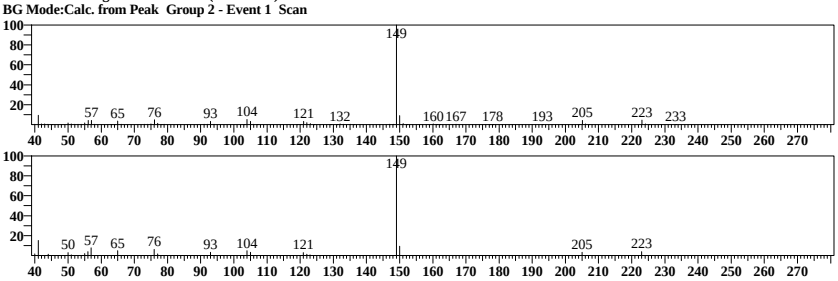
ID#:90 Name:Di-n-butyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:18.430 Area:1071252 Conc:47.87489ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	41.00	58180	9.48	10.41
2	150.00	55751	9.09	8.84
3	104.00	31251	5.09	5.75



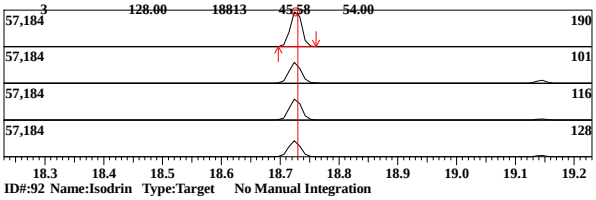
ID#:90 R.Time:18.431(Scan#:3023)
MassPeaks:69
RawMode:Averaged 18.422-18.440(3021-3025)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



ID#:91 Name:4-Nitroquinoline-N-Oxide Type:Target No Manual Integration

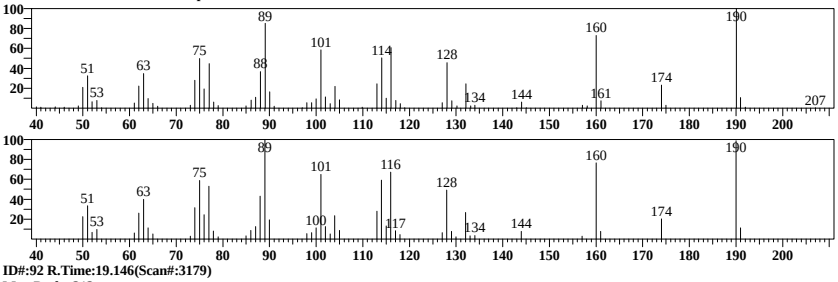
Mass:190.00 R.T:18.727 Area:76153 Conc:48.51310ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	101.00	24108	58.41	71.00
2	116.00	25097	60.80	70.00
3	128.00	18813	45.58	54.00



ID#:92 Name:Isodrin Type:Target No Manual Integration

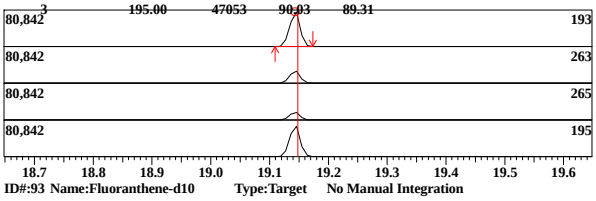
ID#:91 R.Time:18.724(Scan#:3087)
MassPeaks:67
RawMode:Averaged 18.715-18.733(3085-3089)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



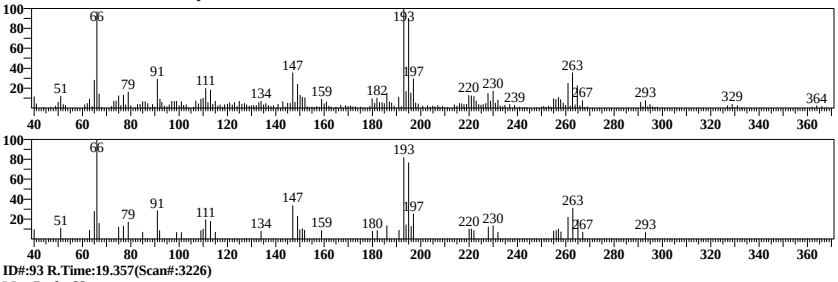
ID#:92 R.Time:19.146(Scan#:3179)
MassPeaks:212
RawMode:Averaged 19.137-19.155(3177-3181)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan

Mass:193.00 R.T:19.144 Area:96517 Conc:47.66115ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	263.00	18516	35.43	42.74
2	265.00	11695	22.38	29.49
3	195.00	47053	90.03	89.31



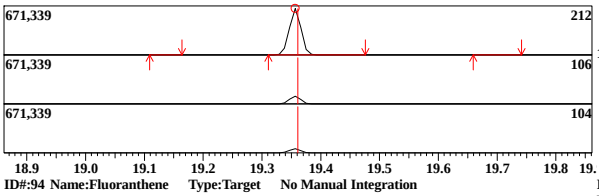
ID#:93 Name:Fluoranthene-d10 Type:Target No Manual Integration



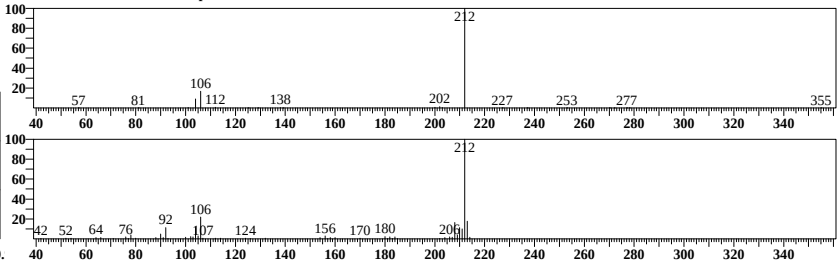
ID#:93 R.Time:19.357(Scan#:3226)
MassPeaks:22
RawMode:Averaged 19.348-19.366(3224-3228)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM

Mass:212.00 R.T:19.357 Area:884332 Conc:46.33719ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	106.00	78278	16.66	22.08
2	104.00	42016	8.95	12.34



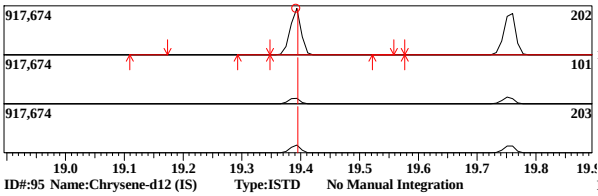
ID#:94 Name:Fluoranthene Type:Target No Manual Integration



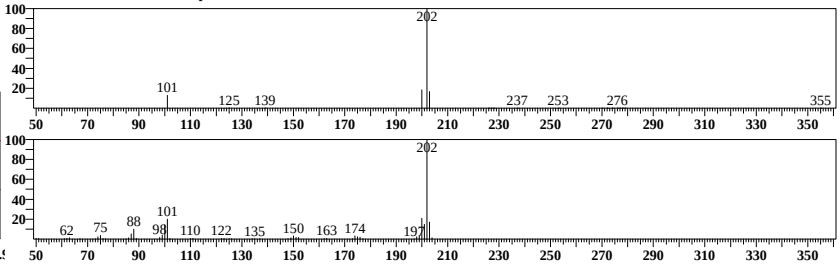
ID#:94 R.Time:19.393(Scan#:3234)
MassPeaks:19
RawMode:Averaged 19.384-19.403(3232-3236)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM

Mass:202.00 R.T:19.392 Area:1115337 Conc:44.39347ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	101.00	77327	12.88	14.12
2	203.00	100334	16.72	6.47



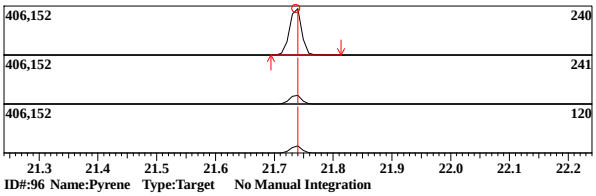
ID#:95 Name:Chrysene-d12 (IS) Type:ISTD No Manual Integration



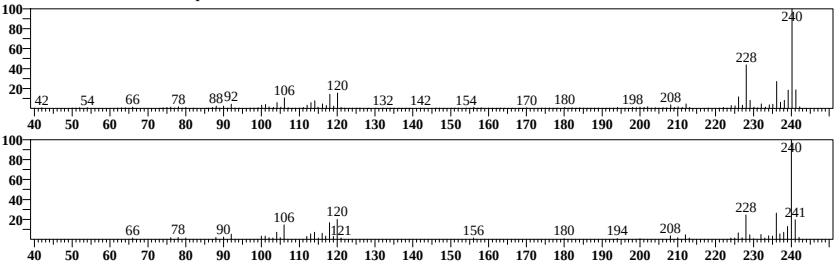
ID#:95 R.Time:21.740(Scan#:3745)
MassPeaks:154
RawMode:Averaged 21.731-21.749(3743-3747)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan

Mass:240.00 R.T:21.737 Area:558424 Conc:40.00000ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	241.00	53747	18.78	19.13
2	120.00	44203	15.44	14.79



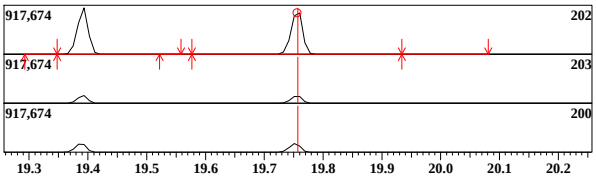
ID#:96 Name:Pyrene Type:Target No Manual Integration

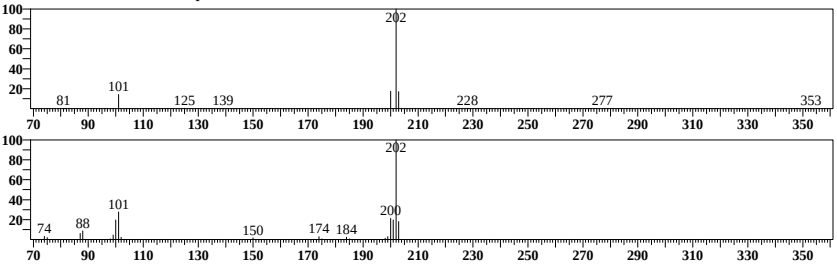


ID#:96 R.Time:19.760(Scan#:3314)
MassPeaks:14
RawMode:Averaged 19.751-19.769(3312-3316)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM

Mass:202.00 R.T:19.756 Area:1133598 Conc:43.21919ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	203.00	96622	16.91	18.13
2	200.00	99861	17.47	4.68

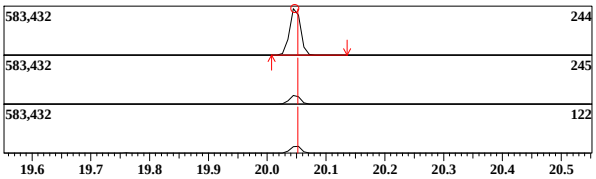




ID#:97 Name:p-Terphenyl-d14Type:Surrogate/SMC No Manual Integration

Mass:244.00 R.T:20.047 Area:749031 Conc:45.06886ppm
Event:1:Scan SI:81

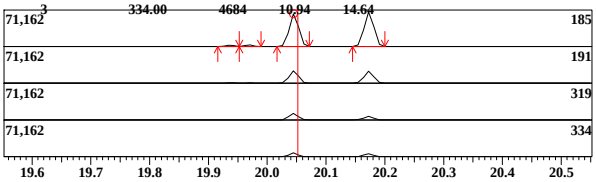
#	m/z	Area	Ratio	Reference
1	245.00	78251	19.18	19.16
2	122.00	61894	15.17	13.22



ID#:98 Name:Aramite A Type:Target No Manual Integration

Mass:185.00 R.T:20.045 Area:74991 Conc:21.96838ppm
Event:1:Scan SI:44

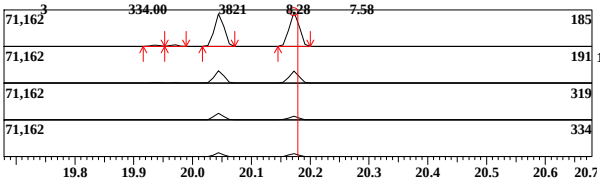
#	m/z	Area	Ratio	Reference
1	191.00	15965	37.28	44.95
2	319.00	8673	20.25	34.11
3	334.00	4684	10.94	14.64



ID#:99 Name:Aramite B Type:Target No Manual Integration

Mass:185.00 R.T:20.173 Area:80506 Conc:24.14372ppm
Event:1:Scan SI:96

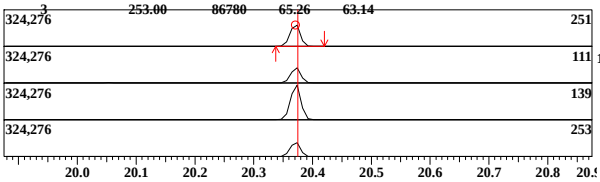
#	m/z	Area	Ratio	Reference
1	191.00	15542	33.67	42.53
2	319.00	4658	10.09	13.52
3	334.00	3821	8.28	7.58



ID#:100 Name:Chlorobenzilate Type:Target No Manual Integration

Mass:251.00 R.T:20.371 Area:246654 Conc:48.02609ppm
Event:1:Scan SI:98

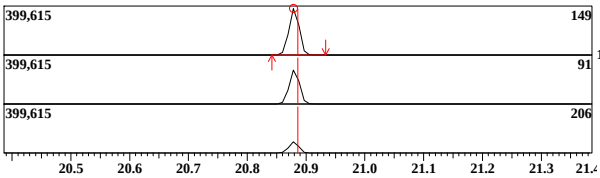
#	m/z	Area	Ratio	Reference
1	111.00	92420	69.50	55.84
2	139.00	214042	160.97	178.00
3	253.00	86780	65.26	63.14



ID#:101 Name:Butyl benzyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:20.879 Area:469818 Conc:47.24863ppm
Event:1:Scan SI:89

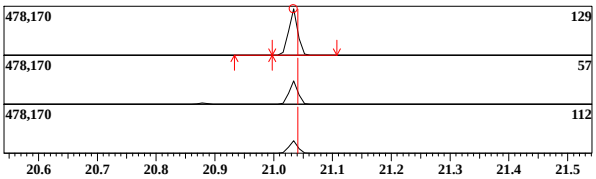
#	m/z	Area	Ratio	Reference
1	91.00	194437	73.65	92.95
2	206.00	62243	23.58	26.43



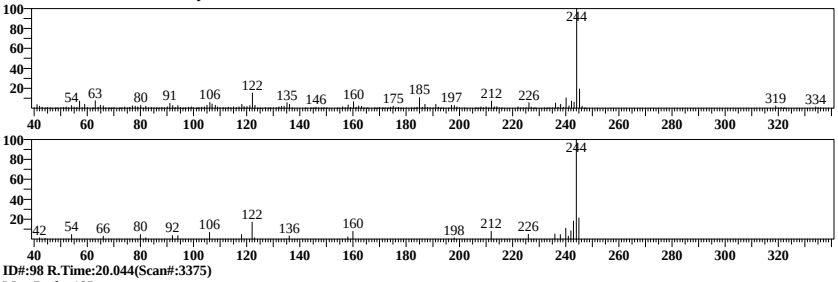
ID#:102 Name:Di(2-ethylhexyl) adipate Type:Target No Manual Integration

Mass:129.00 R.T:21.033 Area:499180 Conc:46.62191ppm
Event:1:Scan SI:98

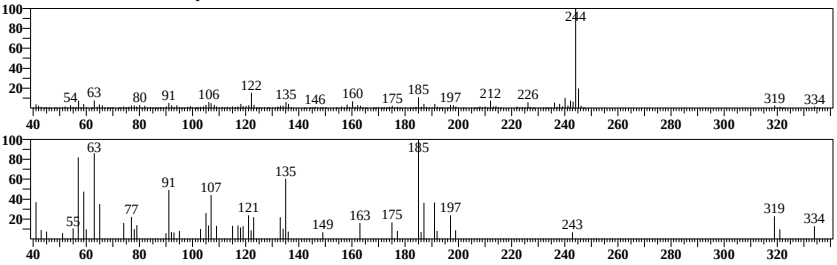
#	m/z	Area	Ratio	Reference
1	57.00	143491	50.28	40.00
2	112.00	76757	26.90	27.60



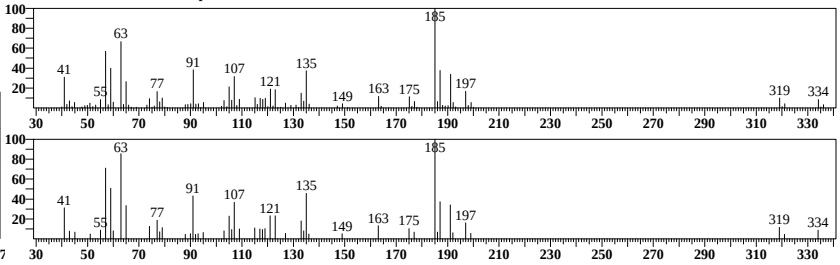
ID#:97 R.Time:20.044(Scan#:3375)
MassPeaks:185
RawMode:Averaged 20.035-20.053(3373-3377)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



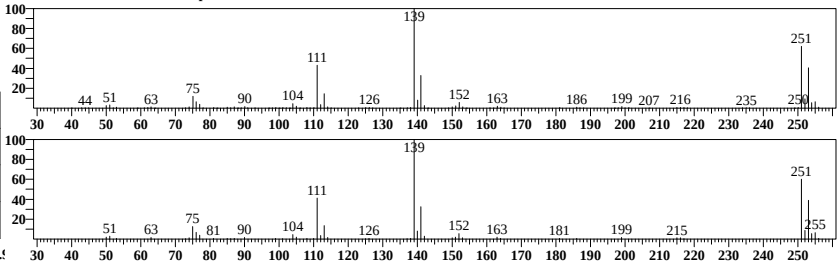
ID#:98 R.Time:20.044(Scan#:3375)
MassPeaks:185
RawMode:Averaged 20.035-20.053(3373-3377)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



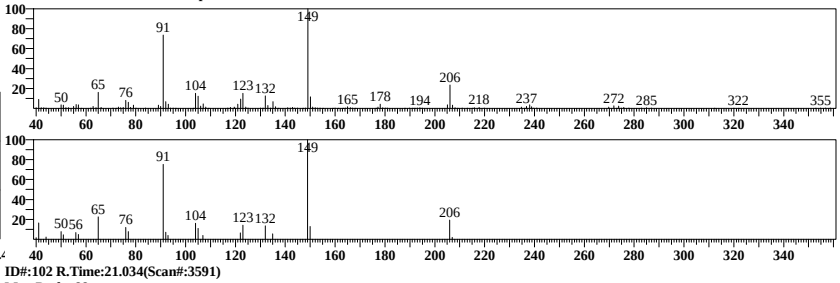
ID#:99 R.Time:20.172(Scan#:3403)
MassPeaks:95
RawMode:Averaged 20.163-20.182(3401-3405)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



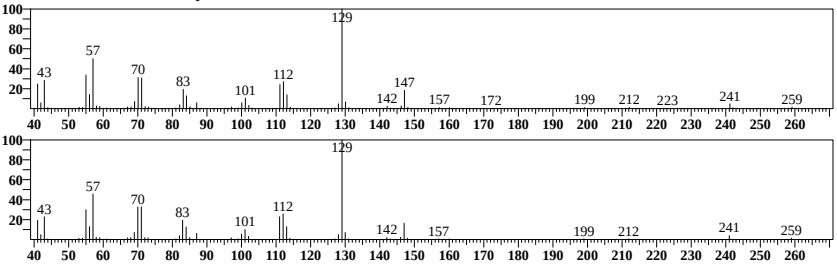
ID#:100 R.Time:20.374(Scan#:3447)
MassPeaks:95
RawMode:Averaged 20.365-20.383(3445-3449)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



ID#:101 R.Time:20.878(Scan#:3557)
MassPeaks:132
RawMode:Averaged 20.869-20.887(3555-3559)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



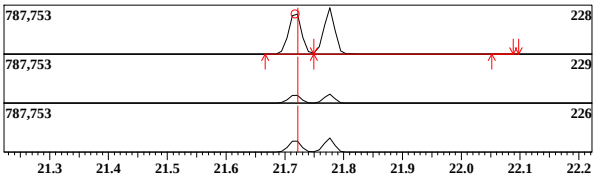
ID#:102 R.Time:21.034(Scan#:3591)
MassPeaks:88
RawMode:Averaged 21.025-21.043(3589-3593)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



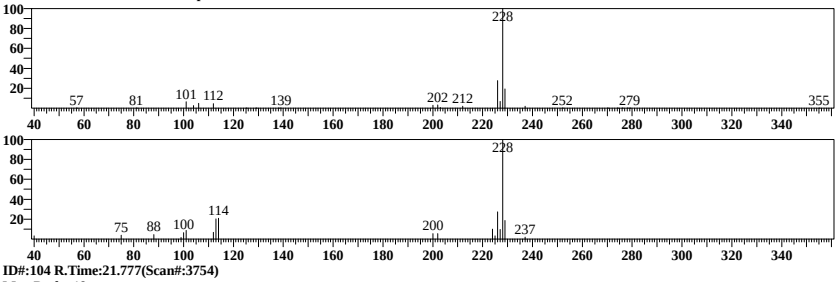
ID#:103 Name:Benzo[a]anthracene Type:Target No Manual Integration

Mass:228.00 R.T:21.717 Area:1051120 Conc:44.66623ppm
Event:2:SIM SI:87

#	m/z	Area	Ratio	Reference
1	229.00	96491	19.35	27.13
2	226.00	137570	27.59	24.70



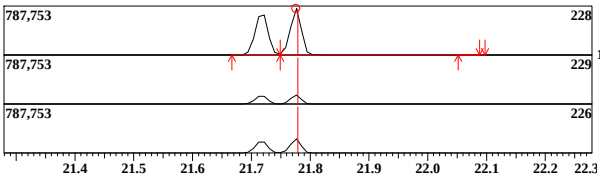
ID#:103 R.Time:21.722(Scan#:3742)
MassPeaks:26
RawMode:Averaged 21.712-21.731(3740-3744)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



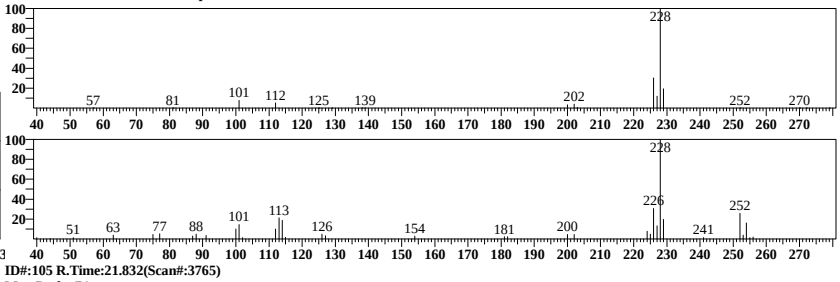
ID#:104 Name:Chrysene Type:Target No Manual Integration

Mass:228.00 R.T:21.776 Area:995820 Conc:42.20042ppm
Event:2:SIM SI:80

#	m/z	Area	Ratio	Reference
1	229.00	99539	19.35	27.13
2	226.00	155955	30.32	24.70



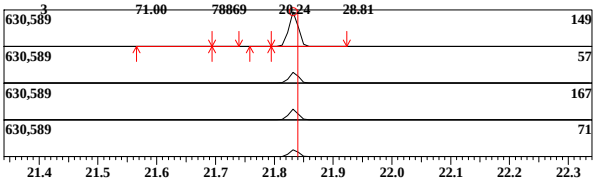
ID#:104 R.Time:21.777(Scan#:3754)
MassPeaks:19
RawMode:Averaged 21.767-21.786(3752-3756)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



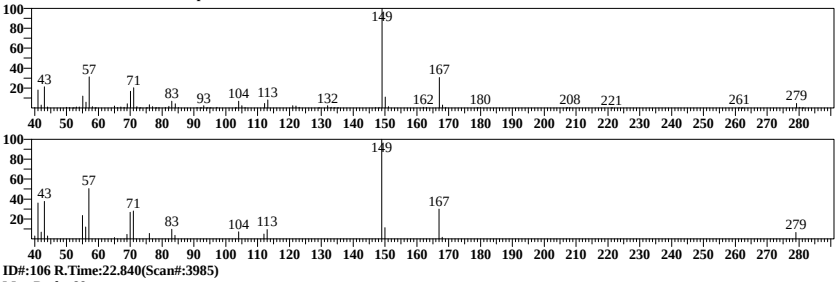
ID#:105 Name:Bis(2-Ethylhexyl) phthalate Type:Target No Manual Integration

Mass:149.00 R.T:21.832 Area:685093 Conc:46.95837ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	57.00	121237	31.11	45.69
2	167.00	119098	30.57	32.70
3	71.00	78869	20.24	28.81



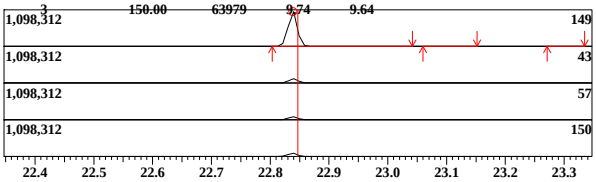
ID#:105 R.Time:21.832(Scan#:3765)
MassPeaks:74
RawMode:Averaged 21.823-21.841(3763-3767)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



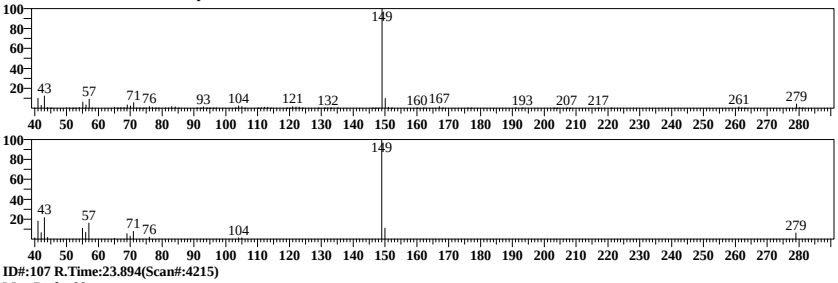
ID#:106 Name:Di-n-octyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:22.839 Area:1175933 Conc:48.27413ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	43.00	81133	12.35	13.63
2	57.00	59952	9.12	13.85
3	150.00	63979	9.74	9.64



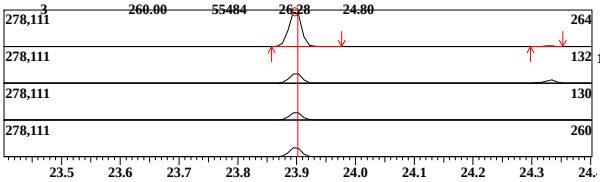
ID#:106 R.Time:22.840(Scan#:3985)
MassPeaks:89
RawMode:Averaged 22.831-22.849(3983-3987)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



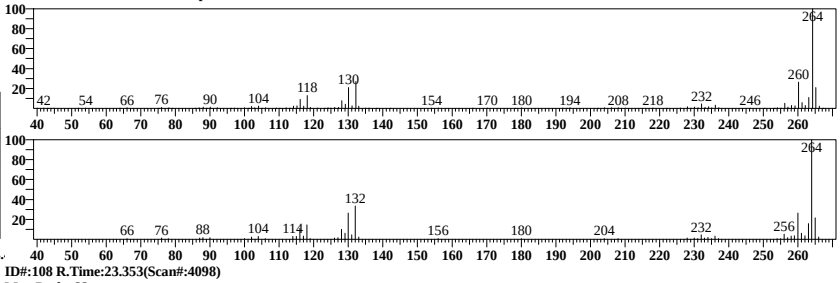
ID#:107 Name:Perylene-d12 (IS) Type:ISTD No Manual Integration

Mass:264.00 R.T:23.897 Area:415895 Conc:40.00000ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	132.00	56863	26.94	20.63
2	130.00	44134	20.91	16.36
3	260.00	55484	26.28	24.80



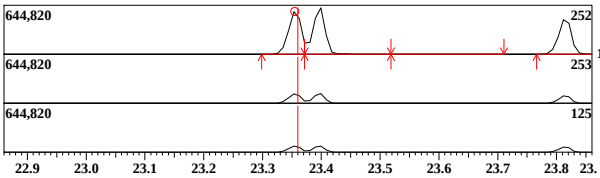
ID#:107 R.Time:23.894(Scan#:4215)
MassPeaks:98
RawMode:Averaged 23.885-23.903(4213-4217)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



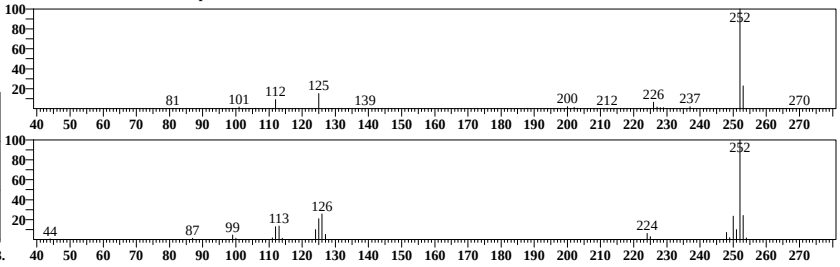
ID#:108 Name:Benzo[b]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.355 Area:879790 Conc:42.72255ppm
Event:2:SIM SI:73

#	m/z	Area	Ratio	Reference
1	253.00	76425	22.82	24.52
2	125.00	50601	15.11	21.64



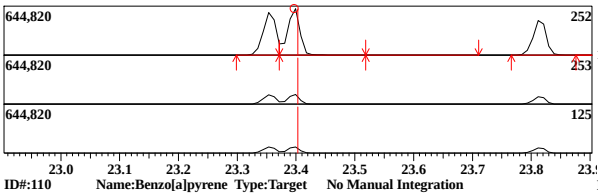
ID#:108 R.Time:23.353(Scan#:4098)
MassPeaks:23
RawMode:Averaged 23.344-23.363(4096-4100)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



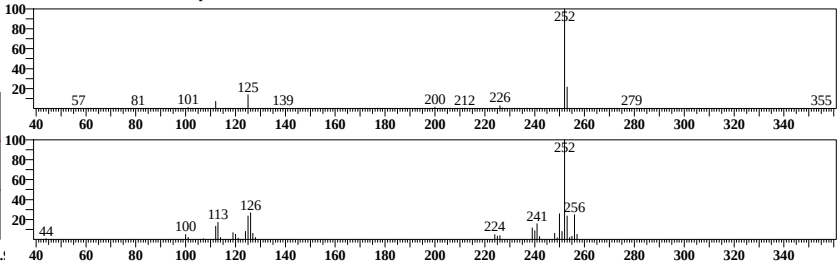
ID#:109 Name:Benzo[k]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.397 Area:859945 Conc:43.81899ppm
Event:2:SIM SI:77

#	m/z	Area	Ratio	Reference
1	253.00	69358	21.41	24.52
2	125.00	45021	13.90	21.64



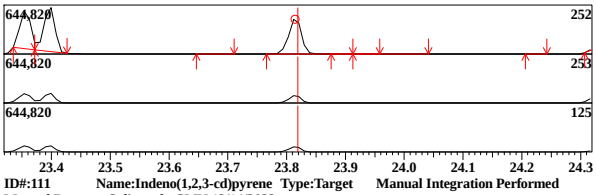
ID#:109 R.Time:23.399(Scan#:4108)
MassPeaks:21
RawMode:Averaged 23.390-23.408(4106-4110)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



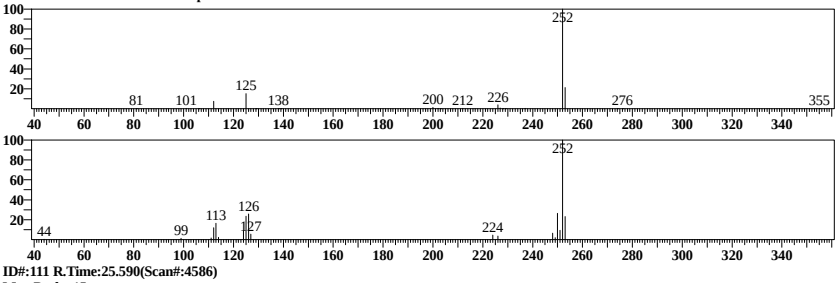
ID#:110 Name:Benzo[a]pyrene Type:Target No Manual Integration

Mass:252.00 R.T:23.814 Area:733639 Conc:45.57370ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	253.00	78063	21.37	24.52
2	125.00	54790	15.00	21.64



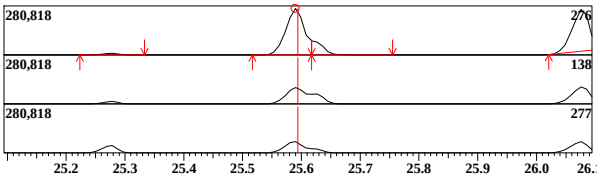
ID#:110 R.Time:23.812(Scan#:4198)
MassPeaks:22
RawMode:Averaged 23.802-23.821(4196-4200)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



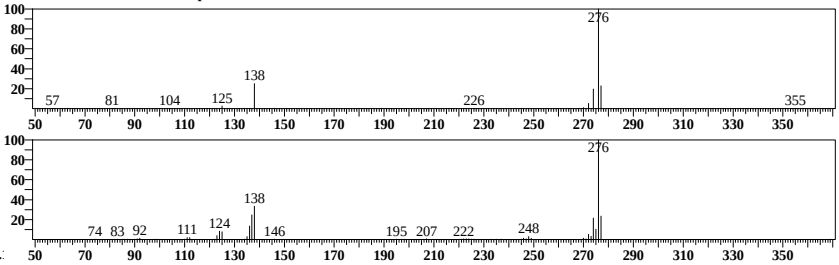
ID#:111 Name:Indeno(1,2,3-cd)pyrene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/14/2022

Mass:276.00 R.T:25.590 Area:604913 Conc:48.77129ppm
Event:2:SIM SI:95

#	m/z	Area	Ratio	Reference
1	138.00	43849	25.12	6.67
2	277.00	39796	22.80	14.17



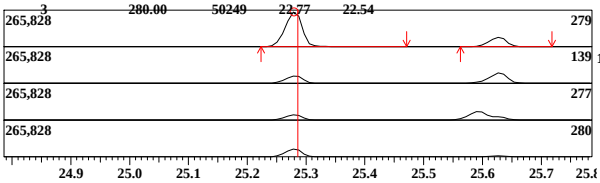
ID#:111 R.Time:25.590(Scan#:4586)
MassPeaks:15
RawMode:Averaged 25.581-25.599(4584-4588)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



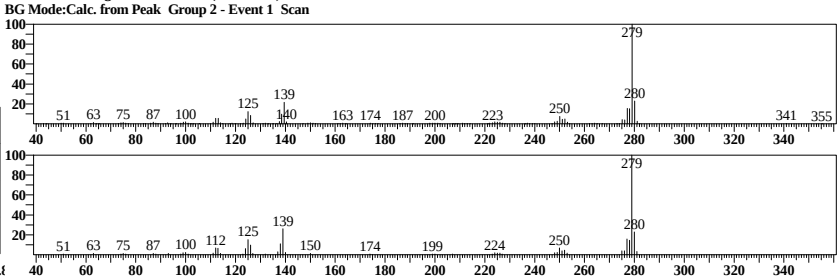
ID#:113 Name:Dibenz(a,j)Acridine Type:Target No Manual Integration

Mass:279.00 R.T:25.280 Area:520177 Conc:49.31674ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	139.00	47329	21.45	9.49
2	277.00	33753	15.30	15.01
3	280.00	50249	22.77	22.54



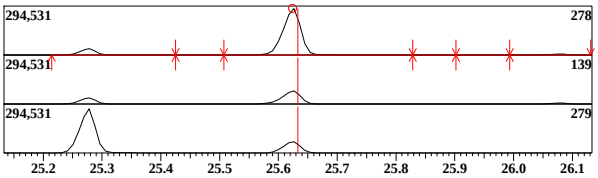
ID#:113 R.Time:25.278(Scan#:4517)
MassPeaks:124
RawMode:Averaged 25.269-25.288(4515-4519)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



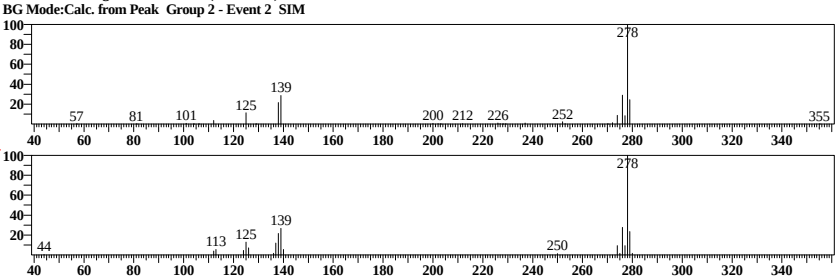
ID#:114 Name:Dibenzo[a,h]anthracene Type:Target No Manual Integration

Mass:278.00 R.T:25.625 Area:605950 Conc:46.59282ppm
Event:2:SIM SI:93

#	m/z	Area	Ratio	Reference
1	139.00	68610	28.76	7.75
2	279.00	58163	24.38	25.58



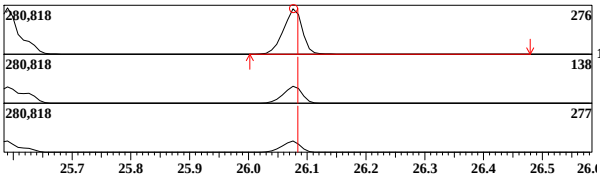
ID#:114 R.Time:25.627(Scan#:4594)
MassPeaks:29
RawMode:Averaged 25.618-25.636(4592-4596)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



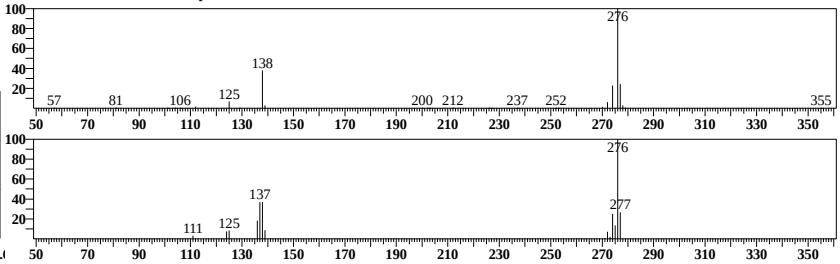
ID#:115 Name:Benzo[g,h,i]perylene Type:Target No Manual Integration

Mass:276.00 R.T:26.077 Area:591017 Conc:46.52107ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	138.00	86629	37.75	25.00
2	277.00	55097	24.01	21.09



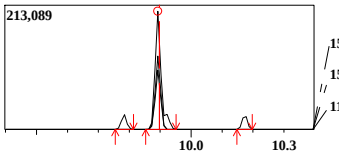
ID#:115 R.Time:26.076(Scan#:4692)
MassPeaks:27
RawMode:Averaged 26.067-26.085(4690-4694)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



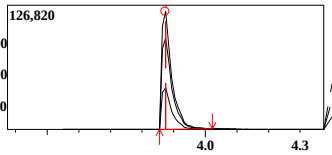
Before Manual Integrations

Analyst: CMN **Instr: J7H** **Trace Number: SVOC-BO45-F14-Y**
Method: 8270C/D/E/625.1 **Batch:**
Sample ID: A CCV6 **Data File: C:\GCMSsolution\Data\221214H004.qgd**
Date: 12/14/2022 **Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm**
Time: 09:54:27 **Sample Name: A CCV6**
Dilution: 1

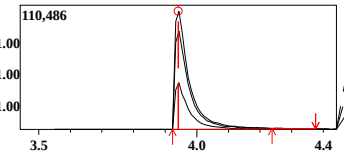
ID#:1 **Name:1,4-Dichlorobenzene-d4 (IS)**
Mass:150.00 **Type:ISTD**
R.T:9.892 **Area:281234** **Conc:40.00000ppm**



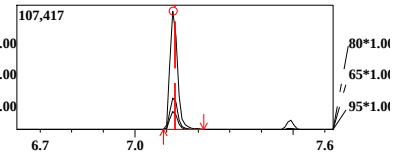
ID#:2 **Name:N-Nitrosodimethylamine**
Mass:74.00 **Type:Target**
R.T:3.872 **Area:267258** **Conc:49.00888ppm**



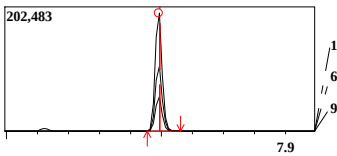
ID#:3 **Name:Pyridine**
Mass:79.00 **Type:Target**
R.T:3.942 **Area:343202** **Conc:45.58133ppm**



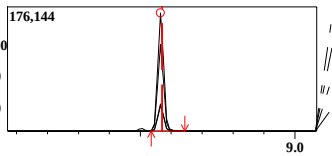
ID#:4 **Name:Methyl methanesulfonate**
Mass:80.00 **Type:Target**
R.T:7.121 **Area:170522** **Conc:45.47200ppm**



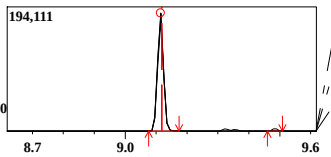
ID#:5 **Name:2-Fluorophenol**
Mass:112.00 **Type:Surrogate/SMC**
R.T:7.491 **Area:305519** **Conc:45.78017ppm**



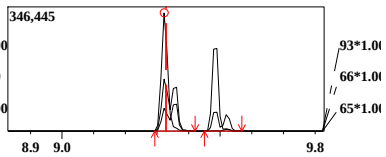
ID#:6 **Name:Ethyl methanesulfonate**
Mass:79.00 **Type:Target**
R.T:8.565 **Area:228740** **Conc:45.15710ppm**



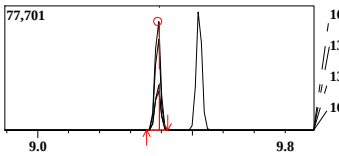
ID#:7 **Name:Benzaldehyde**
Mass:106.00 **Type:Target**
R.T:9.114 **Area:250801** **Conc:44.66491ppm**



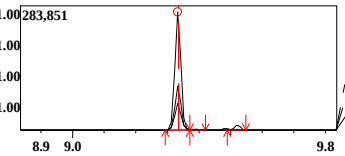
ID#:8 **Name:Aniline**
Mass:93.00 **Type:Target**
R.T:9.323 **Area:468732** **Conc:44.26929ppm**



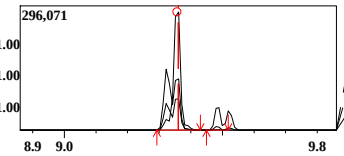
ID#:9 **Name:Pentachloroethane**
Mass:167.00 **Type:Target**
R.T:9.388 **Area:90898** **Conc:43.92323ppm**



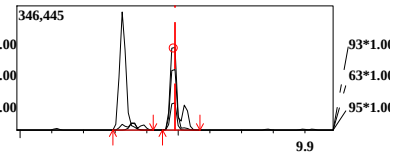
ID#:10 **Name:Phenol-d6**
Mass:99.00 **Type:Surrogate/SMC**
R.T:9.333 **Area:367763** **Conc:45.97440ppm**



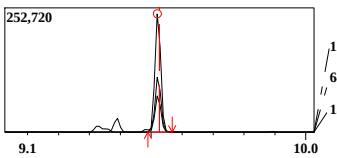
ID#:11 **Name:Phenol**
Mass:94.00 **Type:Target**
R.T:9.357 **Area:460094** **Conc:46.33700ppm**



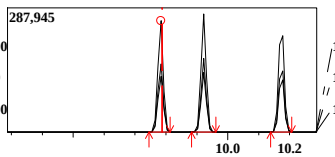
ID#:12 **Name:bis(2-Chloroethyl)Ether**
Mass:93.00 **Type:Target**
R.T:9.484 **Area:338350** **Conc:45.63280ppm**



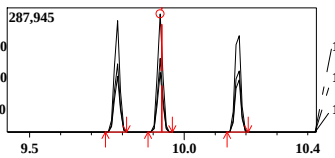
ID#:13 **Name:2-Chlorophenol**
Mass:128.00 **Type:Target**
R.T:9.521 **Area:324510** **Conc:46.14200ppm**



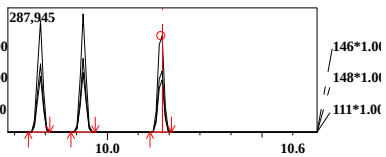
ID#:14 **Name:1,3-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.783 **Area:321316** **Conc:44.63546ppm**



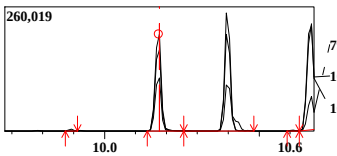
ID#:15 **Name:1,4-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.922 **Area:330531** **Conc:44.89550ppm**



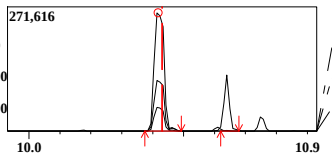
ID#:16 **Name:1,2-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:10.174 **Area:318764** **Conc:44.94910ppm**



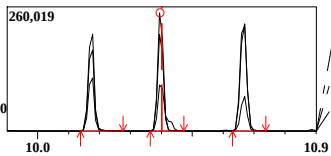
ID#:17 **Name:Benzyl Alcohol**
Mass:79.00 **Type:Target**
R.T:10.174 **Area:286791** **Conc:46.41150ppm**



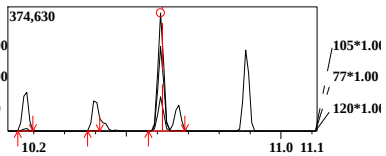
ID#:18 **Name:bis(2-Chloroisopropyl) Ether**
Mass:45.00 **Type:Target**
R.T:10.418 **Area:574888** **Conc:44.78267ppm**



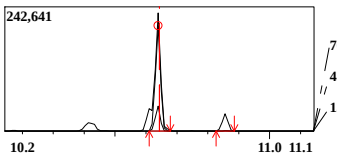
ID#:19 **Name:2-Methylphenol (o-Cresol)**
Mass:108.00 **Type:Target**
R.T:10.397 **Area:323411** **Conc:46.14485ppm**



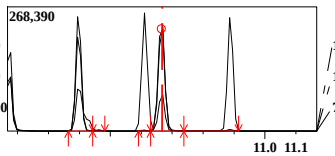
ID#:20 **Name:Acetophenone**
Mass:105.00 **Type:Target**
R.T:10.611 **Area:470540** **Conc:45.65232ppm**



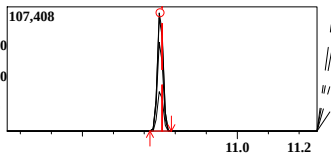
ID#:21 **Name:N-Nitrosodi-n-propylamine**
Mass:70.00 **Type:Target**
R.T:10.639 **Area:241304** **Conc:45.54197ppm**



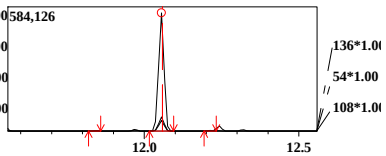
ID#:22 **Name:3+4-Methylphenol(m&p-Cresol)**
Mass:107.00 **Type:Target**
R.T:10.665 **Area:350860** **Conc:46.65685ppm**



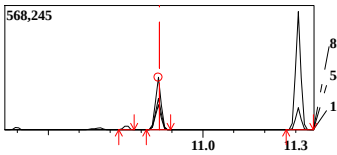
ID#:23 **Name:Hexachloroethane**
Mass:117.00 **Type:Target**
R.T:10.751 **Area:138444** **Conc:44.59575ppm**



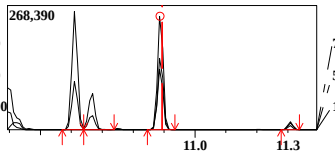
ID#:24 **Name:Naphthalene-d8 (IS)**
Mass:136.00 **Type:ISTD**
R.T:12.055 **Area:693620** **Conc:40.00000ppm**



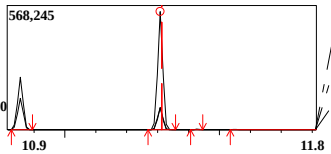
ID#:25 **Name:Nitrobenzene-d5**
Mass:82.00 **Type:Surrogate/SMC**
R.T:10.856 **Area:304721** **Conc:47.20551ppm**



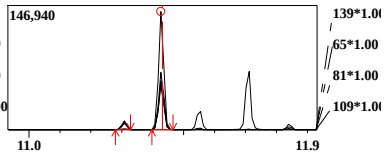
ID#:26 **Name:Nitrobenzene**
Mass:77.00 **Type:Target**
R.T:10.887 **Area:318299** **Conc:46.89918ppm**



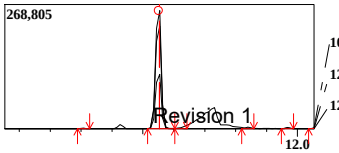
ID#:27 **Name:Isophorone**
Mass:82.00 **Type:Target**
R.T:11.308 **Area:641689** **Conc:48.00627ppm**



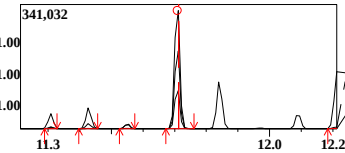
ID#:28 **Name:2-Nitrophenol**
Mass:139.00 **Type:Target**
R.T:11.427 **Area:166164** **Conc:49.94546ppm**



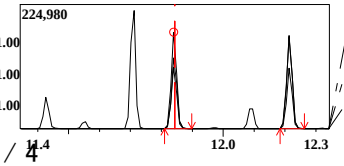
ID#:29 **Name:2,4-Dimethylphenol**
Mass:107.00 **Type:Target**
R.T:11.551 **Area:341266** **Conc:46.99399ppm**



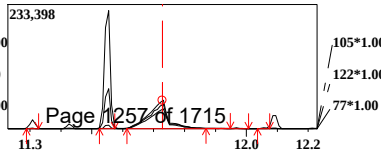
ID#:30 **Name:Bis(2-Chloroethoxy)methane**
Mass:93.00 **Type:Target**
R.T:11.709 **Area:400631** **Conc:47.23389ppm**



ID#:31 **Name:2,4-Dichlorophenol**
Mass:162.00 **Type:Target**
R.T:11.840 **Area:218424** **Conc:48.08273ppm**

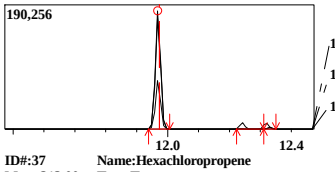


ID#:32 **Name:Benzoic Acid**
Mass:105.00 **Type:Target**
R.T:11.728 **Area:243226** **Conc:52.68990ppm**



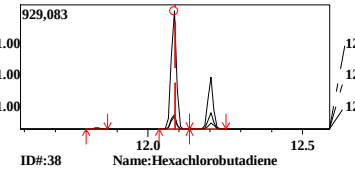
ID#:33 Name:1,2,4-Trichlorobenzene
Mass:180.00 Type:Target

R.T:11.968 Area:220938 Conc:45.94832ppm



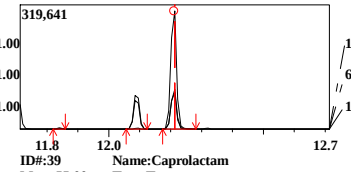
ID#:34 Name:Naphthalene
Mass:128.00 Type:Target

R.T:12.084 Area:1072749 Conc:45.19244ppm



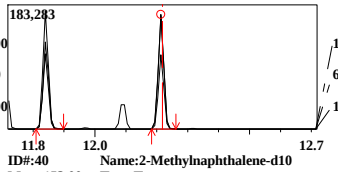
ID#:35 Name:4-Chloroaniline
Mass:127.00 Type:Target

R.T:12.210 Area:402419 Conc:48.25253ppm



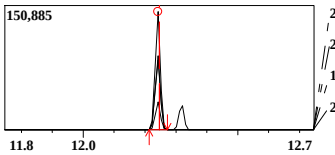
ID#:36 Name:2,6-Dichlorophenol
Mass:162.00 Type:Target

R.T:12.214 Area:212317 Conc:47.52623ppm



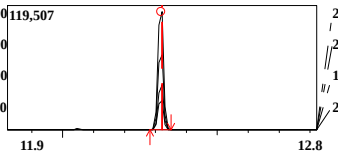
ID#:37 Name:Hexachloropropene
Mass:213.00 Type:Target

R.T:12.242 Area:168053 Conc:47.74390ppm



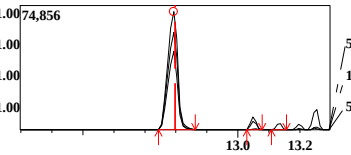
ID#:38 Name:Hexachlorobutadiene
Mass:225.00 Type:Target

R.T:12.317 Area:151134 Conc:45.77204ppm



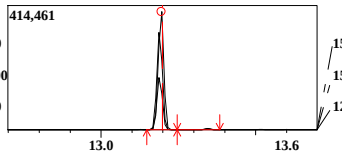
ID#:39 Name:Caprolactam
Mass:55.00 Type:Target

R.T:12.792 Area:160705 Conc:51.29376ppm



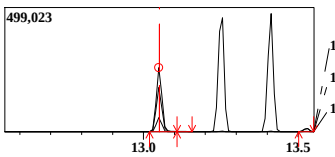
ID#:40 Name:2-Methylnaphthalene-d10
Mass:152.00 Type:Target

R.T:13.194 Area:500953 Conc:45.42884ppm



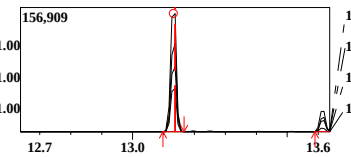
ID#:41 Name:4-Chloro-3-methylphenol
Mass:107.00 Type:Target

R.T:13.050 Area:329852 Conc:49.76975ppm



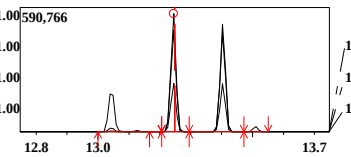
ID#:42 Name:Safrole
Mass:162.00 Type:Target

R.T:13.133 Area:207974 Conc:46.89687ppm



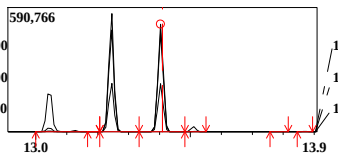
ID#:43 Name:2-Methylnaphthalene
Mass:142.00 Type:Target

R.T:13.244 Area:672426 Conc:44.45353ppm



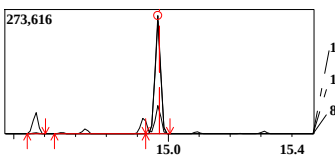
ID#:44 Name:1-Methylnaphthalene
Mass:142.00 Type:Target

R.T:13.404 Area:633970 Conc:44.18550ppm



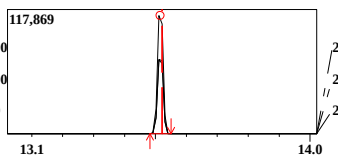
ID#:45 Name:Acenaphthene-d10 (IS)
Mass:164.00 Type:ISTD

R.T:14.966 Area:328901 Conc:40.00000ppm



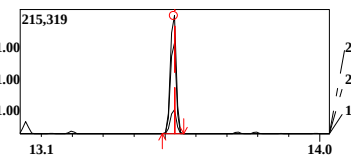
ID#:46 Name:Hexachlorocyclopentadiene
Mass:237.00 Type:Target

R.T:13.515 Area:153168 Conc:42.41813ppm



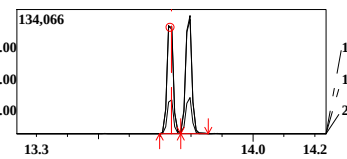
ID#:47 Name:1,2,4,5-Tetrachlorobenzene
Mass:216.00 Type:Target

R.T:13.527 Area:276493 Conc:47.21184ppm



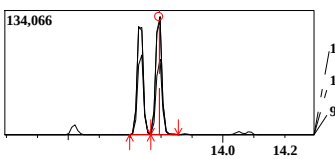
ID#:48 Name:2,4,6-Trichlorophenol
Mass:196.00 Type:Target

R.T:13.732 Area:168669 Conc:48.70476ppm



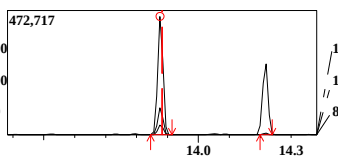
ID#:49 Name:2,4,5-Trichlorophenol
Mass:196.00 Type:Target

R.T:13.793 Area:180901 Conc:47.93419ppm



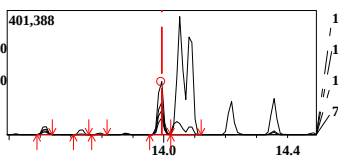
ID#:50 Name:2-Fluorobiphenyl
Mass:172.00 Type:Surrogate/SMC

R.T:13.876 Area:547100 Conc:45.87415ppm



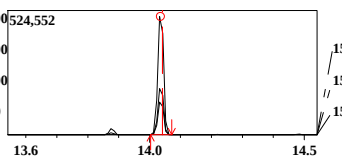
ID#:51 Name:Isosafrole
Mass:162.00 Type:Target

R.T:13.990 Area:220875 Conc:47.17513ppm



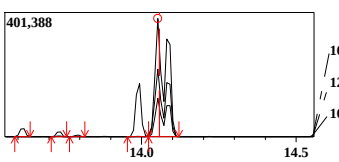
ID#:52 Name:1,1'-Biphenyl
Mass:154.00 Type:Target

R.T:14.036 Area:675324 Conc:45.50861ppm



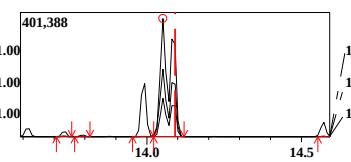
ID#:53 Name:2-Chloronaphthalene
Mass:162.00 Type:Target

R.T:14.052 Area:937749 Conc:81.45630ppm



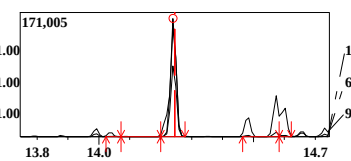
ID#:54 Name:1-Chloronaphthalene
Mass:162.00 Type:Target

R.T:14.052 Area:937749 Conc:104.06339ppm



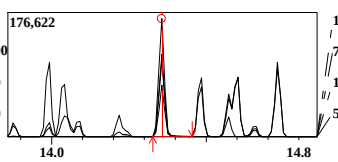
ID#:55 Name:2-Nitroaniline
Mass:138.00 Type:Target

R.T:14.240 Area:208616 Conc:50.34238ppm



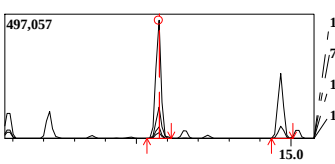
ID#:56 Name:1,4-Naphthoquinone
Mass:158.00 Type:Target

R.T:14.356 Area:216615 Conc:47.29771ppm



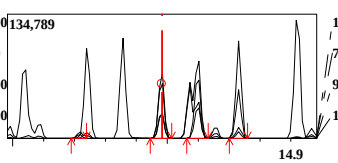
ID#:57 Name:Dimethyl phthalate
Mass:163.00 Type:Target

R.T:14.572 Area:563817 Conc:47.02832ppm



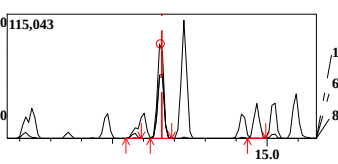
ID#:58 Name:1,3-Dinitrobenzene
Mass:168.00 Type:Target

R.T:14.481 Area:82724 Conc:45.82007ppm



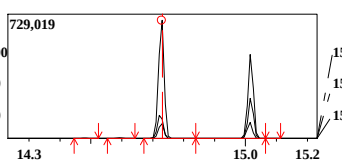
ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT)
Mass:165.00 Type:Target

R.T:14.656 Area:124821 Conc:48.55767ppm



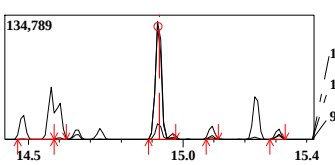
ID#:60 Name:Acenaphthylene
Mass:152.00 Type:Target

R.T:14.728 Area:890003 Conc:44.24906ppm



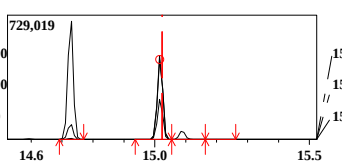
ID#:61 Name:3-Nitroaniline
Mass:138.00 Type:Target

R.T:14.919 Area:171693 Conc:49.77871ppm



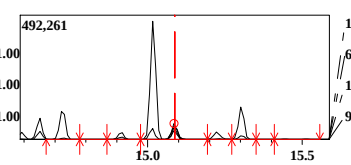
ID#:62 Name:Acenaphthene
Mass:154.00 Type:Target

R.T:15.017 Area:589496 Conc:44.16654ppm



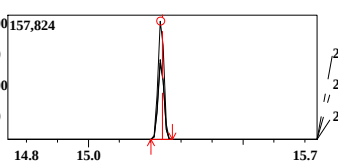
ID#:63 Name:2,4-Dinitrophenol
Mass:184.00 Type:Target

R.T:15.085 Area:82487 Conc:53.04420ppm



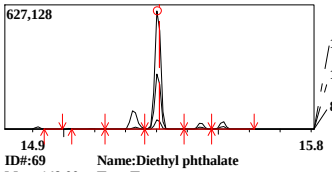
ID#:64 Name:Pentachlorobenzene
Mass:250.00 Type:Target

R.T:15.234 Area:207400 Conc:45.81544ppm



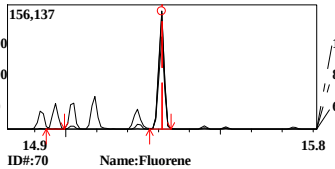
ID#:65 Name:Dibenzofuran
Mass:168.00 Type:Target

R.T:15.304 Area:819659 Conc:45.55199ppm



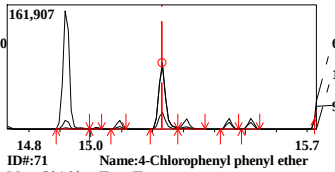
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT)
Mass:165.00 Type:Target

R.T:15.310 Area:183541 Conc:49.49035ppm



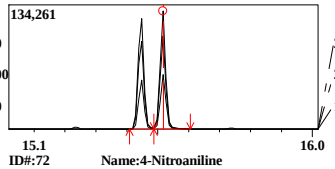
ID#:67 Name:4-Nitrophenol
Mass:65.00 Type:Target

R.T:15.231 Area:132794 Conc:48.97819ppm



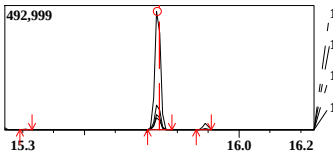
ID#:68 Name:2,3,4,6-Tetrachlorophenol
Mass:232.00 Type:Target

R.T:15.517 Area:161662 Conc:50.65956ppm



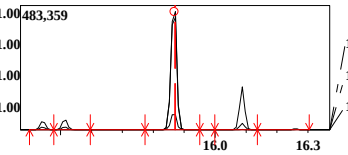
ID#:69 Name:Diethyl phthalate
Mass:149.00 Type:Target

R.T:15.736 Area:624106 Conc:47.79077ppm



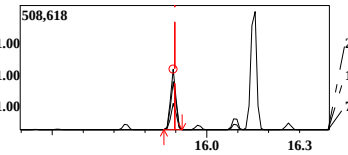
ID#:70 Name:Fluorene
Mass:166.00 Type:Target

R.T:15.867 Area:651037 Conc:44.85685ppm



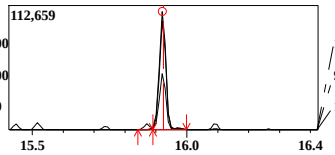
ID#:71 Name:4-Chlorophenyl phenyl ether
Mass:204.00 Type:Target

R.T:15.891 Area:299562 Conc:46.36372ppm



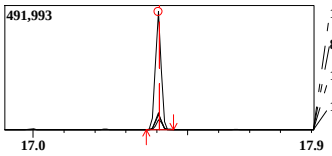
ID#:72 Name:4-Nitroaniline
Mass:138.00 Type:Target

R.T:15.922 Area:161884 Conc:50.42497ppm



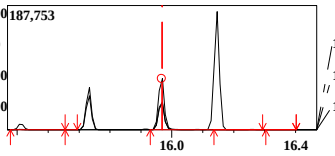
ID#:73 Name:Phenanthrene-d10 (IS)
Mass:188.00 Type:ISTD

R.T:17.405 Area:615376 Conc:40.00000ppm



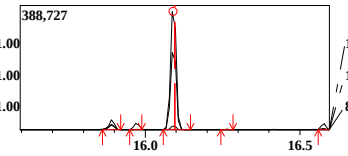
ID#:74 Name:4,6-Dinitro-2-methylphenol
Mass:198.00 Type:Target

R.T:15.967 Area:106930 Conc:52.12948ppm



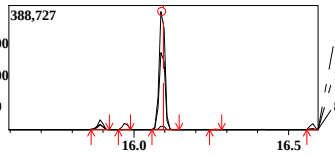
ID#:75 Name:N-Nitrosodiphenylamine
Mass:169.00 Type:Target

R.T:16.091 Area:497567 Conc:46.73626ppm



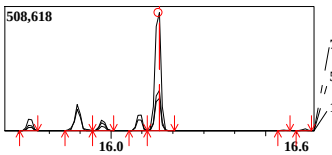
ID#:76 Name:Diphenylamine
Mass:169.00 Type:Target

R.T:16.091 Area:497567 Conc:46.73626ppm



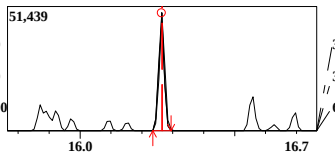
ID#:77 Name:1,2-Diphenylhydrazine
Mass:77.00 Type:Target

R.T:16.153 Area:663438 Conc:46.54205ppm



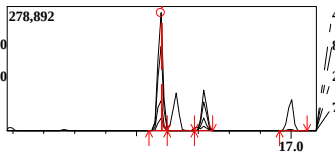
ID#:78 Name:2,4,6-Tribromophenol
Mass:330.00 Type:Surrogate/SMC

R.T:16.263 Area:61287 Conc:44.03103ppm



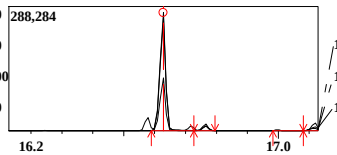
ID#:79 Name:(cis/trans)-Diallate
Mass:43.00 Type:Target

R.T:16.578 Area:310276 Conc:46.13355ppm



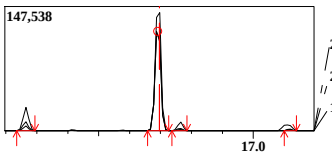
ID#:80 Name:Phenacetin
Mass:108.00 Type:Target

R.T:16.627 Area:357296 Conc:51.13300ppm



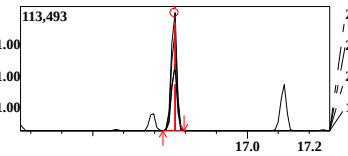
ID#:81 Name:4-Bromophenyl phenyl ether
Mass:250.00 Type:Target

R.T:16.691 Area:162923 Conc:46.10917ppm



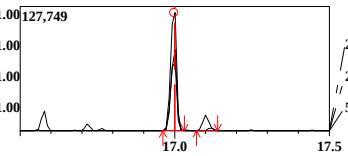
ID#:82 Name:Hexachlorobenzene
Mass:284.00 Type:Target

R.T:16.764 Area:141865 Conc:44.04729ppm



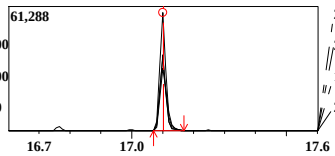
ID#:83 Name:Atrazine
Mass:200.00 Type:Target

R.T:16.998 Area:169639 Conc:47.64477ppm



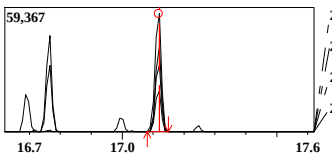
ID#:84 Name:Pentachlorophenol
Mass:266.00 Type:Target

R.T:17.100 Area:80522 Conc:45.34800ppm



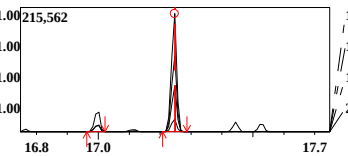
ID#:85 Name:Pentachloronitrobenzene
Mass:237.00 Type:Target

R.T:17.117 Area:82390 Conc:48.99624ppm



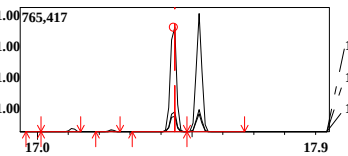
ID#:86 Name:Pronamide (Kerb)
Mass:173.00 Type:Target

R.T:17.246 Area:246387 Conc:47.31538ppm



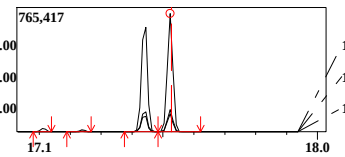
ID#:87 Name:Phenanthrene
Mass:178.00 Type:Target

R.T:17.441 Area:915303 Conc:44.72874ppm



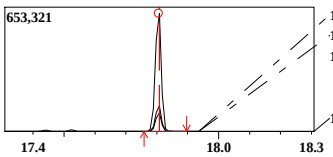
ID#:88 Name:Anthracene
Mass:178.00 Type:Target

R.T:17.523 Area:926174 Conc:43.44464ppm



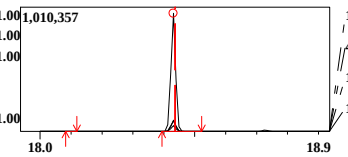
ID#:89 Name:Carbazole
Mass:167.00 Type:Target

R.T:17.806 Area:852687 Conc:44.94001ppm



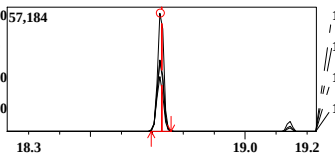
ID#:90 Name:Di-n-butyl phthalate
Mass:149.00 Type:Target

R.T:18.430 Area:1071252 Conc:47.87489ppm



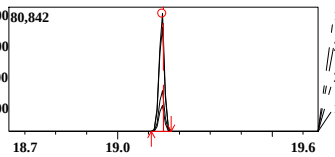
ID#:91 Name:4-Nitroquinoline-N-Oxide
Mass:190.00 Type:Target

R.T:18.727 Area:76153 Conc:48.51310ppm



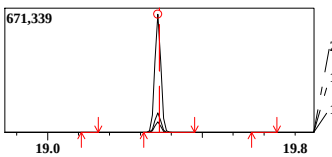
ID#:92 Name:Isodrin
Mass:193.00 Type:Target

R.T:19.144 Area:96517 Conc:47.66115ppm



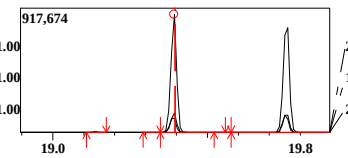
ID#:93 Name:Fluoranthene-d10
Mass:212.00 Type:Target

R.T:19.357 Area:884332 Conc:46.33719ppm



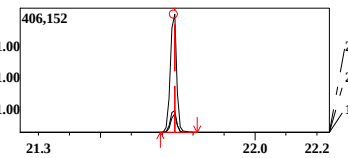
ID#:94 Name:Fluoranthene
Mass:202.00 Type:Target

R.T:19.392 Area:1115337 Conc:44.39347ppm



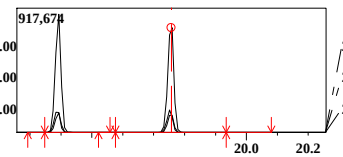
ID#:95 Name:Chrysene-d12 (IS)
Mass:240.00 Type:ISTD

R.T:21.737 Area:558424 Conc:40.00000ppm



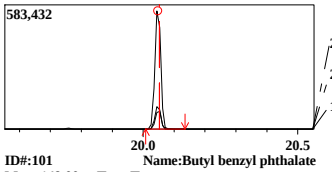
ID#:96 Name:Pyrene
Mass:202.00 Type:Target

R.T:19.756 Area:1133598 Conc:43.21919ppm



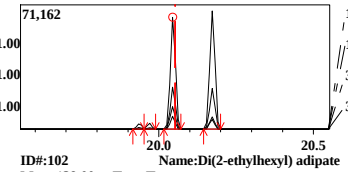
ID#:97 Name:p-Terphenyl-d14
Mass:244.00 Type:Surrogate/SMC

R.T:20.047 Area:749031 Conc:45.06886ppm



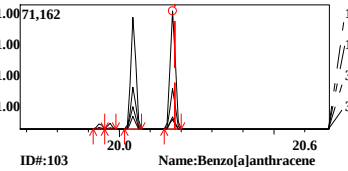
ID#:98 Name:Aramite A
Mass:185.00 Type:Target

R.T:20.045 Area:74991 Conc:21.96838ppm



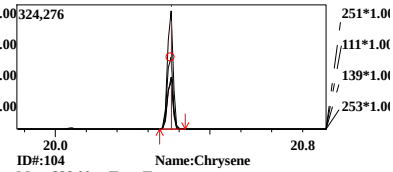
ID#:99 Name:Aramite B
Mass:185.00 Type:Target

R.T:20.173 Area:80506 Conc:24.14372ppm



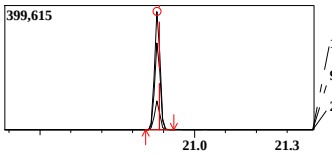
ID#:100 Name:Chlorobenzilate
Mass:251.00 Type:Target

R.T:20.371 Area:246654 Conc:48.02609ppm



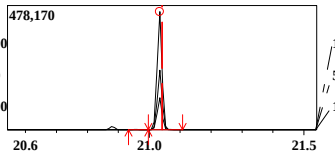
ID#:101 Name:Butyl benzyl phthalate
Mass:149.00 Type:Target

R.T:20.879 Area:469818 Conc:47.24863ppm



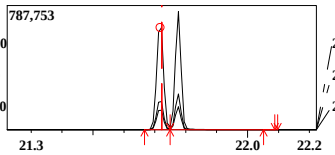
ID#:102 Name:Di(2-ethylhexyl) adipate
Mass:129.00 Type:Target

R.T:21.033 Area:499180 Conc:46.62191ppm



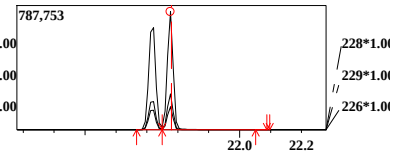
ID#:103 Name:Benzo[a]anthracene
Mass:228.00 Type:Target

R.T:21.717 Area:1051120 Conc:44.66623ppm



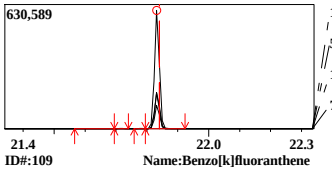
ID#:104 Name:Chrysene
Mass:228.00 Type:Target

R.T:21.776 Area:995820 Conc:42.20042ppm



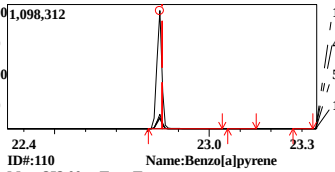
ID#:105 Name:Bis(2-Ethylhexyl) phthalate
Mass:149.00 Type:Target

R.T:21.832 Area:685093 Conc:46.95837ppm



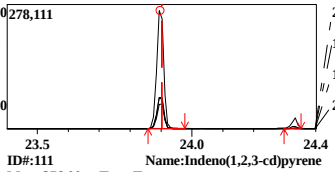
ID#:106 Name:Di-n-octyl phthalate
Mass:149.00 Type:Target

R.T:22.839 Area:1175933 Conc:48.27413ppm



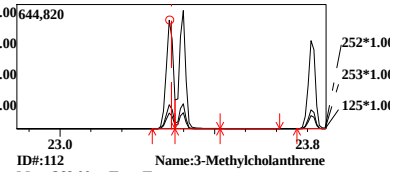
ID#:107 Name:Perylene-d12 (IS)
Mass:264.00 Type:ISTD

R.T:23.897 Area:415895 Conc:40.00000ppm



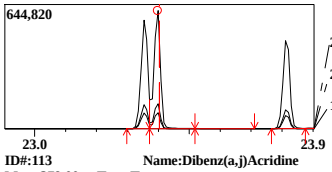
ID#:108 Name:Benzo[b]fluoranthene
Mass:252.00 Type:Target

R.T:23.355 Area:879790 Conc:42.72255ppm



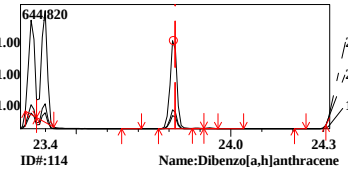
ID#:109 Name:Benzo[k]fluoranthene
Mass:252.00 Type:Target

R.T:23.397 Area:859945 Conc:43.81899ppm



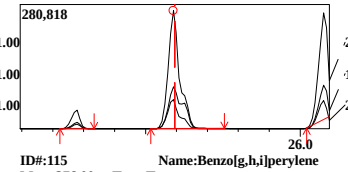
ID#:110 Name:Benzo[a]pyrene
Mass:252.00 Type:Target

R.T:23.814 Area:733639 Conc:45.57370ppm



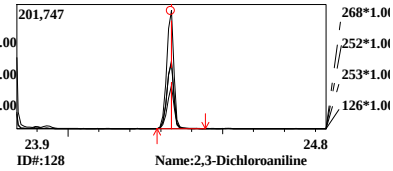
ID#:111 Name:Indeno(1,2,3-cd)pyrene
Mass:276.00 Type:Target

R.T:25.590 Area:692750 Conc:54.64385ppm



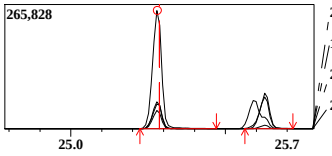
ID#:112 Name:3-Methylcholanthrene
Mass:268.00 Type:Target

R.T:24.331 Area:308076 Conc:42.81267ppm



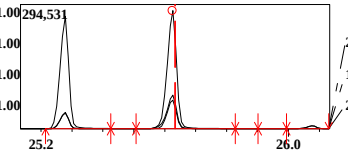
ID#:113 Name:Dibenz(a,j)Acridine
Mass:279.00 Type:Target

R.T:25.280 Area:520177 Conc:49.31674ppm



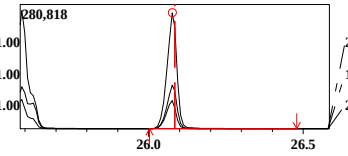
ID#:114 Name:Dibenzo[a,h]anthracene
Mass:278.00 Type:Target

R.T:25.625 Area:605950 Conc:46.59282ppm



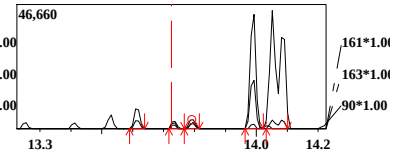
ID#:115 Name:Benzo[g,h,i]perylene
Mass:276.00 Type:Target

R.T:26.077 Area:591017 Conc:46.52107ppm



ID#:128 Name:2,3-Dichloroaniline
Mass:161.00 Type:Target

R.T:13.792 Area:5281 Conc:0.94239ppm



Advanced Environmental Laboratories, Inc.

Continuing Calibration Verification Summary Report

FORM 7

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Calibration Date/Time: 12/14/2022 20:08

Lab File ID: 221214H019.qgd

Instrument ID: J7H

Lab Sample ID: A ENDCCV6

Parameter	Spike Added	CCV Result	CCV %D	QC Limits Q	QC Limits % D
1-Methylnaphthalene*	50.0	44.8	10		50
2-Methylnaphthalene*	50.0	44.1	12		50
Benzo[a]anthracene*	50.0	45.6	8.7		50
Bis(2-Ethylhexyl) phthalate	50.0	47.8	4.4		50
Dibenzo[a,h]anthracene*	50.0	47.3	5.3		50
Naphthalene*	50.0	44.9	10		50
2,4,6-Tribromophenol	50.0	44.0	12		50
2-Fluorobiphenyl	50.0	46.0	7.9		50
2-Fluorophenol	50.0	48.0	4.1		50
2-Methylnapthalene-d10	50.0	46.4	7.2		50
Fluoranthene-d10	50.0	47.5	5.0		50
Nitrobenzene-d5	50.0	47.2	5.6		50
Phenol-d6	50.0	46.9	6.1		50
p-Terphenyl-d14	50.0	45.3	9.5		50

Analyst: CMN Instrument: J7H Trace Number: SVOC-BO45-F14-Y
Method: 8270C/D/E/625.1 Batch:
Sample ID: A ENDCCV6 Data File: C:\GCMSsolution\Data\221214H019.qgd
Date: 12/14/2022 Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm
Time: 20:08:12 Sample Name: A ENDCCV6
Dilution: 1

Internal Standard

ID#	Name	Mass	Time	Area	Conc.
1	1,4-Dichlorobenzene-d4 (IS)	150.00	9.90	149125	40.00
24	Naphthalene-d8 (IS)	136.00	12.06	375491	40.00
45	Acenaphthene-d10 (IS)	164.00	14.97	181722	40.00
73	Phenanthrene-d10 (IS)	188.00	17.41	332755	40.00
95	Chrysene-d12 (IS)	240.00	21.74	297711	40.00
107	Perylene-d12 (IS)	264.00	23.90	224378	40.00

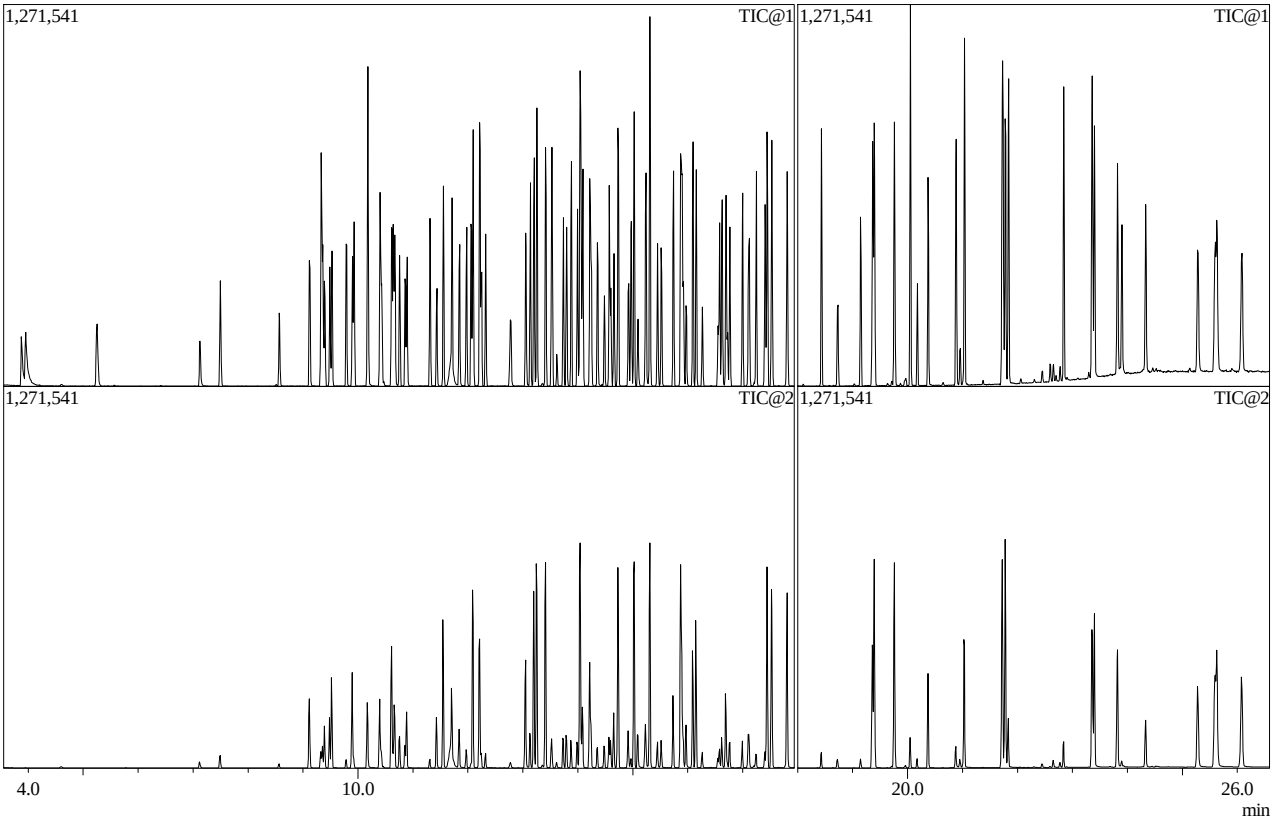
Surrogate

ID#	Name	Mass	Time	Area	Conc.
5	2-Fluorophenol	112.00	7.49	169700	47.96
10	Phenol-d6	99.00	9.34	199132	46.95
25	Nitrobenzene-d5	82.00	10.86	164885	47.18
50	2-Fluorobiphenyl	172.00	13.88	303344	46.04
78	2,4,6-Tribromophenol	330.00	16.27	33094	43.97
97	p-Terphenyl-d14	244.00	20.05	400947	45.25

Target

ID#	Name	Mass	Time	Area	Conc.
2	N-Nitrosodimethylamine	74.00	3.88	154479	53.42
3	Pyridine	79.00	3.95	185725	46.50
4	Methyl methanesulfonate	80.00	7.12	91854	46.19
6	Ethyl methanesulfonate	79.00	8.57	124887	46.50
7	Benzaldehyde	106.00	9.12	137207	46.08
8	Aniline	93.00	9.33	252291	44.94
9	Pentachloroethane	167.00	9.39	54472	49.64
11	Phenol	94.00	9.36	247015	46.92
12	bis(2-Chloroethyl)Ether	93.00	9.49	178430	45.38
13	2-Chlorophenol	128.00	9.53	171960	46.11
14	1,3-Dichlorobenzene	146.00	9.79	179447	47.01
15	1,4-Dichlorobenzene	146.00	9.93	179769	46.05
16	1,2-Dichlorobenzene	146.00	10.18	175924	46.78
17	Benzyl Alcohol	79.00	10.18	153062	46.71
18	bis(2-Chloroisopropyl) Ether	45.00	10.43	323285	47.49
19	2-Methylphenol (o-Cresol)	108.00	10.40	172825	46.50
20	Acetophenone	105.00	10.61	252297	46.16
21	N-Nitrosodi-n-propylamine	70.00	10.64	131668	46.86
22	3+4-Methylphenol(m&p-Cresol)	107.00	10.67	189884	47.62
23	Hexachloroethane	117.00	10.76	77233	46.92
26	Nitrobenzene	77.00	10.89	176608	48.07
27	Isophorone	82.00	11.31	342763	47.37
28	2-Nitrophenol	139.00	11.43	88890	49.36
29	2,4-Dimethylphenol	107.00	11.55	180583	45.94
30	Bis(2-Chloroethoxy)methane	93.00	11.71	214239	46.66
31	2,4-Dichlorophenol	162.00	11.85	119940	48.77
32	Benzoic Acid	105.00	11.70	123391	49.86
33	1,2,4-Trichlorobenzene	180.00	11.97	124291	47.75
34	Naphthalene	128.00	12.09	576449	44.86
35	4-Chloroaniline	127.00	12.21	211123	46.76
36	2,6-Dichlorophenol	162.00	12.22	115953	47.95
37	Hexachloropropene	213.00	12.25	95654	50.20
38	Hexachlorobutadiene	225.00	12.32	85920	48.07
39	Caprolactam	55.00	12.78	81899	48.29
40	2-Methylnaphthalene-d10	152.00	13.20	277056	46.41
41	4-Chloro-3-methylphenol	107.00	13.05	174404	48.61
42	Safrole	162.00	13.14	111480	46.44
43	2-Methylnaphthalene	142.00	13.25	361476	44.14
44	1-Methylnaphthalene	142.00	13.41	348269	44.84
46	Hexachlorocyclopentadiene	237.00	13.52	86540	43.29
47	1,2,4,5-Tetrachlorobenzene	216.00	13.53	150126	46.40
48	2,4,6-Trichlorophenol	196.00	13.74	92497	48.34
49	2,4,5-Trichlorophenol	196.00	13.80	96848	46.45
51	Isosafrole	162.00	13.99	119440	46.17
52	1,1'-Biphenyl	154.00	14.04	370545	45.19
53	2-Chloronaphthalene	162.00	14.06	279474	43.94
54	1-Chloronaphthalene	162.00	14.09	239706	48.14
55	2-Nitroaniline	138.00	14.24	111116	48.53
56	1,4-Naphthoquinone	158.00	14.36	117423	46.40
57	Dimethyl phthalate	163.00	14.57	305563	46.13
58	1,3-Dinitrobenzene	168.00	14.48	45520	45.65

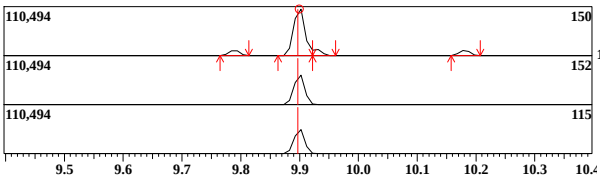
ID#	Name	Mass	Time	Area	Conc.
59	2,6-Dinitrotoluene (2,6-DNT)	165.00	14.66	67458	47.50
60	Acenaphthylene	152.00	14.73	485260	43.67
61	3-Nitroaniline	138.00	14.92	89497	46.96
62	Acenaphthene	154.00	15.02	318497	43.19
63	2,4-Dinitrophenol	184.00	15.09	43903	51.35
64	Pentachlorobenzene	250.00	15.24	115833	46.31
65	Dibenzofuran	168.00	15.31	446545	44.93
66	2,4-Dinitrotoluene (2,4-DNT)	165.00	15.31	100670	49.13
67	4-Nitrophenol	65.00	15.23	70008	46.97
68	2,3,4,6-Tetrachlorophenol	232.00	15.52	85947	48.75
69	Diethyl phthalate	149.00	15.74	343802	47.65
70	Fluorene	166.00	15.87	351756	43.87
71	4-Chlorophenyl phenyl ether	204.00	15.90	166887	46.75
72	4-Nitroaniline	138.00	15.92	86116	48.55
74	4,6-Dinitro-2-methylphenol	198.00	15.97	55806	49.51
75	N-Nitrosodiphenylamine	169.00	16.10	269531	46.82
76	Diphenylamine	169.00	16.10	269531	46.82
77	1,2-Diphenylhydrazine	77.00	16.16	354054	45.93
79	(cis/trans)-Diallate	43.00	16.58	177185	48.72
80	Phenacetin	108.00	16.63	187805	49.70
81	4-Bromophenyl phenyl ether	250.00	16.70	86221	45.13
82	Hexachlorobenzene	284.00	16.77	80063	45.97
83	Atrazine	200.00	17.00	92724	48.16
84	Pentachlorophenol	266.00	17.10	41755	43.72
85	Pentachloronitrobenzene	237.00	17.12	44581	49.03
86	Pronamide (Kerb)	173.00	17.25	134498	47.77
87	Phenanthrene	178.00	17.44	495240	44.76
88	Anthracene	178.00	17.53	507320	44.01
89	Carbazole	167.00	17.81	466857	45.50
90	Di-n-butyl phthalate	149.00	18.43	579170	47.87
91	4-Nitroquinoline-N-Oxide	190.00	18.73	33897	41.43
92	Isodrin	193.00	19.15	52770	48.19
93	Fluoranthene-d10	212.00	19.36	490197	47.50
94	Fluoranthene	202.00	19.39	605835	44.59
96	Pyrene	202.00	19.76	612823	43.82
98	Aramite A	185.00	20.05	40193	22.08
99	Aramite B	185.00	20.18	42747	24.05
100	Chlorobenzilate	251.00	20.37	132827	48.51
101	Butyl benzyl phthalate	149.00	20.88	248973	46.97
102	Di(2-ethylhexyl) adipate	129.00	21.04	269233	47.17
103	Benzo[a]anthracene	228.00	21.72	572921	45.64
104	Chrysene	228.00	21.78	540328	42.95
105	Bis(2-Ethylhexyl) phthalate	149.00	21.84	371830	47.81
106	Di-n-octyl phthalate	149.00	22.84	622518	47.94
108	Benzo[b]fluoranthene	252.00	23.36	503440	45.31
109	Benzo[k]fluoranthene	252.00	23.40	444793	42.01
110	Benzo[a]pyrene	252.00	23.82	406335	46.79
111	Indeno(1,2,3-cd)pyrene	276.00	25.59	324378	48.52
112	3-Methylcholanthrene	268.00	-	---	N.D.
113	Dibenz(a,j)Acridine	279.00	25.28	279792	49.17
114	Dibenzo[a,h]anthracene	278.00	25.63	332733	47.33
115	Benzo[g,h,i]perylene	276.00	26.08	326566	47.65
116	2-Picoline (2-Methylpyridine)	93.00	-	---	N.D.(Peak)
117	N-Nitrosomethylethylamine	88.00	-	---	N.D.(Peak)
118	N-Nitrosodiethylamine	102.00	-	---	N.D.(Peak)
119	n-Decane	57.00	-	---	N.D.(Ref)
120	N-Nitrosopyrrolidine	100.00	-	---	N.D.(Peak)
121	N-Nitrosomorpholine	56.00	-	---	N.D.(Ref)
122	o-Toluidine	106.00	-	---	N.D.(Ref)
123	N-Nitrosopiperidine	114.00	-	---	N.D.(Peak)
124	a,a-Dimethylphenethylamine	58.00	-	---	N.D.(Peak)
125	Alpha-Terpineol	59.00	-	---	N.D.(Ref)
126	p-Phenylenediamine	108.00	-	---	N.D.(Ref)
127	N-Nitrosodi-n-butylamine	84.00	-	---	N.D.(Ref)
128	2,3-Dichloroaniline	161.00	-	---	N.D.
129	1-Naphthylamine	143.00	-	---	N.D.(Ref)
130	2-Naphthylamine	143.00	-	---	N.D.(Ref)
131	5-Nitro-o-Toluidine	152.00	-	---	N.D.(Ref)
132	4-Aminobiphenyl	169.00	-	---	N.D.(Ref)
133	n-Octadecane	57.00	-	---	N.D.(Ref)
134	Benzidine	184.00	-	---	N.D.(Ref)
135	4-Dimethyl aminoazobenzene	120.00	-	---	N.D.(Ref)
136	3,3'-Dimethylbenzidine	212.00	-	---	N.D.(Ref)
137	2-Acetylaminofluorene	181.00	-	---	N.D.(Peak)
138	3,3`-Dichlorobenzidine	252.00	-	---	N.D.(Peak)
139	7,12-Dimethylbenz[a]anthracene	256.00	-	---	N.D.(Ref)


1,271,541
TIC@1
1,271,541
TIC@1
1,271,541
TIC@2
1,271,541
TIC@2
4.0
10.0
20.0
26.0
min

ID#:1 Name:1,4-Dichlorobenzene-d4 (IS) Type:ISTD Manual Integration Performed
Manual Reason: Split peak. CMN 12/15/2022

Mass:150.00 R.T:9.899 Area:149125 Conc:40.00000ppm
Event:1:Scan SI:98

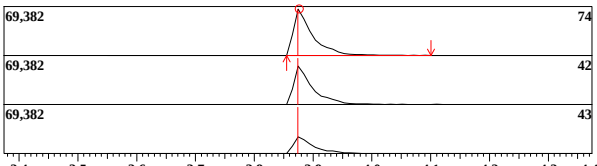
#	m/z	Area	Ratio	Reference
1	152.00	44472	67.19	65.66
2	115.00	36177	54.66	48.88



ID#:2 Name:N-Nitrosodimethylamine Type:Target No Manual Integration

Mass:74.00 R.T:3.877 Area:154479 Conc:53.42332ppm
Event:1:Scan SI:96

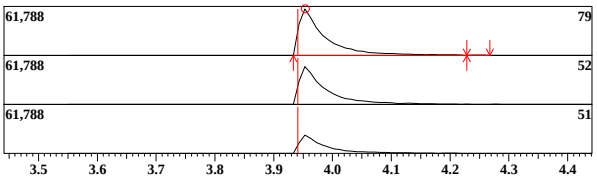
#	m/z	Area	Ratio	Reference
1	42.00	40057	81.47	72.10
2	43.00	17922	36.45	38.30



ID#:3 Name:Pyridine Type:Target No Manual Integration

Mass:79.00 R.T:3.954 Area:185725 Conc:46.50213ppm
Event:1:Scan SI:97

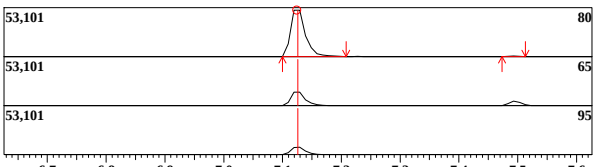
#	m/z	Area	Ratio	Reference
1	52.00	39029	79.86	80.35
2	51.00	18533	37.92	37.95



ID#:4 Name:Methyl methanesulfonate Type:Target No Manual Integration

Mass:80.00 R.T:7.124 Area:91854 Conc:46.19331ppm
Event:1:Scan SI:97

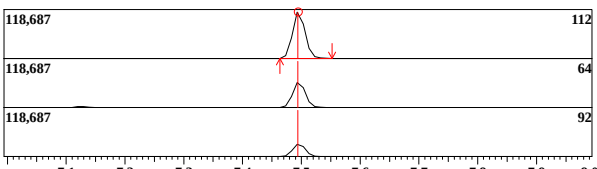
#	m/z	Area	Ratio	Reference
1	65.00	10953	28.50	35.13
2	95.00	6049	15.74	18.43



ID#:5 Name:2-Fluorophenol Type:Surrogate/SMC No Manual Integration

Mass:112.00 R.T:7.495 Area:169700 Conc:47.95550ppm
Event:1:Scan SI:85

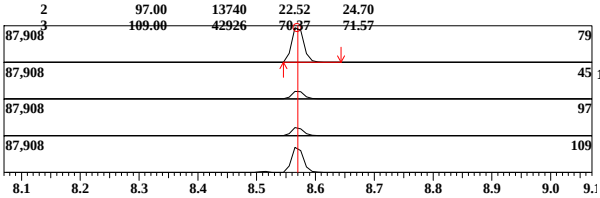
#	m/z	Area	Ratio	Reference
1	64.00	45711	55.40	72.76
2	92.00	22594	27.38	26.11



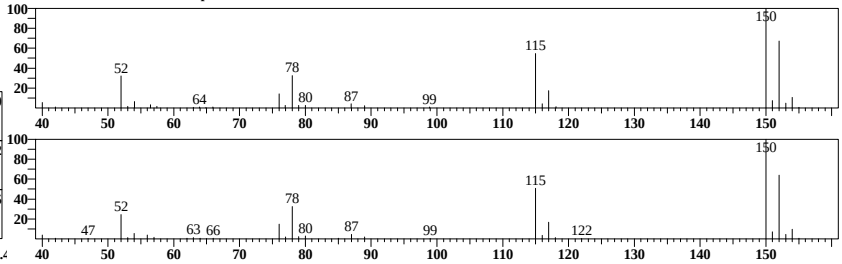
ID#:6 Name:Ethyl methanesulfonate Type:Target No Manual Integration

Mass:79.00 R.T:8.569 Area:124887 Conc:46.49632ppm
Event:1:Scan SI:97

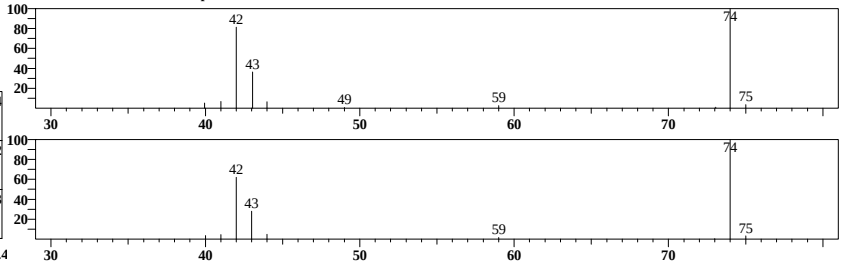
#	m/z	Area	Ratio	Reference
1	45.00	13251	21.72	17.15
2	97.00	13740	22.52	24.70
3	109.00	42926	70.37	71.57



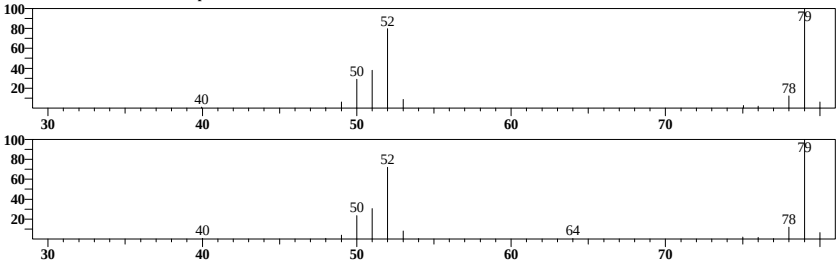
ID#:1 R.Time:9.902(Scan#:1293)
MassPeaks:29
RawMode:Averaged 9.893-9.912(1291-1295)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



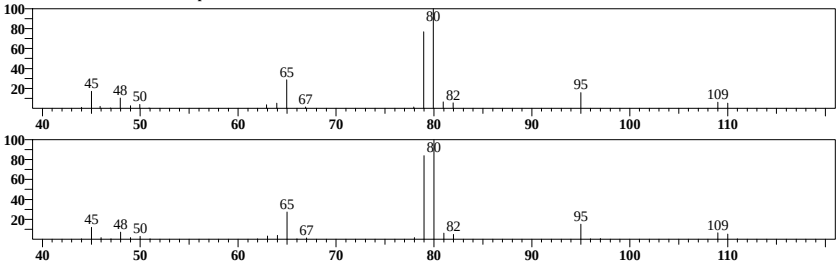
ID#:2 R.Time:3.874(Scan#:67)
MassPeaks:10
RawMode:Averaged 3.865-3.884(65-69)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



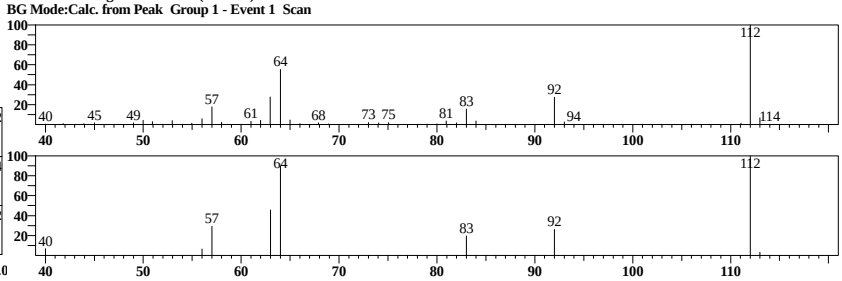
ID#:3 R.Time:3.953(Scan#:83)
MassPeaks:12
RawMode:Averaged 3.943-3.963(81-85)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



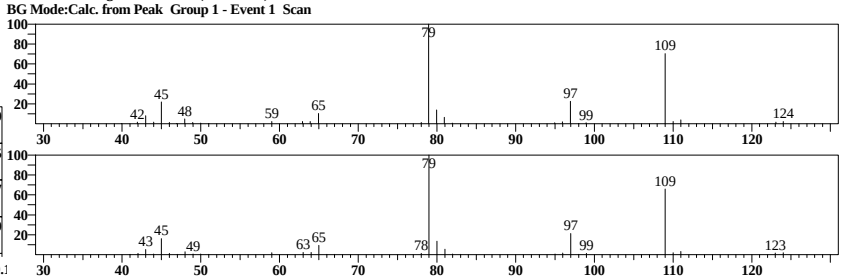
ID#:4 R.Time:7.120(Scan#:727)
MassPeaks:20
RawMode:Averaged 7.110-7.129(725-729)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:5 R.Time:7.493(Scan#:803)
MassPeaks:39
RawMode:Averaged 7.483-7.503(801-805)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



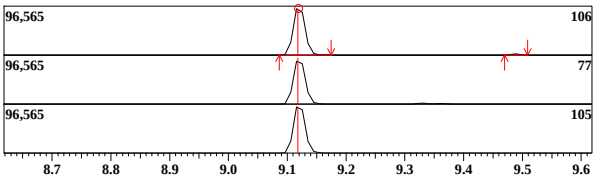
ID#:6 R.Time:8.565(Scan#:1021)
MassPeaks:30
RawMode:Averaged 8.555-8.575(1019-1023)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



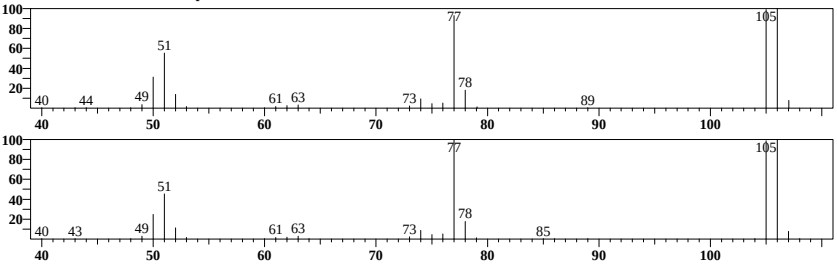
ID#:7 Name:Benzaldehyde Type:Target No Manual Integration

Mass:106.00 R.T:9.119 Area:137207 Conc:46.08195ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	77.00	62657	92.84	85.00
2	105.00	66930	99.17	96.78



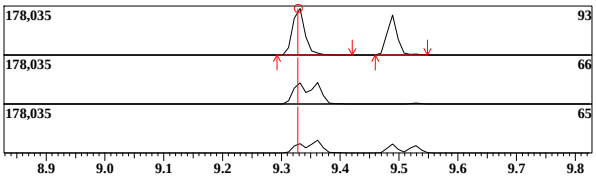
ID#:7 R.Time:9.116(Scan#:1133)
MassPeaks:24
RawMode:Averaged 9.106-9.126(1131-1135)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



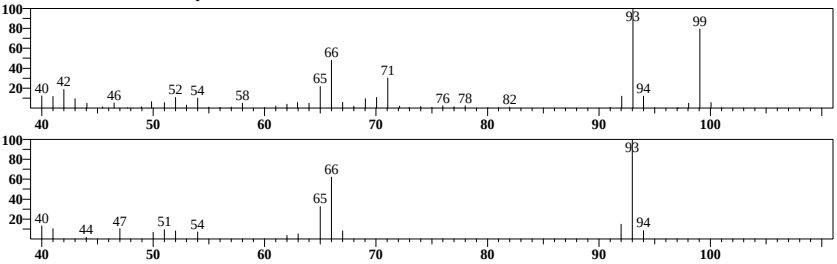
ID#:8 Name:Aniline Type:Target No Manual Integration

Mass:93.00 R.T:9.329 Area:252291 Conc:44.93627ppm
Event:1:Scan SI:68

#	m/z	Area	Ratio	Reference
1	66.00	59338	48.02	46.22
2	65.00	26440	21.40	22.48



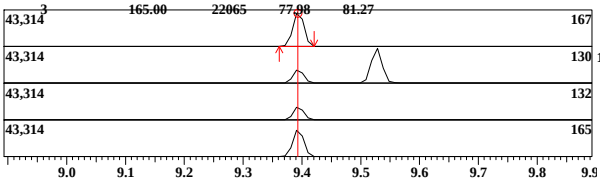
ID#:8 R.Time:9.332(Scan#:1177)
MassPeaks:50
RawMode:Averaged 9.322-9.342(1175-1179)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



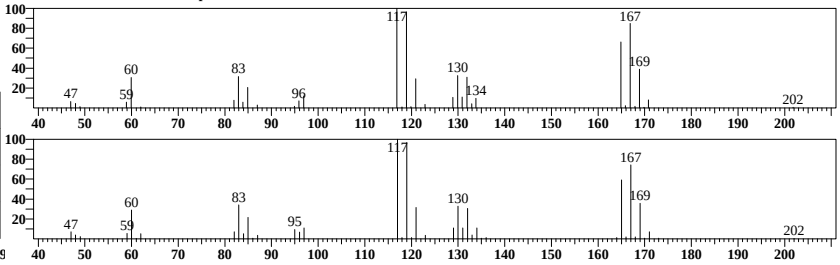
ID#:9 Name:Pentachloroethane Type:Target No Manual Integration

Mass:167.00 R.T:9.394 Area:54472 Conc:49.63987ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	130.00	10774	38.08	38.70
2	132.00	10260	36.26	34.68
3	165.00	22065	77.98	81.27



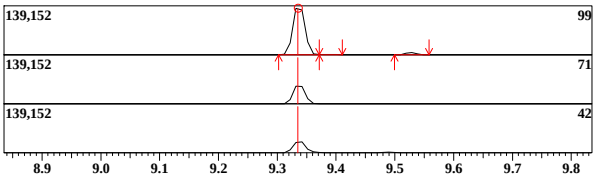
ID#:9 R.Time:9.391(Scan#:1189)
MassPeaks:34
RawMode:Averaged 9.381-9.401(1187-1191)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



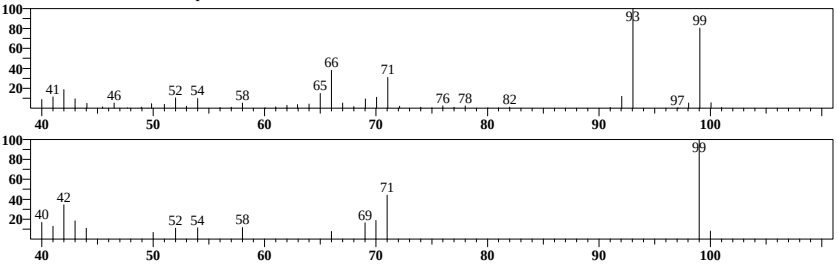
ID#:10 Name:Phenol-d6 Type:Surrogate/SMC No Manual Integration

Mass:99.00 R.T:9.336 Area:199132 Conc:46.94685ppm
Event:1:Scan SI:68

#	m/z	Area	Ratio	Reference
1	71.00	37398	38.26	35.02
2	42.00	22611	23.13	16.82



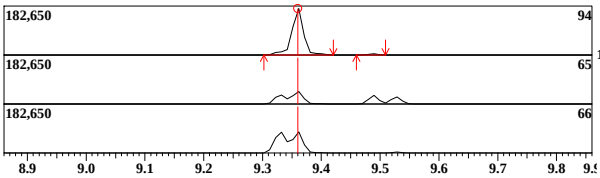
ID#:10 R.Time:9.332(Scan#:1177)
MassPeaks:46
RawMode:Averaged 9.322-9.342(1175-1179)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



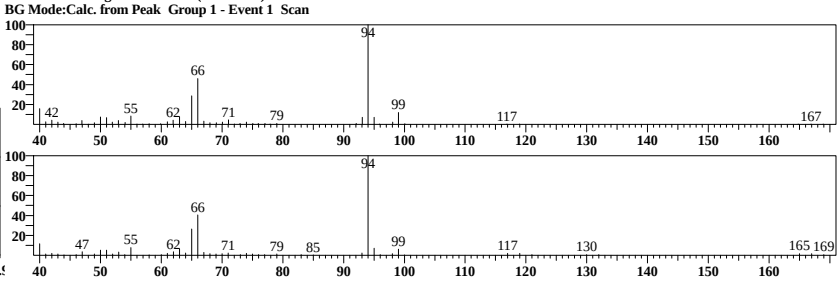
ID#:11 Name:Phenol Type:Target No Manual Integration

Mass:94.00 R.T:9.360 Area:247015 Conc:46.91612ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	65.00	33041	28.49	31.65
2	66.00	53151	45.83	40.72



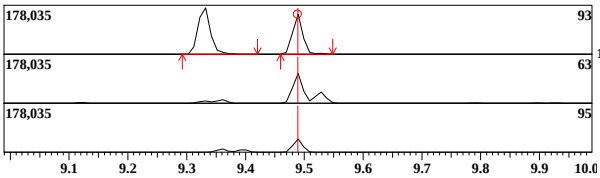
ID#:11 R.Time:9.362(Scan#:1183)
MassPeaks:51
RawMode:Averaged 9.352-9.371(1181-1185)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



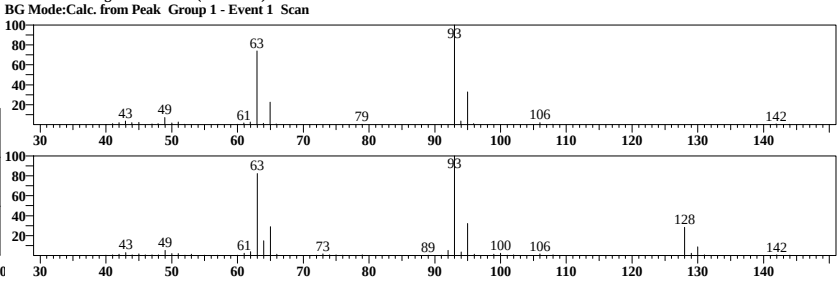
ID#:12 Name:bis(2-Chloroethyl)Ether Type:Target No Manual Integration

Mass:93.00 R.T:9.488 Area:178430 Conc:45.38331ppm
Event:1:Scan SI:87

#	m/z	Area	Ratio	Reference
1	63.00	68777	73.81	95.54
2	95.00	30561	32.80	33.05



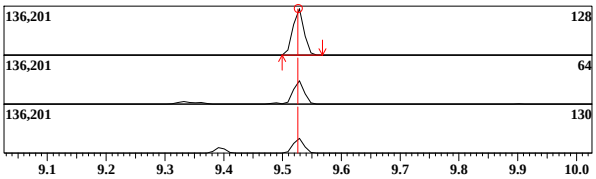
ID#:12 R.Time:9.489(Scan#:1209)
MassPeaks:29
RawMode:Averaged 9.479-9.499(1207-1211)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:13 Name:2-Chlorophenol Type:Target No Manual Integration

Mass:128.00 R.T:9.527 Area:171960 Conc:46.11191ppm
Event:1:Scan SI:91

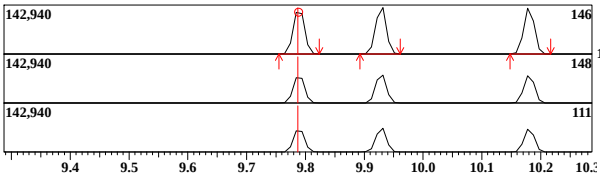
#	m/z	Area	Ratio	Reference
1	64.00	44475	49.63	65.60
2	130.00	28523	31.83	31.89



ID#:14 Name:1,3-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.789 Area:179447 Conc:47.01118ppm
Event:1:Scan SI:93

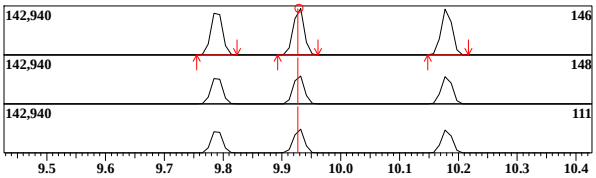
#	m/z	Area	Ratio	Reference
1	148.00	55381	60.93	64.92
2	111.00	45676	50.25	55.28



ID#:15 Name:1,4-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:9.929 Area:179769 Conc:46.04928ppm
Event:1:Scan SI:92

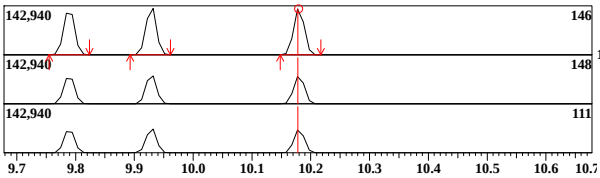
#	m/z	Area	Ratio	Reference
1	148.00	58142	62.54	66.17
2	111.00	47248	50.83	47.39



ID#:16 Name:1,2-Dichlorobenzene Type:Target No Manual Integration

Mass:146.00 R.T:10.179 Area:175924 Conc:46.78366ppm
Event:1:Scan SI:98

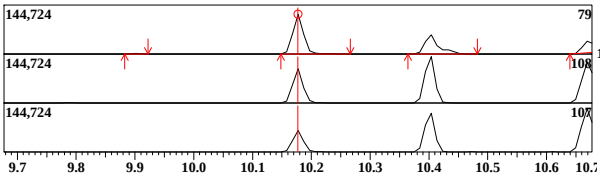
#	m/z	Area	Ratio	Reference
1	148.00	56931	61.55	65.19
2	111.00	46485	50.26	55.22



ID#:17 Name:Benzyl Alcohol Type:Target No Manual Integration

Mass:79.00 R.T:10.178 Area:153062 Conc:46.71377ppm
Event:1:Scan SI:95

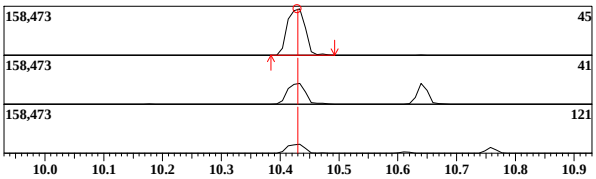
#	m/z	Area	Ratio	Reference
1	108.00	66221	84.79	85.77
2	107.00	42837	54.85	58.74



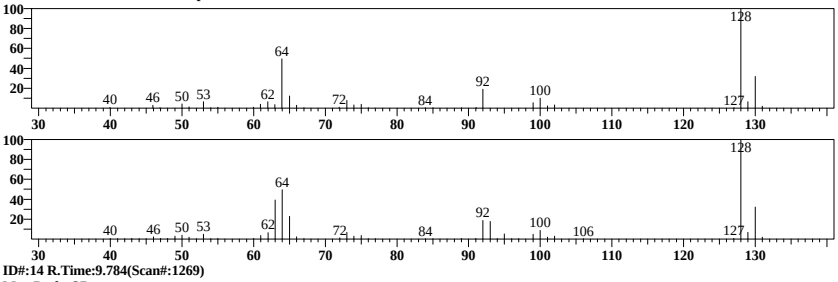
ID#:18 Name:bis(2-Chloroisopropyl) Ether Type:Target No Manual Integration

Mass:45.00 R.T:10.429 Area:323285 Conc:47.49300ppm
Event:1:Scan SI:93

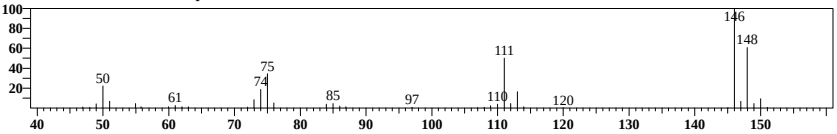
#	m/z	Area	Ratio	Reference
1	41.00	57204	44.67	39.13
2	121.00	24222	18.91	18.18

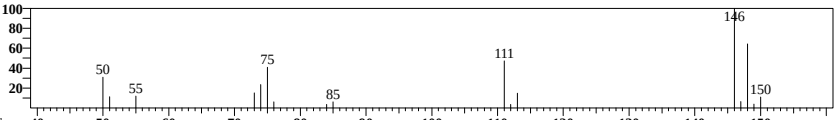


ID#:13 R.Time:9.529(Scan#:1217)
MassPeaks:35
RawMode:Averaged 9.519-9.539(1215-1219)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

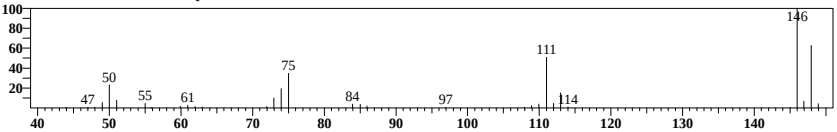


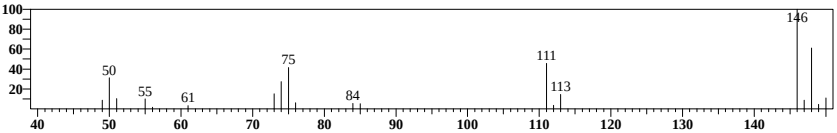
ID#:14 R.Time:9.784(Scan#:1269)
MassPeaks:37
RawMode:Averaged 9.774-9.794(1267-1271)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



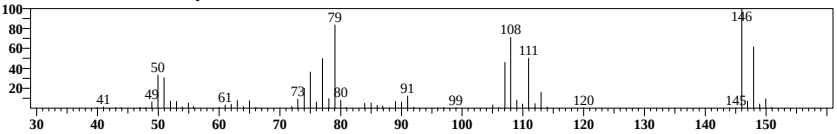


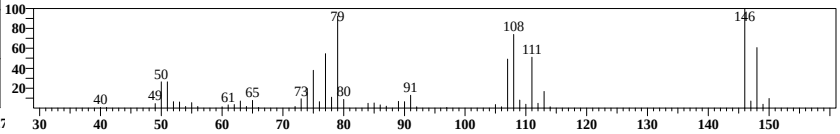
ID#:15 R.Time:9.932(Scan#:1299)
MassPeaks:32
RawMode:Averaged 9.922-9.942(1297-1301)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



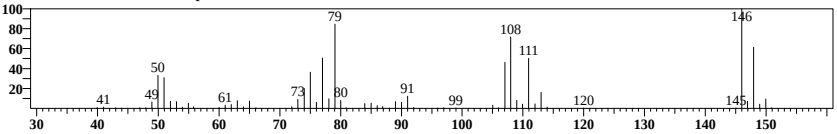


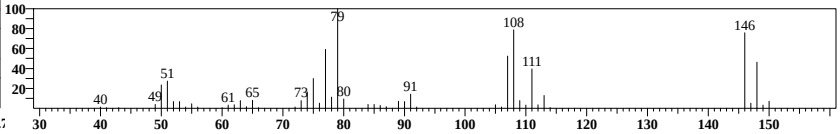
ID#:16 R.Time:10.178(Scan#:1349)
MassPeaks:61
RawMode:Averaged 10.168-10.188(1347-1351)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



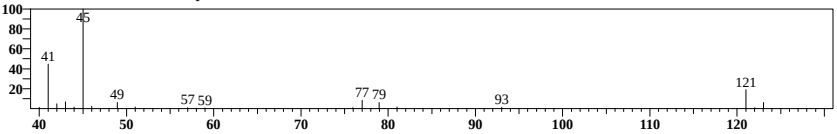


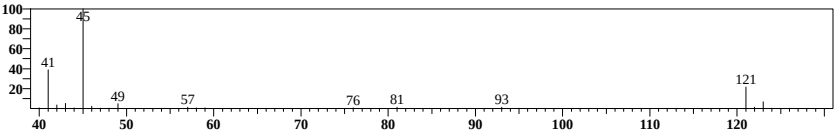
ID#:17 R.Time:10.178(Scan#:1349)
MassPeaks:61
RawMode:Averaged 10.168-10.188(1347-1351)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan





ID#:18 R.Time:10.433(Scan#:1401)
MassPeaks:26
RawMode:Averaged 10.424-10.443(1399-1403)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

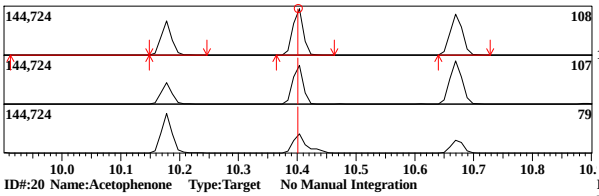


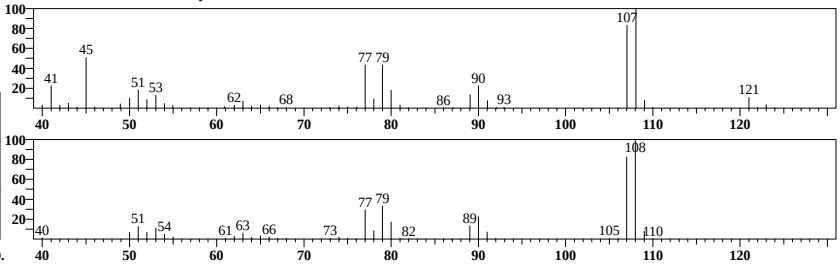


ID#:19 Name:2-Methylphenol (o-Cresol) Type:Target No Manual Integration

Mass:108.00 R.T:10.402 Area:172825 Conc:46.50422ppm
Event:1:Scan SI:86

#	m/z	Area	Ratio	Reference
1	107.00	75945	83.44	84.56
2	79.00	39482	43.38	35.28

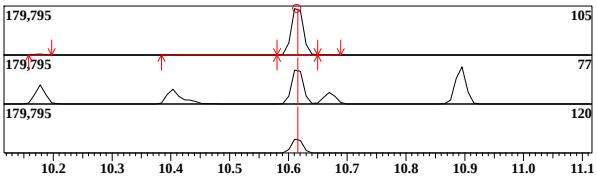


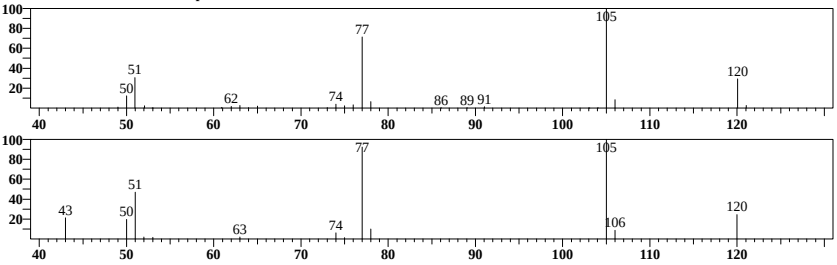


ID#:20 Name:Acetophenone Type:Target No Manual Integration

Mass:105.00 R.T:10.615 Area:252297 Conc:46.16318ppm
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	77.00	90403	71.54	73.31
2	120.00	37006	29.29	24.48

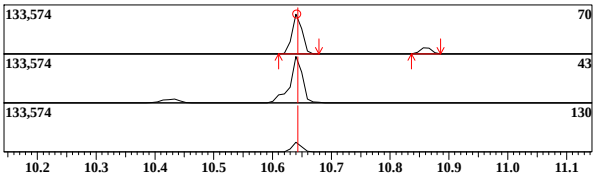


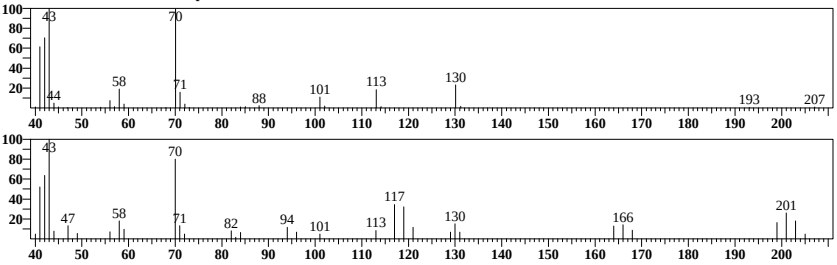


ID#:21 Name:N-Nitrosodi-n-propylamine Type:Target No Manual Integration

Mass:70.00 R.T:10.641 Area:131668 Conc:46.86460ppm
Event:1:Scan SI:74

#	m/z	Area	Ratio	Reference
1	43.00	71219	100.80	109.00
2	130.00	16585	23.47	17.19

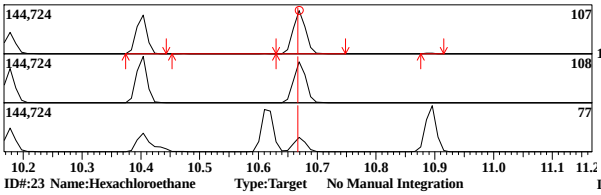


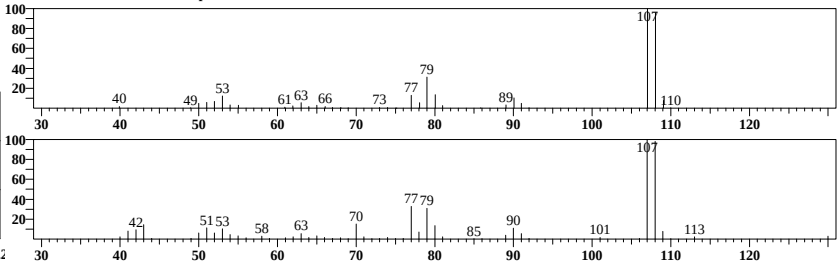


ID#:22 Name:3+4-Methylphenol(m&p-Cresol) Type:Target No Manual Integration

Mass:107.00 R.T:10.669 Area:189884 Conc:47.61977ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	108.00	90469	95.84	95.43
2	77.00	12059	12.78	31.91

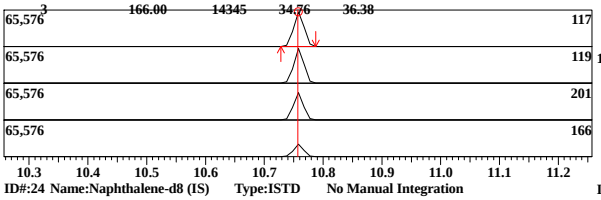


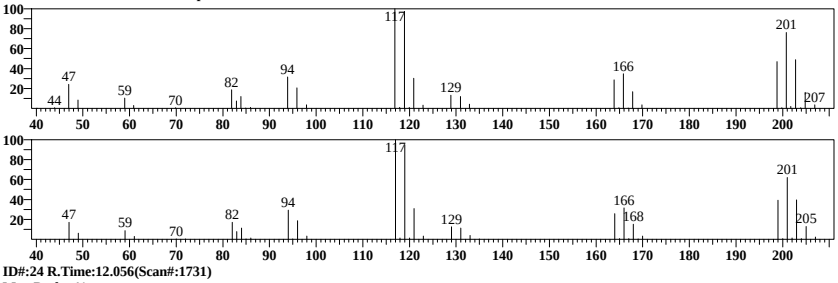


ID#:23 Name:Hexachloroethane Type:Target No Manual Integration

Mass:117.00 R.T:10.758 Area:77233 Conc:46.91802ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	119.00	40192	97.39	92.41
2	201.00	31426	76.15	78.73
3	166.00	14345	34.76	36.38

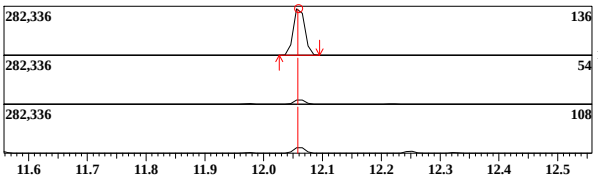


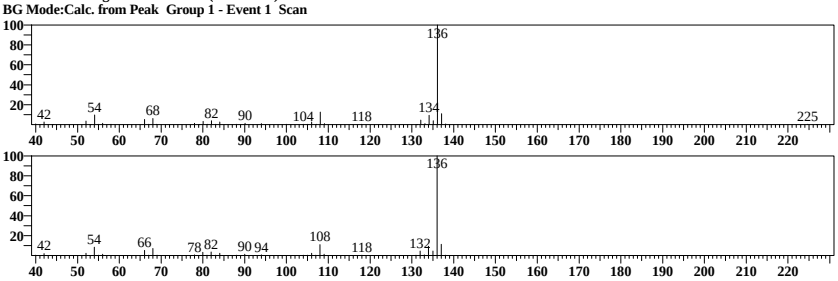


ID#:24 Name:Naphthalene-d8 (IS) Type:ISTD No Manual Integration

Mass:136.00 R.T:12.060 Area:375491 Conc:40.00000ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	54.00	18413	9.61	11.97
2	108.00	23883	12.47	12.20

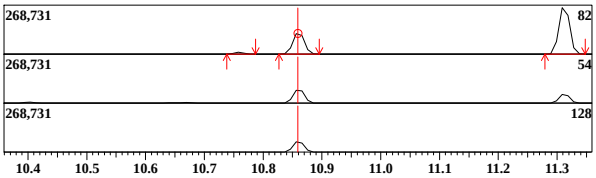


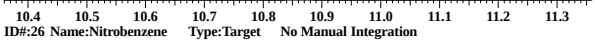


ID#:25 Name:Nitrobenzene-d5 Type:Surrogate/SMC No Manual Integration

Mass:82.00 R.T:10.860 Area:164885 Conc:47.18387ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	54.00	52916	63.42	65.85
2	128.00	41172	49.35	43.44

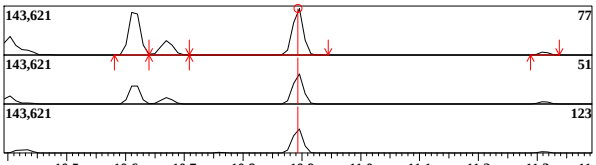


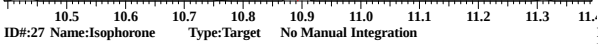


ID#:26 Name:Nitrobenzene Type:Target No Manual Integration

Mass:77.00 R.T:10.894 Area:176608 Conc:48.06870ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	51.00	60085	65.39	61.12
2	123.00	47693	51.90	46.32

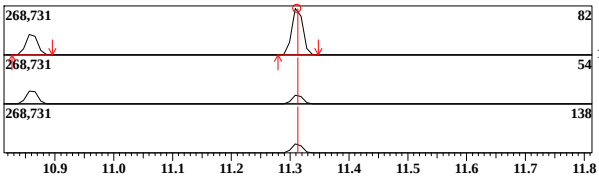


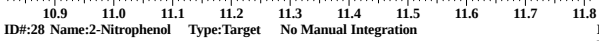


ID#:27 Name:Isophorone Type:Target No Manual Integration

Mass:82.00 R.T:11.312 Area:342763 Conc:47.36847ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	54.00	33964	18.89	19.87
2	138.00	35056	19.49	14.87

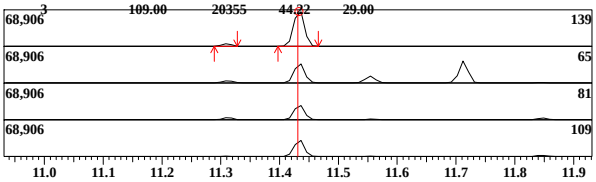


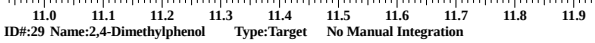


ID#:28 Name:2-Nitrophenol Type:Target No Manual Integration

Mass:139.00 R.T:11.433 Area:88890 Conc:49.35533ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	65.00	24694	53.64	55.00
2	81.00	18658	40.53	33.00
3	109.00	20355	44.22	29.00

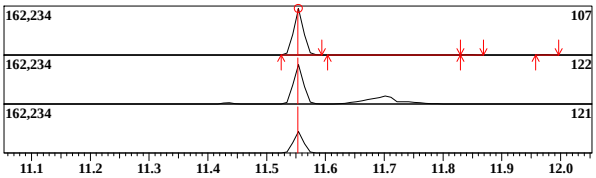


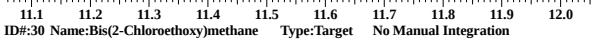


ID#:29 Name:2,4-Dimethylphenol Type:Target No Manual Integration

Mass:107.00 R.T:11.554 Area:180583 Conc:45.93548ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	122.00	83922	86.70	82.87
2	121.00	45859	47.38	42.24

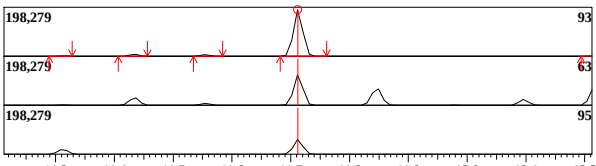


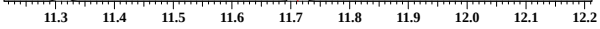


ID#:30 Name:Bis(2-Chloroethoxy)methane Type:Target No Manual Integration

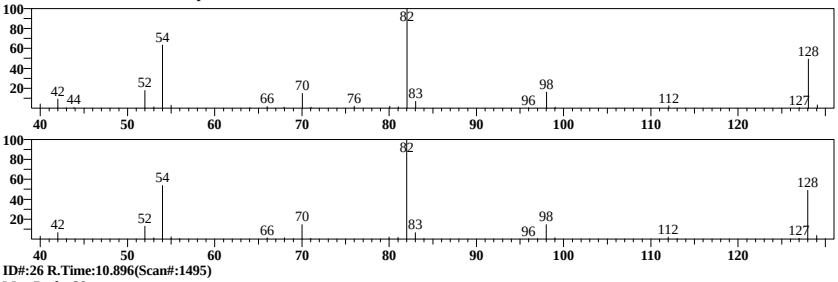
Mass:93.00 R.T:11.712 Area:214239 Conc:46.65839ppm
Event:1:Scan SI:88

#	m/z	Area	Ratio	Reference
1	63.00	76854	66.07	85.08
2	95.00	37444	32.19	33.16

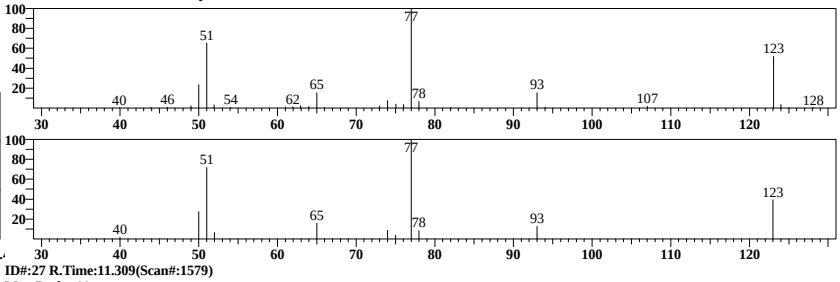




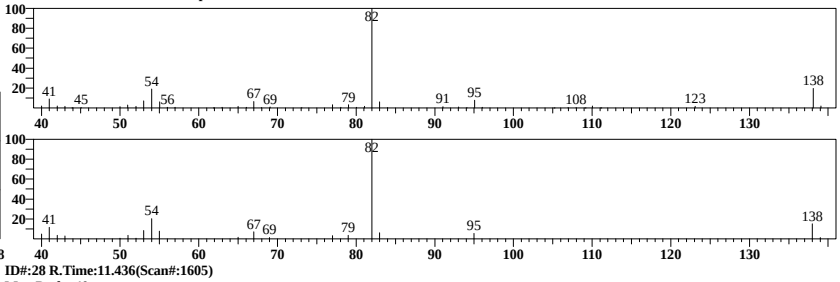
ID#:25 R.Time:10.856(Scan#:1487)
MassPeaks:25
RawMode:Averaged 10.846-10.866(1485-1489)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



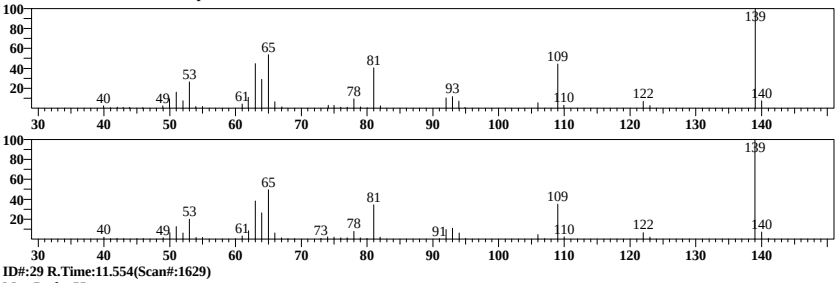
ID#:26 R.Time:10.896(Scan#:1495)
MassPeaks:28
RawMode:Averaged 10.886-10.905(1493-1497)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



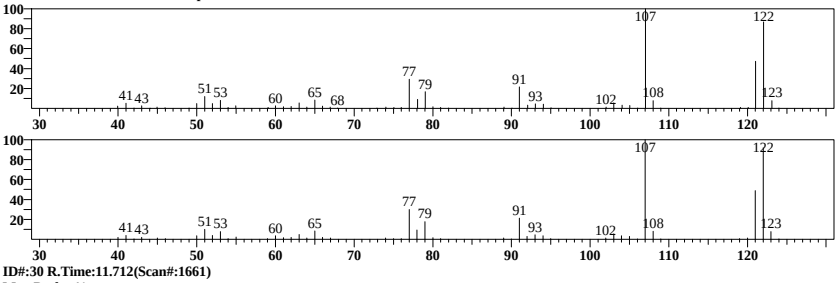
ID#:27 R.Time:11.309(Scan#:1579)
MassPeaks:44
RawMode:Averaged 11.299-11.318(1577-1581)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



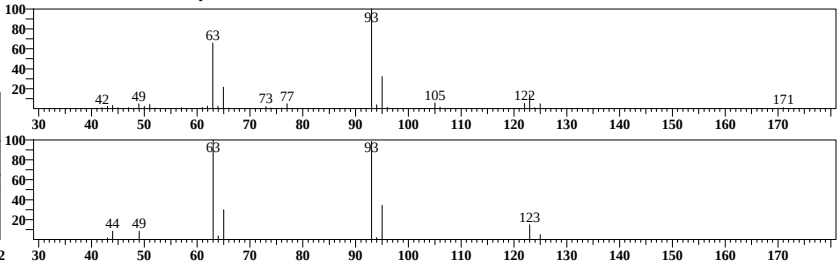
ID#:28 R.Time:11.436(Scan#:1605)
MassPeaks:40
RawMode:Averaged 11.427-11.446(1603-1607)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:29 R.Time:11.554(Scan#:1629)
MassPeaks:55
RawMode:Averaged 11.544-11.564(1627-1631)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



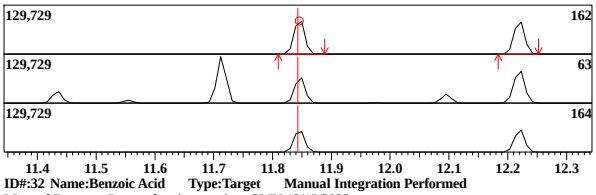
ID#:30 R.Time:11.712(Scan#:1661)
MassPeaks:41
RawMode:Averaged 11.702-11.722(1659-1663)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



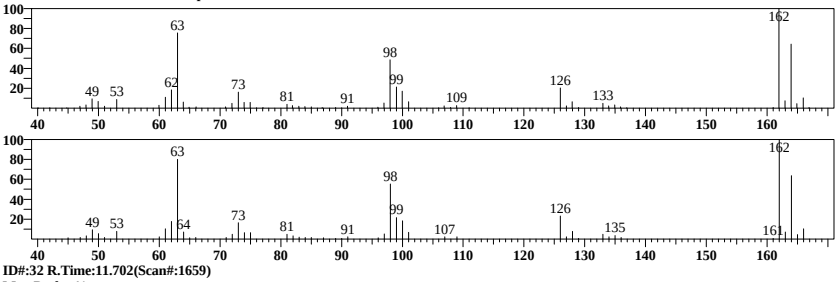
ID#:31 Name:2,4-Dichlorophenol Type:Target No Manual Integration

Mass:162.00 R.T:11.846 Area:119940 Conc:48.77248ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	63.00	46399	75.68	59.00
2	164.00	39440	64.33	65.54



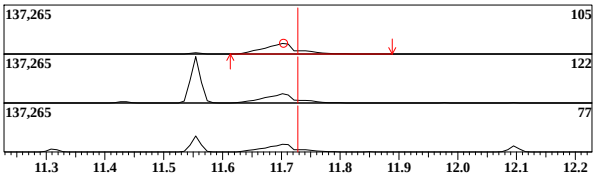
ID#:31 R.Time:11.849(Scan#:1689)
MassPeaks:59
RawMode:Averaged 11.839-11.859(1687-1691)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



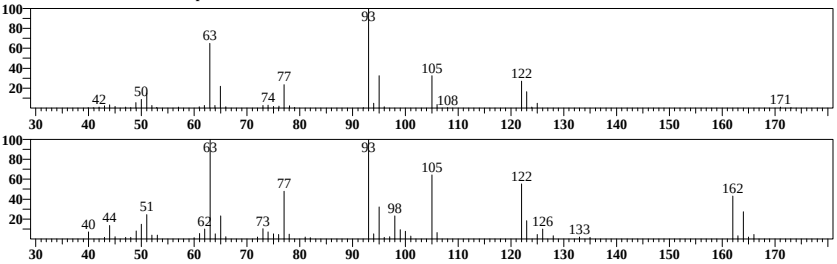
ID#:32 Name:Benzoic Acid Type:Target Manual Integration Performed
Manual Reason: Incomplete integration. CMN 12/15/2022

Mass:105.00 R.T:11.704 Area:123391 Conc:49.86409ppm
Event:1:Scan SI:77

#	m/z	Area	Ratio	Reference
1	122.00	23155	83.17	76.85
2	77.00	20228	72.66	75.23



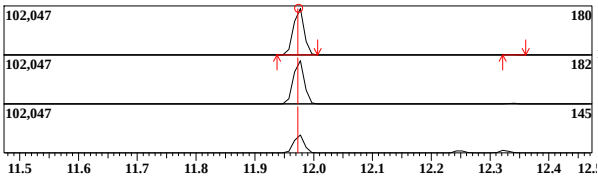
ID#:32 R.Time:11.702(Scan#:1659)
MassPeaks:41
RawMode:Averaged 11.692-11.712(1657-1661)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



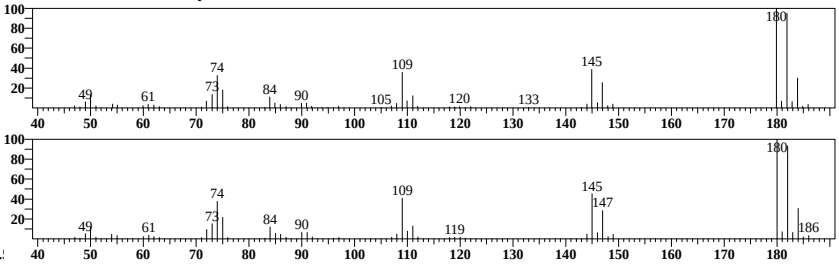
ID#:33 Name:1,2,4-Trichlorobenzene Type:Target No Manual Integration

Mass:180.00 R.T:11.975 Area:124291 Conc:47.74863ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	182.00	62082	95.15	91.21
2	145.00	25160	38.56	29.06



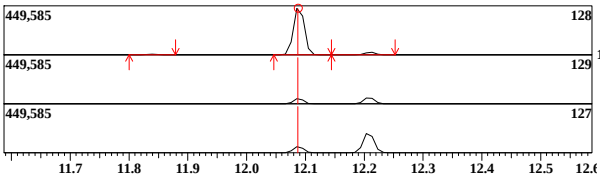
ID#:33 R.Time:11.977(Scan#:1715)
MassPeaks:56
RawMode:Averaged 11.967-11.987(1713-1717)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



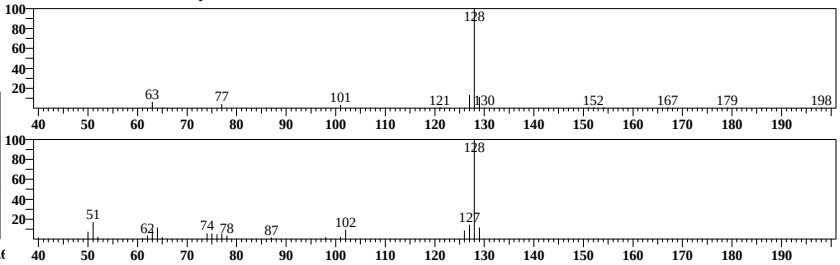
ID#:34 Name:Naphthalene Type:Target No Manual Integration

Mass:128.00 R.T:12.088 Area:576449 Conc:44.85911ppm
Event:2:SIM SI:94

#	m/z	Area	Ratio	Reference
1	129.00	32823	10.87	10.48
2	127.00	38861	12.88	13.97



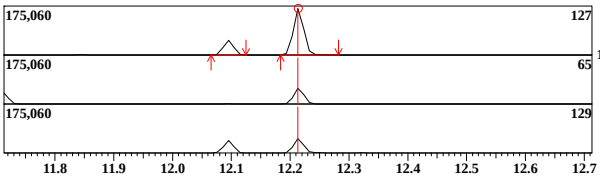
ID#:34 R.Time:12.085(Scan#:1738)
MassPeaks:16
RawMode:Averaged 12.076-12.095(1736-1740)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



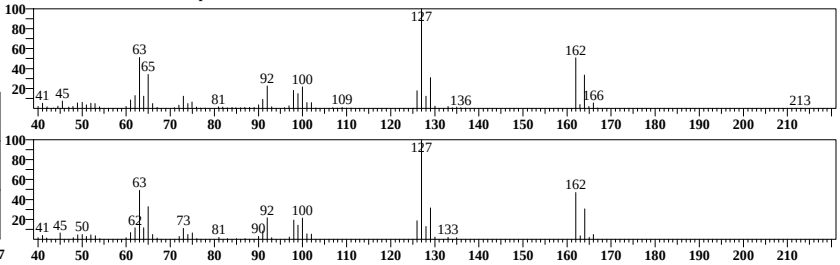
ID#:35 Name:4-Chloroaniline Type:Target No Manual Integration

Mass:127.00 R.T:12.214 Area:211123 Conc:46.76266ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	65.00	37591	34.13	45.58
2	129.00	33894	30.77	30.27



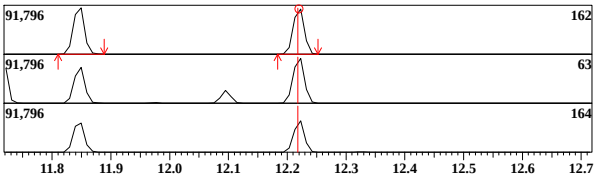
ID#:35 R.Time:12.213(Scan#:1763)
MassPeaks:74
RawMode:Averaged 12.203-12.223(1761-1765)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



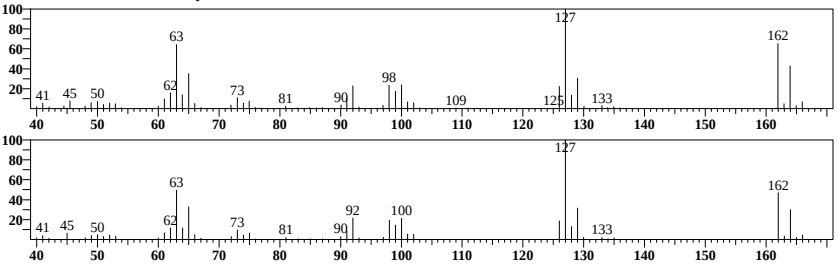
ID#:36 Name:2,6-Dichlorophenol Type:Target No Manual Integration

Mass:162.00 R.T:12.220 Area:115953 Conc:47.94603ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	63.00	59418	98.88	88.00
2	164.00	39492	65.72	62.85



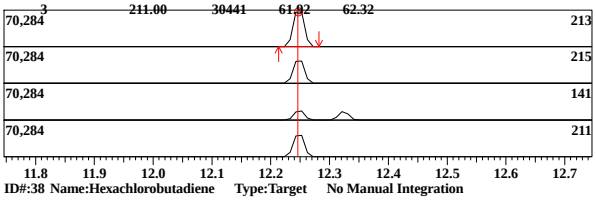
ID#:36 R.Time:12.223(Scan#:1765)
MassPeaks:67
RawMode:Averaged 12.213-12.233(1763-1767)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:37 Name:Hexachloropropene Type:Target No Manual Integration

Mass:213.00 R.T:12.248 Area:95654 Conc:50.19921ppm
Event:1:Scan SI:97

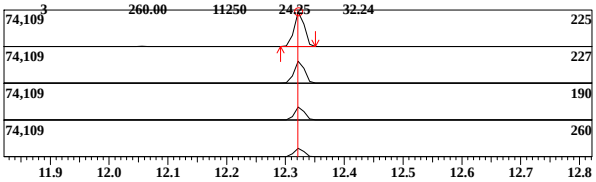
#	m/z	Area	Ratio	Reference
1	215.00	31345	63.76	64.65
2	141.00	11816	24.04	22.52
3	211.00	30441	61.92	62.32



ID#:38 Name:Hexachlorobutadiene Type:Target No Manual Integration

Mass:225.00 R.T:12.323 Area:85920 Conc:48.06782ppm
Event:1:Scan SI:90

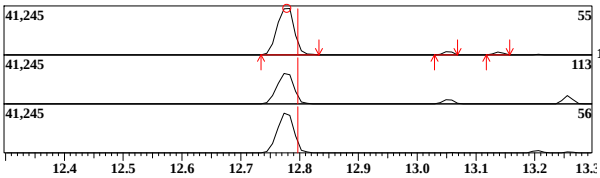
#	m/z	Area	Ratio	Reference
1	227.00	29820	64.27	64.03
2	190.00	16751	36.10	38.21
3	260.00	11250	24.25	32.24



ID#:39 Name:Caprolactam Type:Target No Manual Integration

Mass:55.00 R.T:12.779 Area:81899 Conc:48.28762ppm
Event:1:Scan SI:97

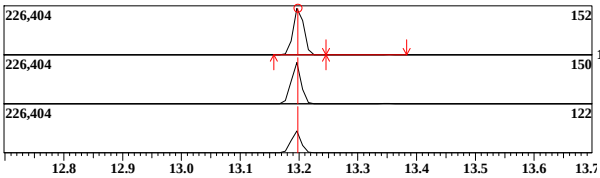
#	m/z	Area	Ratio	Reference
1	113.00	20418	64.64	78.00
2	56.00	26573	84.12	79.15



ID#:40 Name:2-Methylnaphthalene-d10 Type:Target No Manual Integration

Mass:152.00 R.T:13.198 Area:277056 Conc:46.41136ppm
Event:2:SIM SI:98

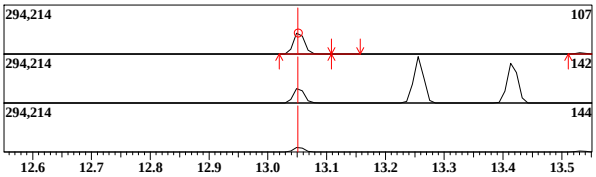
#	m/z	Area	Ratio	Reference
1	150.00	121192	82.91	58.54
2	122.00	64079	43.84	46.34



ID#:41 Name:4-Chloro-3-methylphenol Type:Target No Manual Integration

Mass:107.00 R.T:13.052 Area:174404 Conc:48.60991ppm
Event:1:Scan SI:98

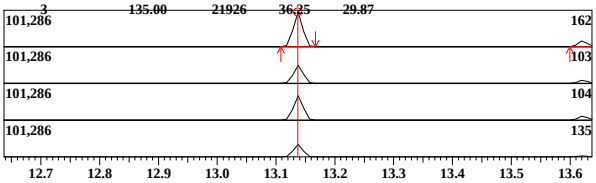
#	m/z	Area	Ratio	Reference
1	142.00	61085	69.40	60.24
2	144.00	19715	22.40	18.55



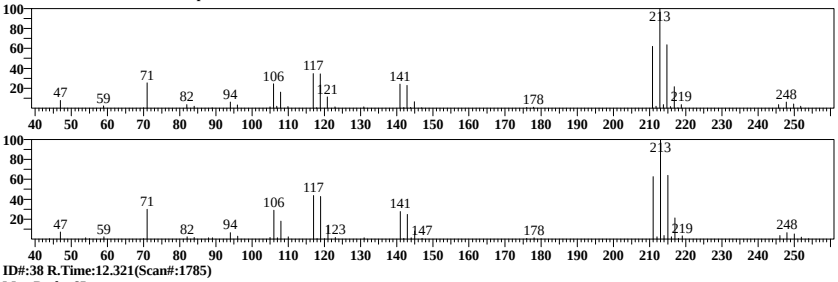
ID#:42 Name:Safrole Type:Target No Manual Integration

Mass:162.00 R.T:13.137 Area:111480 Conc:46.43590ppm
Event:1:Scan SI:97

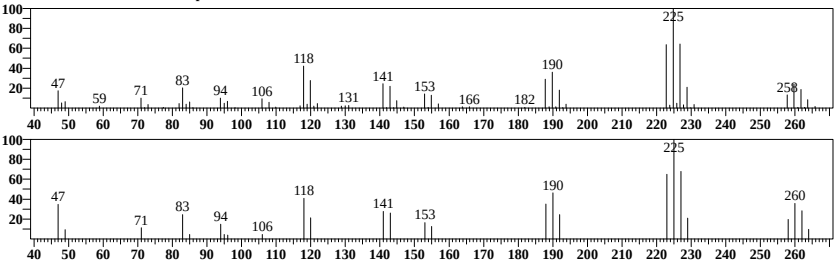
#	m/z	Area	Ratio	Reference
1	103.00	32221	53.27	50.38
2	104.00	43232	71.48	67.22
3	135.00	21926	36.25	29.87



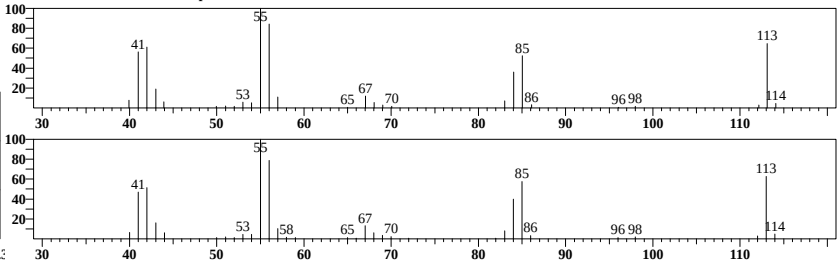
ID#:37 R.Time:12.243(Scan#:1769)
MassPeaks:41
RawMode:Averaged 12.233-12.253(1767-1771)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



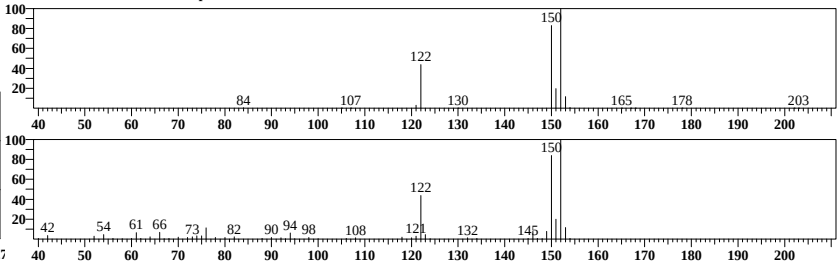
ID#:38 R.Time:12.321(Scan#:1785)
MassPeaks:65
RawMode:Averaged 12.312-12.331(1783-1787)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



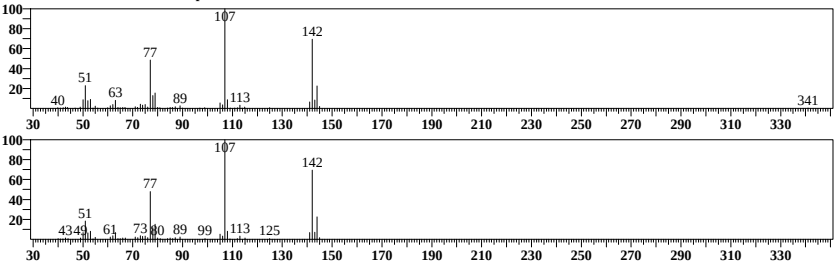
ID#:39 R.Time:12.784(Scan#:1879)
MassPeaks:27
RawMode:Averaged 12.774-12.793(1877-1881)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



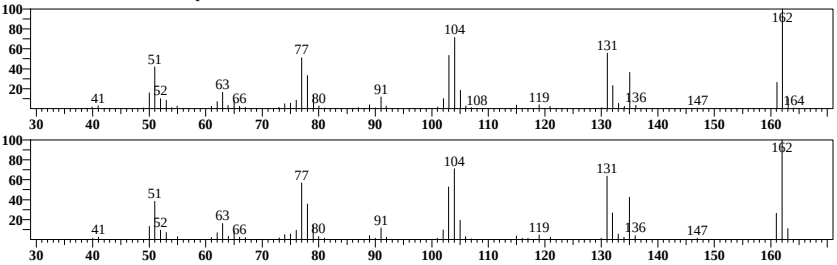
ID#:40 R.Time:13.196(Scan#:1964)
MassPeaks:17
RawMode:Averaged 13.187-13.206(1962-1966)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



ID#:41 R.Time:13.049(Scan#:1933)
MassPeaks:58
RawMode:Averaged 13.039-13.059(1931-1935)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



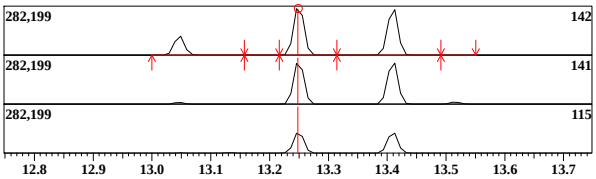
ID#:42 R.Time:13.137(Scan#:1951)
MassPeaks:63
RawMode:Averaged 13.128-13.147(1949-1953)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:43 Name:2-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.249 Area:361476 Conc:44.14315ppm
Event:2:SIM SI:98

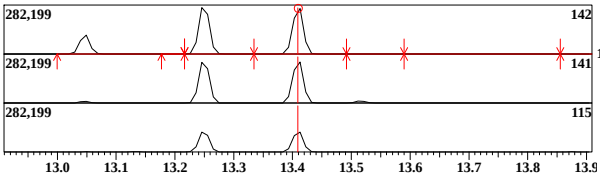
#	m/z	Area	Ratio	Reference
1	141.00	164021	87.28	68.04
2	115.00	80696	42.94	50.52



ID#:44 Name:1-Methylnaphthalene Type:Target No Manual Integration

Mass:142.00 R.T:13.410 Area:348269 Conc:44.83817ppm
Event:2:SIM SI:92

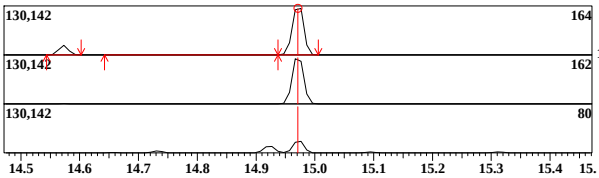
#	m/z	Area	Ratio	Reference
1	141.00	163661	90.63	72.83
2	115.00	80192	44.41	32.61



ID#:45 Name:Acenaphthene-d10 (IS) Type:ISTD No Manual Integration

Mass:164.00 R.T:14.972 Area:181722 Conc:40.00000ppm
Event:1:Scan SI:97

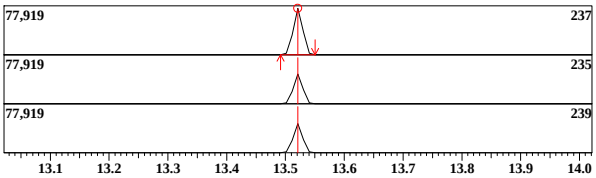
#	m/z	Area	Ratio	Reference
1	162.00	86729	96.07	95.44
2	80.00	20316	22.50	29.92



ID#:46 Name:Hexachlorocyclopentadiene Type:Target No Manual Integration

Mass:237.00 R.T:13.521 Area:86540 Conc:43.29301ppm
Event:1:Scan SI:95

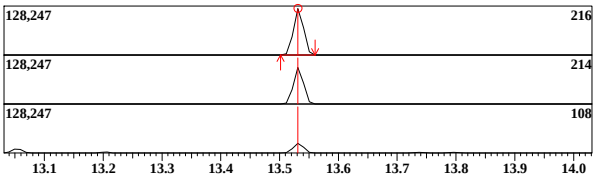
#	m/z	Area	Ratio	Reference
1	235.00	29797	63.28	58.98
2	239.00	28925	61.43	65.78



ID#:47 Name:1,2,4,5-Tetrachlorobenzene Type:Target No Manual Integration

Mass:216.00 R.T:13.532 Area:150126 Conc:46.39598ppm
Event:1:Scan SI:76

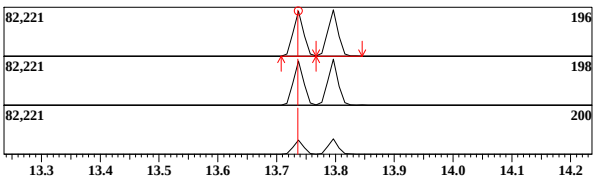
#	m/z	Area	Ratio	Reference
1	214.00	63000	78.29	78.02
2	108.00	17430	21.66	22.55



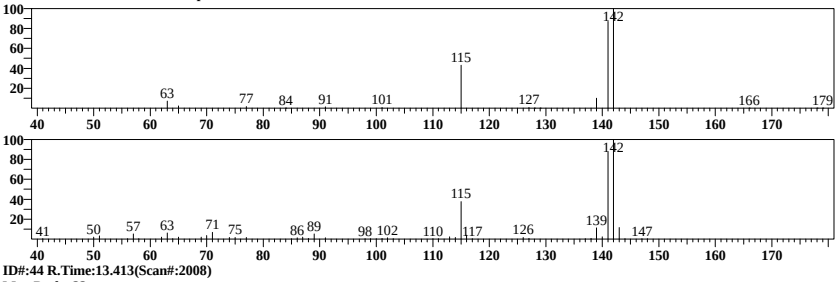
ID#:48 Name:2,4,6-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.737 Area:92497 Conc:48.34165ppm
Event:1:Scan SI:96

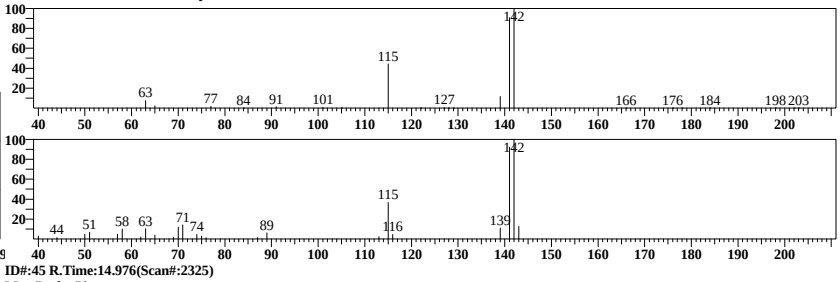
#	m/z	Area	Ratio	Reference
1	198.00	48243	98.29	94.42
2	200.00	15564	31.71	32.47



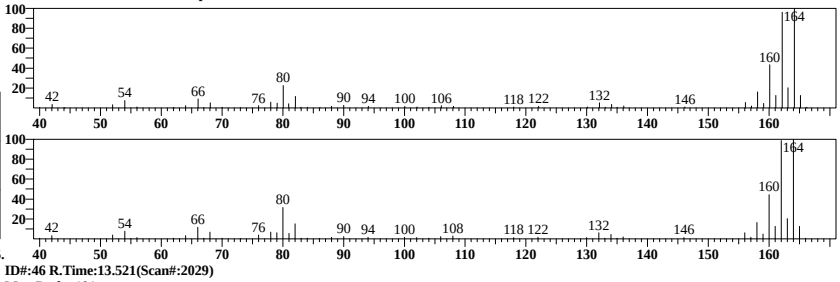
ID#:43 R.Time:13.246(Scan#:1974)
MassPeaks:16
RawMode:Averaged 13.236-13.256(1972-1976)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



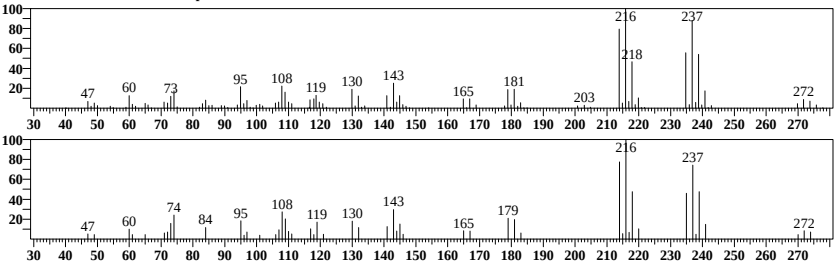
ID#:44 R.Time:13.413(Scan#:2008)
MassPeaks:22
RawMode:Averaged 13.403-13.423(2006-2010)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



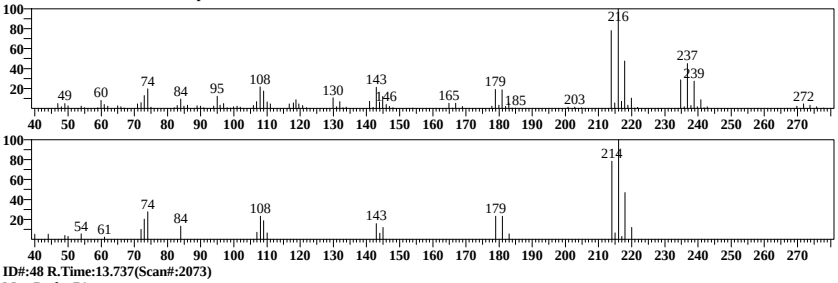
ID#:45 R.Time:14.976(Scan#:2325)
MassPeaks:50
RawMode:Averaged 14.967-14.986(2323-2327)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



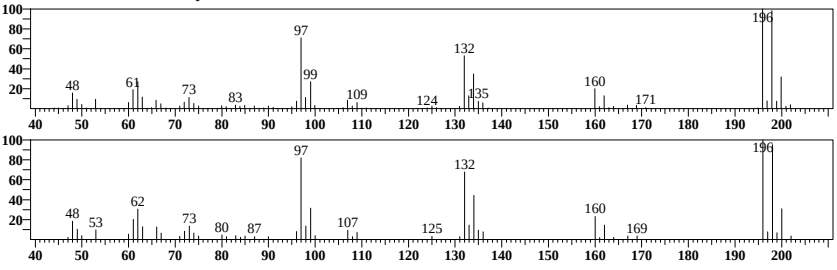
ID#:46 R.Time:13.521(Scan#:2029)
MassPeaks:101
RawMode:Averaged 13.511-13.531(2027-2031)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:47 R.Time:13.531(Scan#:2031)
MassPeaks:99
RawMode:Averaged 13.521-13.541(2029-2033)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



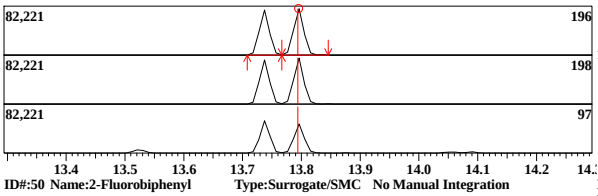
ID#:48 R.Time:13.737(Scan#:2073)
MassPeaks:74
RawMode:Averaged 13.727-13.747(2071-2075)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:49 Name:2,4,5-Trichlorophenol Type:Target No Manual Integration

Mass:196.00 R.T:13.796 Area:96848 Conc:46.44647ppm
Event:1:Scan SI:97

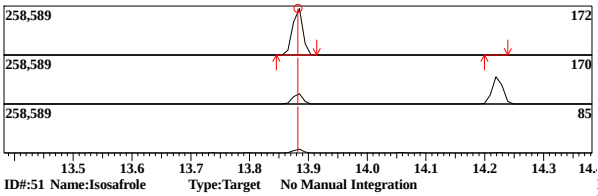
#	m/z	Area	Ratio	Reference
1	198.00	49311	97.13	97.81
2	97.00	31789	62.62	65.15



ID#:50 Name:2-Fluorobiphenyl Type:Surrogate/SMC No Manual Integration

Mass:172.00 R.T:13.882 Area:303344 Conc:46.03566ppm
Event:1:Scan SI:98

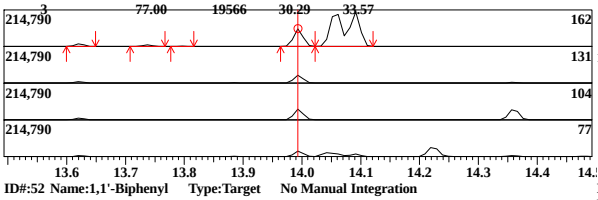
#	m/z	Area	Ratio	Reference
1	170.00	36356	22.57	22.48
2	85.00	13125	8.15	9.13



ID#:51 Name:Isosafrole Type:Target No Manual Integration

Mass:162.00 R.T:13.993 Area:119440 Conc:46.17150ppm
Event:1:Scan SI:97

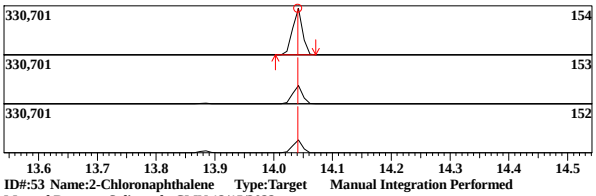
#	m/z	Area	Ratio	Reference
1	131.00	28573	44.24	42.54
2	104.00	39215	60.71	57.35
3	77.00	19566	30.29	33.57



ID#:52 Name:1,1'-Biphenyl Type:Target No Manual Integration

Mass:154.00 R.T:14.041 Area:370545 Conc:45.19392ppm
Event:1:Scan SI:94

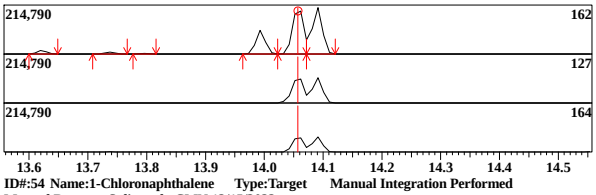
#	m/z	Area	Ratio	Reference
1	153.00	78981	39.68	38.49
2	152.00	54308	27.29	28.01



ID#:53 Name:2-Chloronaphthalene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/15/2022

Mass:162.00 R.T:14.058 Area:279474 Conc:43.93769ppm
Event:1:Scan SI:85

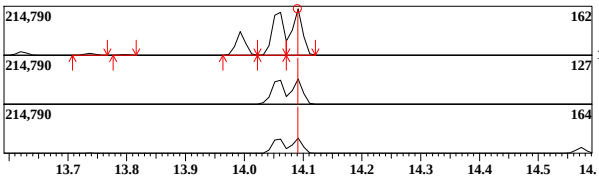
#	m/z	Area	Ratio	Reference
1	127.00	51727	55.81	48.49
2	164.00	30822	33.26	32.94



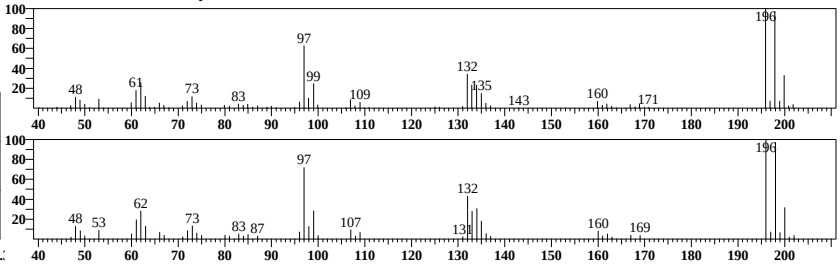
ID#:54 Name:1-Chloronaphthalene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/15/2022

Mass:162.00 R.T:14.090 Area:239706 Conc:48.14464ppm
Event:1:Scan SI:97

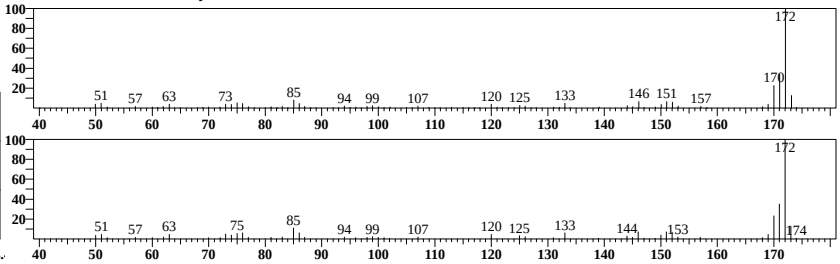
#	m/z	Area	Ratio	Reference
1	127.00	52420	54.91	48.49
2	164.00	31868	33.38	32.94



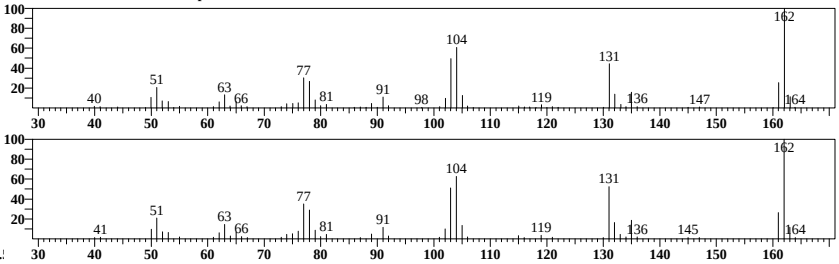
ID#:49 R.Time:13.796(Scan#:2085)
MassPeaks:73
RawMode:Averaged 13.787-13.806(2083-2087)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



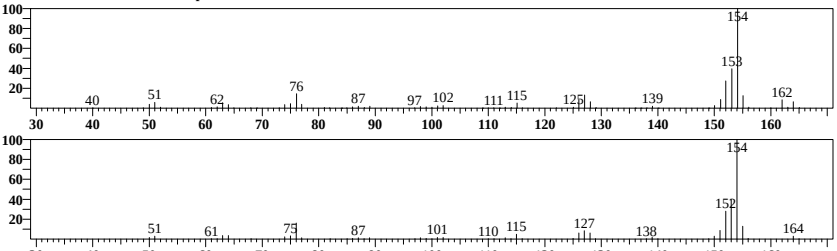
ID#:50 R.Time:13.885(Scan#:2103)
MassPeaks:85
RawMode:Averaged 13.875-13.895(2101-2105)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



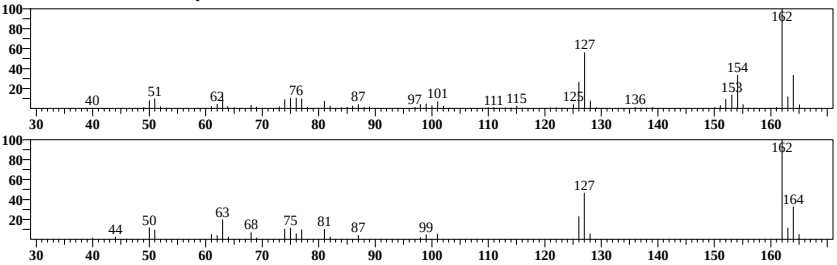
ID#:51 R.Time:13.993(Scan#:2125)
MassPeaks:63
RawMode:Averaged 13.983-14.003(2123-2127)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



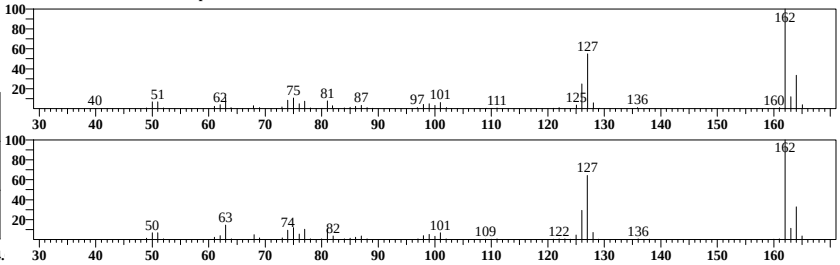
ID#:52 R.Time:14.042(Scan#:2135)
MassPeaks:63
RawMode:Averaged 14.032-14.052(2133-2137)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:53 R.Time:14.062(Scan#:2139)
MassPeaks:68
RawMode:Averaged 14.052-14.072(2137-2141)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



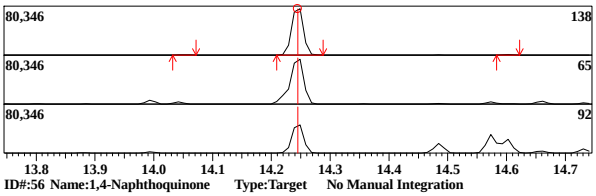
ID#:54 R.Time:14.091(Scan#:2145)
MassPeaks:49
RawMode:Averaged 14.082-14.101(2143-2147)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



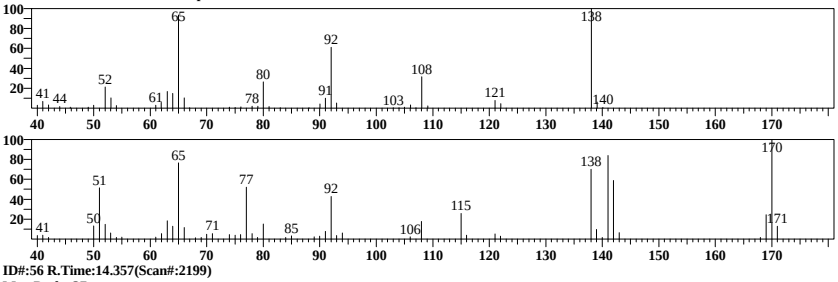
ID#:55 Name:2-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.244 Area:111116 Conc:48.53113ppm
Event:1:Scan SI:58

#	m/z	Area	Ratio	Reference
1	65.00	52367	93.51	101.46
2	92.00	34217	61.10	55.64



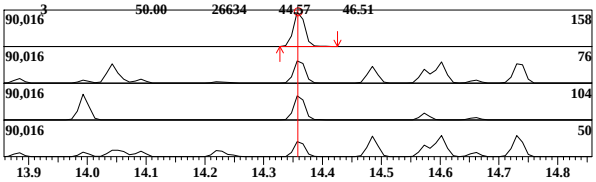
ID#:55 R.Time:14.249(Scan#:2177)
MassPeaks:42
RawMode:Averaged 14.239-14.259(2175-2179)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



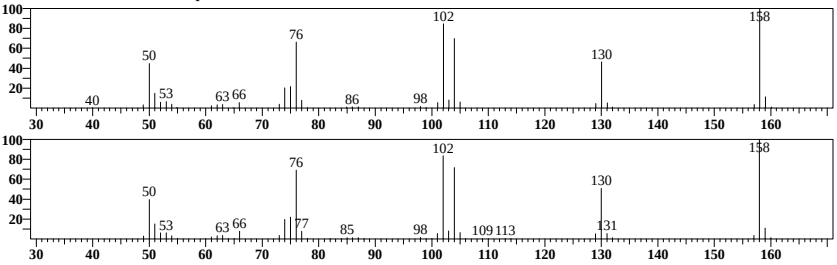
ID#:56 Name:1,4-Naphthoquinone Type:Target No Manual Integration

Mass:158.00 R.T:14.359 Area:117423 Conc:46.40475ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	76.00	39660	66.37	68.34
2	104.00	41784	69.93	74.24
3	50.00	26634	44.57	46.51



ID#:56 R.Time:14.357(Scan#:2199)
MassPeaks:37
RawMode:Averaged 14.347-14.367(2197-2201)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

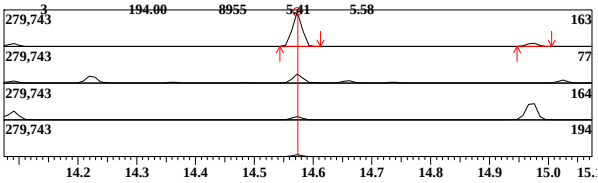


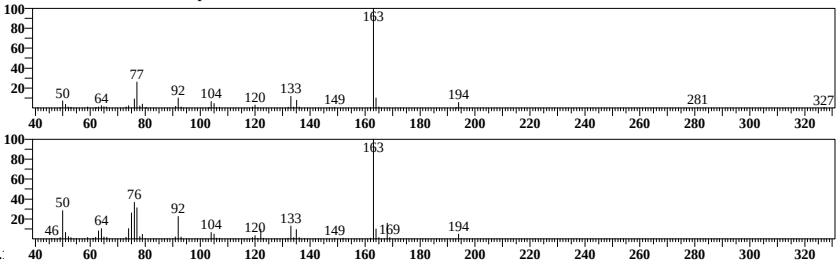
ID#:57 Name:Dimethyl phthalate Type:Target No Manual Integration

ID#:57 R.Time:14.573(Scan#:2243)
MassPeaks:46
RawMode:Averaged 14.563-14.583(2241-2245)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:163.00 R.T:14.573 Area:305563 Conc:46.12961ppm
Event:1:Scan SI:82

#	m/z	Area	Ratio	Reference
1	77.00	43284	26.15	29.31
2	164.00	16454	9.94	10.65
3	194.00	8955	5.41	5.58



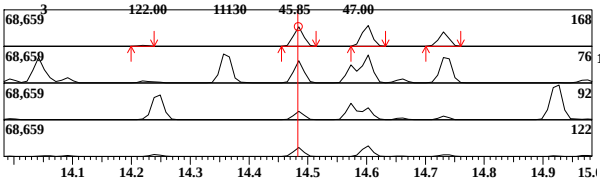


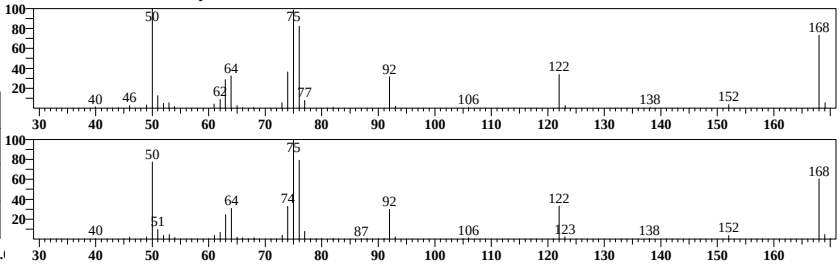
ID#:58 Name:1,3-Dinitrobenzene Type:Target No Manual Integration

ID#:58 R.Time:14.485(Scan#:2225)
MassPeaks:31
RawMode:Averaged 14.475-14.495(2223-2227)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:168.00 R.T:14.484 Area:45520 Conc:45.64524ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	76.00	27164	111.90	100.00
2	92.00	10451	43.05	44.00
3	122.00	11130	45.85	47.00



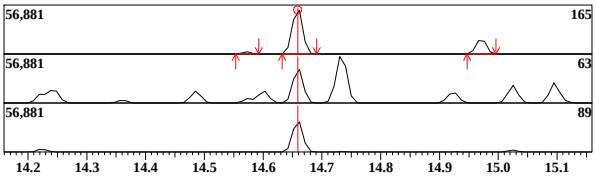


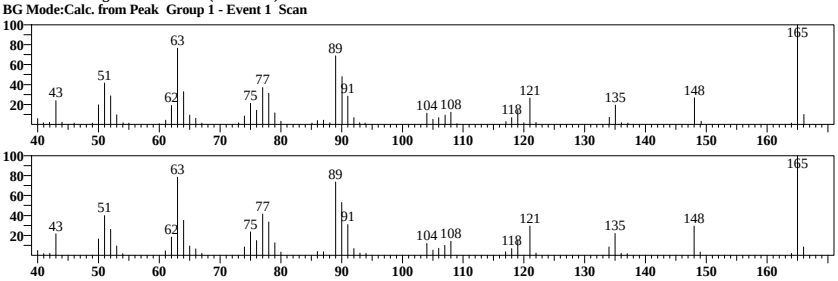
ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT) Type:Target No Manual Integration

ID#:59 R.Time:14.662(Scan#:2261)
MassPeaks:60
RawMode:Averaged 14.652-14.672(2259-2263)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

Mass:165.00 R.T:14.659 Area:67458 Conc:47.49647ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	63.00	26959	76.42	89.00
2	89.00	24292	68.86	65.00



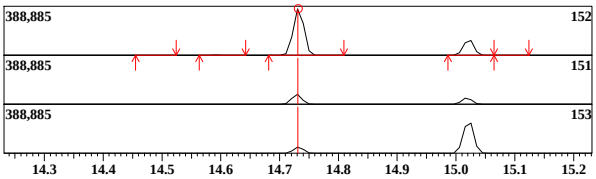


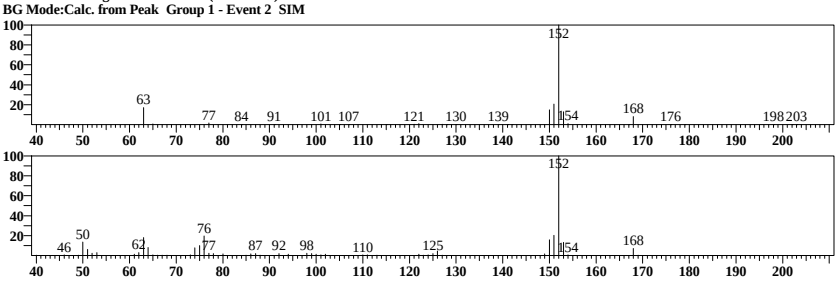
ID#:60 Name:Acenaphthylene Type:Target No Manual Integration

ID#:60 R.Time:14.731(Scan#:2276)
MassPeaks:29
RawMode:Averaged 14.721-14.740(2274-2278)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM

Mass:152.00 R.T:14.732 Area:485260 Conc:43.66613ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	151.00	52777	20.59	14.97
2	153.00	33060	12.90	5.44

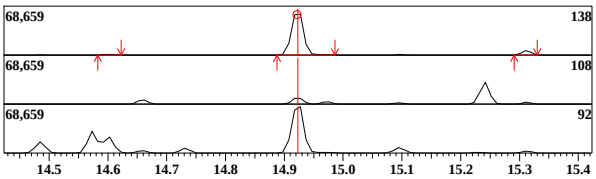




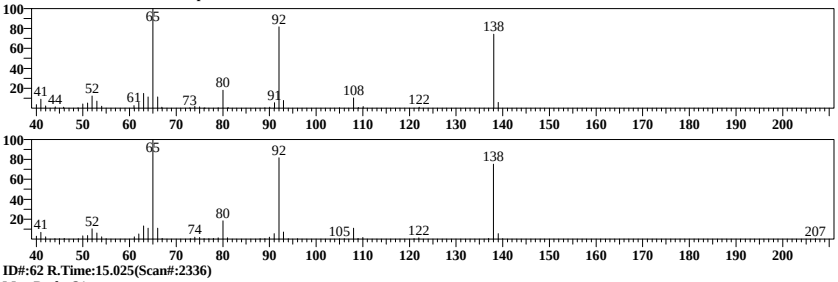
ID#:61 Name:3-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:14.922 Area:89497 Conc:46.96315ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	108.00	6087	13.95	16.00
2	92.00	48019	110.01	101.00



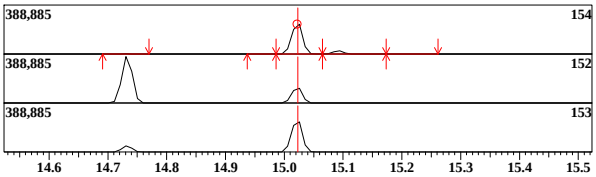
ID#:61 R.Time:14.917(Scan#:2313)
MassPeaks:37
RawMode:Averaged 14.908-14.927(2311-2315)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



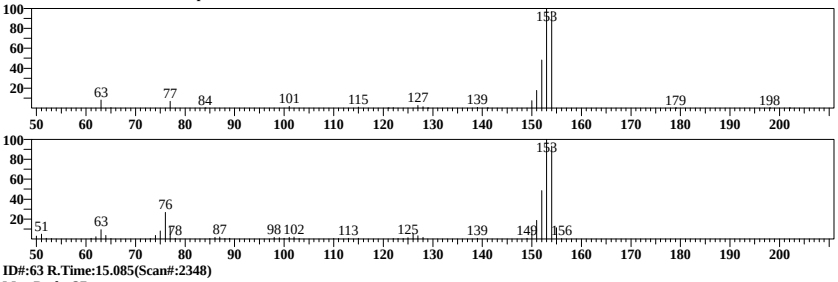
ID#:62 Name:Acenaphthene Type:Target No Manual Integration

Mass:154.00 R.T:15.022 Area:318497 Conc:43.18924ppm
Event:2:SIM SI:98

#	m/z	Area	Ratio	Reference
1	152.00	81893	50.00	59.49
2	153.00	169315	103.38	105.06



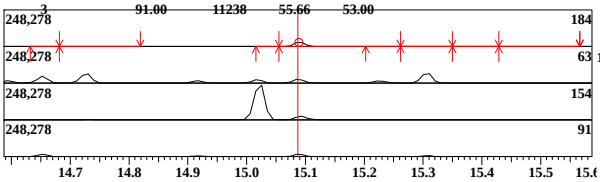
ID#:62 R.Time:15.025(Scan#:2336)
MassPeaks:21
RawMode:Averaged 15.016-15.035(2334-2338)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



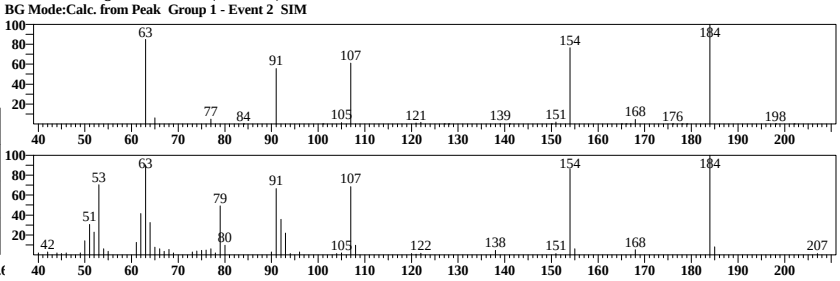
ID#:63 Name:2,4-Dinitrophenol Type:Target No Manual Integration

Mass:184.00 R.T:15.089 Area:43903 Conc:51.35173ppm
Event:2:SIM SI:96

#	m/z	Area	Ratio	Reference
1	63.00	17133	84.86	90.00
2	154.00	15468	76.61	64.00
3	91.00	11238	55.66	53.00



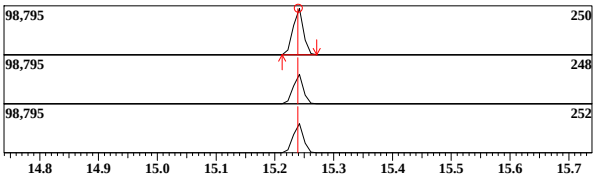
ID#:63 R.Time:15.085(Scan#:2348)
MassPeaks:27
RawMode:Averaged 15.075-15.094(2346-2350)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



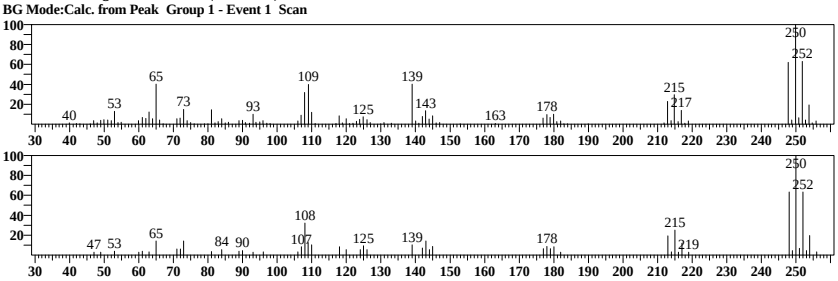
ID#:64 Name:Pentachlorobenzene Type:Target No Manual Integration

Mass:250.00 R.T:15.240 Area:115833 Conc:46.31195ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	248.00	38119	62.20	63.33
2	252.00	38526	62.86	65.87



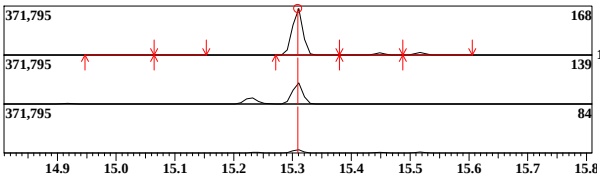
ID#:64 R.Time:15.242(Scan#:2379)
MassPeaks:102
RawMode:Averaged 15.232-15.252(2377-2381)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



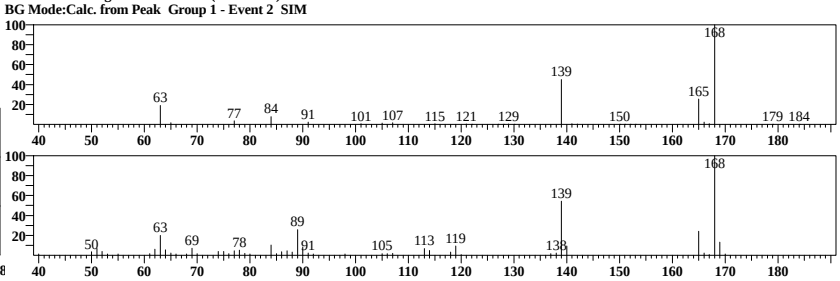
ID#:65 Name:Dibenzofuran Type:Target No Manual Integration

Mass:168.00 R.T:15.309 Area:446545 Conc:44.92969ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	139.00	105618	45.07	44.93
2	84.00	17737	7.57	10.15



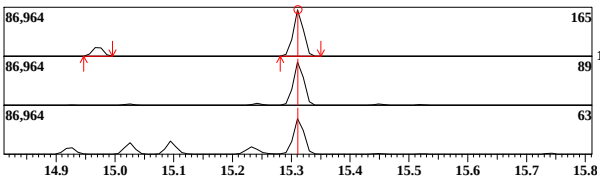
ID#:65 R.Time:15.311(Scan#:2394)
MassPeaks:28
RawMode:Averaged 15.301-15.320(2392-2396)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



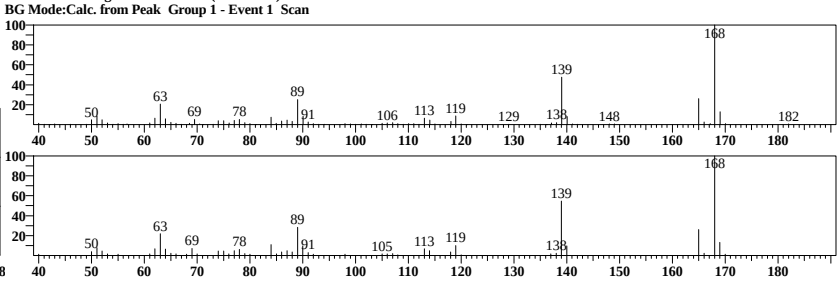
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT) Type:Target No Manual Integration

Mass:165.00 R.T:15.312 Area:100670 Conc:49.12982ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	89.00	51528	96.21	96.00
2	63.00	42462	79.28	80.00



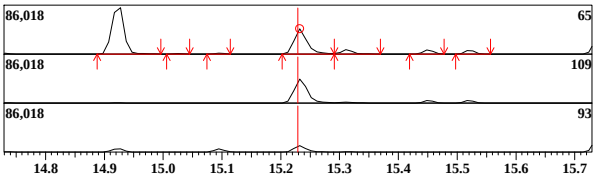
ID#:66 R.Time:15.311(Scan#:2393)
MassPeaks:84
RawMode:Averaged 15.301-15.320(2391-2395)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:67 Name:4-Nitrophenol Type:Target No Manual Integration

Mass:65.00 R.T:15.232 Area:70008 Conc:46.96717ppm
Event:1:Scan SI:71

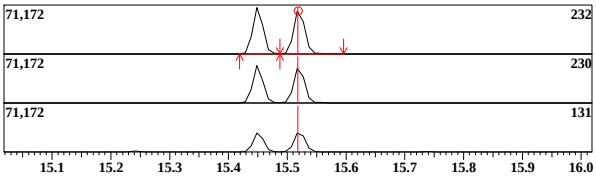
#	m/z	Area	Ratio	Reference
1	109.00	30734	98.97	97.00
2	93.00	8169	26.31	21.72



ID#:68 Name:2,3,4,6-Tetrachlorophenol Type:Target No Manual Integration

Mass:232.00 R.T:15.519 Area:85947 Conc:48.74632ppm
Event:1:Scan SI:96

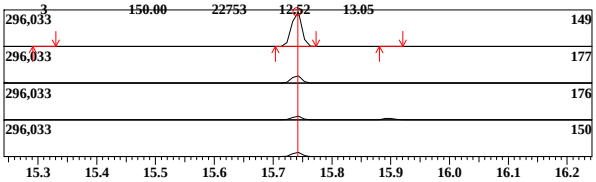
#	m/z	Area	Ratio	Reference
1	230.00	34388	81.27	75.09
2	131.00	19636	46.41	41.75



ID#:69 Name:Diethyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:15.741 Area:343802 Conc:47.64878ppm
Event:1:Scan SI:98

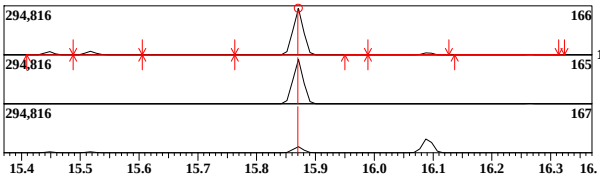
#	m/z	Area	Ratio	Reference
1	177.00	38150	20.99	23.56
2	176.00	18605	10.24	10.95
3	150.00	22753	12.52	13.05



ID#:70 Name:FluoreneType:Target No Manual Integration

Mass:166.00 R.T:15.871 Area:351756 Conc:43.86542ppm
Event:2:SIM SI:96

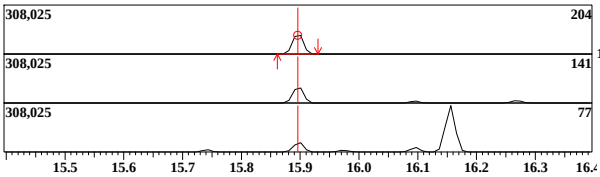
#	m/z	Area	Ratio	Reference
1	165.00	178082	95.99	75.42
2	167.00	24602	13.26	3.39



ID#:71 Name:4-Chlorophenyl phenyl ether Type:Target No Manual Integration

Mass:204.00 R.T:15.896 Area:166887 Conc:46.74893ppm
Event:1:Scan SI:74

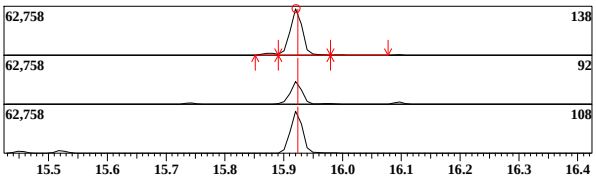
#	m/z	Area	Ratio	Reference
1	141.00	68759	80.08	98.00
2	77.00	38753	45.13	53.19



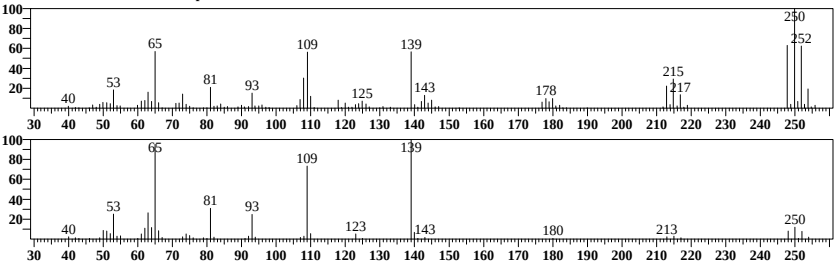
ID#:72 Name:4-Nitroaniline Type:Target No Manual Integration

Mass:138.00 R.T:15.921 Area:86116 Conc:48.54933ppm
Event:1:Scan SI:51

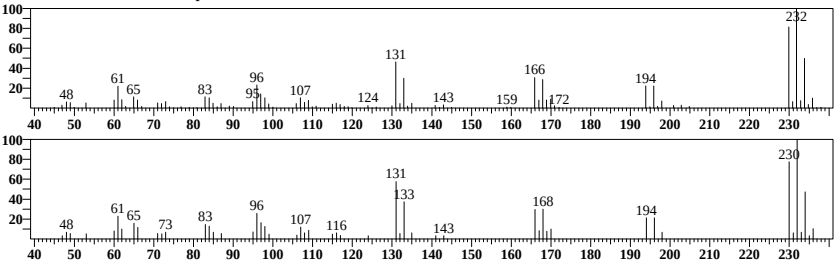
#	m/z	Area	Ratio	Reference
1	92.00	19590	46.25	64.55
2	108.00	39358	92.93	83.01



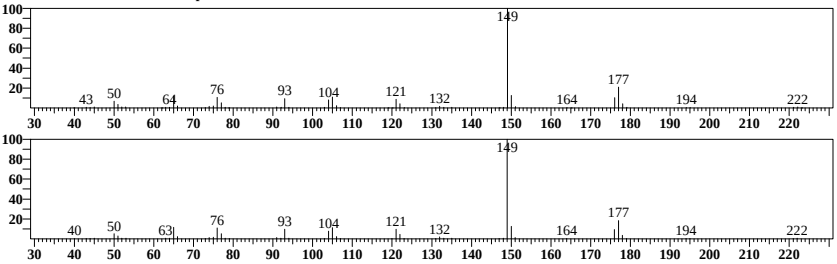
ID#:67 R.Time:15.232(Scan#:2377)
MassPeaks:100
RawMode:Averaged 15.222-15.242(2375-2379)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



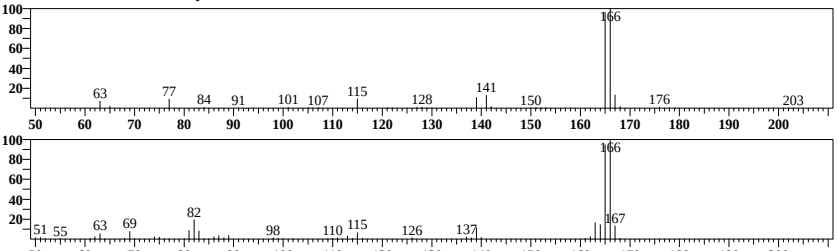
ID#:68 R.Time:15.517(Scan#:2435)
MassPeaks:86
RawMode:Averaged 15.507-15.527(2433-2437)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



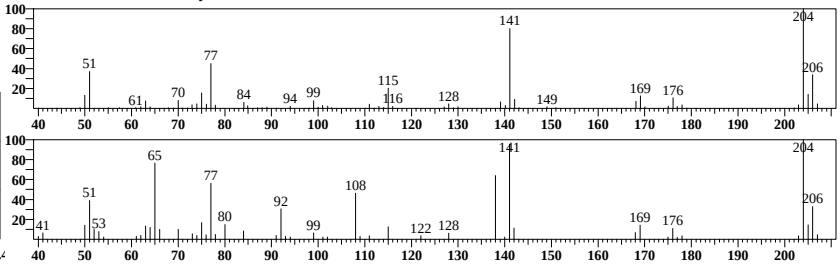
ID#:69 R.Time:15.743(Scan#:2481)
MassPeaks:54
RawMode:Averaged 15.733-15.753(2479-2483)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



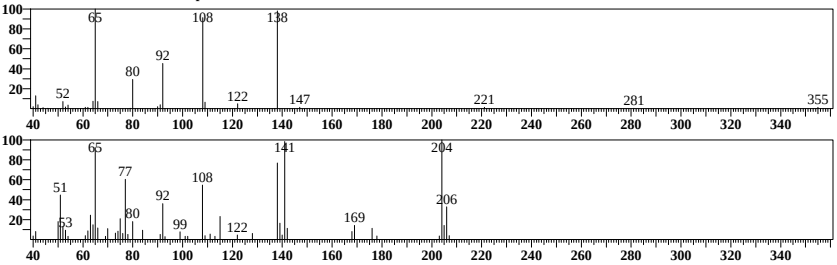
ID#:70 R.Time:15.871(Scan#:2508)
MassPeaks:31
RawMode:Averaged 15.861-15.881(2506-2510)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



ID#:71 R.Time:15.901(Scan#:2513)
MassPeaks:67
RawMode:Averaged 15.891-15.911(2511-2515)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



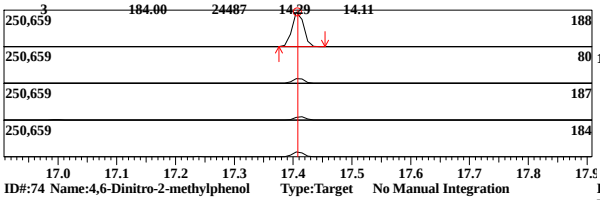
ID#:72 R.Time:15.920(Scan#:2517)
MassPeaks:26
RawMode:Averaged 15.911-15.930(2515-2519)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:73 Name:Phenanthrene-d10 (IS) Type:ISTD No Manual Integration

Mass:188.00 R.T:17.408 Area:332755 Conc:40.00000ppm
Event:1:Scan SI:97

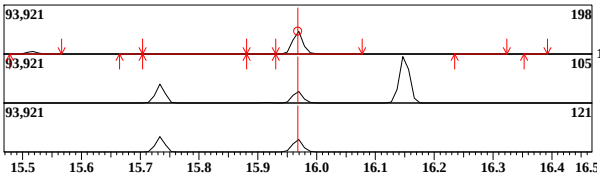
#	m/z	Area	Ratio	Reference
1	80.00	23255	13.57	15.93
2	187.00	15074	8.80	10.00
3	184.00	24487	14.29	14.11



ID#:74 Name:4,6-Dinitro-2-methylphenol Type:Target No Manual Integration

Mass:198.00 R.T:15.968 Area:55806 Conc:49.50674ppm
Event:2:SIM SI:86

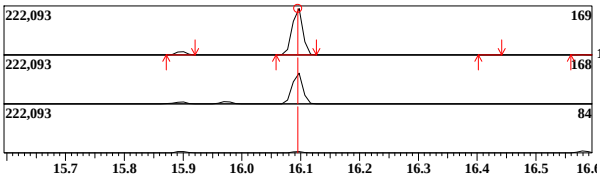
#	m/z	Area	Ratio	Reference
1	105.00	14905	51.96	55.83
2	121.00	15948	55.60	44.01



ID#:75 Name:N-NitrosodiphenylamineType:Target No Manual Integration

Mass:169.00 R.T:16.095 Area:269531 Conc:46.81953ppm
Event:1:Scan SI:98

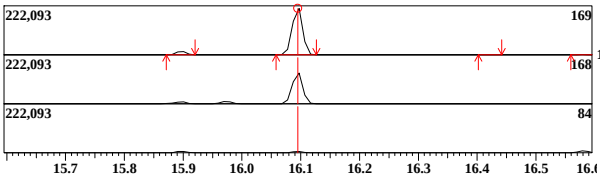
#	m/z	Area	Ratio	Reference
1	168.00	94074	66.26	64.38
2	84.00	4525	3.19	2.92



ID#:76 Name:Diphenylamine Type:Target No Manual Integration

Mass:169.00 R.T:16.095 Area:269531 Conc:46.81953ppm
Event:1:Scan SI:98

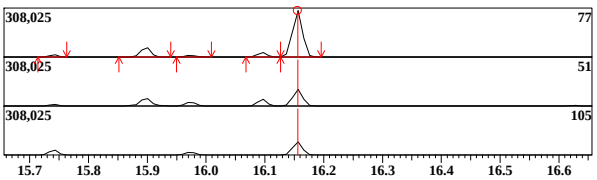
#	m/z	Area	Ratio	Reference
1	168.00	94074	66.26	64.38
2	84.00	4525	3.19	2.92



ID#:77 Name:1,2-Diphenylhydrazine Type:Target No Manual Integration

Mass:77.00 R.T:16.156 Area:354054 Conc:45.93362ppm
Event:1:Scan SI:96

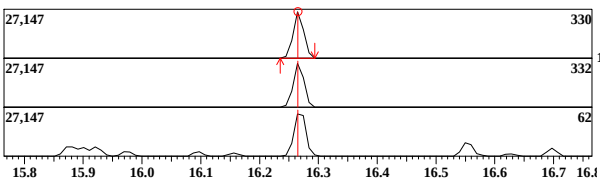
#	m/z	Area	Ratio	Reference
1	51.00	67573	35.76	21.73
2	105.00	52943	28.01	6.07



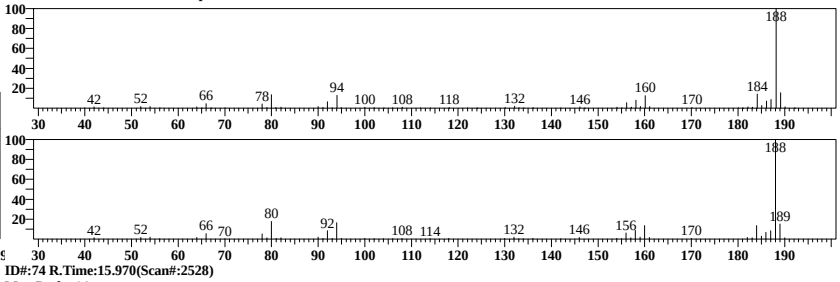
ID#:78 Name:2,4,6-Tribromophenol Type:Surrogate/SMC No Manual Integration

Mass:330.00 R.T:16.265 Area:33094 Conc:43.97377ppm
Event:1:Scan SI:71

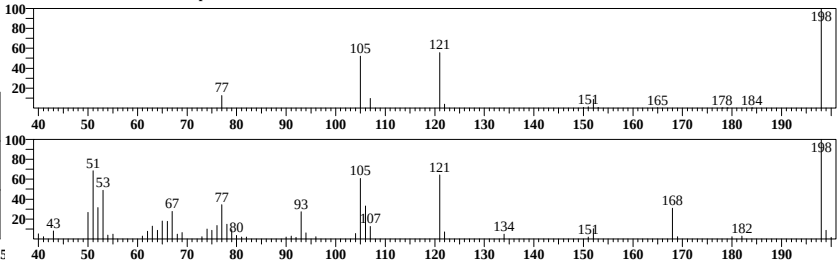
#	m/z	Area	Ratio	Reference
1	332.00	16659	96.52	100.00
2	62.00	17360	100.58	97.00



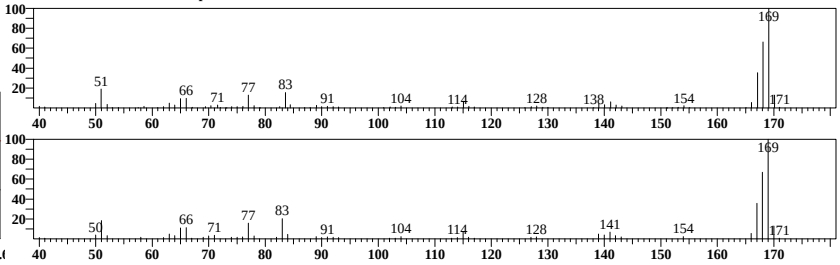
ID#:73 R.Time:17.405(Scan#:2819)
MassPeaks:61
RawMode:Averaged 17.395-17.415(2817-2821)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



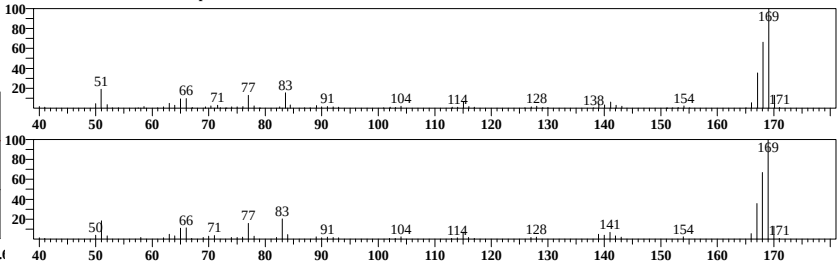
ID#:74 R.Time:15.970(Scan#:2528)
MassPeaks:14
RawMode:Averaged 15.960-15.979(2526-2530)
BG Mode:Calc. from Peak Group 1 - Event 2 SIM



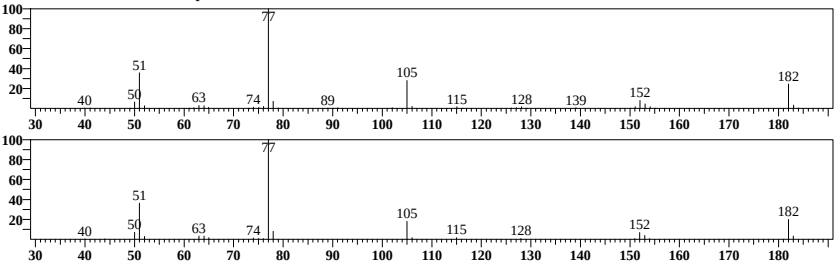
ID#:75 R.Time:16.097(Scan#:2553)
MassPeaks:69
RawMode:Averaged 16.087-16.107(2551-2555)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



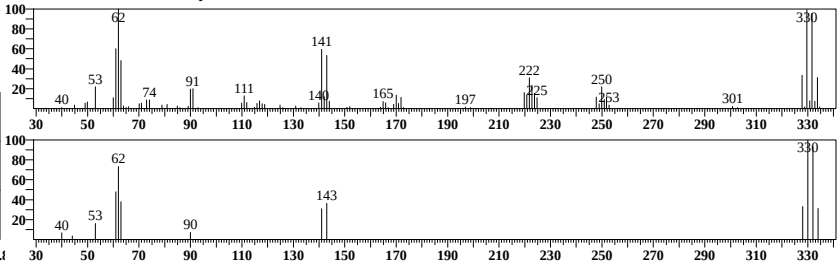
ID#:76 R.Time:16.097(Scan#:2553)
MassPeaks:69
RawMode:Averaged 16.087-16.107(2551-2555)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:77 R.Time:16.156(Scan#:2565)
MassPeaks:40
RawMode:Averaged 16.147-16.166(2563-2567)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



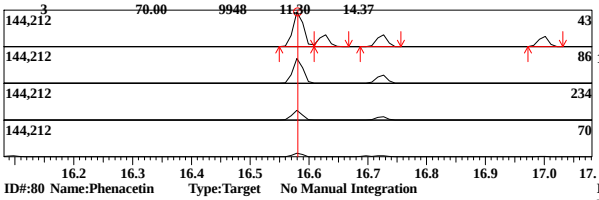
ID#:78 R.Time:16.265(Scan#:2587)
MassPeaks:76
RawMode:Averaged 16.255-16.274(2585-2589)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

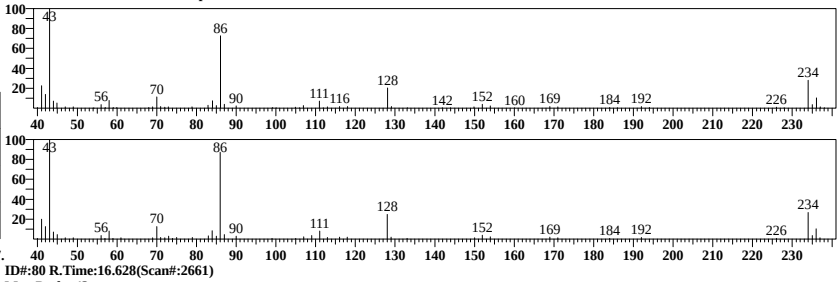


ID#:79 Name:(cis/trans)-Diallate Type:Target No Manual Integration

Mass:43.00 R.T:16.581 Area:177185 Conc:48.72048ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	86.00	63975	72.68	76.79
2	234.00	24752	28.12	26.39
3	70.00	9948	11.30	14.37



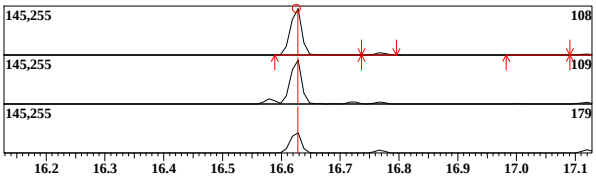


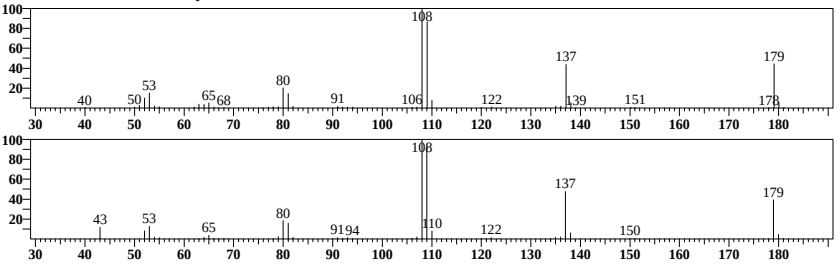
ID#:79 R.Time:16.579(Scan#:2651)
MassPeaks:59
RawMode:Averaged 16.569-16.589(2649-2653)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:80 Name:Phenacetin Type:Target No Manual Integration

Mass:108.00 R.T:16.626 Area:187805 Conc:49.70456ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	109.00	80749	86.52	83.01
2	179.00	41386	44.34	44.31



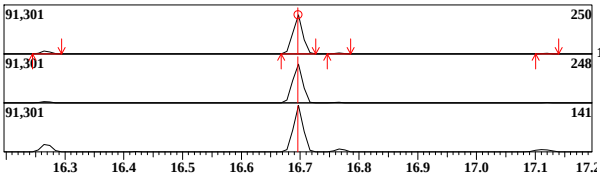


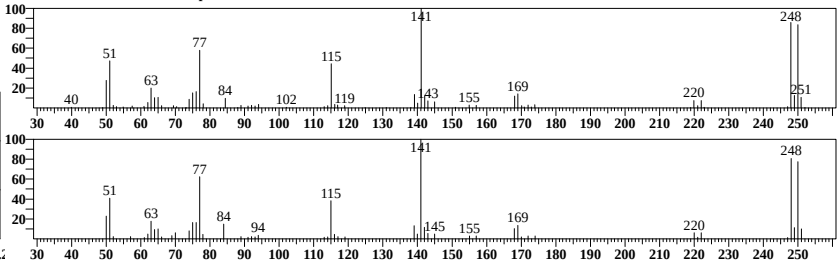
ID#:80 R.Time:16.628(Scan#:2661)
MassPeaks:43
RawMode:Averaged 16.619-16.638(2659-2663)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:81 Name:4-Bromophenyl phenyl ether Type:Target No Manual Integration

Mass:250.00 R.T:16.696 Area:86221 Conc:45.12673ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	248.00	47423	102.70	105.86
2	141.00	55254	119.66	137.00



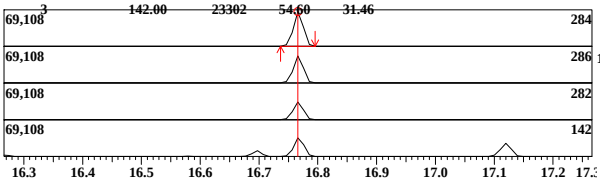


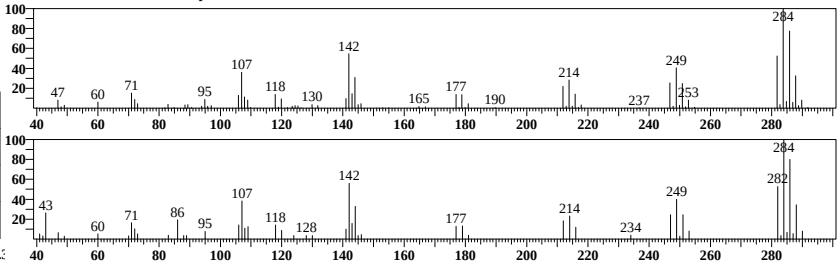
ID#:81 R.Time:16.697(Scan#:2675)
MassPeaks:66
RawMode:Averaged 16.687-16.707(2673-2677)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:82 Name:Hexachlorobenzene Type:Target No Manual Integration

Mass:284.00 R.T:16.767 Area:80063 Conc:45.97182ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	286.00	33087	77.53	79.72
2	282.00	22349	52.37	51.93
3	142.00	23302	54.60	31.46



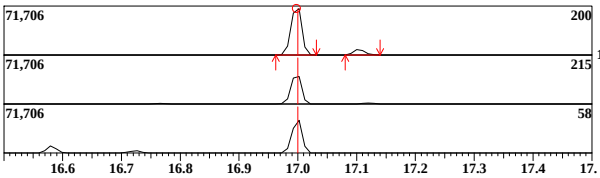


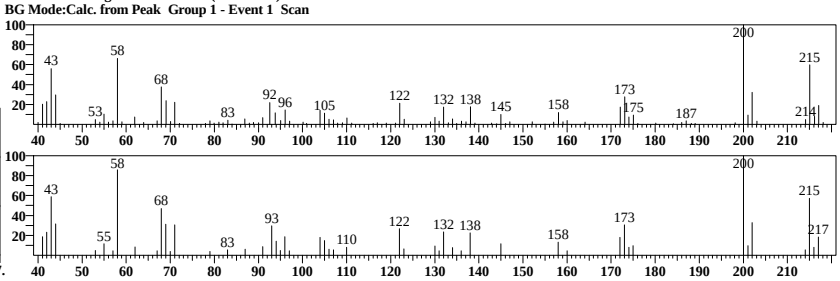
ID#:82 R.Time:16.766(Scan#:2689)
MassPeaks:75
RawMode:Averaged 16.756-16.776(2687-2691)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:83 Name:Atrazine Type:Target No Manual Integration

Mass:200.00 R.T:16.998 Area:92724 Conc:48.16124ppm
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	215.00	28419	59.95	59.43
2	58.00	31407	66.25	64.00



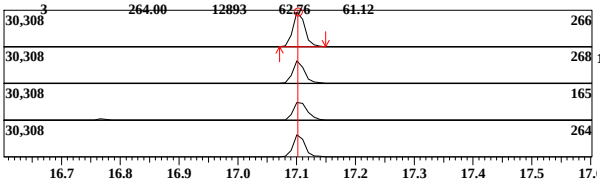


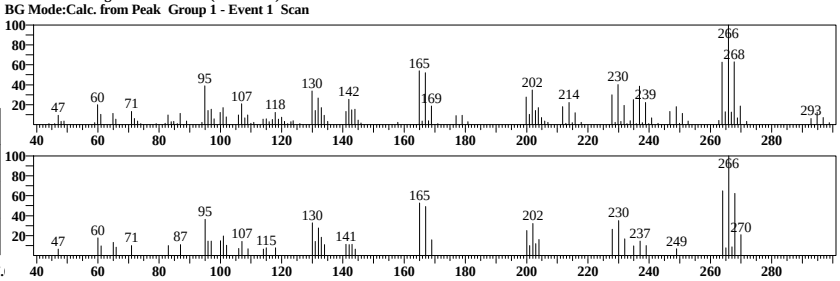
ID#:83 R.Time:17.002(Scan#:2737)
MassPeaks:98
RawMode:Averaged 16.992-17.012(2735-2739)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:84 Name:Pentachlorophenol Type:Target No Manual Integration

Mass:266.00 R.T:17.103 Area:41755 Conc:43.72305ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	268.00	12934	62.95	59.97
2	165.00	11115	54.10	41.42
3	264.00	12893	62.76	61.12



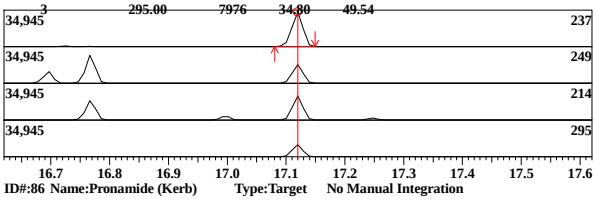


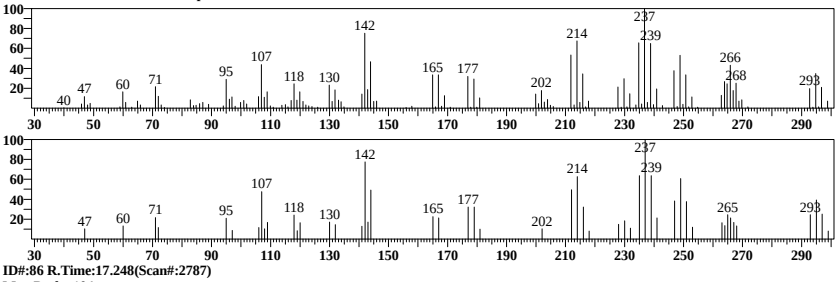
ID#:84 R.Time:17.100(Scan#:2757)
MassPeaks:117
RawMode:Averaged 17.090-17.110(2755-2759)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

ID#:85 Name:Pentachloronitrobenzene Type:Target No Manual Integration

Mass:237.00 R.T:17.120 Area:44581 Conc:49.02911ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	249.00	12178	53.13	68.26
2	214.00	15482	67.55	62.54
3	295.00	7976	34.80	49.54

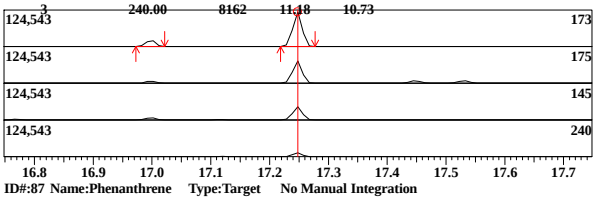


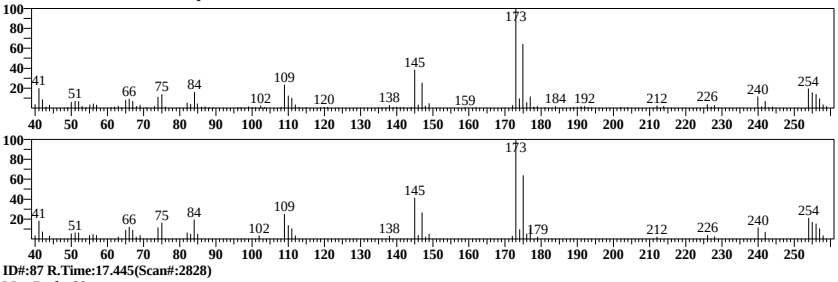


ID#:86 Name:Pronamide (Kerb) Type:Target No Manual Integration

Mass:173.00 R.T:17.247 Area:134498 Conc:47.76572ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	175.00	46817	64.12	60.85
2	145.00	28002	38.35	30.82
3	240.00	8162	11.18	10.73

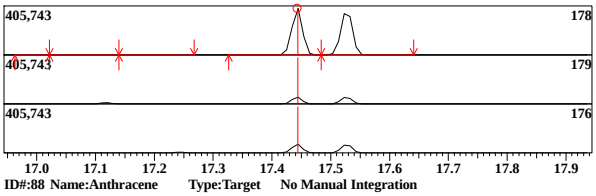


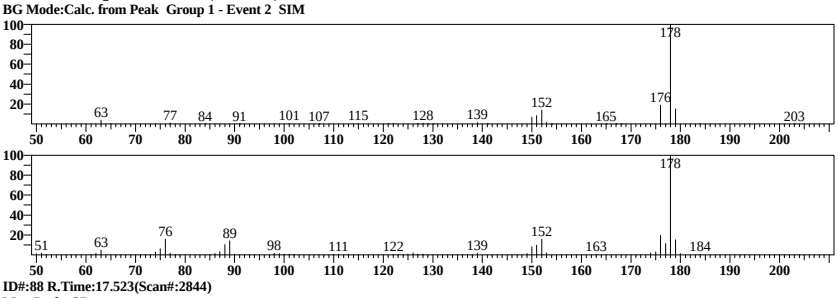


ID#:87 Name:Phenanthrene Type:Target No Manual Integration

Mass:178.00 R.T:17.443 Area:495240 Conc:44.75599ppm
Event:2:SIM SI:97

#	m/z	Area	Ratio	Reference
1	179.00	38878	15.03	15.63
2	176.00	49255	19.04	18.75

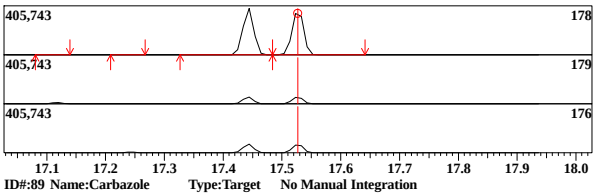


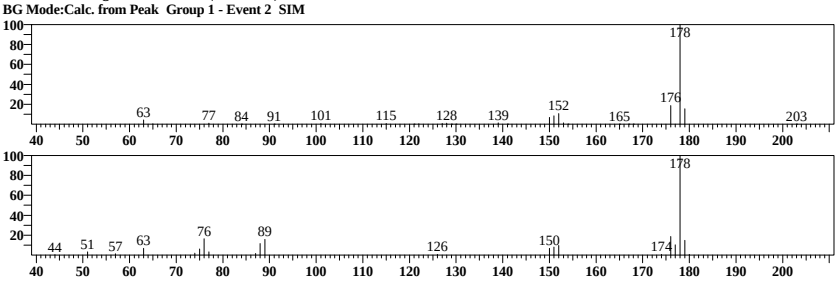


ID#:88 Name:Anthracene Type:Target No Manual Integration

Mass:178.00 R.T:17.527 Area:507320 Conc:44.00901ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	179.00	39722	15.43	12.08
2	176.00	48099	18.68	20.60

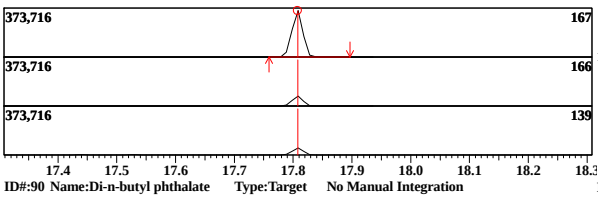


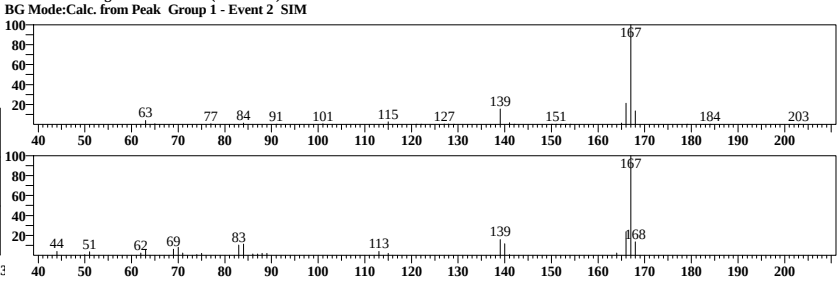


ID#:89 Name:Carbazole Type:Target No Manual Integration

Mass:167.00 R.T:17.807 Area:466857 Conc:45.50335ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	166.00	52001	21.37	20.96
2	139.00	37756	15.51	12.92

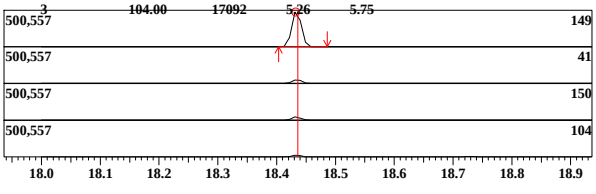


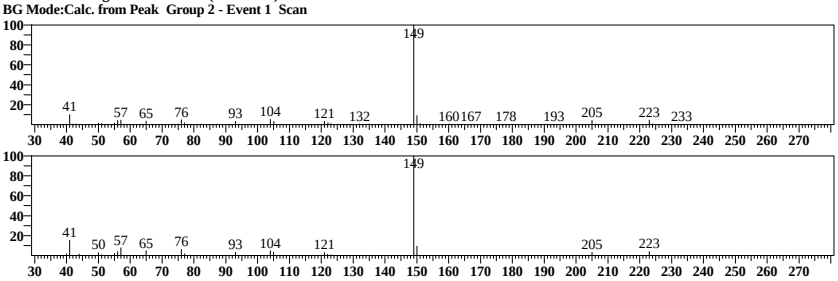


ID#:90 Name:Di-n-butyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:18.433 Area:579170 Conc:47.86721ppm
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	41.00	32628	10.03	10.41
2	150.00	29052	8.93	8.84
3	104.00	17092	5.26	5.75

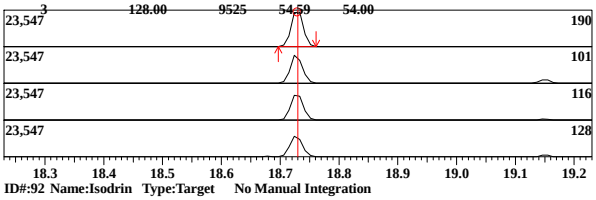




ID#:91 Name:4-Nitroquinoline-N-Oxide Type:Target No Manual Integration

Mass:190.00 R.T:18.729 Area:33897 Conc:41.43207ppm
Event:1:Scan SI:97

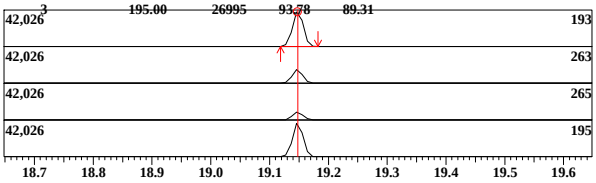
#	m/z	Area	Ratio	Reference
1	101.00	12825	73.50	71.00
2	116.00	12471	71.47	70.00
3	128.00	9525	54.59	54.00



ID#:92 Name:Isodrin Type:Target No Manual Integration

Mass:193.00 R.T:19.148 Area:52770 Conc:48.19076ppm
Event:1:Scan SI:94

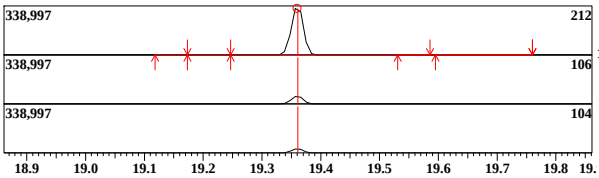
#	m/z	Area	Ratio	Reference
1	263.00	10850	37.69	42.74
2	265.00	6340	22.02	29.49
3	195.00	26995	93.78	89.31



ID#:93 Name:Fluoranthene-d10 Type:Target No Manual Integration

Mass:212.00 R.T:19.360 Area:490197 Conc:47.50080ppm
Event:2:SIM SI:96

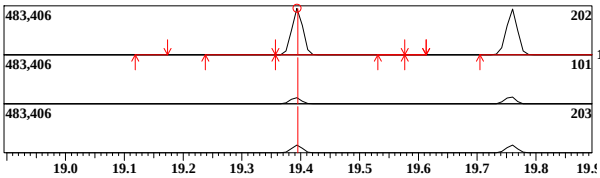
#	m/z	Area	Ratio	Reference
1	106.00	40995	16.21	22.08
2	104.00	22091	8.73	12.34



ID#:94 Name:Fluoranthene Type:Target No Manual Integration

Mass:202.00 R.T:19.394 Area:605835 Conc:44.59470ppm
Event:2:SIM SI:96

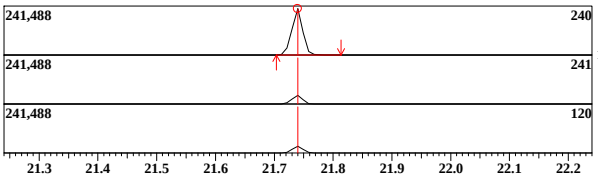
#	m/z	Area	Ratio	Reference
1	101.00	43754	13.22	14.12
2	203.00	55841	16.87	6.47



ID#:95 Name:Chrysene-d12 (IS) Type:ISTD No Manual Integration

Mass:240.00 R.T:21.739 Area:297711 Conc:40.00000ppm
Event:1:Scan SI:92

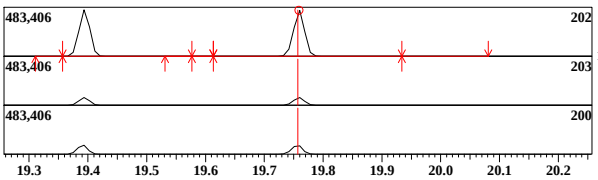
#	m/z	Area	Ratio	Reference
1	241.00	30430	19.26	19.13
2	120.00	24022	15.20	14.79



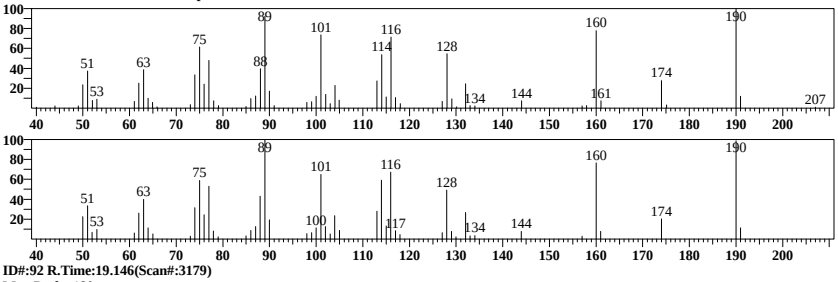
ID#:96 Name:Pyrene Type:Target No Manual Integration

Mass:202.00 R.T:19.759 Area:612823 Conc:43.82499ppm
Event:2:SIM SI:92

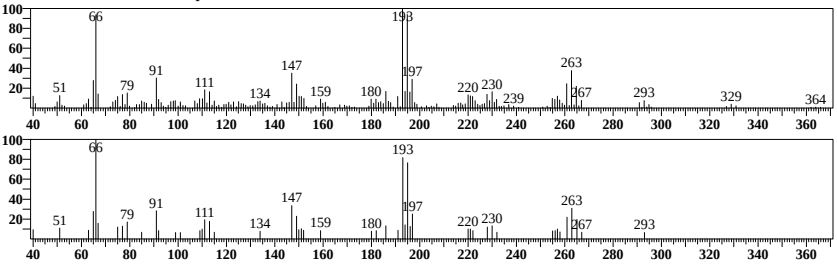
#	m/z	Area	Ratio	Reference
1	203.00	56041	17.09	18.13
2	200.00	62707	19.13	4.68



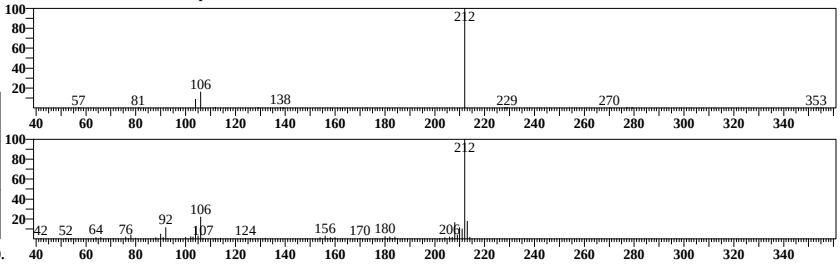
ID#:91 R.Time:18.733(Scan#:3089)
MassPeaks:58
RawMode:Averaged 18.724-18.743(3087-3091)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



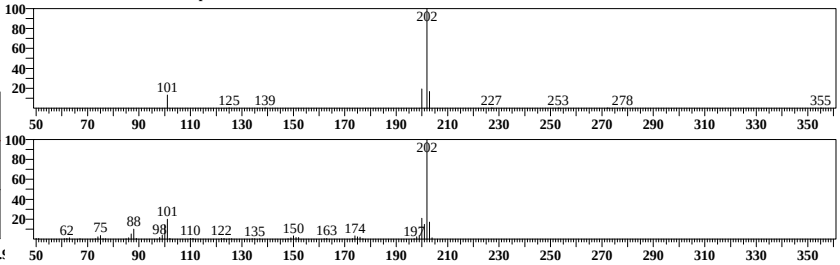
ID#:92 R.Time:19.146(Scan#:3179)
MassPeaks:180
RawMode:Averaged 19.137-19.155(3177-3181)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



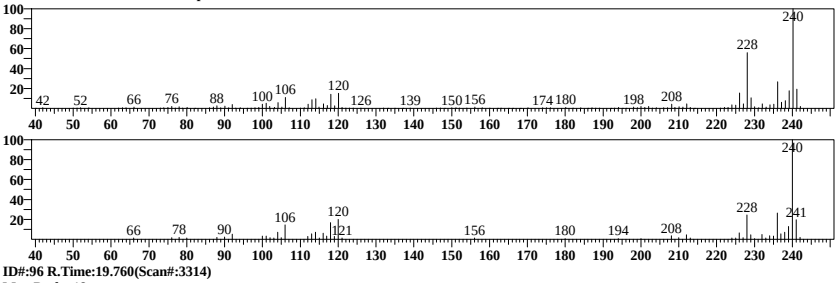
ID#:93 R.Time:19.357(Scan#:3226)
MassPeaks:16
RawMode:Averaged 19.348-19.366(3224-3228)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



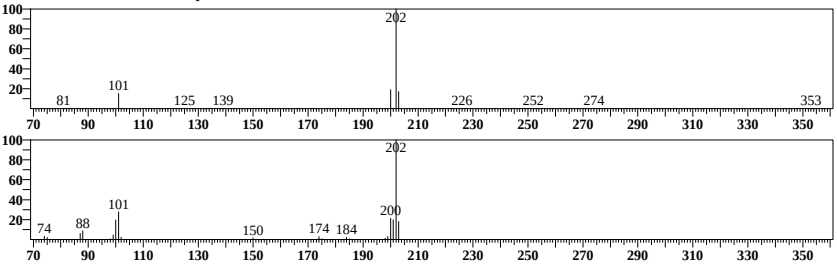
ID#:94 R.Time:19.393(Scan#:3234)
MassPeaks:11
RawMode:Averaged 19.384-19.403(3232-3236)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



ID#:95 R.Time:21.740(Scan#:3745)
MassPeaks:130
RawMode:Averaged 21.731-21.749(3743-3747)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



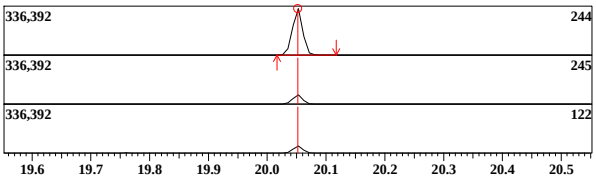
ID#:96 R.Time:19.760(Scan#:3314)
MassPeaks:18
RawMode:Averaged 19.751-19.769(3312-3316)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



ID#:97 Name:p-Terphenyl-d14Type:Surrogate/SMC No Manual Integration

Mass:244.00 R.T:20.052 Area:400947 Conc:45.25149ppm
Event:1:Scan SI:81

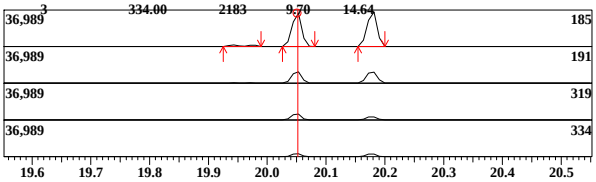
#	m/z	Area	Ratio	Reference
1	245.00	42985	19.59	19.16
2	122.00	33530	15.28	13.22



ID#:98 Name:Aramite A Type:Target No Manual Integration

Mass:185.00 R.T:20.051 Area:40193 Conc:22.08068ppm
Event:1:Scan SI:44

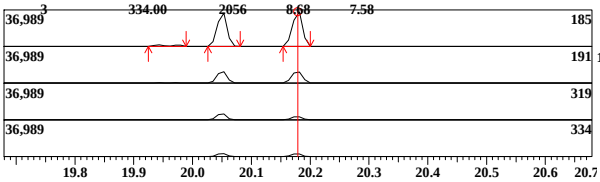
#	m/z	Area	Ratio	Reference
1	191.00	8071	35.87	44.95
2	319.00	4155	18.47	34.11
3	334.00	2183	9.70	14.64



ID#:99 Name:Aramite B Type:Target No Manual Integration

Mass:185.00 R.T:20.179 Area:42747 Conc:24.04644ppm
Event:1:Scan SI:97

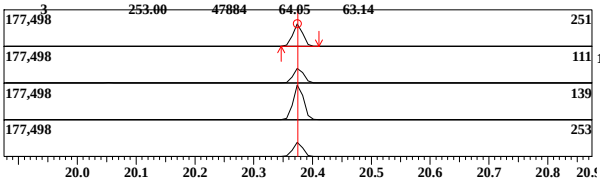
#	m/z	Area	Ratio	Reference
1	191.00	8267	34.90	42.53
2	319.00	2386	10.07	13.52
3	334.00	2056	8.68	7.58



ID#:100 Name:Chlorobenzilate Type:Target No Manual Integration

Mass:251.00 R.T:20.375 Area:132827 Conc:48.51149ppm
Event:1:Scan SI:99

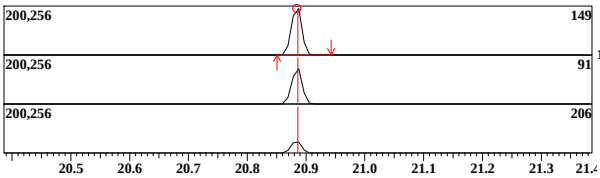
#	m/z	Area	Ratio	Reference
1	111.00	49913	66.77	55.84
2	139.00	118663	158.73	178.00
3	253.00	47884	64.05	63.14



ID#:101 Name:Butyl benzyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:20.884 Area:248973 Conc:46.96572ppm
Event:1:Scan SI:89

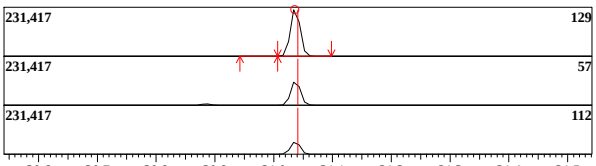
#	m/z	Area	Ratio	Reference
1	91.00	100693	74.73	92.95
2	206.00	33091	24.56	26.43



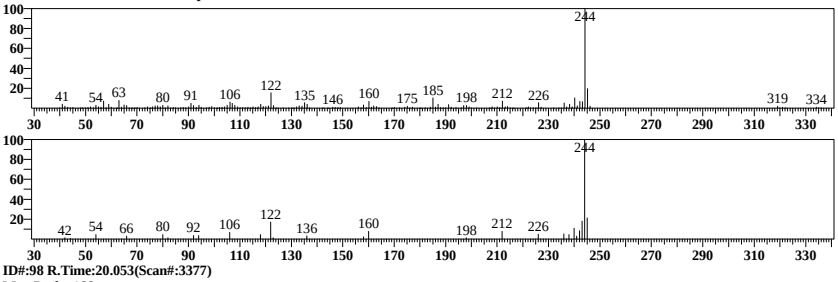
ID#:102 Name:Di(2-ethylhexyl) adipate Type:Target No Manual Integration

Mass:129.00 R.T:21.036 Area:269233 Conc:47.16614ppm
Event:1:Scan SI:97

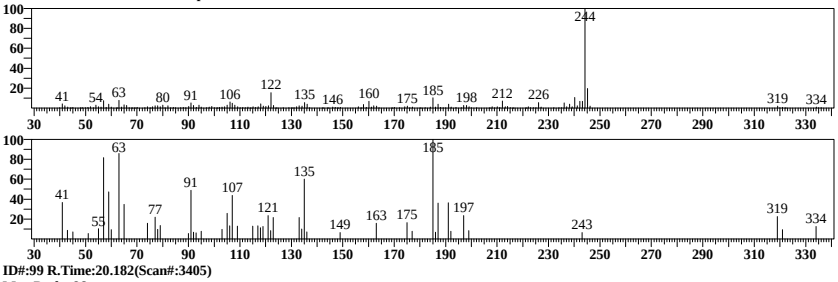
#	m/z	Area	Ratio	Reference
1	57.00	76560	50.63	40.00
2	112.00	39847	26.35	27.60



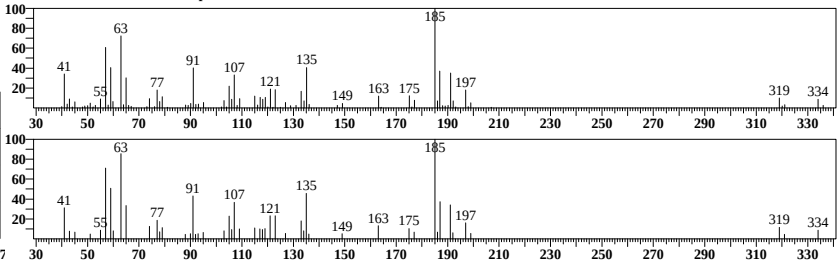
ID#:97 R.Time:20.053(Scan#:3377)
MassPeaks:166
RawMode:Averaged 20.044-20.063(3375-3379)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



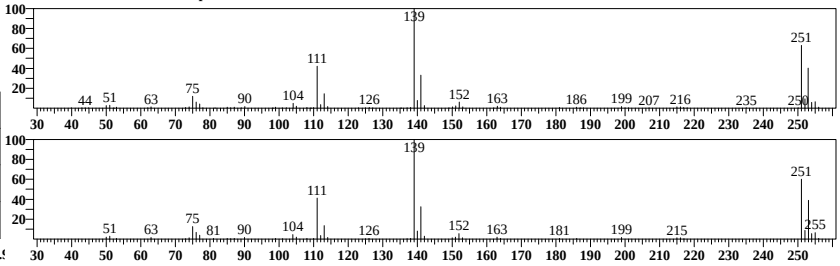
ID#:98 R.Time:20.053(Scan#:3377)
MassPeaks:166
RawMode:Averaged 20.044-20.063(3375-3379)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



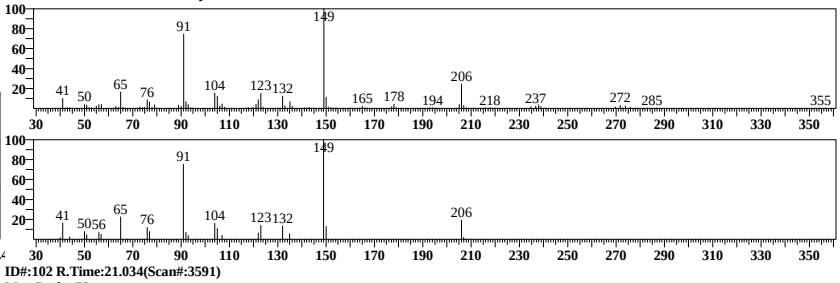
ID#:99 R.Time:20.182(Scan#:3405)
MassPeaks:86
RawMode:Averaged 20.172-20.191(3403-3407)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



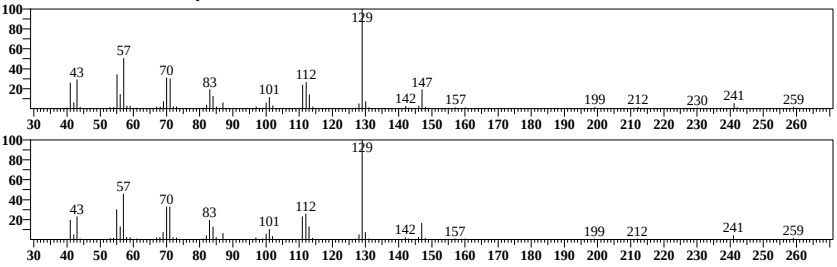
ID#:100 R.Time:20.374(Scan#:3447)
MassPeaks:74
RawMode:Averaged 20.365-20.383(3445-3449)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



ID#:101 R.Time:20.887(Scan#:3559)
MassPeaks:102
RawMode:Averaged 20.878-20.897(3557-3561)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



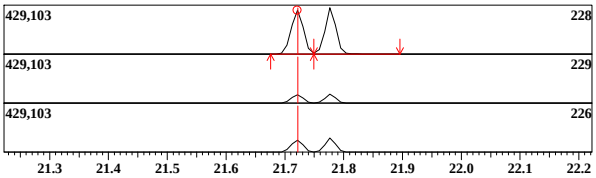
ID#:102 R.Time:21.034(Scan#:3591)
MassPeaks:76
RawMode:Averaged 21.025-21.043(3589-3593)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



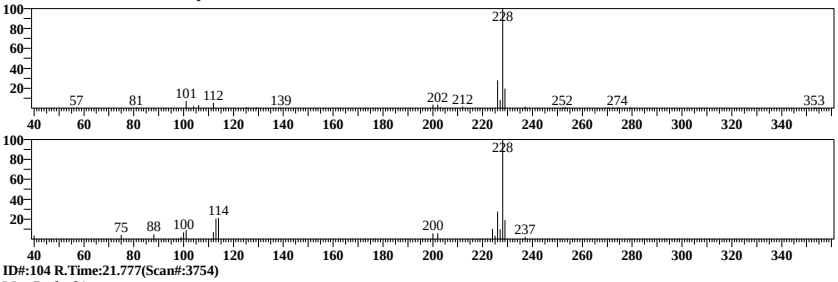
ID#:103 Name:Benzo[a]anthracene Type:Target No Manual Integration

Mass:228.00 R.T:21.721 Area:572921 Conc:45.64011ppm
Event:2:SIM SI:90

#	m/z	Area	Ratio	Reference
1	229.00	56285	19.31	27.13
2	226.00	80158	27.49	24.70



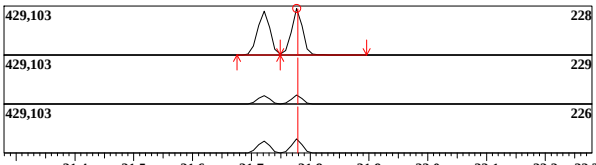
ID#:103 R.Time:21.722(Scan#:3742)
MassPeaks:27
RawMode:Averaged 21.712-21.731(3740-3744)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



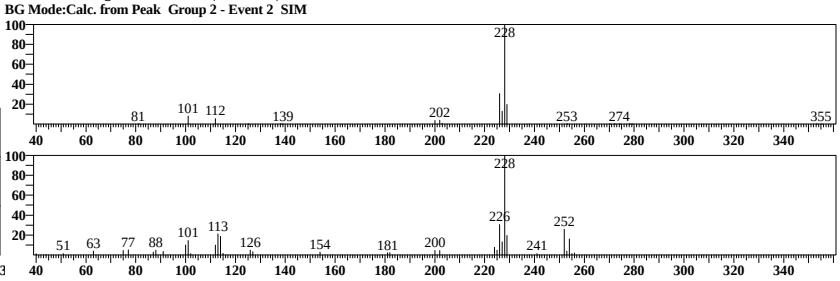
ID#:104 Name:Chrysene Type:Target No Manual Integration

Mass:228.00 R.T:21.777 Area:540328 Conc:42.94994ppm
Event:2:SIM SI:80

#	m/z	Area	Ratio	Reference
1	229.00	54826	19.49	27.13
2	226.00	86118	30.61	24.70



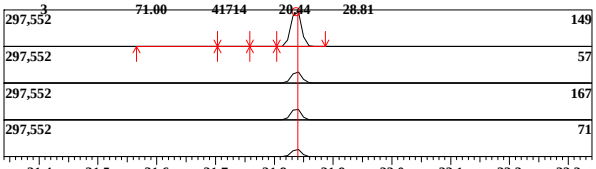
ID#:104 R.Time:21.777(Scan#:3754)
MassPeaks:21
RawMode:Averaged 21.767-21.786(3752-3756)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



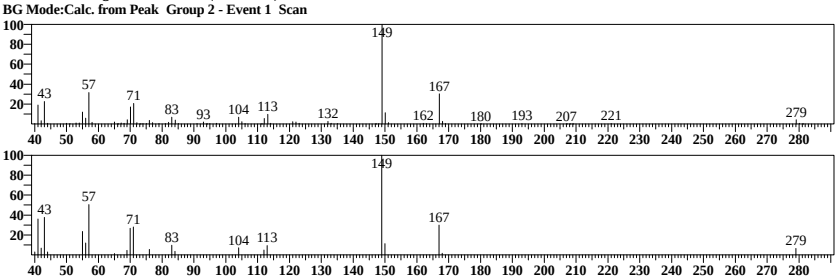
ID#:105 Name:Bis(2-Ethylhexyl) phthalate Type:Target No Manual Integration

Mass:149.00 R.T:21.837 Area:371830 Conc:47.80542ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	57.00	64450	31.58	45.69
2	167.00	61584	30.18	32.70
3	71.00	41714	20.44	28.81



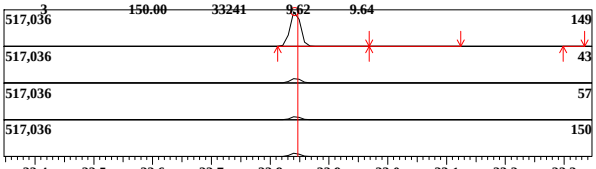
ID#:105 R.Time:21.841(Scan#:3767)
MassPeaks:69
RawMode:Averaged 21.832-21.850(3765-3769)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



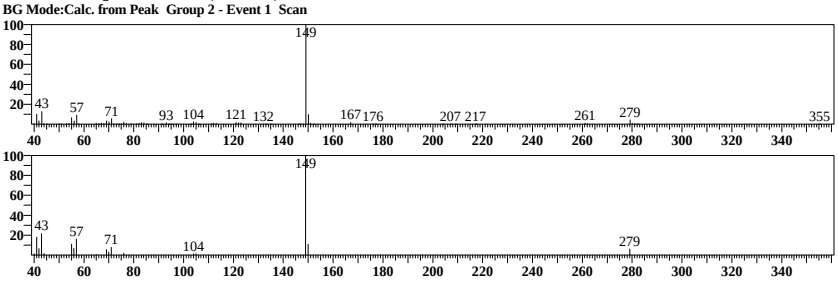
ID#:106 Name:Di-n-octyl phthalate Type:Target No Manual Integration

Mass:149.00 R.T:22.842 Area:622518 Conc:47.93503ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	43.00	43768	12.67	13.63
2	57.00	31517	9.12	13.85
3	150.00	33241	9.62	9.64



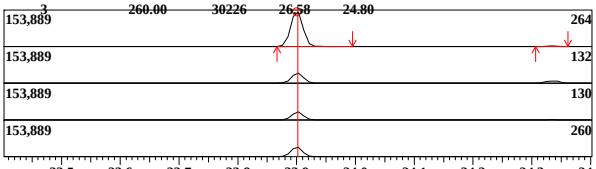
ID#:106 R.Time:22.840(Scan#:3985)
MassPeaks:72
RawMode:Averaged 22.831-22.849(3983-3987)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



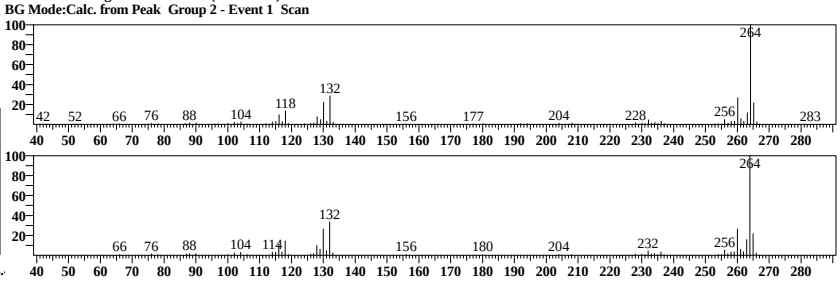
ID#:107 Name:Perylene-d12 (IS) Type:ISTD No Manual Integration

Mass:264.00 R.T:23.900 Area:224378 Conc:40.00000ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	132.00	32430	28.52	20.63
2	130.00	25387	22.32	16.36
3	260.00	30226	26.58	24.80



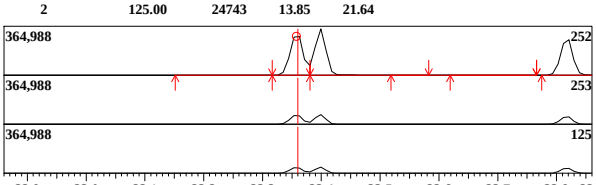
ID#:107 R.Time:23.903(Scan#:4217)
MassPeaks:85
RawMode:Averaged 23.894-23.913(4215-4219)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



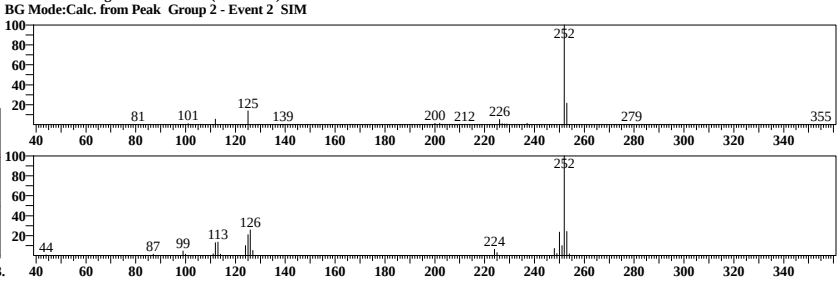
ID#:108 Name:Benzo[b]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.358 Area:503440 Conc:45.31367ppm
Event:2:SIM SI:81

#	m/z	Area	Ratio	Reference
1	253.00	38463	21.53	24.52
2	125.00	24743	13.85	21.64



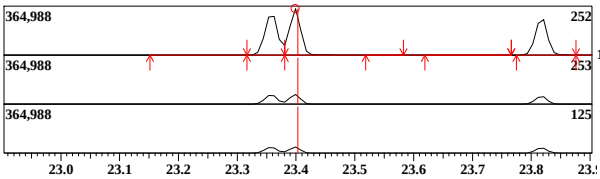
ID#:108 R.Time:23.363(Scan#:4100)
MassPeaks:26
RawMode:Averaged 23.353-23.372(4098-4102)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



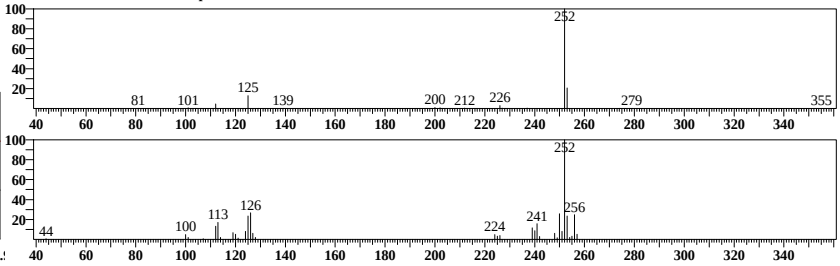
ID#:109 Name:Benzo[k]fluoranthene Type:Target No Manual Integration

Mass:252.00 R.T:23.399 Area:444793 Conc:42.01003ppm
Event:2:SIM SI:77

#	m/z	Area	Ratio	Reference
1	253.00	37137	20.72	24.52
2	125.00	23198	12.94	21.64



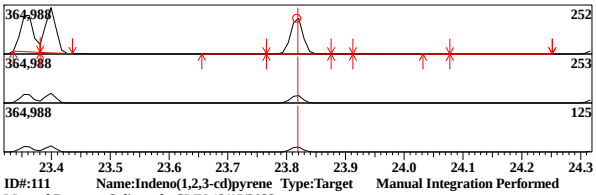
ID#:109 R.Time:23.399(Scan#:4108)
MassPeaks:25
RawMode:Averaged 23.390-23.408(4106-4110)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



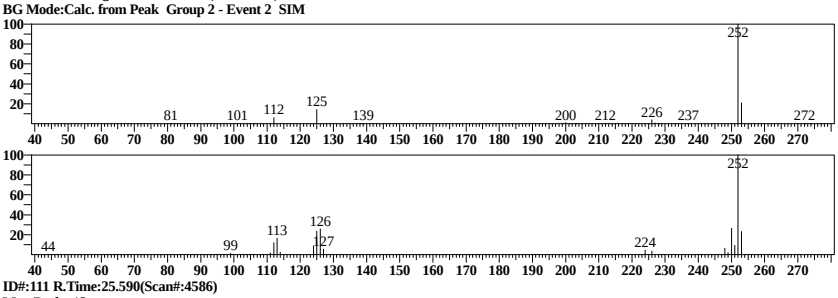
ID#:110 Name:Benzo[a]pyrene Type:Target No Manual Integration

Mass:252.00 R.T:23.817 Area:406335 Conc:46.78639ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	253.00	42442	20.91	24.52
2	125.00	28785	14.18	21.64



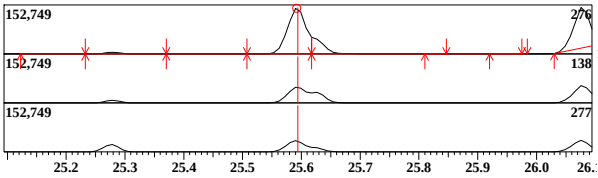
ID#:110 R.Time:23.821(Scan#:4200)
MassPeaks:20
RawMode:Averaged 23.812-23.830(4198-4202)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



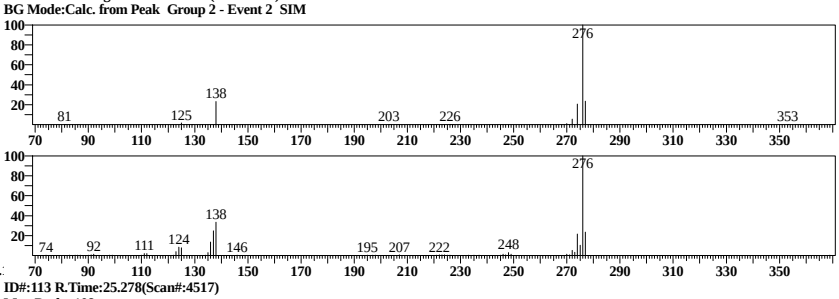
ID#:111 Name:Indeno(1,2,3-cd)pyrene Type:Target Manual Integration Performed
Manual Reason: Split peak. CMN 12/15/2022

Mass:276.00 R.T:25.592 Area:324378 Conc:48.52156ppm
Event:2:SIM SI:93

#	m/z	Area	Ratio	Reference
1	138.00	19946	23.04	6.67
2	277.00	20258	23.40	14.17



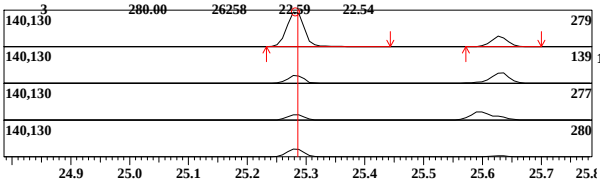
ID#:111 R.Time:25.590(Scan#:4586)
MassPeaks:13
RawMode:Averaged 25.581-25.599(4584-4588)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



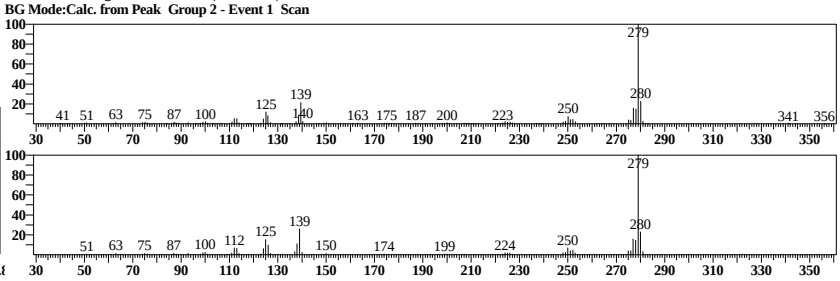
ID#:113 Name:Dibenz(a,j)Acridine Type:Target No Manual Integration

Mass:279.00 R.T:25.282 Area:279792 Conc:49.16793ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	139.00	24703	21.26	9.49
2	277.00	18163	15.63	15.01
3	280.00	26258	22.59	22.54



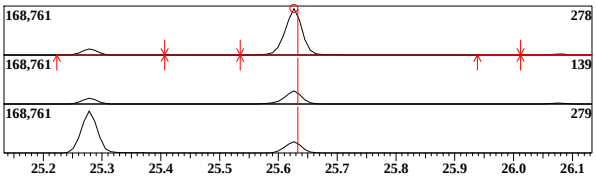
ID#:113 R.Time:25.278(Scan#:4517)
MassPeaks:108
RawMode:Averaged 25.269-25.288(4515-4519)
BG Mode:Calc. from Peak Group 2 - Event 1 Scan



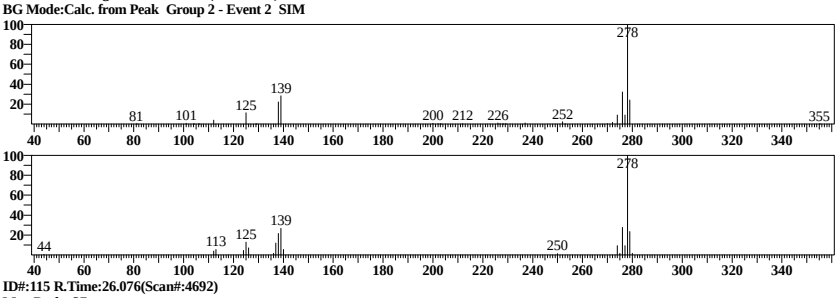
ID#:114 Name:Dibenzo[a,h]anthracene Type:Target No Manual Integration

Mass:278.00 R.T:25.626 Area:332733 Conc:47.33002ppm
Event:2:SIM SI:92

#	m/z	Area	Ratio	Reference
1	139.00	37969	28.15	7.75
2	279.00	32699	24.24	25.58



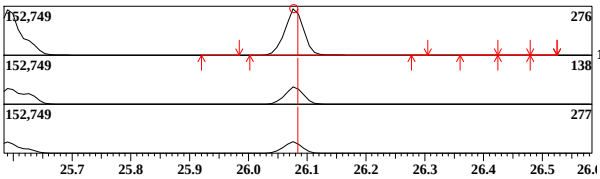
ID#:114 R.Time:25.627(Scan#:4594)
MassPeaks:28
RawMode:Averaged 25.618-25.636(4592-4596)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



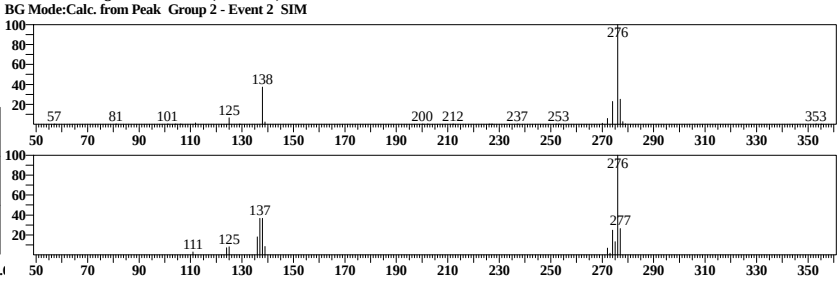
ID#:115 Name:Benzo[g,h,i]perylene Type:Target No Manual Integration

Mass:276.00 R.T:26.078 Area:326566 Conc:47.64575ppm
Event:2:SIM SI:91

#	m/z	Area	Ratio	Reference
1	138.00	46503	37.23	25.00
2	277.00	31227	25.00	21.09



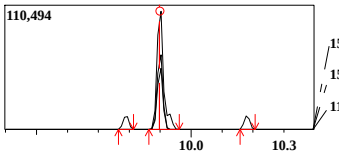
ID#:115 R.Time:26.076(Scan#:4692)
MassPeaks:27
RawMode:Averaged 26.067-26.085(4690-4694)
BG Mode:Calc. from Peak Group 2 - Event 2 SIM



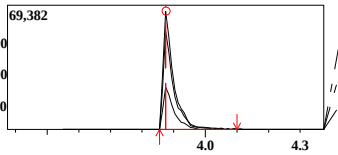
Before Manual Integrations

Analyst: CMN **Instr: J7H** **Trace Number: SVOC-BO45-F14-Y**
Method: 8270C/D/E/625.1 **Batch:**
Sample ID: A ENDCCV6 **Data File: C:\GCMSsolution\Data\221214H019.qgd**
Date: 12/14/2022 **Method File: C:\GCMSsolution\Data\8270.625.1-221130H-DOD.qgm**
Time: 20:08:12 **Sample Name: A ENDCCV6**
Dilution: 1

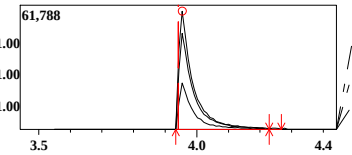
ID#:1 **Name:1,4-Dichlorobenzene-d4 (IS)**
Mass:150.00 **Type:ISTD**
R.T:9.899 **Area:160347** **Conc:40.00000ppm**



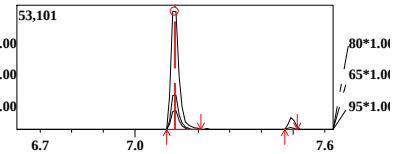
ID#:2 **Name:N-Nitrosodimethylamine**
Mass:74.00 **Type:Target**
R.T:3.877 **Area:154479** **Conc:49.68445ppm**



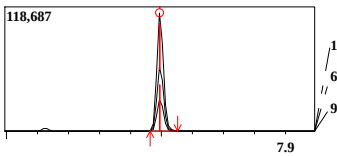
ID#:3 **Name:Pyridine**
Mass:79.00 **Type:Target**
R.T:3.954 **Area:185725** **Conc:43.30306ppm**



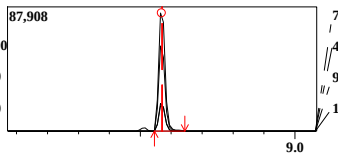
ID#:4 **Name:Methyl methanesulfonate**
Mass:80.00 **Type:Target**
R.T:7.124 **Area:91854** **Conc:42.96044ppm**



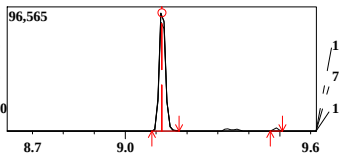
ID#:5 **Name:2-Fluorophenol**
Mass:112.00 **Type:Surrogate/SMC**
R.T:7.495 **Area:169700** **Conc:44.59930ppm**



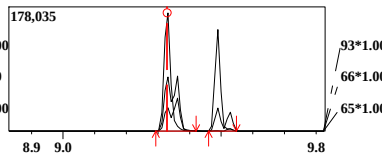
ID#:6 **Name:Ethyl methanesulfonate**
Mass:79.00 **Type:Target**
R.T:8.569 **Area:124887** **Conc:43.24224ppm**



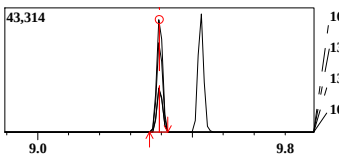
ID#:7 **Name:Benzaldehyde**
Mass:106.00 **Type:Target**
R.T:9.119 **Area:137207** **Conc:42.85687ppm**



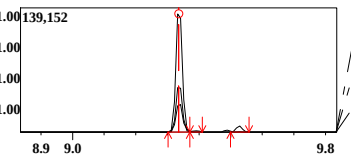
ID#:8 **Name:Aniline**
Mass:93.00 **Type:Target**
R.T:9.329 **Area:252291** **Conc:41.79137ppm**



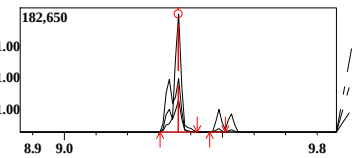
ID#:9 **Name:Pentachloroethane**
Mass:167.00 **Type:Target**
R.T:9.394 **Area:54472** **Conc:46.16578ppm**



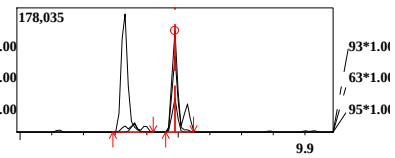
ID#:10 **Name:Phenol-d6**
Mass:99.00 **Type:Surrogate/SMC**
R.T:9.336 **Area:199132** **Conc:43.66124ppm**



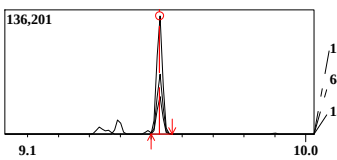
ID#:11 **Name:Phenol**
Mass:94.00 **Type:Target**
R.T:9.360 **Area:247015** **Conc:43.63266ppm**



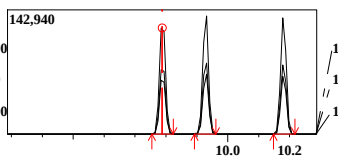
ID#:12 **Name:bis(2-Chloroethyl)Ether**
Mass:93.00 **Type:Target**
R.T:9.488 **Area:178430** **Conc:42.20713ppm**



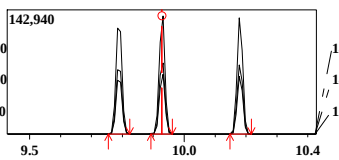
ID#:13 **Name:2-Chlorophenol**
Mass:128.00 **Type:Target**
R.T:9.527 **Area:171960** **Conc:42.88474ppm**



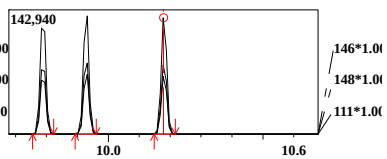
ID#:14 **Name:1,3-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.789 **Area:179447** **Conc:43.72107ppm**



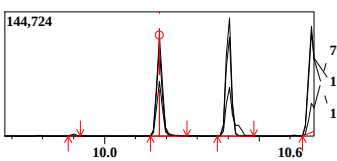
ID#:15 **Name:1,4-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:9.929 **Area:179769** **Conc:42.82649ppm**



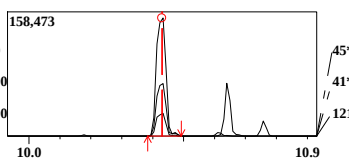
ID#:16 **Name:1,2-Dichlorobenzene**
Mass:146.00 **Type:Target**
R.T:10.179 **Area:175924** **Conc:43.50947ppm**



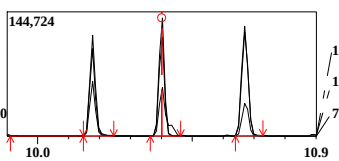
ID#:17 **Name:Benzyl Alcohol**
Mass:79.00 **Type:Target**
R.T:10.178 **Area:153062** **Conc:43.44447ppm**



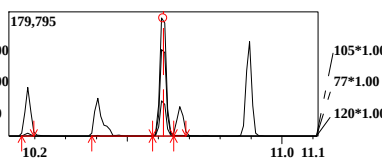
ID#:18 **Name:bis(2-Chloroisopropyl) Ether**
Mass:45.00 **Type:Target**
R.T:10.429 **Area:323285** **Conc:44.16917ppm**



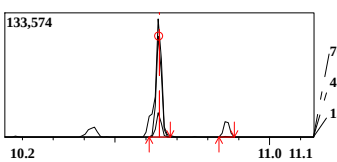
ID#:19 **Name:2-Methylphenol (o-Cresol)**
Mass:108.00 **Type:Target**
R.T:10.402 **Area:172825** **Conc:43.24959ppm**



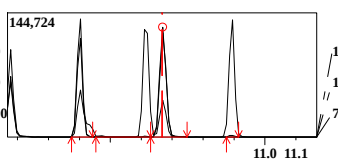
ID#:20 **Name:Acetophenone**
Mass:105.00 **Type:Target**
R.T:10.615 **Area:252297** **Conc:42.93242ppm**



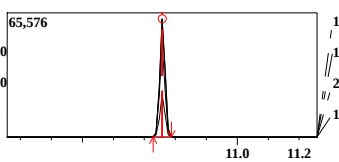
ID#:21 **Name:N-Nitrosodi-n-propylamine**
Mass:70.00 **Type:Target**
R.T:10.641 **Area:131668** **Conc:43.58474ppm**



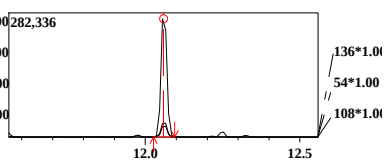
ID#:22 **Name:3+4-Methylphenol(m&p-Cresol)**
Mass:107.00 **Type:Target**
R.T:10.669 **Area:189884** **Conc:44.28707ppm**



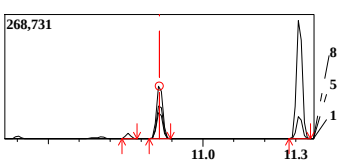
ID#:23 **Name:Hexachloroethane**
Mass:117.00 **Type:Target**
R.T:10.758 **Area:77233** **Conc:43.63443ppm**



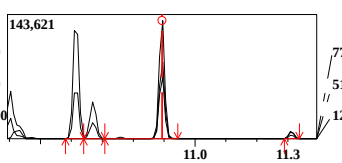
ID#:24 **Name:Naphthalene-d8 (IS)**
Mass:136.00 **Type:ISTD**
R.T:12.060 **Area:375491** **Conc:40.00000ppm**



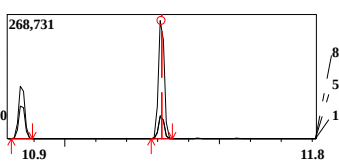
ID#:25 **Name:Nitrobenzene-d5**
Mass:82.00 **Type:Surrogate/SMC**
R.T:10.860 **Area:164885** **Conc:47.18387ppm**



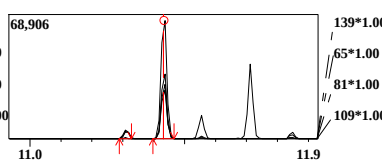
ID#:26 **Name:Nitrobenzene**
Mass:77.00 **Type:Target**
R.T:10.894 **Area:176608** **Conc:48.06870ppm**



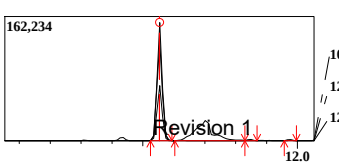
ID#:27 **Name:Isophorone**
Mass:82.00 **Type:Target**
R.T:11.312 **Area:342763** **Conc:47.36847ppm**



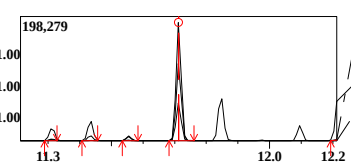
ID#:28 **Name:2-Nitrophenol**
Mass:139.00 **Type:Target**
R.T:11.433 **Area:88890** **Conc:49.35533ppm**



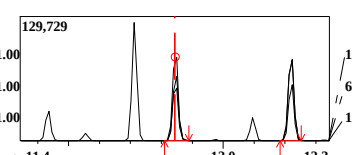
ID#:29 **Name:2,4-Dimethylphenol**
Mass:107.00 **Type:Target**
R.T:11.554 **Area:180583** **Conc:45.93548ppm**



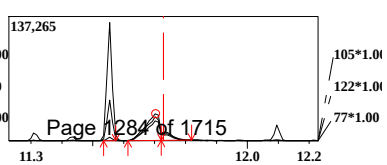
ID#:30 **Name:Bis(2-Chloroethoxy)methane**
Mass:93.00 **Type:Target**
R.T:11.712 **Area:214239** **Conc:46.65839ppm**



ID#:31 **Name:2,4-Dichlorophenol**
Mass:162.00 **Type:Target**
R.T:11.846 **Area:119940** **Conc:48.77248ppm**

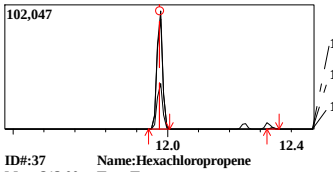


ID#:32 **Name:Benzoic Acid**
Mass:105.00 **Type:Target**
R.T:11.704 **Area:95572** **Conc:40.19605ppm**



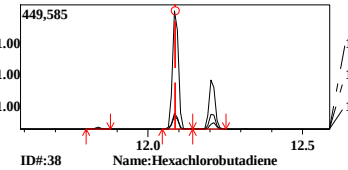
ID#:33 Name:1,2,4-Trichlorobenzene
Mass:180.00 Type:Target

R.T:11.975 Area:124291 Conc:47.74863ppm



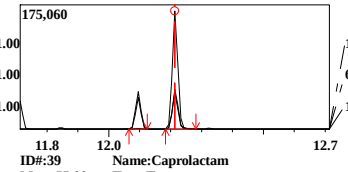
ID#:34 Name:Naphthalene
Mass:128.00 Type:Target

R.T:12.088 Area:576449 Conc:44.85911ppm



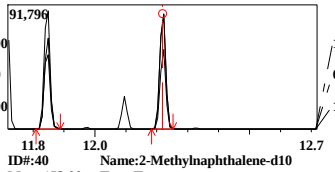
ID#:35 Name:4-Chloroaniline
Mass:127.00 Type:Target

R.T:12.214 Area:211123 Conc:46.76266ppm



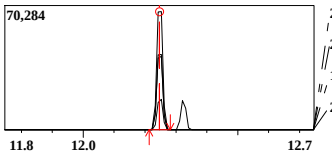
ID#:36 Name:2,6-Dichlorophenol
Mass:162.00 Type:Target

R.T:12.220 Area:115953 Conc:47.94603ppm



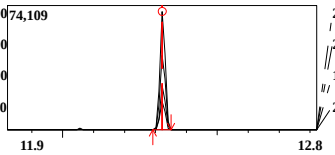
ID#:37 Name:Hexachloropropene
Mass:213.00 Type:Target

R.T:12.248 Area:95654 Conc:50.19921ppm



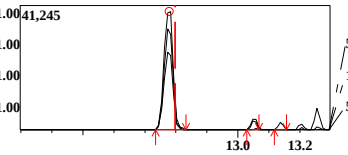
ID#:38 Name:Hexachlorobutadiene
Mass:225.00 Type:Target

R.T:12.323 Area:85920 Conc:48.06782ppm



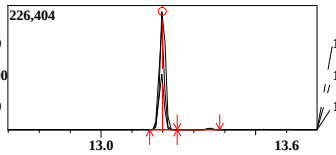
ID#:39 Name:Caprolactam
Mass:55.00 Type:Target

R.T:12.779 Area:81899 Conc:48.28762ppm



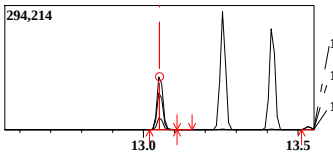
ID#:40 Name:2-Methylnaphthalene-d10
Mass:152.00 Type:Target

R.T:13.198 Area:277056 Conc:46.41136ppm



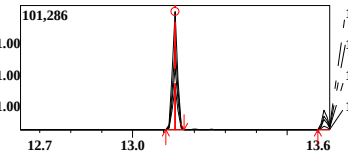
ID#:41 Name:4-Chloro-3-methylphenol
Mass:107.00 Type:Target

R.T:13.052 Area:174404 Conc:48.60991ppm



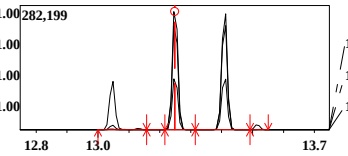
ID#:42 Name:Safrole
Mass:162.00 Type:Target

R.T:13.137 Area:111480 Conc:46.43590ppm



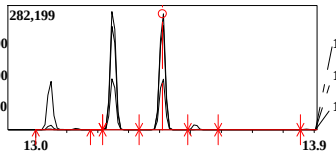
ID#:43 Name:2-Methylnaphthalene
Mass:142.00 Type:Target

R.T:13.249 Area:361476 Conc:44.14315ppm



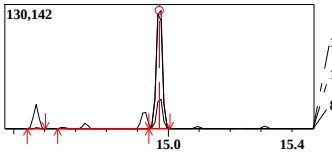
ID#:44 Name:1-Methylnaphthalene
Mass:142.00 Type:Target

R.T:13.410 Area:348269 Conc:44.83817ppm



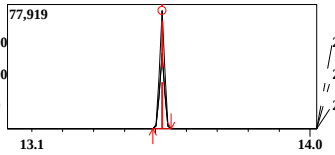
ID#:45 Name:Acenaphthene-d10 (IS)
Mass:164.00 Type:ISTD

R.T:14.972 Area:181722 Conc:40.00000ppm



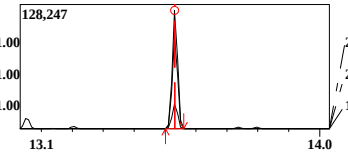
ID#:46 Name:Hexachlorocyclopentadiene
Mass:237.00 Type:Target

R.T:13.521 Area:86540 Conc:43.29301ppm



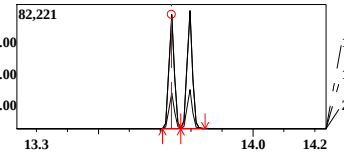
ID#:47 Name:1,2,4,5-Tetrachlorobenzene
Mass:216.00 Type:Target

R.T:13.532 Area:150126 Conc:46.39598ppm



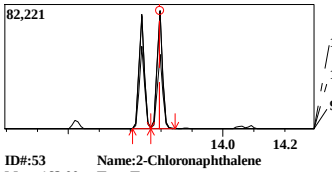
ID#:48 Name:2,4,6-Trichlorophenol
Mass:196.00 Type:Target

R.T:13.737 Area:92497 Conc:48.34165ppm



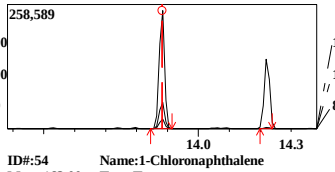
ID#:49 Name:2,4,5-Trichlorophenol
Mass:196.00 Type:Target

R.T:13.796 Area:96848 Conc:46.44647ppm



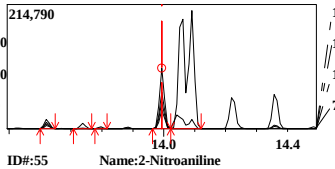
ID#:50 Name:2-Fluorobiphenyl
Mass:172.00 Type:Surrogate/SMC

R.T:13.882 Area:303344 Conc:46.03566ppm



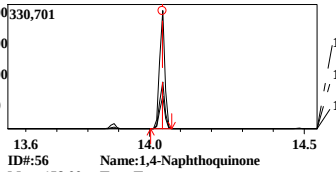
ID#:51 Name:Isosafrole
Mass:162.00 Type:Target

R.T:13.993 Area:119440 Conc:46.17150ppm



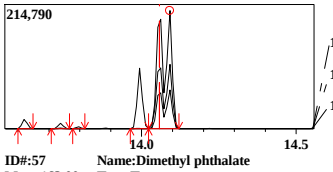
ID#:52 Name:1,1'-Biphenyl
Mass:154.00 Type:Target

R.T:14.041 Area:370545 Conc:45.19392ppm



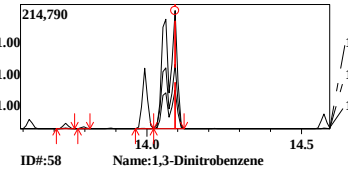
ID#:53 Name:2-Chloronaphthalene
Mass:162.00 Type:Target

R.T:14.090 Area:519180 Conc:81.62322ppm



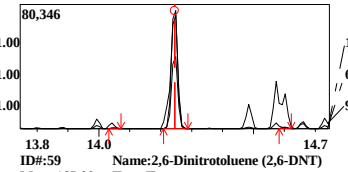
ID#:54 Name:1-Chloronaphthalene
Mass:162.00 Type:Target

R.T:14.090 Area:519180 Conc:104.27663ppm



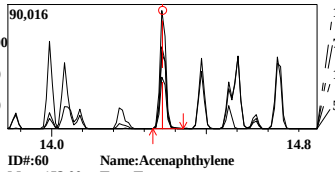
ID#:55 Name:2-Nitroaniline
Mass:138.00 Type:Target

R.T:14.244 Area:111116 Conc:48.53113ppm



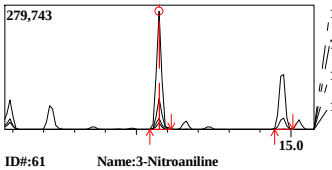
ID#:56 Name:1,4-Naphthoquinone
Mass:158.00 Type:Target

R.T:14.359 Area:117423 Conc:46.40475ppm



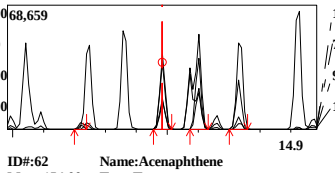
ID#:57 Name:Dimethyl phthalate
Mass:163.00 Type:Target

R.T:14.573 Area:305563 Conc:46.12961ppm



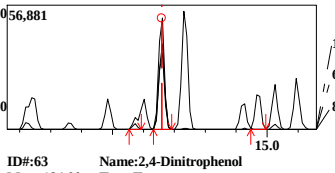
ID#:58 Name:1,3-Dinitrobenzene
Mass:168.00 Type:Target

R.T:14.484 Area:45520 Conc:45.64524ppm



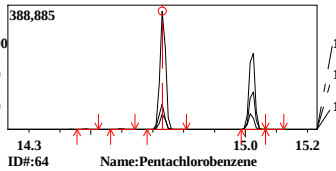
ID#:59 Name:2,6-Dinitrotoluene (2,6-DNT)
Mass:165.00 Type:Target

R.T:14.659 Area:67458 Conc:47.49647ppm



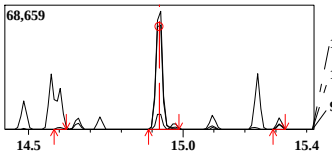
ID#:60 Name:Acenaphthylene
Mass:152.00 Type:Target

R.T:14.732 Area:485260 Conc:43.66613ppm



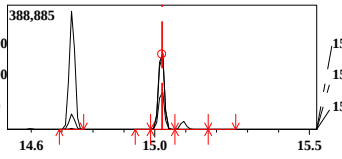
ID#:61 Name:3-Nitroaniline
Mass:138.00 Type:Target

R.T:14.922 Area:89497 Conc:46.96315ppm



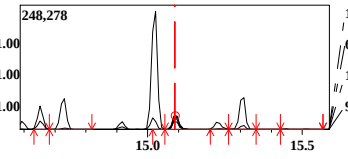
ID#:62 Name:Acenaphthene
Mass:154.00 Type:Target

R.T:15.022 Area:318497 Conc:43.18924ppm



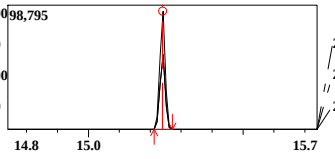
ID#:63 Name:2,4-Dinitrophenol
Mass:184.00 Type:Target

R.T:15.089 Area:43903 Conc:51.35173ppm



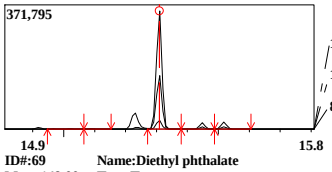
ID#:64 Name:Pentachlorobenzene
Mass:250.00 Type:Target

R.T:15.240 Area:115833 Conc:46.31195ppm



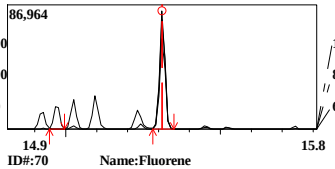
ID#:65 Name:Dibenzofuran
Mass:168.00 Type:Target

R.T:15.309 Area:446545 Conc:44.92969ppm



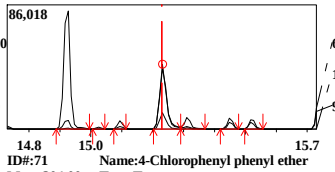
ID#:66 Name:2,4-Dinitrotoluene (2,4-DNT)
Mass:165.00 Type:Target

R.T:15.312 Area:100670 Conc:49.12982ppm



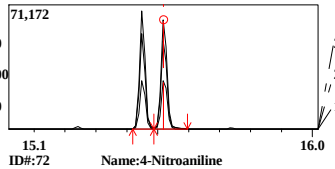
ID#:67 Name:4-Nitrophenol
Mass:65.00 Type:Target

R.T:15.232 Area:70008 Conc:46.96717ppm



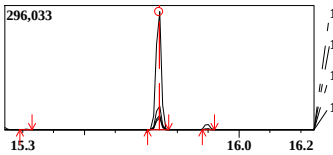
ID#:68 Name:2,3,4,6-Tetrachlorophenol
Mass:232.00 Type:Target

R.T:15.519 Area:85947 Conc:48.74632ppm



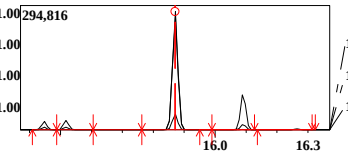
ID#:69 Name:Diethyl phthalate
Mass:149.00 Type:Target

R.T:15.741 Area:343802 Conc:47.64878ppm



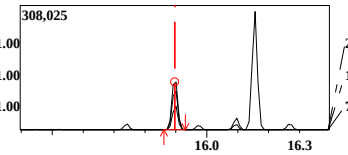
ID#:70 Name:Fluorene
Mass:166.00 Type:Target

R.T:15.871 Area:351756 Conc:43.86542ppm



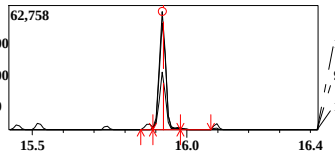
ID#:71 Name:4-Chlorophenyl phenyl ether
Mass:204.00 Type:Target

R.T:15.896 Area:166887 Conc:46.74893ppm



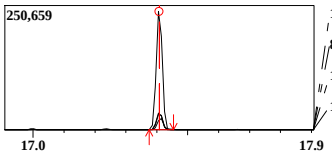
ID#:72 Name:4-Nitroaniline
Mass:138.00 Type:Target

R.T:15.921 Area:86116 Conc:48.54933ppm



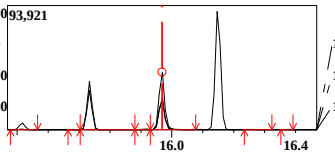
ID#:73 Name:Phenanthrene-d10 (IS)
Mass:188.00 Type:ISTD

R.T:17.408 Area:332755 Conc:40.00000ppm



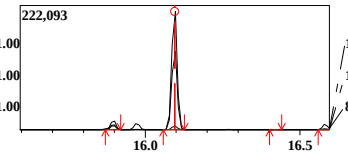
ID#:74 Name:4,6-Dinitro-2-methylphenol
Mass:198.00 Type:Target

R.T:15.968 Area:55806 Conc:49.50674ppm



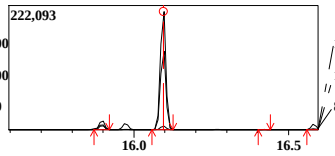
ID#:75 Name:N-Nitrosodiphenylamine
Mass:169.00 Type:Target

R.T:16.095 Area:269531 Conc:46.81953ppm



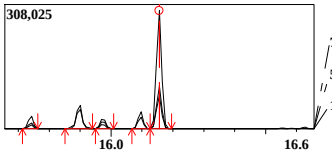
ID#:76 Name:Diphenylamine
Mass:169.00 Type:Target

R.T:16.095 Area:269531 Conc:46.81953ppm



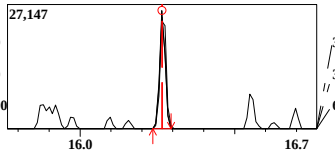
ID#:77 Name:1,2-Diphenylhydrazine
Mass:77.00 Type:Target

R.T:16.156 Area:354054 Conc:45.93362ppm



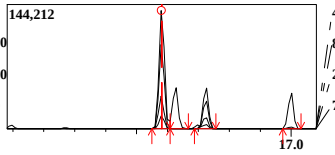
ID#:78 Name:2,4,6-Tribromophenol
Mass:330.00 Type:Surrogate/SMC

R.T:16.265 Area:33094 Conc:43.97377ppm



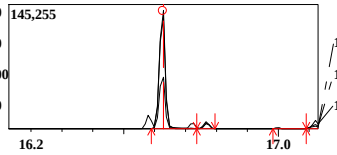
ID#:79 Name:(cis/trans)-Diallate
Mass:43.00 Type:Target

R.T:16.581 Area:177185 Conc:48.72048ppm



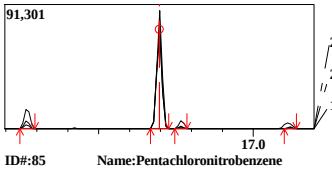
ID#:80 Name:Phenacetin
Mass:108.00 Type:Target

R.T:16.626 Area:187805 Conc:49.70456ppm



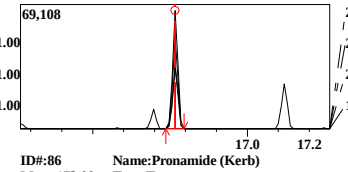
ID#:81 Name:4-Bromophenyl phenyl ether
Mass:250.00 Type:Target

R.T:16.696 Area:86221 Conc:45.12673ppm



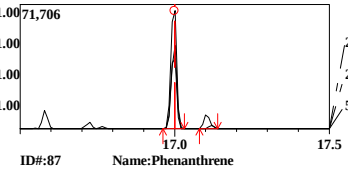
ID#:82 Name:Hexachlorobenzene
Mass:284.00 Type:Target

R.T:16.767 Area:80063 Conc:45.97182ppm



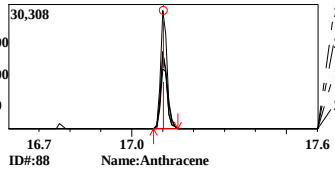
ID#:83 Name:Atrazine
Mass:200.00 Type:Target

R.T:16.998 Area:92724 Conc:48.16124ppm



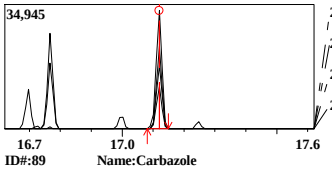
ID#:84 Name:Pentachlorophenol
Mass:266.00 Type:Target

R.T:17.103 Area:41755 Conc:43.72305ppm



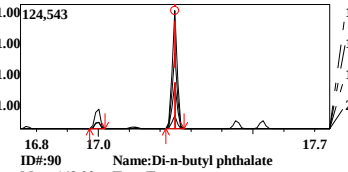
ID#:85 Name:Pentachloronitrobenzene
Mass:237.00 Type:Target

R.T:17.120 Area:44581 Conc:49.02911ppm



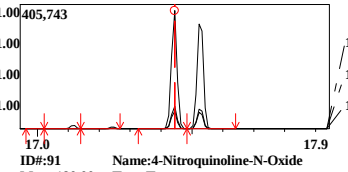
ID#:86 Name:Pronamide (Kerb)
Mass:173.00 Type:Target

R.T:17.247 Area:134498 Conc:47.76572ppm



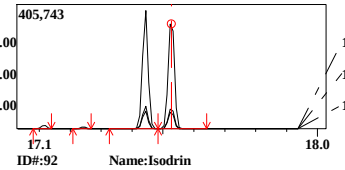
ID#:87 Name:Phenanthrene
Mass:178.00 Type:Target

R.T:17.443 Area:495240 Conc:44.75599ppm



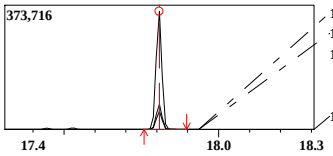
ID#:88 Name:Anthracene
Mass:178.00 Type:Target

R.T:17.527 Area:507320 Conc:44.00901ppm



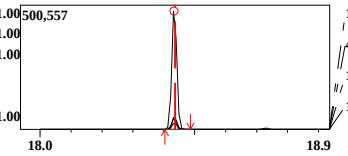
ID#:89 Name:Carbazole
Mass:167.00 Type:Target

R.T:17.807 Area:466857 Conc:45.50335ppm



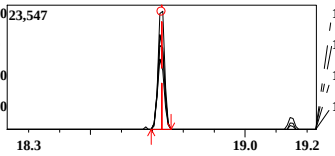
ID#:90 Name:Di-n-butyl phthalate
Mass:149.00 Type:Target

R.T:18.433 Area:579170 Conc:47.86721ppm



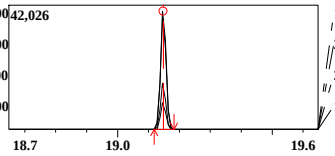
ID#:91 Name:4-Nitroquinoline-N-Oxide
Mass:190.00 Type:Target

R.T:18.729 Area:33897 Conc:41.43207ppm



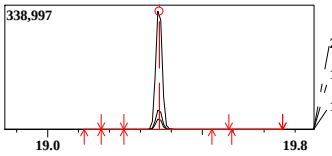
ID#:92 Name:Isodrin
Mass:193.00 Type:Target

R.T:19.148 Area:52770 Conc:48.19076ppm



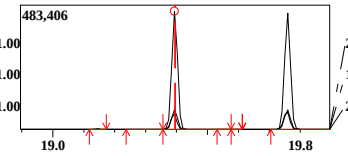
ID#:93 Name:Fluoranthene-d10
Mass:212.00 Type:Target

R.T:19.360 Area:490197 Conc:47.50080ppm



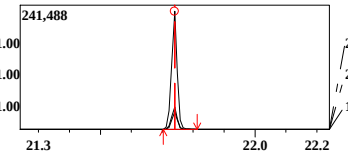
ID#:94 Name:Fluoranthene
Mass:202.00 Type:Target

R.T:19.394 Area:605835 Conc:44.59470ppm



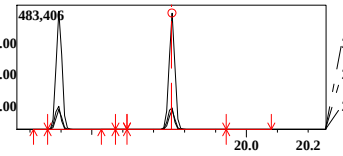
ID#:95 Name:Chrysene-d12 (IS)
Mass:240.00 Type:ISTD

R.T:21.739 Area:297711 Conc:40.00000ppm



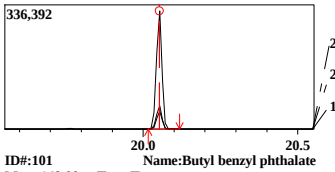
ID#:96 Name:Pyrene
Mass:202.00 Type:Target

R.T:19.759 Area:612823 Conc:43.82499ppm



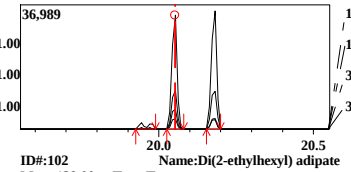
ID#:97 Name:p-Terphenyl-d14
Mass:244.00 Type:Surrogate/SMC

R.T:20.052 Area:400947 Conc:45.25149ppm



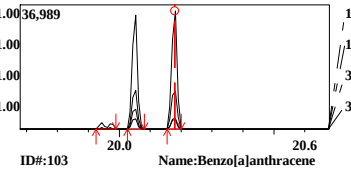
ID#:98 Name:Aramite A
Mass:185.00 Type:Target

R.T:20.051 Area:40193 Conc:22.08068ppm



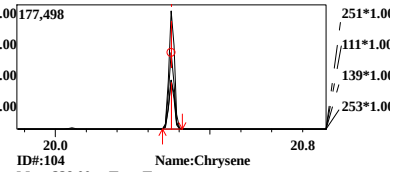
ID#:99 Name:Aramite B
Mass:185.00 Type:Target

R.T:20.179 Area:42747 Conc:24.04644ppm



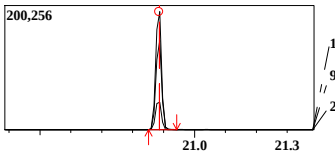
ID#:100 Name:Chlorobenzilate
Mass:251.00 Type:Target

R.T:20.375 Area:132827 Conc:48.51149ppm



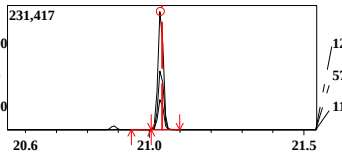
ID#:101 Name:Butyl benzyl phthalate
Mass:149.00 Type:Target

R.T:20.884 Area:248973 Conc:46.96572ppm



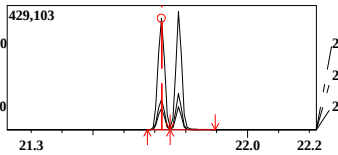
ID#:102 Name:Di(2-ethylhexyl) adipate
Mass:129.00 Type:Target

R.T:21.036 Area:269233 Conc:47.16614ppm



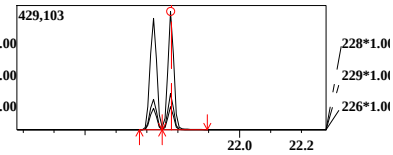
ID#:103 Name:Benzo[a]anthracene
Mass:228.00 Type:Target

R.T:21.721 Area:572921 Conc:45.64011ppm



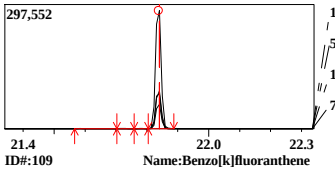
ID#:104 Name:Chrysene
Mass:228.00 Type:Target

R.T:21.777 Area:540328 Conc:42.94994ppm



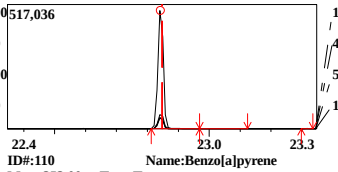
ID#:105 Name:Bis(2-Ethylhexyl) phthalate
Mass:149.00 Type:Target

R.T:21.837 Area:371830 Conc:47.80542ppm



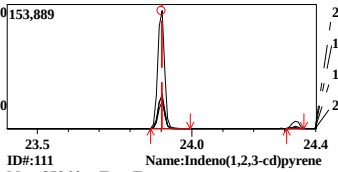
ID#:106 Name:Di-n-octyl phthalate
Mass:149.00 Type:Target

R.T:22.842 Area:622518 Conc:47.93503ppm



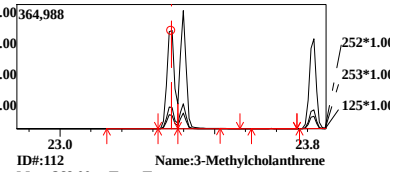
ID#:107 Name:Perylene-d12 (IS)
Mass:264.00 Type:ISTD

R.T:23.900 Area:224378 Conc:40.00000ppm



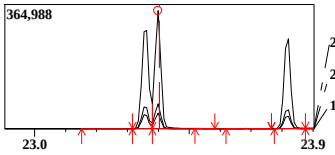
ID#:108 Name:Benzo[b]fluoranthene
Mass:252.00 Type:Target

R.T:23.358 Area:503440 Conc:45.31367ppm



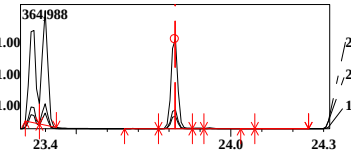
ID#:109 Name:Benzo[k]fluoranthene
Mass:252.00 Type:Target

R.T:23.399 Area:444793 Conc:42.01003ppm



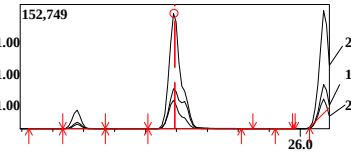
ID#:110 Name:Benzo[a]pyrene
Mass:252.00 Type:Target

R.T:23.817 Area:406335 Conc:46.78639ppm



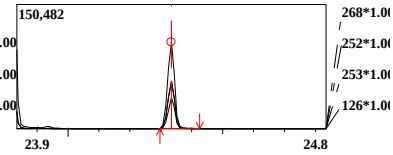
ID#:111 Name:Indeno(1,2,3-cd)pyrene
Mass:276.00 Type:Target

R.T:25.592 Area:386318 Conc:56.16679ppm



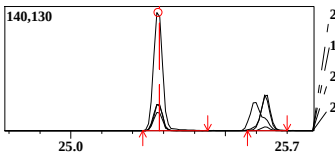
ID#:112 Name:3-Methylcholanthrene
Mass:268.00 Type:Target

R.T:24.333 Area:165536 Conc:42.63933ppm



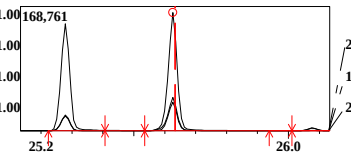
ID#:113 Name:Dibenz(a,j)Acridine
Mass:279.00 Type:Target

R.T:25.282 Area:279792 Conc:49.16793ppm



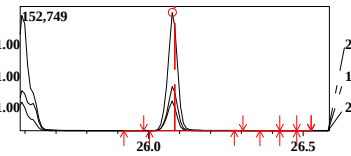
ID#:114 Name:Dibenzo[a,h]anthracene
Mass:278.00 Type:Target

R.T:25.626 Area:332733 Conc:47.33002ppm



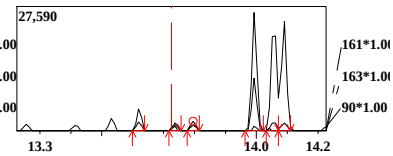
ID#:115 Name:Benzo[g,h,i]perylene
Mass:276.00 Type:Target

R.T:26.078 Area:326566 Conc:47.64575ppm



ID#:128 Name:2,3-Dichloroaniline
Mass:161.00 Type:Target

R.T:13.796 Area:2605 Conc:0.84135ppm



Advanced Environmental Laboratories, Inc.

FORM 8

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Run Number	**221130H-8270-DOD-0**
Method	**EPA SW-846 8270**
Instrument ID	**J7H**

Seq	Sample ID	Analysis Date	Time	DF	Matrix	Data File
2	IB	11/30/2022	16:35	1	WATER	221130H002.qgd
3	TUNE	11/30/2022	17:06	1	WATER	221130H003.qgd
4	A ICAL1	11/30/2022	17:33	1	WATER	221130H004.qgd
5	A ICAL2	11/30/2022	18:14	1	WATER	221130H005.qgd
6	A ICAL3	11/30/2022	18:55	1	WATER	221130H006.qgd
7	A ICAL4	11/30/2022	19:35	1	WATER	221130H007.qgd
8	A ICAL5	11/30/2022	20:16	1	WATER	221130H008.qgd
9	A ICAL6	11/30/2022	20:57	1	WATER	221130H009.qgd
10	A ICAL7	11/30/2022	21:37	1	WATER	221130H010.qgd
11	A ICAL8	11/30/2022	22:18	1	WATER	221130H011.qgd
18	ICV1	12/1/2022	03:00	1	WATER	221130H018.qgd
21	IB	12/1/2022	05:15	1	WATER	221130H022.qgd
22	TUNE	12/1/2022	05:46	1	WATER	221130H023.qgd

Advanced Environmental Laboratories, Inc.

FORM 8

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Run Number	**221212H-8270-DOD-2**
Method	**EPA SW-846 8270**
Instrument ID	**J7H**

Seq	Sample ID	Analysis Date	Time	DF	Matrix	Data File
2.	IB	12/12/2022	22:50	1	WATER	221212H022.qgd
3.	TUNE	12/12/2022	23:21	1	WATER	221212H023.qgd
4.	A CCV6	12/12/2022	23:48	1	WATER	221212H024.qgd
5.	J2215752004	12/13/2022	00:28	1	WATER	221212H025.qgd
6.	J2215752005	12/13/2022	01:09	1	WATER	221212H026.qgd
7.	J2215752006	12/13/2022	01:49	1	WATER	221212H027.qgd
8.	J2215752007	12/13/2022	02:30	1	WATER	221212H028.qgd
9.	J2215752008	12/13/2022	03:10	1	WATER	221212H029.qgd
10.	J2215752009	12/13/2022	03:50	1	WATER	221212H030.qgd
11.	J2215752010	12/13/2022	04:30	1	WATER	221212H031.qgd
12.	J2215752011	12/13/2022	05:10	1	WATER	221212H032.qgd
13.	J2215752012	12/13/2022	05:50	1	WATER	221212H033.qgd
14.	J2215752014	12/13/2022	06:30	1	WATER	221212H034.qgd
15.	J2215752003	12/13/2022	07:11	1	WATER	221212H035.qgd
16.	A ENDCCV6	12/13/2022	07:51	1	WATER	221212H036.qgd

FORM 8

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Run Number	**221214H-8270-DOD-1**
Method	**EPA SW-846 8270**
Instrument ID	**J7H**

Seq	Sample ID	Analysis Date	Time	DF	Matrix	Data File
2	IB	12/14/2022	08:57	1	WATER	221214H002.qgd
3	TUNE	12/14/2022	09:27	1	WATER	221214H003.qgd
4	A CCV6	12/14/2022	09:54	1	WATER	221214H004.qgd
13	4560641	12/14/2022	16:00	1	WATER	221214H013.qgd
14	4560642	12/14/2022	16:42	1	WATER	221214H014.qgd
15	4560643	12/14/2022	17:23	1	WATER	221214H015.qgd
16	J2215752002	12/14/2022	18:05	1	WATER	221214H016.qgd
17	4560644	12/14/2022	18:46	1	WATER	221214H017.qgd
18	4560645	12/14/2022	19:27	1	WATER	221214H018.qgd
19	A ENDCCV6	12/14/2022	20:08	1	WATER	221214H019.qgd

Organics Extraction Log

Date Extracted: 11/23/22
Analyst: DP
Time of Extraction: 0900
Zymark Temp: 45°C
TurboVap ID: X, D, W
Sonicator ID: S
Syringe(s) ID: Ext #44

Matrix: ~~Water~~ / Soil / Waste
EPA Analysis Method: ~~8270C~~ / 8270D / 8270E / 625.1
EPA Extraction Method: ~~3510C~~ / 3550B / 3580A
Prep Batch Number: 8270C/D/and/or E- 5236, 138343
~~625.1~~ DOD: 5238
TCLP-5237, 138344
DOD Spike Witness Initial and Date: TF-11-23-22

Surrogate: DOD 50 ppm BNA Surr : Log XII 396E DE: 11-15-23
8270C LCS/MSS: 2590 (134031)
8270C MSD = 2591 (134032)

Surrogate:

Balance I.D: J8FF
(when soil)
DOD MSD: ~~2617~~ 2625 (141917) 11/21/22

Spike: Custom BNA Spike : Log XII 393F DE: 11-1-23

Spike:

Reagents Used	Lot Number
Na2SO4	JE3-27F-3
10N NaOH	ORGLB*3-153C
H2SO4	JM3-158/60

Solvent Used	Company	Lot #
Extraction: DCM	Baker	JE3-28J-1

	Lot #
pH Paper	10BDH-3021
Cl⁻ Strips	2209

Lab Code	8270C/D/and/or E	625.1
MB	45606 35	
LCS	36	
MS	37	
MSD		

TCLP	DOD	Detailed Comments
45606 38 MB	45606 41	
39 LCS	42	
AD LCSD	43	
MS	44	
MSD	45	

DCN: EXT-D010
eff 5/11/10, rev 1/25/2021

Sep. Funnel I.D.	Project Number (Lab Code)	no Project # available, otherwise N/A)	Free Cl (625.1 only)	Initial pH	pH>12	pH<2	Sample Amount mL or g	Final Vol (mL)	Spike (mL)	Surr (mL)	Clean-up Required	Emulsions H / M / L	Turbo Vap I.D.
1	MB	N/A	N/A	7	Y	Y	1000	1.0		1.0	N/A	N/A	X
2	LCS			1					1.0				
3	LCSD			1									
4	J2215752 002 MS			7			990					M	O
5	002 MSD			7			980						O
6	002			7			980						O
7	003			7			1000						O
8	004			7									O
9	005			6								H	O
10	006			6			990					H	Y
11	007			7			1000					M	
12	008			7			1					M	
1	009			7			900					H	
2	010			7			1000					H	
3	011			7			980					H	
4	012			6			1000					H	W
5	014			7			1000					M	
6	T2223434 004			7			1000					H	
7	1 005			7			900					H	
8	J2215769 001			5			20						
9	J2215755 001			5			1						
10	J2215826 001			5									

CMW 12/16/2022

DCN: EXT-D010
eff 5/11/10, rev 1/25/2021

Explosives Section

Result Summary Reports

Advanced Environmental Laboratories, Inc.

Semi Volatile GC Analysis Results

FORM 1

EPA 8330B

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2215752002**		**Client ID:**	**A143-RS566-GW-AEB3058-REG**	
Date Collected:	**11/17/2022**	**08:31**	**Matrix:**	**WATER**	
Date Analyzed:	**11/22/2022**	**21:25:00**	**File ID:**	**S22A010|S22B010**	
Date Extracted:	**11/22/2022**	**14:13**	**Instrument ID:**	**J11S**	
Dilution:	**1**		**Analytical Run ID:**	**221122S-8330**	
Sample Wt/Vol:	**970.00**	**mL**	**% Moisture:**	**100**	
Extract Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5220**	
Prep Method:	**EPA 3535A**		**Lims Analytical Batch:**	**1694**	

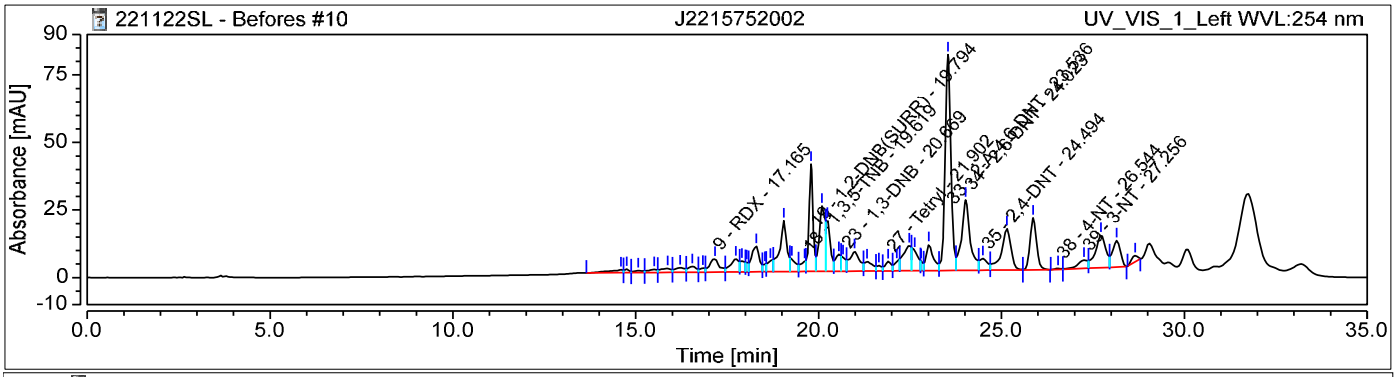
Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1,3-Dinitrobenzene	99-65-0	0.15	U	0.077	0.15	0.31	ug/L
2,4,6-Trinitrotoluene (TNT)	118-96-7	0.15	U	0.077	0.15	0.31	ug/L
2,4-Dinitrotoluene (2,4-DNT)	121-14-2	0.15	U	0.052	0.15	0.31	ug/L
2,6-Dinitrotoluene (2,6-DNT)	606-20-2	0.15	U	0.052	0.15	0.31	ug/L
2-Amino-4,6-Dinitrotoluene	35572-78-2	0.15	U	0.077	0.15	0.31	ug/L
2-Nitrotoluene	88-72-2	0.15	U	0.077	0.15	0.31	ug/L
3-Nitrotoluene	99-08-1	0.15	U	0.077	0.15	0.31	ug/L
Nitrobenzene	98-95-3	0.15	U	0.077	0.15	0.31	ug/L
Nitroglycerin	55-63-0	0.52	U	0.34	0.52	1.0	ug/L
PETN	78-11-5	0.52	U,J	0.26	0.52	1.0	ug/L
RDX	121-82-4	0.15	U,J	0.077	0.15	0.31	ug/L

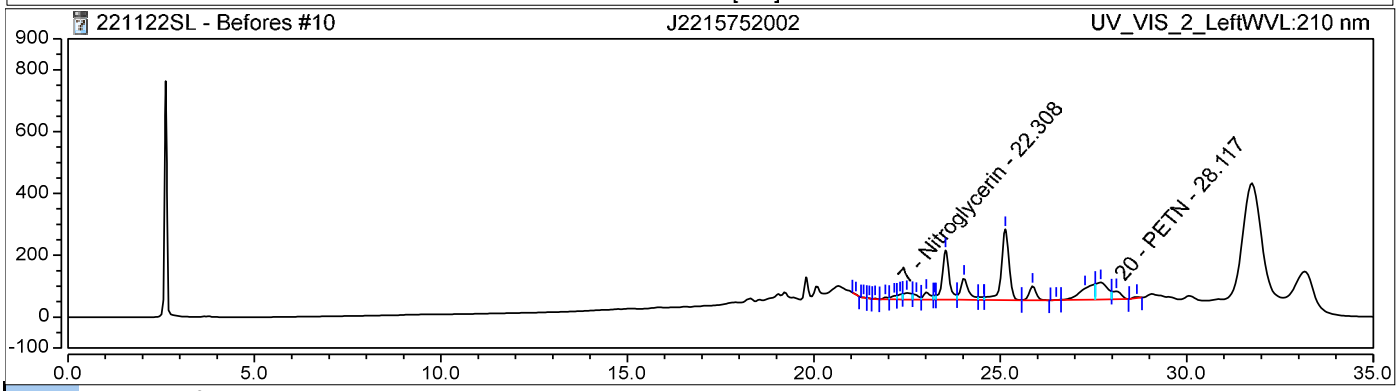
Chromatogram and Results

Injection Details

Injection Name:	**J2215752002**	*Analyst:*	**EMN**
File Number:	**S22A010**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**22/Nov/22 21:25**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
9	RDX	17.165	1.481	4.751	1.85	1.22	1.1381
18	1,3,5-TNB	19.619	0.642	3.773	0.80	0.97	0.2247
19	1,2-DNB(SURR)	19.794	4.839	39.693	6.05	10.22	2.8328
23	1,3-DNB	20.669	0.724	5.107	0.91	1.32	0.1817
n.a.	NB/3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
27	Tetryl	21.902	0.664	3.461	0.83	0.89	0.2955
n.a.	246TNT/4A26DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
33	2-A-4,6-DNT	23.536	14.533	79.873	18.18	20.58	5.1491
34	2,6-DNT	24.023	7.016	26.080	8.78	6.72	3.9188
35	2,4-DNT	24.494	1.082	4.371	1.35	1.13	0.2889
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
38	4-NT	26.544	0.073	0.382	0.09	0.10	0.0489
39	3-NT	27.256	0.990	3.047	1.24	0.79	0.5198
Total:			**32.044**	**170.539**	**40.08**	**43.93**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
7	Nitroglycerin	22.308	2.378	16.225	1.28	2.16	1.6840
20	PETN	28.117	7.237	25.929	3.90	3.45	4.9093
Total:			**9.616**	**42.154**	**5.18**	**5.61**	

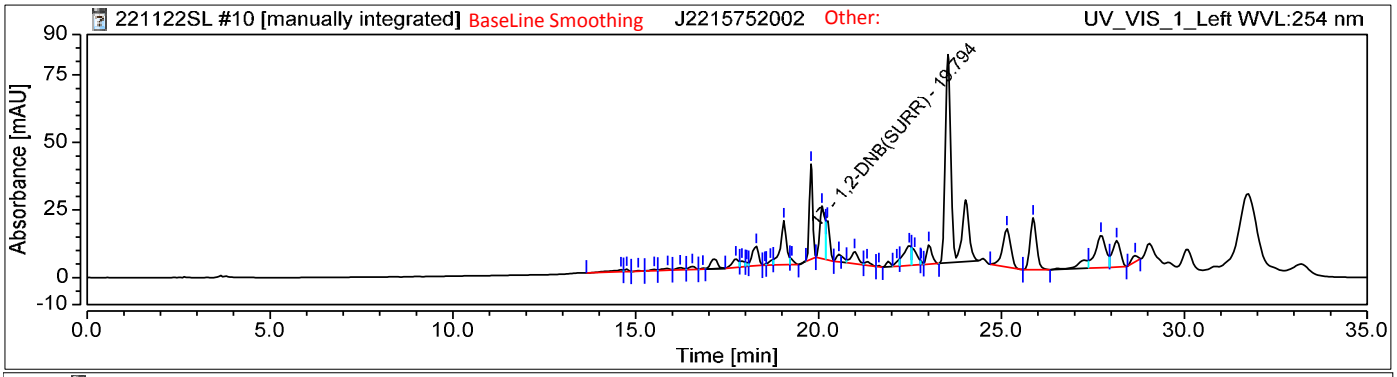
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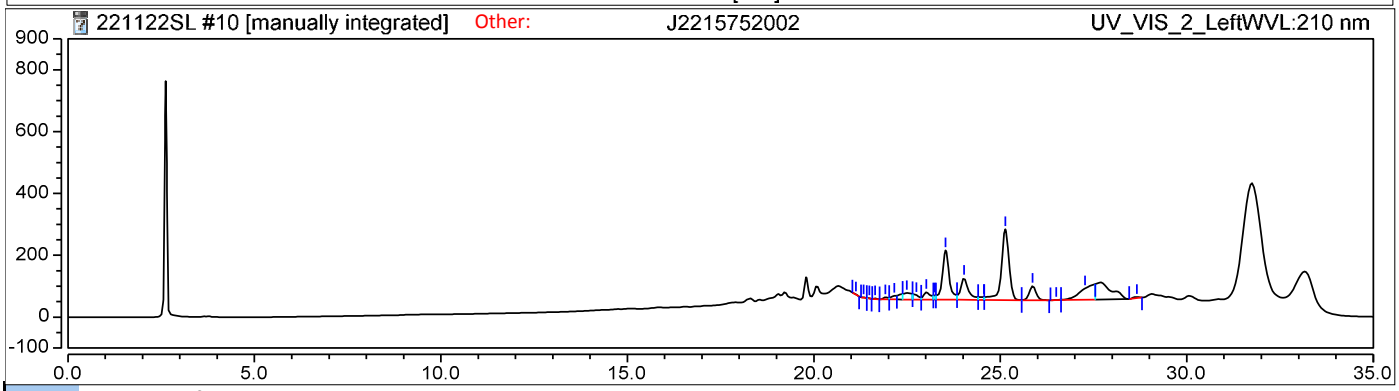
Chromatogram and Results

Injection Details

Injection Name:	**J2215752002**	*Analyst:*	**EMN**
File Number:	**S22A010**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**22/Nov/22 21:25**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
17	1,2-DNB(SURR)	19.794	3.609	35.198	9.93	17.70	2.1038
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	NB/3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	246TNT/4A26DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**3.609**	**35.198**	**9.93**	**17.70**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

Manual Integrations Reasons in Red

By Shaun West at 5:02 pm, Jan 06, 2023

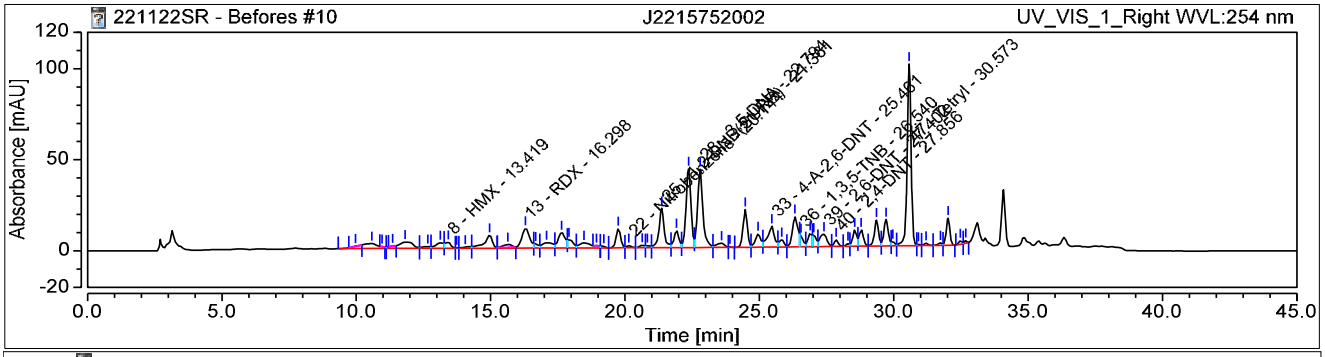
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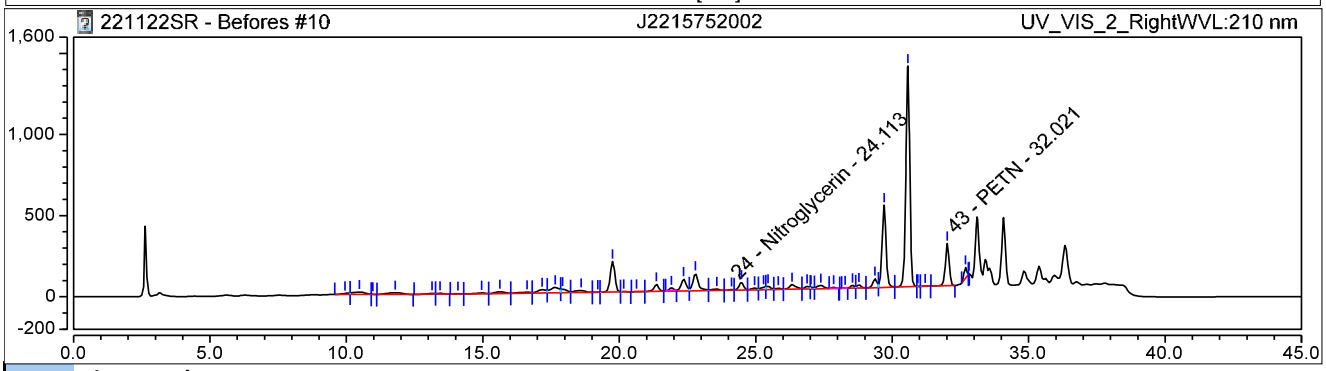
Chromatogram and Results

Injection Details

Injection Name:	**J2215752002**	*Analyst:*	**EMN**
File:	**S22B010**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**22/Nov/22 21:59**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
8	HMX	13.419	0.841	3.221	0.84	0.71	0.8370
13	RDX	16.298	3.962	10.787	3.98	2.39	3.1057
22	Nitrobenzene	20.144	0.257	1.176	0.26	0.26	0.0960
25	1,2-DNB(SURR)	21.361	4.819	21.557	4.84	4.78	2.7188
28	3,5-DNA	22.794	9.780	42.881	9.81	9.50	2.9609
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
33	4-A-2,6-DNT	25.461	3.351	11.415	3.36	2.53	1.7304
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
36	1,3,5-TNB	26.540	0.934	6.047	0.94	1.34	0.3428
39	2,6-DNT	27.402	2.064	6.755	2.07	1.50	1.1340
40	2,4-DNT	27.856	0.610	3.561	0.61	0.79	0.1641
47	Tetryl	30.573	16.561	99.653	16.62	22.09	7.7031
n.a.	2,4,6-TNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**43.180**	**207.053**	**43.33**	**45.89**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
24	Nitroglycerin	24.113	0.850	4.024	0.15	0.13	0.6969
43	PETN	32.021	42.512	260.012	7.33	8.44	30.1525
Total:			**43.362**	**264.037**	**7.47**	**8.58**	

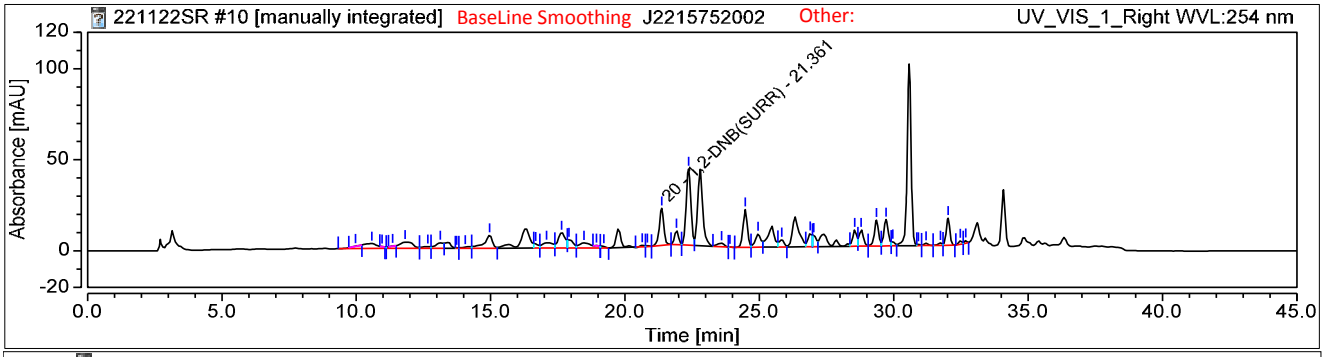
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Chromeleon 7.3.0.60919

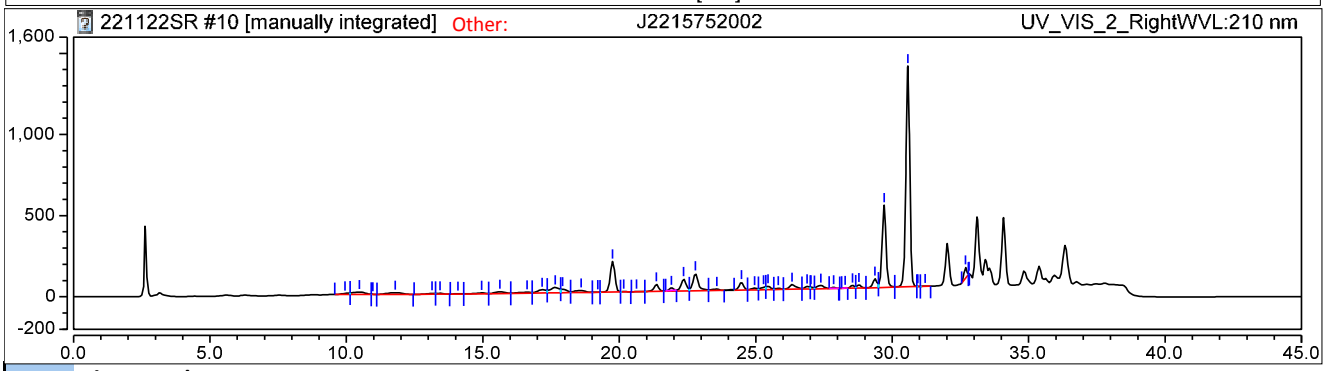
Chromatogram and Results

Injection Details

Injection Name:	**J2215752002**	*Analyst:*	**EMN**
File:	**S22B010**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**22/Nov/22 21:59**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Nitrobenzene	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
20	1,2-DNB(SURR)	21.361	3.921	20.296	7.56	8.83	2.2124
n.a.	3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-A-2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4,6-TNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**3.921**	**20.296**	**7.56**	**8.83**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

Manual Integrations Reasons in Red

By Shaun West at 5:20 pm, Jan 06, 2023

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Chromeleon 7.3.0.60919

Advanced Environmental Laboratories, Inc.

Semi Volatile GC Analysis Results

FORM 1

EPA 8330B

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2215752003**		**Client ID:**	**A143-RS614-GW-AEB3063-REG**	
Date Collected:	**11/17/2022**	**09:56**	**Matrix:**	**WATER**	
Date Analyzed:	**11/22/2022**	**22:07:00**	**File ID:**	**S22A011|S22B011**	
Date Extracted:	**11/22/2022**	**14:14**	**Instrument ID:**	**J11S**	
Dilution:	**1**		**Analytical Run ID:**	**221122S-8330**	
Sample Wt/Vol:	**1000.00**	**mL**	**% Moisture:**	**100**	
Extract Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5220**	
Prep Method:	**EPA 3535A**		**Lims Analytical Batch:**	**1694**	

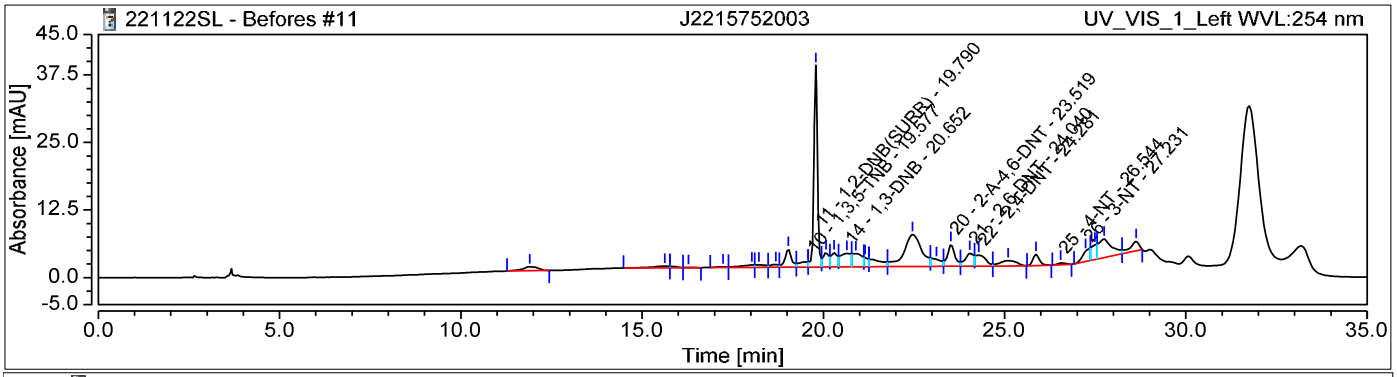
Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1,3-Dinitrobenzene	99-65-0	0.15	U	0.075	0.15	0.30	ug/L
2,4,6-Trinitrotoluene (TNT)	118-96-7	0.15	U	0.075	0.15	0.30	ug/L
2,4-Dinitrotoluene (2,4-DNT)	121-14-2	0.15	U	0.050	0.15	0.30	ug/L
2,6-Dinitrotoluene (2,6-DNT)	606-20-2	0.15	U	0.050	0.15	0.30	ug/L
2-Amino-4,6-Dinitrotoluene	35572-78-2	0.15	U	0.075	0.15	0.30	ug/L
2-Nitrotoluene	88-72-2	0.15	U	0.075	0.15	0.30	ug/L
3-Nitrotoluene	99-08-1	0.15	U	0.075	0.15	0.30	ug/L
Nitrobenzene	98-95-3	0.15	U	0.075	0.15	0.30	ug/L
Nitroglycerin	55-63-0	0.50	U	0.32	0.50	1.0	ug/L
PETN	78-11-5	0.50	U	0.25	0.50	1.0	ug/L
RDX	121-82-4	0.15	U	0.075	0.15	0.30	ug/L

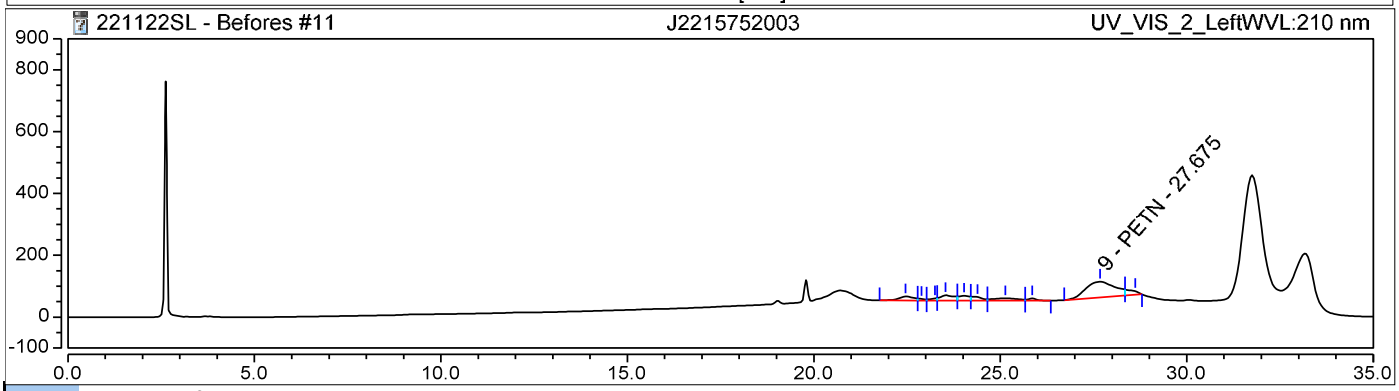
Chromatogram and Results

Injection Details

Injection Name:	**J2215752003**	*Analyst:*	**EMN**
File Number:	**S22A011**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**22/Nov/22 22:07**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
10	1,3,5-TNB	19.577	0.265	0.919	1.34	1.06	0.0940
11	1,2-DNB(SURR)	19.790	4.160	37.323	21.06	43.10	2.4305
14	1,3-DNB	20.652	0.847	2.494	4.29	2.88	0.2133
n.a.	NB/3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	246TNT/4A26DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
20	2-A-4,6-DNT	23.519	0.962	4.034	4.87	4.66	0.3376
21	2,6-DNT	24.040	0.650	2.405	3.29	2.78	0.3613
22	2,4-DNT	24.281	0.683	2.027	3.46	2.34	0.1816
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
25	4-NT	26.544	0.079	0.340	0.40	0.39	0.0528
26	3-NT	27.231	0.488	1.873	2.47	2.16	0.2571
Total:			**8.135**	**51.415**	**41.17**	**59.37**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
9	PETN	27.675	46.431	50.969	54.75	34.65	31.3251
Total:			**46.431**	**50.969**	**54.75**	**34.65**	

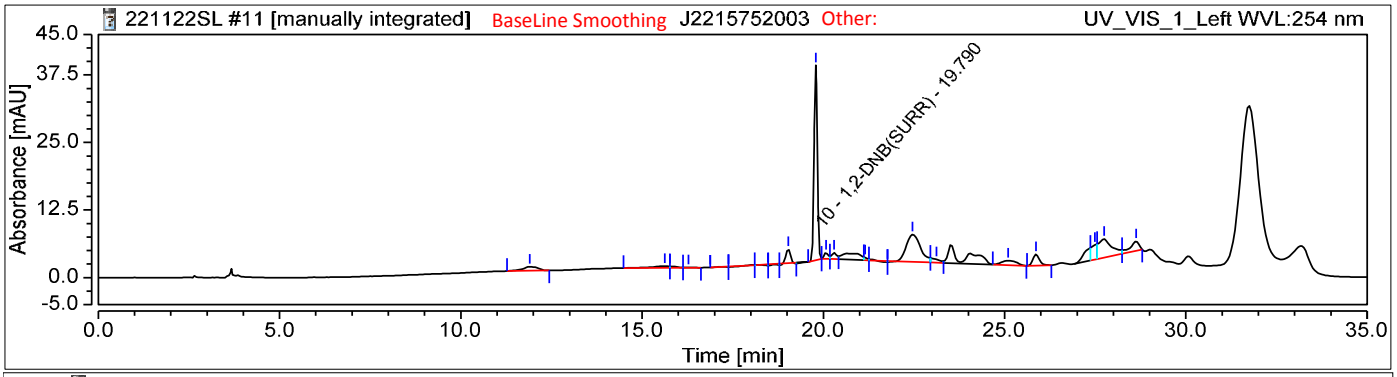
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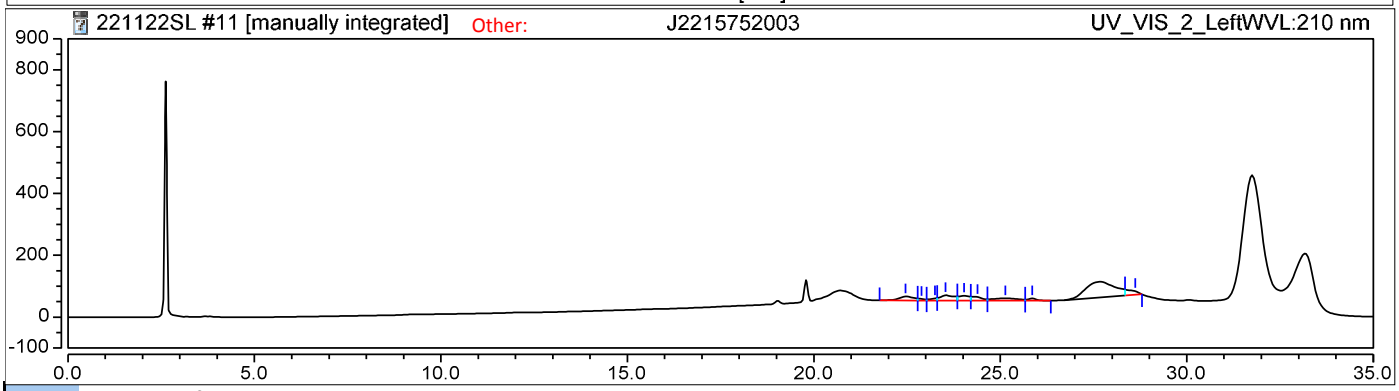
Chromatogram and Results

Injection Details

Injection Name:	**J2215752003**	*Analyst:*	**EMN**
File Number:	**S22A011**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**22/Nov/22 22:07**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
10	1,2-DNB(SURR)	19.790	3.705	36.049	33.67	60.06	2.1603
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	NB/3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	246TNT/4A26DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**3.705**	**36.049**	**33.67**	**60.06**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

Manual Integrations Reasons in Red

By Shaun West at 5:02 pm, Jan 06, 2023

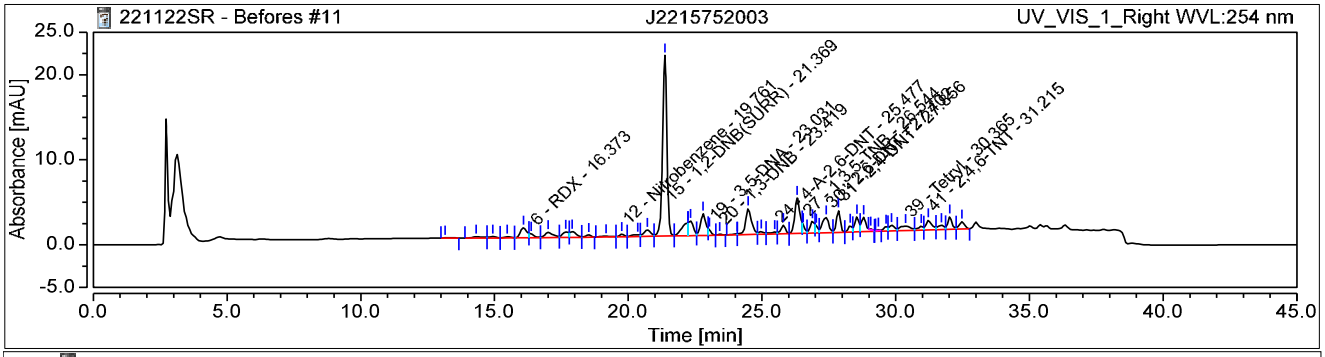
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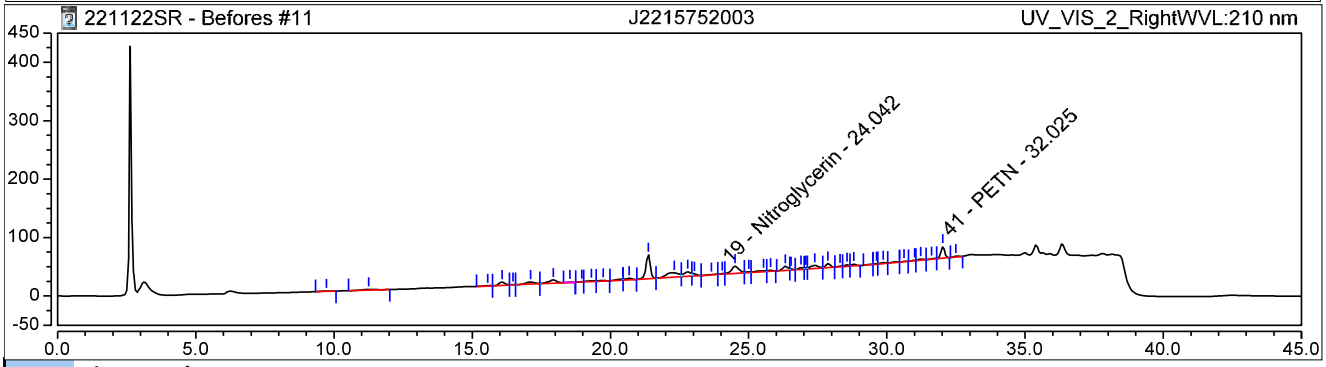
Chromatogram and Results

Injection Details

Injection Name:	**J2215752003**	*Analyst:*	**EMN**
File:	**S22B011**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**22/Nov/22 22:46**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
6	RDX	16.373	0.098	0.448	0.76	0.74	0.0694
12	Nitrobenzene	19.761	0.064	0.308	0.49	0.51	0.0246
15	1,2-DNB(SURR)	21.369	3.916	21.229	30.35	35.05	2.2094
19	3,5-DNA	23.031	0.092	0.667	0.71	1.10	0.0235
20	1,3-DNB	23.419	0.022	0.129	0.17	0.21	0.0045
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
24	4-A-2,6-DNT	25.477	0.067	0.218	0.52	0.36	0.0288
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
27	1,3,5-TNB	26.544	0.112	0.970	0.86	1.60	0.0342
30	2,6-DNT	27.402	0.506	1.781	3.92	2.94	0.2781
31	2,4-DNT	27.856	0.431	2.573	3.34	4.25	0.1146
39	Tetryl	30.365	0.239	0.508	1.85	0.84	0.1045
41	2,4,6-TNT	31.215	0.280	1.117	2.17	1.84	0.0998
Total:			**5.826**	**29.948**	**45.16**	**49.45**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
19	Nitroglycerin	24.042	0.261	1.168	0.61	0.68	0.2510
41	PETN	32.025	3.297	20.571	7.71	11.99	2.3662
Total:			**3.558**	**21.739**	**8.32**	**12.67**	

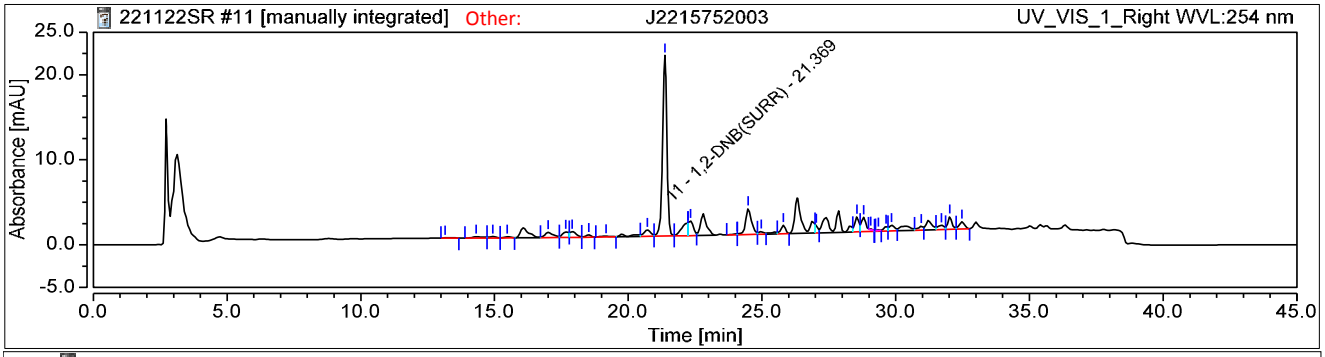
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Chromeleon 7.3.0.60919

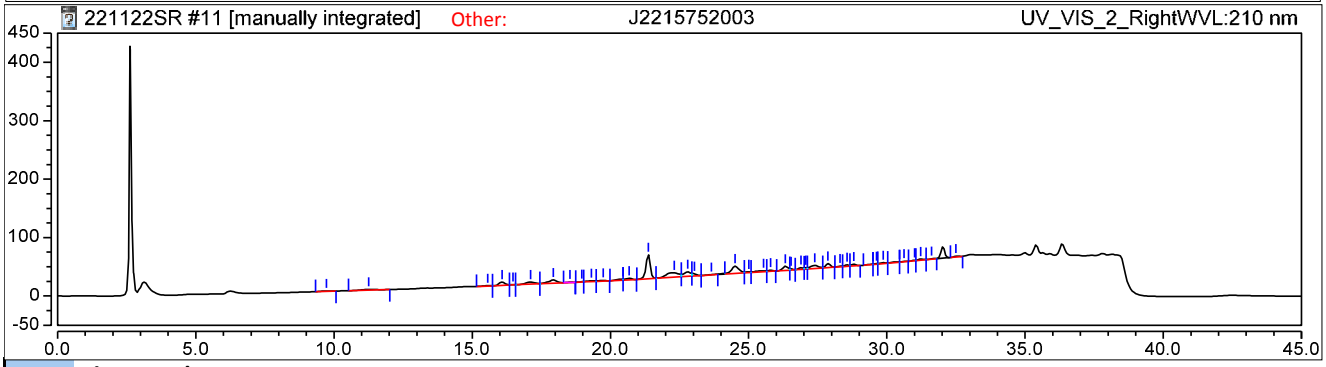
Chromatogram and Results

Injection Details

Injection Name:	**J2215752003**	*Analyst:*	**EMN**
File:	**S22B011**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**22/Nov/22 22:46**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Nitrobenzene	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
11	1,2-DNB(SURR)	21.369	3.916	21.229	45.02	51.04	2.2094
n.a.	3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-A-2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4,6-TNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**3.916**	**21.229**	**45.02**	**51.04**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

Manual Integrations Reasons in Red

By Shaun West at 5:20 pm, Jan 06, 2023

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Chromeleon 7.3.0.60919

Semi Volatile GC Analysis Results

FORM 1

EPA 8330B

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Sample ID:	J2215752004	**Client ID:**	A143-RS616-GW-AEB3065-REG
Date Collected:	11/17/2022 11:11	**Matrix:**	WATER
Date Analyzed:	11/22/2022 22:49:00	**File ID:**	S22A012|S22B012
Date Extracted:	11/22/2022 14:13	**Instrument ID:**	J11S
Dilution:	1	**Analytical Run ID:**	221122S-8330
Sample Wt/Vol:	990.00 mL	**% Moisture:**	100
Extract Vol:	5000 uL	**Lims Prep Batch:**	5220
Prep Method:	EPA 3535A	**Lims Analytical Batch:**	1694

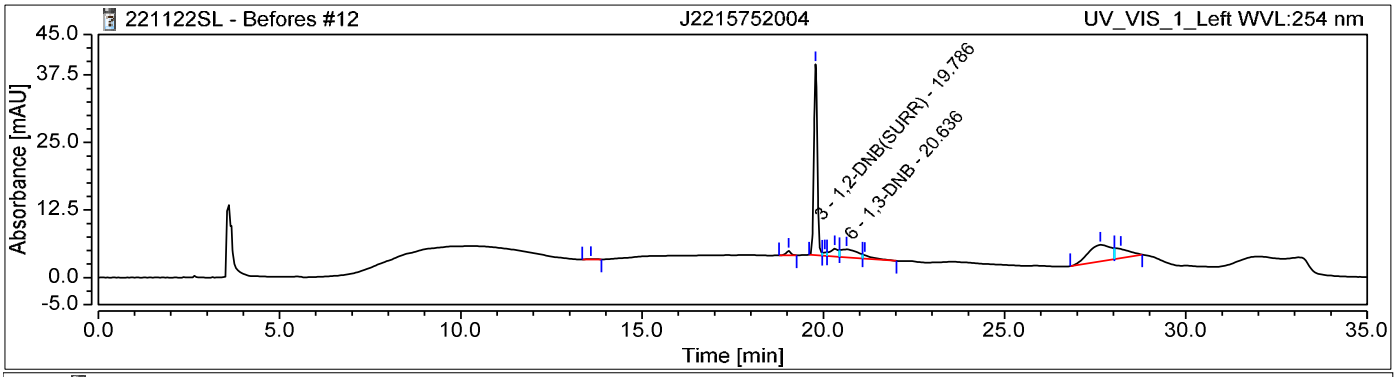
Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1,3-Dinitrobenzene	99-65-0	0.15	U	0.076	0.15	0.30	ug/L
2,4,6-Trinitrotoluene (TNT)	118-96-7	0.15	U	0.076	0.15	0.30	ug/L
2,4-Dinitrotoluene (2,4-DNT)	121-14-2	0.15	U	0.051	0.15	0.30	ug/L
2,6-Dinitrotoluene (2,6-DNT)	606-20-2	0.15	U	0.051	0.15	0.30	ug/L
2-Amino-4,6-Dinitrotoluene	35572-78-2	0.15	U	0.076	0.15	0.30	ug/L
2-Nitrotoluene	88-72-2	0.15	U	0.076	0.15	0.30	ug/L
3-Nitrotoluene	99-08-1	0.15	U	0.076	0.15	0.30	ug/L
Nitrobenzene	98-95-3	0.15	U	0.076	0.15	0.30	ug/L
Nitroglycerin	55-63-0	0.51	U	0.33	0.51	1.0	ug/L
PETN	78-11-5	0.51	U	0.25	0.51	1.0	ug/L
RDX	121-82-4	0.15	U	0.076	0.15	0.30	ug/L

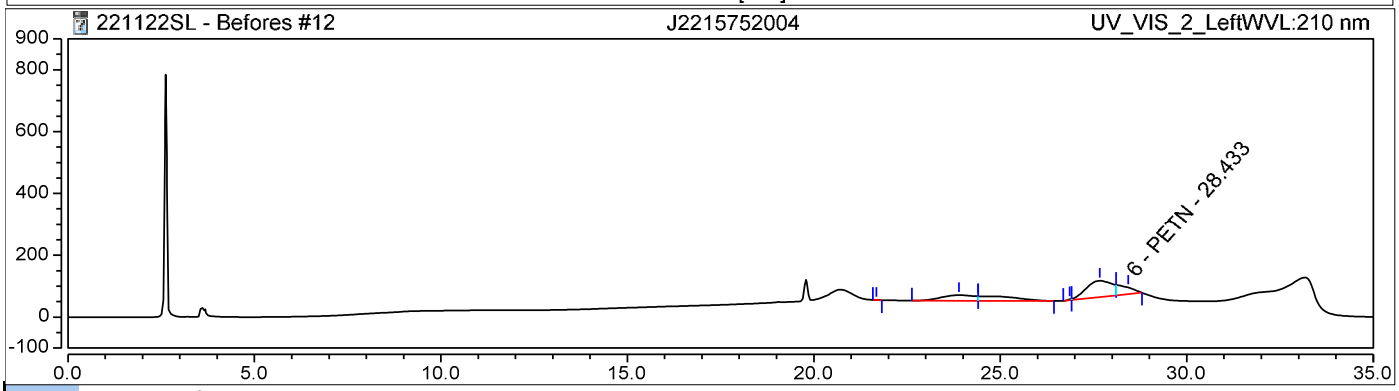
Chromatogram and Results

Injection Details

Injection Name:	**J2215752004**	*Analyst:*	**EMN**
File Number:	**S22A012**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**22/Nov/22 22:49**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3	1,2-DNB(SURR)	19.786	3.721	35.329	44.46	78.06	2.1700
6	1,3-DNB	20.636	0.799	1.481	9.55	3.27	0.2010
n.a.	NB/3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	246TNT/4A26DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**4.520**	**36.809**	**54.01**	**81.33**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
6	PETN	28.433	13.167	20.932	14.48	19.15	8.9057
Total:			**13.167**	**20.932**	**14.48**	**19.15**	

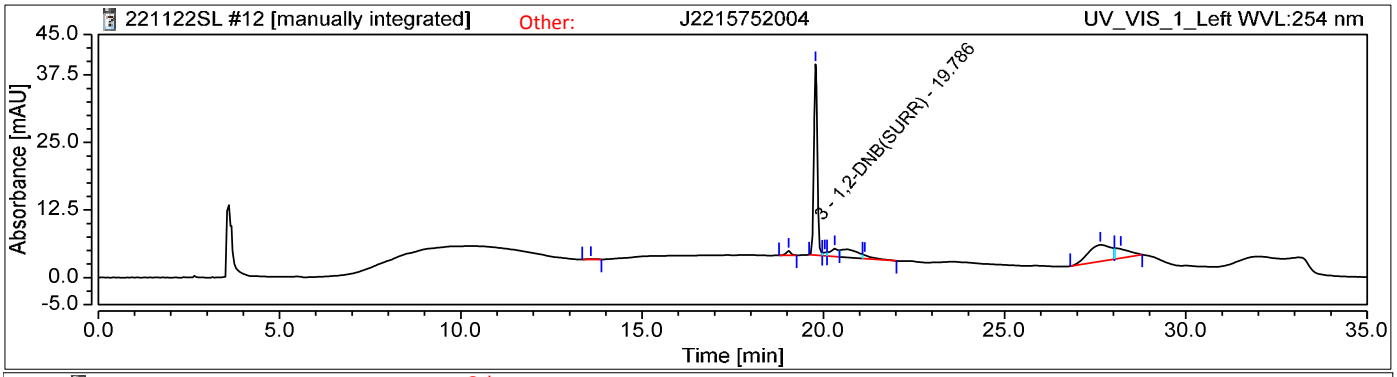
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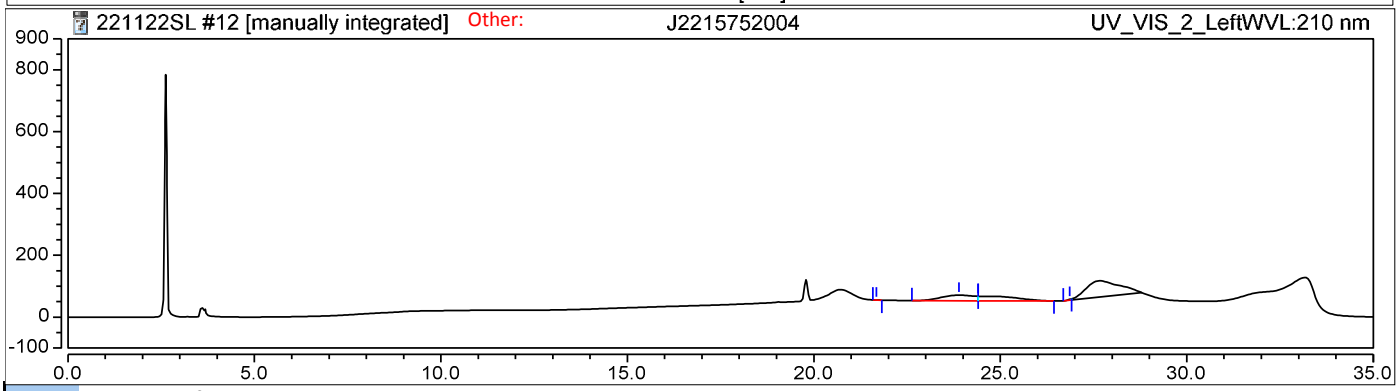
Chromatogram and Results

Injection Details

Injection Name:	**J2215752004**	*Analyst:*	**EMN**
File Number:	**S22A012**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**22/Nov/22 22:49**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3	1,2-DNB(SURR)	19.786	3.721	35.329	49.16	80.70	2.1700
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	NB/3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	246TNT/4A26DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**3.721**	**35.329**	**49.16**	**80.70**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

Manual Integrations Reasons in Red

By Shaun West at 5:03 pm, Jan 06, 2023

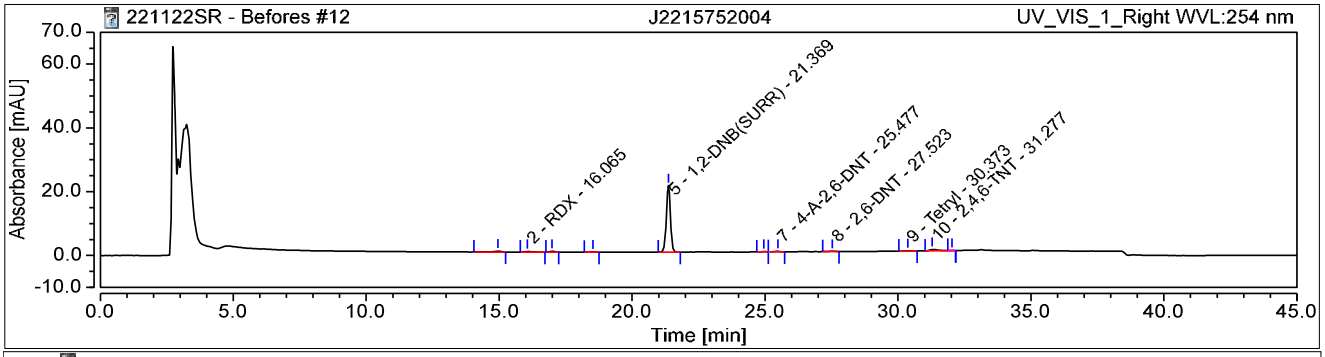
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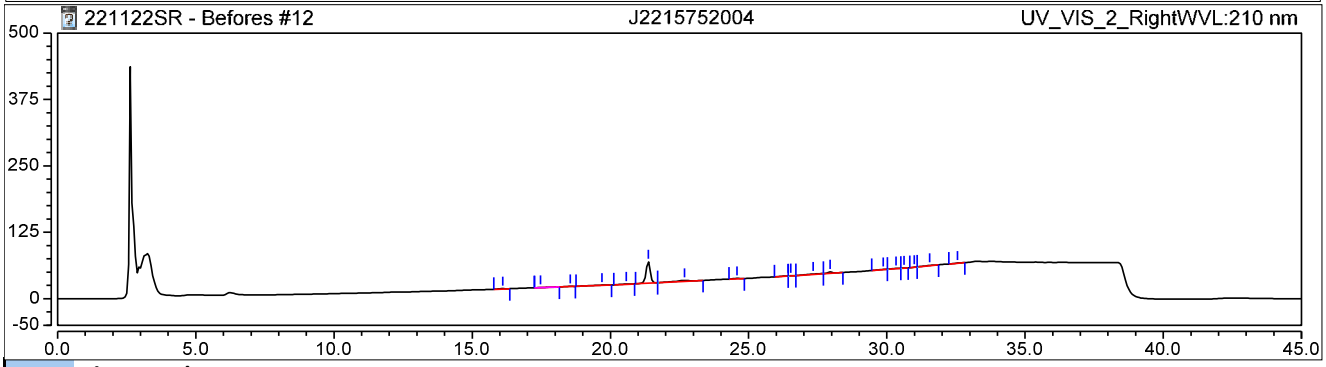
Chromatogram and Results

Injection Details

Injection Name:	**J2215752004**	*Analyst:*	**EMN**
File:	**S22B012**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**22/Nov/22 23:33**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2	RDX	16.065	0.068	0.188	1.60	0.83	0.0460
n.a.	Nitrobenzene	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	1,2-DNB(SURR)	21.369	3.688	20.827	87.00	91.89	2.0810
n.a.	3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
7	4-A-2,6-DNT	25.477	0.053	0.213	1.26	0.94	0.0216
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
8	2,6-DNT	27.523	0.028	0.103	0.66	0.45	0.0153
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
9	Tetryl	30.373	0.032	0.098	0.75	0.43	0.0079
10	2,4,6-TNT	31.277	0.162	0.411	3.81	1.81	0.0551
Total:			**4.031**	**21.841**	**95.08**	**96.36**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

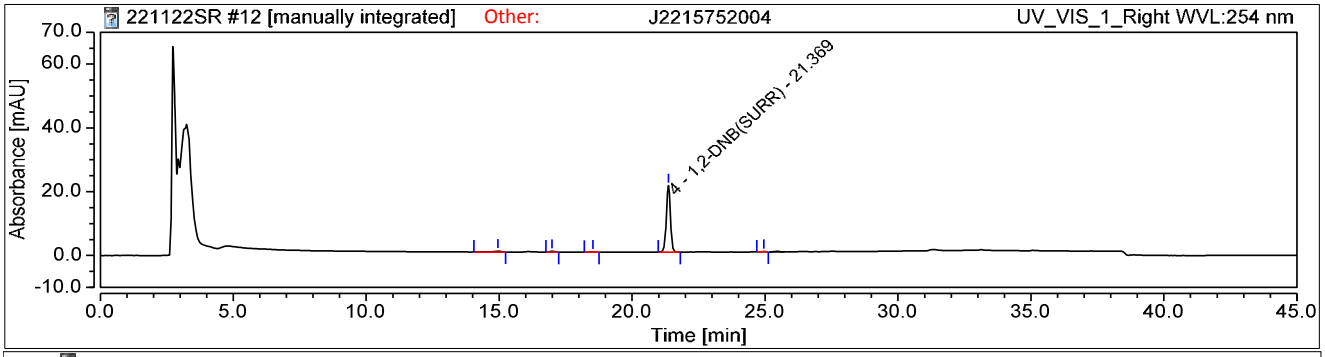
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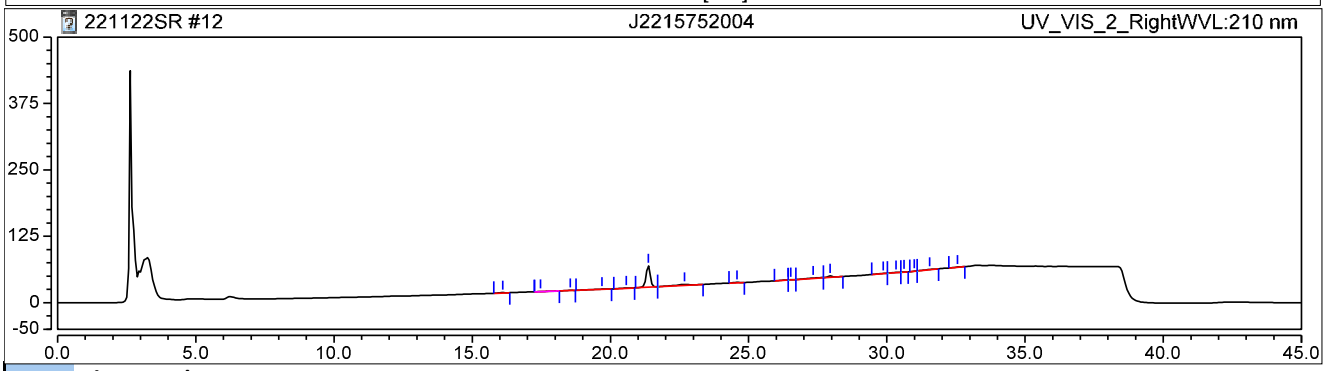
Chromatogram and Results

Injection Details

Injection Name:	**J2215752004**	*Analyst:*	**EMN**
File:	**S22B012**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**22/Nov/22 23:33**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Nitrobenzene	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4	1,2-DNB(SURR)	21.369	3.688	20.827	94.78	96.35	2.0810
n.a.	3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-A-2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4,6-TNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**3.688**	**20.827**	**94.78**	**96.35**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

Manual Integrations Reasons in Red

By Shaun West at 5:21 pm, Jan 06, 2023

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Chromeleon 7.3.0.60919

Advanced Environmental Laboratories, Inc.

Semi Volatile GC Analysis Results

FORM 1

EPA 8330B

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2215752005**		**Client ID:**	**A143-RS888-GW-AEB3073-REG**	
Date Collected:	**11/17/2022**	**10:46**	**Matrix:**	**WATER**	
Date Analyzed:	**11/28/2022**	**14:31:00**	**File ID:**	**S28A006|S28B006**	
Date Extracted:	**11/22/2022**	**14:13**	**Instrument ID:**	**J11S**	
Dilution:	**1**		**Analytical Run ID:**	**221128S-8330-1**	
Sample Wt/Vol:	**960.00**	**mL**	**% Moisture:**	**100**	
Extract Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5220**	
Prep Method:	**EPA 3535A**		**Lims Analytical Batch:**	**1694**	

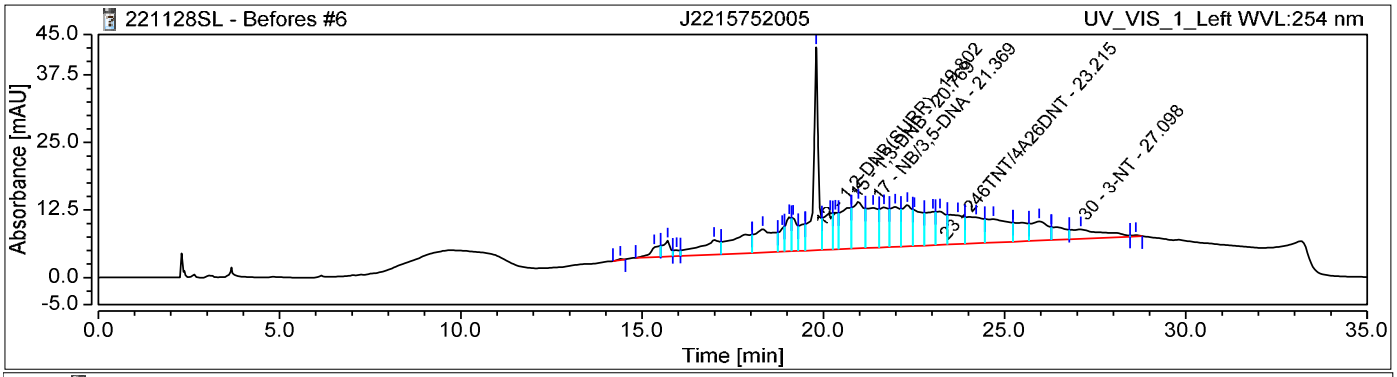
Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1,3-Dinitrobenzene	99-65-0	0.16	U	0.078	0.16	0.31	ug/L
2,4,6-Trinitrotoluene (TNT)	118-96-7	0.16	U	0.078	0.16	0.31	ug/L
2,4-Dinitrotoluene (2,4-DNT)	121-14-2	0.16	U	0.052	0.16	0.31	ug/L
2,6-Dinitrotoluene (2,6-DNT)	606-20-2	0.16	U	0.052	0.16	0.31	ug/L
2-Amino-4,6-Dinitrotoluene	35572-78-2	0.16	U	0.078	0.16	0.31	ug/L
2-Nitrotoluene	88-72-2	0.16	U	0.078	0.16	0.31	ug/L
3-Nitrotoluene	99-08-1	0.16	U	0.078	0.16	0.31	ug/L
Nitrobenzene	98-95-3	0.16	U	0.078	0.16	0.31	ug/L
Nitroglycerin	55-63-0	0.52	U	0.34	0.52	1.0	ug/L
PETN	78-11-5	0.52	U	0.26	0.52	1.0	ug/L
RDX	121-82-4	0.16	U	0.078	0.16	0.31	ug/L

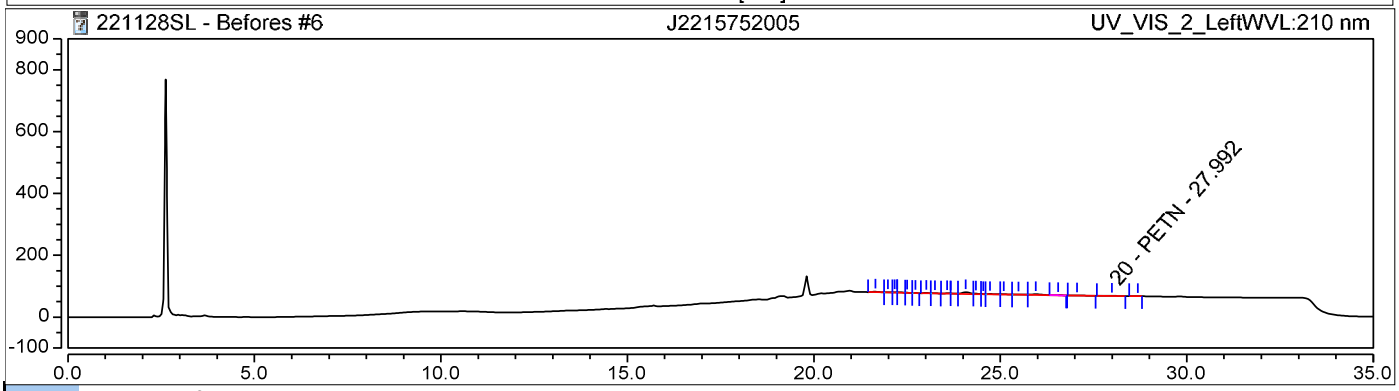
Chromatogram and Results

Injection Details

Injection Name:	**J2215752005**	*Analyst:*	**EMN**
File Number:	**S28A006**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**28/Nov/22 14:31**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
12	1,2-DNB(SURR)	19.802	5.818	37.572	10.22	20.81	3.4134
15	1,3-DNB	20.769	2.556	7.584	4.49	4.20	0.6514
17	NB/3,5-DNA	21.369	2.761	7.392	4.85	4.09	0.4583
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
23	246TNT/4A26DNT	23.215	1.932	6.201	3.39	3.43	0.4098
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
30	3-NT	27.098	1.845	1.736	3.24	0.96	0.9674
Total:			**14.913**	**60.485**	**26.20**	**33.50**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
20	PETN	27.992	0.202	0.541	3.35	2.09	0.1674
Total:			**0.202**	**0.541**	**3.35**	**2.09**	

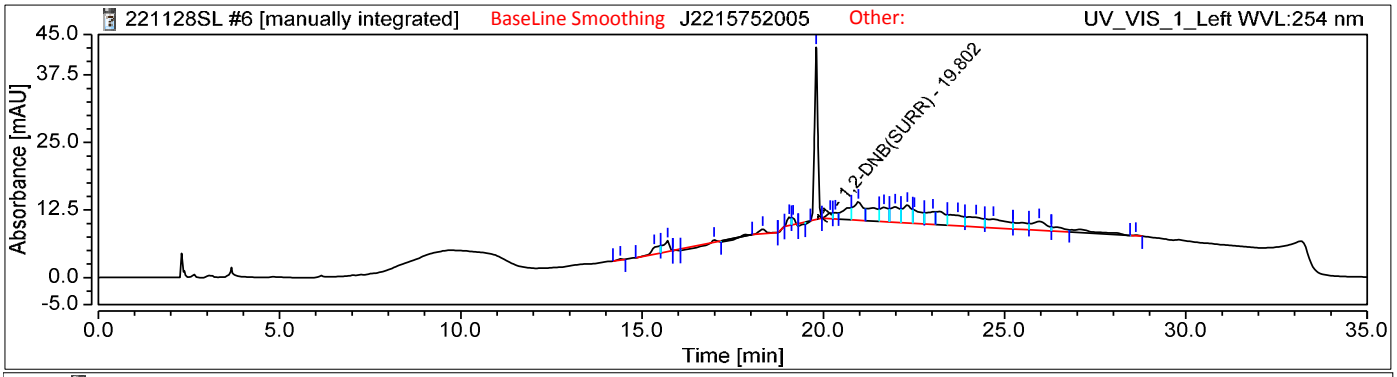
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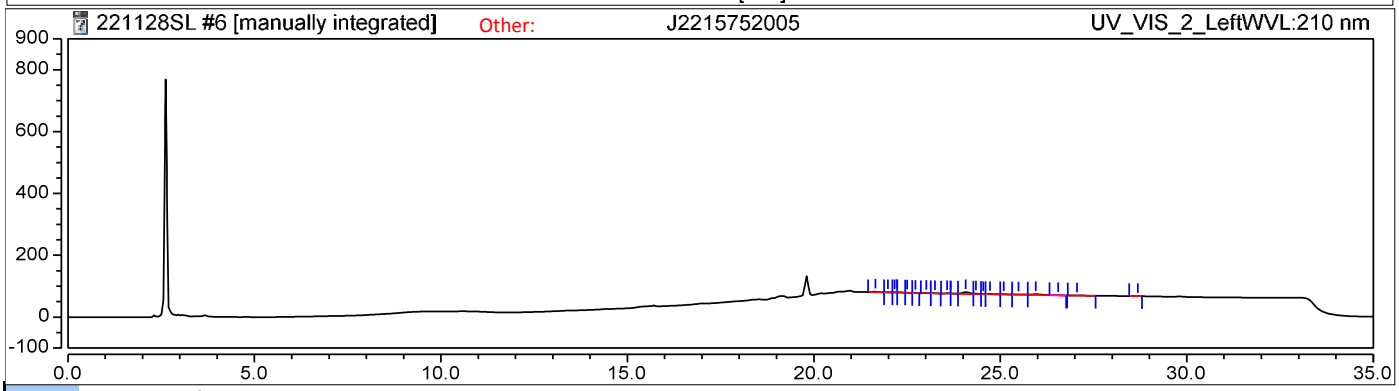
Chromatogram and Results

Injection Details

Injection Name:	**J2215752005**	*Analyst:*	**EMN**
File Number:	**S28A006**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**28/Nov/22 14:31**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
11	1,2-DNB(SURR)	19.802	3.295	31.900	22.20	46.55	1.9175
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	NB/3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	246TNT/4A26DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**3.295**	**31.900**	**22.20**	**46.55**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

Manual Integrations Reasons in Red

By Shaun West at 9:39 am, Jan 09, 2023

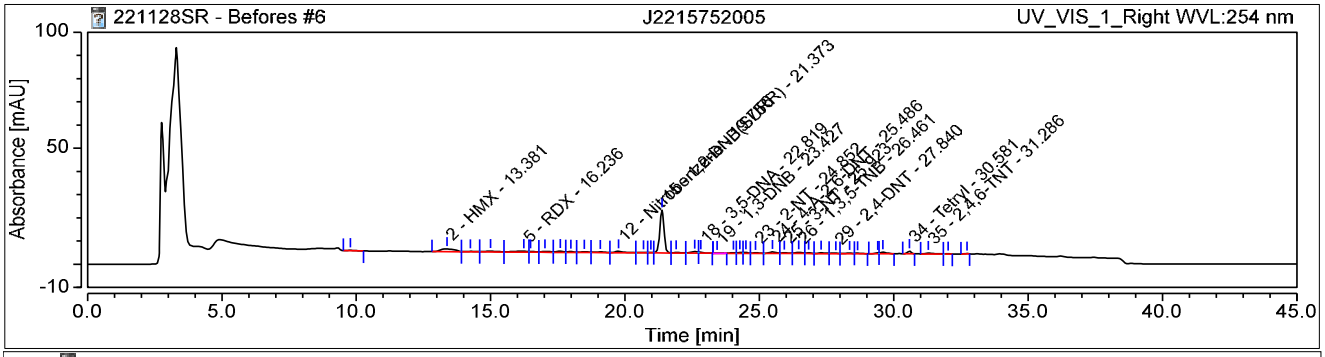
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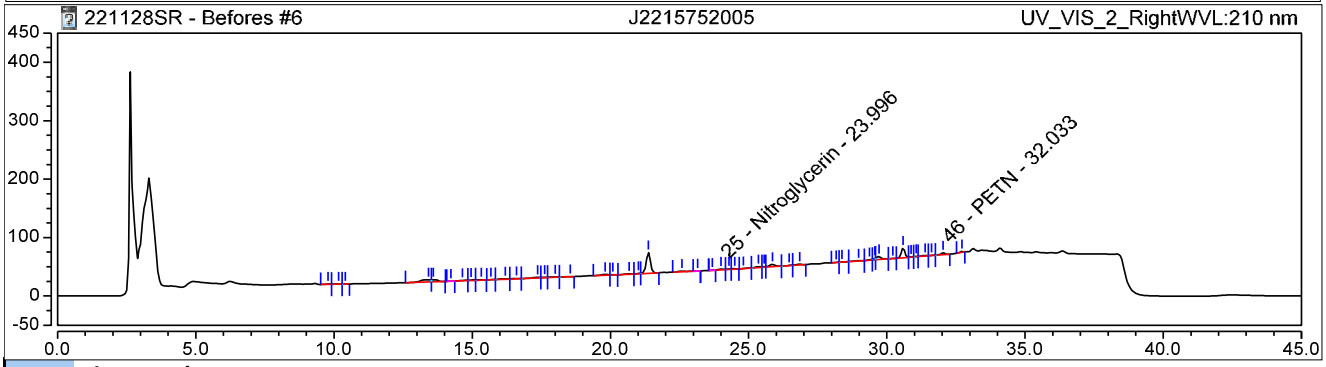
Chromatogram and Results

Injection Details

Injection Name:	**J2215752005**	*Analyst:*	**EMN**
File:	**S28B006**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**28/Nov/22 14:49**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
2	HMX	13.381	0.743	1.144	9.26	3.49	0.7386
5	RDX	16.236	0.250	0.418	3.12	1.28	0.1892
12	Nitrobenzene	19.756	0.239	0.630	2.98	1.93	0.0894
15	1,2-DNB(SURR)	21.373	3.313	18.369	41.27	56.10	1.8694
18	3,5-DNA	22.819	0.097	0.433	1.20	1.32	0.0249
19	1,3-DNB	23.427	0.027	0.104	0.34	0.32	0.0060
23	2-NT	24.852	0.076	0.228	0.95	0.70	0.0475
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
24	4-A-2,6-DNT	25.486	0.204	0.664	2.54	2.03	0.0996
25	3-NT	25.923	0.117	0.342	1.46	1.05	0.0648
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
26	1,3,5-TNB	26.461	0.167	0.510	2.08	1.56	0.0550
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
29	2,4-DNT	27.840	0.066	0.209	0.82	0.64	0.0138
34	Tetryl	30.581	0.171	1.109	2.14	3.39	0.0729
35	2,4,6-TNT	31.286	0.152	0.409	1.89	1.25	0.0514
Total:			**5.623**	**24.569**	**70.05**	**75.04**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
25	Nitroglycerin	23.996	0.320	1.502	1.49	1.47	0.2953
46	PETN	32.033	0.554	3.110	2.59	3.04	0.4229
Total:			**0.874**	**4.612**	**4.08**	**4.50**	

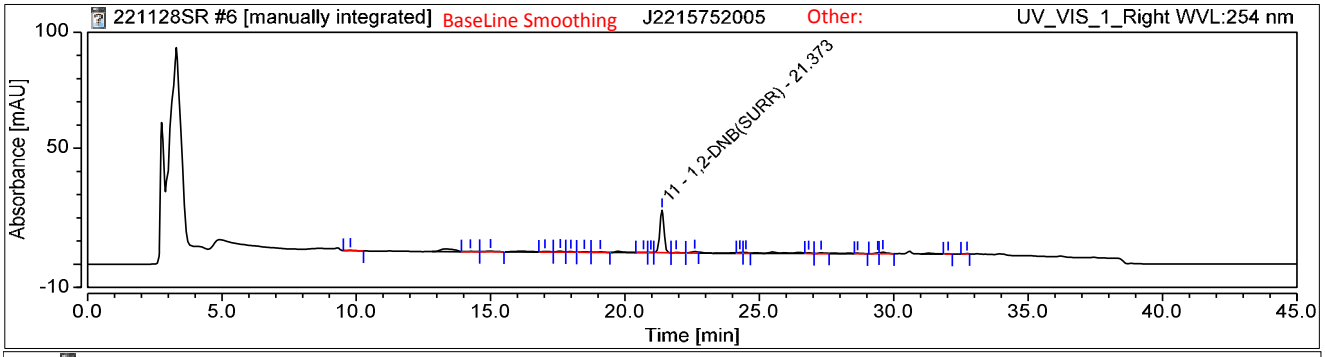
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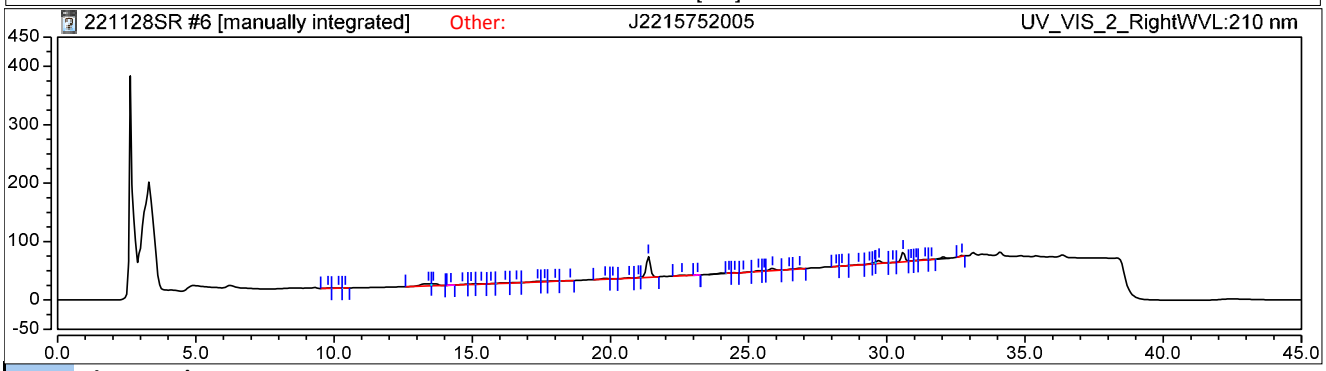
Chromatogram and Results

Injection Details

Injection Name:	**J2215752005**	*Analyst:*	**EMN**
File:	**S28B006**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**28/Nov/22 14:49**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Nitrobenzene	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
11	1,2-DNB(SURR)	21.373	3.238	18.254	65.27	73.96	1.8274
n.a.	3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-A-2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4,6-TNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**3.238**	**18.254**	**65.27**	**73.96**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

Manual Integrations Reasons in Red

By Shaun West at 9:41 am, Jan 09, 2023

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Semi Volatile GC Analysis Results

FORM 1

EPA 8330B

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Sample ID:	J2215752006	**Client ID:**	A143-RS886-GW-AEB3072-REG
Date Collected:	11/17/2022 12:56	**Matrix:**	WATER
Date Analyzed:	11/23/2022 00:13:00	**File ID:**	S22A014|S22B014
Date Extracted:	11/22/2022 14:13	**Instrument ID:**	J11S
Dilution:	1	**Analytical Run ID:**	221122S-8330
Sample Wt/Vol:	970.00 mL	**% Moisture:**	100
Extract Vol:	5000 uL	**Lims Prep Batch:**	5220
Prep Method:	EPA 3535A	**Lims Analytical Batch:**	1694

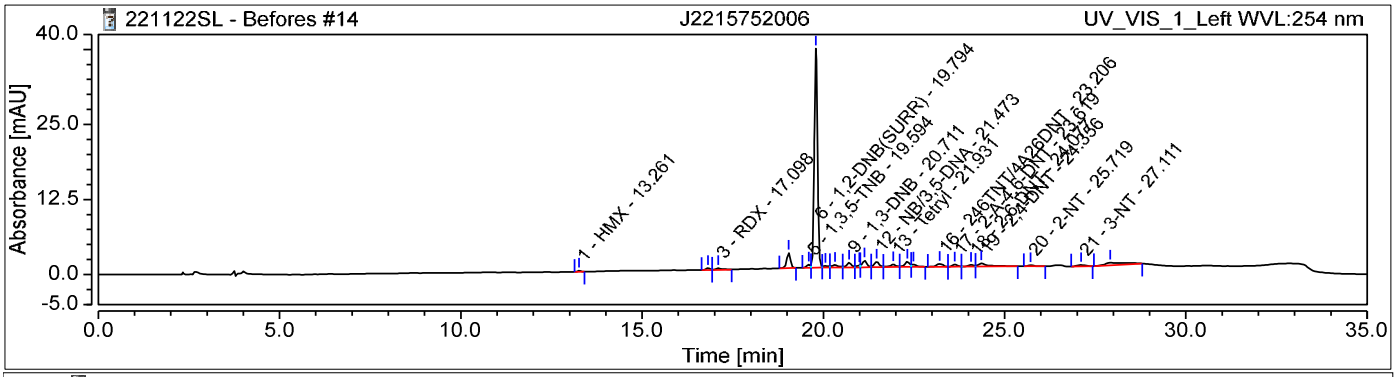
Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1,3-Dinitrobenzene	99-65-0	0.15	U	0.077	0.15	0.31	ug/L
2,4,6-Trinitrotoluene (TNT)	118-96-7	0.32		0.077	0.15	0.31	ug/L
2,4-Dinitrotoluene (2,4-DNT)	121-14-2	0.15	U	0.052	0.15	0.31	ug/L
2,6-Dinitrotoluene (2,6-DNT)	606-20-2	0.15	U	0.052	0.15	0.31	ug/L
2-Amino-4,6-Dinitrotoluene	35572-78-2	0.15	U	0.077	0.15	0.31	ug/L
2-Nitrotoluene	88-72-2	0.15	U	0.077	0.15	0.31	ug/L
3-Nitrotoluene	99-08-1	0.15	U	0.077	0.15	0.31	ug/L
Nitrobenzene	98-95-3	0.15	U	0.077	0.15	0.31	ug/L
Nitroglycerin	55-63-0	0.52	U	0.34	0.52	1.0	ug/L
PETN	78-11-5	0.52	U	0.26	0.52	1.0	ug/L
RDX	121-82-4	0.15	U	0.077	0.15	0.31	ug/L

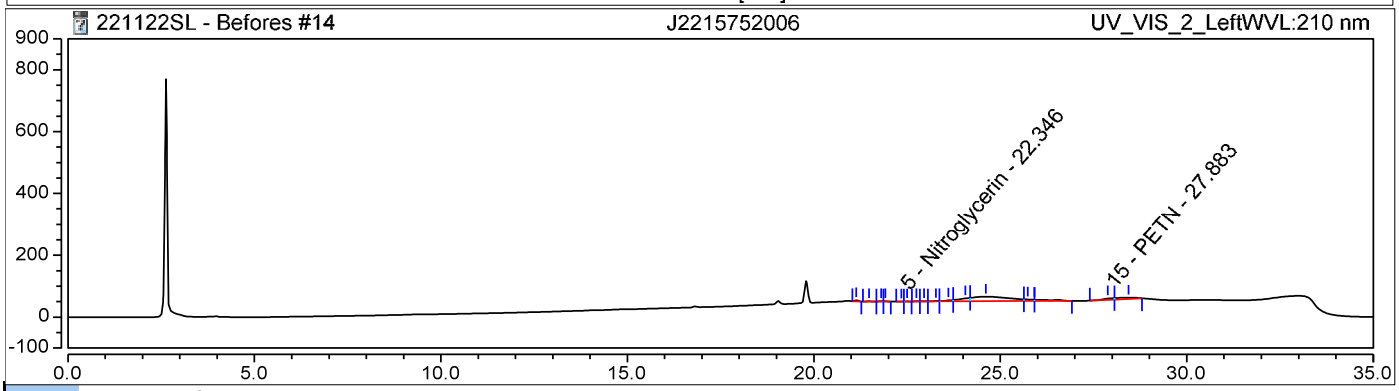
Chromatogram and Results

Injection Details

Injection Name:	**J2215752006**	*Analyst:*	**EMN**
File Number:	**S22A014**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 00:13**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.261	0.019	0.186	0.32	0.38	0.0100
3	RDX	17.098	0.054	0.262	0.92	0.54	0.0355
5	1,3,5-TNB	19.594	0.059	0.531	1.01	1.09	0.0227
6	1,2-DNB(SURR)	19.794	3.687	36.491	63.19	75.11	2.1500
9	1,3-DNB	20.711	0.124	0.812	2.12	1.67	0.0278
12	NB/3,5-DNA	21.473	0.145	0.929	2.49	1.91	0.0216
13	Tetryl	21.931	0.089	0.453	1.53	0.93	0.0390
16	246TNT/4A26DNT	23.206	0.101	0.477	1.73	0.98	0.0160
17	2-A-4,6-DNT	23.619	0.060	0.376	1.03	0.77	0.0178
18	2,6-DNT	24.077	0.056	0.296	0.96	0.61	0.0293
19	2,4-DNT	24.356	0.164	0.538	2.82	1.11	0.0421
20	2-NT	25.719	0.034	0.173	0.59	0.36	0.0179
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
21	3-NT	27.111	0.065	0.221	1.11	0.46	0.0357
Total:			**4.657**	**41.744**	**79.80**	**85.93**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
5	Nitroglycerin	22.346	0.041	0.323	0.14	0.61	0.0215
15	PETN	27.883	1.503	4.656	5.10	8.76	1.0446
Total:			**1.544**	**4.979**	**5.23**	**9.37**	

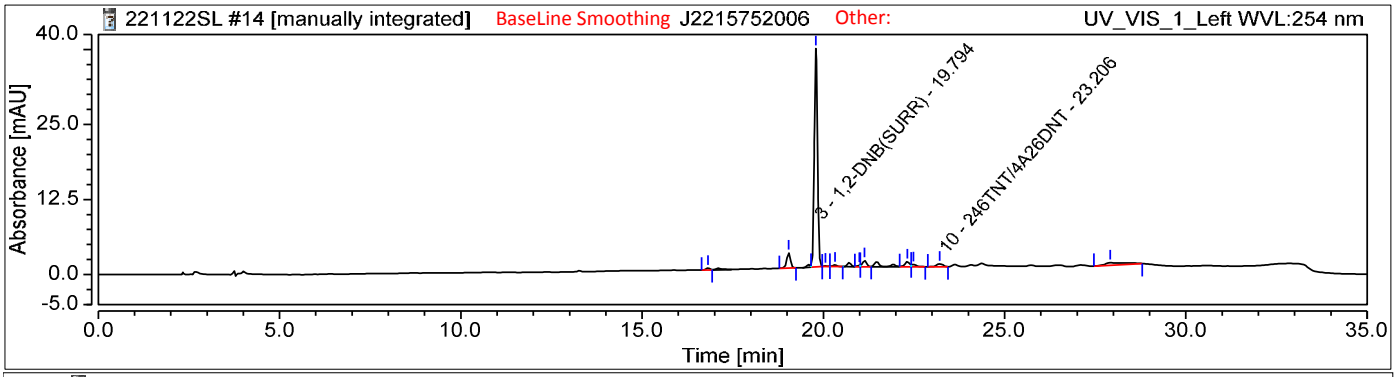
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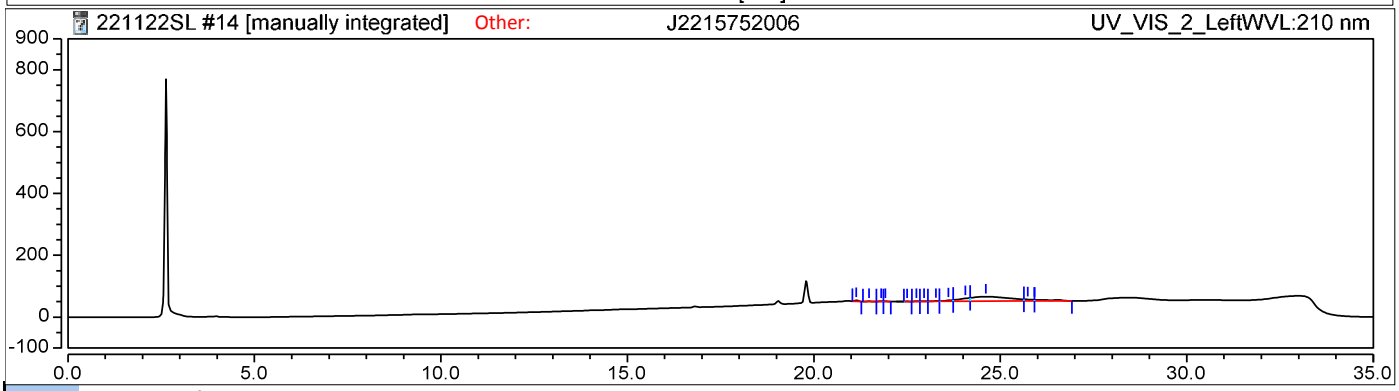
Chromatogram and Results

Injection Details

Injection Name:	**J2215752006**	*Analyst:*	**EMN**
File Number:	**S22A014**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 00:13**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3	1,2-DNB(SURR)	19.794	3.650	36.378	76.29	84.34	2.1281
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	NB/3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
10	246TNT/4A26DNT	23.206	0.101	0.477	2.11	1.11	0.0160
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**3.751**	**36.855**	**78.40**	**85.44**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

Manual Integrations Reasons in Red

By Shaun West at 5:04 pm, Jan 06, 2023

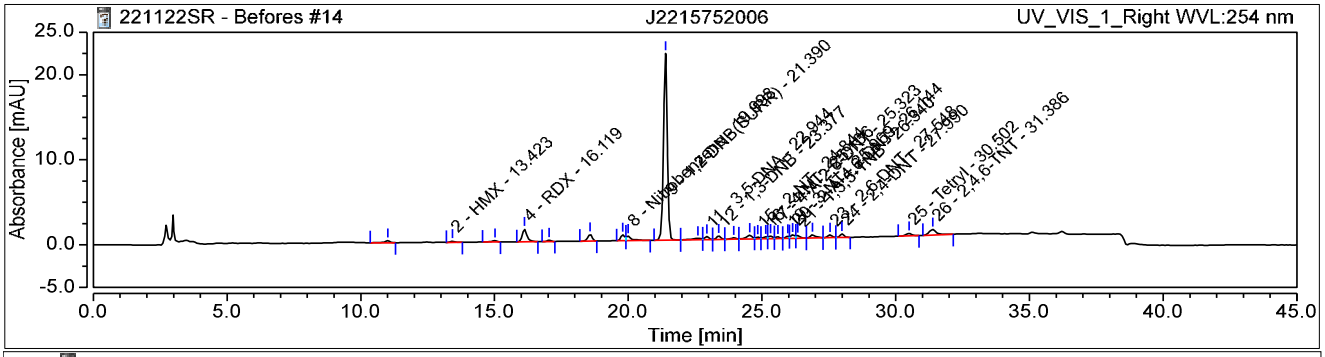
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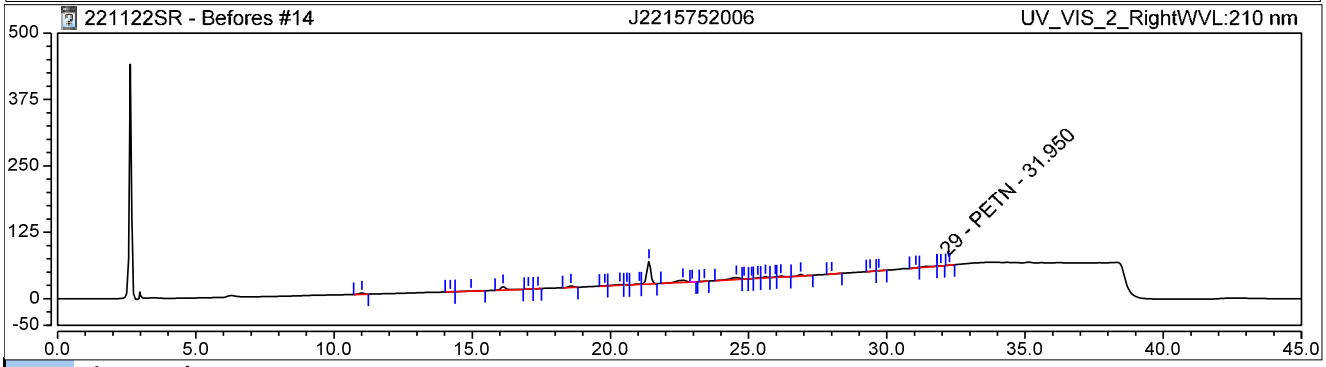
Chromatogram and Results

Injection Details

Injection Name:	**J2215752006**	*Analyst:*	**EMN**
File:	**S22B014**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 01:07**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
2	HMX	13.423	0.026	0.141	0.45	0.44	0.0186
4	RDX	16.119	0.308	1.493	5.38	4.71	0.2347
8	Nitrobenzene	19.998	0.129	0.530	2.25	1.67	0.0488
9	1,2-DNB(SURR)	21.390	3.680	21.974	64.23	69.29	2.0763
11	3,5-DNA	22.944	0.067	0.366	1.17	1.15	0.0159
12	1,3-DNB	23.377	0.072	0.398	1.26	1.26	0.0174
15	2-NT	24.844	0.033	0.203	0.57	0.64	0.0230
16	4-NT	25.136	0.038	0.221	0.66	0.70	0.0299
17	4-A-2,6-DNT	25.323	0.055	0.296	0.95	0.93	0.0222
19	3-NT	25.969	0.035	0.243	0.61	0.77	0.0260
20	2-A-4,6-DNT	26.144	0.072	0.391	1.25	1.23	0.0133
21	1,3,5-TNB	26.340	0.053	0.303	0.92	0.96	0.0120
23	2,6-DNT	27.548	0.063	0.326	1.10	1.03	0.0345
24	2,4-DNT	27.990	0.076	0.421	1.33	1.33	0.0165
25	Tetryl	30.502	0.072	0.300	1.25	0.95	0.0265
26	2,4,6-TNT	31.386	0.209	0.650	3.64	2.05	0.0729
Total:			**4.986**	**28.257**	**87.03**	**89.10**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
29	PETN	31.950	0.046	0.228	0.27	0.28	0.0628
Total:			**0.046**	**0.228**	**0.27**	**0.28**	

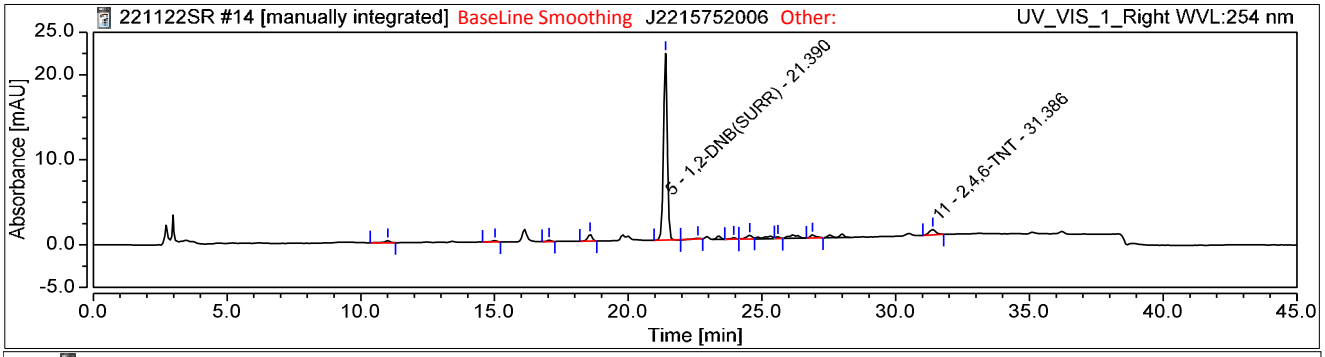
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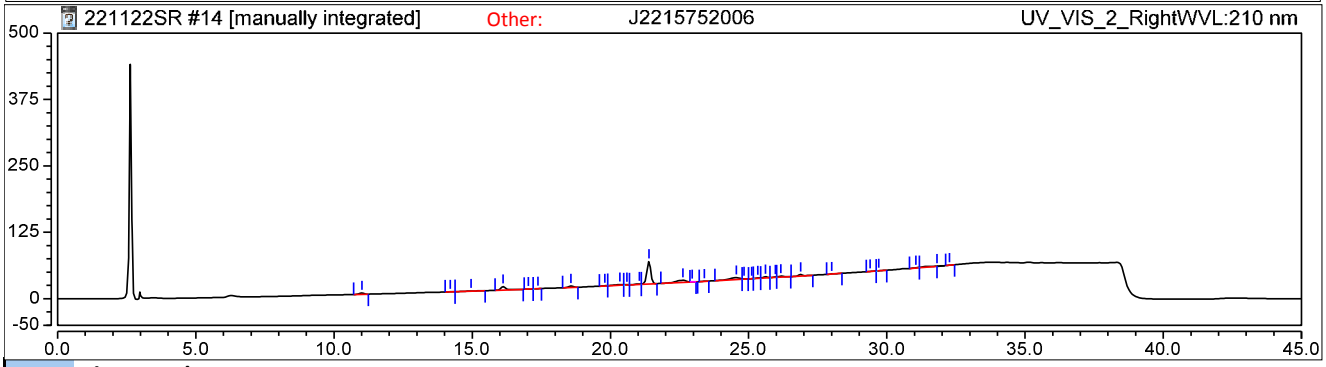
Chromatogram and Results

Injection Details

Injection Name:	**J2215752006**	*Analyst:*	**EMN**
File:	**S22B014**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 01:07**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Nitrobenzene	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	1,2-DNB(SURR)	21.390	3.651	21.950	83.24	86.94	2.0603
n.a.	3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-A-2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
11	2,4,6-TNT	31.386	0.181	0.627	4.13	2.48	0.0624
Total:			**3.832**	**22.577**	**87.37**	**89.43**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

Manual Integrations Reasons in Red

By Shaun West at 5:21 pm, Jan 06, 2023

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Chromeleon 7.3.0.60919

Advanced Environmental Laboratories, Inc.

Semi Volatile GC Analysis Results

FORM 1

EPA 8330B

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2215752007**		**Client ID:**	**A143-RS615-GW-AEB3064-REG**	
Date Collected:	**11/17/2022**	**12:31**	**Matrix:**	**WATER**	
Date Analyzed:	**11/23/2022**	**00:55:00**	**File ID:**	**S22A015|S22B015**	
Date Extracted:	**11/22/2022**	**14:14**	**Instrument ID:**	**J11S**	
Dilution:	**1**		**Analytical Run ID:**	**221122S-8330**	
Sample Wt/Vol:	**1000.00**	**mL**	**% Moisture:**	**100**	
Extract Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5220**	
Prep Method:	**EPA 3535A**		**Lims Analytical Batch:**	**1694**	

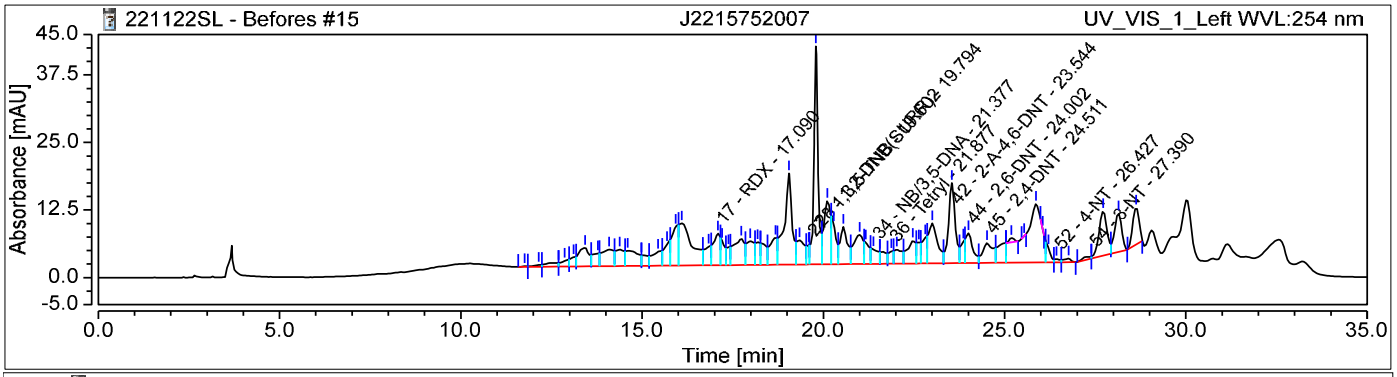
Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1,3-Dinitrobenzene	99-65-0	0.15	U	0.075	0.15	0.30	ug/L
2,4,6-Trinitrotoluene (TNT)	118-96-7	0.15	U	0.075	0.15	0.30	ug/L
2,4-Dinitrotoluene (2,4-DNT)	121-14-2	0.15	U	0.050	0.15	0.30	ug/L
2,6-Dinitrotoluene (2,6-DNT)	606-20-2	0.15	U	0.050	0.15	0.30	ug/L
2-Amino-4,6-Dinitrotoluene	35572-78-2	0.15	U	0.075	0.15	0.30	ug/L
2-Nitrotoluene	88-72-2	0.15	U	0.075	0.15	0.30	ug/L
3-Nitrotoluene	99-08-1	0.15	U	0.075	0.15	0.30	ug/L
Nitrobenzene	98-95-3	0.15	U	0.075	0.15	0.30	ug/L
Nitroglycerin	55-63-0	0.50	U	0.32	0.50	1.0	ug/L
PETN	78-11-5	0.50	U	0.25	0.50	1.0	ug/L
RDX	121-82-4	0.15	U	0.075	0.15	0.30	ug/L

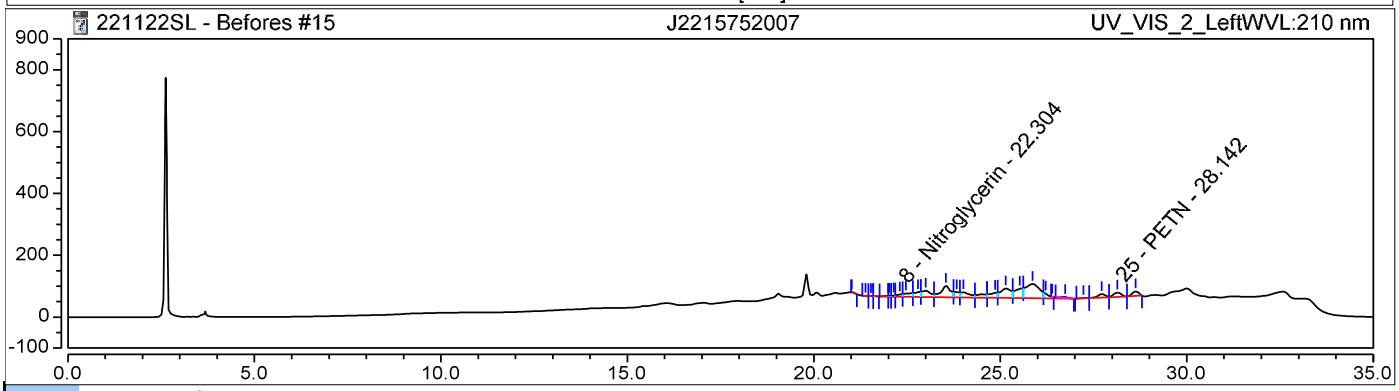
Chromatogram and Results

Injection Details

Injection Name:	**J2215752007**	*Analyst:*	**EMN**
File Number:	**S22A015**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 00:55**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
17	RDX	17.090	1.248	5.888	1.90	2.08	0.9580
27	1,3,5-TNB	19.602	0.306	3.584	0.47	1.27	0.1082
28	1,2-DNB(SURR)	19.794	5.178	40.336	7.89	14.27	3.0336
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
34	NB/3,5-DNA	21.377	0.665	2.714	1.01	0.96	0.1085
36	Tetryl	21.877	0.372	2.304	0.57	0.82	0.1650
n.a.	246TNT/4A26DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
42	2-A-4,6-DNT	23.544	3.151	14.841	4.80	5.25	1.1136
44	2,6-DNT	24.002	1.274	5.515	1.94	1.95	0.7096
45	2,4-DNT	24.511	1.236	3.655	1.88	1.29	0.3301
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
52	4-NT	26.427	0.104	0.619	0.16	0.22	0.0688
54	3-NT	27.390	0.128	0.359	0.20	0.13	0.0691
Total:			**13.660**	**79.815**	**20.81**	**28.24**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
8	Nitroglycerin	22.304	1.306	7.646	1.44	2.33	0.9214
25	PETN	28.142	3.362	13.997	3.71	4.27	2.2975
Total:			**4.668**	**21.643**	**5.15**	**6.61**	

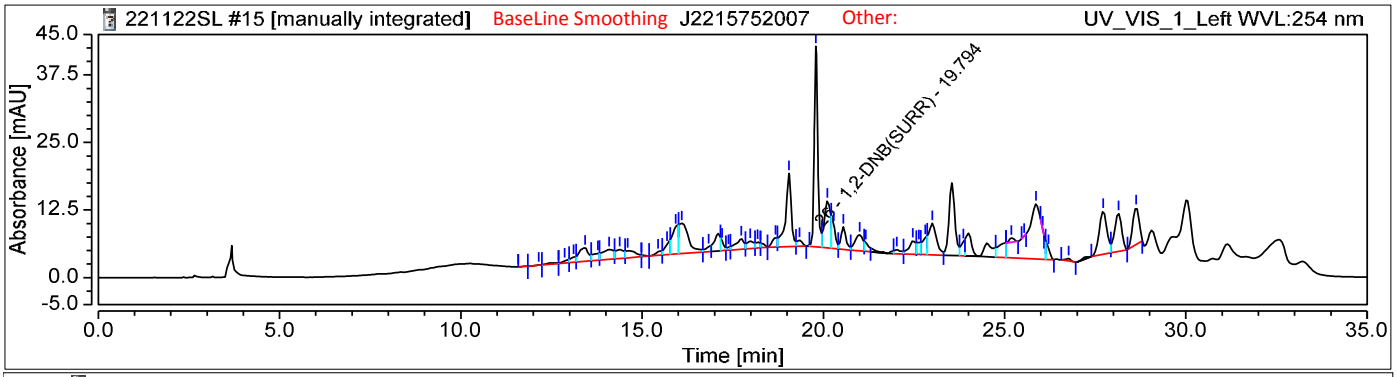
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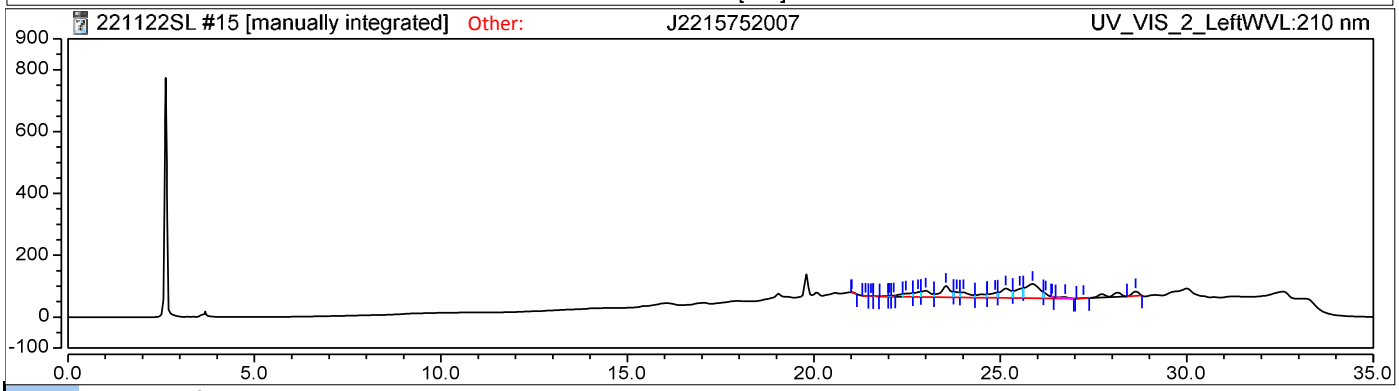
Chromatogram and Results

Injection Details

Injection Name:	**J2215752007**	*Analyst:*	**EMN**
File Number:	**S22A015**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 00:55**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
26	1,2-DNB(SURR)	19.794	4.088	37.111	12.14	22.74	2.3873
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	NB/3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	246TNT/4A26DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**4.088**	**37.111**	**12.14**	**22.74**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

Manual Integrations Reasons in Red

By Shaun West at 5:04 pm, Jan 06, 2023

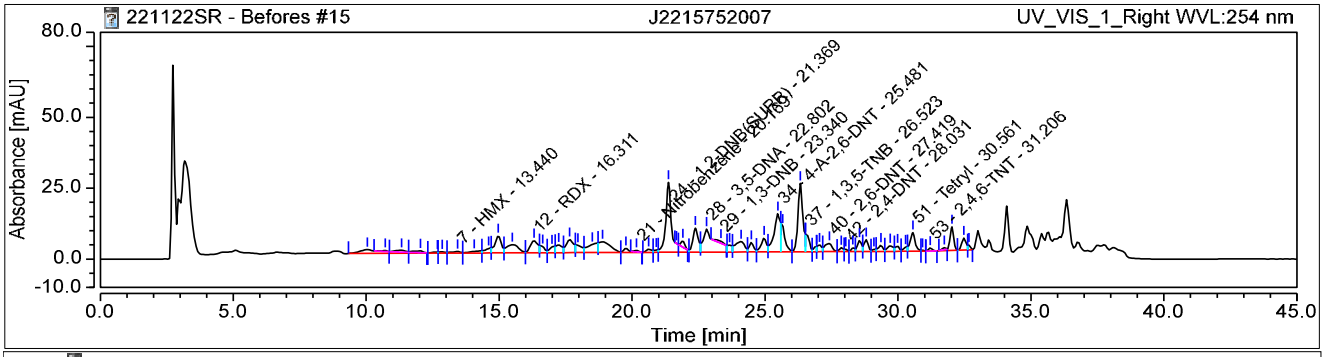
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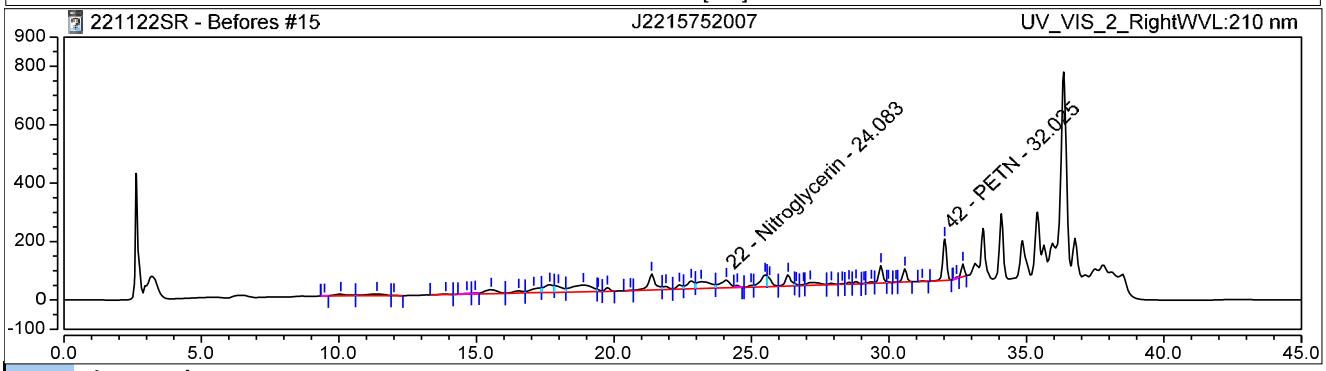
Chromatogram and Results

Injection Details

Injection Name:	**J2215752007**	*Analyst:*	**EMN**
File:	**S22B015**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 01:54**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
7	HMX	13.440	0.198	0.523	0.37	0.25	0.1916
12	RDX	16.311	1.395	4.262	2.59	2.07	1.0889
21	Nitrobenzene	20.169	0.107	0.502	0.20	0.24	0.0406
24	1,2-DNB(SURR)	21.369	6.535	24.654	12.13	11.99	3.6863
28	3,5-DNA	22.802	4.245	8.100	7.88	3.94	1.2825
29	1,3-DNB	23.340	0.239	0.707	0.44	0.34	0.0604
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
34	4-A-2,6-DNT	25.481	3.525	13.510	6.54	6.57	1.8206
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
37	1,3,5-TNB	26.523	0.954	5.982	1.77	2.91	0.3505
40	2,6-DNT	27.419	0.933	2.939	1.73	1.43	0.5126
42	2,4-DNT	28.031	0.092	0.791	0.17	0.38	0.0210
51	Tetryl	30.561	1.447	6.614	2.69	3.22	0.6669
53	2,4,6-TNT	31.206	0.183	1.052	0.34	0.51	0.0631
Total:			**19.854**	**69.637**	**36.85**	**33.86**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
22	Nitroglycerin	24.083	11.302	26.424	5.30	3.43	8.6115
42	PETN	32.025	22.882	141.710	10.73	18.40	16.2432
Total:			**34.183**	**168.134**	**16.02**	**21.83**	

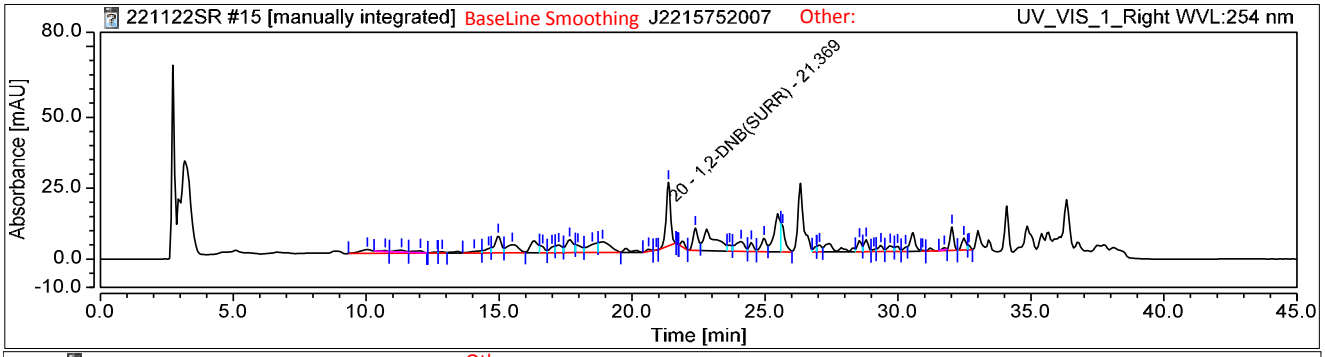
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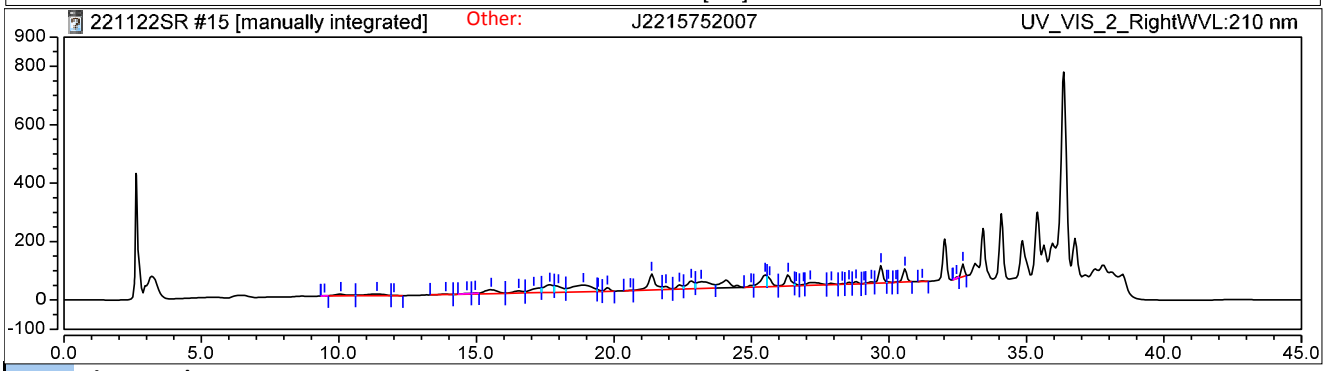
Chromatogram and Results

Injection Details

Injection Name:	**J2215752007**	*Analyst:*	**EMN**
File:	**S22B015**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 01:54**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Nitrobenzene	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
20	1,2-DNB(SURR)	21.369	4.270	22.408	13.35	17.81	2.4093
n.a.	3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-A-2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4,6-TNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**4.270**	**22.408**	**13.35**	**17.81**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

Manual Integrations Reasons in Red

By Shaun West at 5:22 pm, Jan 06, 2023

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Chromeleon 7.3.0.60919

Semi Volatile GC Analysis Results

FORM 1

EPA 8330B

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Sample ID:	J2215752008	**Client ID:**	A143-RS569-GW-AEB3062-REG
Date Collected:	11/17/2022 13:46	**Matrix:**	WATER
Date Analyzed:	11/23/2022 01:37:00	**File ID:**	S22A016|S22B016
Date Extracted:	11/22/2022 14:13	**Instrument ID:**	J11S
Dilution:	1	**Analytical Run ID:**	221122S-8330
Sample Wt/Vol:	980.00 mL	**% Moisture:**	100
Extract Vol:	5000 uL	**Lims Prep Batch:**	5220
Prep Method:	EPA 3535A	**Lims Analytical Batch:**	1694

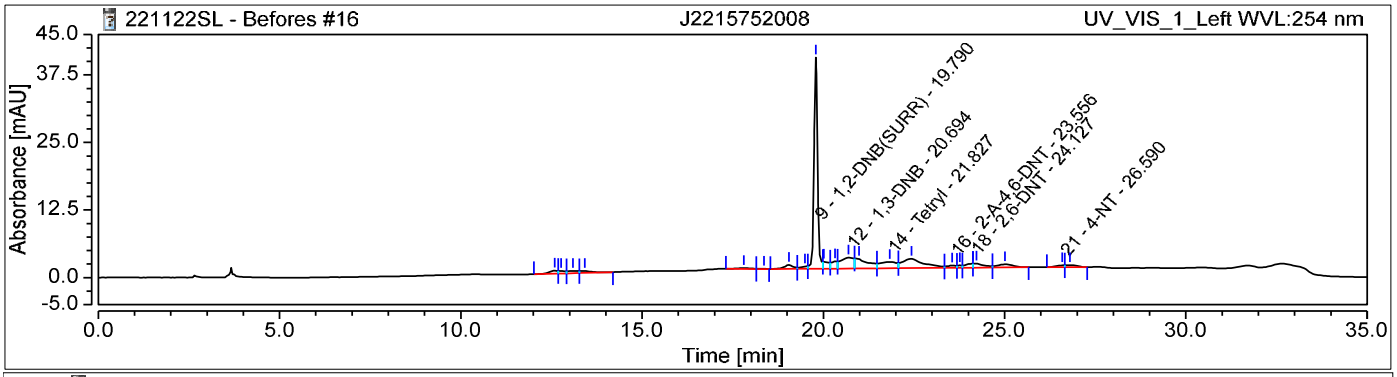
Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1,3-Dinitrobenzene	99-65-0	0.15	U	0.077	0.15	0.31	ug/L
2,4,6-Trinitrotoluene (TNT)	118-96-7	0.15	U	0.077	0.15	0.31	ug/L
2,4-Dinitrotoluene (2,4-DNT)	121-14-2	0.15	U	0.051	0.15	0.31	ug/L
2,6-Dinitrotoluene (2,6-DNT)	606-20-2	0.15	U	0.051	0.15	0.31	ug/L
2-Amino-4,6-Dinitrotoluene	35572-78-2	0.15	U	0.077	0.15	0.31	ug/L
2-Nitrotoluene	88-72-2	0.15	U	0.077	0.15	0.31	ug/L
3-Nitrotoluene	99-08-1	0.15	U	0.077	0.15	0.31	ug/L
Nitrobenzene	98-95-3	0.15	U	0.077	0.15	0.31	ug/L
Nitroglycerin	55-63-0	0.51	U	0.33	0.51	1.0	ug/L
PETN	78-11-5	0.51	U	0.26	0.51	1.0	ug/L
RDX	121-82-4	0.15	U	0.077	0.15	0.31	ug/L

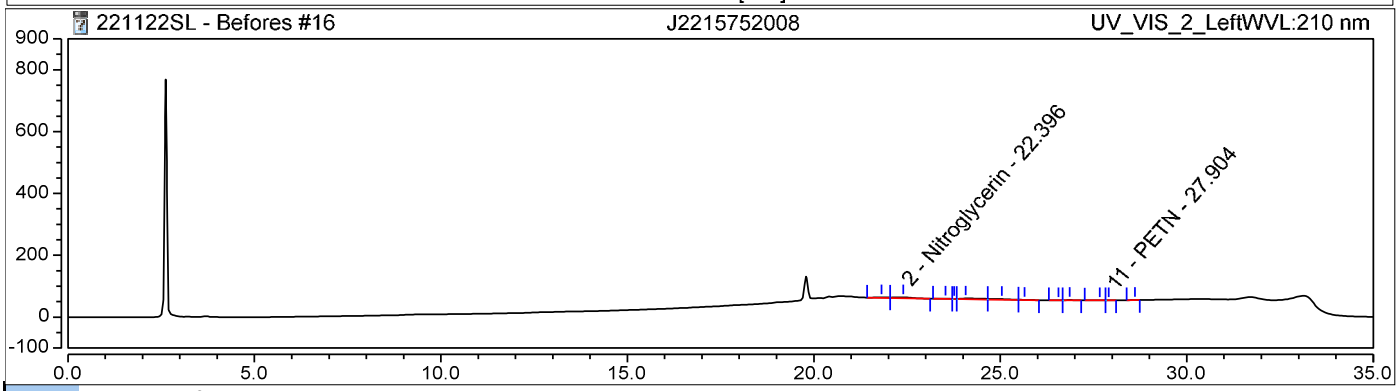
Chromatogram and Results

Injection Details

Injection Name:	**J2215752008**	*Analyst:*	**EMN**
File Number:	**S22A016**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 01:37**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
9	1,2-DNB(SURR)	19.790	4.321	39.088	41.78	70.50	2.5257
12	1,3-DNB	20.694	0.821	2.011	7.94	3.63	0.2066
n.a.	NB/3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
14	Tetryl	21.827	0.617	1.169	5.97	2.11	0.2746
n.a.	246TNT/4A26DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
16	2-A-4,6-DNT	23.556	0.120	0.429	1.16	0.77	0.0390
18	2,6-DNT	24.127	0.178	0.725	1.72	1.31	0.0975
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
21	4-NT	26.590	0.093	0.346	0.90	0.62	0.0618
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**6.151**	**43.768**	**59.47**	**78.95**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
2	Nitroglycerin	22.396	1.703	3.266	27.10	25.28	1.2037
11	PETN	27.904	0.036	0.204	0.57	1.58	0.0554
Total:			**1.738**	**3.470**	**27.67**	**26.87**	

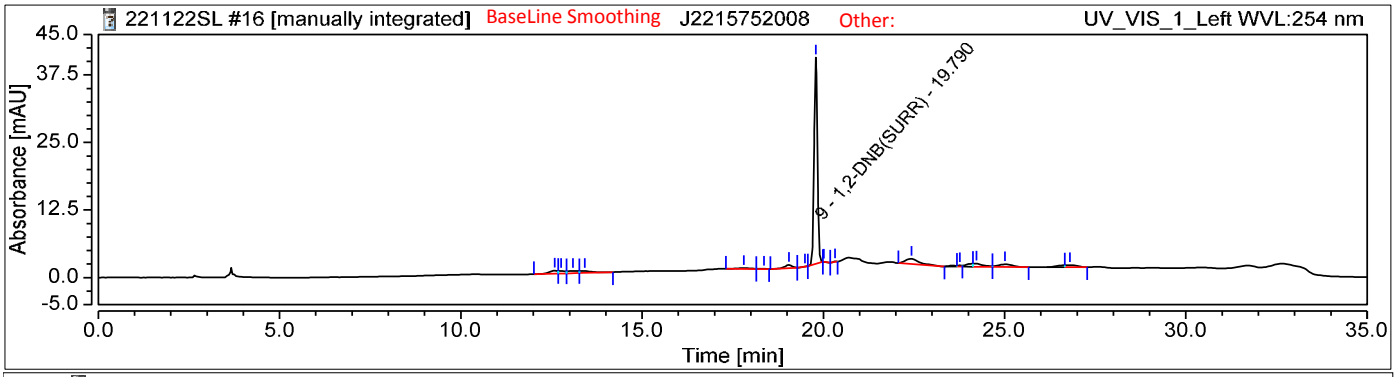
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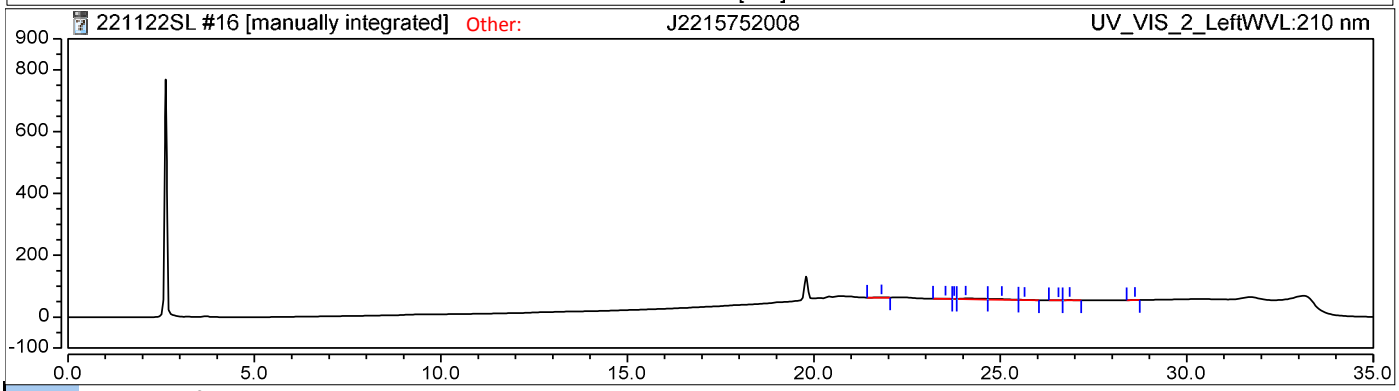
Chromatogram and Results

Injection Details

Injection Name:	**J2215752008**	*Analyst:*	**EMN**
File Number:	**S22A016**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 01:37**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
9	1,2-DNB(SURR)	19.790	3.966	38.208	68.59	87.04	2.3155
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	NB/3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	246TNT/4A26DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**3.966**	**38.208**	**68.59**	**87.04**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

Manual Integrations Reasons in Red

By Shaun West at 5:05 pm, Jan 06, 2023

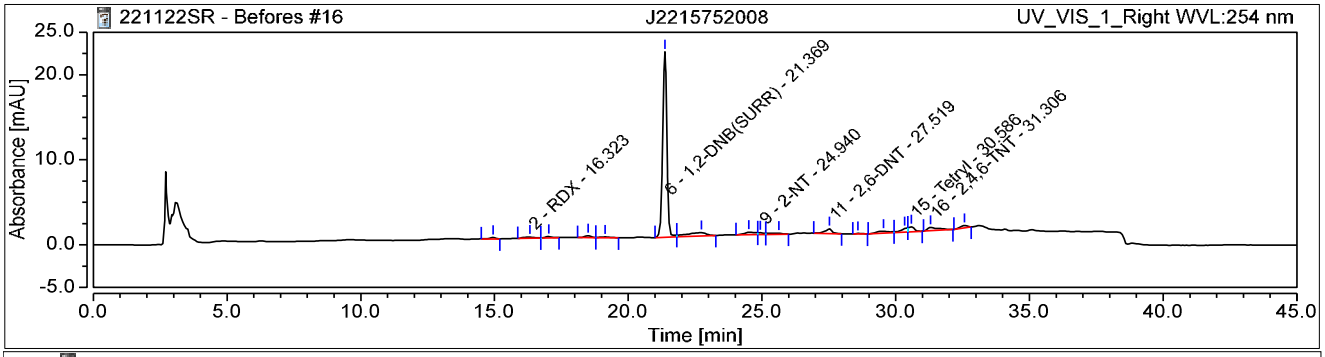
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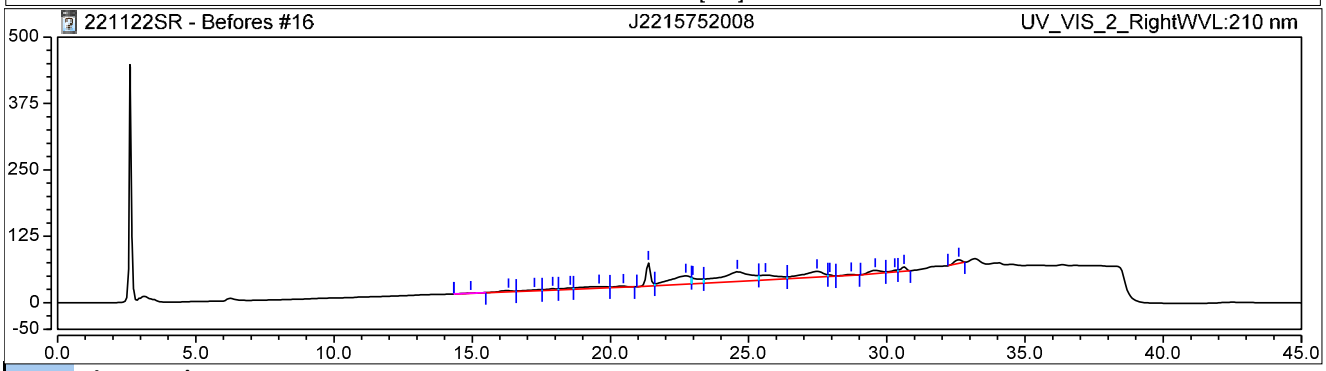
Chromatogram and Results

Injection Details

Injection Name:	**J2215752008**	*Analyst:*	**EMN**
File:	**S22B016**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 02:41**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2	RDX	16.323	0.070	0.144	1.22	0.55	0.0477
n.a.	Nitrobenzene	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
6	1,2-DNB(SURR)	21.369	3.951	21.795	68.84	83.18	2.2292
n.a.	3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
9	2-NT	24.940	0.055	0.216	0.97	0.82	0.0359
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-A-2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
11	2,6-DNT	27.519	0.167	0.561	2.91	2.14	0.0919
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
15	Tetryl	30.586	0.148	0.589	2.58	2.25	0.0619
16	2,4,6-TNT	31.306	0.193	0.391	3.36	1.49	0.0669
Total:			**4.585**	**23.696**	**79.88**	**90.43**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

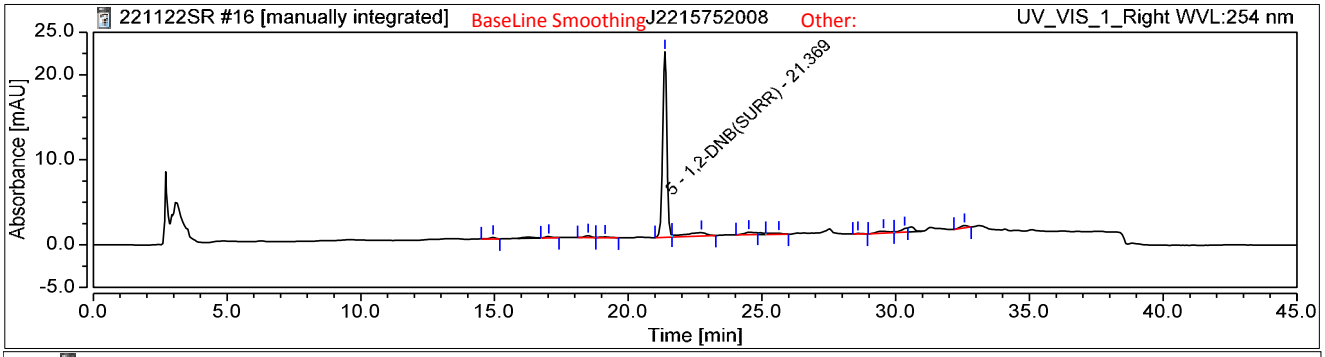
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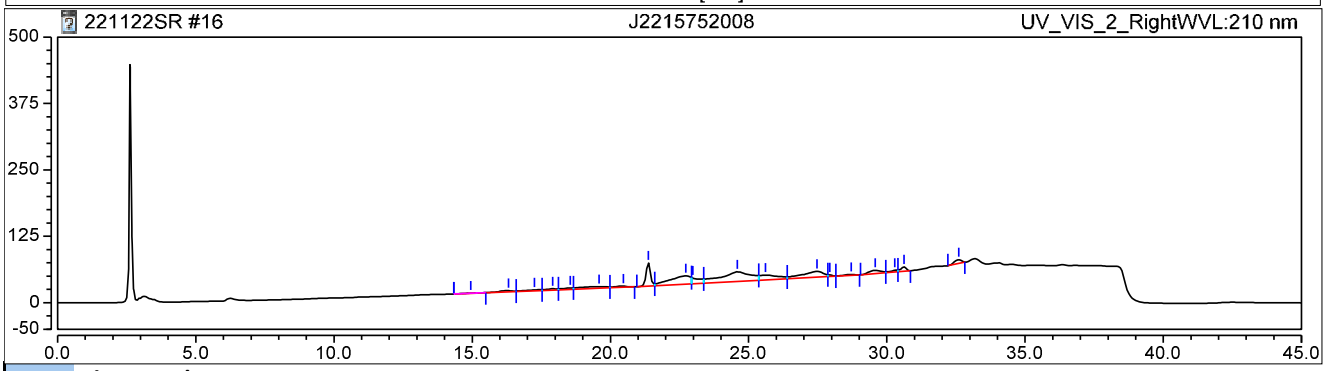
Chromatogram and Results

Injection Details

Injection Name:	**J2215752008**	*Analyst:*	**EMN**
File:	**S22B016**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 02:41**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Nitrobenzene	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	1,2-DNB(SURR)	21.369	3.915	21.795	76.68	89.68	2.2091
n.a.	3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-A-2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4,6-TNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**3.915**	**21.795**	**76.68**	**89.68**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

Manual Integrations Reasons in Red

By Shaun West at 5:22 pm, Jan 06, 2023

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Advanced Environmental Laboratories, Inc.

Semi Volatile GC Analysis Results

FORM 1

EPA 8330B

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2215752009**		**Client ID:**	**143-RS2648-GW-AEB3085-REG**	
Date Collected:	**11/17/2022**	**15:16**	**Matrix:**	**WATER**	
Date Analyzed:	**11/23/2022**	**02:19:00**	**File ID:**	**S22A017|S22B017**	
Date Extracted:	**11/22/2022**	**14:13**	**Instrument ID:**	**J11S**	
Dilution:	**1**		**Analytical Run ID:**	**221122S-8330**	
Sample Wt/Vol:	**930.00**	**mL**	**% Moisture:**	**100**	
Extract Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5220**	
Prep Method:	**EPA 3535A**		**Lims Analytical Batch:**	**1694**	

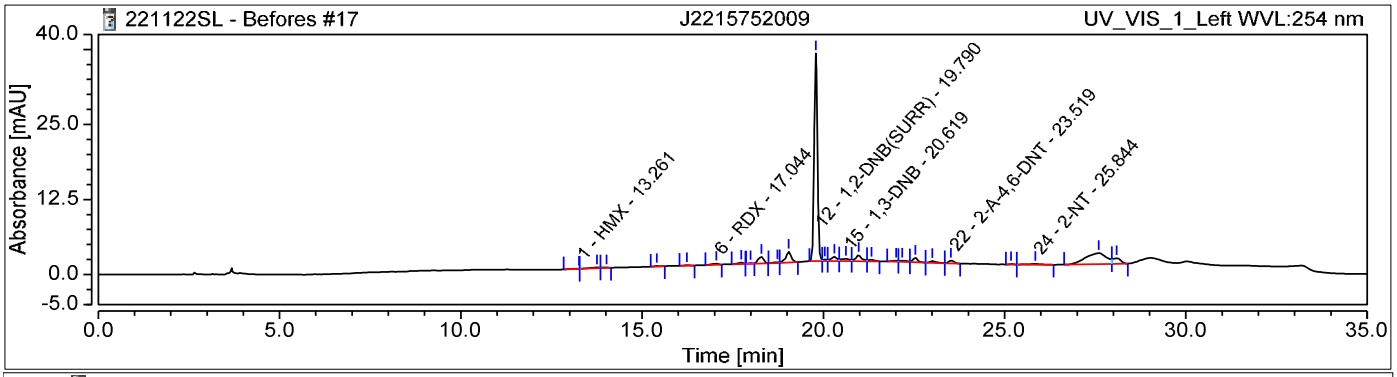
Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1,3-Dinitrobenzene	99-65-0	0.16	U	0.081	0.16	0.32	ug/L
2,4,6-Trinitrotoluene (TNT)	118-96-7	0.16	U	0.081	0.16	0.32	ug/L
2,4-Dinitrotoluene (2,4-DNT)	121-14-2	0.16	U	0.054	0.16	0.32	ug/L
2,6-Dinitrotoluene (2,6-DNT)	606-20-2	0.16	U	0.054	0.16	0.32	ug/L
2-Amino-4,6-Dinitrotoluene	35572-78-2	0.16	U	0.081	0.16	0.32	ug/L
2-Nitrotoluene	88-72-2	0.16	U	0.081	0.16	0.32	ug/L
3-Nitrotoluene	99-08-1	0.16	U	0.081	0.16	0.32	ug/L
Nitrobenzene	98-95-3	0.16	U	0.081	0.16	0.32	ug/L
Nitroglycerin	55-63-0	0.54	U	0.35	0.54	1.1	ug/L
PETN	78-11-5	0.54	U	0.27	0.54	1.1	ug/L
RDX	121-82-4	0.16	U	0.081	0.16	0.32	ug/L

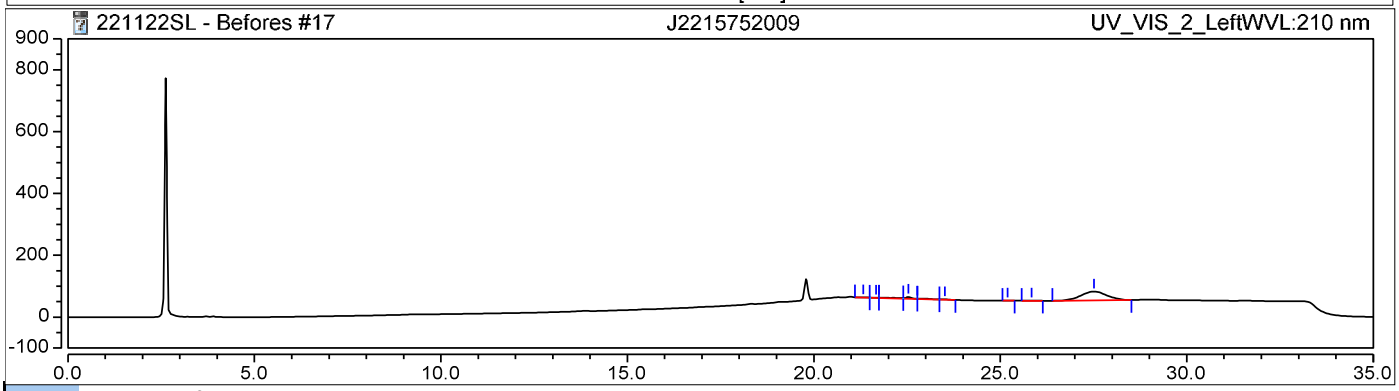
Chromatogram and Results

Injection Details

Injection Name:	**J2215752009**	*Analyst:*	**EMN**
File Number:	**S22A017**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 02:19**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.261	0.013	0.039	0.19	0.09	0.0042
6	RDX	17.044	0.046	0.183	0.68	0.40	0.0295
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
12	1,2-DNB(SURR)	19.790	3.553	34.613	52.72	75.25	2.0706
15	1,3-DNB	20.619	0.107	0.386	1.59	0.84	0.0236
n.a.	NB/3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	246TNT/4A26DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
22	2-A-4,6-DNT	23.519	0.083	0.471	1.23	1.02	0.0258
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
24	2-NT	25.844	0.060	0.127	0.89	0.28	0.0328
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**3.862**	**35.820**	**57.31**	**77.87**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

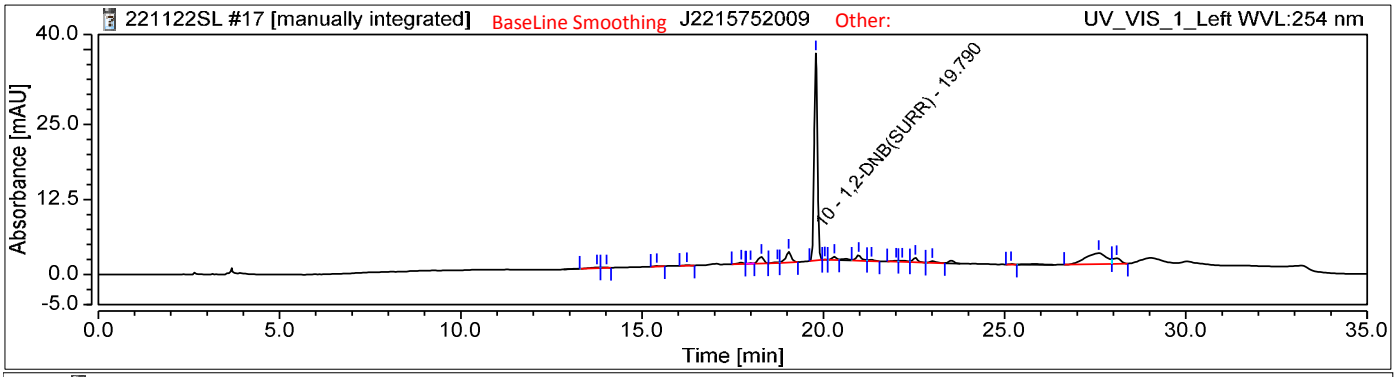
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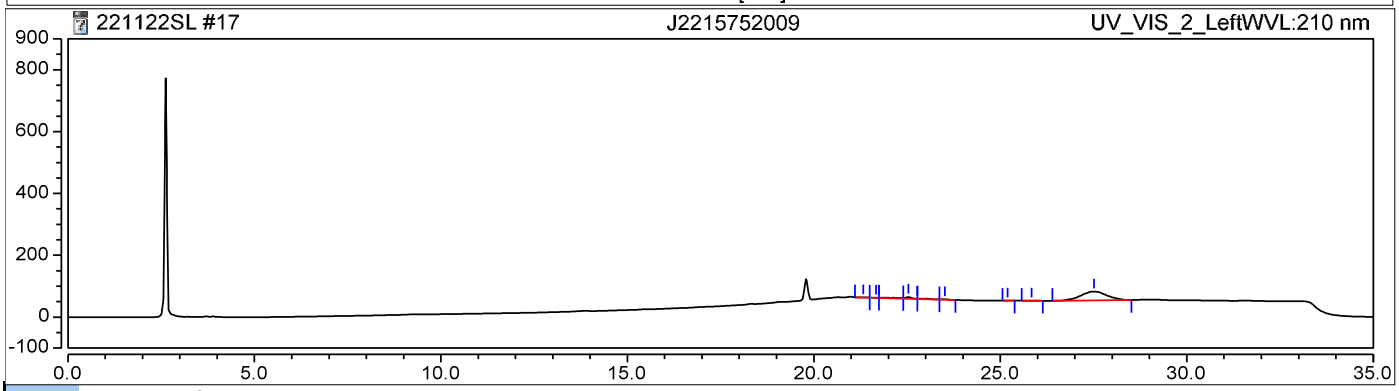
Chromatogram and Results

Injection Details

Injection Name:	**J2215752009**	*Analyst:*	**EMN**
File Number:	**S22A017**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 02:19**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
10	1,2-DNB(SURR)	19.790	3.515	34.509	56.08	78.06	2.0480
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	NB/3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	246TNT/4A26DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**3.515**	**34.509**	**56.08**	**78.06**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

Manual Integrations Reasons in Red

By Shaun West at 5:05 pm, Jan 06, 2023

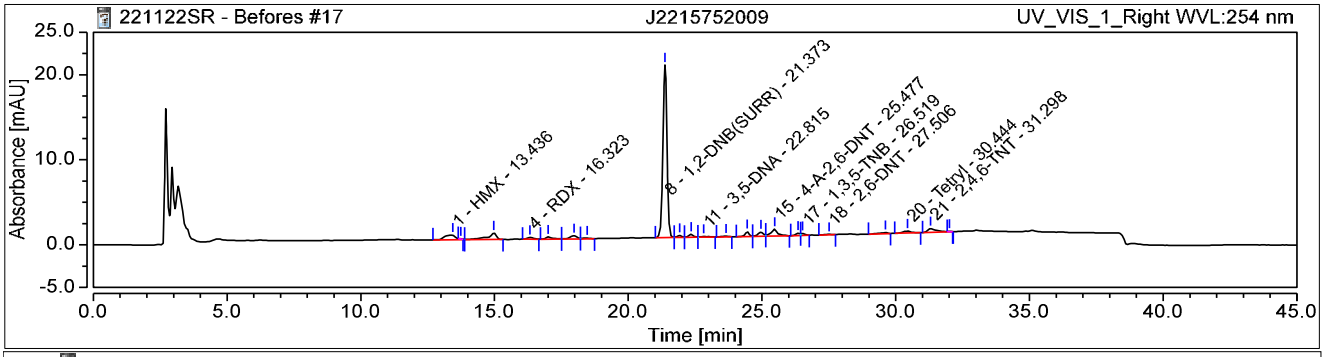
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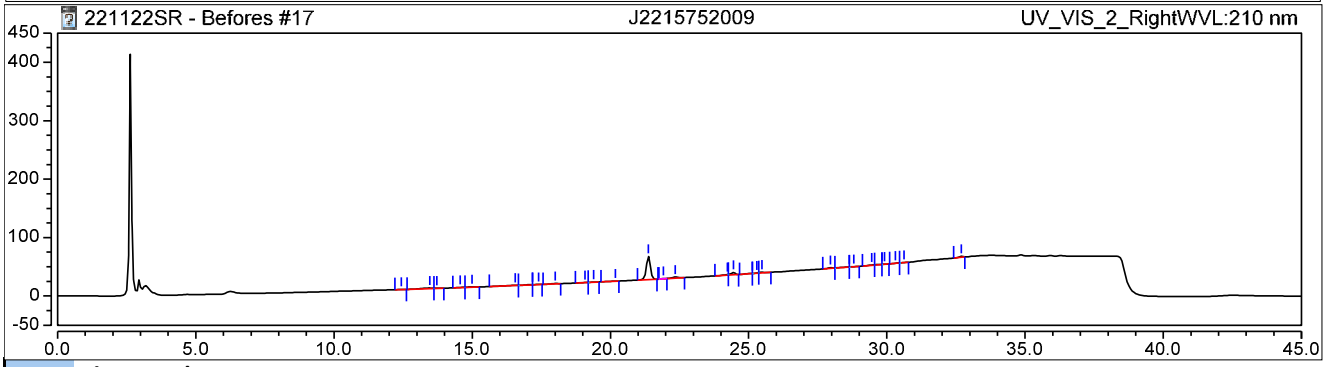
Chromatogram and Results

Injection Details

Injection Name:	**J2215752009**	*Analyst:*	**EMN**
File:	**S22B017**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 03:28**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.436	0.273	0.555	5.00	2.08	0.2668
4	RDX	16.323	0.055	0.203	1.02	0.76	0.0362
n.a.	Nitrobenzene	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
8	1,2-DNB(SURR)	21.373	3.550	20.307	64.97	76.08	2.0032
11	3,5-DNA	22.815	0.033	0.090	0.60	0.34	0.0056
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
15	4-A-2,6-DNT	25.477	0.236	0.800	4.32	3.00	0.1161
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
17	1,3,5-TNB	26.519	0.039	0.215	0.71	0.81	0.0069
18	2,6-DNT	27.506	0.020	0.064	0.36	0.24	0.0109
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
20	Tetryl	30.444	0.088	0.234	1.61	0.88	0.0340
21	2,4,6-TNT	31.298	0.176	0.435	3.21	1.63	0.0604
Total:			**4.470**	**22.903**	**81.80**	**85.81**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

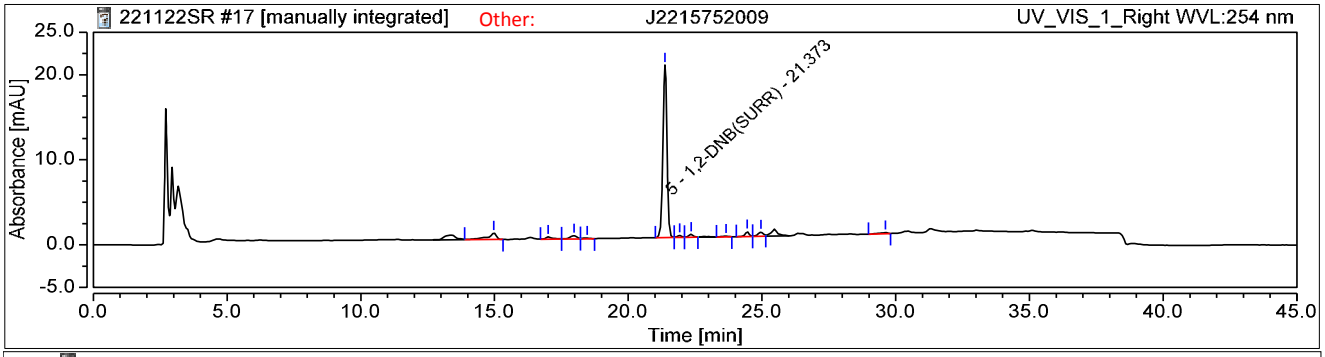
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Chromeleon 7.3.0.60919

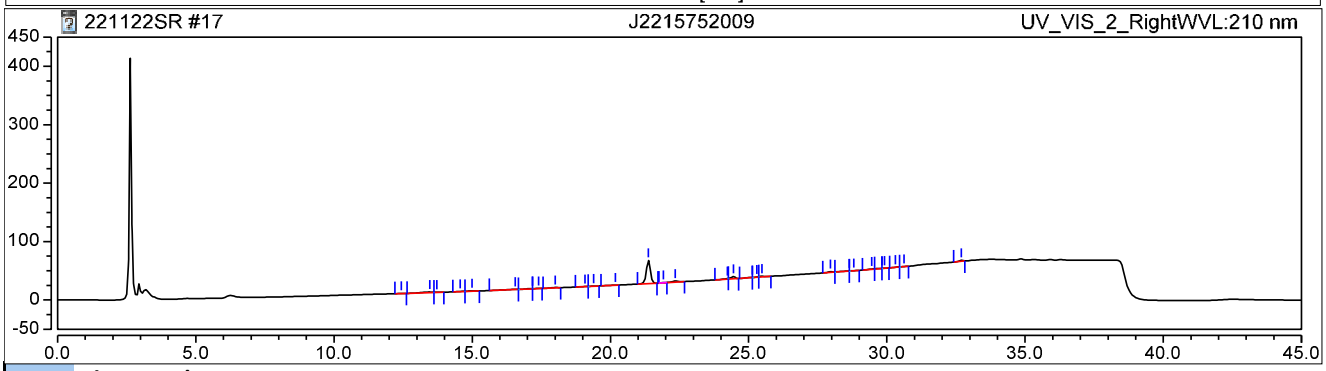
Chromatogram and Results

Injection Details

Injection Name:	**J2215752009**	*Analyst:*	**EMN**
File:	**S22B017**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 03:28**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Nitrobenzene	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	1,2-DNB(SURR)	21.373	3.550	20.307	79.07	85.50	2.0032
n.a.	3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-A-2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4,6-TNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**3.550**	**20.307**	**79.07**	**85.50**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

Manual Integrations Reasons in Red

By Shaun West at 5:23 pm, Jan 06, 2023

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Semi Volatile GC Analysis Results

FORM 1

EPA 8330B

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Sample ID:	J2215752010	**Client ID:**	A143-RS829-GW-AEB3070-REG
Date Collected:	11/17/2022 15:11	**Matrix:**	WATER
Date Analyzed:	11/23/2022 03:01:00	**File ID:**	S22A018|S22B018
Date Extracted:	11/22/2022 14:13	**Instrument ID:**	J11S
Dilution:	1	**Analytical Run ID:**	221122S-8330
Sample Wt/Vol:	960.00 mL	**% Moisture:**	100
Extract Vol:	5000 uL	**Lims Prep Batch:**	5220
Prep Method:	EPA 3535A	**Lims Analytical Batch:**	1694

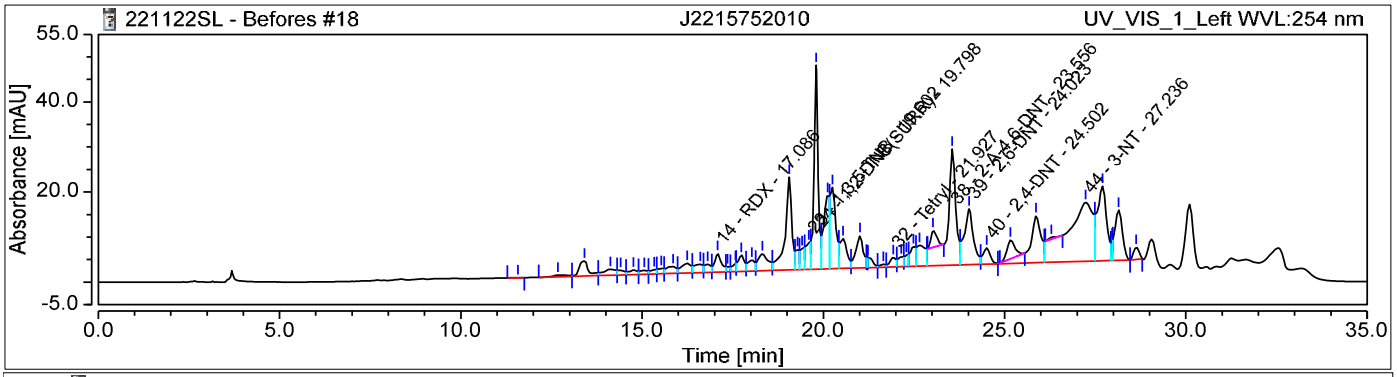
Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1,3-Dinitrobenzene	99-65-0	0.16	U	0.078	0.16	0.31	ug/L
2,4,6-Trinitrotoluene (TNT)	118-96-7	0.16	U	0.078	0.16	0.31	ug/L
2,4-Dinitrotoluene (2,4-DNT)	121-14-2	0.16	U	0.052	0.16	0.31	ug/L
2,6-Dinitrotoluene (2,6-DNT)	606-20-2	0.16	U	0.052	0.16	0.31	ug/L
2-Amino-4,6-Dinitrotoluene	35572-78-2	0.16	U	0.078	0.16	0.31	ug/L
2-Nitrotoluene	88-72-2	0.16	U	0.078	0.16	0.31	ug/L
3-Nitrotoluene	99-08-1	0.16	U	0.078	0.16	0.31	ug/L
Nitrobenzene	98-95-3	0.16	U	0.078	0.16	0.31	ug/L
Nitroglycerin	55-63-0	0.52	U	0.34	0.52	1.0	ug/L
PETN	78-11-5	0.52	U	0.26	0.52	1.0	ug/L
RDX	121-82-4	0.16	U	0.078	0.16	0.31	ug/L

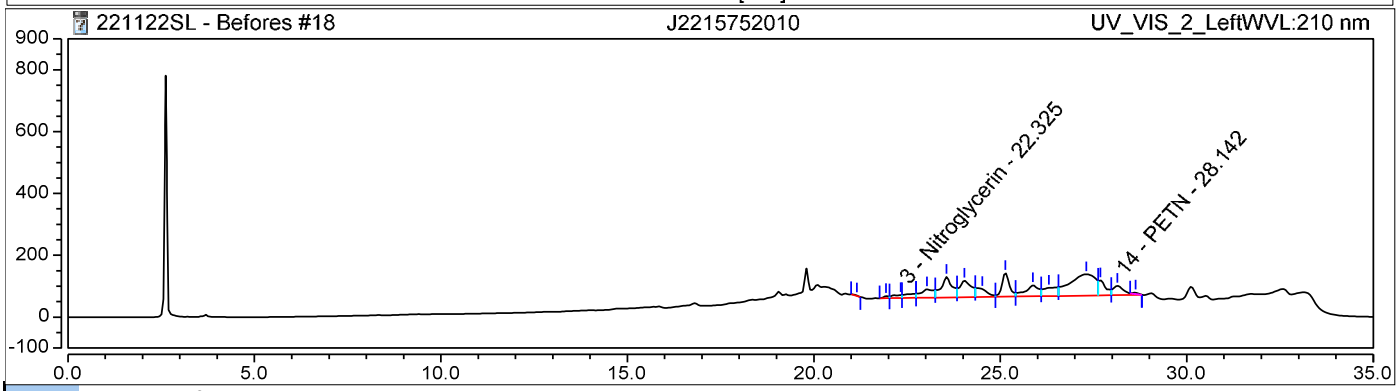
Chromatogram and Results

Injection Details

Injection Name:	**J2215752010**	*Analyst:*	**EMN**
File Number:	**S22A018**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 03:01**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
14	RDX	17.086	0.892	4.191	1.24	1.43	0.6827
23	1,3,5-TNB	19.602	0.933	5.913	1.30	2.02	0.3257
24	1,2-DNB(SURR)	19.798	5.789	45.275	8.08	15.46	3.3959
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	NB/3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
32	Tetryl	21.927	0.411	2.105	0.57	0.72	0.1828
n.a.	246TNT/4A26DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
38	2-A-4,6-DNT	23.556	7.589	25.828	10.59	8.82	2.6871
39	2,6-DNT	24.023	3.642	12.389	5.08	4.23	2.0331
40	2,4-DNT	24.502	0.847	3.609	1.18	1.23	0.2256
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
44	3-NT	27.236	11.200	13.068	15.63	4.46	5.8629
Total:			**31.303**	**112.378**	**43.67**	**38.37**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	Nitroglycerin	22.325	2.808	9.534	1.45	1.92	1.9900
14	PETN	28.142	10.658	30.204	5.52	6.08	7.2145
Total:			**13.466**	**39.738**	**6.98**	**8.00**	

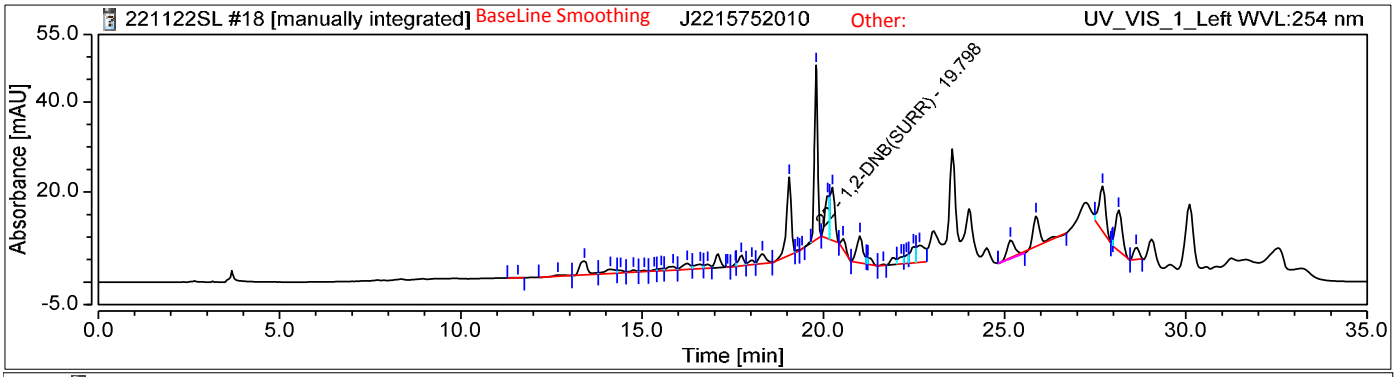
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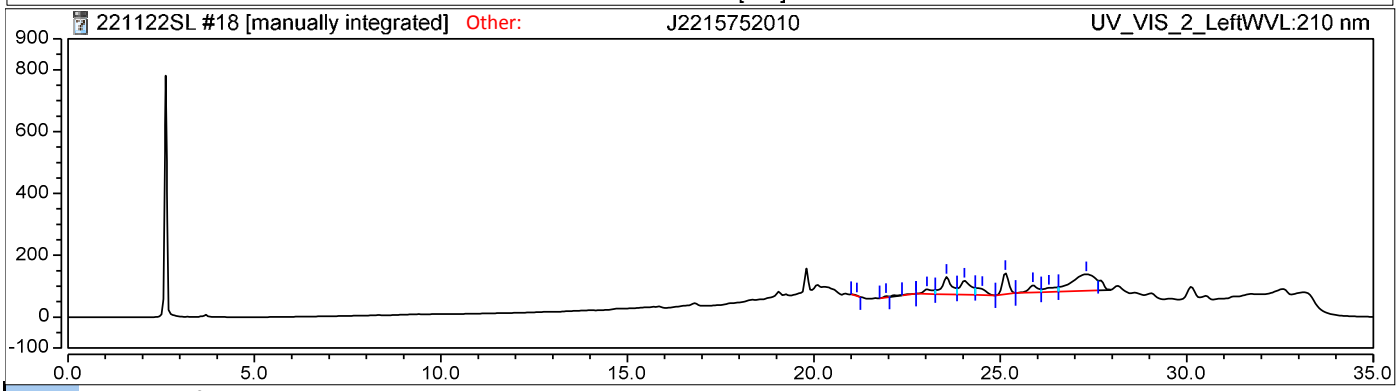
Chromatogram and Results

Injection Details

Injection Name:	**J2215752010**	*Analyst:*	**EMN**
File Number:	**S22A018**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 03:01**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
22	1,2-DNB(SURR)	19.798	3.891	38.665	16.05	25.64	2.2710
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	NB/3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	246TNT/4A26DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**3.891**	**38.665**	**16.05**	**25.64**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

Manual Integrations Reasons in Red

By Shaun West at 5:06 pm, Jan 06, 2023

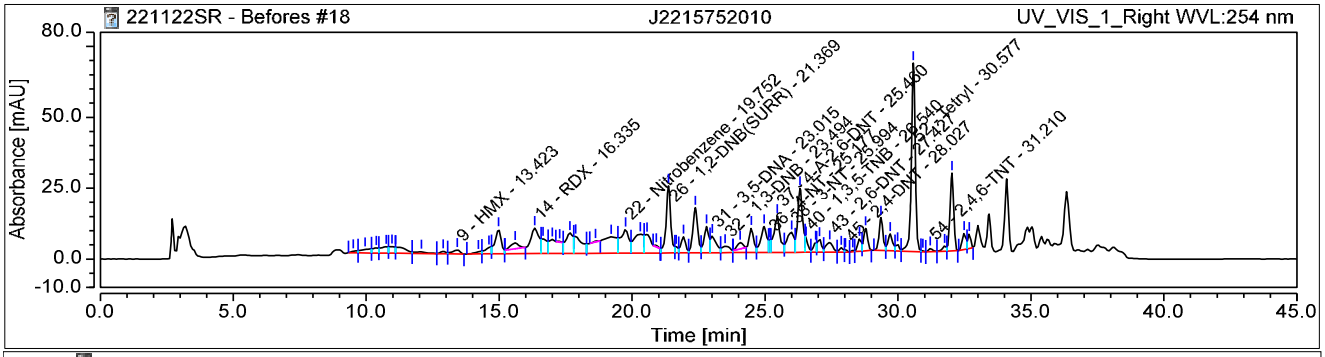
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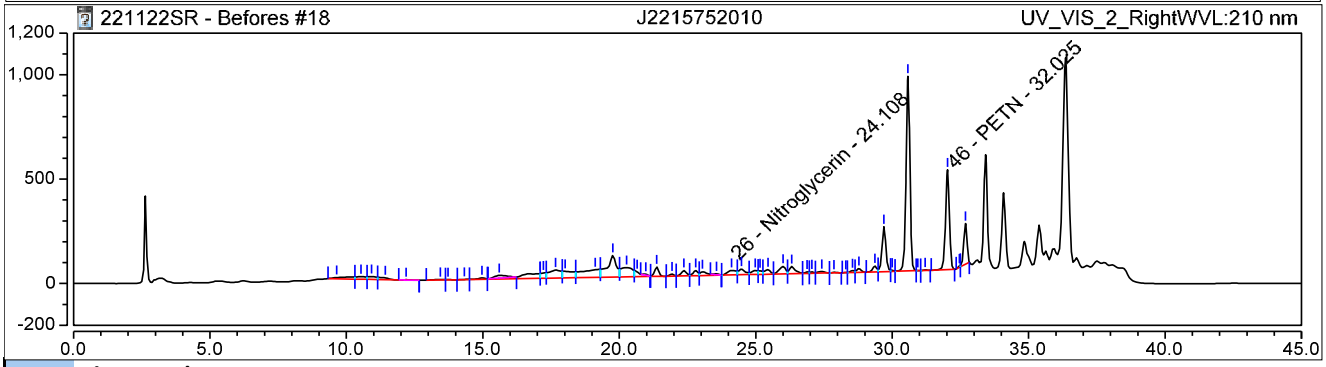
Chromatogram and Results

Injection Details

Injection Name:	**J2215752010**	*Analyst:*	**EMN**
File:	**S22B018**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 04:16**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
9	HMX	13.423	0.461	1.376	0.50	0.36	0.4557
14	RDX	16.335	4.754	8.972	5.18	2.37	3.7278
22	Nitrobenzene	19.752	3.008	8.356	3.28	2.21	1.1093
26	1,2-DNB(SURR)	21.369	4.702	23.687	5.12	6.26	2.6527
31	3,5-DNA	23.015	1.502	5.879	1.64	1.55	0.4511
32	1,3-DNB	23.494	0.832	2.280	0.91	0.60	0.2133
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
36	4-NT	25.177	0.362	4.380	0.39	1.16	0.2419
37	4-A-2,6-DNT	25.460	3.418	12.770	3.72	3.38	1.7652
38	3-NT	25.994	2.191	7.030	2.39	1.86	1.0467
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
40	1,3,5-TNB	26.540	0.612	4.840	0.67	1.28	0.2219
43	2,6-DNT	27.427	1.036	3.448	1.13	0.91	0.5694
45	2,4-DNT	28.027	0.082	0.728	0.09	0.19	0.0182
52	Tetryl	30.577	11.203	66.447	12.20	17.57	5.2089
54	2,4,6-TNT	31.210	0.199	1.105	0.22	0.29	0.0694
Total:			**34.364**	**151.298**	**37.43**	**39.99**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
26	Nitroglycerin	24.108	7.918	21.238	1.37	0.81	6.0494
46	PETN	32.025	77.362	477.913	13.39	18.23	54.8455
Total:			**85.280**	**499.151**	**14.76**	**19.04**	

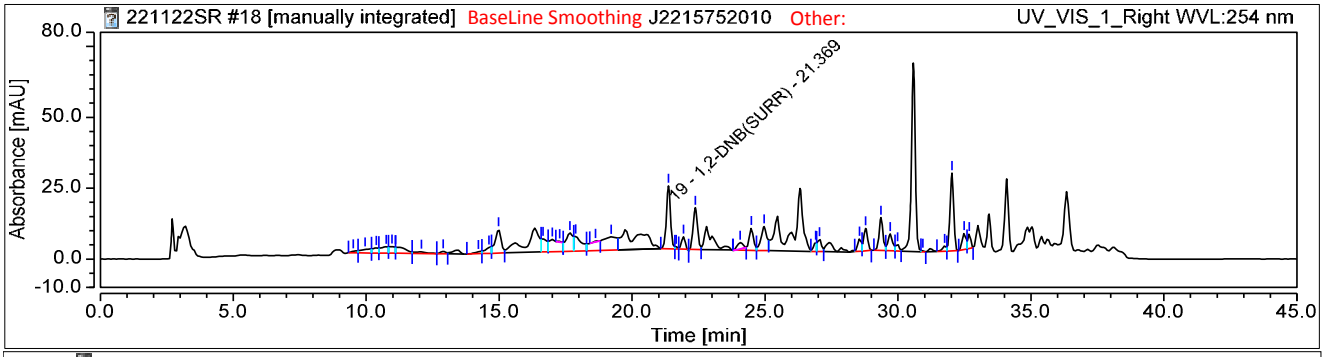
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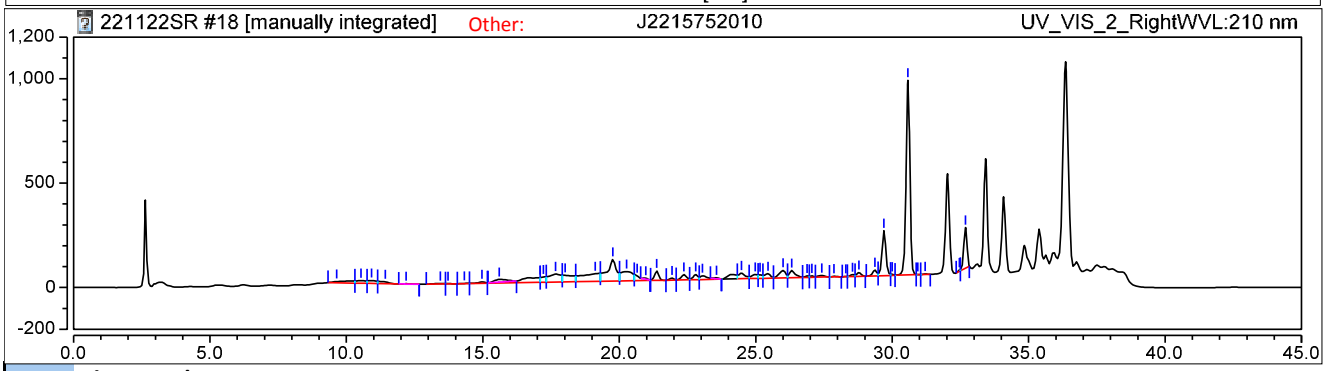
Chromatogram and Results

Injection Details

Injection Name:	**J2215752010**	*Analyst:*	**EMN**
File:	**S22B018**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 04:16**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Nitrobenzene	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
19	1,2-DNB(SURR)	21.369	3.954	22.257	9.16	11.75	2.2311
n.a.	3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-A-2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4,6-TNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**3.954**	**22.257**	**9.16**	**11.75**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

Manual Integrations Reasons in Red

By Shaun West at 5:23 pm, Jan 06, 2023

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Chromeleon 7.3.0.60919

Advanced Environmental Laboratories, Inc.

Semi Volatile GC Analysis Results

FORM 1

EPA 8330B

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2215752011**		**Client ID:**	**A143-RS829-GW-AEB3071-FD**	
Date Collected:	**11/17/2022**	**15:11**	**Matrix:**	**WATER**	
Date Analyzed:	**11/23/2022**	**03:43:00**	**File ID:**	**S22A019|S22B019**	
Date Extracted:	**11/22/2022**	**14:13**	**Instrument ID:**	**J11S**	
Dilution:	**1**		**Analytical Run ID:**	**221122S-8330**	
Sample Wt/Vol:	**980.00**	**mL**	**% Moisture:**	**100**	
Extract Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5220**	
Prep Method:	**EPA 3535A**		**Lims Analytical Batch:**	**1694**	

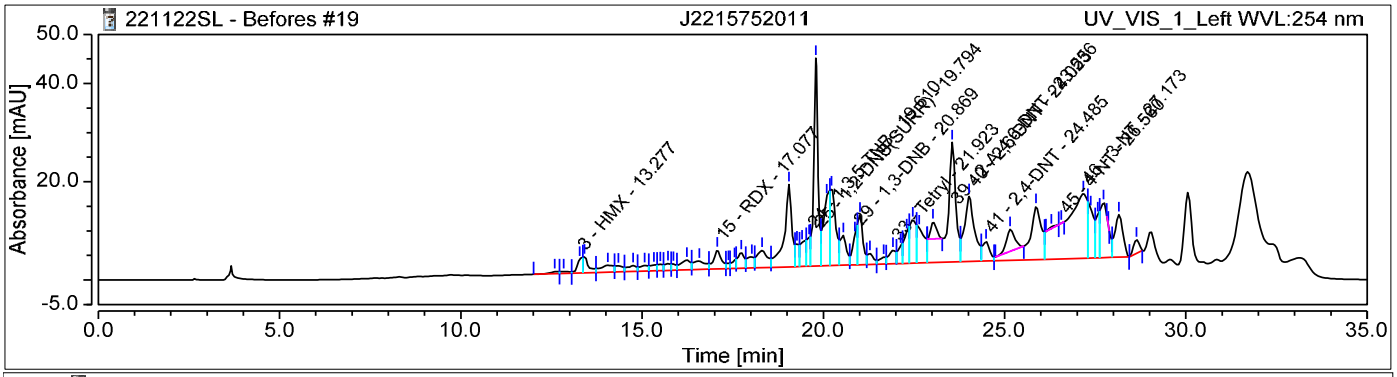
Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1,3-Dinitrobenzene	99-65-0	0.15	U	0.077	0.15	0.31	ug/L
2,4,6-Trinitrotoluene (TNT)	118-96-7	0.15	U	0.077	0.15	0.31	ug/L
2,4-Dinitrotoluene (2,4-DNT)	121-14-2	0.15	U	0.051	0.15	0.31	ug/L
2,6-Dinitrotoluene (2,6-DNT)	606-20-2	0.15	U	0.051	0.15	0.31	ug/L
2-Amino-4,6-Dinitrotoluene	35572-78-2	0.15	U	0.077	0.15	0.31	ug/L
2-Nitrotoluene	88-72-2	0.15	U	0.077	0.15	0.31	ug/L
3-Nitrotoluene	99-08-1	0.15	U	0.077	0.15	0.31	ug/L
Nitrobenzene	98-95-3	0.15	U	0.077	0.15	0.31	ug/L
Nitroglycerin	55-63-0	0.51	U	0.33	0.51	1.0	ug/L
PETN	78-11-5	0.51	U	0.26	0.51	1.0	ug/L
RDX	121-82-4	0.15	U	0.077	0.15	0.31	ug/L

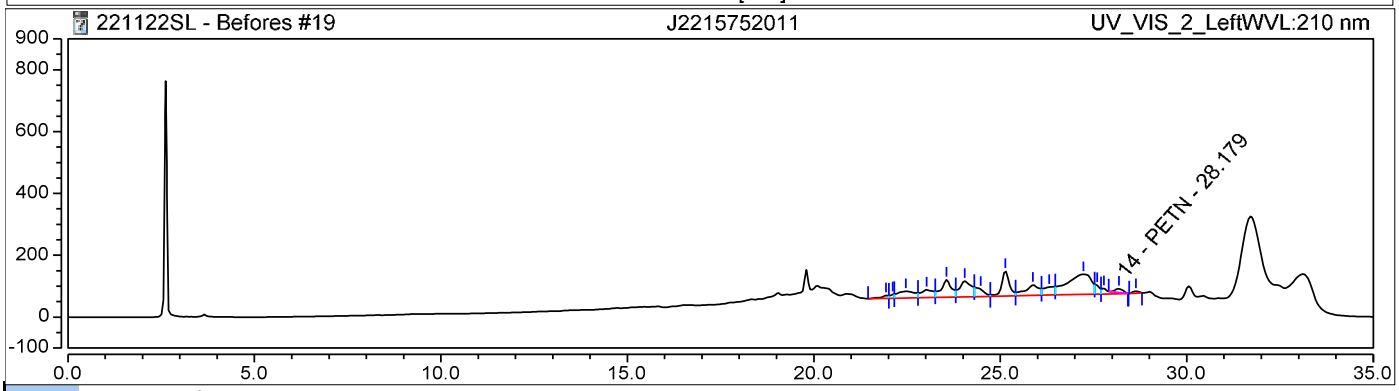
Chromatogram and Results

Injection Details

Injection Name:	**J2215752011**	*Analyst:*	**EMN**
File Number:	**S22A019**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 03:43**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	HMX	13.277	0.506	2.819	0.67	0.91	0.4748
15	RDX	17.077	0.955	3.887	1.27	1.25	0.7318
24	1,3,5-TNB	19.610	0.689	5.877	0.91	1.89	0.2409
25	1,2-DNB(SURR)	19.794	5.544	42.322	7.36	13.61	3.2509
29	1,3-DNB	20.869	0.971	6.214	1.29	2.00	0.2450
n.a.	NB/3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
33	Tetryl	21.923	0.611	2.753	0.81	0.89	0.2720
n.a.	246TNT/4A26DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
39	2-A-4,6-DNT	23.556	7.697	24.341	10.22	7.83	2.7253
40	2,6-DNT	24.023	4.192	13.288	5.56	4.27	2.3409
41	2,4-DNT	24.485	0.931	3.918	1.24	1.26	0.2481
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
45	4-NT	26.560	0.006	0.052	0.01	0.02	0.0043
46	3-NT	27.173	10.330	13.161	13.71	4.23	5.4074
Total:			**32.432**	**118.633**	**43.05**	**38.16**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
14	PETN	28.179	2.987	12.184	1.72	2.58	2.0449
Total:			**2.987**	**12.184**	**1.72**	**2.58**	

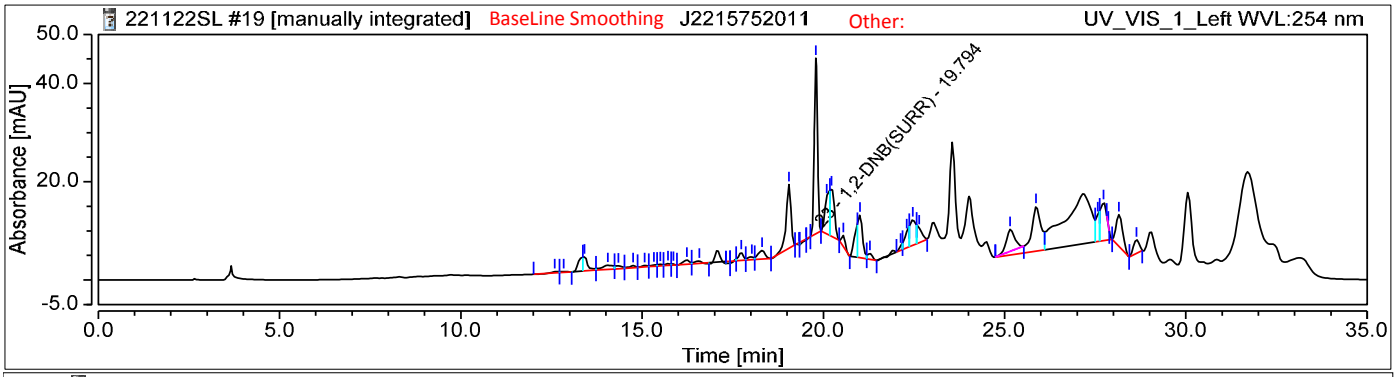
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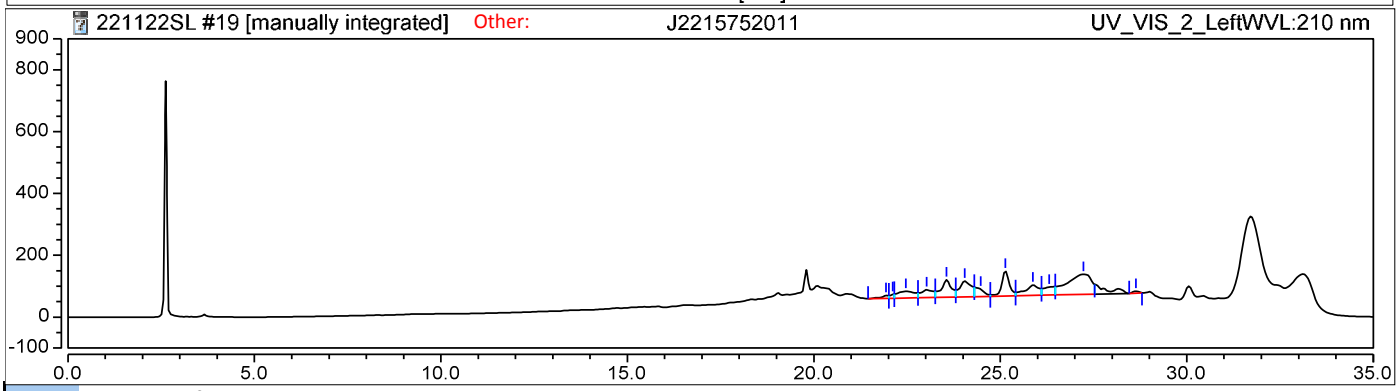
Chromatogram and Results

Injection Details

Injection Name:	**J2215752011**	*Analyst:*	**EMN**
File Number:	**S22A019**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 03:43**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
23	1,2-DNB(SURR)	19.794	3.632	35.751	15.73	25.44	2.1171
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	NB/3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	246TNT/4A26DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**3.632**	**35.751**	**15.73**	**25.44**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

Manual Integrations Reasons in Red

By Shaun West at 5:06 pm, Jan 06, 2023

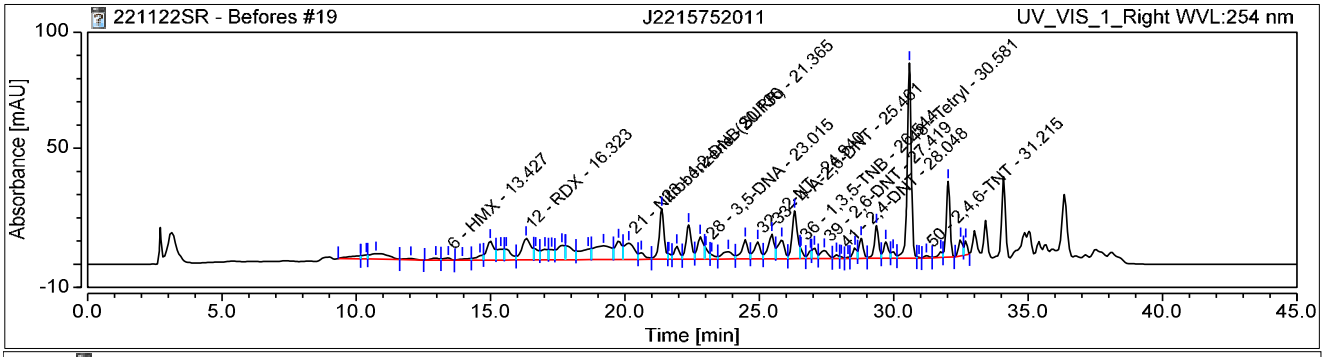
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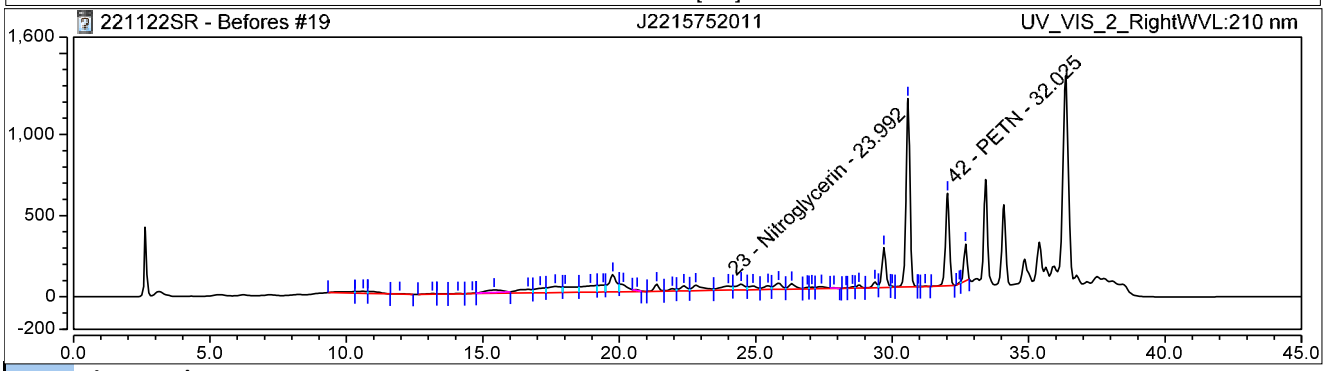
Chromatogram and Results

Injection Details

Injection Name:	**J2215752011**	*Analyst:*	**EMN**
File:	**S22B019**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 05:03**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
6	HMX	13.427	0.316	0.966	0.33	0.24	0.3097
12	RDX	16.323	3.705	9.251	3.90	2.31	2.9037
21	Nitrobenzene	20.136	3.047	6.988	3.20	1.75	1.1237
23	1,2-DNB(SURR)	21.365	4.481	21.744	4.71	5.44	2.5283
28	3,5-DNA	23.015	0.785	4.757	0.83	1.19	0.2337
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
32	2-NT	24.940	1.986	7.295	2.09	1.82	1.1306
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
33	4-A-2,6-DNT	25.461	2.744	10.630	2.89	2.66	1.4157
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
36	1,3,5-TNB	26.544	0.534	4.272	0.56	1.07	0.1929
39	2,6-DNT	27.419	1.129	3.521	1.19	0.88	0.6205
41	2,4-DNT	28.048	0.082	0.715	0.09	0.18	0.0181
48	Tetryl	30.581	14.318	84.087	15.06	21.03	6.6591
50	2,4,6-TNT	31.215	0.195	1.065	0.20	0.27	0.0676
Total:			**33.323**	**155.291**	**35.05**	**38.83**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
23	Nitroglycerin	23.992	13.113	24.769	1.93	0.81	9.9830
42	PETN	32.025	92.462	569.641	13.62	18.73	65.5448
Total:			**105.575**	**594.409**	**15.55**	**19.54**	

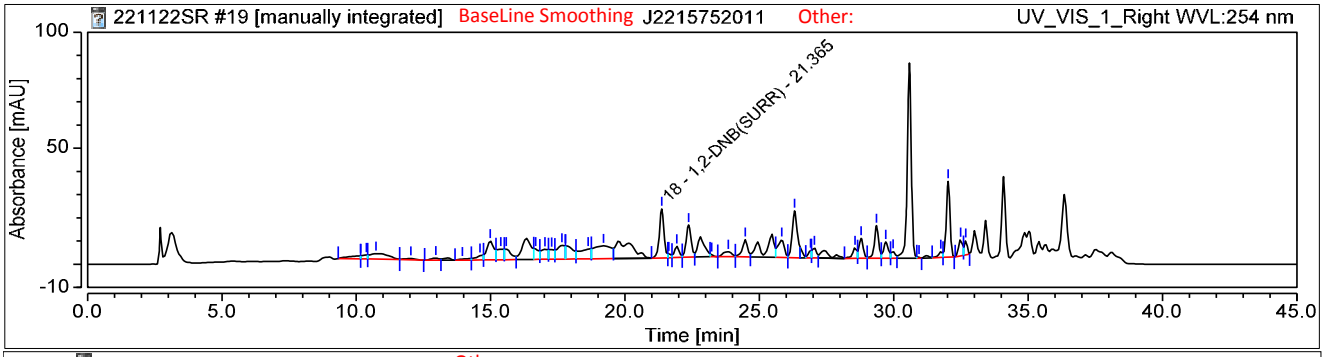
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Chromeleon 7.3.0.60919

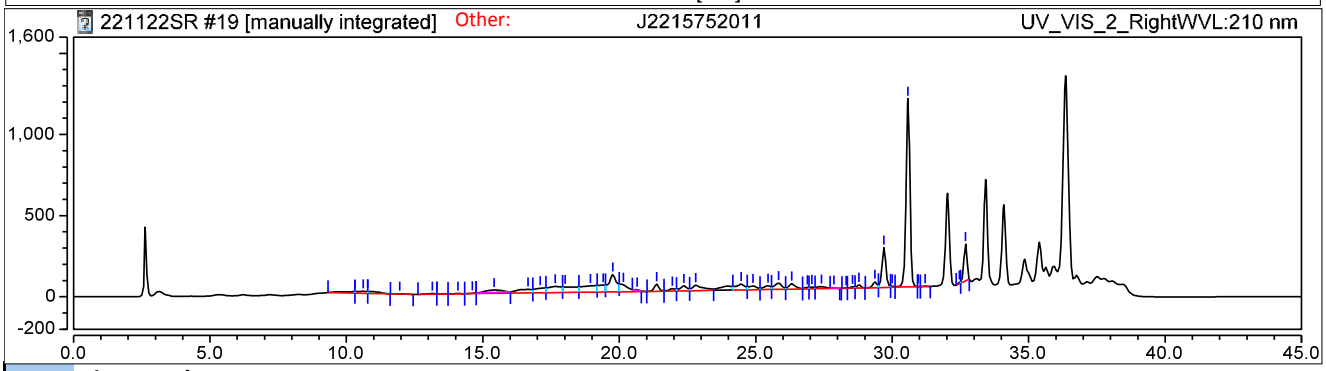
Chromatogram and Results

Injection Details

Injection Name:	**J2215752011**	*Analyst:*	**EMN**
File:	**S22B019**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 05:03**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Nitrobenzene	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
18	1,2-DNB(SURR)	21.365	4.135	21.161	7.36	9.05	2.3330
n.a.	3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-A-2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4,6-TNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**4.135**	**21.161**	**7.36**	**9.05**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

Manual Integrations Reasons in Red

By Shaun West at 5:24 pm, Jan 06, 2023

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Chromeleon 7.3.0.60919

Advanced Environmental Laboratories, Inc.

Semi Volatile GC Analysis Results

FORM 1

EPA 8330B

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2215752012**		**Client ID:**	**A143-RS890-GW-AEB3074-REG**	
Date Collected:	**11/17/2022**	**09:56**	**Matrix:**	**WATER**	
Date Analyzed:	**11/23/2022**	**05:07:00**	**File ID:**	**S22A021|S22B021**	
Date Extracted:	**11/22/2022**	**14:13**	**Instrument ID:**	**J11S**	
Dilution:	**1**		**Analytical Run ID:**	**221122S-8330**	
Sample Wt/Vol:	**960.00**	**mL**	**% Moisture:**	**100**	
Extract Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5220**	
Prep Method:	**EPA 3535A**		**Lims Analytical Batch:**	**1694**	

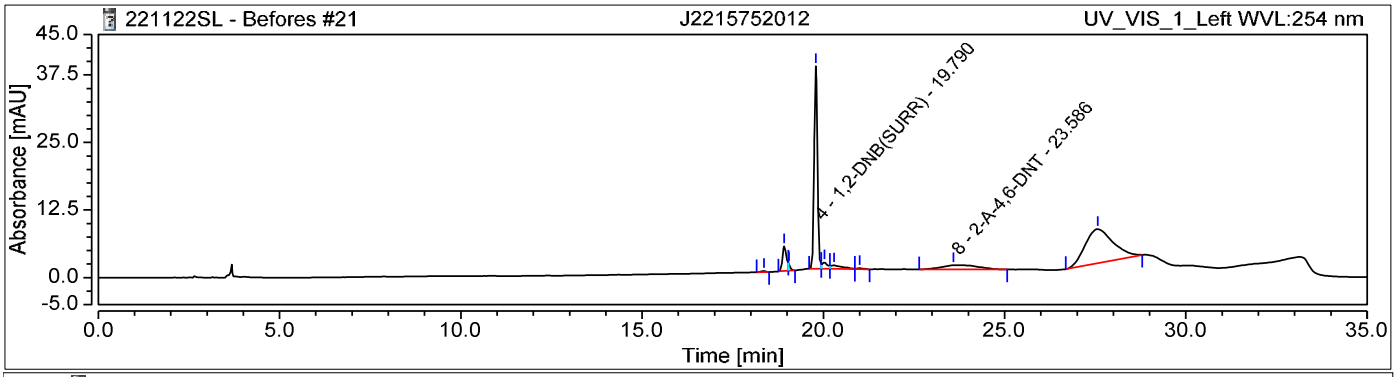
Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1,3-Dinitrobenzene	99-65-0	0.16	U	0.078	0.16	0.31	ug/L
2,4,6-Trinitrotoluene (TNT)	118-96-7	0.16	U	0.078	0.16	0.31	ug/L
2,4-Dinitrotoluene (2,4-DNT)	121-14-2	0.16	U	0.052	0.16	0.31	ug/L
2,6-Dinitrotoluene (2,6-DNT)	606-20-2	0.16	U	0.052	0.16	0.31	ug/L
2-Amino-4,6-Dinitrotoluene	35572-78-2	0.16	U	0.078	0.16	0.31	ug/L
2-Nitrotoluene	88-72-2	0.16	U	0.078	0.16	0.31	ug/L
3-Nitrotoluene	99-08-1	0.16	U	0.078	0.16	0.31	ug/L
Nitrobenzene	98-95-3	0.16	U	0.078	0.16	0.31	ug/L
Nitroglycerin	55-63-0	0.52	U	0.34	0.52	1.0	ug/L
PETN	78-11-5	0.52	U	0.26	0.52	1.0	ug/L
RDX	121-82-4	0.16	U	0.078	0.16	0.31	ug/L

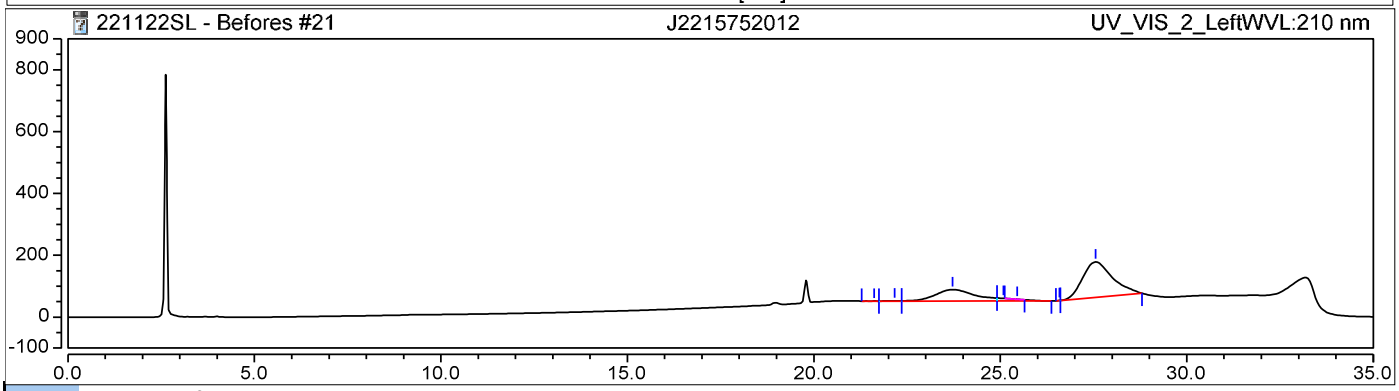
Chromatogram and Results

Injection Details

Injection Name:	**J2215752012**	*Analyst:*	**EMN**
File Number:	**S22A021**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 05:07**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4	1,2-DNB(SURR)	19.790	3.880	37.486	33.26	71.17	2.2643
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	NB/3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	246TNT/4A26DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
8	2-A-4,6-DNT	23.586	0.935	0.815	8.01	1.55	0.3280
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**4.815**	**38.301**	**41.27**	**72.72**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

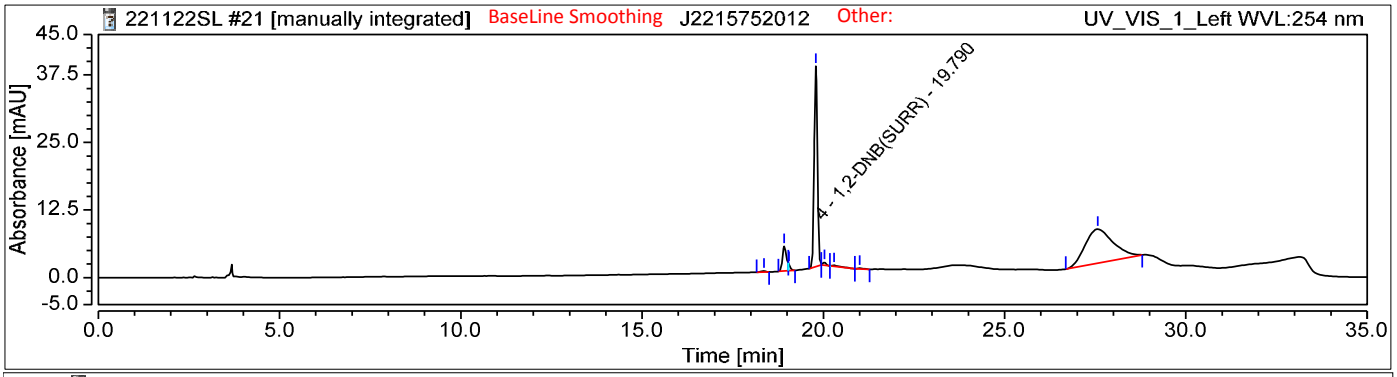
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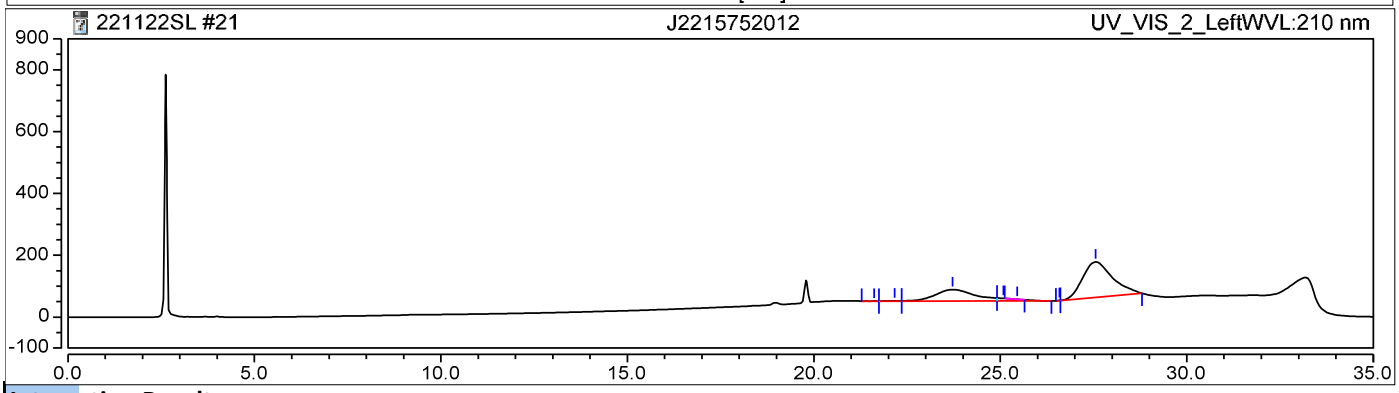
Chromatogram and Results

Injection Details

Injection Name:	**J2215752012**	*Analyst:*	**EMN**
File Number:	**S22A021**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 05:07**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4	1,2-DNB(SURR)	19.790	3.759	37.097	36.76	73.78	2.1928
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	NB/3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	246TNT/4A26DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**3.759**	**37.097**	**36.76**	**73.78**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

Manual Integrations Reasons in Red

By Shaun West at 5:07 pm, Jan 06, 2023

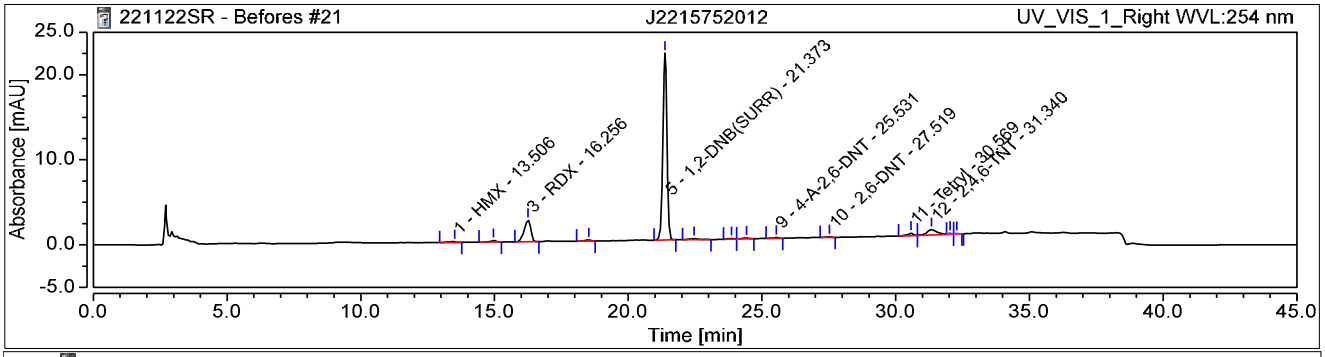
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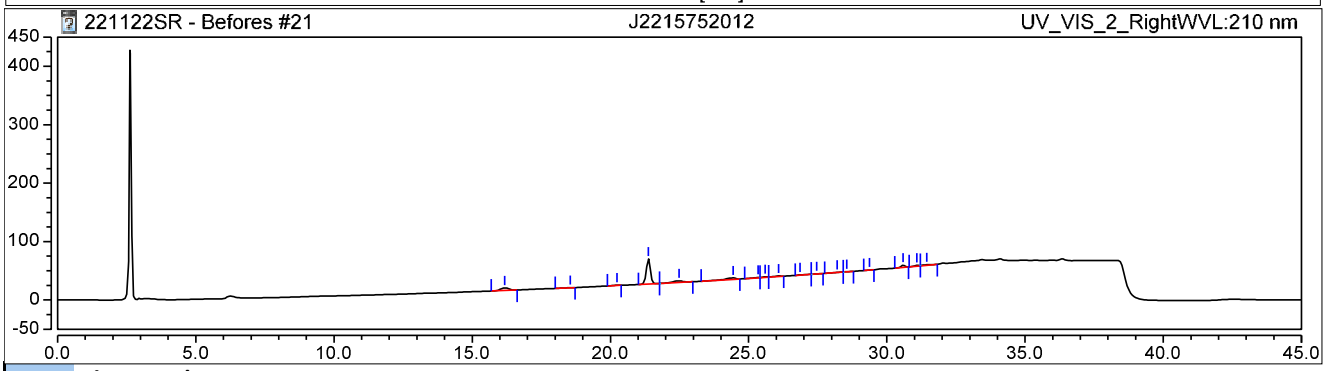
Chromatogram and Results

Injection Details

Injection Name:	**J2215752012**	*Analyst:*	**EMN**
File:	**S22B021**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 06:38**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.506	0.043	0.092	0.83	0.35	0.0359
3	RDX	16.256	0.727	2.514	13.90	9.50	0.5639
n.a.	Nitrobenzene	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	1,2-DNB(SURR)	21.373	3.829	21.970	73.21	82.97	2.1607
n.a.	3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
9	4-A-2,6-DNT	25.531	0.029	0.110	0.55	0.42	0.0089
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
10	2,6-DNT	27.519	0.022	0.079	0.41	0.30	0.0118
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
11	Tetryl	30.569	0.078	0.296	1.50	1.12	0.0296
12	2,4,6-TNT	31.340	0.284	0.619	5.43	2.34	0.1013
Total:			**5.013**	**25.681**	**95.83**	**96.99**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

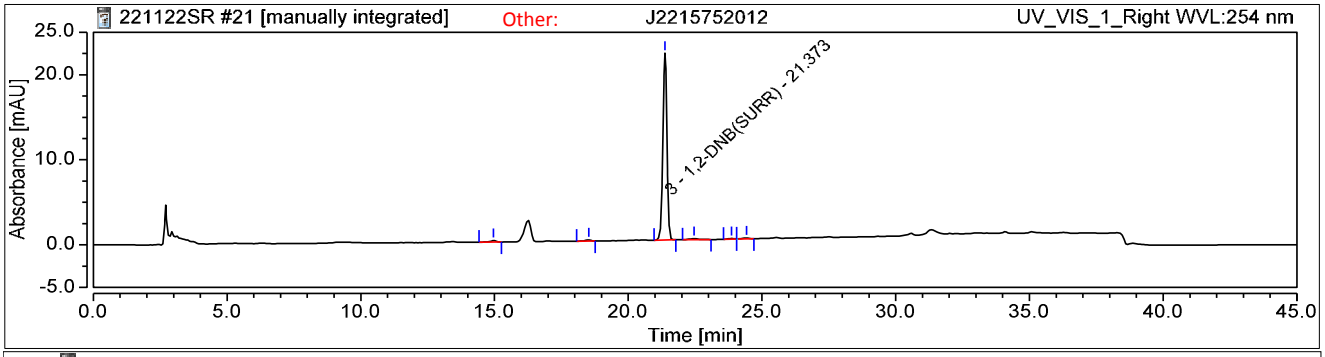
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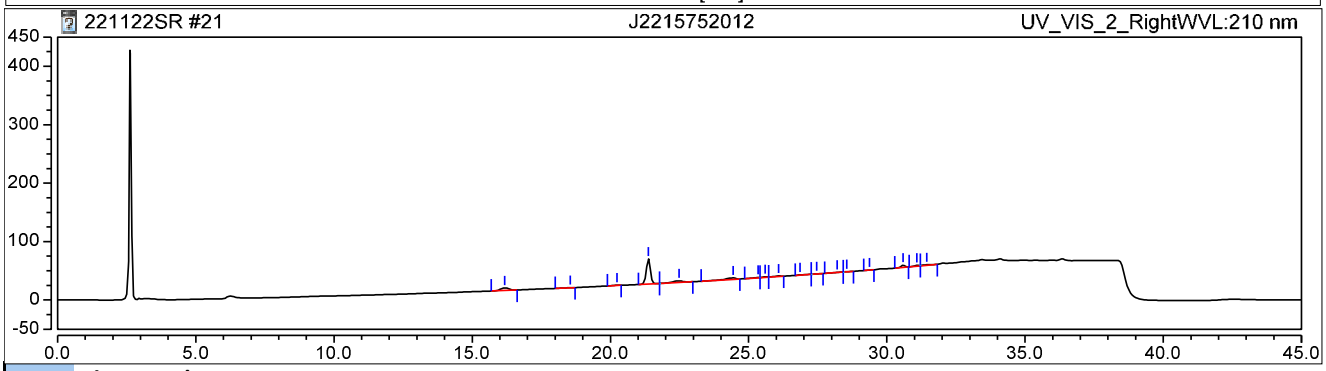
Chromatogram and Results

Injection Details

Injection Name:	**J2215752012**	*Analyst:*	**EMN**
File:	**S22B021**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 06:38**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Nitrobenzene	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3	1,2-DNB(SURR)	21.373	3.829	21.970	95.07	97.09	2.1607
n.a.	3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-A-2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4,6-TNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**3.829**	**21.970**	**95.07**	**97.09**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

Manual Integrations Reasons in Red

By Shaun West at 5:24 pm, Jan 06, 2023

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Semi Volatile GC Analysis Results

FORM 1

EPA 8330B

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2215752014**	**Client ID:**	**143-Site-WA-AEB9001-REG**
Date Collected:	**11/17/2022 10:30**	**Matrix:**	**WATER**
Date Analyzed:	**11/23/2022 05:49:00**	**File ID:**	**S22A022|S22B022**
Date Extracted:	**11/22/2022 14:14**	**Instrument ID:**	**J11S**
Dilution:	**1**	**Analytical Run ID:**	**221122S-8330**
Sample Wt/Vol:	**1000.00 mL**	**% Moisture:**	**100**
Extract Vol:	**5000 uL**	**Lims Prep Batch:**	**5220**
Prep Method:	**EPA 3535A**	**Lims Analytical Batch:**	**1694**

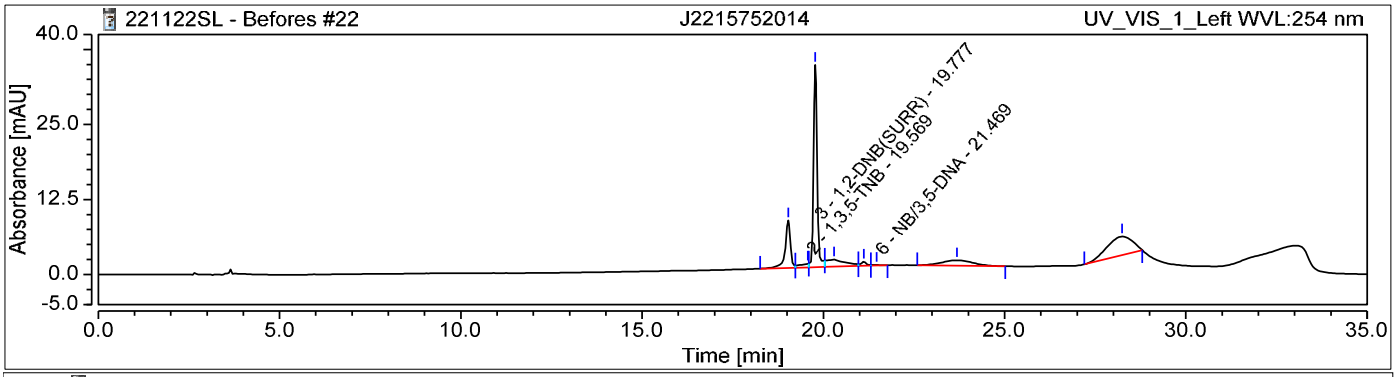
Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1,3-Dinitrobenzene	99-65-0	0.15	U	0.075	0.15	0.30	ug/L
2,4,6-Trinitrotoluene (TNT)	118-96-7	0.15	U	0.075	0.15	0.30	ug/L
2,4-Dinitrotoluene (2,4-DNT)	121-14-2	0.15	U	0.050	0.15	0.30	ug/L
2,6-Dinitrotoluene (2,6-DNT)	606-20-2	0.15	U	0.050	0.15	0.30	ug/L
2-Amino-4,6-Dinitrotoluene	35572-78-2	0.15	U	0.075	0.15	0.30	ug/L
2-Nitrotoluene	88-72-2	0.15	U	0.075	0.15	0.30	ug/L
3-Nitrotoluene	99-08-1	0.15	U	0.075	0.15	0.30	ug/L
Nitrobenzene	98-95-3	0.15	U	0.075	0.15	0.30	ug/L
Nitroglycerin	55-63-0	0.50	U	0.32	0.50	1.0	ug/L
PETN	78-11-5	0.50	U	0.25	0.50	1.0	ug/L
RDX	121-82-4	0.15	U	0.075	0.15	0.30	ug/L

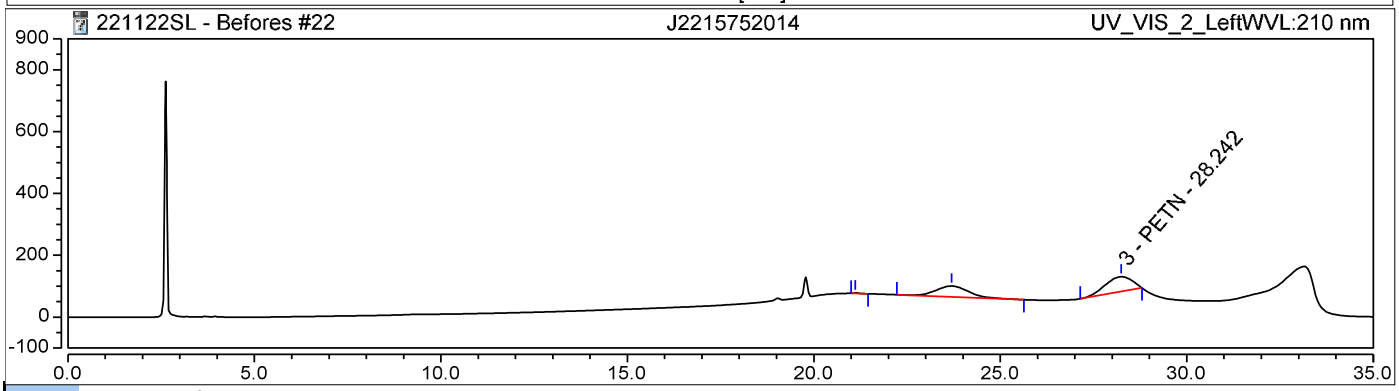
Chromatogram and Results

Injection Details

Injection Name:	**J2215752014**	*Analyst:*	**EMN**
File Number:	**S22A022**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 05:49**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2	1,3,5-TNB	19.569	0.174	0.615	1.79	1.28	0.0625
3	1,2-DNB(SURR)	19.777	3.830	33.705	39.43	69.84	2.2344
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
6	NB/3,5-DNA	21.469	0.025	0.092	0.26	0.19	0.0016
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	246TNT/4A26DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**4.028**	**34.413**	**41.48**	**71.30**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3	PETN	28.242	40.454	47.822	52.64	56.14	27.2972
Total:			**40.454**	**47.822**	**52.64**	**56.14**	

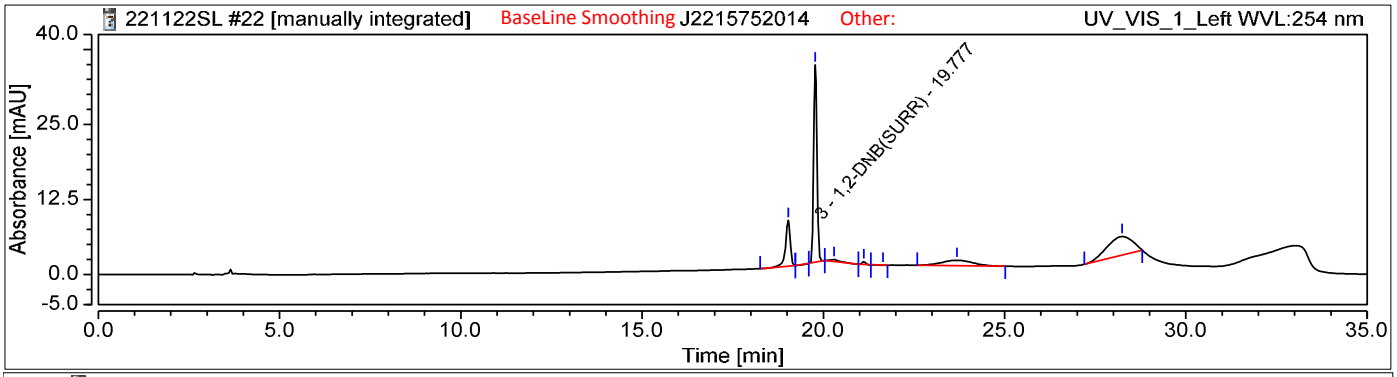
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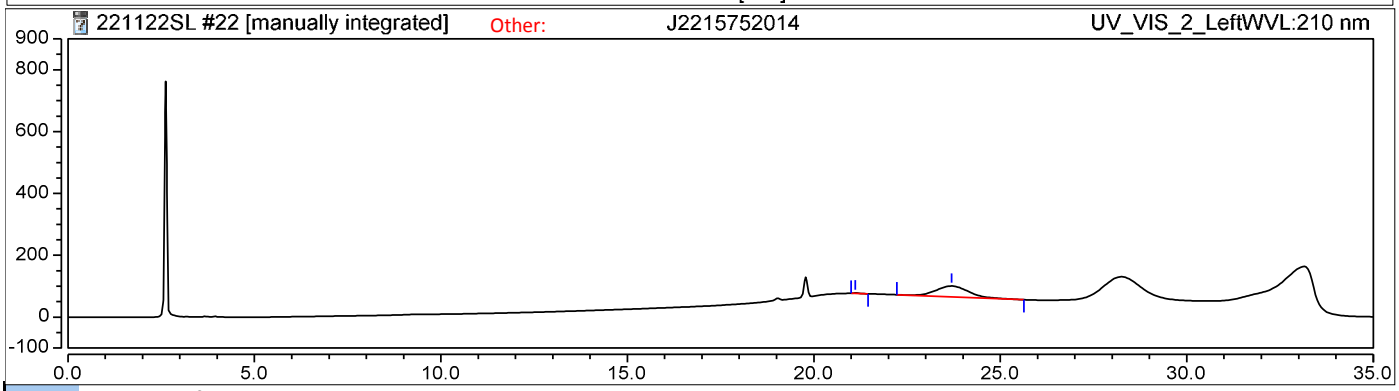
Chromatogram and Results

Injection Details

Injection Name:	**J2215752014**	*Analyst:*	**EMN**
File Number:	**S22A022**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 05:49**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3	1,2-DNB(SURR)	19.777	3.447	32.875	41.68	72.46	2.0077
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	NB/3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	246TNT/4A26DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**3.447**	**32.875**	**41.68**	**72.46**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

Manual Integrations Reasons in Red

By Shaun West at 5:07 pm, Jan 06, 2023

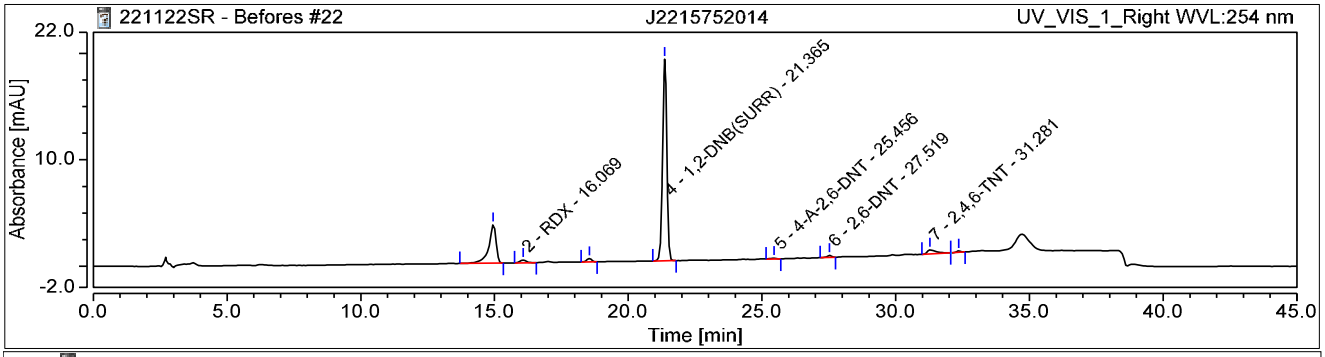
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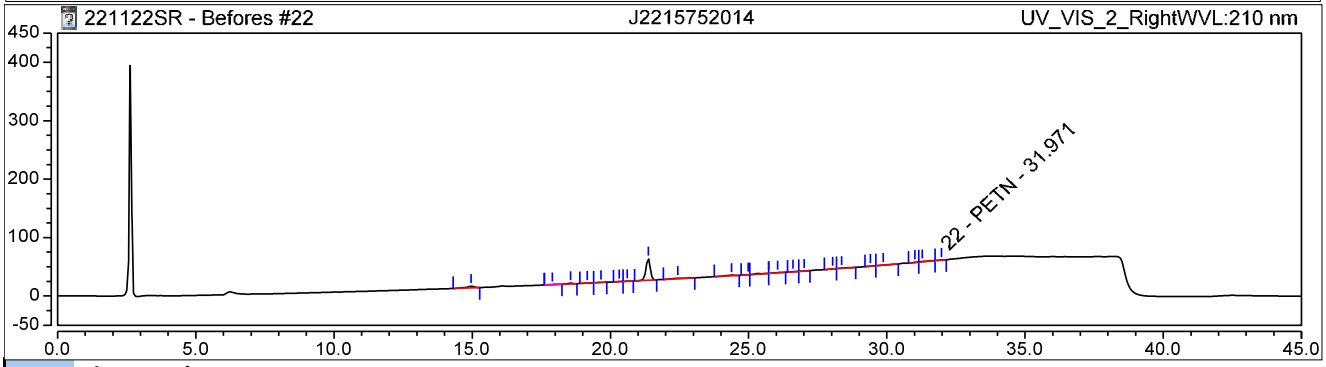
Chromatogram and Results

Injection Details

Injection Name:	**J2215752014**	*Analyst:*	**EMN**
File:	**S22B022**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 07:25**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2	RDX	16.069	0.074	0.261	1.48	1.09	0.0506
n.a.	Nitrobenzene	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4	1,2-DNB(SURR)	21.365	3.452	18.978	69.37	79.06	1.9480
n.a.	3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
5	4-A-2,6-DNT	25.456	0.019	0.075	0.39	0.31	0.0039
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
6	2,6-DNT	27.519	0.038	0.203	0.77	0.84	0.0210
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
7	2,4,6-TNT	31.281	0.144	0.382	2.89	1.59	0.0485
Total:			**3.728**	**19.898**	**74.90**	**82.89**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
22	PETN	31.971	0.093	0.252	0.88	0.53	0.0959
Total:			**0.093**	**0.252**	**0.88**	**0.53**	

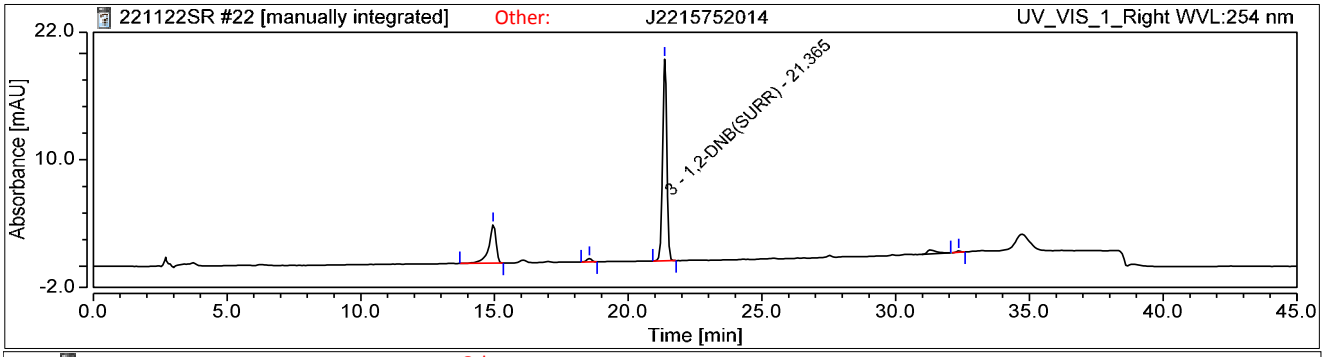
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Chromeleon 7.3.0.60919

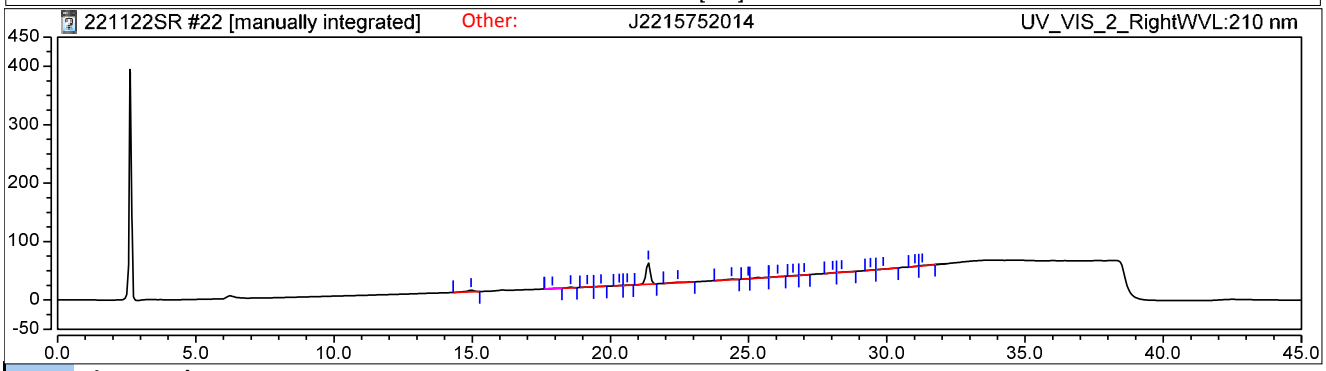
Chromatogram and Results

Injection Details

Injection Name:	**J2215752014**	*Analyst:*	**EMN**
File:	**S22B022**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**23/Nov/22 07:25**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Nitrobenzene	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3	1,2-DNB(SURR)	21.365	3.452	18.978	73.43	82.21	1.9480
n.a.	3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-A-2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4,6-TNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**3.452**	**18.978**	**73.43**	**82.21**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

Manual Integrations Reasons in Red

By Shaun West at 5:25 pm, Jan 06, 2023

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Chromeleon 7.3.0.60919

Semi Volatile GC Analysis Results

FORM 1 - Blank

EPA 8330B

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**4556339**		**Method Blank ID:**	**MB for HBN 137598 [EXTj/5220]**	
Date Analyzed:	**11/22/2022**	**18:37:00**	**Matrix:**	**WATER**	
Date Extracted:	**11/22/2022**	**07:40**	**File ID:**	**S22A006|S22B006**	
Dilution:	**1**		**Instrument ID:**	**J11S**	
Sample Wt/Vol:	**1000.00**	**mL**	**Analytical Run ID:**	**221122S-8330**	
Extract Vol:	**5000**	**uL**	**% Moisture:**	**100**	
			Lims Prep Batch:	**5220**	
Prep Method:	**EPA 3535A**		**Lims Analytical Batch:**	**1694**	

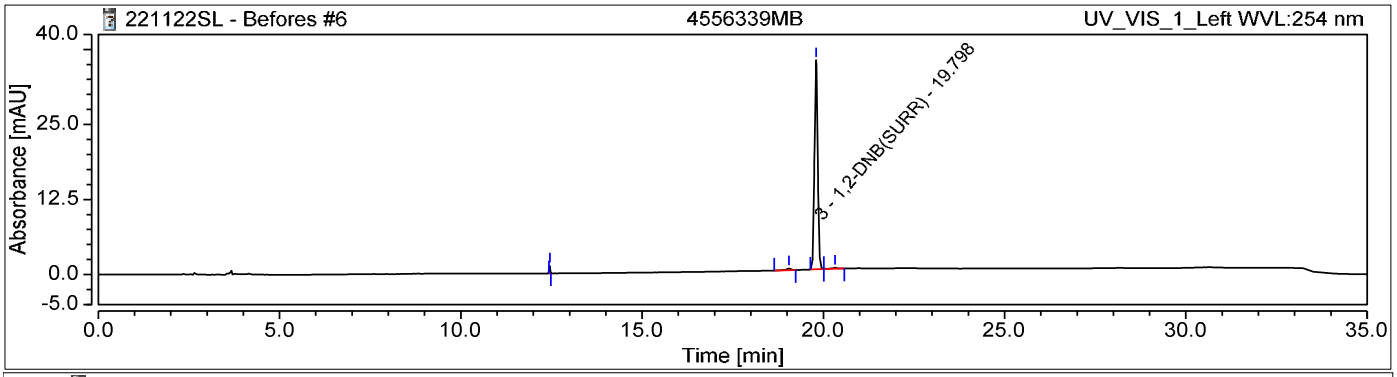
Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1,3-Dinitrobenzene	99-65-0	0.150	U	0.0750	0.150	0.300	ug/L
2,4,6-Trinitrotoluene (TNT)	118-96-7	0.150	U	0.0750	0.150	0.300	ug/L
2,4-Dinitrotoluene (2,4-DNT)	121-14-2	0.150	U	0.0500	0.150	0.300	ug/L
2,6-Dinitrotoluene (2,6-DNT)	606-20-2	0.150	U	0.0500	0.150	0.300	ug/L
2-Amino-4,6-Dinitrotoluene	35572-78-2	0.150	U	0.0750	0.150	0.300	ug/L
2-Nitrotoluene	88-72-2	0.150	U	0.0750	0.150	0.300	ug/L
3-Nitrotoluene	99-08-1	0.150	U	0.0750	0.150	0.300	ug/L
Nitrobenzene	98-95-3	0.150	U	0.0750	0.150	0.300	ug/L
Nitroglycerin	55-63-0	0.500	U	0.325	0.500	1.00	ug/L
PETN	78-11-5	0.500	U	0.250	0.500	1.00	ug/L
RDX	121-82-4	0.150	U	0.0750	0.150	0.300	ug/L

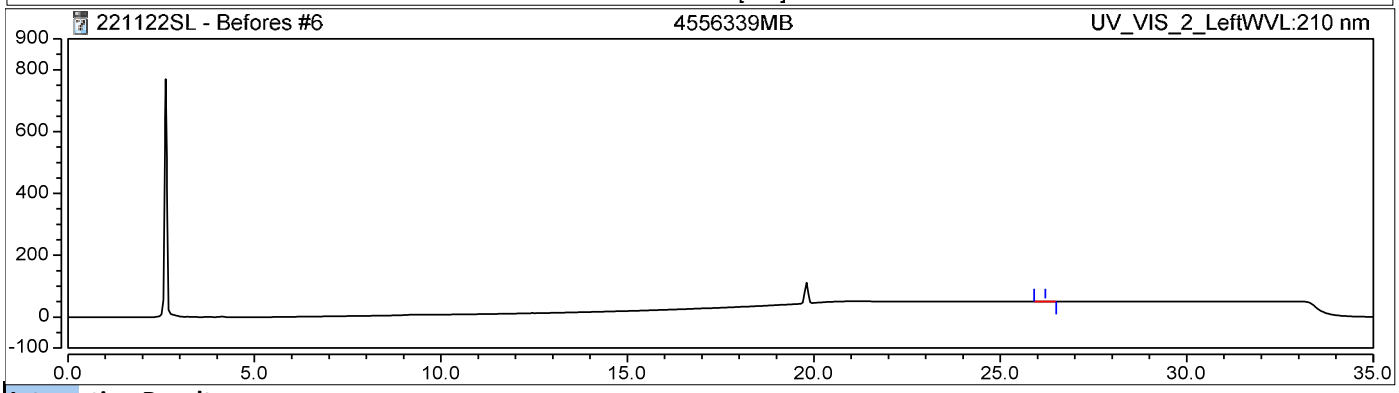
Chromatogram and Results

Injection Details

Injection Name:	**4556339MB**	*Analyst:*	**EMN**
File Number:	**S22A006**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**22/Nov/22 18:37**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3	1,2-DNB(SURR)	19.798	3.587	34.833	96.98	95.24	2.0905
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	NB/3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	246TNT/4A26DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**3.587**	**34.833**	**96.98**	**95.24**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

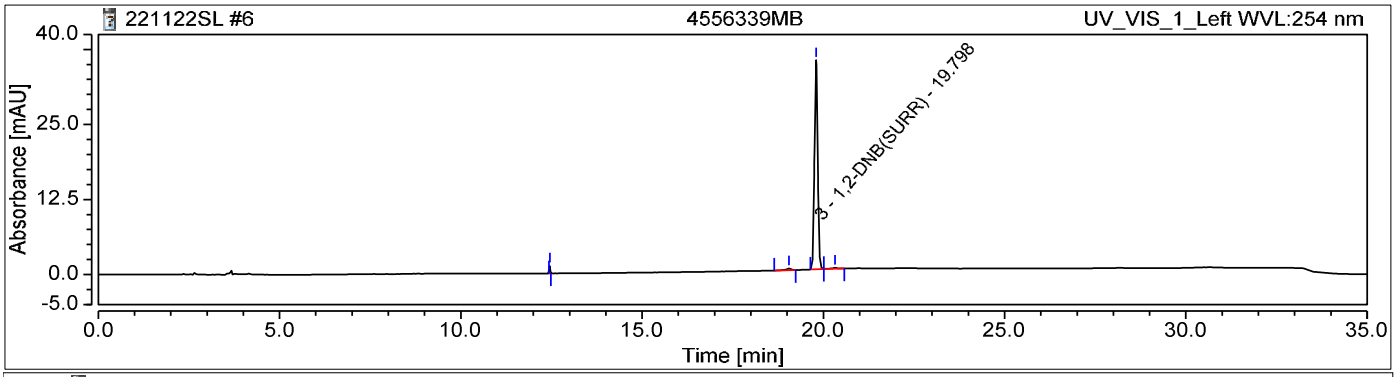
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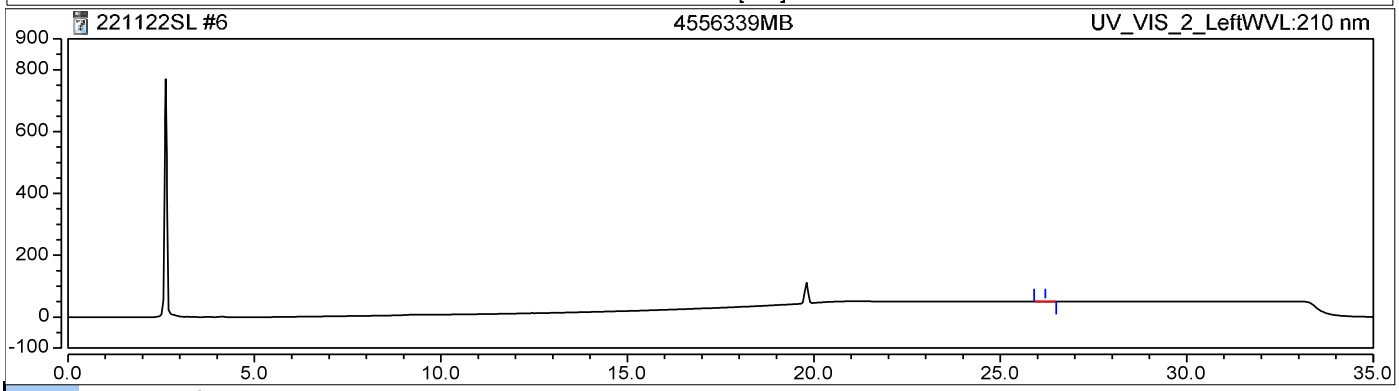
Chromatogram and Results

Injection Details

Injection Name:	**4556339MB**	*Analyst:*	**EMN**
File Number:	**S22A006**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**22/Nov/22 18:37**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
3	1,2-DNB(SURR)	19.798	3.587	34.833	96.98	95.24	2.0905
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	NB/3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	246TNT/4A26DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**3.587**	**34.833**	**96.98**	**95.24**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

No Manual Integrations Performed

By Shaun West at 5:01 pm, Jan 06, 2023

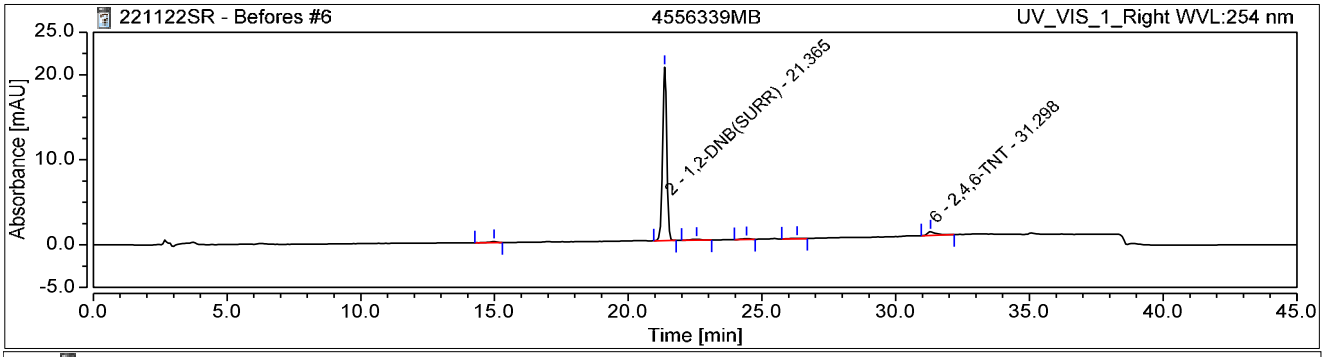
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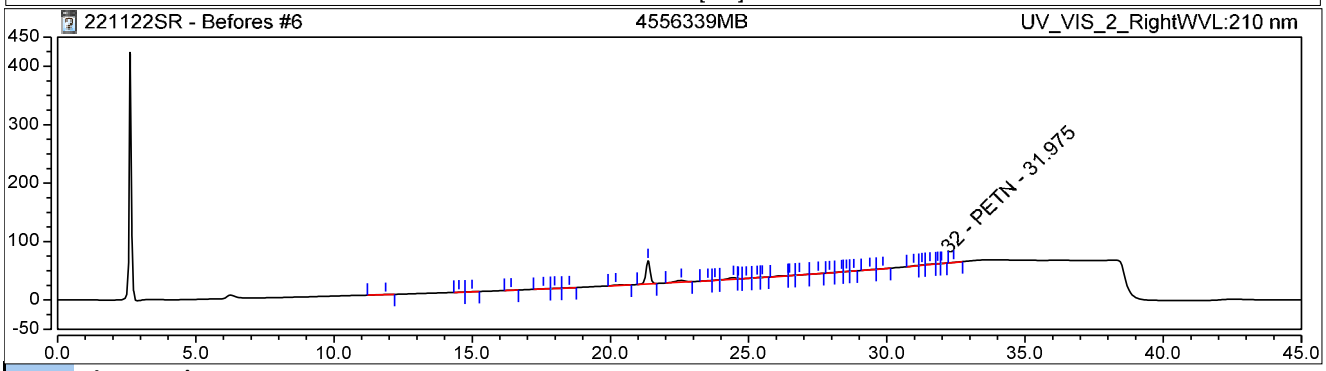
Chromatogram and Results

Injection Details

Injection Name:	**4556339MB**	*Analyst:*	**EMN**
File:	**S22B006**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**22/Nov/22 18:50**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Nitrobenzene	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2	1,2-DNB(SURR)	21.365	3.602	20.368	91.46	95.98	2.0326
n.a.	3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-A-2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
6	2,4,6-TNT	31.298	0.169	0.433	4.28	2.04	0.0577
Total:			**3.771**	**20.801**	**95.74**	**98.02**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
32	PETN	31.975	0.022	0.192	0.19	0.36	0.0459
Total:			**0.022**	**0.192**	**0.19**	**0.36**	

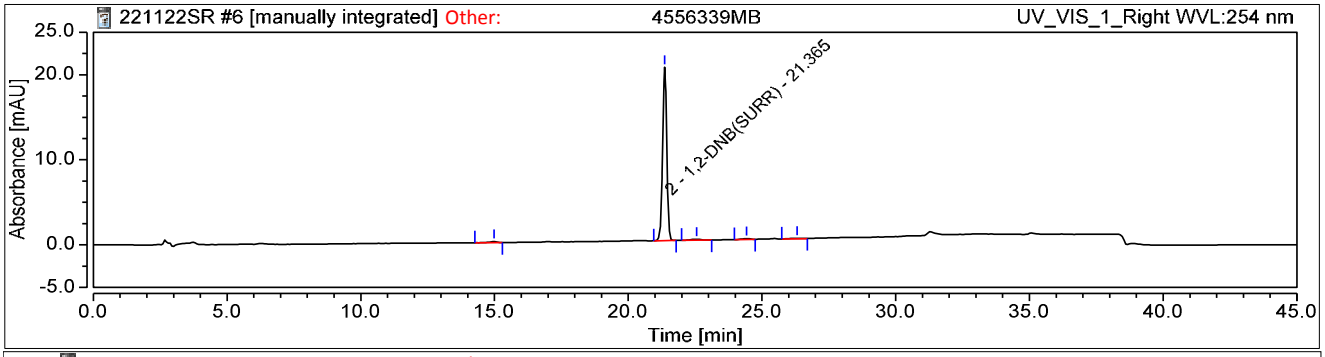
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Chromeleon 7.3.0.60919

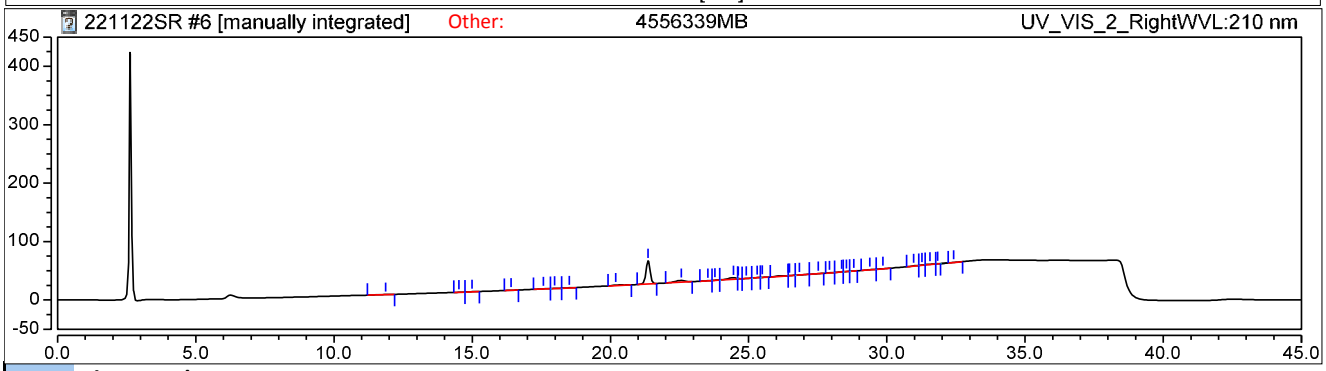
Chromatogram and Results

Injection Details

Injection Name:	**4556339MB**	*Analyst:*	**EMN**
File:	**S22B006**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**22/Nov/22 18:50**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	HMX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	RDX	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Nitrobenzene	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2	1,2-DNB(SURR)	21.365	3.602	20.368	95.55	97.98	2.0326
n.a.	3,5-DNA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3-DNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	4-A-2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2-A-4,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	Tetryl	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	2,4,6-TNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**3.602**	**20.368**	**95.55**	**97.98**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
n.a.	Nitroglycerin	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	PETN	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Total:			**0.000**	**0.000**	**0.00**	**0.00**	

Manual Integrations Reasons in Red

By Shaun West at 5:17 pm, Jan 06, 2023

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Chromeleon 7.3.0.60919

QC Summary Reports

Advanced Environmental Laboratories, Inc.

SURROGATE PERCENT RECOVERY SUMMARY

FORM 2A

EPA 8330B

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

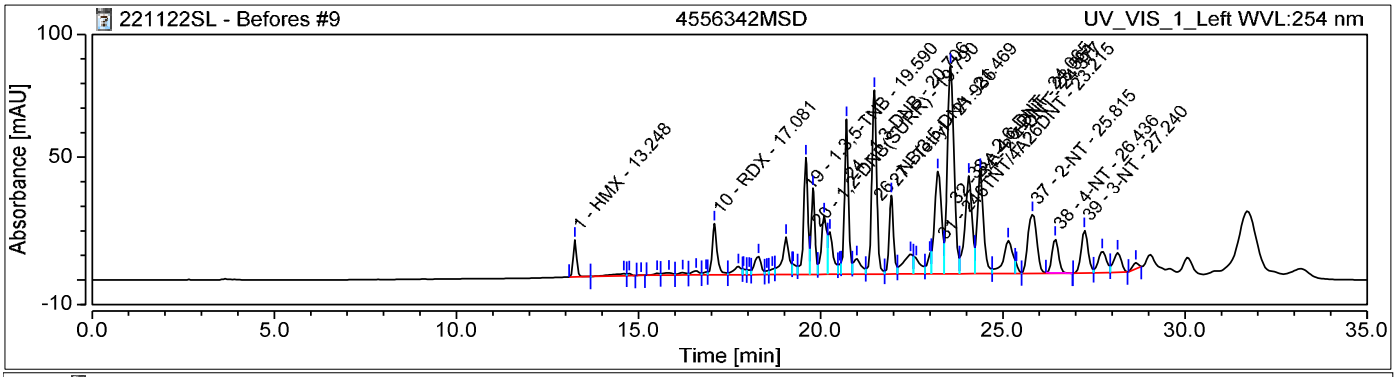
Lab Sample ID	Client Sample ID	Matrix	Parameter	Dil	Rec	Q	Rec	Q	Limits
4556339	MB for HBN 137598 [EXTj/522	WATER	1,2-Dinitrobenzene	1	105		102		83 - 119
4556340	LCS for HBN 137598 [EXTj/52	WATER	1,2-Dinitrobenzene	1	106		102		83 - 119
4556343	A143-RS566-GW-AEB3058-R	WATER	1,2-Dinitrobenzene	1	103		108		83 - 119
4556342	A143-RS566-GW-AEB3058-R	WATER	1,2-Dinitrobenzene	1	94.2		101		83 - 119
J2215752002	A143-RS566-GW-AEB3058-R	WATER	1,2-Dinitrobenzene	1	105		111		83 - 119
J2215752003	A143-RS614-GW-AEB3063-R	WATER	1,2-Dinitrobenzene	1	108		110		83 - 119
J2215752004	A143-RS616-GW-AEB3065-R	WATER	1,2-Dinitrobenzene	1	109		104		83 - 119
J2215752006	A143-RS886-GW-AEB3072-R	WATER	1,2-Dinitrobenzene	1	106		103		83 - 119
J2215752007	A143-RS615-GW-AEB3064-R	WATER	1,2-Dinitrobenzene	1	119	O	120	Q	83 - 119
J2215752008	A143-RS569-GW-AEB3062-R	WATER	1,2-Dinitrobenzene	1	116		110		83 - 119
J2215752009	143-RS2648-GW-AEB3085-R	WATER	1,2-Dinitrobenzene	1	102		100		83 - 119
J2215752010	A143-RS829-GW-AEB3070-R	WATER	1,2-Dinitrobenzene	1	114		112		83 - 119
J2215752011	A143-RS829-GW-AEB3071-F	WATER	1,2-Dinitrobenzene	1	106		117		83 - 119
J2215752012	A143-RS890-GW-AEB3074-R	WATER	1,2-Dinitrobenzene	1	110		108		83 - 119
J2215752014	143-Site-WA-AEB9001-REG	WATER	1,2-Dinitrobenzene	1	100		97.4		83 - 119
J2215752005	A143-RS888-GW-AEB3073-R	WATER	1,2-Dinitrobenzene	1	95.9		91.4		83 - 119

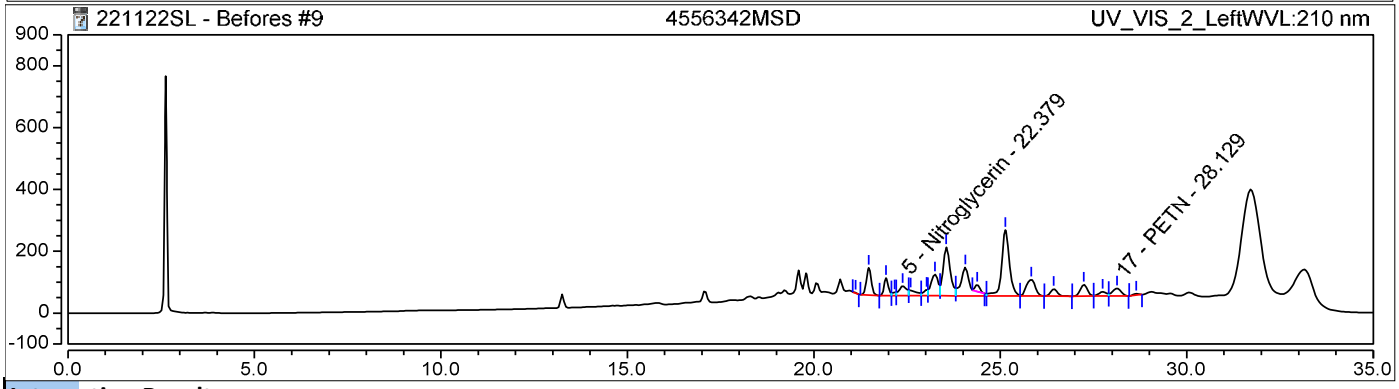
Chromatogram and Results

Injection Details

Injection Name:	**4556342MSD**	*Analyst:*	**EMN**
File Number:	**S22A009**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**22/Nov/22 20:43**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.248	1.686	15.087	1.31	2.13	1.5991
10	RDX	17.081	3.218	20.852	2.49	2.95	2.4800
19	1,3,5-TNB	19.590	6.402	47.583	4.96	6.72	2.2198
20	1,2-DNB(SURR)	19.790	4.028	35.077	3.12	4.96	2.3521
24	1,3-DNB	20.706	7.992	63.147	6.19	8.92	2.0446
26	NB/3,5-DNA	21.469	11.567	74.931	8.96	10.59	1.9284
27	Tetryl	21.936	4.356	32.024	3.37	4.52	1.9436
31	246TNT/4A26DNT	23.215	9.150	41.688	7.08	5.89	1.9622
32	2-A-4,6-DNT	23.561	18.047	84.536	13.97	11.94	6.3951
33	2,6-DNT	24.065	9.080	39.805	7.03	5.62	5.0721
34	2,4-DNT	24.377	8.196	41.770	6.34	5.90	2.2014
37	2-NT	25.815	6.874	24.070	5.32	3.40	3.9526
38	4-NT	26.436	2.828	13.878	2.19	1.96	1.8661
39	3-NT	27.240	3.832	17.397	2.97	2.46	2.0070
Total:			**97.254**	**551.848**	**75.29**	**77.97**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
5	Nitroglycerin	22.379	7.119	31.282	3.45	3.35	5.0559
17	PETN	28.129	6.616	24.235	3.21	2.59	4.4905
Total:			**13.735**	**55.517**	**6.66**	**5.94**	

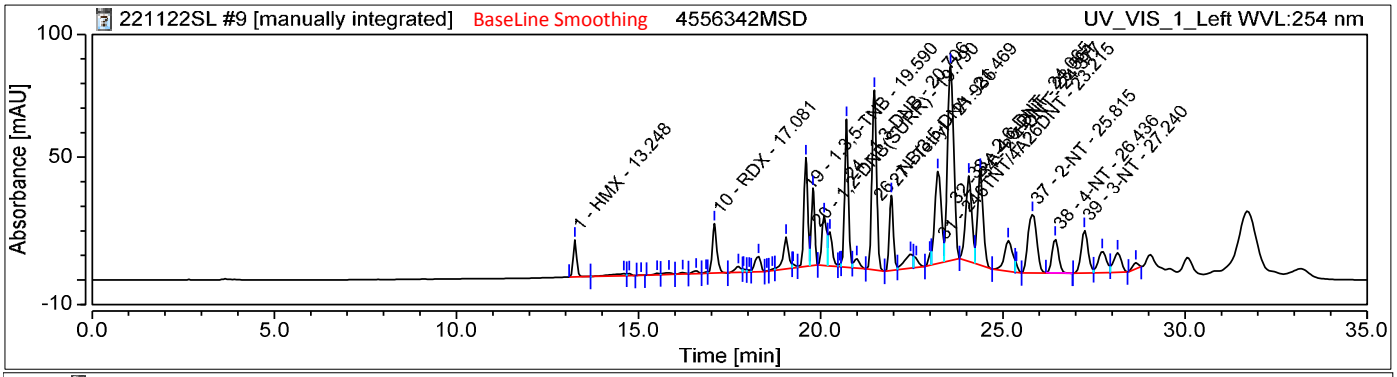
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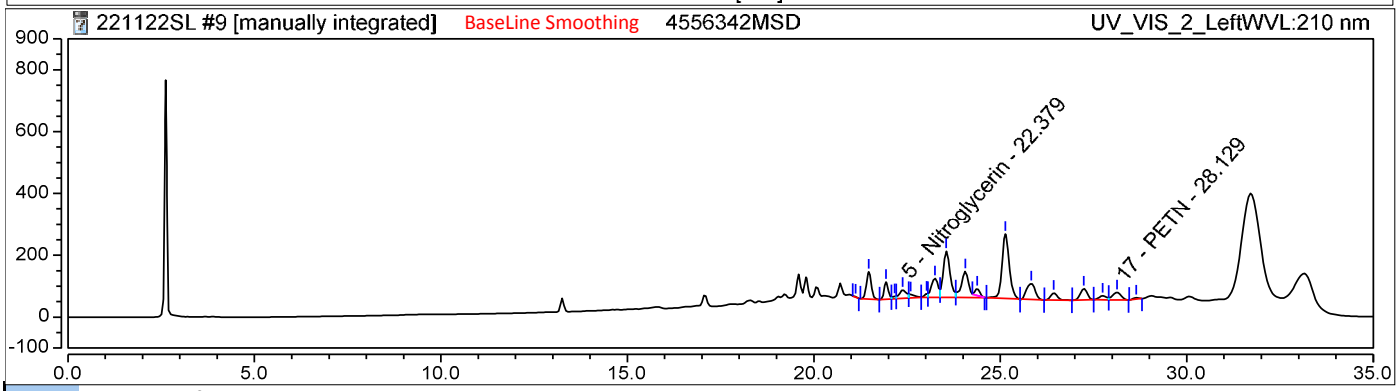
Chromatogram and Results

Injection Details

Injection Name:	**4556342MSD**	*Analyst:*	**EMN**
File Number:	**S22A009**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**22/Nov/22 20:43**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.248	1.686	15.087	1.57	2.36	1.5991
10	RDX	17.081	2.814	20.151	2.62	3.15	2.1675
19	1,3,5-TNB	19.590	5.327	44.333	4.95	6.93	1.8476
20	1,2-DNB(SURR)	19.790	3.238	31.468	3.01	4.92	1.8836
24	1,3-DNB	20.706	7.111	60.320	6.61	9.43	1.8188
26	NB/3,5-DNA	21.469	10.719	73.264	9.97	11.45	1.7867
27	Tetryl	21.936	3.876	30.626	3.60	4.79	1.7294
31	246TNT/4A26DNT	23.215	7.686	37.449	7.15	5.85	1.6473
32	2-A-4,6-DNT	23.561	15.716	79.118	14.62	12.36	5.5687
33	2,6-DNT	24.065	6.868	34.829	6.39	5.44	3.8362
34	2,4-DNT	24.377	6.784	38.344	6.31	5.99	1.8218
37	2-NT	25.815	6.757	23.940	6.28	3.74	3.8855
38	4-NT	26.436	2.828	13.878	2.63	2.17	1.8661
39	3-NT	27.240	3.832	17.397	3.56	2.72	2.0070
Total:			**85.241**	**520.205**	**79.28**	**81.29**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
5	Nitroglycerin	22.379	5.680	26.897	3.13	3.06	4.0325
17	PETN	28.129	6.420	23.810	3.54	2.71	4.3583
Total:			**12.100**	**50.706**	**6.66**	**5.76**	

Manual Integrations Reasons in Red

By Shaun West at 4:01 pm, Jan 09, 2023

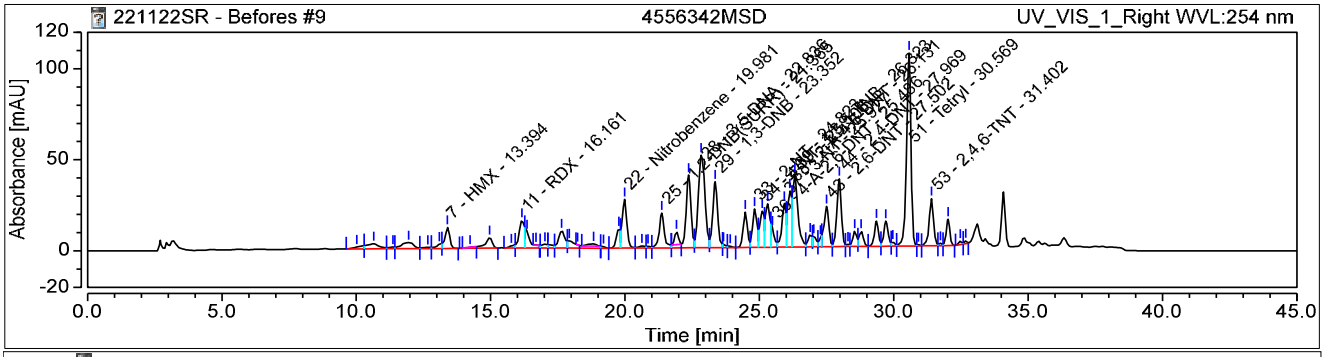
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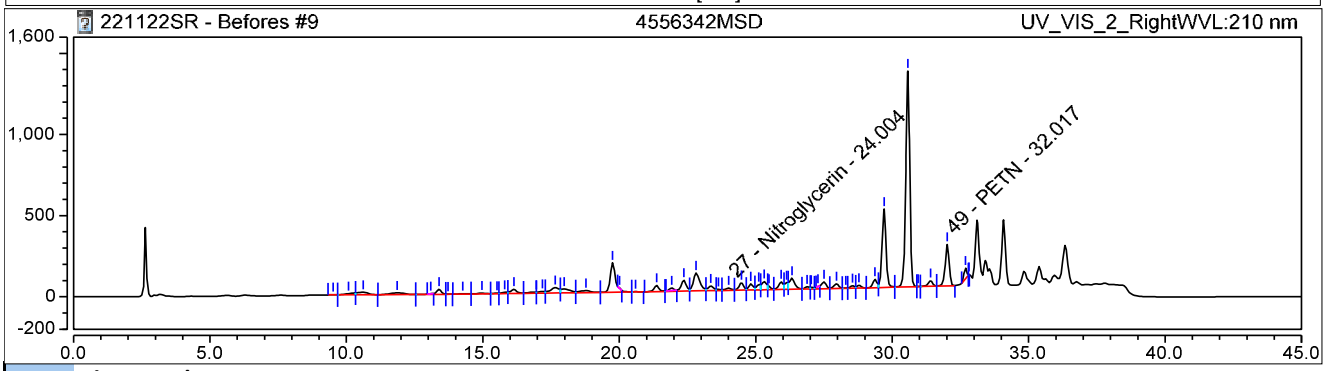
Chromatogram and Results

Injection Details

Injection Name:	**4556342MSD**	*Analyst:*	**EMN**
File:	**S22B009**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**22/Nov/22 21:12**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
7	HMX	13.394	2.452	11.619	1.61	1.59	2.4550
11	RDX	16.161	3.331	15.145	2.19	2.07	2.6100
22	Nitrobenzene	19.981	5.413	26.696	3.56	3.64	1.9956
25	1,2-DNB(SURR)	21.365	4.230	19.142	2.78	2.61	2.3865
28	3,5-DNA	22.836	14.553	50.748	9.56	6.93	4.4078
29	1,3-DNB	23.352	7.536	36.120	4.95	4.93	1.9399
33	2-NT	24.823	4.037	21.021	2.65	2.87	2.2930
34	4-NT	25.106	3.582	19.858	2.35	2.71	2.3467
36	4-A-2,6-DNT	25.486	1.541	10.557	1.01	1.44	0.7926
37	3-NT	25.927	4.480	23.937	2.94	3.27	2.1297
38	2-A-4,6-DNT	26.131	5.070	30.804	3.33	4.20	1.8166
39	1,3,5-TNB	26.323	9.051	39.621	5.95	5.41	3.3894
43	2,6-DNT	27.502	4.572	22.042	3.00	3.01	2.5118
44	2,4-DNT	27.969	7.169	37.201	4.71	5.08	1.9762
51	Tetryl	30.569	19.565	105.857	12.86	14.45	9.1020
53	2,4,6-TNT	31.402	4.999	25.906	3.28	3.54	1.8816
Total:			**101.581**	**496.273**	**66.75**	**67.74**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
27	Nitroglycerin	24.004	3.678	14.949	0.57	0.44	2.8385
49	PETN	32.017	43.159	255.616	6.69	7.59	30.6112
Total:			**46.838**	**270.565**	**7.26**	**8.03**	

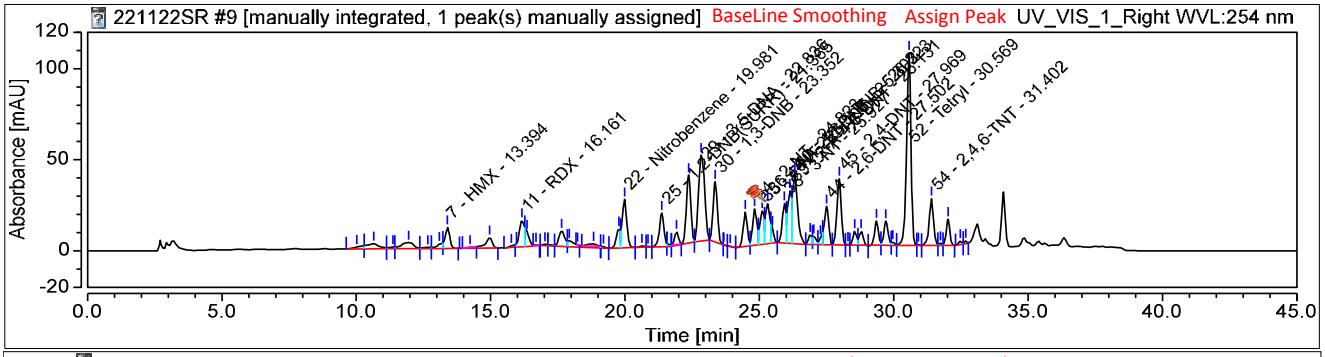
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Chromeleon 7.3.0.60919

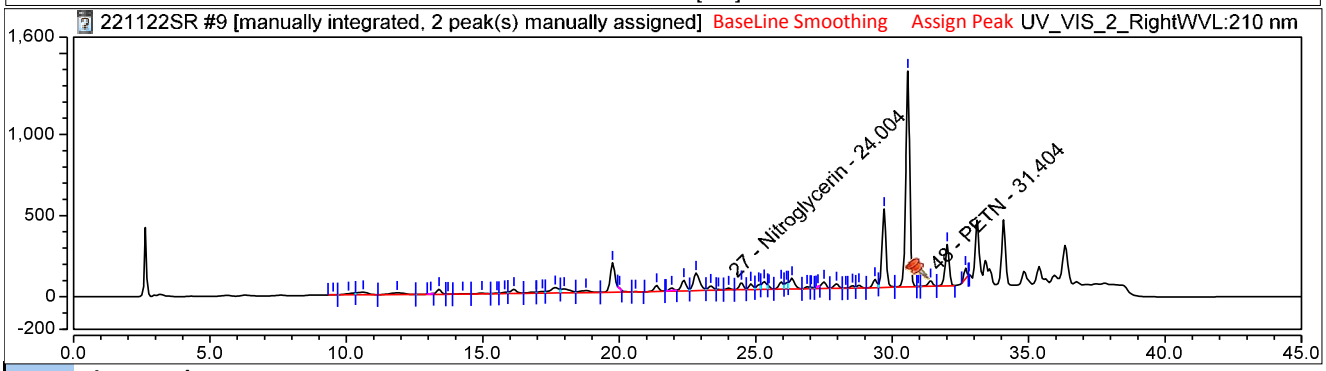
Chromatogram and Results

Injection Details

Injection Name:	**4556342MSD**	*Analyst:*	**EMN**
File:	**S22B009**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**22/Nov/22 21:12**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
7	HMX	13.394	2.323	11.619	1.71	1.68	2.3250
11	RDX	16.161	3.048	14.488	2.24	2.10	2.3871
22	Nitrobenzene	19.981	5.284	26.502	3.89	3.84	1.9482
25	1,2-DNB(SURR)	21.365	3.583	18.493	2.64	2.68	2.0217
29	3,5-DNA	22.836	12.472	47.121	9.19	6.82	3.7769
30	1,3-DNB	23.352	6.118	32.986	4.51	4.77	1.5746
34	2-NT	24.823	3.674	19.849	2.71	2.87	2.0875
35	4-NT	25.106	3.216	18.217	2.37	2.64	2.1075
36	4-A-2,6-DNT	25.302	4.042	21.855	2.98	3.16	2.0882
38	3-NT	25.927	3.641	21.665	2.68	3.14	1.7327
39	2-A-4,6-DNT	26.131	4.673	28.751	3.44	4.16	1.6731
40	1,3,5-TNB	26.323	8.181	37.773	6.03	5.47	3.0627
44	2,6-DNT	27.502	3.874	20.953	2.85	3.03	2.1282
45	2,4-DNT	27.969	6.726	36.312	4.95	5.26	1.8538
52	Tetryl	30.569	19.307	105.528	14.22	15.27	8.9817
54	2,4,6-TNT	31.402	4.890	25.738	3.60	3.73	1.8405
Total:			**95.050**	**487.850**	**70.01**	**70.61**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
27	Nitroglycerin	24.004	2.277	12.118	0.36	0.36	1.7772
48	PETN	31.404	6.867	35.143	1.09	1.05	4.8958
Total:			**9.143**	**47.261**	**1.45**	**1.42**	

Manual Integrations Reasons in Red

By Shaun West at 4:02 pm, Jan 09, 2023

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Chromeleon 7.3.0.60919

SEMI-VOLATILE GC ORGANICS

MATRIX SPIKE REPORT

FORM 3A

EPA 8330B

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

MS Sample ID: 4556343
Client Sample ID: A143-RS566-GW-AEB3058-REG
Date Extracted: 11/22/2022 14:13
Parent Analyzed: 11/22/2022 21:25:00
MS Analyzed: 11/22/2022 20:01:00
Dilution MS: 1.0
Lims Analytical Batch: 1694
Lims Prep Batch: 5220
Prep Method: EPA 3535A

Matrix: WATER
Parent Wgt/Vol: 970.00 mL
MS Wgt/Vol: 960.0 mL
Parent Final Volume: 5000.0 uL
MS Final Volume: 5000 uL
% Moisture: 100.00
Parent File ID: S22A010|S22B010
MS File ID: S22A008|S22B008
GC Column: Acclaim C18 Luna
Units: ug/L

Parameters	Conc Added	Sample	Results MS(1)	Results MS(2)	%Rec MS(1)	Q (1)	%Rec MS(2)	Q (2)	QC Limits Recovery
1,3-Dinitrobenzene	10.4	0.0309 U	10.4	9.17	100		88.0		78 - 120
2,4,6-Trinitrotoluene (TNT)	10.4	0.0309 U	10.2	10.3	98.1		99.2		71 - 123
2,4-Dinitrotoluene (2,4-DNT)	10.4	0.0309 U	11.4	10.3	109		99.0		78 - 120
2,6-Dinitrotoluene (2,6-DNT)	10.4	0.0309 U	25.6	11.6	246	*	112		77 - 127
2-Amino-4,6-Dinitrotoluene	10.4	0.0309 U	33.9	9.65	325	*	92.7		79 - 120
2-Nitrotoluene	10.4	0.0309 U	21.5	11.8	207	*	113		70 - 127
3-Nitrotoluene	10.4	0.0309 U	11.2	9.57	108		91.9		73 - 125
Nitrobenzene	10.4	0.0309 U	10.1	11.2	97.4		108		65 - 134
Nitroglycerin	10.4	0.103 U	8.73	8.42	83.8		80.8		74 - 127
PETN	10.4	0.103 U	24.5	27.8	236	Q,*	267	*	73 - 127
RDX	10.4	0.0309 U	11.3	14.5	108		139	*	68 - 130

NC = Not Calculable - the spike concentration added has been diluted below the LOQ

Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE GC ORGANICS

MATRIX SPIKE/MATRIX SPIKE DUPLICATE REPORT

FORM 3A

EPA 8330B

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

MSD Sample ID:	4556342		**Matrix:**	WATER	
Client Sample ID:	A143-RS566-GW-AEB3058-REG		**Parent Wgt/Vol:**	970.0	mL
Date Extracted:	11/22/2022	14:13	**MSD Wgt/Vol:**	960.0	mL
Parent Analyzed:	11/22/2022	21:25:00	**Parent Final Volume:**	5000	uL
MSD Analyzed:	11/22/2022	20:43:00	**MSD Final Volume:**	5000	uL
Dilution MSD:	1.0		**% Moisture:**	100.00	
Lims Analytical Batch:	1694		**Parent File ID:**	S22A010|S22B010	
Lims Prep Batch:	5220		**MSD File ID:**	S22A009|S22B009	
			GC Column:	Acclaim C18 Luna	
Prep Method:	EPA 3535A		**Units:**	ug/L	

Parameters	Conc Added	Sample	Results MSD(1)	Results MSD(2)	%Rec MSD(1)	Q (1)	%Rec MSD(2)	Q (2)	RPD (1)	Q (1)	RPD (2)	Q (2)	QC Limits Recovery	QC Limits RPD
1,3-Dinitrobenzene	10.4	0.0309 U	9.47	8.20	90.9		78.7		9.5		11		78 - 120	20
2,4,6-Trinitrotoluene (TNT)	10.4	0.0309 U	8.58	9.59	82.4		92.0		17		7.5		71 - 123	20
2,4-Dinitrotoluene (2,4-DNT)	10.4	0.0309 U	9.49	9.66	91.1		92.7		18		6.6		78 - 120	20
2,6-Dinitrotoluene (2,6-DNT)	10.4	0.0309 U	20.0	11.1	192	*	106		25	*	4.7		77 - 127	20
2-Amino-4,6-Dinitrotoluene	10.4	0.0309 U	29.0	8.71	278	*	83.7		15		10		79 - 120	20
2-Nitrotoluene	10.4	0.0309 U	20.2	10.9	194	*	104		6.2		8.2		70 - 127	20
3-Nitrotoluene	10.4	0.0309 U	10.5	9.02	100		86.6		7.1		5.9		73 - 125	20
Nitrobenzene	10.4	0.0309 U	9.31	10.1	89.3		97.4		8.6		9.9		65 - 134	20
Nitroglycerin	10.4	0.103 U	21.0	9.26	202	*	88.9		83	*	9.4		74 - 127	20
PETN	10.4	0.103 U	22.7	25.5	218	Q,*	245	*	7.8		8.8		73 - 127	20
RDX	10.4	0.0309 U	11.3	12.4	108		119		0.20		15		68 - 130	20

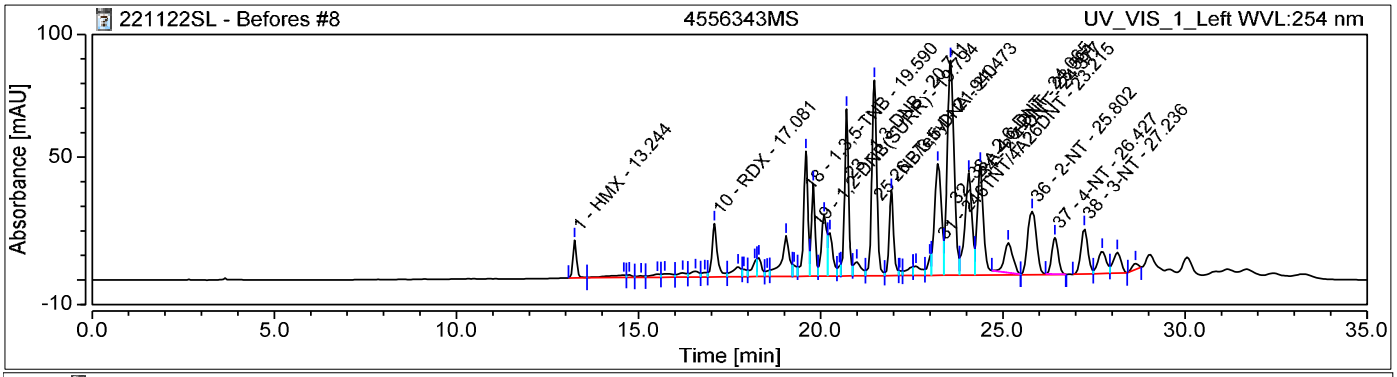
NC = Not Calculable - the spike concentration added has been diluted below the LOQ

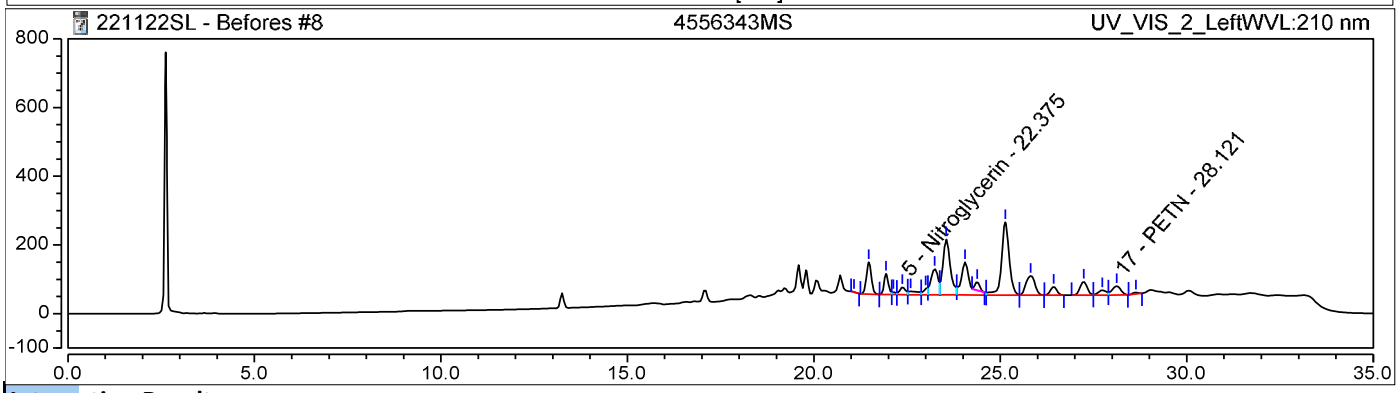
Chromatogram and Results

Injection Details

Injection Name:	**4556343MS**	*Analyst:*	**EMN**
File Number:	**S22A008**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**22/Nov/22 20:01**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.244	1.778	15.253	1.30	2.05	1.6870
10	RDX	17.081	3.630	21.635	2.66	2.91	2.7983
18	1,3,5-TNB	19.590	6.784	50.811	4.97	6.84	2.3524
19	1,2-DNB(SURR)	19.794	4.356	37.741	3.19	5.08	2.5464
23	1,3-DNB	20.711	8.642	67.952	6.33	9.15	2.2111
25	NB/3,5-DNA	21.473	12.489	79.555	9.15	10.72	2.0822
26	Tetryl	21.940	4.754	34.395	3.48	4.63	2.1215
31	246TNT/4A26DNT	23.215	9.854	45.351	7.22	6.11	2.1136
32	2-A-4,6-DNT	23.561	19.077	87.413	13.98	11.77	6.7604
33	2,6-DNT	24.065	9.392	41.535	6.88	5.59	5.2468
34	2,4-DNT	24.377	9.441	44.806	6.92	6.04	2.5362
36	2-NT	25.802	7.289	25.730	5.34	3.47	4.1919
37	4-NT	26.427	2.975	14.780	2.18	1.99	1.9626
38	3-NT	27.236	4.114	18.528	3.01	2.50	2.1547
Total:			**104.576**	**585.485**	**76.63**	**78.86**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
5	Nitroglycerin	22.375	3.926	21.687	1.89	2.29	2.7851
17	PETN	28.121	6.942	25.602	3.35	2.71	4.7104
Total:			**10.869**	**47.289**	**5.24**	**5.00**	

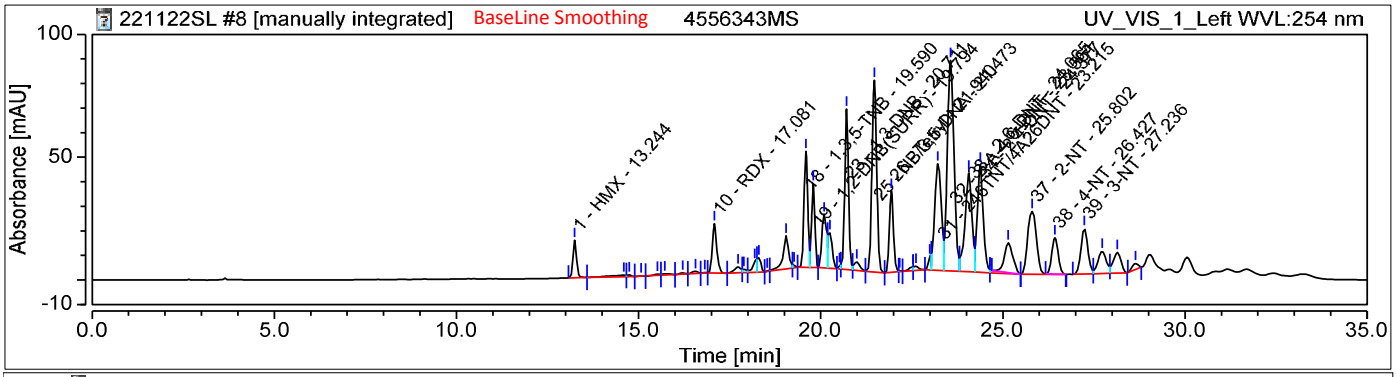
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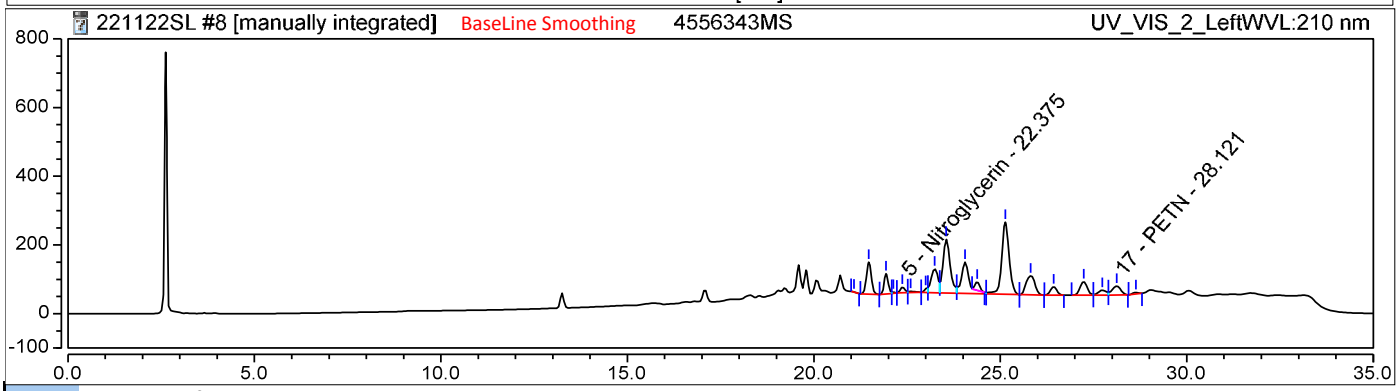
Chromatogram and Results

Injection Details

Injection Name:	**4556343MS**	*Analyst:*	**EMN**
File Number:	**S22A008**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**22/Nov/22 20:01**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.244	1.751	15.217	1.49	2.24	1.6609
10	RDX	17.081	2.807	20.043	2.39	2.94	2.1622
18	1,3,5-TNB	19.590	5.572	47.180	4.75	6.93	1.9324
19	1,2-DNB(SURR)	19.794	3.545	34.134	3.02	5.01	2.0656
23	1,3-DNB	20.711	7.823	65.396	6.67	9.61	2.0011
25	NB/3,5-DNA	21.473	11.679	78.005	9.96	11.46	1.9471
26	Tetryl	21.940	4.213	33.005	3.59	4.85	1.8798
31	246TNT/4A26DNT	23.215	9.148	43.315	7.80	6.36	1.9618
32	2-A-4,6-DNT	23.561	18.345	85.663	15.65	12.58	6.5007
33	2,6-DNT	24.065	8.814	40.199	7.52	5.90	4.9234
34	2,4-DNT	24.377	8.153	43.728	6.95	6.42	2.1899
37	2-NT	25.802	7.188	25.608	6.13	3.76	4.1338
38	4-NT	26.427	2.975	14.780	2.54	2.17	1.9626
39	3-NT	27.236	4.114	18.528	3.51	2.72	2.1547
Total:			**96.125**	**564.801**	**81.99**	**82.96**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
5	Nitroglycerin	22.375	2.366	16.406	1.24	1.82	1.6754
17	PETN	28.121	6.942	25.602	3.64	2.83	4.7104
Total:			**9.308**	**42.008**	**4.88**	**4.65**	

Manual Integrations Reasons in Red

By Shaun West at 5:01 pm, Jan 06, 2023

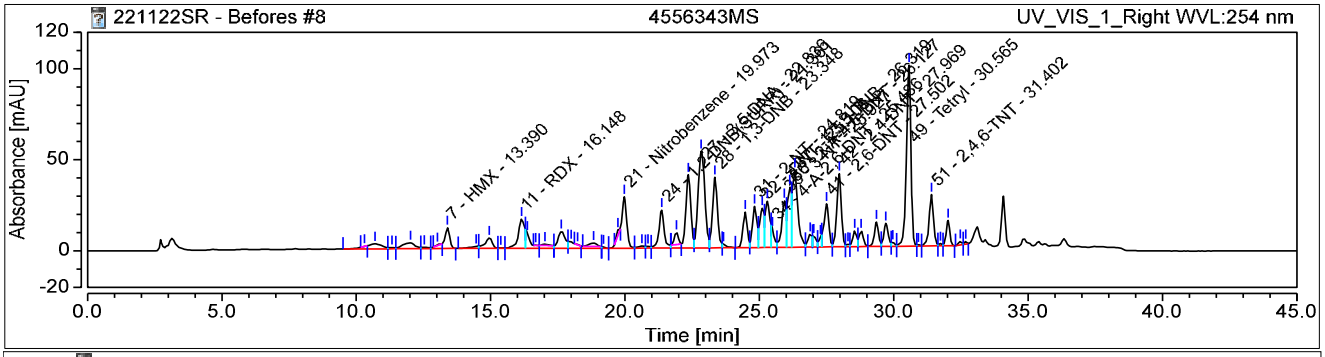
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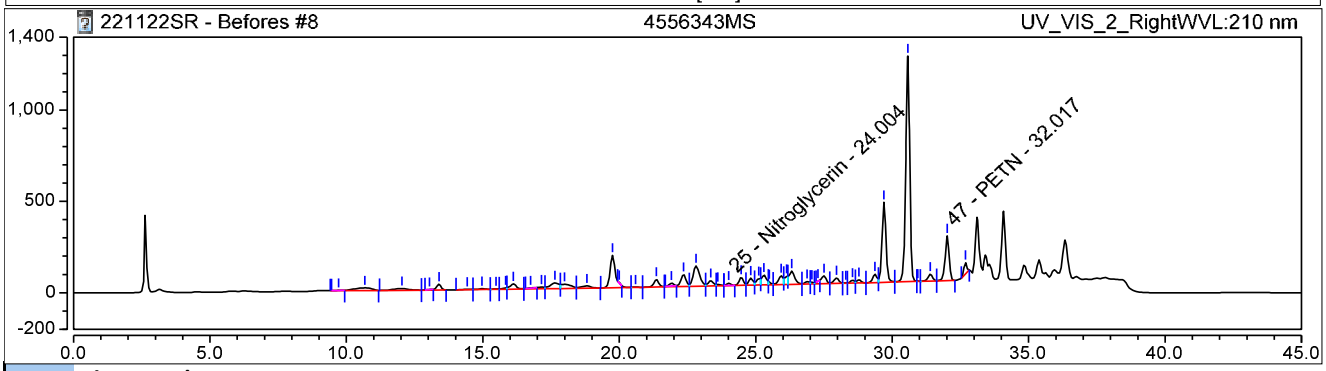
Chromatogram and Results

Injection Details

Injection Name:	**4556343MS**	*Analyst:*	**EMN**
File:	**S22B008**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**22/Nov/22 20:25**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
7	HMX	13.390	2.965	11.368	1.86	1.54	2.9693
11	RDX	16.148	4.297	16.142	2.70	2.19	3.3687
21	Nitrobenzene	19.973	7.252	28.189	4.56	3.82	2.6731
24	1,2-DNB(SURR)	21.361	4.630	20.819	2.91	2.82	2.6120
27	3,5-DNA	22.836	15.367	52.885	9.66	7.17	4.6546
28	1,3-DNB	23.348	8.200	38.653	5.16	5.24	2.1109
31	2-NT	24.819	4.373	22.576	2.75	3.06	2.4839
32	4-NT	25.106	3.926	21.539	2.47	2.92	2.5715
34	4-A-2,6-DNT	25.486	1.428	10.066	0.90	1.37	0.7340
35	3-NT	25.927	4.741	25.608	2.98	3.47	2.2534
36	2-A-4,6-DNT	26.127	5.607	33.101	3.53	4.49	2.0102
37	1,3,5-TNB	26.319	9.749	42.224	6.13	5.73	3.6515
41	2,6-DNT	27.502	4.907	23.537	3.09	3.19	2.6957
42	2,4-DNT	27.969	7.787	40.128	4.90	5.44	2.1471
49	Tetryl	30.565	18.647	99.302	11.73	13.47	8.6744
51	2,4,6-TNT	31.402	5.430	28.133	3.41	3.82	2.0442
Total:			**109.305**	**514.271**	**68.73**	**69.74**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
25	Nitroglycerin	24.004	2.065	12.615	0.33	0.39	1.6169
47	PETN	32.017	41.571	244.673	6.72	7.64	29.4861
Total:			**43.636**	**257.289**	**7.05**	**8.04**	

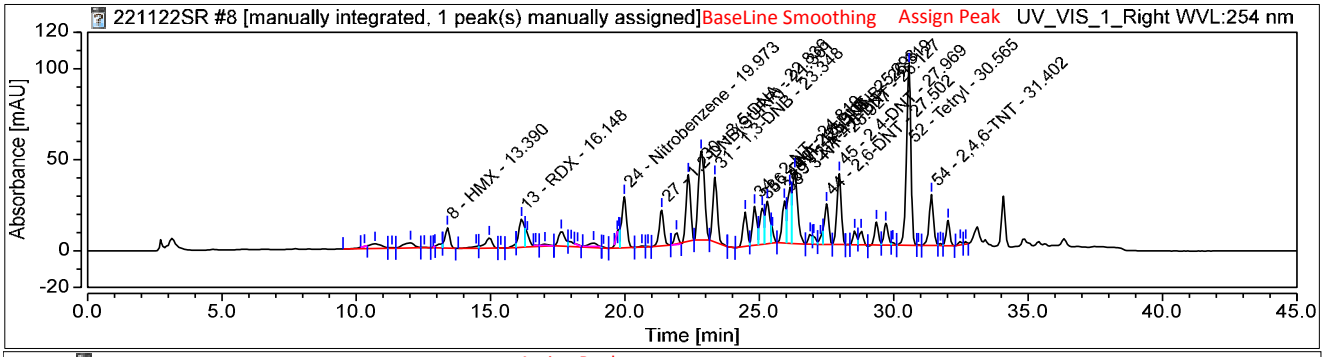
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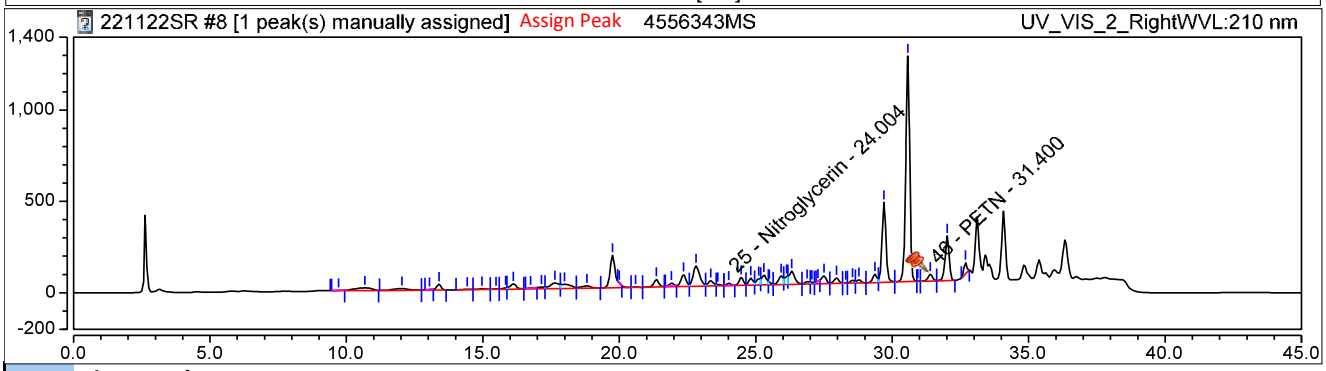
Chromatogram and Results

Injection Details

Injection Name:	**4556343MS**	*Analyst:*	**EMN**
File:	**S22B008**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**22/Nov/22 20:25**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
8	HMX	13.390	2.269	11.206	1.64	1.60	2.2706
13	RDX	16.148	3.543	15.530	2.57	2.22	2.7759
24	Nitrobenzene	19.973	5.834	27.940	4.23	3.99	2.1508
27	1,2-DNB(SURR)	21.361	3.822	19.670	2.77	2.81	2.1567
30	3,5-DNA	22.836	12.905	48.540	9.35	6.94	3.9083
31	1,3-DNB	23.348	6.838	35.511	4.95	5.08	1.7602
34	2-NT	24.819	3.989	21.335	2.89	3.05	2.2662
35	4-NT	25.106	3.540	19.800	2.56	2.83	2.3191
36	4-A-2,6-DNT	25.298	4.405	23.305	3.19	3.33	2.2762
38	3-NT	25.927	3.863	23.203	2.80	3.32	1.8381
39	2-A-4,6-DNT	26.127	5.173	30.907	3.75	4.42	1.8534
40	1,3,5-TNB	26.319	8.805	40.232	6.38	5.75	3.2969
44	2,6-DNT	27.502	4.060	22.188	2.94	3.17	2.2305
45	2,4-DNT	27.969	7.183	38.911	5.20	5.56	1.9800
52	Tetryl	30.565	18.270	98.821	13.23	14.13	8.4990
54	2,4,6-TNT	31.402	5.270	27.890	3.82	3.99	1.9840
Total:			**99.769**	**504.989**	**72.26**	**72.19**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
25	Nitroglycerin	24.004	2.065	12.615	0.33	0.39	1.6169
46	PETN	31.400	7.502	38.267	1.21	1.20	5.3459
Total:			**9.567**	**50.882**	**1.55**	**1.59**	

Manual Integrations Reasons in Red

By Shaun West at 5:19 pm, Jan 06, 2023

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Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE GC ORGANICS

LABORATORY CONTROL SAMPLE REPORT

FORM 3C

EPA 8330B

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

LCS Sample ID:	4556340	**Matrix:**	WATER
Date Extracted:	11/22/2022 07:40	**LCS Wgt/Vol:**	1000.0 mL
LCS Analyzed:	11/22/2022 19:19:00	**LCS Final Volume:**	5000 uL
Dilution LCS:	1	**% Moisture:**	100.00
Lims Prep Batch:	5220	**Lims Analytical Batch:**	1694
LCS File ID:	S22A007|S22B007	**GC Column:**	Acclaim C18 Luna
Prep Method:	EPA 3535A	**Units:**	ug/L

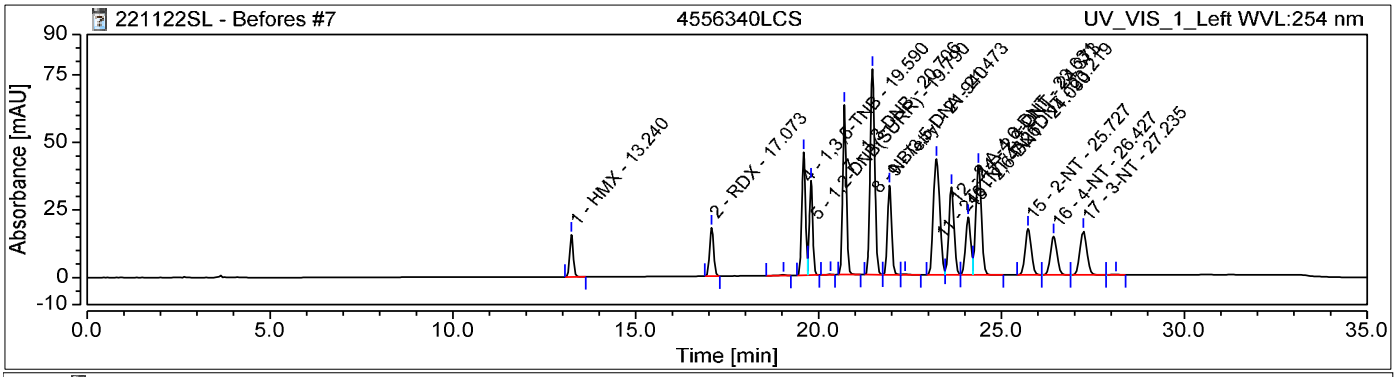
Parameters	Conc Added	Conc LCS (1)	Conc LCS (2)	%Rec LCS (1)	Q (1)	%Rec LCS (2)	Q (2)	QC Limits Recovery
1,3-Dinitrobenzene	10.0	9.43	9.47	94.3		94.7		78 - 120
2,4,6-Trinitrotoluene (TNT)	10.0	9.48	9.77	94.8		97.7		71 - 123
2,4-Dinitrotoluene (2,4-DNT)	10.0	9.47	9.60	94.7		96.0		78 - 120
2,6-Dinitrotoluene (2,6-DNT)	10.0	9.70	9.56	97.0		95.6		77 - 127
2-Amino-4,6-Dinitrotoluene	10.0	9.34	10.2	93.4		102		79 - 120
2-Nitrotoluene	10.0	9.50	9.74	95.0		97.4		70 - 127
3-Nitrotoluene	10.0	9.44	8.87	94.4		88.7		73 - 125
Nitrobenzene	10.0	9.31	9.57	93.1		95.7		65 - 134
Nitroglycerin	10.0	9.01	9.55	90.1		95.5		74 - 127
PETN	10.0	9.66	9.70	96.6	Q	97.0		73 - 127
RDX	10.0	8.62	8.65	86.2		86.5		68 - 130

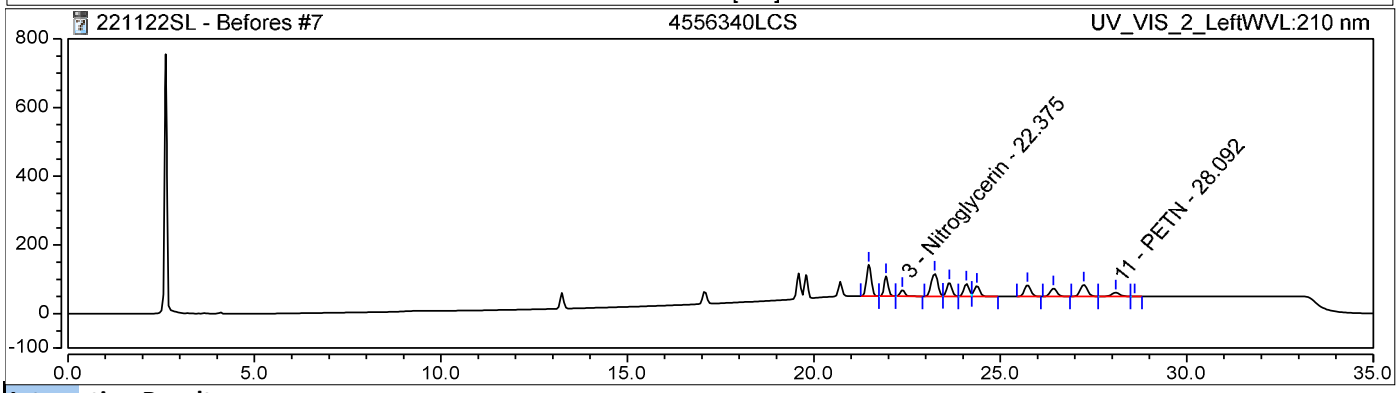
Chromatogram and Results

Injection Details

Injection Name:	**4556340LCS**	*Analyst:*	**EMN**
File Number:	**S22A007**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**22/Nov/22 19:19**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.240	1.745	15.589	2.48	3.31	1.6556
2	RDX	17.073	2.240	17.896	3.18	3.80	1.7240
4	1,3,5-TNB	19.590	5.304	45.481	7.54	9.65	1.8395
5	1,2-DNB(SURR)	19.790	3.650	34.938	5.19	7.41	2.1280
7	1,3-DNB	20.706	7.375	62.804	10.49	13.33	1.8864
8	NB/3,5-DNA	21.473	11.175	76.094	15.89	16.15	1.8629
9	Tetryl	21.940	4.189	33.007	5.96	7.00	1.8690
11	246TNT/4A26DNT	23.219	8.844	42.845	12.57	9.09	1.8965
12	2-A-4,6-DNT	23.631	5.278	32.498	7.51	6.90	1.8679
13	2,6-DNT	24.090	3.473	21.374	4.94	4.54	1.9390
14	2,4-DNT	24.373	7.051	40.339	10.02	8.56	1.8936
15	2-NT	25.727	3.306	17.077	4.70	3.62	1.9001
16	4-NT	26.427	2.927	14.196	4.16	3.01	1.9310
17	3-NT	27.235	3.605	16.241	5.13	3.45	1.8886
Total:			**70.162**	**470.378**	**99.76**	**99.81**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	Nitroglycerin	22.375	2.657	18.610	3.47	4.19	1.8823
11	PETN	28.092	2.820	11.347	3.68	2.55	1.9318
Total:			**5.477**	**29.956**	**7.14**	**6.74**	

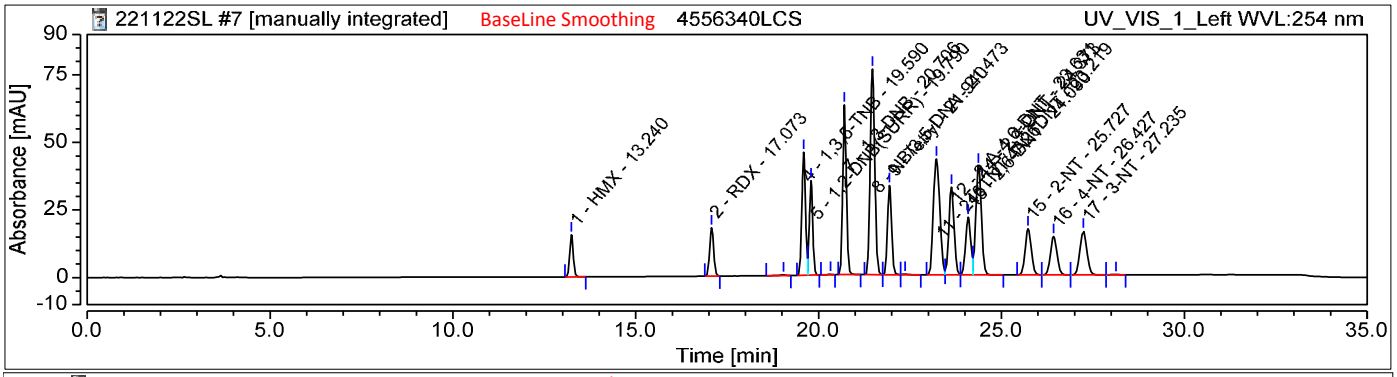
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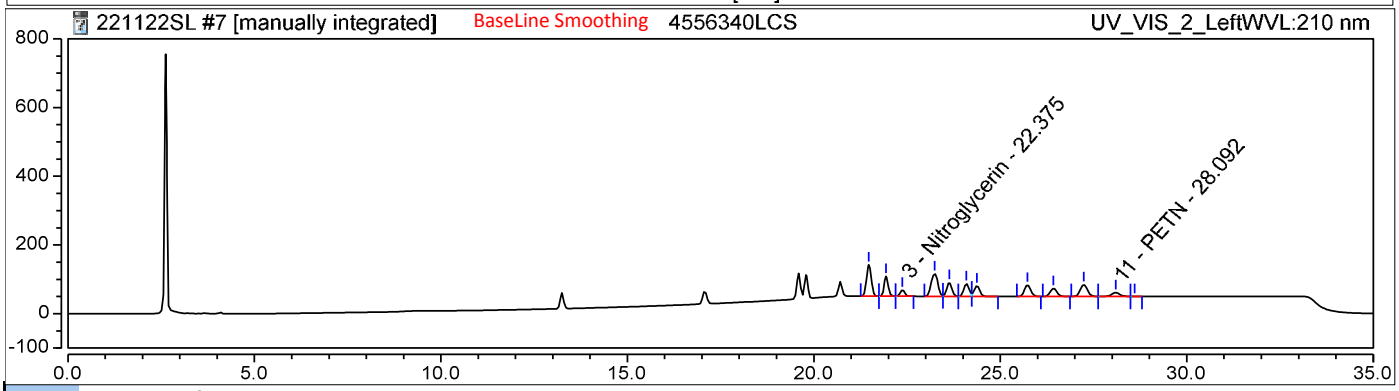
Chromatogram and Results

Injection Details

Injection Name:	**4556340LCS**	*Analyst:*	**EMN**
File Number:	**S22A007**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	**1694**
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**22/Nov/22 19:19**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.240	1.745	15.589	2.48	3.31	1.6556
2	RDX	17.073	2.240	17.896	3.18	3.80	1.7240
4	1,3,5-TNB	19.590	5.304	45.481	7.54	9.65	1.8395
5	1,2-DNB(SURR)	19.790	3.650	34.938	5.19	7.41	2.1280
7	1,3-DNB	20.706	7.375	62.804	10.49	13.33	1.8864
8	NB/3,5-DNA	21.473	11.175	76.094	15.89	16.15	1.8629
9	Tetryl	21.940	4.189	33.007	5.96	7.00	1.8690
11	246TNT/4A26DNT	23.219	8.844	42.845	12.57	9.09	1.8965
12	2-A-4,6-DNT	23.631	5.278	32.498	7.51	6.90	1.8679
13	2,6-DNT	24.090	3.473	21.374	4.94	4.54	1.9390
14	2,4-DNT	24.373	7.051	40.339	10.02	8.56	1.8936
15	2-NT	25.727	3.306	17.077	4.70	3.62	1.9001
16	4-NT	26.427	2.927	14.196	4.16	3.01	1.9310
17	3-NT	27.235	3.605	16.241	5.13	3.45	1.8886
Total:			**70.162**	**470.378**	**99.76**	**99.81**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	Nitroglycerin	22.375	2.545	18.436	3.33	4.15	1.8029
11	PETN	28.092	2.820	11.347	3.69	2.56	1.9318
Total:			**5.365**	**29.782**	**7.01**	**6.71**	

Manual Integrations Reasons in Red

By Shaun West at 5:01 pm, Jan 06, 2023

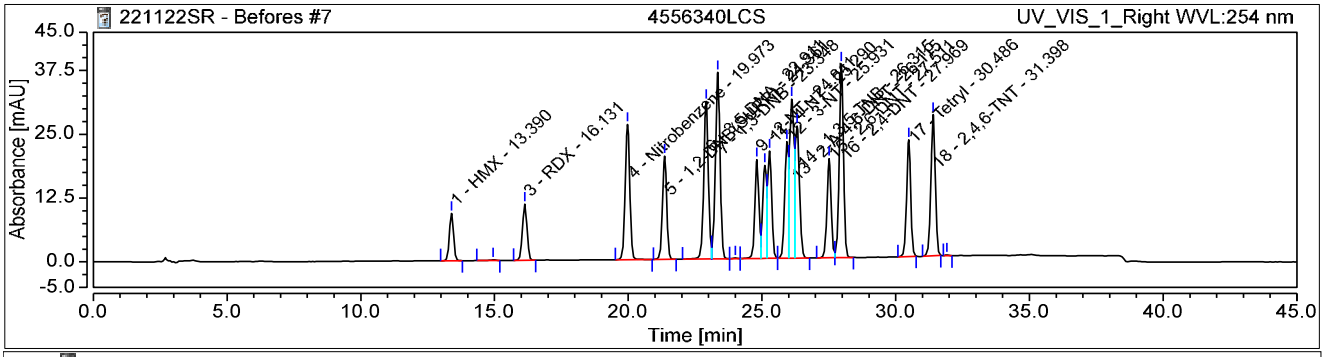
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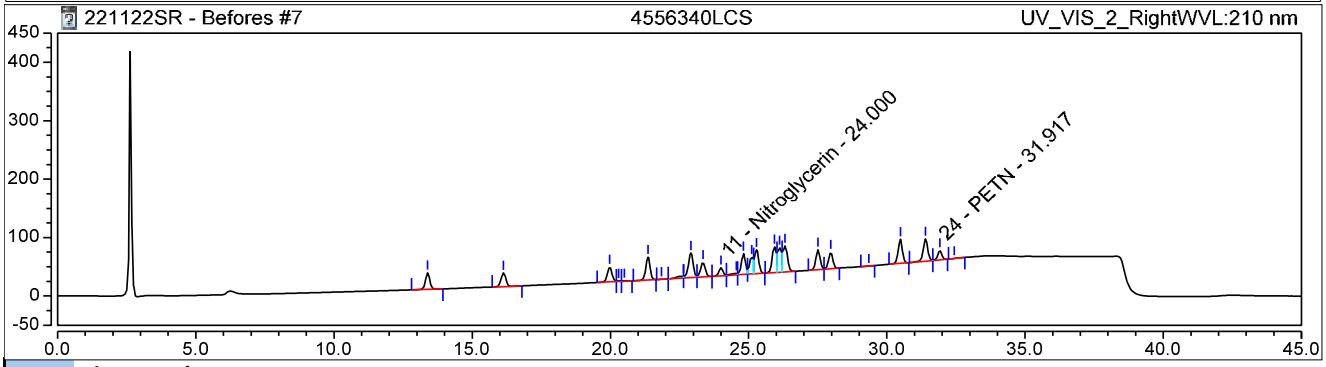
Chromatogram and Results

Injection Details

Injection Name:	**4556340LCS**	*Analyst:*	**EMN**
File:	**S22B007**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**22/Nov/22 19:37**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.390	1.660	9.275	2.36	2.43	1.6591
3	RDX	16.131	2.211	11.017	3.14	2.89	1.7296
4	Nitrobenzene	19.973	5.191	26.501	7.38	6.95	1.9137
5	1,2-DNB(SURR)	21.361	3.632	20.229	5.16	5.31	2.0496
6	3,5-DNA	22.911	6.180	30.856	8.79	8.09	1.8692
7	1,3-DNB	23.348	7.357	36.533	10.46	9.58	1.8936
9	2-NT	24.811	3.426	19.362	4.87	5.08	1.9471
11	4-NT	25.290	3.627	21.046	5.16	5.52	2.3760
n.a.	4-A-2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
12	3-NT	25.931	3.730	22.783	5.30	5.98	1.7748
13	2-A-4,6-DNT	26.115	5.712	31.171	8.12	8.18	2.0479
14	1,3,5-TNB	26.315	4.816	25.871	6.85	6.79	1.7998
15	2,6-DNT	27.511	3.480	19.412	4.95	5.09	1.9119
16	2,4-DNT	27.969	6.964	37.927	9.90	9.95	1.9197
17	Tetryl	30.486	4.056	22.846	5.77	5.99	1.8814
18	2,4,6-TNT	31.398	5.179	27.700	7.36	7.27	1.9496
Total:			**67.219**	**362.531**	**95.58**	**95.11**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
11	Nitroglycerin	24.000	2.452	14.152	2.21	2.35	1.9102
24	PETN	31.917	2.694	16.486	2.43	2.73	1.9390
Total:			**5.146**	**30.638**	**4.65**	**5.08**	

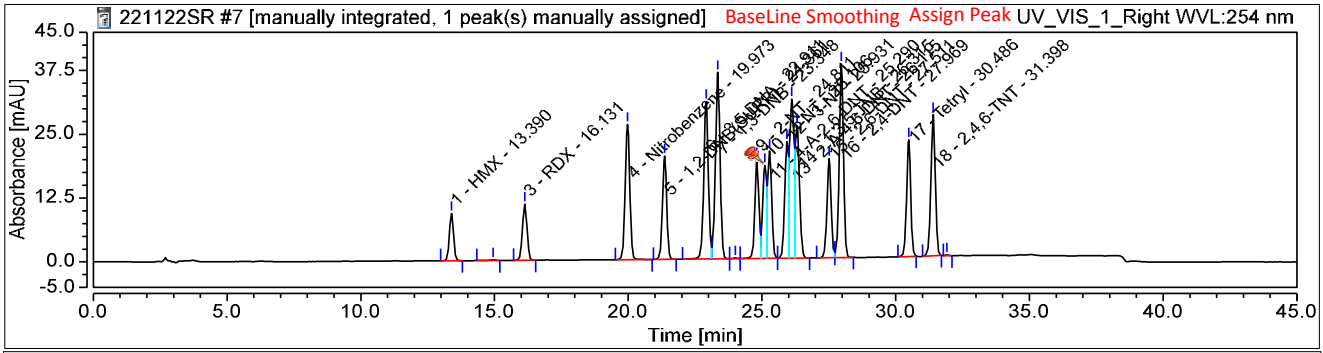
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Chromeleon 7.3.0.60919

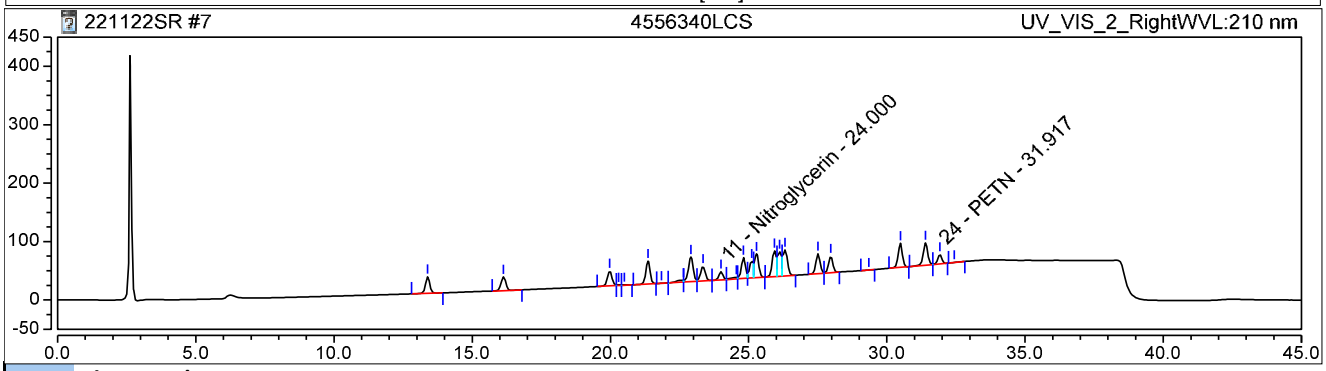
Chromatogram and Results

Injection Details

Injection Name:	**4556340LCS**	*Analyst:*	**EMN**
File:	**S22B007**	*Trace:*	
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	**1694**
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**2.0000**
Injection Date/Time:	**22/Nov/22 19:37**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.390	1.660	9.275	2.36	2.43	1.6591
3	RDX	16.131	2.211	11.017	3.14	2.89	1.7296
4	Nitrobenzene	19.973	5.191	26.501	7.38	6.95	1.9137
5	1,2-DNB(SURR)	21.361	3.632	20.229	5.16	5.31	2.0496
6	3,5-DNA	22.911	6.180	30.856	8.78	8.09	1.8692
7	1,3-DNB	23.348	7.357	36.533	10.46	9.58	1.8936
9	2-NT	24.811	3.426	19.362	4.87	5.08	1.9471
10	4-NT	25.106	3.021	18.228	4.29	4.78	1.9798
11	4-A-2,6-DNT	25.290	3.627	21.046	5.16	5.52	1.8732
12	3-NT	25.931	3.730	22.783	5.30	5.98	1.7748
13	2-A-4,6-DNT	26.115	5.712	31.171	8.12	8.18	2.0479
14	1,3,5-TNB	26.315	4.816	25.871	6.85	6.79	1.7998
15	2,6-DNT	27.511	3.480	19.412	4.95	5.09	1.9119
16	2,4-DNT	27.969	6.964	37.927	9.90	9.95	1.9197
17	Tetryl	30.486	4.056	22.846	5.77	5.99	1.8814
18	2,4,6-TNT	31.398	5.191	27.720	7.38	7.27	1.9541
Total:			**70.252**	**380.778**	**99.87**	**99.89**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
11	Nitroglycerin	24.000	2.452	14.152	2.21	2.35	1.9102
24	PETN	31.917	2.694	16.486	2.43	2.73	1.9390
Total:			**5.146**	**30.638**	**4.65**	**5.08**	

Manual Integrations Reasons in Red

By Shaun West at 5:18 pm, Jan 06, 2023

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Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE GC ORGANICS

METHOD BLANK SUMMARY

FORM 4A

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Sample ID: 4556339
Method Blank ID: MB for HBN 137598 [EXTj/5220]
Method Blank Lab File ID: S22A006|S22B006
Date/Time Analyzed: 11/22/2022 18:37:00
Matrix: WATER
Instrument ID: J11S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

Client ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
LCS for HBN 137598 [EXTj/5220]	4556340	S22A007|S22B007	11/22/2022	19:19:00
A143-RS566-GW-AEB3058-REGMS	4556343	S22A008|S22B008	11/22/2022	20:01:00
A143-RS566-GW-AEB3058-REGMS	4556342	S22A009|S22B009	11/22/2022	20:43:00
A143-RS566-GW-AEB3058-REG	J2215752002	S22A010|S22B010	11/22/2022	21:25:00
A143-RS614-GW-AEB3063-REG	J2215752003	S22A011|S22B011	11/22/2022	22:07:00
A143-RS616-GW-AEB3065-REG	J2215752004	S22A012|S22B012	11/22/2022	22:49:00
A143-RS886-GW-AEB3072-REG	J2215752006	S22A014|S22B014	11/23/2022	00:13:00
A143-RS615-GW-AEB3064-REG	J2215752007	S22A015|S22B015	11/23/2022	00:55:00
A143-RS569-GW-AEB3062-REG	J2215752008	S22A016|S22B016	11/23/2022	01:37:00
143-RS2648-GW-AEB3085-REG	J2215752009	S22A017|S22B017	11/23/2022	02:19:00
A143-RS829-GW-AEB3070-REG	J2215752010	S22A018|S22B018	11/23/2022	03:01:00
A143-RS829-GW-AEB3071-FD	J2215752011	S22A019|S22B019	11/23/2022	03:43:00
A143-RS890-GW-AEB3074-REG	J2215752012	S22A021|S22B021	11/23/2022	05:07:00
143-Site-WA-AEB9001-REG	J2215752014	S22A022|S22B022	11/23/2022	05:49:00
A143-RS888-GW-AEB3073-REG	J2215752005	S28A006|S28B006	11/28/2022	14:31:00

Advanced Environmental Laboratories, Inc.

Initial Calibration Data Summary Report (Column 1)
FORM 6A

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Calibration Start Date/Time: **3/10/2022 16:09:00** **Instrument ID: J11S**

Calibration End Date/Time: **3/10/2022 20:21:00**

CALIBRATION FACTORS

Data Files:	S10A003	S10A004	S10A005	S10A006	S10A007	S10A008	S10A009			
Parameter	**RRF1**	**RRF2**	**RRF3**	**RRF4**	**RRF5**	**RRF6**	**RRF7**	**MEAN**	**% RSD**	**Q**
1,3-Dinitrobenzene	8.4200	8.3000	7.6060	7.2652	7.8488	7.8074	7.8635	7.8730	4.99	
2,4,6-Trinitrotoluene (TNT)	10.140	9.7700	9.3360	8.6908	9.3646	9.3033	9.3602	9.4235	4.75	
2,4-Dinitrotoluene (2,4-DNT)	8.0800	7.7400	7.1880	6.9156	7.4648	7.4208	7.5125	7.4745	4.99	
2,6-Dinitrotoluene (2,6-DNT)	3.9000	3.7200	3.4460	3.3300	3.5884	3.5992	3.6002	3.5977	5.09	
2-Amino-4,6-Dinitrotoluene	6.0600	5.8400	5.6600	5.2580	5.6656	5.6378	5.6851	5.6866	4.25	
2-Nitrotoluene	3.7200	3.6900	3.3380	3.2228	3.4842	3.4780	3.5082	3.4916	5.07	
3-Nitrotoluene	4.0200	3.9000	3.6620	3.5456	3.8324	3.8232	3.8552	3.8055	4.11	
Nitrobenzene	12.840	12.510	11.772	11.147	12.042	11.972	12.079	12.052	4.46	
Nitroglycerin	3.2000	2.7800	2.9120	2.6760	2.8216	2.8188	2.8236	2.8617	5.76	
PETN	2.2000	2.5200	2.8500	2.7524	2.9686	2.9562	2.9904	2.7482	10.64	
RDX	2.8000	2.7400	2.6240	2.4208	2.6032	2.5882	2.6079	2.6263	4.60	
1,2-Dinitrobenzene	3.8000	3.6850	3.5040	3.5530	3.5200	3.3390	3.3634	3.5378	4.65	

*** - % RSD > 20 will have an associated Regression Report**

Advanced Environmental Laboratories, Inc.

Initial Calibration Data Summary Report (Column 2)
FORM 6A

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Calibration Start Date/Time: **3/10/2022 16:09:00** **Instrument ID: J11S**
Calibration End Date/Time: **3/10/2022 20:21:00**

CALIBRATION FACTORS

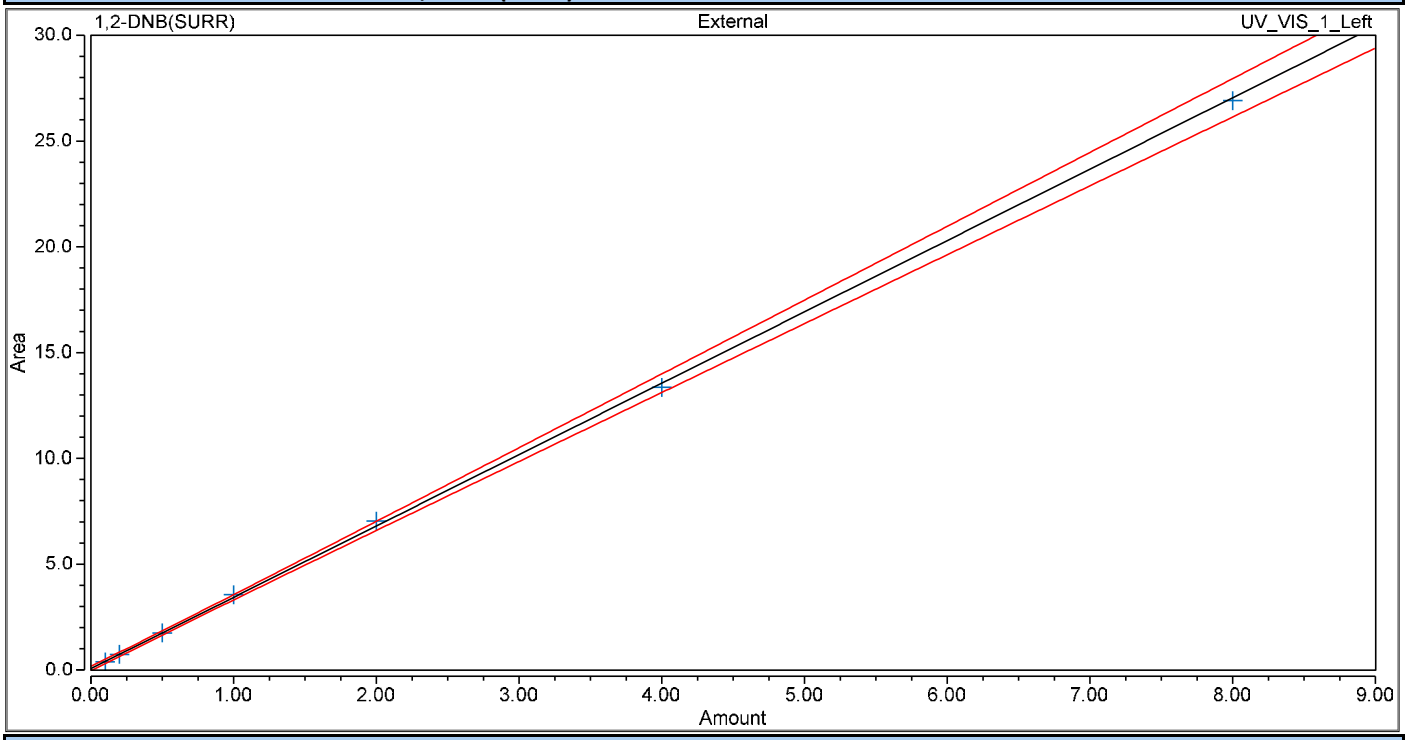
Data Files:	S10B003	S10B004	S10B005	S10B006	S10B007	S10B008	S10B009		
Parameter	**RRF1**	**RRF2**	**RRF3**	**RRF4**	**RRF5**	**RRF6**	**RRF7**	**MEAN**	**% RSD**	**Q**
1,3-Dinitrobenzene	8.3200	8.0900	7.4880	7.2200	7.7866	7.7706	7.8308	7.7866	4.66	
2,4,6-Trinitrotoluene (TNT)	5.7400	5.6500	5.2980	4.9296	5.3540	5.2843	5.3371	5.3704	4.94	
2,4-Dinitrotoluene (2,4-DNT)	7.9800	7.7000	6.9980	6.7284	7.2608	7.2363	7.3059	7.3156	5.70	
2,6-Dinitrotoluene (2,6-DNT)	4.7200	4.2100	3.5740	3.3868	3.6444	3.6365	3.6696	3.8345	12.12	
2-Amino-4,6-Dinitrotoluene	6.1400	5.9800	5.8740	5.3896	5.4150	5.5669	5.5847	5.7072	5.11	
2-Nitrotoluene	3.6000	3.6000	3.3620	3.2528	3.5384	3.5370	3.5555	3.4922	3.80	
3-Nitrotoluene	4.2200	4.2500	3.8200	3.7512	4.4406	4.1900	4.2517	4.1319	6.07	
Nitrobenzene	5.7200	5.6000	5.2000	5.0288	5.4428	5.4265	5.4781	5.4137	4.32	
Nitroglycerin	1.6200	2.0300	2.2000	2.3908	2.6506	2.6272	2.6690	2.3125	16.92	
PETN	2.0400	2.5900	2.6040	2.6292	2.8328	2.8219	2.8383	2.6223	10.69	
RDX	2.8000	2.7100	2.5800	2.3728	2.5560	2.5440	2.5663	2.5899	5.22	
1,2-Dinitrobenzene	3.6700	3.5350	3.3780	3.5680	3.5565	3.5140	3.5649	3.5409	2.46	

*** - % RSD > 20 will have an associated Regression Report**

Calibration

Calibration Details	1,2-DNB(SURR)		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	0.0612
Evaluation Type	Area	*Slope (C1)*	3.3732
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-8330L-220310	*R-Square*	0.9996
Number of disabled Calibration Points	0	*%Avg CF*	4.939

Calibration Plot **1,2-DNB(SURR)**



Calibration Results **1,2-DNB(SURR)**

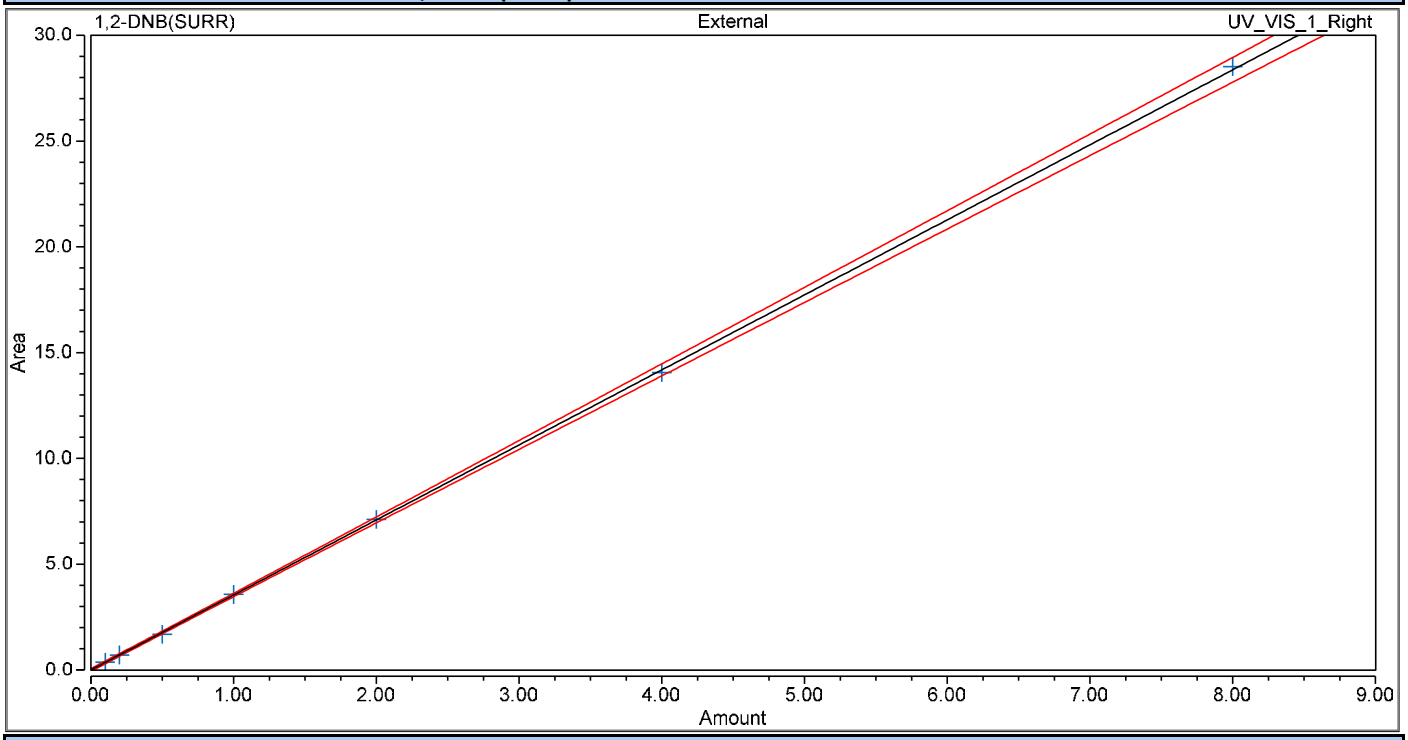
No.	Injection Name	Calibration Level	X Value UV_VIS_1_Left 1,2-DNB(SURR)	Y Value UV_VIS_1_Left 1,2-DNB(SURR)	Y Value UV_VIS_1_Left 1,2-DNB(SURR	Area mAU*min UV_VIS_1_Left 1,2-DNB(SURR)	Height mAU UV_VIS_1_Left 1,2-DNB(SURR)
1	8330 ICAL1	0.05	0.1000	0.3804	0.3804	0.380	3.228
2	8330 ICAL2	0.1	0.2000	0.7368	0.7368	0.737	6.178
3	8330 ICAL3	0.5	0.5000	1.7515	1.7515	1.752	14.882
4	8330 ICAL4	2.5	1.0000	3.5530	3.5530	3.553	32.063
5	8330 ICAL5	5.0	2.0000	7.0400	7.0400	7.040	64.122
6	8330 ICAL6	10	4.0000	13.3559	13.3559	13.356	125.552
7	8330 ICAL7	20	8.0000	26.9069	26.9069	26.907	252.066

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Calibration

Calibration Details	1,2-DNB(SURR)		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	-0.0018
Evaluation Type	Area	*Slope (C1)*	3.5463
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-83301R-220310	*R-Square*	0.9999
Number of disabled Calibration Points	0	*%Avg CF*	3.179

Calibration Plot **1,2-DNB(SURR)**



Calibration Results **1,2-DNB(SURR)**

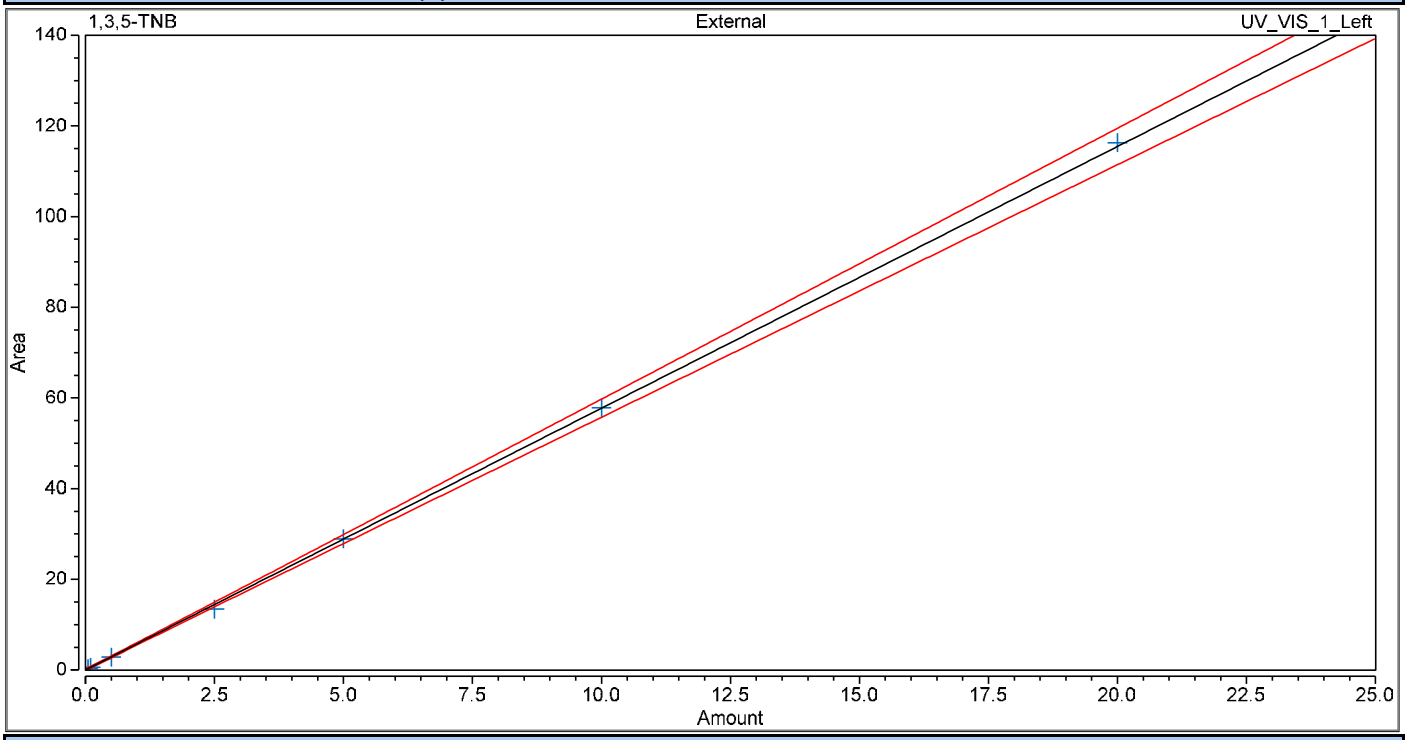
No.	Injection Name	Calibration Level	X Value UV_VIS_1_Right 1,2-DNB(SURR)	Y Value UV_VIS_1_Right 1,2-DNB(SURR)	Y Value UV_VIS_1_Right 1,2-DNB(SURR	Area mAU*min UV_VIS_1_Right 1,2-DNB(SURR)	Height mAU UV_VIS_1_Right 1,2-DNB(SURR)
1	8330 ICAL1	0.05	0.1000	0.3675	0.3675	0.367	1.740
2	8330 ICAL2	0.1	0.2000	0.7067	0.7067	0.707	3.349
3	8330 ICAL3	0.5	0.5000	1.6888	1.6888	1.689	7.966
4	8330 ICAL4	2.5	1.0000	3.5684	3.5684	3.568	16.840
5	8330 ICAL5	5.0	2.0000	7.1134	7.1134	7.113	33.432
6	8330 ICAL6	10	4.0000	14.0556	14.0556	14.056	65.415
7	8330 ICAL7	20	8.0000	28.5190	28.5190	28.519	130.241

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Calibration

Calibration Details	1,3,5-TNB		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	-0.0068
Evaluation Type	Area	*Slope (C1)*	5.7739
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-8330L-220310	*R-Square*	0.9996
Number of disabled Calibration Points	0	*%Avg CF*	11.477

Calibration Plot **1,3,5-TNB**



Calibration Results **1,3,5-TNB**

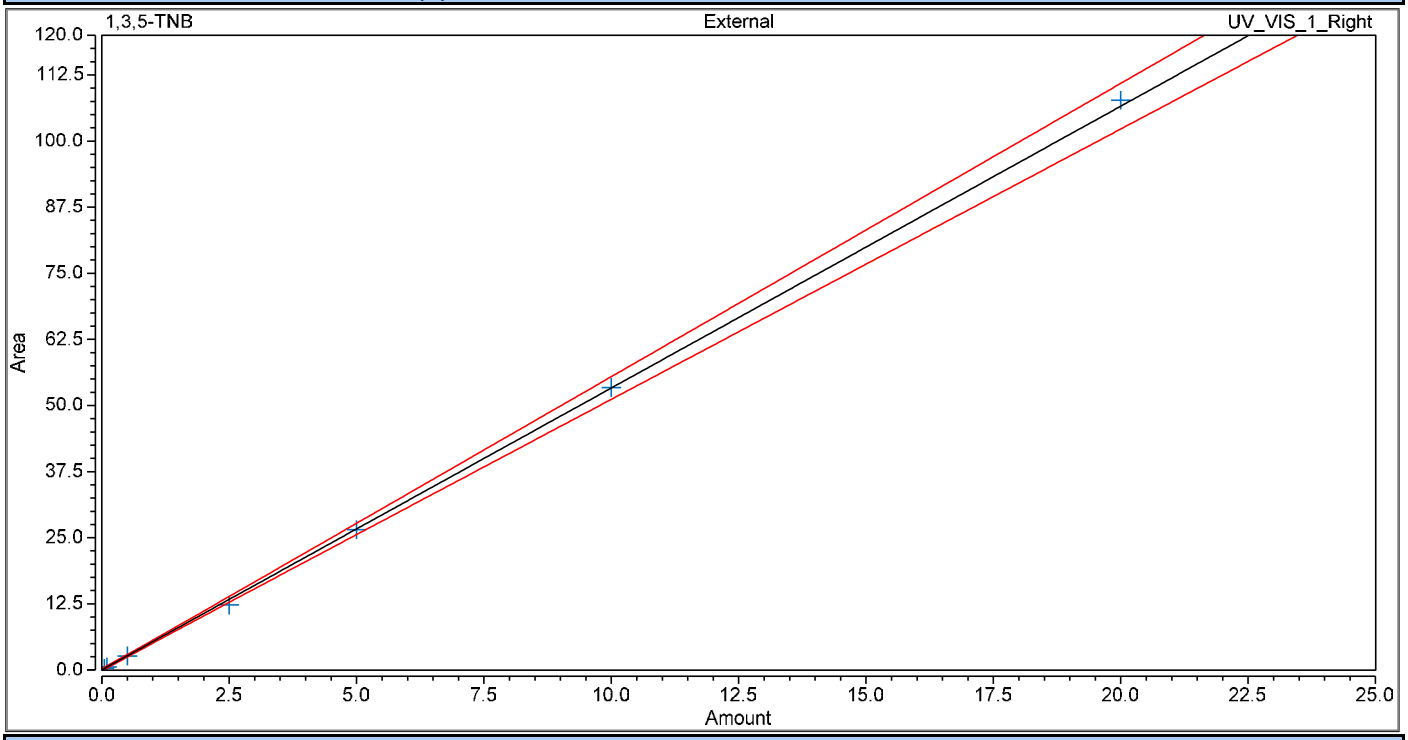
No.	Injection Name	Calibration Level	X Value UV_VIS_1_Left 1,3,5-TNB	Y Value UV_VIS_1_Left 1,3,5-TNB	Y Value UV_VIS_1_Left 1,3,5-TNB	Area mAU*min UV_VIS_1_Left 1,3,5-TNB	Height mAU UV_VIS_1_Left 1,3,5-TNB
1	8330 ICAL1	0.05	0.0500	0.2997	0.2997	0.300	2.407
2	8330 ICAL2	0.1	0.1000	0.5800	0.5800	0.580	4.669
3	8330 ICAL3	0.5	0.5000	2.8247	2.8247	2.825	22.054
4	8330 ICAL4	2.5	2.5000	13.4124	13.4124	13.412	102.299
5	8330 ICAL5	5.0	5.0000	28.9244	28.9244	28.924	220.363
6	8330 ICAL6	10	10.0000	57.8702	57.8702	57.870	434.396
7	8330 ICAL7	20	20.0000	116.3144	116.3144	116.314	864.262

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Calibration

Calibration Details	1,3,5-TNB		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	0.0205
Evaluation Type	Area	*Slope (C1)*	5.3286
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-83301R-220310	*R-Square*	0.9995
Number of disabled Calibration Points	0	*%Avg CF*	13.039

Calibration Plot **1,3,5-TNB**



Calibration Results **1,3,5-TNB**

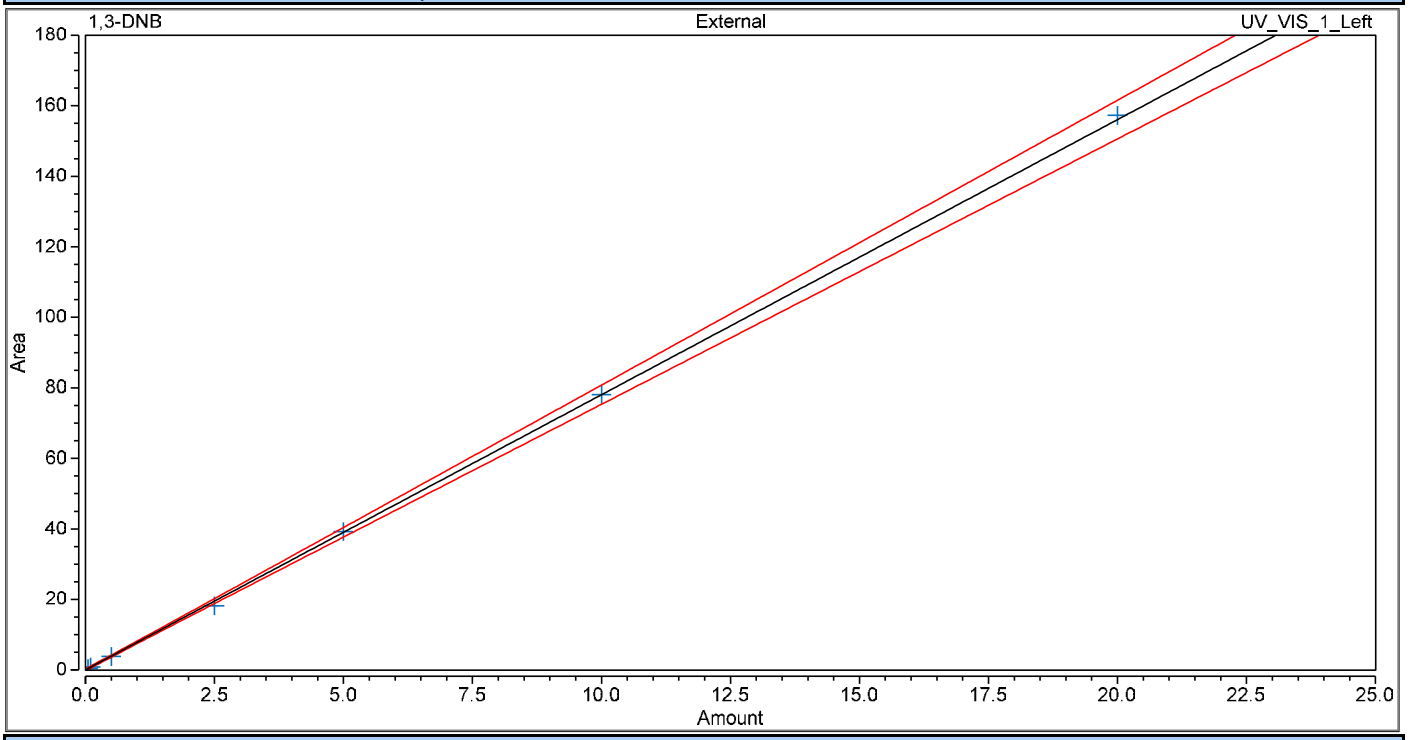
No.	Injection Name	Calibration Level	X Value UV_VIS_1_Right 1,3,5-TNB	Y Value UV_VIS_1_Right 1,3,5-TNB	Y Value JV_VIS_1_Right 1,3,5-TNB	Area mAU*min UV_VIS_1_Right 1,3,5-TNB	Height mAU UV_VIS_1_Right 1,3,5-TNB
1	8330 ICAL1	0.05	0.0500	0.3038	0.3038	0.304	1.436
2	8330 ICAL2	0.1	0.1000	0.5667	0.5667	0.567	2.756
3	8330 ICAL3	0.5	0.5000	2.6449	2.6449	2.645	13.015
4	8330 ICAL4	2.5	2.5000	12.2771	12.2771	12.277	60.408
5	8330 ICAL5	5.0	5.0000	26.5029	26.5029	26.503	129.654
6	8330 ICAL6	10	10.0000	53.4100	53.4100	53.410	256.179
7	8330 ICAL7	20	20.0000	107.7251	107.7251	107.725	510.503

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Chromeleon 7.3.0.60919

Calibration

Calibration Details	1,3-DNB		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	0.0150
Evaluation Type	Area	*Slope (C1)*	7.8034
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-8330L-220310	*R-Square*	0.9996
Number of disabled Calibration Points	0	*%Avg CF*	11.408

Calibration Plot **1,3-DNB**



Calibration Results **1,3-DNB**

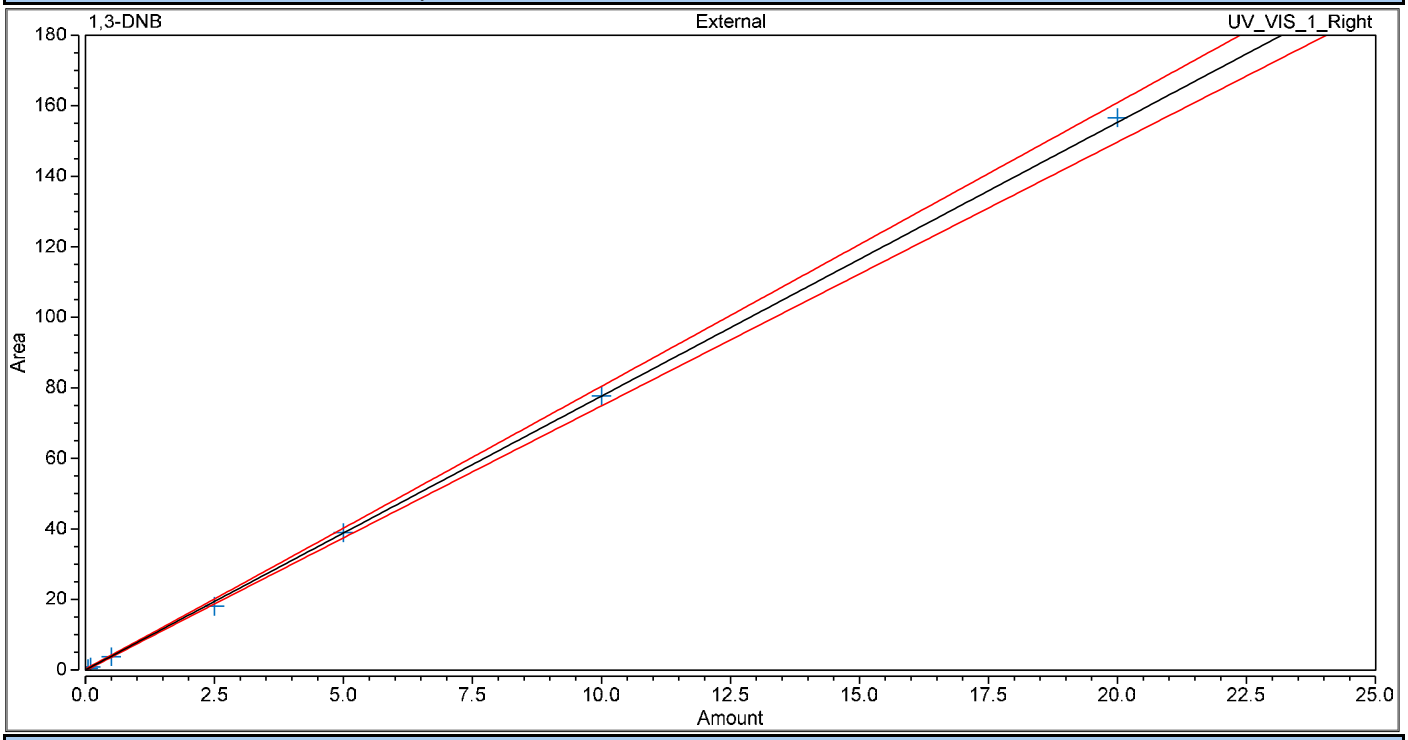
No.	Injection Name	Calibration Level	X Value UV_VIS_1_Left 1,3-DNB	Y Value UV_VIS_1_Left 1,3-DNB	Y Value UV_VIS_1_Left 1,3-DNB	Area mAU*min UV_VIS_1_Left 1,3-DNB	Height mAU UV_VIS_1_Left 1,3-DNB
1	8330 ICAL1	0.05	0.0500	0.4214	0.4214	0.421	3.255
2	8330 ICAL2	0.1	0.1000	0.8296	0.8296	0.830	6.333
3	8330 ICAL3	0.5	0.5000	3.8029	3.8029	3.803	28.896
4	8330 ICAL4	2.5	2.5000	18.1635	18.1635	18.163	139.510
5	8330 ICAL5	5.0	5.0000	39.2443	39.2443	39.244	300.529
6	8330 ICAL6	10	10.0000	78.0740	78.0740	78.074	595.181
7	8330 ICAL7	20	20.0000	157.2699	157.2699	157.270	1191.221

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Calibration

Calibration Details	1,3-DNB		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	0.0043
Evaluation Type	Area	*Slope (C1)*	7.7652
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-83301R-220310	*R-Square*	0.9996
Number of disabled Calibration Points	0	*%Avg CF*	11.754

Calibration Plot **1,3-DNB**



Calibration Results **1,3-DNB**

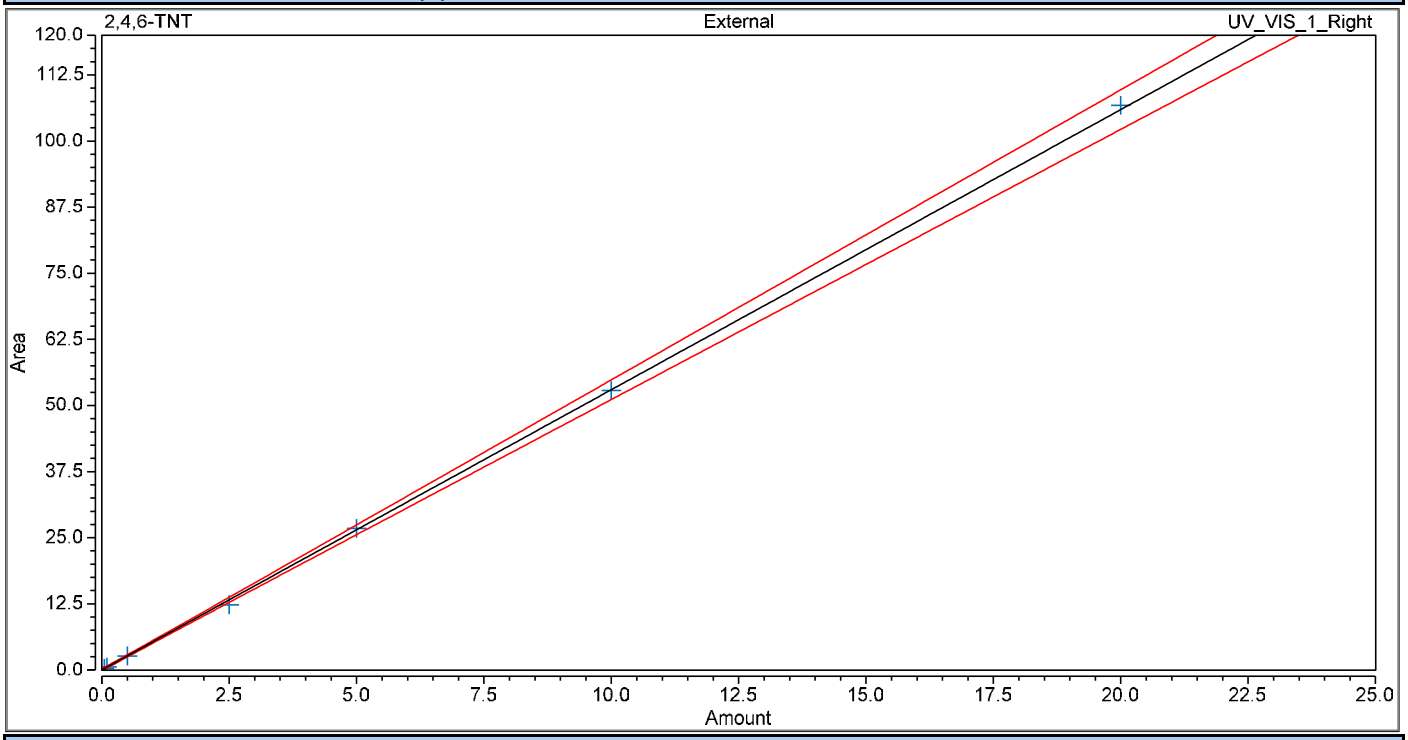
No.	Injection Name	Calibration Level	X Value UV_VIS_1_Right 1,3-DNB	Y Value UV_VIS_1_Right 1,3-DNB	Y Value JV_VIS_1_Righ 1,3-DNB	Area mAU*min UV_VIS_1_Right 1,3-DNB	Height mAU UV_VIS_1_Right 1,3-DNB
1	8330 ICAL1	0.05	0.0500	0.4158	0.4158	0.416	1.817
2	8330 ICAL2	0.1	0.1000	0.8086	0.8086	0.809	3.529
3	8330 ICAL3	0.5	0.5000	3.7442	3.7442	3.744	16.251
4	8330 ICAL4	2.5	2.5000	18.0499	18.0499	18.050	78.297
5	8330 ICAL5	5.0	5.0000	38.9325	38.9325	38.933	168.671
6	8330 ICAL6	10	10.0000	77.7056	77.7056	77.706	332.662
7	8330 ICAL7	20	20.0000	156.6153	156.6153	156.615	661.751

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Calibration

Calibration Details	2,4,6-TNT		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	0.0157
Evaluation Type	Area	*Slope (C1)*	5.2967
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-83301R-220310	*R-Square*	0.9996
Number of disabled Calibration Points	0	*%Avg CF*	11.416

Calibration Plot **2,4,6-TNT**



Calibration Results **2,4,6-TNT**

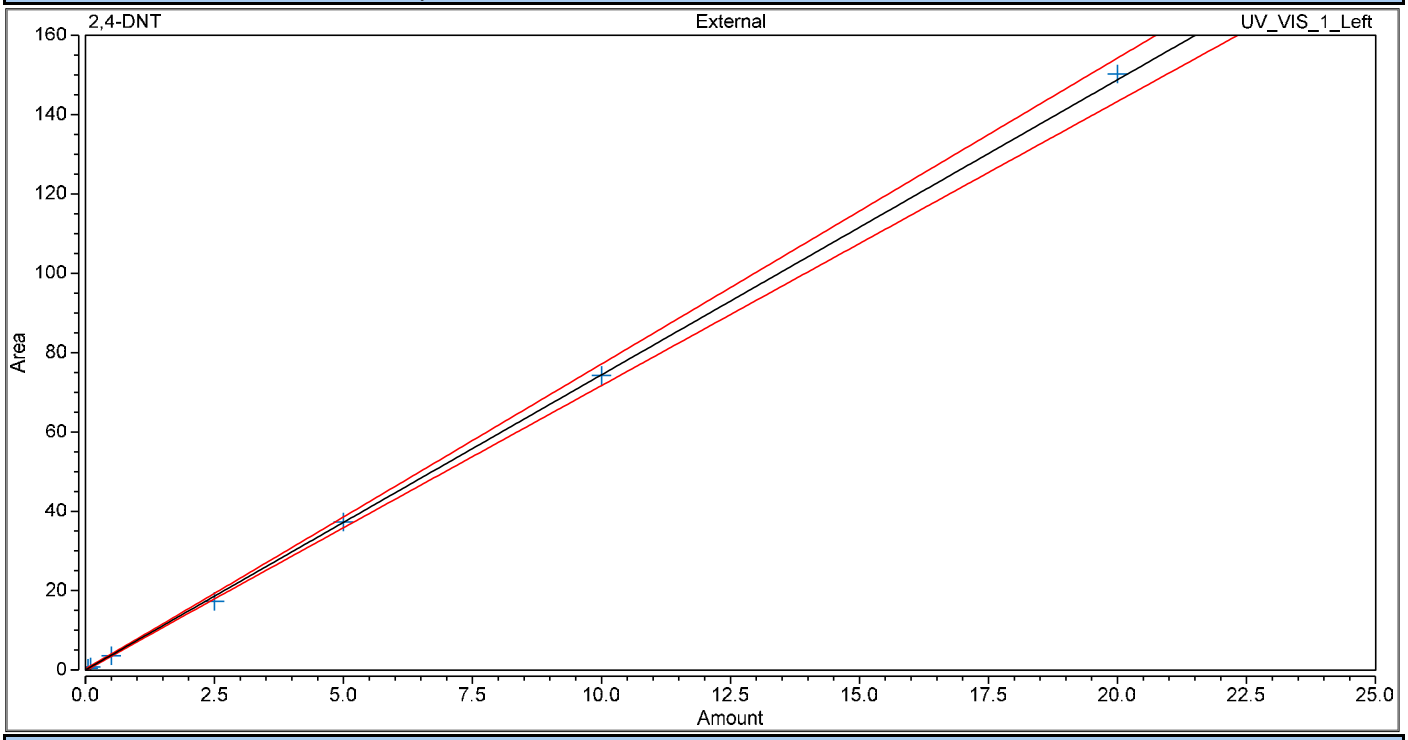
No.	Injection Name	Calibration Level	X Value UV_VIS_1_Right 2,4,6-TNT	Y Value UV_VIS_1_Right 2,4,6-TNT	Y Value JV_VIS_1_Right 2,4,6-TNT	Area mAU*min UV_VIS_1_Right 2,4,6-TNT	Height mAU UV_VIS_1_Right 2,4,6-TNT
1	8330 ICAL1	0.05	0.0500	0.2868	0.2868	0.287	1.520
2	8330 ICAL2	0.1	0.1000	0.5652	0.5652	0.565	2.957
3	8330 ICAL3	0.5	0.5000	2.6492	2.6492	2.649	13.929
4	8330 ICAL4	2.5	2.5000	12.3240	12.3240	12.324	64.693
5	8330 ICAL5	5.0	5.0000	26.7702	26.7702	26.770	139.794
6	8330 ICAL6	10	10.0000	52.8435	52.8435	52.843	276.639
7	8330 ICAL7	20	20.0000	106.7413	106.7413	106.741	556.803

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Calibration

Calibration Details	2,4-DNT		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	0.0077
Evaluation Type	Area	*Slope (C1)*	7.4388
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-8330L-220310	*R-Square*	0.9996
Number of disabled Calibration Points	0	*%Avg CF*	11.993

Calibration Plot **2,4-DNT**



Calibration Results **2,4-DNT**

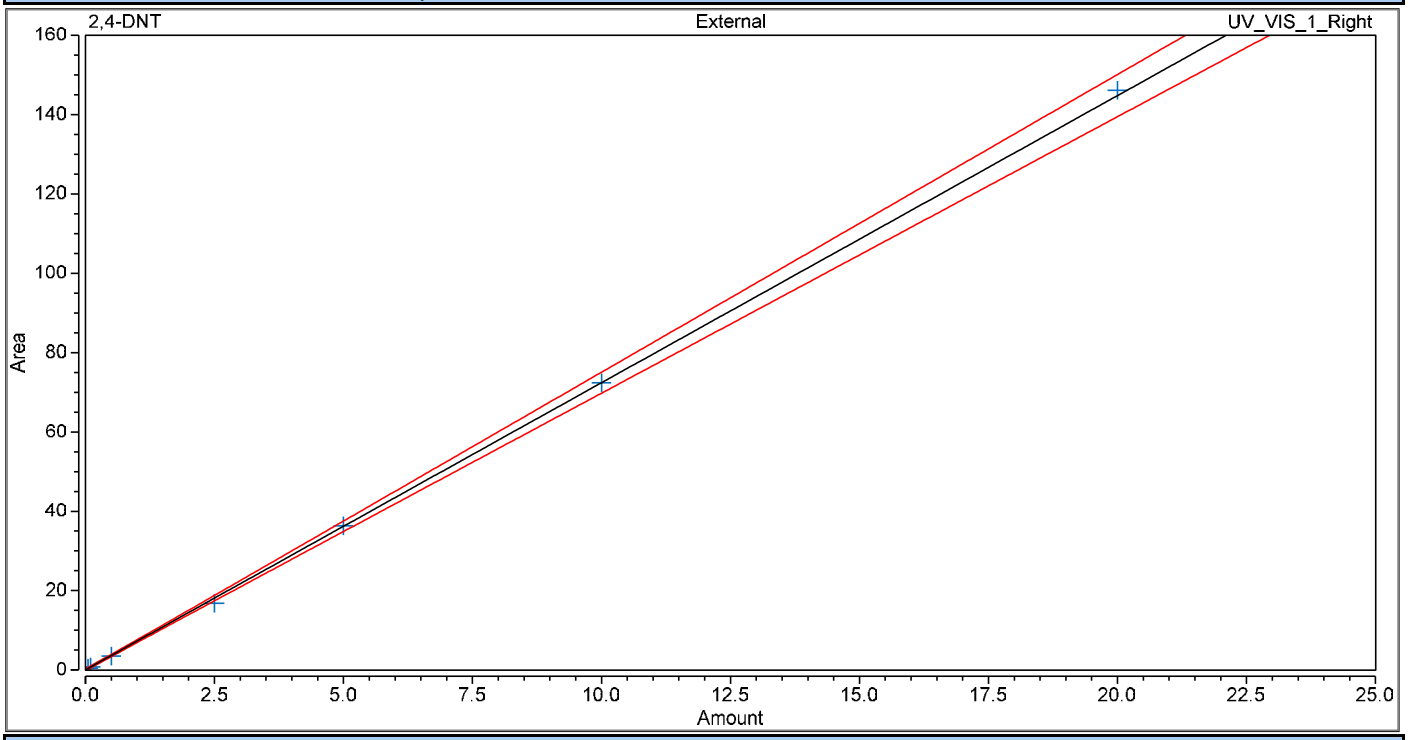
No.	Injection Name	Calibration Level	X Value UV_VIS_1_Left 2,4-DNT	Y Value UV_VIS_1_Left 2,4-DNT	Y Value UV_VIS_1_Left 2,4-DNT	Area mAU*min UV_VIS_1_Left 2,4-DNT	Height mAU UV_VIS_1_Left 2,4-DNT
1	8330 ICAL1	0.05	0.0500	0.4042	0.4042	0.404	2.138
2	8330 ICAL2	0.1	0.1000	0.7738	0.7738	0.774	4.118
3	8330 ICAL3	0.5	0.5000	3.5940	3.5940	3.594	18.907
4	8330 ICAL4	2.5	2.5000	17.2890	17.2890	17.289	91.428
5	8330 ICAL5	5.0	5.0000	37.3244	37.3244	37.324	196.098
6	8330 ICAL6	10	10.0000	74.2083	74.2083	74.208	389.927
7	8330 ICAL7	20	20.0000	150.2490	150.2490	150.249	785.616

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Calibration

Calibration Details	2,4-DNT		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	0.0163
Evaluation Type	Area	*Slope (C1)*	7.2388
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-83301R-220310	*R-Square*	0.9996
Number of disabled Calibration Points	0	*%Avg CF*	11.919

Calibration Plot **2,4-DNT**



Calibration Results **2,4-DNT**

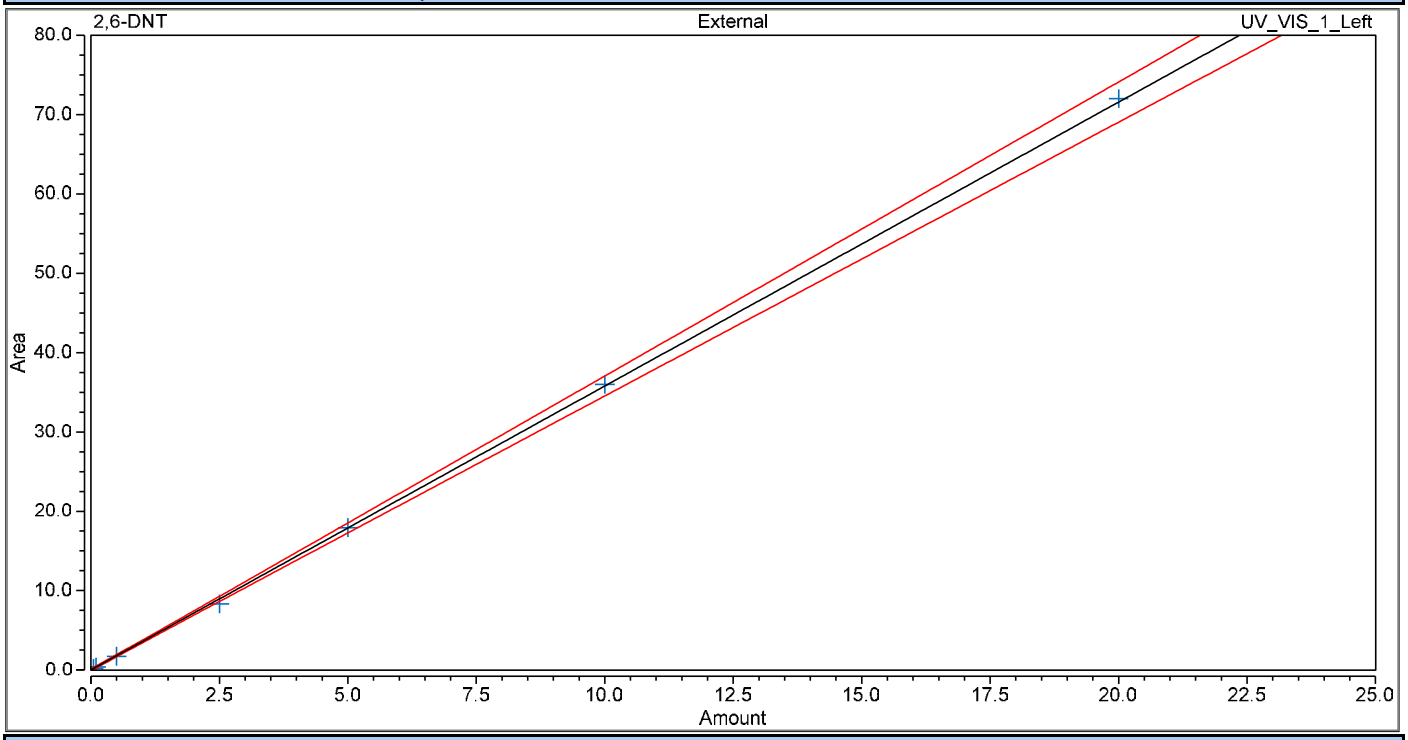
No.	Injection Name	Calibration Level	X Value UV_VIS_1_Right 2,4-DNT	Y Value UV_VIS_1_Right 2,4-DNT	Y Value JV_VIS_1_Right 2,4-DNT	Area mAU*min UV_VIS_1_Right 2,4-DNT	Height mAU UV_VIS_1_Right 2,4-DNT
1	8330 ICAL1	0.05	0.0500	0.3987	0.3987	0.399	2.007
2	8330 ICAL2	0.1	0.1000	0.7704	0.7704	0.770	3.896
3	8330 ICAL3	0.5	0.5000	3.4992	3.4992	3.499	17.802
4	8330 ICAL4	2.5	2.5000	16.8210	16.8210	16.821	85.647
5	8330 ICAL5	5.0	5.0000	36.3043	36.3043	36.304	184.449
6	8330 ICAL6	10	10.0000	72.3629	72.3629	72.363	365.345
7	8330 ICAL7	20	20.0000	146.1169	146.1169	146.117	733.541

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Calibration

Calibration Details	2,6-DNT		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	0.0039
Evaluation Type	Area	*Slope (C1)*	3.5787
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-8330L-220310	*R-Square*	0.9996
Number of disabled Calibration Points	0	*%Avg CF*	11.528

Calibration Plot **2,6-DNT**



Calibration Results **2,6-DNT**

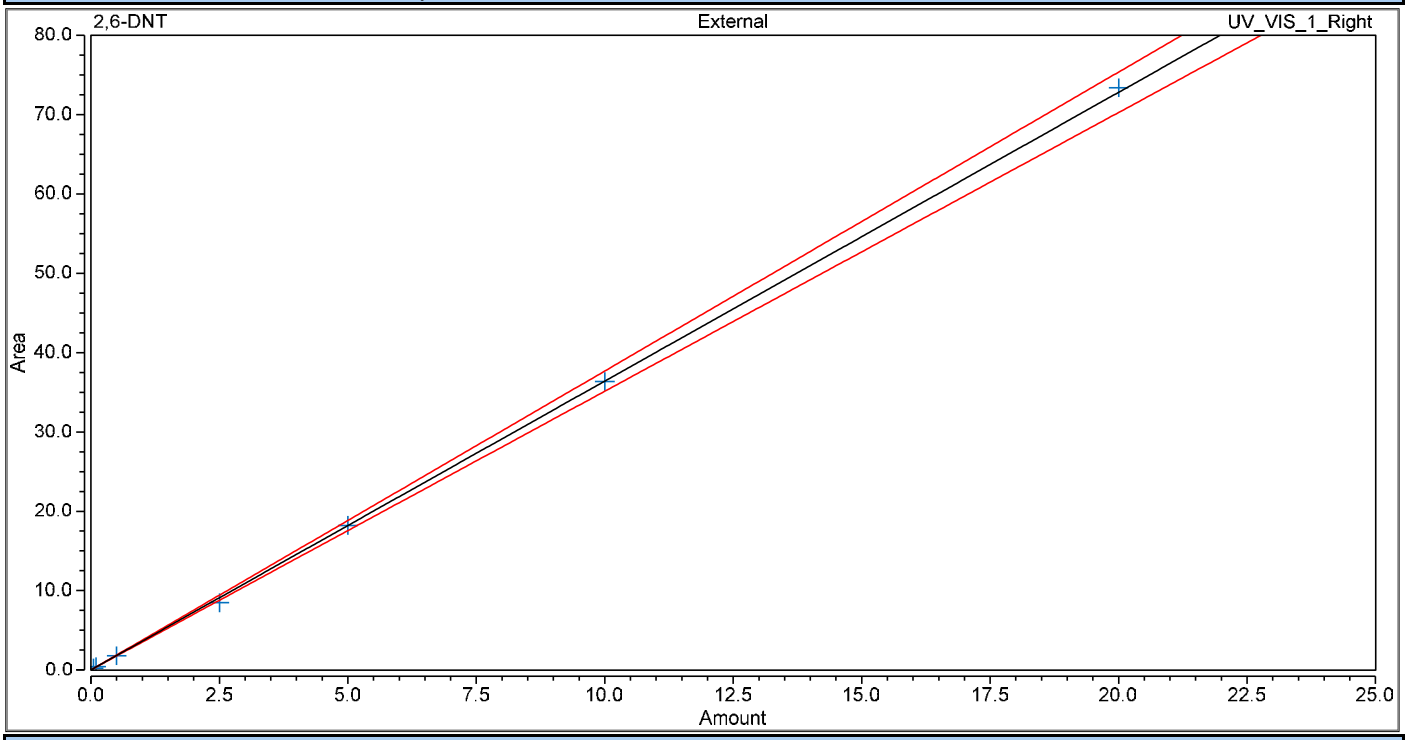
No.	Injection Name	Calibration Level	X Value UV_VIS_1_Left 2,6-DNT	Y Value UV_VIS_1_Left 2,6-DNT	Y Value UV_VIS_1_Left 2,6-DNT	Area mAU*min UV_VIS_1_Left 2,6-DNT	Height mAU UV_VIS_1_Left 2,6-DNT
1	8330 ICAL1	0.05	0.0500	0.1949	0.1949	0.195	1.132
2	8330 ICAL2	0.1	0.1000	0.3716	0.3716	0.372	2.172
3	8330 ICAL3	0.5	0.5000	1.7234	1.7234	1.723	10.038
4	8330 ICAL4	2.5	2.5000	8.3250	8.3250	8.325	48.314
5	8330 ICAL5	5.0	5.0000	17.9423	17.9423	17.942	104.126
6	8330 ICAL6	10	10.0000	35.9918	35.9918	35.992	206.558
7	8330 ICAL7	20	20.0000	72.0044	72.0044	72.004	413.763

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Calibration

Calibration Details	2,6-DNT		
Calibration Type	Lin, 1/A	*Offset (C0)*	0.0000
Evaluation Type	Area	*Slope (C1)*	3.6406
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-83301R-220310	*R-Square*	0.9994
Number of disabled Calibration Points	0	*%Avg CF*	11.980

Calibration Plot **2,6-DNT**



Calibration Results **2,6-DNT**

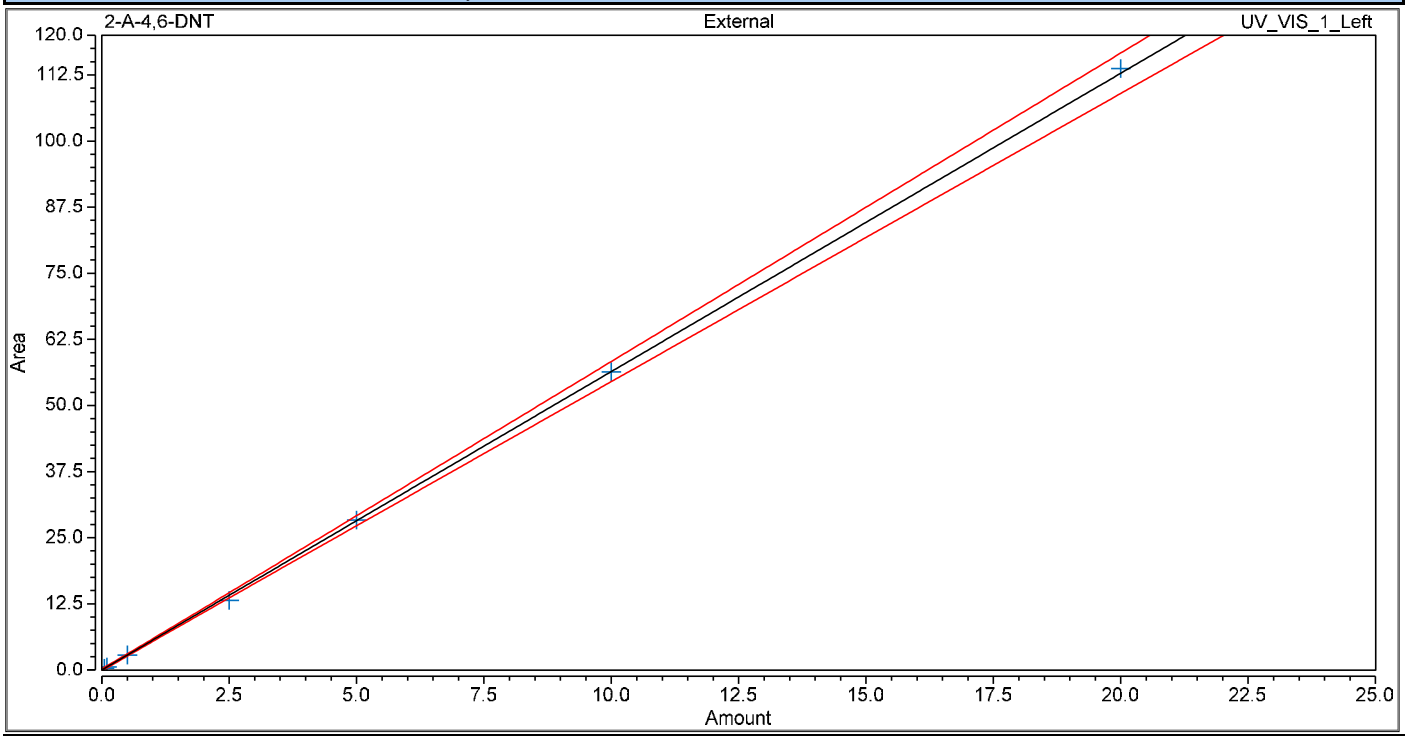
No.	Injection Name	Calibration Level	X Value UV_VIS_1_Right 2,6-DNT	Y Value UV_VIS_1_Right 2,6-DNT	Y Value JV_VIS_1_Right 2,6-DNT	Area mAU*min UV_VIS_1_Right 2,6-DNT	Height mAU UV_VIS_1_Right 2,6-DNT
1	8330 ICAL1	0.05	0.0500	0.2359	0.2359	0.236	1.251
2	8330 ICAL2	0.1	0.1000	0.4209	0.4209	0.421	2.213
3	8330 ICAL3	0.5	0.5000	1.7865	1.7865	1.787	9.266
4	8330 ICAL4	2.5	2.5000	8.4674	8.4674	8.467	43.625
5	8330 ICAL5	5.0	5.0000	18.2222	18.2222	18.222	93.655
6	8330 ICAL6	10	10.0000	36.3646	36.3646	36.365	186.041
7	8330 ICAL7	20	20.0000	73.3910	73.3910	73.391	370.177

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Calibration

Calibration Details	2-A-4,6-DNT		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	0.0101
Evaluation Type	Area	*Slope (C1)*	5.6408
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-8330L-220310	*R-Square*	0.9996
Number of disabled Calibration Points	0	*%Avg CF*	11.002

Calibration Plot **2-A-4,6-DNT**



Calibration Results **2-A-4,6-DNT**

No.	Injection Name	Calibration Level	X Value UV_VIS_1_Left 2-A-4,6-DNT	Y Value UV_VIS_1_Left 2-A-4,6-DNT	Y Value UV_VIS_1_Left 2-A-4,6-DNT	Area mAU*min UV_VIS_1_Left 2-A-4,6-DNT	Height mAU UV_VIS_1_Left 2-A-4,6-DNT
1	8330 ICAL1	0.05	0.0500	0.3035	0.3035	0.303	1.703
2	8330 ICAL2	0.1	0.1000	0.5843	0.5843	0.584	3.285
3	8330 ICAL3	0.5	0.5000	2.8296	2.8296	2.830	15.744
4	8330 ICAL4	2.5	2.5000	13.1452	13.1452	13.145	73.202
5	8330 ICAL5	5.0	5.0000	28.3278	28.3278	28.328	156.273
6	8330 ICAL6	10	10.0000	56.3778	56.3778	56.378	310.213
7	8330 ICAL7	20	20.0000	113.7006	113.7006	113.701	618.558

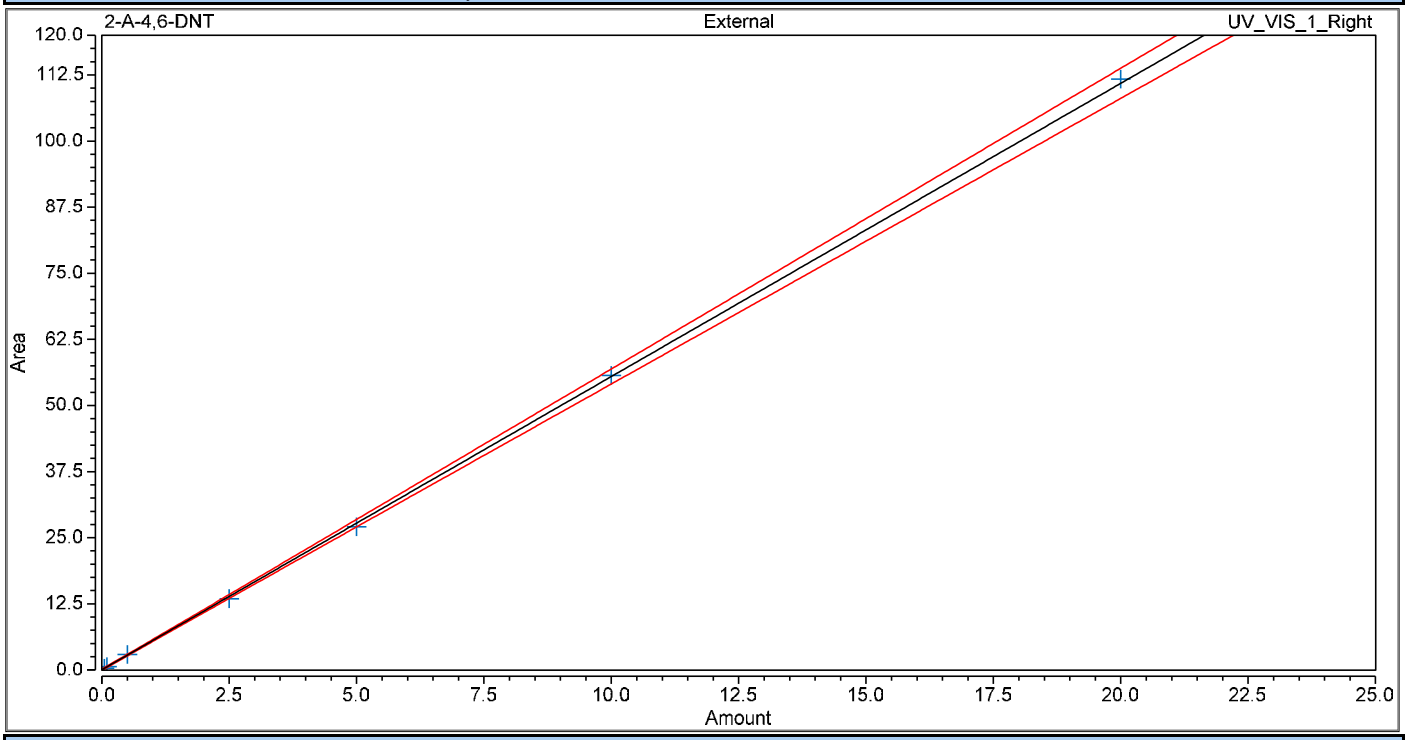
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Calibration

Calibration Details	2-A-4,6-DNT		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	0.0347
Evaluation Type	Area	*Slope (C1)*	5.5442
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-83301R-220310	*R-Square*	0.9998
Number of disabled Calibration Points	0	*%Avg CF*	8.177

Calibration Plot **2-A-4,6-DNT**



Calibration Results **2-A-4,6-DNT**

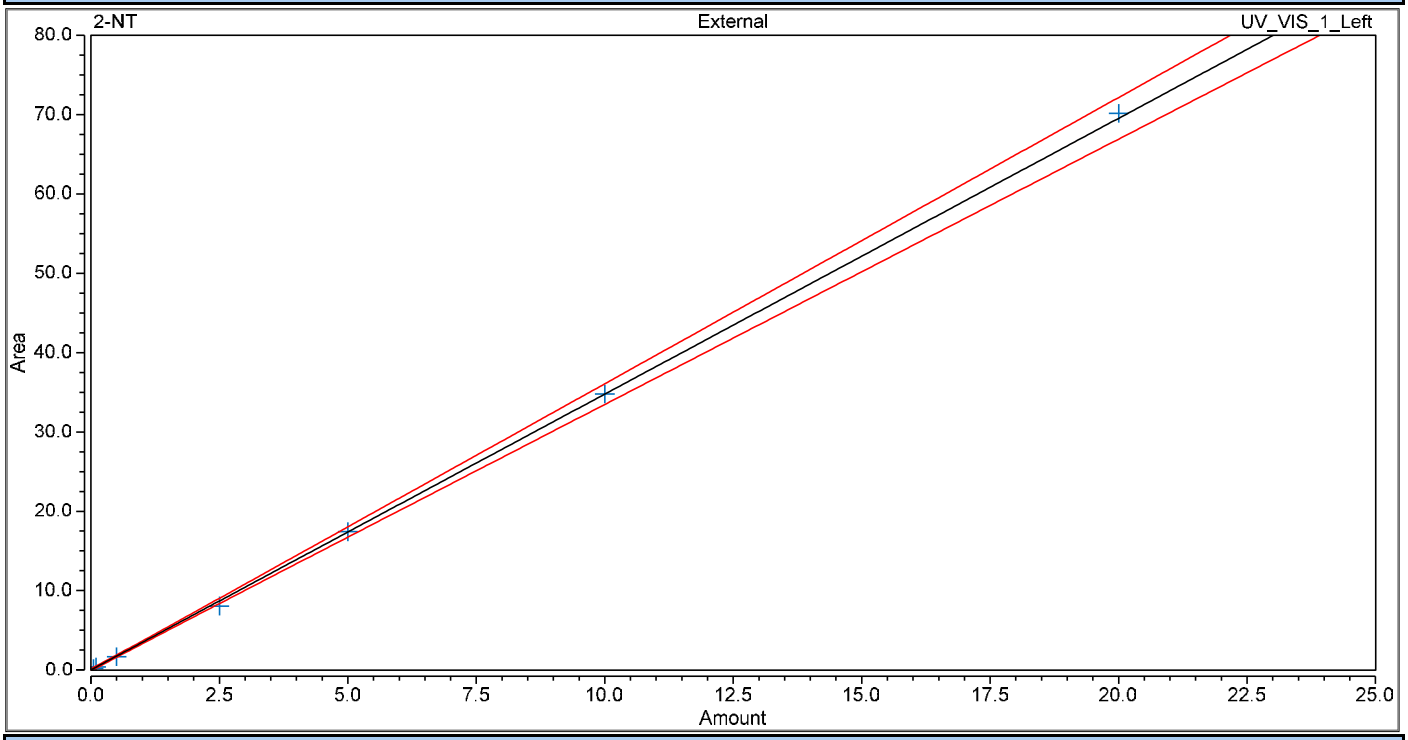
No.	Injection Name	Calibration Level	X Value UV_VIS_1_Right 2-A-4,6-DNT	Y Value UV_VIS_1_Right 2-A-4,6-DNT	Y Value JV_VIS_1_Right 2-A-4,6-DNT	Area mAU*min UV_VIS_1_Right 2-A-4,6-DNT	Height mAU UV_VIS_1_Right 2-A-4,6-DNT
1	8330 ICAL1	0.05	0.0500	0.3065	0.3065	0.307	1.542
2	8330 ICAL2	0.1	0.1000	0.5985	0.5985	0.598	3.017
3	8330 ICAL3	0.5	0.5000	2.9370	2.9370	2.937	14.300
4	8330 ICAL4	2.5	2.5000	13.4742	13.4742	13.474	66.409
5	8330 ICAL5	5.0	5.0000	27.0747	27.0747	27.075	142.806
6	8330 ICAL6	10	10.0000	55.6689	55.6689	55.669	281.978
7	8330 ICAL7	20	20.0000	111.6932	111.6932	111.693	563.998

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Calibration

Calibration Details	2-NT		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	0.0032
Evaluation Type	Area	*Slope (C1)*	3.4764
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-8330L-220310	*R-Square*	0.9996
Number of disabled Calibration Points	0	*%Avg CF*	12.315

Calibration Plot **2-NT**



Calibration Results **2-NT**

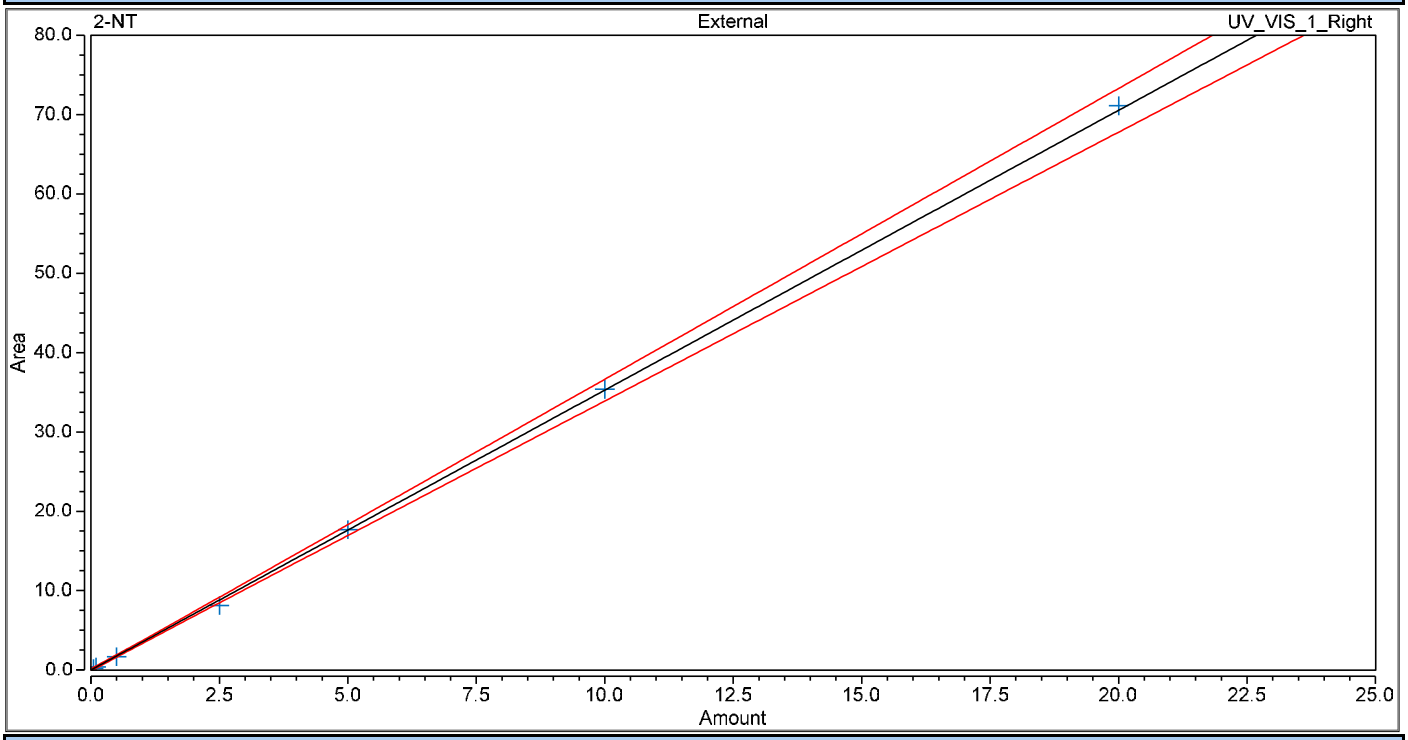
No.	Injection Name	Calibration Level	X Value UV_VIS_1_Left 2-NT	Y Value UV_VIS_1_Left 2-NT	Y Value UV_VIS_1_Left 2-NT	Area mAU*min UV_VIS_1_Left 2-NT	Height mAU UV_VIS_1_Left 2-NT
1	8330 ICAL1	0.05	0.0500	0.1859	0.1859	0.186	0.893
2	8330 ICAL2	0.1	0.1000	0.3689	0.3689	0.369	1.762
3	8330 ICAL3	0.5	0.5000	1.6695	1.6695	1.669	8.053
4	8330 ICAL4	2.5	2.5000	8.0575	8.0575	8.057	38.918
5	8330 ICAL5	5.0	5.0000	17.4207	17.4207	17.421	83.961
6	8330 ICAL6	10	10.0000	34.7804	34.7804	34.780	166.793
7	8330 ICAL7	20	20.0000	70.1626	70.1626	70.163	336.357

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Calibration

Calibration Details	2-NT		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	-0.0078
Evaluation Type	Area	*Slope (C1)*	3.5276
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-83301R-220310	*R-Square*	0.9995
Number of disabled Calibration Points	0	*%Avg CF*	12.943

Calibration Plot **2-NT**



Calibration Results **2-NT**

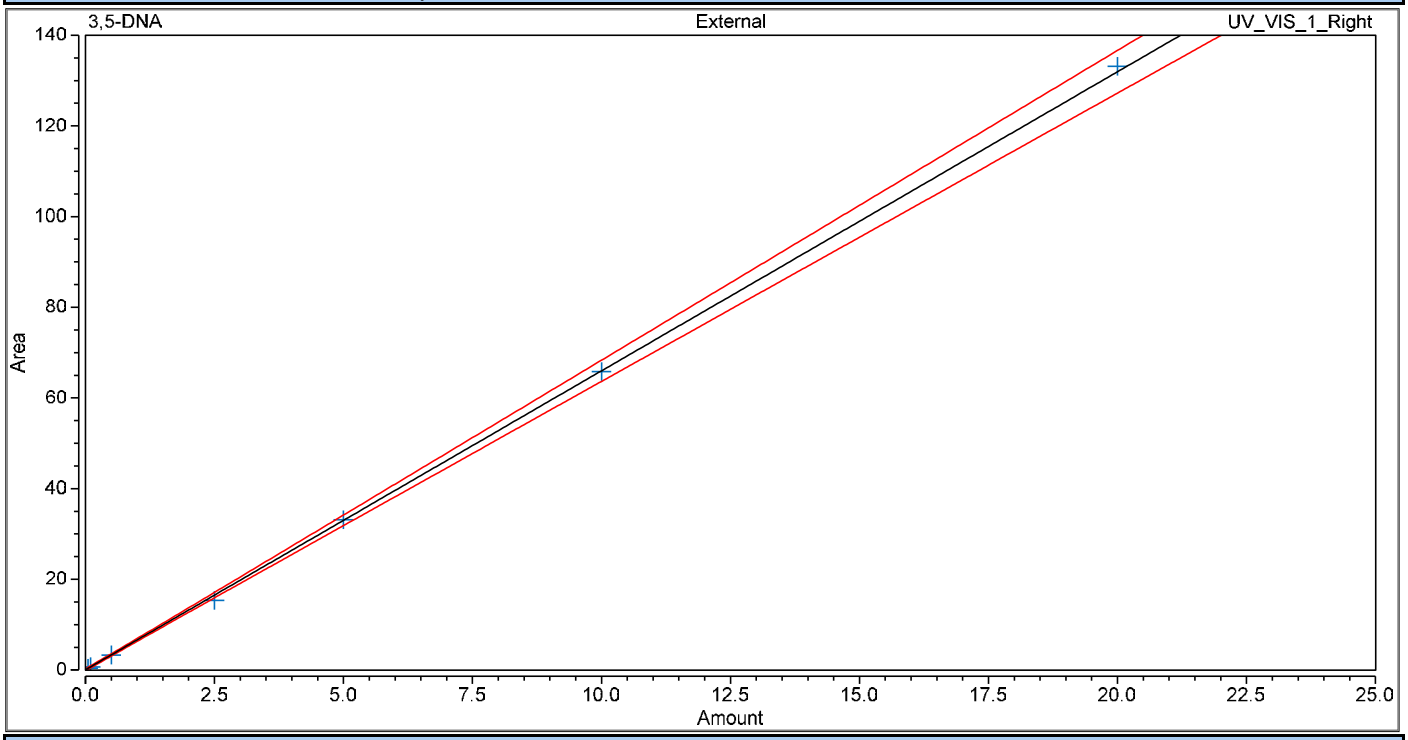
No.	Injection Name	Calibration Level	X Value UV_VIS_1_Right 2-NT	Y Value UV_VIS_1_Right 2-NT	Y Value JV_VIS_1_Right 2-NT	Area mAU*min UV_VIS_1_Right 2-NT	Height mAU UV_VIS_1_Right 2-NT
1	8330 ICAL1	0.05	0.0500	0.1797	0.1797	0.180	0.957
2	8330 ICAL2	0.1	0.1000	0.3597	0.3597	0.360	1.886
3	8330 ICAL3	0.5	0.5000	1.6809	1.6809	1.681	8.741
4	8330 ICAL4	2.5	2.5000	8.1320	8.1320	8.132	42.177
5	8330 ICAL5	5.0	5.0000	17.6925	17.6925	17.692	91.031
6	8330 ICAL6	10	10.0000	35.3699	35.3699	35.370	180.040
7	8330 ICAL7	20	20.0000	71.1087	71.1087	71.109	359.897

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Calibration

Calibration Details	3,5-DNA		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	0.0145
Evaluation Type	Area	*Slope (C1)*	6.5966
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-83301R-220310	*R-Square*	0.9996
Number of disabled Calibration Points	0	*%Avg CF*	11.579

Calibration Plot **3,5-DNA**



Calibration Results **3,5-DNA**

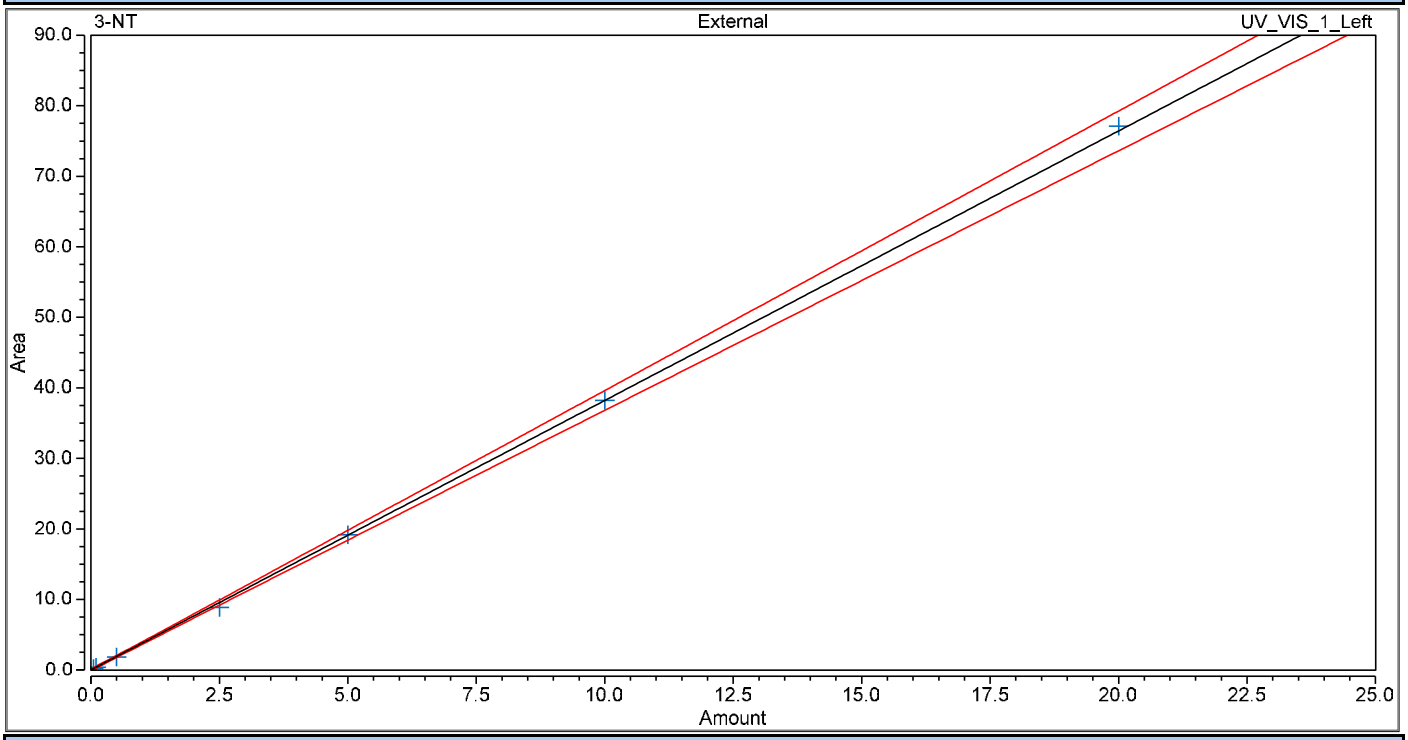
No.	Injection Name	Calibration Level	X Value UV_VIS_1_Right 3,5-DNA	Y Value UV_VIS_1_Right 3,5-DNA	Y Value JV_VIS_1_Righ 3,5-DNA	Area mAU*min UV_VIS_1_Right 3,5-DNA	Height mAU UV_VIS_1_Right 3,5-DNA
1	8330 ICAL1	0.05	0.0500	0.3561	0.3561	0.356	1.466
2	8330 ICAL2	0.1	0.1000	0.6941	0.6941	0.694	2.845
3	8330 ICAL3	0.5	0.5000	3.2963	3.2963	3.296	13.482
4	8330 ICAL4	2.5	2.5000	15.3319	15.3319	15.332	62.282
5	8330 ICAL5	5.0	5.0000	33.1207	33.1207	33.121	134.169
6	8330 ICAL6	10	10.0000	65.8169	65.8169	65.817	263.904
7	8330 ICAL7	20	20.0000	133.1466	133.1466	133.147	524.417

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Calibration

Calibration Details	3-NT		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	-0.0038
Evaluation Type	Area	*Slope (C1)*	3.8221
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-8330L-220310	*R-Square*	0.9996
Number of disabled Calibration Points	0	*%Avg CF*	12.145

Calibration Plot **3-NT**



Calibration Results **3-NT**

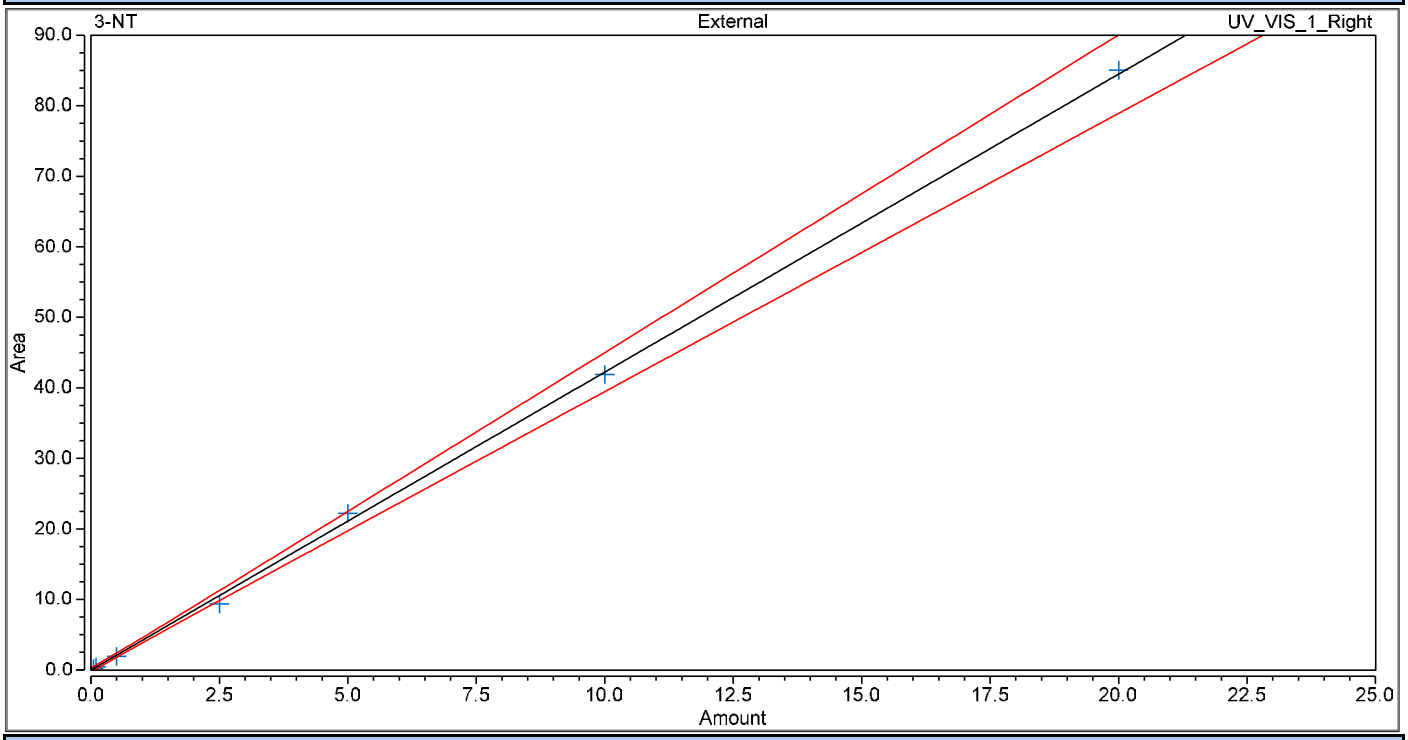
No.	Injection Name	Calibration Level	X Value UV_VIS_1_Left 3-NT	Y Value UV_VIS_1_Left 3-NT	Y Value UV_VIS_1_Left 3-NT	Area mAU*min UV_VIS_1_Left 3-NT	Height mAU UV_VIS_1_Left 3-NT
1	8330 ICAL1	0.05	0.0500	0.2007	0.2007	0.201	0.856
2	8330 ICAL2	0.1	0.1000	0.3899	0.3899	0.390	1.680
3	8330 ICAL3	0.5	0.5000	1.8313	1.8313	1.831	7.804
4	8330 ICAL4	2.5	2.5000	8.8642	8.8642	8.864	37.903
5	8330 ICAL5	5.0	5.0000	19.1625	19.1625	19.162	81.424
6	8330 ICAL6	10	10.0000	38.2325	38.2325	38.232	162.289
7	8330 ICAL7	20	20.0000	77.1043	77.1043	77.104	326.498

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Calibration

Calibration Details	3-NT		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	-0.0199
Evaluation Type	Area	*Slope (C1)*	4.2254
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-83301R-220310	*R-Square*	0.9986
Number of disabled Calibration Points	0	*%Avg CF*	22.084

Calibration Plot **3-NT**



Calibration Results **3-NT**

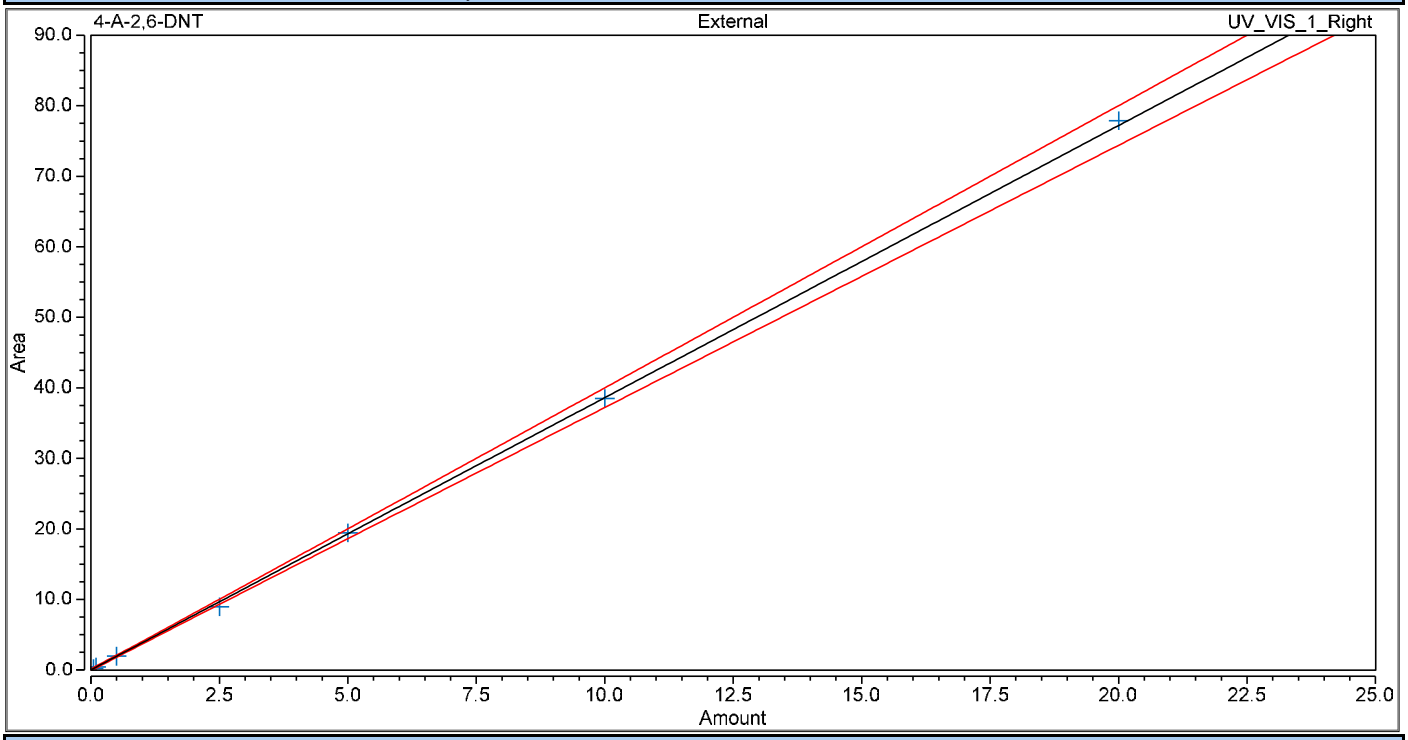
No.	Injection Name	Calibration Level	X Value UV_VIS_1_Right 3-NT	Y Value UV_VIS_1_Right 3-NT	Y Value JV_VIS_1_Righ 3-NT	Area mAU*min UV_VIS_1_Right 3-NT	Height mAU UV_VIS_1_Right 3-NT
1	8330 ICAL1	0.05	0.0500	0.2114	0.2114	0.211	1.202
2	8330 ICAL2	0.1	0.1000	0.4246	0.4246	0.425	2.372
3	8330 ICAL3	0.5	0.5000	1.9097	1.9097	1.910	11.093
4	8330 ICAL4	2.5	2.5000	9.3777	9.3777	9.378	53.331
5	8330 ICAL5	5.0	5.0000	22.2034	22.2034	22.203	117.639
6	8330 ICAL6	10	10.0000	41.9001	41.9001	41.900	236.245
7	8330 ICAL7	20	20.0000	85.0333	85.0333	85.033	442.363

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Calibration

Calibration Details	4-A-2,6-DNT		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	0.0117
Evaluation Type	Area	*Slope (C1)*	3.8598
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-83301R-220310	*R-Square*	0.9996
Number of disabled Calibration Points	0	*%Avg CF*	11.756

Calibration Plot **4-A-2,6-DNT**



Calibration Results **4-A-2,6-DNT**

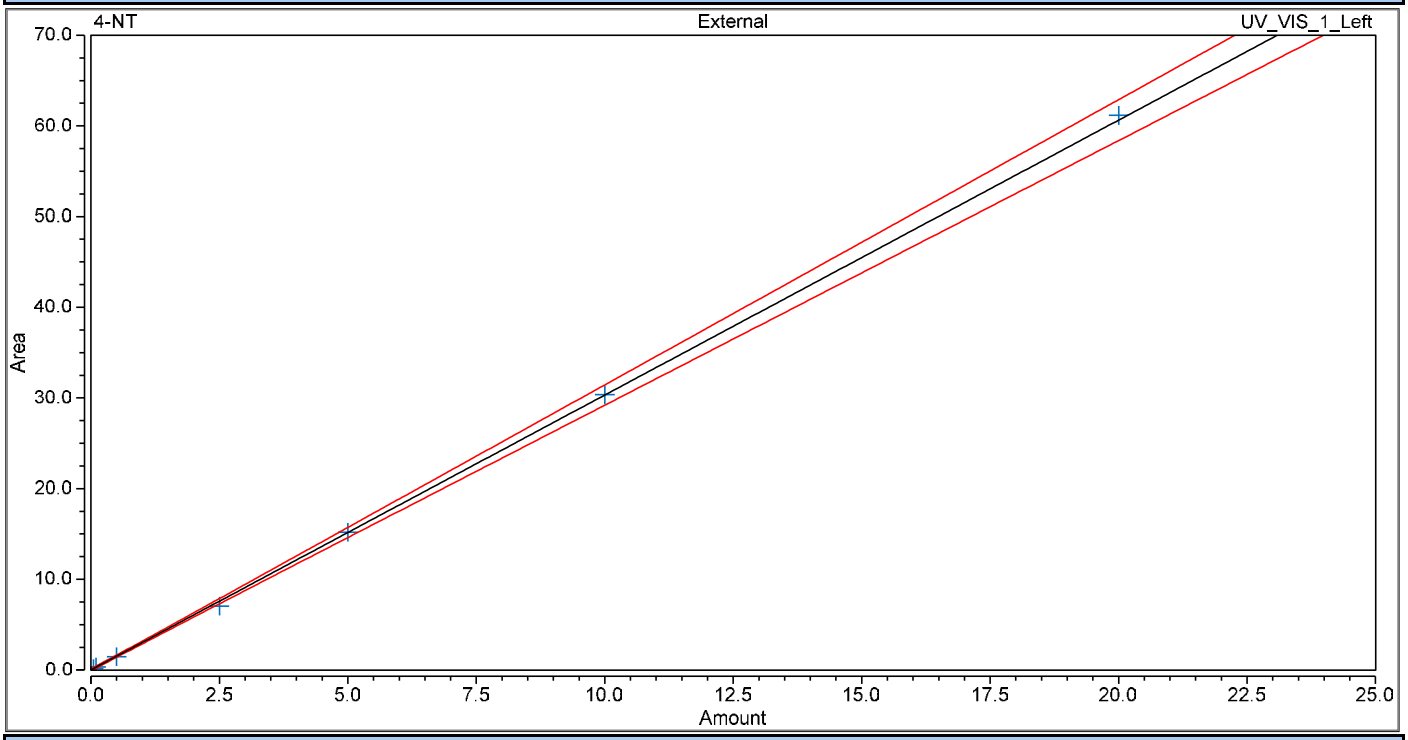
No.	Injection Name	Calibration Level	X Value UV_VIS_1_Right 4-A-2,6-DNT	Y Value UV_VIS_1_Right 4-A-2,6-DNT	Y Value JV_VIS_1_Righ 4-A-2,6-DNT	Area mAU*min UV_VIS_1_Right 4-A-2,6-DNT	Height mAU UV_VIS_1_Right 4-A-2,6-DNT
1	8330 ICAL1	0.05	0.0500	0.2103	0.2103	0.210	1.061
2	8330 ICAL2	0.1	0.1000	0.4088	0.4088	0.409	2.052
3	8330 ICAL3	0.5	0.5000	1.9459	1.9459	1.946	9.749
4	8330 ICAL4	2.5	2.5000	8.9583	8.9583	8.958	45.446
5	8330 ICAL5	5.0	5.0000	19.4437	19.4437	19.444	98.109
6	8330 ICAL6	10	10.0000	38.4963	38.4963	38.496	194.368
7	8330 ICAL7	20	20.0000	77.8702	77.8702	77.870	390.494

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Calibration

Calibration Details	4-NT		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	-0.0006
Evaluation Type	Area	*Slope (C1)*	3.0319
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-8330L-220310	*R-Square*	0.9996
Number of disabled Calibration Points	0	*%Avg CF*	12.210

Calibration Plot **4-NT**



Calibration Results **4-NT**

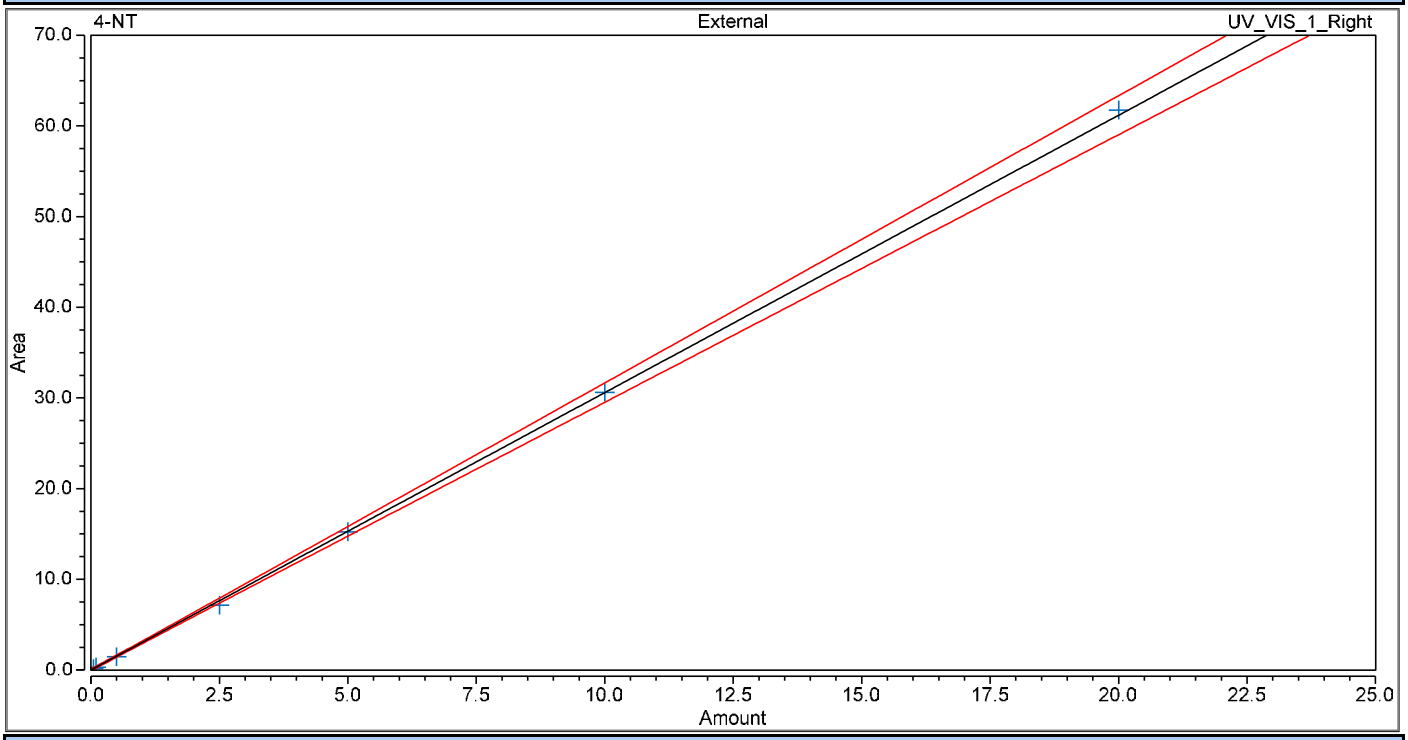
No.	Injection Name	Calibration Level	X Value UV_VIS_1_Left 4-NT	Y Value UV_VIS_1_Left 4-NT	Y Value UV_VIS_1_Left 4-NT	Area mAU*min UV_VIS_1_Left 4-NT	Height mAU UV_VIS_1_Left 4-NT
1	8330 ICAL1	0.05	0.0500	0.1594	0.1594	0.159	0.729
2	8330 ICAL2	0.1	0.1000	0.3167	0.3167	0.317	1.428
3	8330 ICAL3	0.5	0.5000	1.4525	1.4525	1.452	6.610
4	8330 ICAL4	2.5	2.5000	7.0295	7.0295	7.029	32.013
5	8330 ICAL5	5.0	5.0000	15.1961	15.1961	15.196	69.096
6	8330 ICAL6	10	10.0000	30.3500	30.3500	30.350	138.300
7	8330 ICAL7	20	20.0000	61.1599	61.1599	61.160	277.627

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Calibration

Calibration Details	4-NT		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	-0.0080
Evaluation Type	Area	*Slope (C1)*	3.0595
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-83301R-220310	*R-Square*	0.9996
Number of disabled Calibration Points	0	*%Avg CF*	11.656

Calibration Plot **4-NT**



Calibration Results **4-NT**

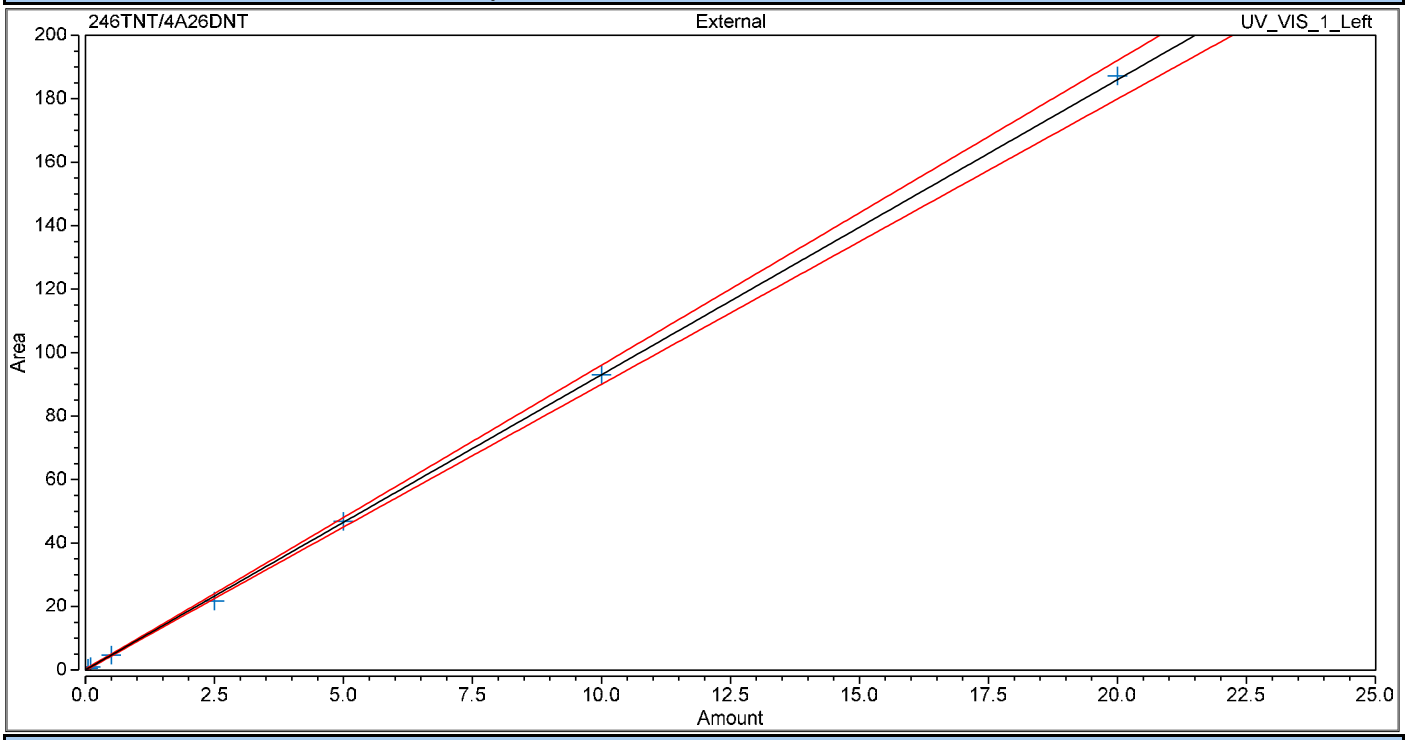
No.	Injection Name	Calibration Level	X Value UV_VIS_1_Right 4-NT	Y Value UV_VIS_1_Right 4-NT	Y Value JV_VIS_1_Righ 4-NT	Area mAU*min UV_VIS_1_Right 4-NT	Height mAU UV_VIS_1_Right 4-NT
1	8330 ICAL1	0.05	0.0500	0.1556	0.1556	0.156	0.922
2	8330 ICAL2	0.1	0.1000	0.3096	0.3096	0.310	1.833
3	8330 ICAL3	0.5	0.5000	1.4482	1.4482	1.448	8.510
4	8330 ICAL4	2.5	2.5000	7.1381	7.1381	7.138	41.014
5	8330 ICAL5	5.0	5.0000	15.2381	15.2381	15.238	88.531
6	8330 ICAL6	10	10.0000	30.6169	30.6169	30.617	176.993
7	8330 ICAL7	20	20.0000	61.7567	61.7567	61.757	358.696

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Calibration

Calibration Details	246TNT/4A26DNT		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	0.0267
Evaluation Type	Area	*Slope (C1)*	9.2988
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-8330L-220310	*R-Square*	0.9997
Number of disabled Calibration Points	0	*%Avg CF*	10.552

Calibration Plot **246TNT/4A26DNT**



Calibration Results **246TNT/4A26DNT**

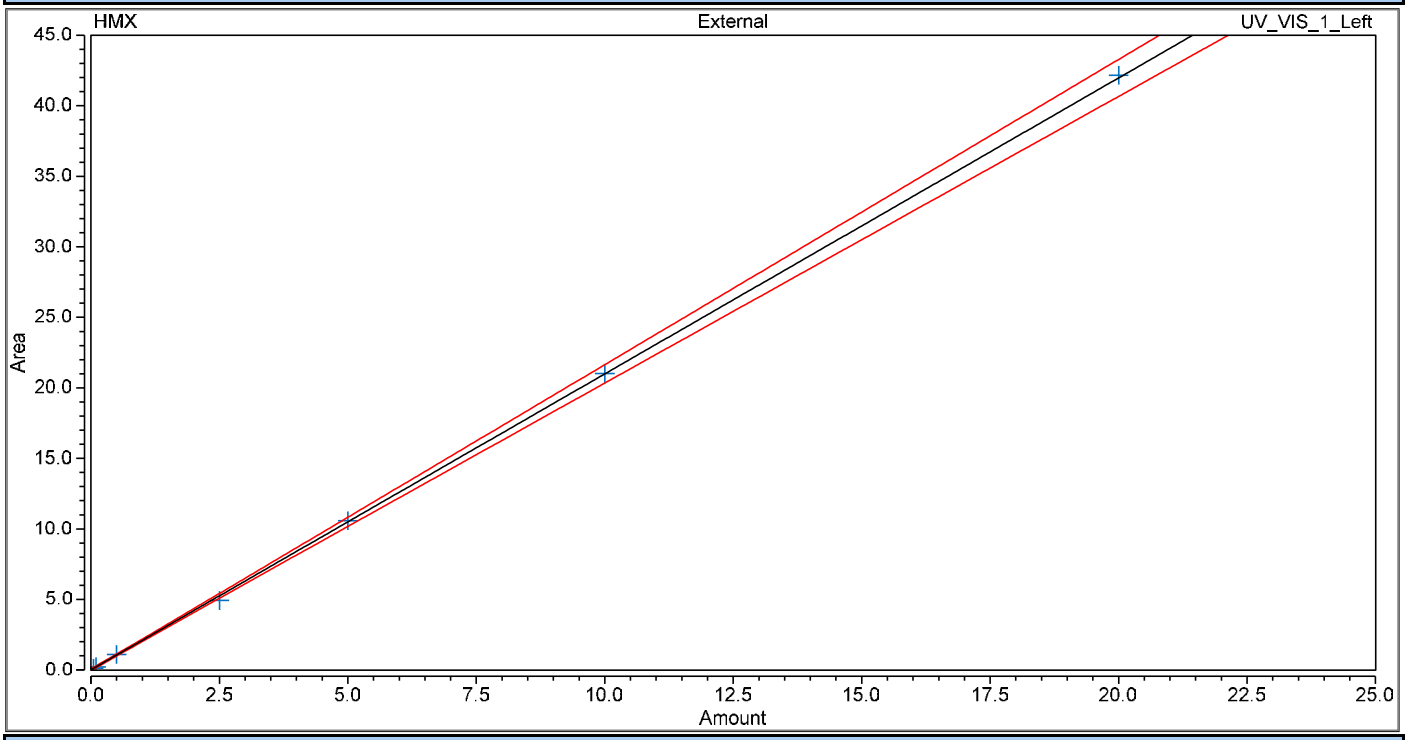
No.	Injection Name	Calibration Level	X Value UV_VIS_1_Left 246TNT/4A26DNT	Y Value UV_VIS_1_Left 246TNT/4A26DNT	Y Value UV_VIS_1_Left 246TNT/4A26DNT	Area mAU*min UV_VIS_1_Left 246TNT/4A26DNT	Height mAU UV_VIS_1_Left 246TNT/4A26DNT
1	8330 ICAL1	0.05	0.0500	0.5070	0.5070	0.507	2.845
2	8330 ICAL2	0.1	0.1000	0.9773	0.9773	0.977	5.493
3	8330 ICAL3	0.5	0.5000	4.6677	4.6677	4.668	26.130
4	8330 ICAL4	2.5	2.5000	21.7266	21.7266	21.727	121.491
5	8330 ICAL5	5.0	5.0000	46.8229	46.8229	46.823	262.095
6	8330 ICAL6	10	10.0000	93.0331	93.0331	93.033	522.280
7	8330 ICAL7	20	20.0000	187.2025	187.2025	187.203	1055.637

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Calibration

Calibration Details	HMX		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	0.0081
Evaluation Type	Area	*Slope (C1)*	2.0983
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-8330L-220310	*R-Square*	0.9997
Number of disabled Calibration Points	0	*%Avg CF*	10.056

Calibration Plot **HMX**



Calibration Results **HMX**

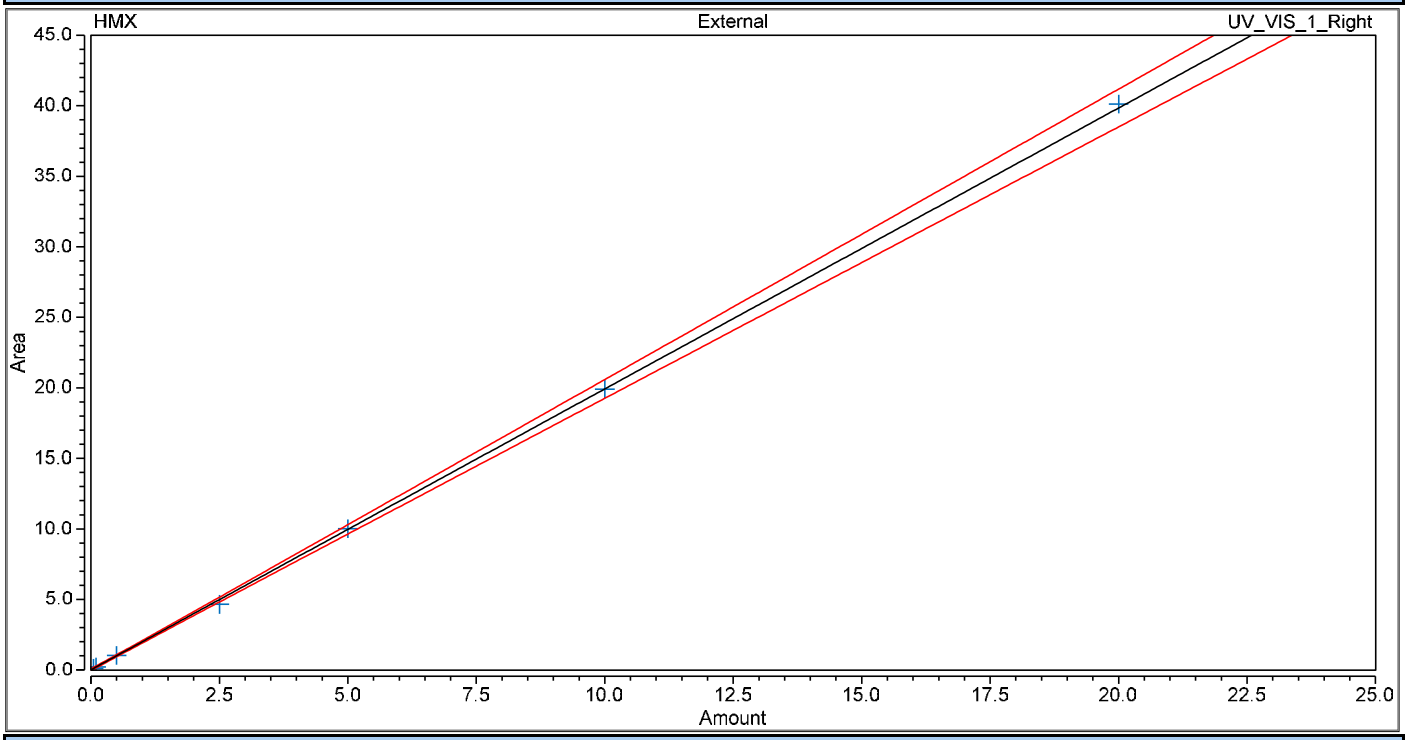
No.	Injection Name	Calibration Level	X Value UV_VIS_1_Left HMX	Y Value UV_VIS_1_Left HMX	Y Value UV_VIS_1_Left HMX	Area mAU*min UV_VIS_1_Left HMX	Height mAU UV_VIS_1_Left HMX
1	8330 ICAL1	0.05	0.0500	0.1135	0.1135	0.113	0.810
2	8330 ICAL2	0.1	0.1000	0.2203	0.2203	0.220	1.579
3	8330 ICAL3	0.5	0.5000	1.0925	1.0925	1.092	7.736
4	8330 ICAL4	2.5	2.5000	4.9240	4.9240	4.924	34.708
5	8330 ICAL5	5.0	5.0000	10.5853	10.5853	10.585	73.812
6	8330 ICAL6	10	10.0000	21.0101	21.0101	21.010	144.287
7	8330 ICAL7	20	20.0000	42.1615	42.1615	42.162	282.453

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Calibration

Calibration Details	HMX		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	0.0075
Evaluation Type	Area	*Slope (C1)*	1.9918
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-83301R-220310	*R-Square*	0.9996
Number of disabled Calibration Points	0	*%Avg CF*	10.835

Calibration Plot **HMX**



Calibration Results **HMX**

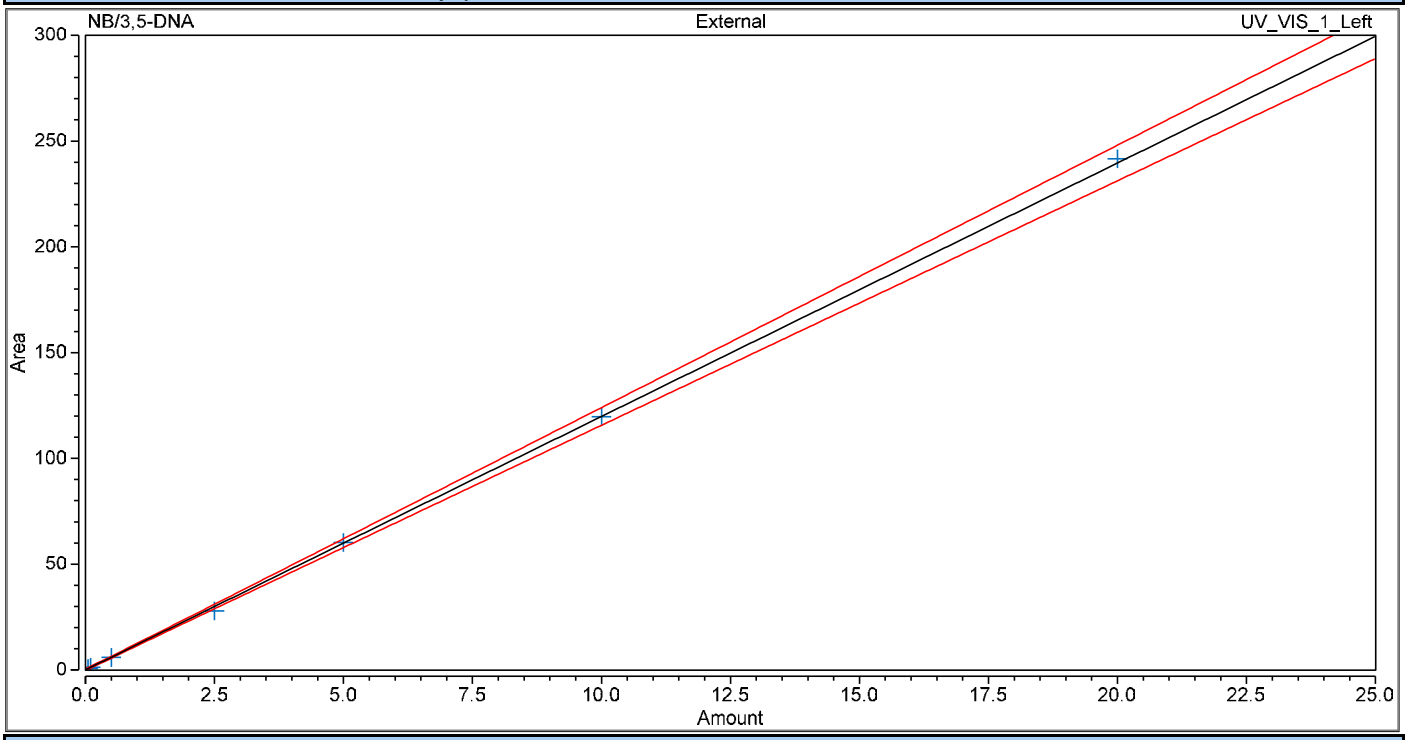
No.	Injection Name	Calibration Level	X Value UV_VIS_1_Right HMX	Y Value UV_VIS_1_Right HMX	Y Value JV_VIS_1_Right HMX	Area mAU*min UV_VIS_1_Right HMX	Height mAU UV_VIS_1_Right HMX
1	8330 ICAL1	0.05	0.0500	0.1079	0.1079	0.108	0.461
2	8330 ICAL2	0.1	0.1000	0.2107	0.2107	0.211	0.904
3	8330 ICAL3	0.5	0.5000	1.0319	1.0319	1.032	4.363
4	8330 ICAL4	2.5	2.5000	4.6500	4.6500	4.650	19.671
5	8330 ICAL5	5.0	5.0000	10.0103	10.0103	10.010	42.136
6	8330 ICAL6	10	10.0000	19.9056	19.9056	19.906	82.384
7	8330 ICAL7	20	20.0000	40.1224	40.1224	40.122	161.118

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Calibration

Calibration Details	NB/3,5-DNA		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	0.0155
Evaluation Type	Area	*Slope (C1)*	11.9806
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-8330L-220310	*R-Square*	0.9996
Number of disabled Calibration Points	0	*%Avg CF*	11.441

Calibration Plot **NB/3,5-DNA**



Calibration Results **NB/3,5-DNA**

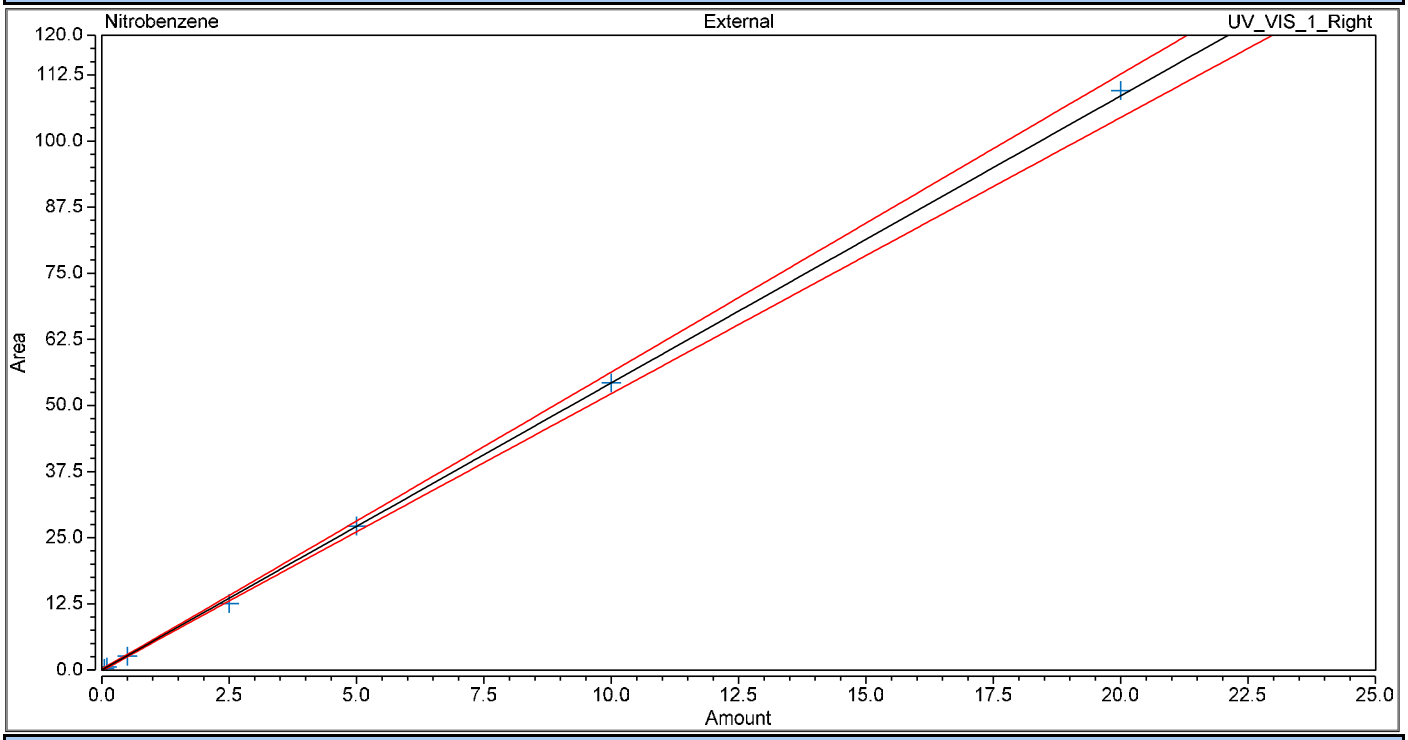
No.	Injection Name	Calibration Level	X Value UV_VIS_1_Left NB/3,5-DNA	Y Value UV_VIS_1_Left NB/3,5-DNA	Y Value UV_VIS_1_Left NB/3,5-DNA	Area mAU*min UV_VIS_1_Left NB/3,5-DNA	Height mAU UV_VIS_1_Left NB/3,5-DNA
1	8330 ICAL1	0.05	0.0500	0.6423	0.6423	0.642	4.296
2	8330 ICAL2	0.1	0.1000	1.2512	1.2512	1.251	8.356
3	8330 ICAL3	0.5	0.5000	5.8863	5.8863	5.886	39.308
4	8330 ICAL4	2.5	2.5000	27.8673	27.8673	27.867	184.900
5	8330 ICAL5	5.0	5.0000	60.2124	60.2124	60.212	397.697
6	8330 ICAL6	10	10.0000	119.7197	119.7197	119.720	790.887
7	8330 ICAL7	20	20.0000	241.5889	241.5889	241.589	1597.729

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Calibration

Calibration Details	Nitrobenzene		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	-0.0032
Evaluation Type	Area	*Slope (C1)*	5.4281
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-83301R-220310	*R-Square*	0.9996
Number of disabled Calibration Points	0	*%Avg CF*	12.409

Calibration Plot **Nitrobenzene**



Calibration Results **Nitrobenzene**

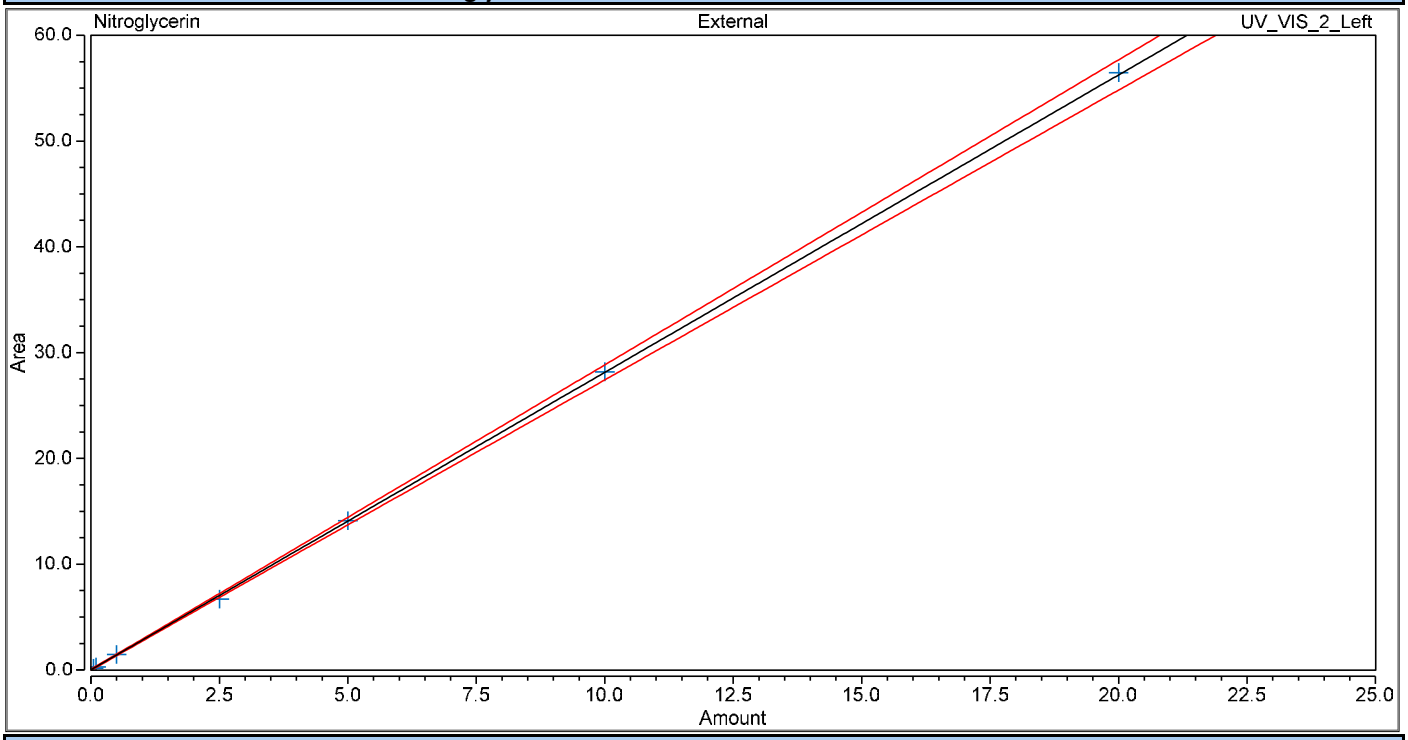
No.	Injection Name	Calibration Level	X Value UV_VIS_1_Right Nitrobenzene	Y Value UV_VIS_1_Right Nitrobenzene	Y Value JV_VIS_1_Right Nitrobenzene	Area mAU*min UV_VIS_1_Right Nitrobenzene	Height mAU UV_VIS_1_Right Nitrobenzene
1	8330 ICAL1	0.05	0.0500	0.2856	0.2856	0.286	1.236
2	8330 ICAL2	0.1	0.1000	0.5603	0.5603	0.560	2.423
3	8330 ICAL3	0.5	0.5000	2.6002	2.6002	2.600	11.173
4	8330 ICAL4	2.5	2.5000	12.5721	12.5721	12.572	53.802
5	8330 ICAL5	5.0	5.0000	27.2141	27.2141	27.214	116.487
6	8330 ICAL6	10	10.0000	54.2649	54.2649	54.265	228.551
7	8330 ICAL7	20	20.0000	109.5607	109.5607	109.561	453.752

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Calibration

Calibration Details	Nitroglycerin		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	0.0106
Evaluation Type	Area	*Slope (C1)*	2.8120
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-8330L-220310	*R-Square*	0.9998
Number of disabled Calibration Points	0	*%Avg CF*	8.185

Calibration Plot **Nitroglycerin**



Calibration Results **Nitroglycerin**

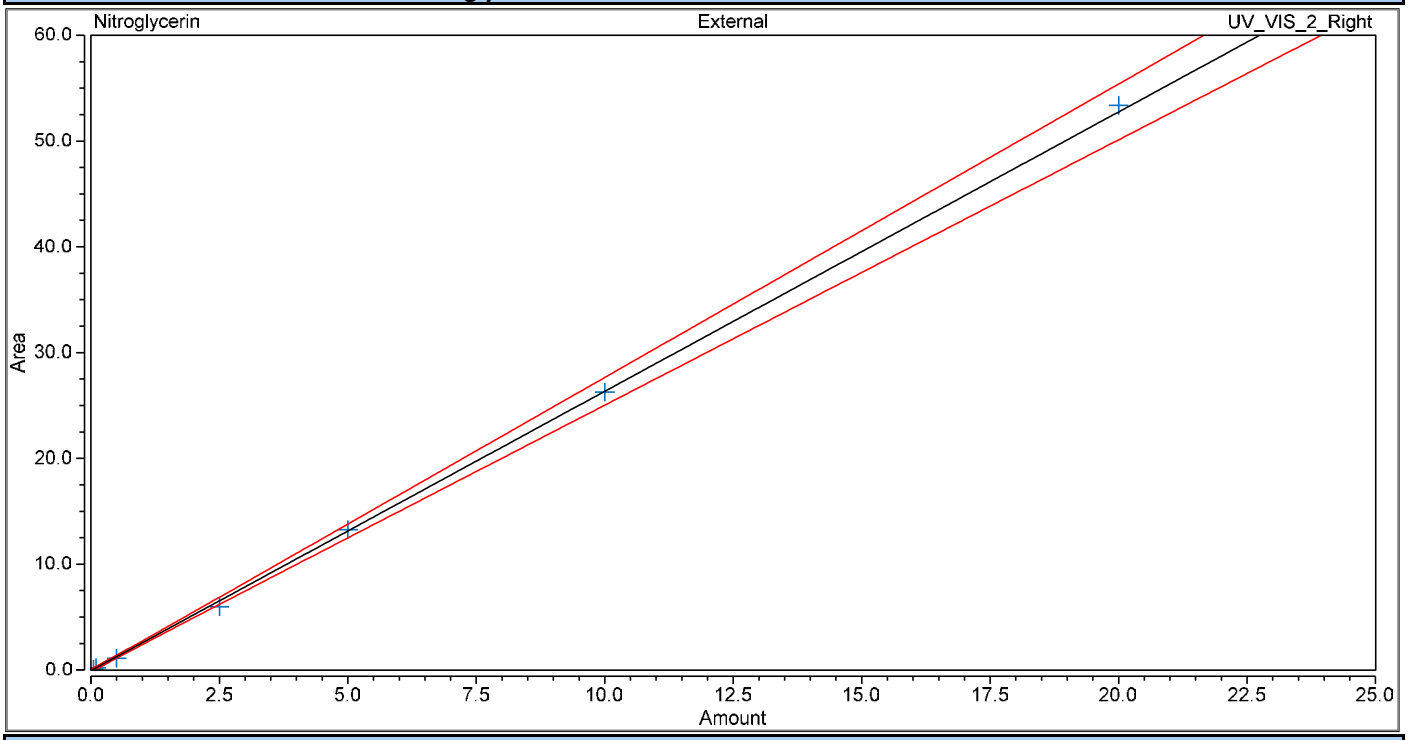
No.	Injection Name	Calibration Level	X Value UV_VIS_2_Left Nitroglycerin	Y Value UV_VIS_2_Left Nitroglycerin	Y Value UV_VIS_2_Left Nitroglycerin	Area mAU*min UV_VIS_2_Left Nitroglycerin	Height mAU UV_VIS_2_Left Nitroglycerin
1	8330 ICAL1	0.05	0.0500	0.1598	0.1598	0.160	1.044
2	8330 ICAL2	0.1	0.1000	0.2785	0.2785	0.278	1.921
3	8330 ICAL3	0.5	0.5000	1.4555	1.4555	1.456	9.248
4	8330 ICAL4	2.5	2.5000	6.6895	6.6895	6.690	43.884
5	8330 ICAL5	5.0	5.0000	14.1084	14.1084	14.108	93.394
6	8330 ICAL6	10	10.0000	28.1882	28.1882	28.188	185.878
7	8330 ICAL7	20	20.0000	56.4708	56.4708	56.471	367.152

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Calibration

Calibration Details	Nitroglycerin		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	-0.0704
Evaluation Type	Area	*Slope (C1)*	2.6411
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-83301R-220310	*R-Square*	0.9992
Number of disabled Calibration Points	0	*%Avg CF*	18.692

Calibration Plot **Nitroglycerin**



Calibration Results **Nitroglycerin**

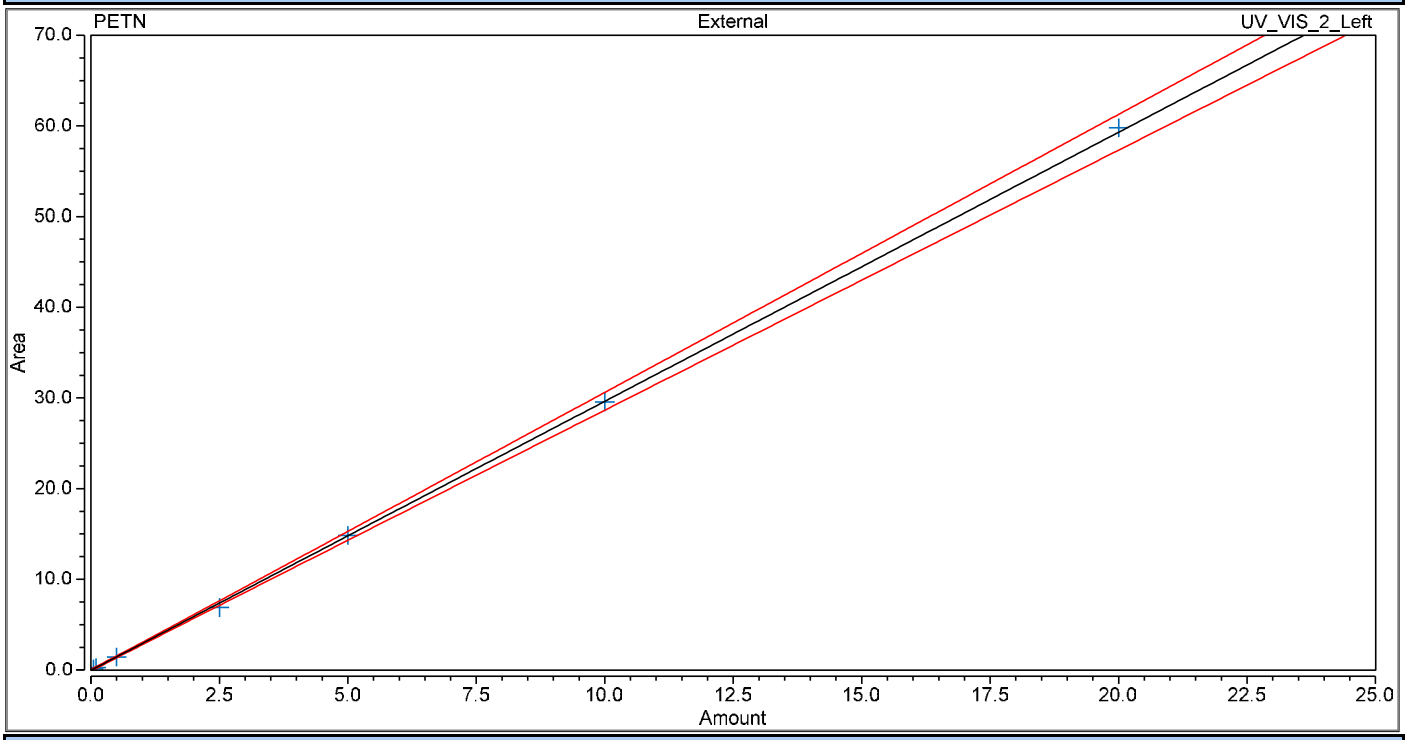
No.	Injection Name	Calibration Level	X Value UV_VIS_2_Right Nitroglycerin	Y Value UV_VIS_2_Right Nitroglycerin	Y Value JV_VIS_2_Right Nitroglycerin	Area mAU*min UV_VIS_2_Right Nitroglycerin	Height mAU UV_VIS_2_Right Nitroglycerin
1	8330 ICAL1	0.05	0.0500	0.0807	0.0807	0.081	0.551
2	8330 ICAL2	0.1	0.1000	0.2030	0.2030	0.203	1.245
3	8330 ICAL3	0.5	0.5000	1.1001	1.1001	1.100	6.459
4	8330 ICAL4	2.5	2.5000	5.9769	5.9769	5.977	32.855
5	8330 ICAL5	5.0	5.0000	13.2532	13.2532	13.253	71.539
6	8330 ICAL6	10	10.0000	26.2724	26.2724	26.272	142.112
7	8330 ICAL7	20	20.0000	53.3799	53.3799	53.380	281.863

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Calibration

Calibration Details	PETN		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	-0.0466
Evaluation Type	Area	*Slope (C1)*	2.9674
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-8330L-220310	*R-Square*	0.9997
Number of disabled Calibration Points	0	*%Avg CF*	11.768

Calibration Plot **PETN**



Calibration Results **PETN**

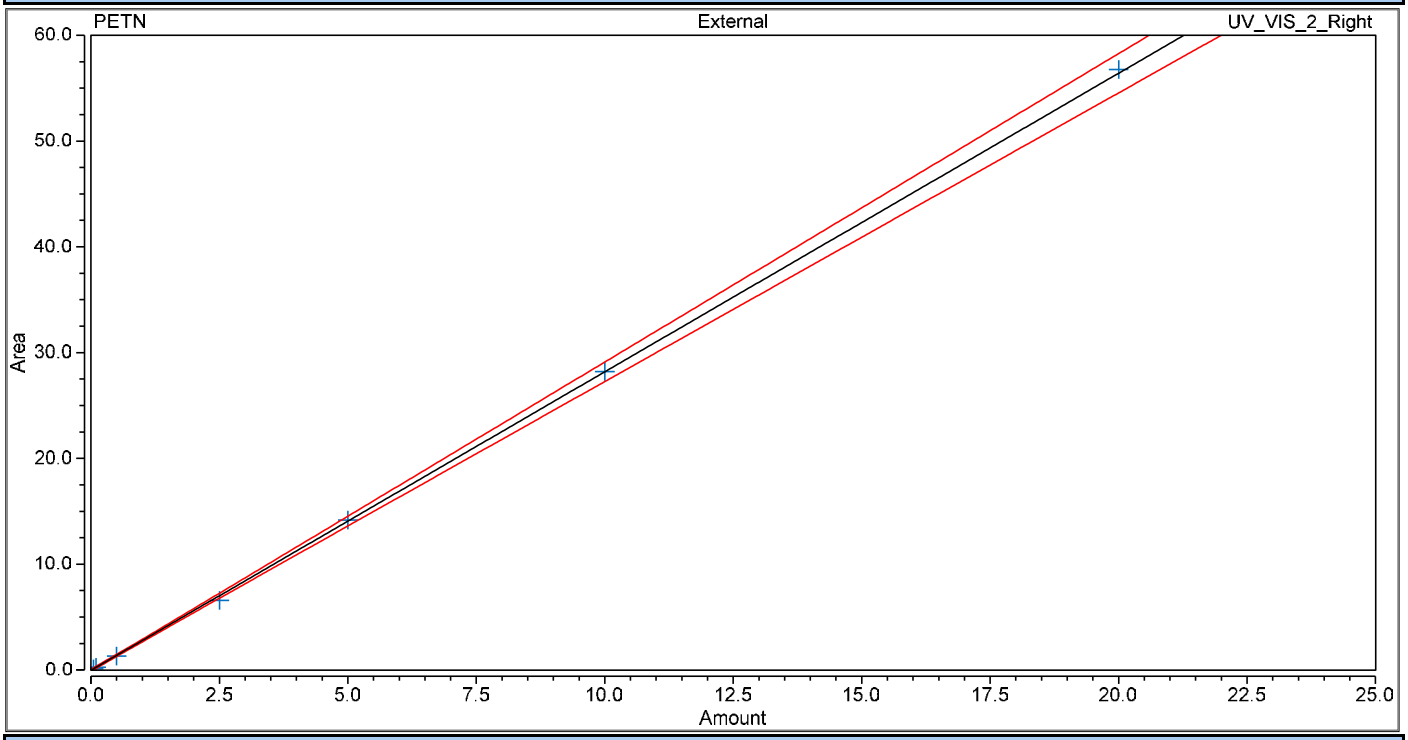
No.	Injection Name	Calibration Level	X Value UV_VIS_2_Left PETN	Y Value UV_VIS_2_Left PETN	Y Value UV_VIS_2_Left PETN	Area mAU*min UV_VIS_2_Left PETN	Height mAU UV_VIS_2_Left PETN
1	8330 ICAL1	0.05	0.0500	0.1101	0.1101	0.110	0.472
2	8330 ICAL2	0.1	0.1000	0.2525	0.2525	0.252	1.080
3	8330 ICAL3	0.5	0.5000	1.4250	1.4250	1.425	5.651
4	8330 ICAL4	2.5	2.5000	6.8811	6.8811	6.881	26.940
5	8330 ICAL5	5.0	5.0000	14.8430	14.8430	14.843	57.910
6	8330 ICAL6	10	10.0000	29.5616	29.5616	29.562	114.630
7	8330 ICAL7	20	20.0000	59.8070	59.8070	59.807	231.315

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Calibration

Calibration Details	PETN		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	-0.0428
Evaluation Type	Area	*Slope (C1)*	2.8226
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-83301R-220310	*R-Square*	0.9997
Number of disabled Calibration Points	0	*%Avg CF*	11.611

Calibration Plot **PETN**



Calibration Results **PETN**

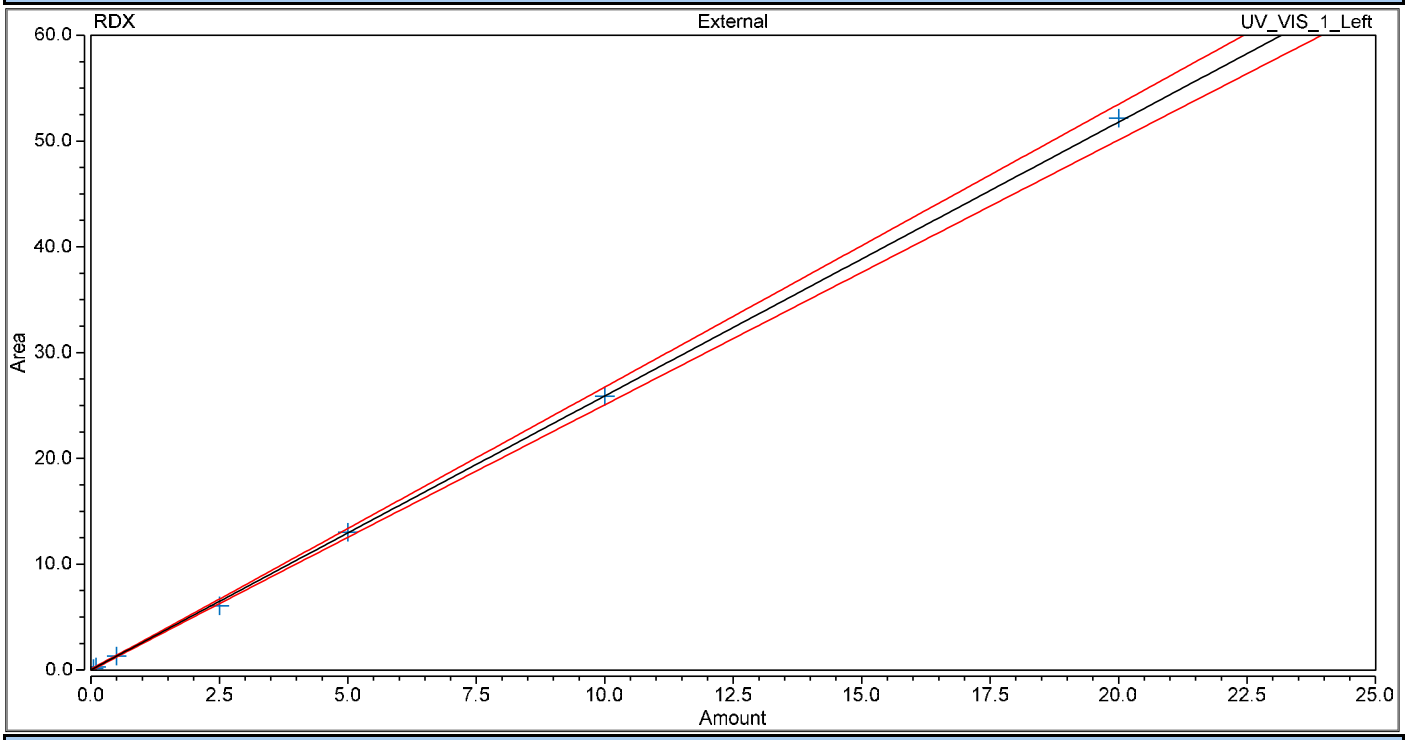
No.	Injection Name	Calibration Level	X Value UV_VIS_2_Right PETN	Y Value UV_VIS_2_Right PETN	Y Value JV_VIS_2_Right PETN	Area mAU*min UV_VIS_2_Right PETN	Height mAU UV_VIS_2_Right PETN
1	8330 ICAL1	0.05	0.0500	0.1019	0.1019	0.102	0.713
2	8330 ICAL2	0.1	0.1000	0.2592	0.2592	0.259	1.718
3	8330 ICAL3	0.5	0.5000	1.3019	1.3019	1.302	8.460
4	8330 ICAL4	2.5	2.5000	6.5727	6.5727	6.573	40.671
5	8330 ICAL5	5.0	5.0000	14.1643	14.1643	14.164	87.735
6	8330 ICAL6	10	10.0000	28.2190	28.2190	28.219	173.632
7	8330 ICAL7	20	20.0000	56.7651	56.7651	56.765	347.524

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Calibration

Calibration Details	RDX		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	0.0077
Evaluation Type	Area	*Slope (C1)*	2.5892
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-8330L-220310	*R-Square*	0.9997
Number of disabled Calibration Points	0	*%Avg CF*	10.539

Calibration Plot **RDX**



Calibration Results **RDX**

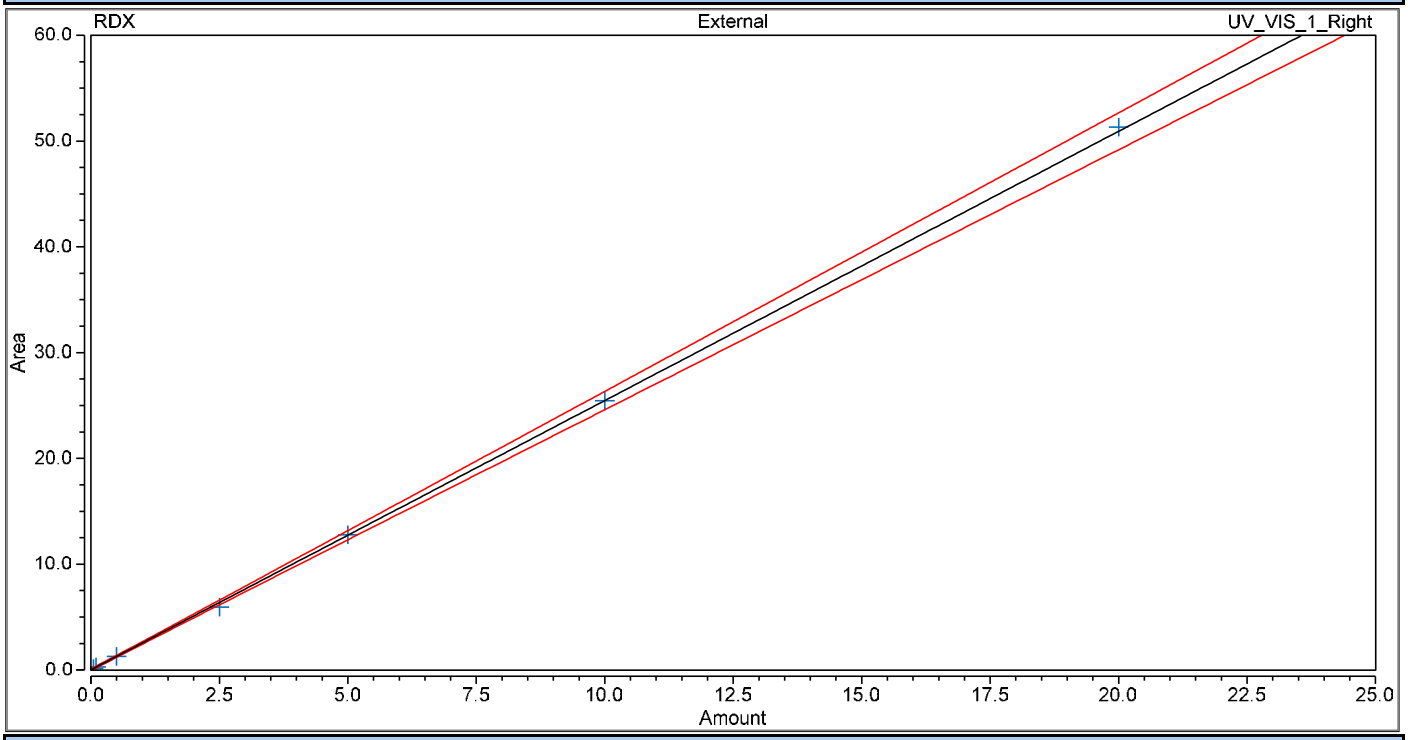
No.	Injection Name	Calibration Level	X Value UV_VIS_1_Left RDX	Y Value UV_VIS_1_Left RDX	Y Value UV_VIS_1_Left RDX	Area mAU*min UV_VIS_1_Left RDX	Height mAU UV_VIS_1_Left RDX
1	8330 ICAL1	0.05	0.0500	0.1397	0.1397	0.140	0.896
2	8330 ICAL2	0.1	0.1000	0.2740	0.2740	0.274	1.756
3	8330 ICAL3	0.5	0.5000	1.3117	1.3117	1.312	8.391
4	8330 ICAL4	2.5	2.5000	6.0520	6.0520	6.052	38.587
5	8330 ICAL5	5.0	5.0000	13.0161	13.0161	13.016	82.540
6	8330 ICAL6	10	10.0000	25.8824	25.8824	25.882	161.804
7	8330 ICAL7	20	20.0000	52.1566	52.1566	52.157	318.941

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Calibration

Calibration Details	RDX		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	0.0094
Evaluation Type	Area	*Slope (C1)*	2.5456
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-83301R-220310	*R-Square*	0.9996
Number of disabled Calibration Points	0	*%Avg CF*	11.038

Calibration Plot **RDX**



Calibration Results **RDX**

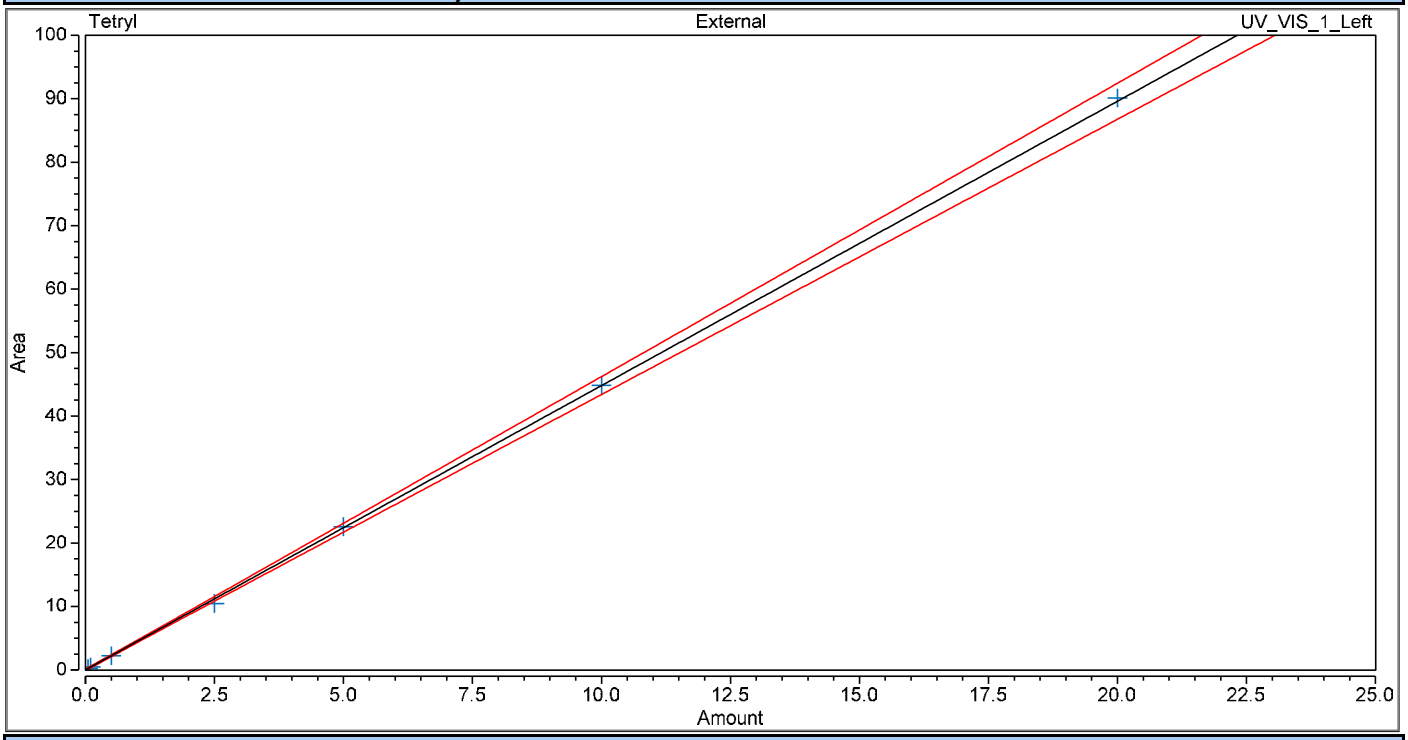
No.	Injection Name	Calibration Level	X Value UV_VIS_1_Right RDX	Y Value UV_VIS_1_Right RDX	Y Value JV_VIS_1_Righ RDX	Area mAU*min UV_VIS_1_Right RDX	Height mAU UV_VIS_1_Right RDX
1	8330 ICAL1	0.05	0.0500	0.1397	0.1397	0.140	0.514
2	8330 ICAL2	0.1	0.1000	0.2713	0.2713	0.271	0.994
3	8330 ICAL3	0.5	0.5000	1.2905	1.2905	1.290	4.682
4	8330 ICAL4	2.5	2.5000	5.9322	5.9322	5.932	21.500
5	8330 ICAL5	5.0	5.0000	12.7800	12.7800	12.780	46.372
6	8330 ICAL6	10	10.0000	25.4397	25.4397	25.440	90.552
7	8330 ICAL7	20	20.0000	51.3261	51.3261	51.326	178.304

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Calibration

Calibration Details	Tetryl		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	0.0019
Evaluation Type	Area	*Slope (C1)*	4.4801
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-8330L-220310	*R-Square*	0.9997
Number of disabled Calibration Points	0	*%Avg CF*	10.359

Calibration Plot **Tetryl**



Calibration Results **Tetryl**

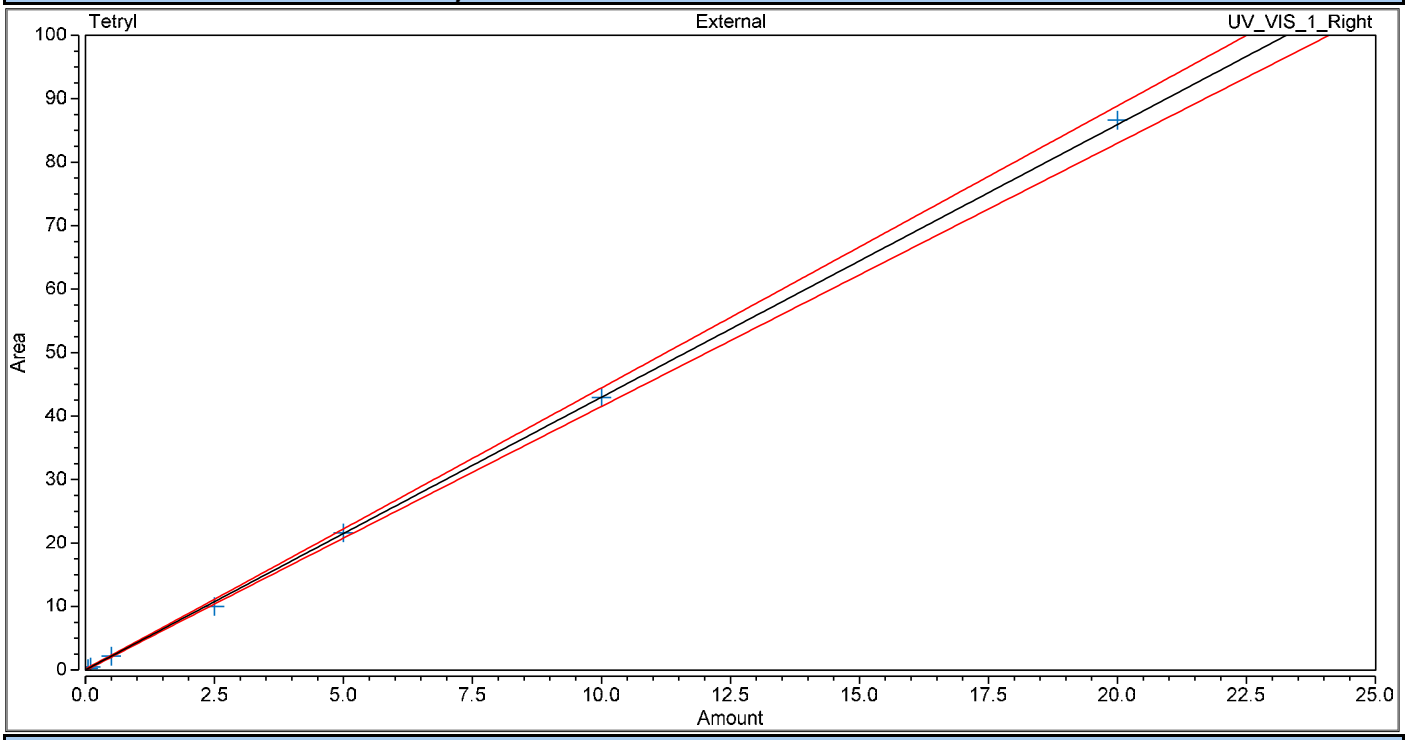
No.	Injection Name	Calibration Level	X Value UV_VIS_1_Left Tetryl	Y Value UV_VIS_1_Left Tetryl	Y Value UV_VIS_1_Left Tetryl	Area mAU*min UV_VIS_1_Left Tetryl	Height mAU UV_VIS_1_Left Tetryl
1	8330 ICAL1	0.05	0.0500	0.2311	0.2311	0.231	1.765
2	8330 ICAL2	0.1	0.1000	0.4634	0.4634	0.463	3.433
3	8330 ICAL3	0.5	0.5000	2.2353	2.2353	2.235	16.499
4	8330 ICAL4	2.5	2.5000	10.4788	10.4788	10.479	77.019
5	8330 ICAL5	5.0	5.0000	22.5804	22.5804	22.580	164.641
6	8330 ICAL6	10	10.0000	44.8288	44.8288	44.829	326.122
7	8330 ICAL7	20	20.0000	90.1131	90.1131	90.113	657.415

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Calibration

Calibration Details	Tetryl		
Calibration Type	Lin, WithOffset, 1/A	*Offset (C0)*	0.0148
Evaluation Type	Area	*Slope (C1)*	4.2959
Number of Calibration Points	7	*Curve (C2)*	0.0000
Processing Method	J11S-83301R-220310	*R-Square*	0.9996
Number of disabled Calibration Points	0	*%Avg CF*	11.047

Calibration Plot **Tetryl**



Calibration Results **Tetryl**

No.	Injection Name	Calibration Level	X Value UV_VIS_1_Right Tetryl	Y Value UV_VIS_1_Right Tetryl	Y Value JV_VIS_1_Righ Tetryl	Area mAU*min UV_VIS_1_Right Tetryl	Height mAU UV_VIS_1_Right Tetryl
1	8330 ICAL1	0.05	0.0500	0.2355	0.2355	0.236	1.277
2	8330 ICAL2	0.1	0.1000	0.4573	0.4573	0.457	2.488
3	8330 ICAL3	0.5	0.5000	2.1647	2.1647	2.165	11.811
4	8330 ICAL4	2.5	2.5000	10.0115	10.0115	10.012	54.803
5	8330 ICAL5	5.0	5.0000	21.5823	21.5823	21.582	117.786
6	8330 ICAL6	10	10.0000	42.9231	42.9231	42.923	233.604
7	8330 ICAL7	20	20.0000	86.6181	86.6181	86.618	467.281

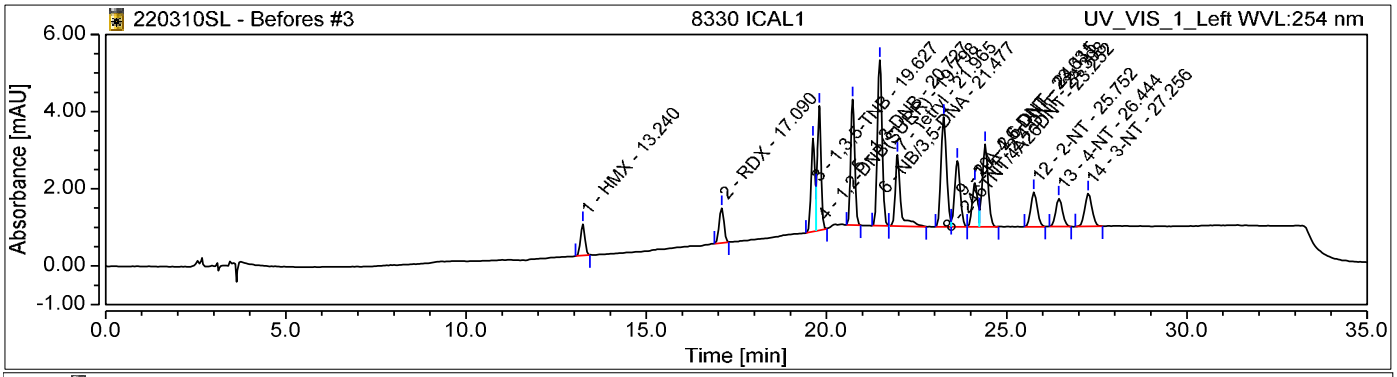
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Chromeleon 7.3.0.60919

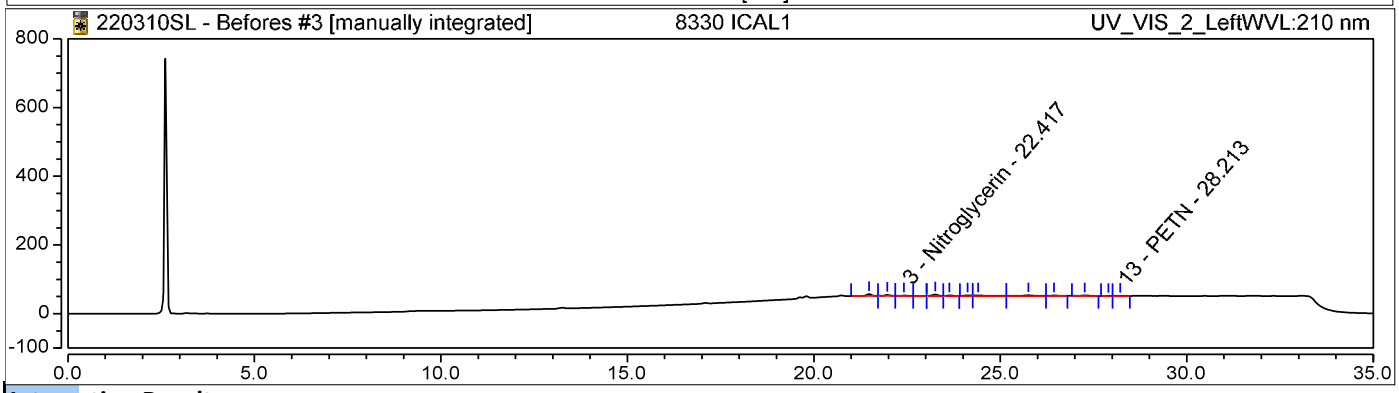
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICAL1**	*Analyst:*	**SW**
File Number:	**S10L003**	*Trace:*	**L017-203A**
Injection Type:	**Calibration Standard**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:	**0.05**	*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	
Processing Method:	**J11S-8330L-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 16:09**	*Sample Weight:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.240	0.113	0.810	2.66	2.99	0.0502
2	RDX	17.090	0.140	0.896	3.27	3.32	0.0510
3	1,3,5-TNB	19.627	0.300	2.407	7.02	8.90	0.0531
4	1,2-DNB(SURR)	19.798	0.380	3.228	8.91	11.94	0.0947
5	1,3-DNB	20.727	0.421	3.255	9.87	12.04	0.0521
6	NB/3,5-DNA	21.477	0.643	4.296	15.05	15.89	0.0523
7	Tetryl	21.965	0.317	1.848	7.42	6.83	0.0703
8	246TNT/4A26DNT	23.252	0.507	2.845	11.87	10.52	0.0517
9	2-A-4,6-DNT	23.631	0.303	1.703	7.11	6.30	0.0520
10	2,6-DNT	24.115	0.195	1.132	4.56	4.19	0.0534
11	2,4-DNT	24.398	0.404	2.138	9.47	7.91	0.0533
12	2-NT	25.752	0.186	0.893	4.35	3.30	0.0526
13	4-NT	26.444	0.159	0.729	3.73	2.70	0.0528
14	3-NT	27.256	0.201	0.856	4.70	3.16	0.0535
Total:			**4.270**	**27.036**	**100.00**	**100.00**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	Nitroglycerin	22.417	0.160	1.044	3.05	4.07	0.0531
13	PETN	28.213	0.110	0.472	2.10	1.84	0.0528
Total:			**0.270**	**1.517**	**5.15**	**5.91**	

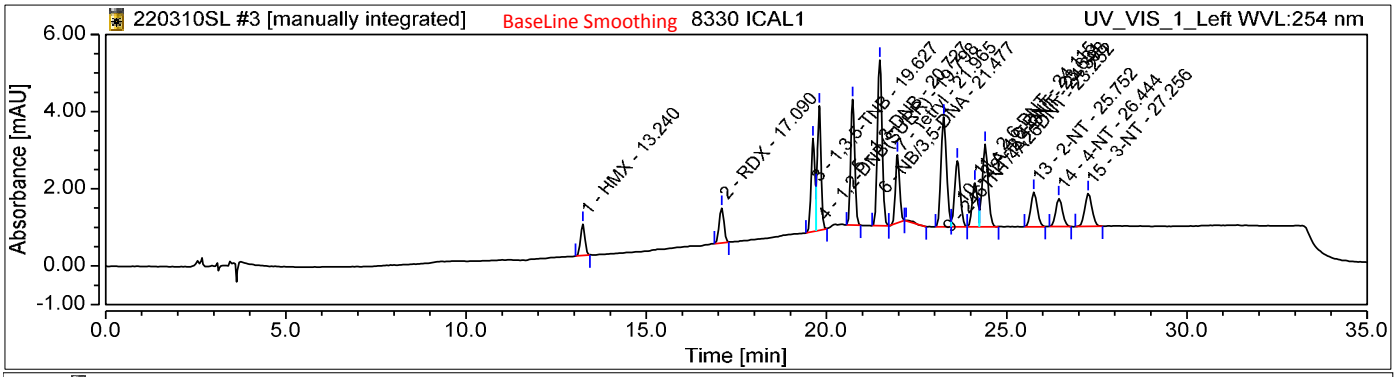
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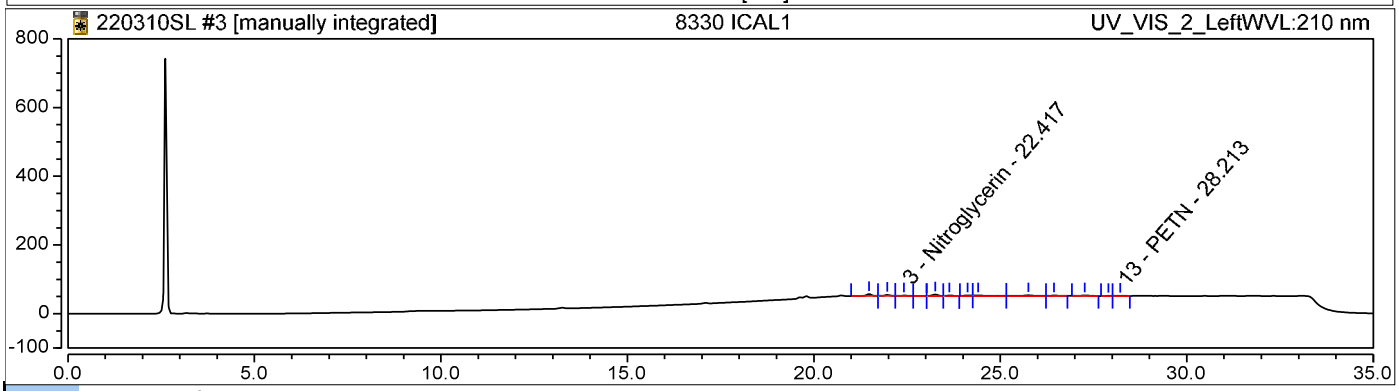
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICAL1**	*Analyst:*	**SW**
File Number:	**S10L003**	*Trace:*	**L017-203A**
Injection Type:	**Calibration Standard**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:	**0.05**	*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	
Processing Method:	**J11S-8330L-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 16:09**	*Sample Weight:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.240	0.113	0.810	2.71	3.00	0.0502
2	RDX	17.090	0.140	0.896	3.33	3.32	0.0510
3	1,3,5-TNB	19.627	0.300	2.407	7.15	8.92	0.0531
4	1,2-DNB(SURR)	19.798	0.380	3.228	9.08	11.97	0.0947
5	1,3-DNB	20.727	0.421	3.255	10.06	12.07	0.0521
6	NB/3,5-DNA	21.477	0.642	4.296	15.33	15.93	0.0523
7	Tetryl	21.965	0.231	1.765	5.52	6.54	0.0512
9	246TNT/4A26DNT	23.252	0.507	2.845	12.10	10.55	0.0517
10	2-A-4,6-DNT	23.631	0.303	1.703	7.24	6.32	0.0520
11	2,6-DNT	24.115	0.195	1.132	4.65	4.20	0.0534
12	2,4-DNT	24.398	0.404	2.138	9.65	7.93	0.0533
13	2-NT	25.752	0.186	0.893	4.44	3.31	0.0526
14	4-NT	26.444	0.159	0.729	3.80	2.70	0.0528
15	3-NT	27.256	0.201	0.856	4.79	3.17	0.0535
Total:			**4.184**	**26.952**	**99.84**	**99.95**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	Nitroglycerin	22.417	0.160	1.044	3.05	4.07	0.0531
13	PETN	28.213	0.110	0.472	2.10	1.84	0.0528
Total:			**0.270**	**1.517**	**5.15**	**5.91**	

Manual Integrations Reasons in Red

By Shaun West at 10:49 am, Oct 13, 2022

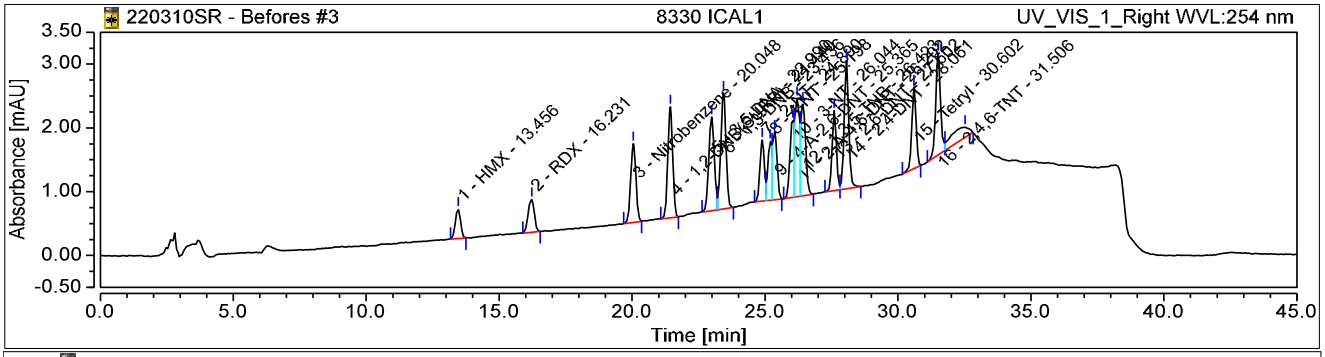
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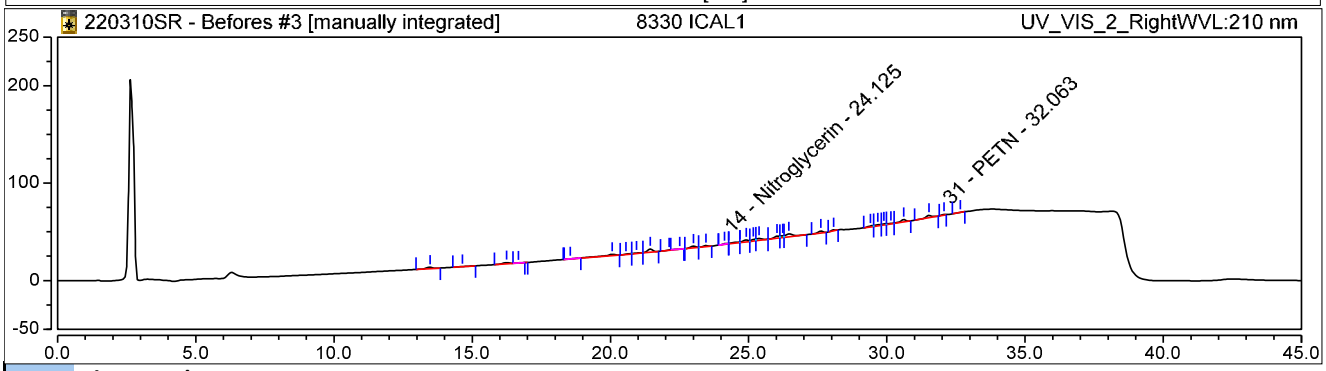
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICAL1**	*Analyst:*	**SW**
File:	**S10R003**	*Trace:*	**L017-203A**
Injection Type:	**Calibration Standard**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:	**0.05**	*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	
Processing Method:	**J11S-83301R-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 16:16**	Sequence Name:	**220310SR - Befores**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.456	0.108	0.461	2.46	2.23	0.0504
2	RDX	16.231	0.140	0.514	3.18	2.49	0.0512
3	Nitrobenzene	20.048	0.286	1.236	6.51	5.99	0.0532
4	1,2-DNB(SURR)	21.440	0.367	1.740	8.37	8.43	0.1041
5	3,5-DNA	22.990	0.356	1.466	8.11	7.10	0.0518
6	1,3-DNB	23.436	0.416	1.817	9.47	8.80	0.0530
7	2-NT	24.890	0.180	0.957	4.09	4.64	0.0532
8	4-NT	25.198	0.156	0.922	3.54	4.47	0.0534
9	4-A-2,6-DNT	25.365	0.210	1.061	4.79	5.14	0.0515
10	3-NT	26.044	0.211	1.202	4.81	5.82	0.0547
11	2-A-4,6-DNT	26.202	0.307	1.542	6.98	7.47	0.0490
12	1,3,5-TNB	26.423	0.304	1.436	6.92	6.96	0.0532
13	2,6-DNT	27.602	0.236	1.251	5.37	6.06	0.0648
14	2,4-DNT	28.061	0.399	2.007	9.08	9.73	0.0528
15	Tetryl	30.602	0.236	1.277	5.36	6.19	0.0514
16	2,4,6-TNT	31.506	0.324	1.589	7.39	7.70	0.0583
Total:			**4.234**	**20.478**	**96.45**	**99.23**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
14	Nitroglycerin	24.125	0.081	0.551	0.85	1.41	0.0572
31	PETN	32.063	0.102	0.713	1.08	1.83	0.0513
Total:			**0.183**	**1.264**	**1.93**	**3.24**	

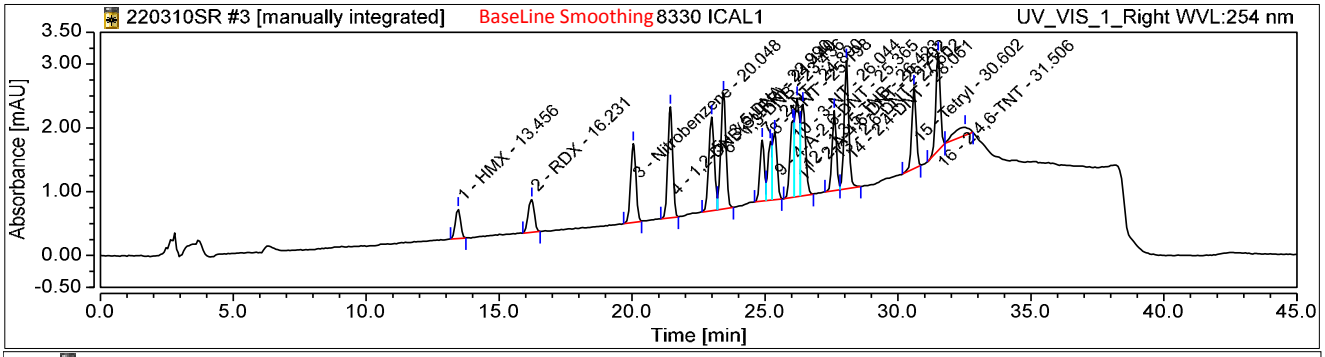
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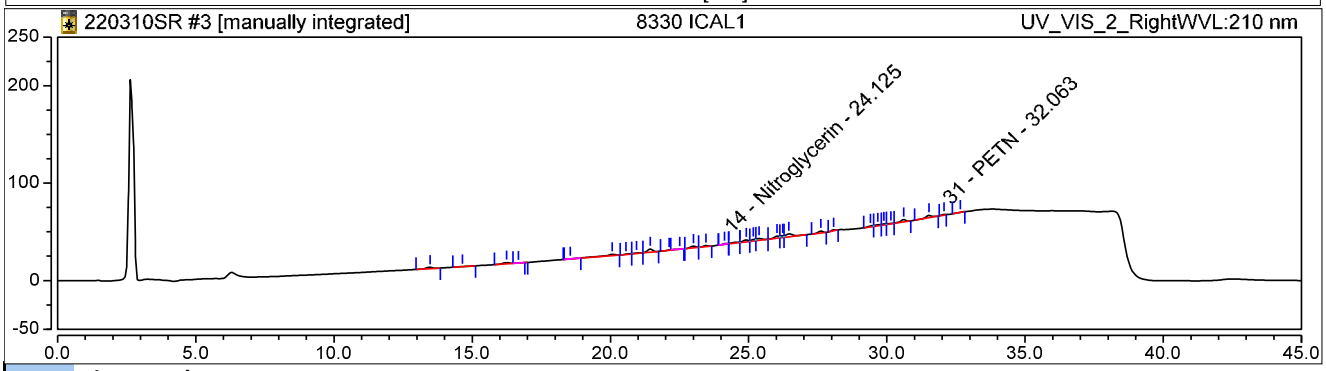
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICAL1**	*Analyst:*	**SW**
File:	**S10R003**	*Trace:*	**L017-203A**
Injection Type:	**Calibration Standard**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:	**0.05**	*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	
Processing Method:	**J11S-83301R-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 16:16**	Sequence Name:	**220310SR**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.456	0.108	0.461	2.51	2.24	0.0504
2	RDX	16.231	0.140	0.514	3.25	2.50	0.0512
3	Nitrobenzene	20.048	0.286	1.236	6.65	6.02	0.0532
4	1,2-DNB(SURR)	21.440	0.367	1.740	8.56	8.47	0.1041
5	3,5-DNA	22.990	0.356	1.466	8.29	7.14	0.0518
6	1,3-DNB	23.436	0.416	1.817	9.68	8.85	0.0530
7	2-NT	24.890	0.180	0.957	4.19	4.66	0.0532
8	4-NT	25.198	0.156	0.922	3.62	4.49	0.0534
9	4-A-2,6-DNT	25.365	0.210	1.061	4.90	5.17	0.0515
10	3-NT	26.044	0.211	1.202	4.92	5.85	0.0547
11	2-A-4,6-DNT	26.202	0.307	1.542	7.14	7.51	0.0490
12	1,3,5-TNB	26.423	0.304	1.436	7.08	6.99	0.0532
13	2,6-DNT	27.602	0.236	1.251	5.50	6.09	0.0648
14	2,4-DNT	28.061	0.399	2.007	9.29	9.77	0.0528
15	Tetryl	30.602	0.236	1.277	5.49	6.22	0.0514
16	2,4,6-TNT	31.506	0.287	1.520	6.68	7.40	0.0512
Total:			**4.197**	**20.409**	**97.75**	**99.38**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
14	Nitroglycerin	24.125	0.081	0.551	0.85	1.41	0.0572
31	PETN	32.063	0.102	0.713	1.08	1.83	0.0513
Total:			**0.183**	**1.264**	**1.93**	**3.24**	

Manual Integrations Reasons in Red

By Shaun West at 10:52 am, Oct 13, 2022

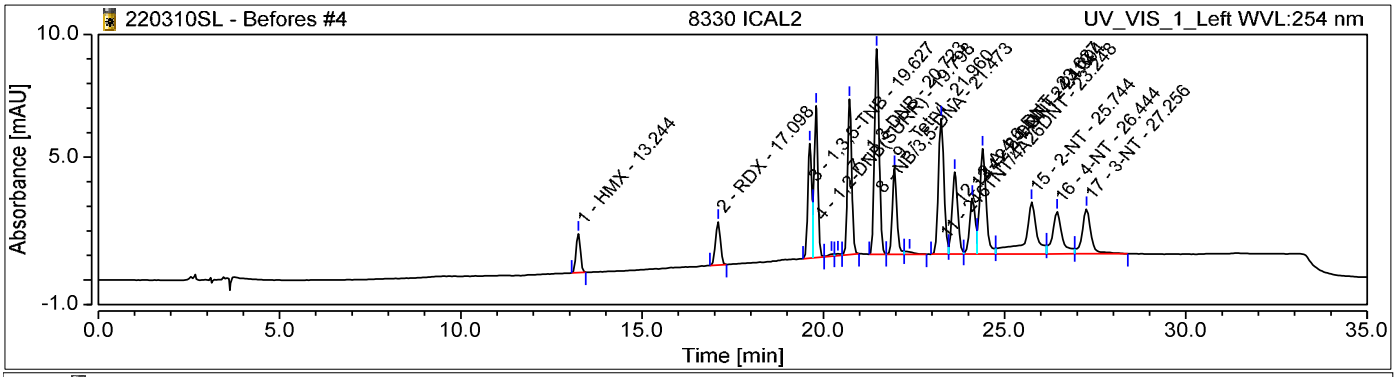
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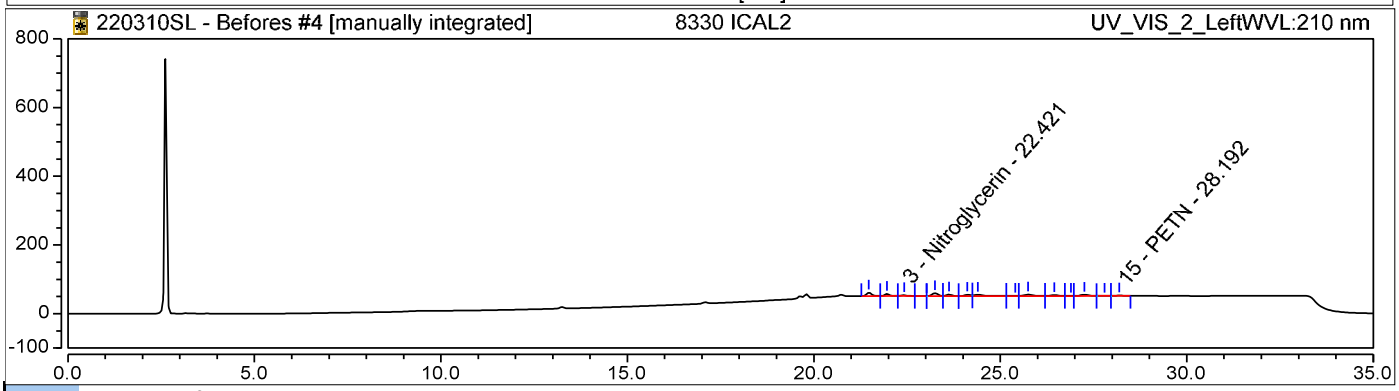
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICAL2**	*Analyst:*	**SW**
File Number:	**S10L004**	*Trace:*	**L017-203B**
Injection Type:	**Calibration Standard**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:	**0.1**	*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	
Processing Method:	**J11S-8330L-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 16:51**	*Sample Weight:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.244	0.220	1.579	2.40	2.94	0.1011
2	RDX	17.098	0.274	1.756	2.98	3.27	0.1028
3	1,3,5-TNB	19.627	0.580	4.669	6.31	8.69	0.1016
4	1,2-DNB(SURR)	19.798	0.737	6.178	8.02	11.50	0.2003
7	1,3-DNB	20.723	0.830	6.333	9.03	11.79	0.1044
8	NB/3,5-DNA	21.473	1.255	8.364	13.66	15.57	0.1035
9	Tetryl	21.960	0.498	3.499	5.42	6.51	0.1107
11	246TNT/4A26DNT	23.248	0.986	5.515	10.74	10.26	0.1032
12	2-A-4,6-DNT	23.627	0.607	3.337	6.61	6.21	0.1059
13	2,6-DNT	24.110	0.410	2.287	4.46	4.26	0.1134
14	2,4-DNT	24.394	0.869	4.284	9.46	7.97	0.1158
15	2-NT	25.744	0.818	2.111	8.91	3.93	0.2345
16	4-NT	26.444	0.523	1.715	5.70	3.19	0.1728
17	3-NT	27.256	0.516	1.823	5.62	3.39	0.1360
Total:			**9.124**	**53.448**	**99.31**	**99.48**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	Nitroglycerin	22.421	0.278	1.921	2.72	3.75	0.0952
15	PETN	28.192	0.252	1.080	2.47	2.11	0.1008
Total:			**0.531**	**3.001**	**5.19**	**5.86**	

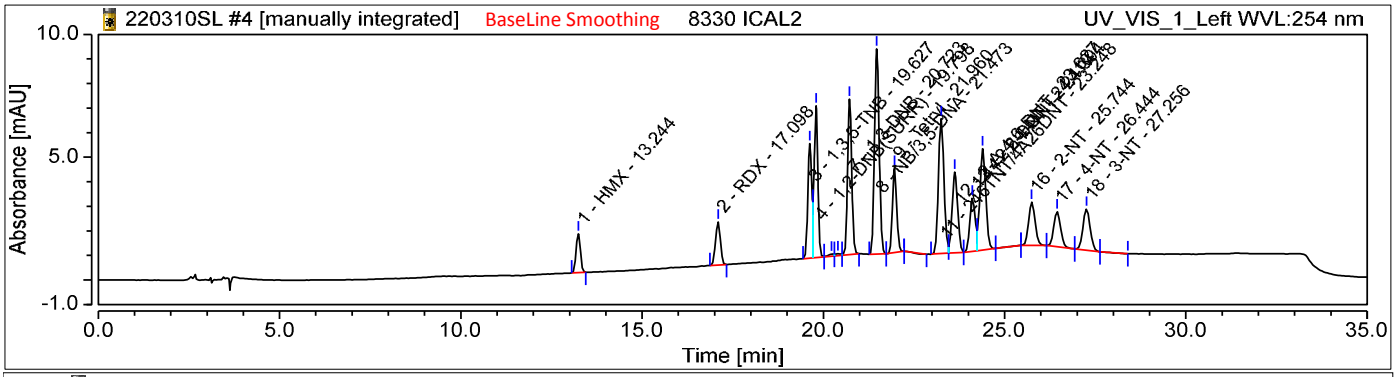
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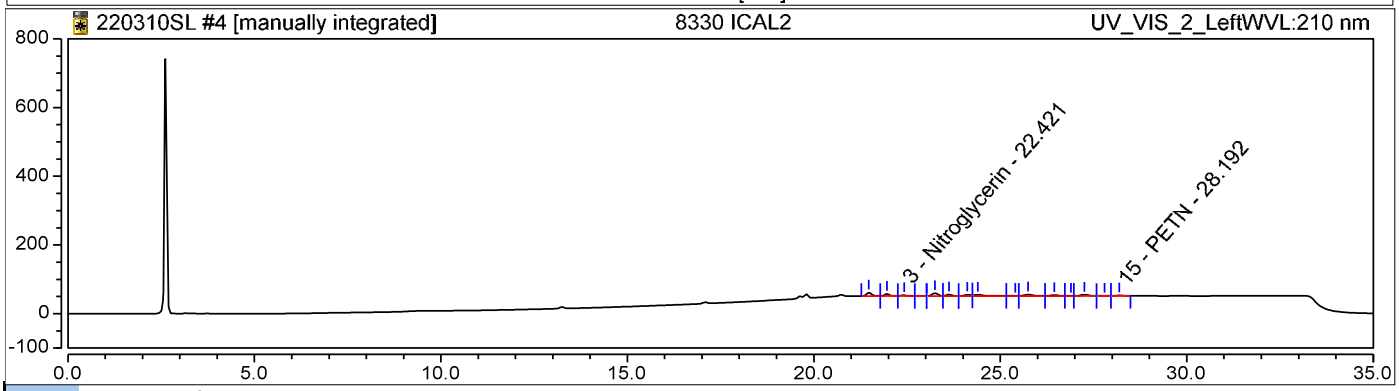
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICAL2**	*Analyst:*	**SW**
File Number:	**S10L004**	*Trace:*	**L017-203B**
Injection Type:	**Calibration Standard**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:	**0.1**	*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	
Processing Method:	**J11S-8330L-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 16:51**	*Sample Weight:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.244	0.220	1.579	2.69	3.01	0.1011
2	RDX	17.098	0.274	1.756	3.35	3.35	0.1028
3	1,3,5-TNB	19.627	0.580	4.669	7.09	8.91	0.1016
4	1,2-DNB(SURR)	19.798	0.737	6.178	9.01	11.79	0.2003
7	1,3-DNB	20.723	0.830	6.333	10.15	12.08	0.1044
8	NB/3,5-DNA	21.473	1.251	8.356	15.30	15.94	0.1031
9	Tetryl	21.960	0.463	3.433	5.67	6.55	0.1030
11	246TNT/4A26DNT	23.248	0.977	5.493	11.95	10.48	0.1022
12	2-A-4,6-DNT	23.627	0.584	3.285	7.15	6.27	0.1018
13	2,6-DNT	24.110	0.372	2.172	4.54	4.14	0.1027
14	2,4-DNT	24.394	0.774	4.118	9.46	7.86	0.1030
16	2-NT	25.744	0.369	1.762	4.51	3.36	0.1052
17	4-NT	26.444	0.317	1.428	3.87	2.72	0.1046
18	3-NT	27.256	0.390	1.680	4.77	3.20	0.1030
Total:			**8.138**	**52.243**	**99.52**	**99.67**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	Nitroglycerin	22.421	0.278	1.921	2.72	3.75	0.0952
15	PETN	28.192	0.252	1.080	2.47	2.11	0.1008
Total:			**0.531**	**3.001**	**5.19**	**5.86**	

Manual Integrations Reasons in Red

By Shaun West at 10:49 am, Oct 13, 2022

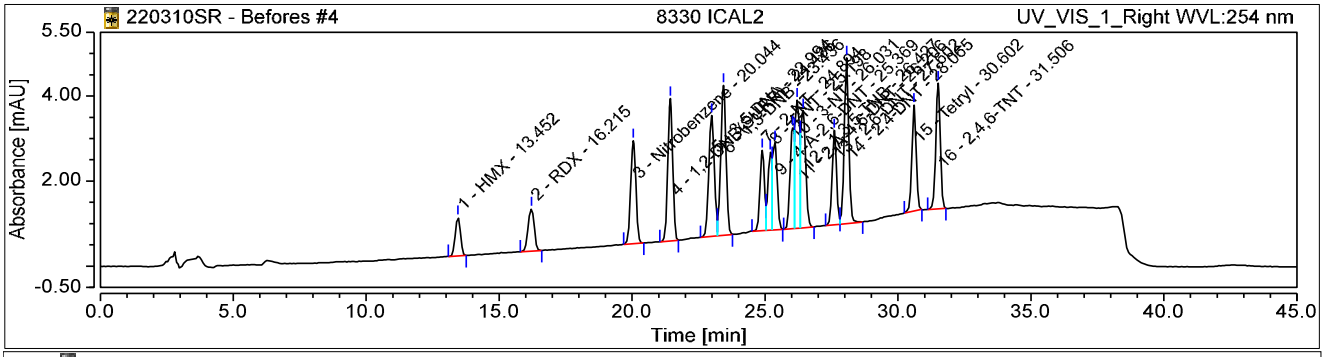
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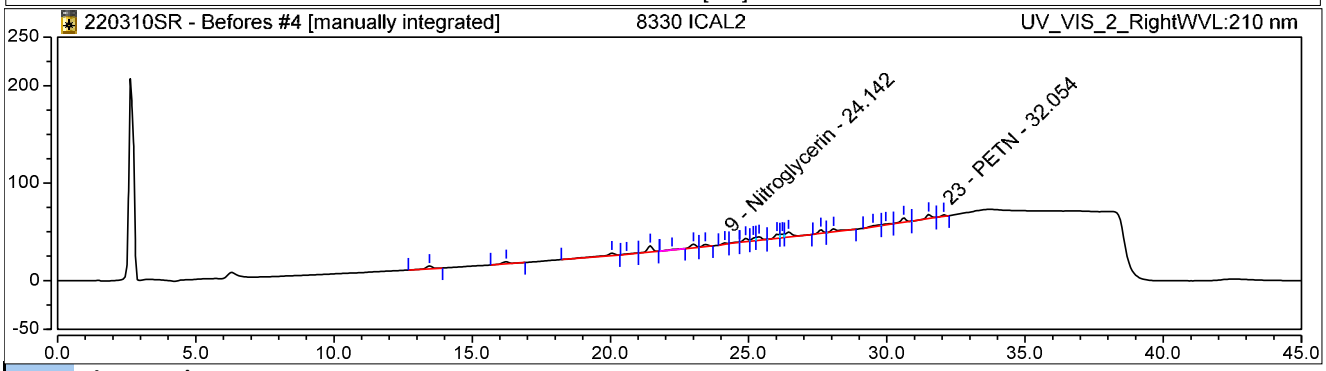
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICAL2**	*Analyst:*	**SW**
File:	**S10R004**	*Trace:*	**L017-203B**
Injection Type:	**Calibration Standard**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:	**0.1**	*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	
Processing Method:	**J11S-83301R-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 17:03**	Sequence Name:	**220310SR - Befores**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.452	0.211	0.904	2.59	2.29	0.1020
2	RDX	16.215	0.271	0.994	3.34	2.52	0.1029
3	Nitrobenzene	20.044	0.560	2.423	6.89	6.13	0.1038
4	1,2-DNB(SURR)	21.436	0.707	3.349	8.69	8.48	0.1998
5	3,5-DNA	22.994	0.694	2.845	8.53	7.20	0.1030
6	1,3-DNB	23.436	0.809	3.529	9.94	8.93	0.1036
7	2-NT	24.894	0.360	1.886	4.42	4.77	0.1042
8	4-NT	25.198	0.310	1.833	3.81	4.64	0.1038
9	4-A-2,6-DNT	25.369	0.409	2.052	5.03	5.19	0.1029
10	3-NT	26.031	0.425	2.372	5.22	6.00	0.1052
11	2-A-4,6-DNT	26.206	0.598	3.017	7.36	7.64	0.1017
12	1,3,5-TNB	26.427	0.567	2.756	6.97	6.97	0.1025
13	2,6-DNT	27.602	0.421	2.213	5.17	5.60	0.1156
14	2,4-DNT	28.065	0.770	3.896	9.47	9.86	0.1042
15	Tetryl	30.602	0.457	2.488	5.62	6.30	0.1030
16	2,4,6-TNT	31.506	0.565	2.957	6.95	7.48	0.1037
Total:			**8.133**	**39.513**	**100.00**	**100.00**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
9	Nitroglycerin	24.142	0.203	1.245	1.35	1.91	0.1035
23	PETN	32.054	0.259	1.718	1.72	2.63	0.1070
Total:			**0.462**	**2.963**	**3.07**	**4.54**	

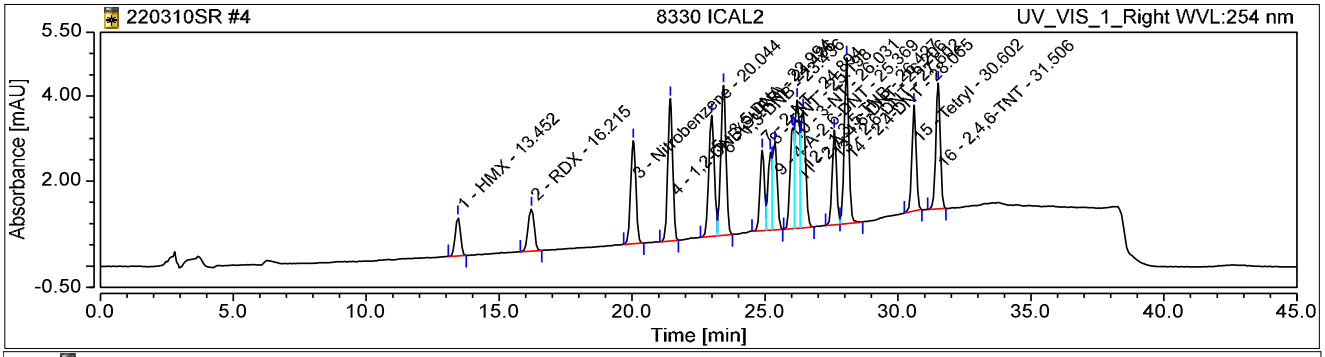
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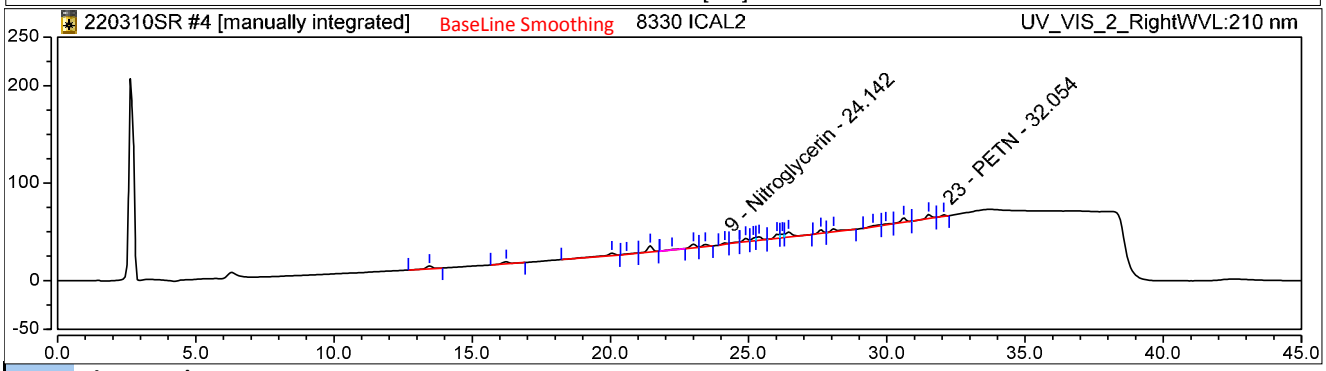
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICAL2**	*Analyst:*	**SW**
File:	**S10R004**	*Trace:*	**L017-203B**
Injection Type:	**Calibration Standard**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:	**0.1**	*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	
Processing Method:	**J11S-83301R-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 17:03**	Sequence Name:	**220310SR**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.452	0.211	0.904	2.59	2.29	0.1020
2	RDX	16.215	0.271	0.994	3.34	2.52	0.1029
3	Nitrobenzene	20.044	0.560	2.423	6.89	6.13	0.1038
4	1,2-DNB(SURR)	21.436	0.707	3.349	8.69	8.48	0.1998
5	3,5-DNA	22.994	0.694	2.845	8.53	7.20	0.1030
6	1,3-DNB	23.436	0.809	3.529	9.94	8.93	0.1036
7	2-NT	24.894	0.360	1.886	4.42	4.77	0.1042
8	4-NT	25.198	0.310	1.833	3.81	4.64	0.1038
9	4-A-2,6-DNT	25.369	0.409	2.052	5.03	5.19	0.1029
10	3-NT	26.031	0.425	2.372	5.22	6.00	0.1052
11	2-A-4,6-DNT	26.206	0.598	3.017	7.36	7.64	0.1017
12	1,3,5-TNB	26.427	0.567	2.756	6.97	6.97	0.1025
13	2,6-DNT	27.602	0.421	2.213	5.17	5.60	0.1156
14	2,4-DNT	28.065	0.770	3.896	9.47	9.86	0.1042
15	Tetryl	30.602	0.457	2.488	5.62	6.30	0.1030
16	2,4,6-TNT	31.506	0.565	2.957	6.95	7.48	0.1037
Total:			**8.133**	**39.513**	**100.00**	**100.00**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
9	Nitroglycerin	24.142	0.203	1.245	1.35	1.91	0.1035
23	PETN	32.054	0.259	1.718	1.72	2.63	0.1070
Total:			**0.462**	**2.963**	**3.07**	**4.54**	

Manual Integrations Reasons in Red

By Shaun West at 10:52 am, Oct 13, 2022

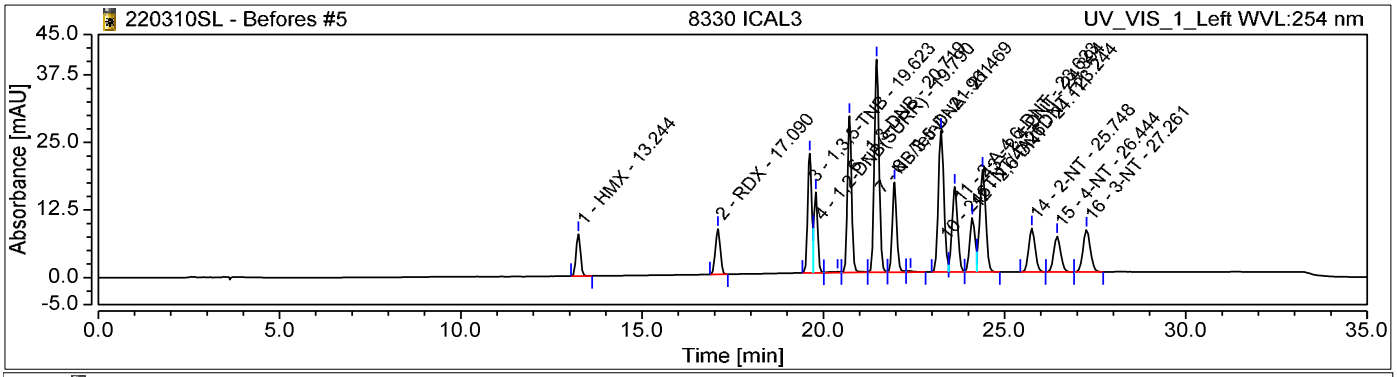
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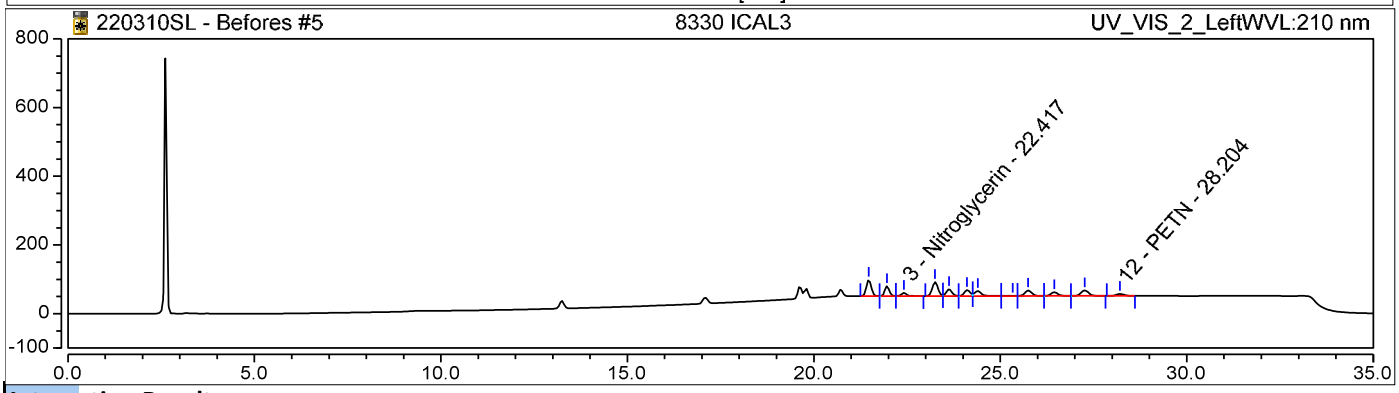
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICAL3**	*Analyst:*	**SW**
File Number:	**S10L005**	*Trace:*	**L017-203C**
Injection Type:	**Calibration Standard**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:	**0.5**	*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	
Processing Method:	**J11S-8330L-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 17:33**	*Sample Weight:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.244	1.092	7.736	2.95	3.34	0.5168
2	RDX	17.090	1.312	8.391	3.55	3.62	0.5036
3	1,3,5-TNB	19.623	2.827	22.065	7.64	9.52	0.4908
4	1,2-DNB(SURR)	19.790	1.758	14.902	4.75	6.43	0.5032
6	1,3-DNB	20.719	3.859	28.966	10.43	12.50	0.4926
7	NB/3,5-DNA	21.469	5.950	39.421	16.08	17.01	0.4953
8	Tetryl	21.961	2.313	16.649	6.25	7.18	0.5159
10	246TNT/4A26DNT	23.244	4.668	26.130	12.62	11.27	0.4991
11	2-A-4,6-DNT	23.623	2.830	15.744	7.65	6.79	0.4998
12	2,6-DNT	24.111	1.723	10.038	4.66	4.33	0.4805
13	2,4-DNT	24.394	3.594	18.907	9.72	8.16	0.4821
14	2-NT	25.748	1.669	8.053	4.51	3.47	0.4793
15	4-NT	26.444	1.452	6.610	3.93	2.85	0.4793
16	3-NT	27.261	1.831	7.804	4.95	3.37	0.4801
Total:			**36.879**	**231.416**	**99.69**	**99.84**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	Nitroglycerin	22.417	1.456	9.248	3.55	4.07	0.5138
12	PETN	28.204	1.425	5.651	3.48	2.49	0.4959
Total:			**2.880**	**14.899**	**7.02**	**6.55**	

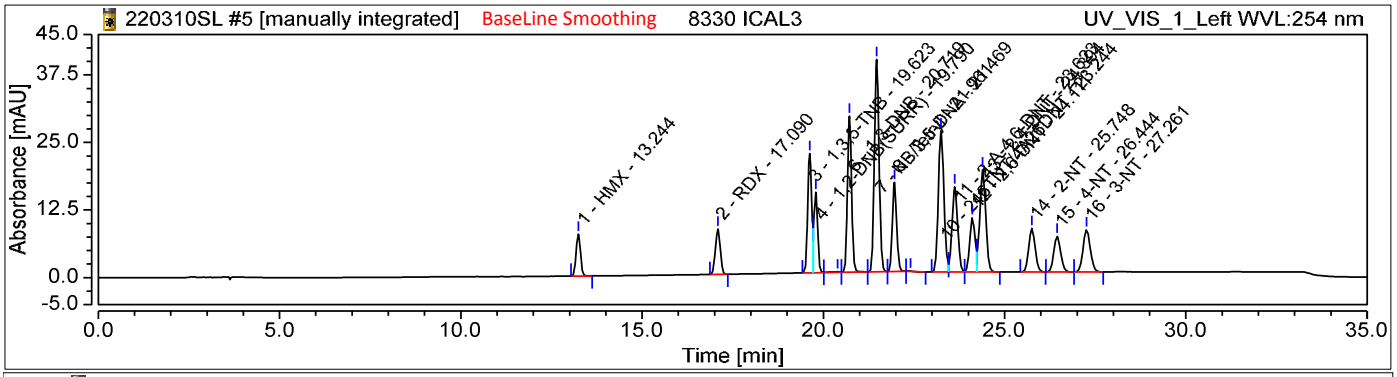
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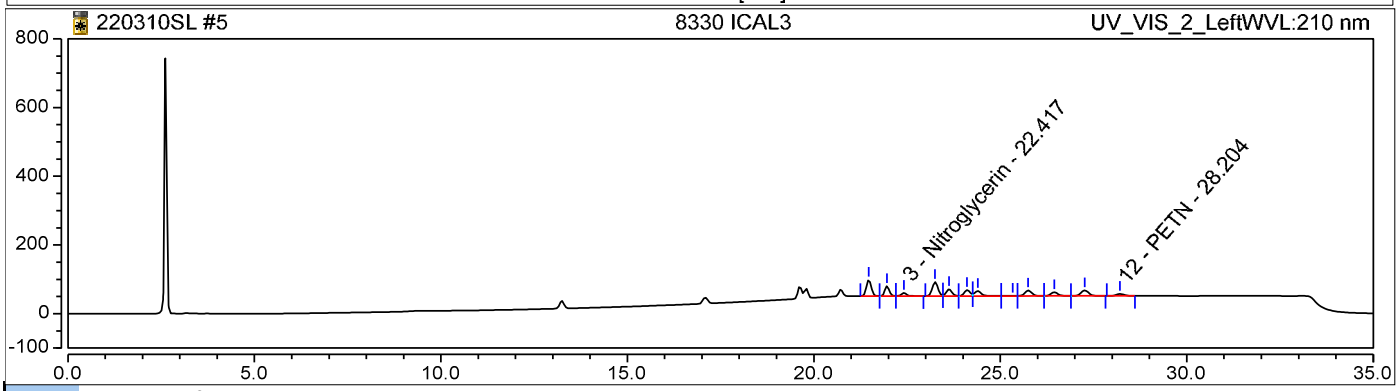
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICAL3**	*Analyst:*	**SW**
File Number:	**S10L005**	*Trace:*	**L017-203C**
Injection Type:	**Calibration Standard**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:	**0.5**	*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	
Processing Method:	**J11S-8330L-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 17:33**	*Sample Weight:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.244	1.092	7.736	2.98	3.35	0.5168
2	RDX	17.090	1.312	8.391	3.57	3.63	0.5036
3	1,3,5-TNB	19.623	2.825	22.054	7.69	9.54	0.4904
4	1,2-DNB(SURR)	19.790	1.752	14.882	4.77	6.44	0.5011
6	1,3-DNB	20.719	3.803	28.896	10.36	12.50	0.4854
7	NB/3,5-DNA	21.469	5.886	39.308	16.03	17.00	0.4900
8	Tetryl	21.961	2.235	16.499	6.09	7.14	0.4985
10	246TNT/4A26DNT	23.244	4.668	26.130	12.71	11.30	0.4991
11	2-A-4,6-DNT	23.623	2.830	15.744	7.71	6.81	0.4998
12	2,6-DNT	24.111	1.723	10.038	4.69	4.34	0.4805
13	2,4-DNT	24.394	3.594	18.907	9.79	8.18	0.4821
14	2-NT	25.748	1.669	8.053	4.55	3.48	0.4793
15	4-NT	26.444	1.452	6.610	3.96	2.86	0.4793
16	3-NT	27.261	1.831	7.804	4.99	3.37	0.4801
Total:			**36.673**	**231.053**	**99.88**	**99.92**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	Nitroglycerin	22.417	1.456	9.248	3.55	4.07	0.5138
12	PETN	28.204	1.425	5.651	3.48	2.49	0.4959
Total:			**2.880**	**14.899**	**7.02**	**6.55**	

Manual Integrations Reasons in Red

By Shaun West at 10:50 am, Oct 13, 2022

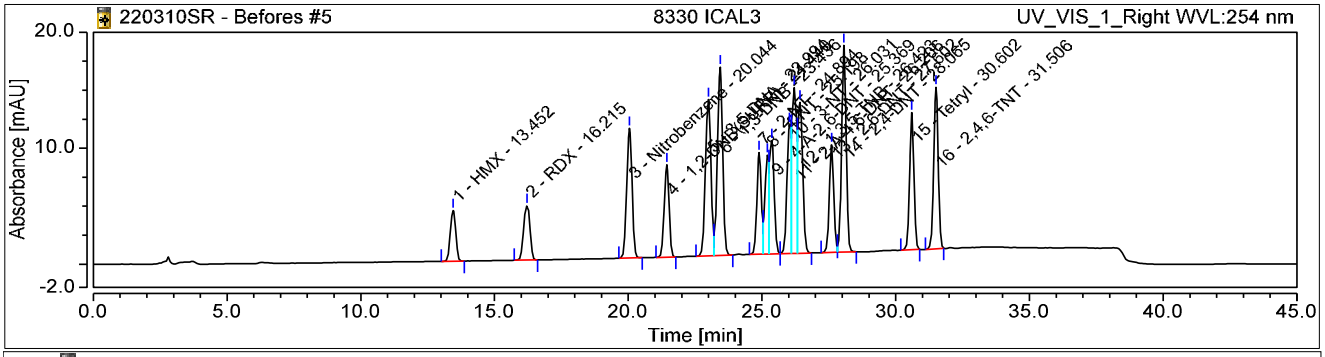
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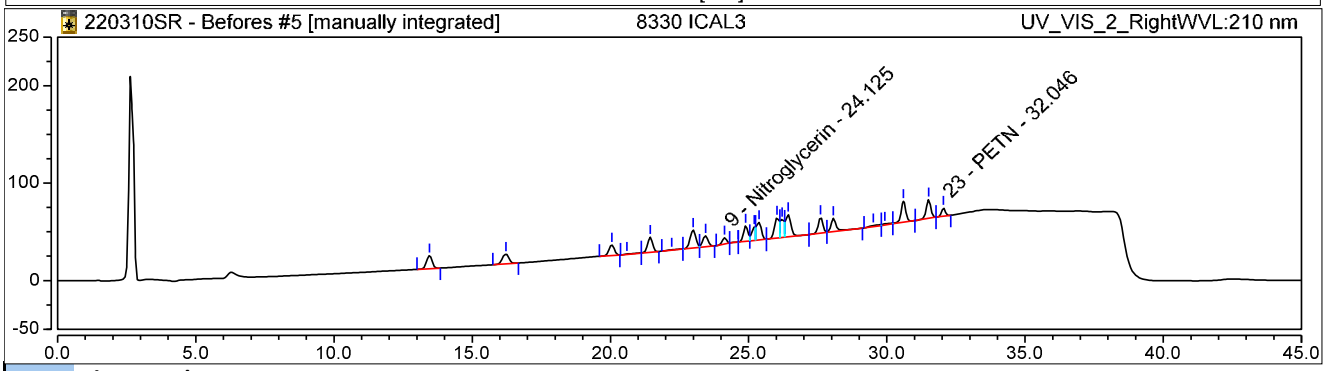
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICAL3**	*Analyst:*	**SW**
File:	**S10R005**	*Trace:*	**L017-203C**
Injection Type:	**Calibration Standard**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:	**0.5**	*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	
Processing Method:	**J11S-83301R-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 17:50**	Sequence Name:	**220310SR - Befores**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.452	1.032	4.363	2.84	2.48	0.5143
2	RDX	16.215	1.290	4.682	3.55	2.66	0.5033
3	Nitrobenzene	20.044	2.600	11.173	7.16	6.34	0.4796
4	1,2-DNB(SURR)	21.440	1.689	7.966	4.65	4.52	0.4767
5	3,5-DNA	22.994	3.296	13.482	9.08	7.65	0.4975
6	1,3-DNB	23.436	3.744	16.251	10.31	9.23	0.4816
7	2-NT	24.894	1.681	8.741	4.63	4.96	0.4787
8	4-NT	25.198	1.448	8.510	3.99	4.83	0.4759
9	4-A-2,6-DNT	25.369	1.946	9.749	5.36	5.54	0.5011
10	3-NT	26.031	1.910	11.093	5.26	6.30	0.4567
11	2-A-4,6-DNT	26.206	2.937	14.300	8.09	8.12	0.5235
12	1,3,5-TNB	26.423	2.645	13.015	7.28	7.39	0.4925
13	2,6-DNT	27.602	1.787	9.266	4.92	5.26	0.4907
14	2,4-DNT	28.065	3.499	17.802	9.63	10.11	0.4811
15	Tetryl	30.602	2.165	11.811	5.96	6.71	0.5004
16	2,4,6-TNT	31.506	2.649	13.929	7.29	7.91	0.4972
Total:			**36.318**	**176.133**	**100.00**	**100.00**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
9	Nitroglycerin	24.125	1.100	6.459	1.91	2.32	0.4432
23	PETN	32.046	1.302	8.460	2.26	3.04	0.4764
Total:			**2.402**	**14.918**	**4.16**	**5.36**	

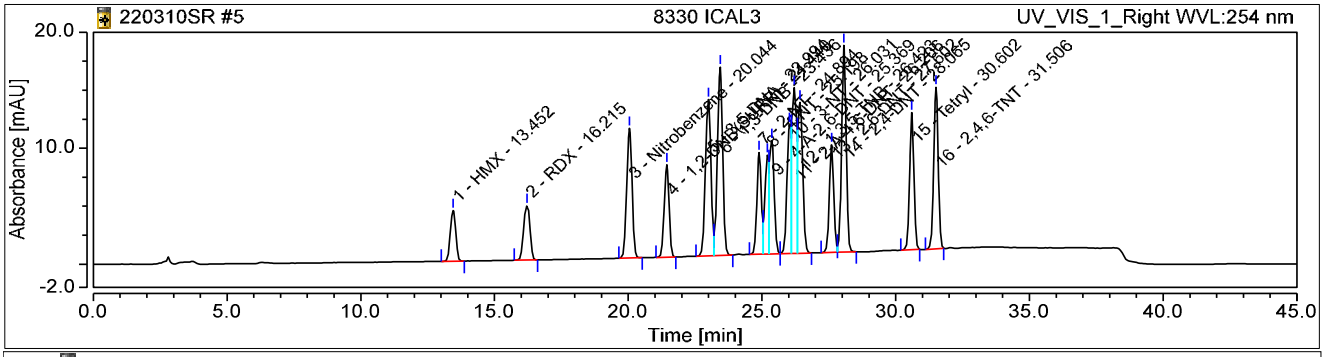
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Chromeleon 7.3.0.60919

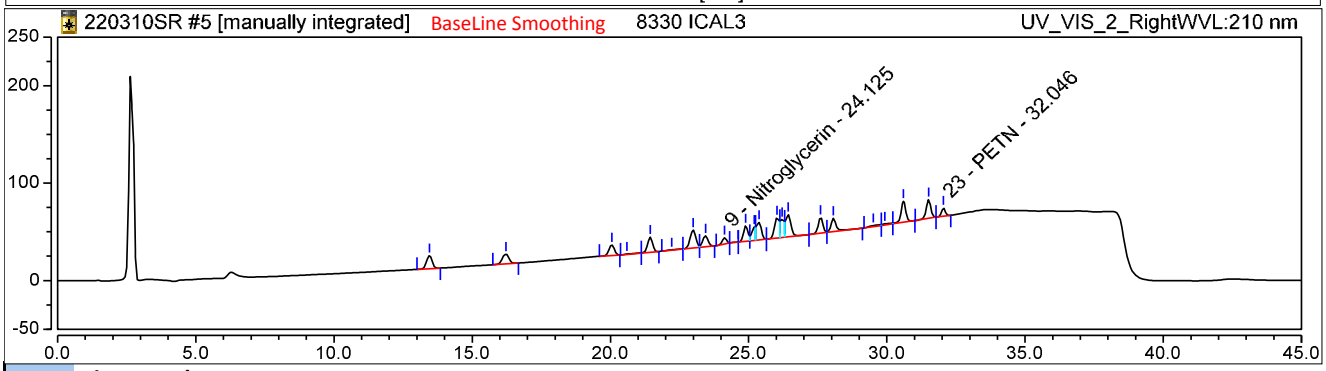
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICAL3**	*Analyst:*	**SW**
File:	**S10R005**	*Trace:*	**L017-203C**
Injection Type:	**Calibration Standard**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:	**0.5**	*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	
Processing Method:	**J11S-83301R-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 17:50**	Sequence Name:	**220310SR**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.452	1.032	4.363	2.84	2.48	0.5143
2	RDX	16.215	1.290	4.682	3.55	2.66	0.5033
3	Nitrobenzene	20.044	2.600	11.173	7.16	6.34	0.4796
4	1,2-DNB(SURR)	21.440	1.689	7.966	4.65	4.52	0.4767
5	3,5-DNA	22.994	3.296	13.482	9.08	7.65	0.4975
6	1,3-DNB	23.436	3.744	16.251	10.31	9.23	0.4816
7	2-NT	24.894	1.681	8.741	4.63	4.96	0.4787
8	4-NT	25.198	1.448	8.510	3.99	4.83	0.4759
9	4-A-2,6-DNT	25.369	1.946	9.749	5.36	5.54	0.5011
10	3-NT	26.031	1.910	11.093	5.26	6.30	0.4567
11	2-A-4,6-DNT	26.206	2.937	14.300	8.09	8.12	0.5235
12	1,3,5-TNB	26.423	2.645	13.015	7.28	7.39	0.4925
13	2,6-DNT	27.602	1.787	9.266	4.92	5.26	0.4907
14	2,4-DNT	28.065	3.499	17.802	9.63	10.11	0.4811
15	Tetryl	30.602	2.165	11.811	5.96	6.71	0.5004
16	2,4,6-TNT	31.506	2.649	13.929	7.29	7.91	0.4972
Total:			**36.318**	**176.133**	**100.00**	**100.00**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
9	Nitroglycerin	24.125	1.100	6.459	1.91	2.32	0.4432
23	PETN	32.046	1.302	8.460	2.26	3.04	0.4764
Total:			**2.402**	**14.918**	**4.16**	**5.36**	

Manual Integrations Reasons in Red

By Shaun West at 10:53 am, Oct 13, 2022

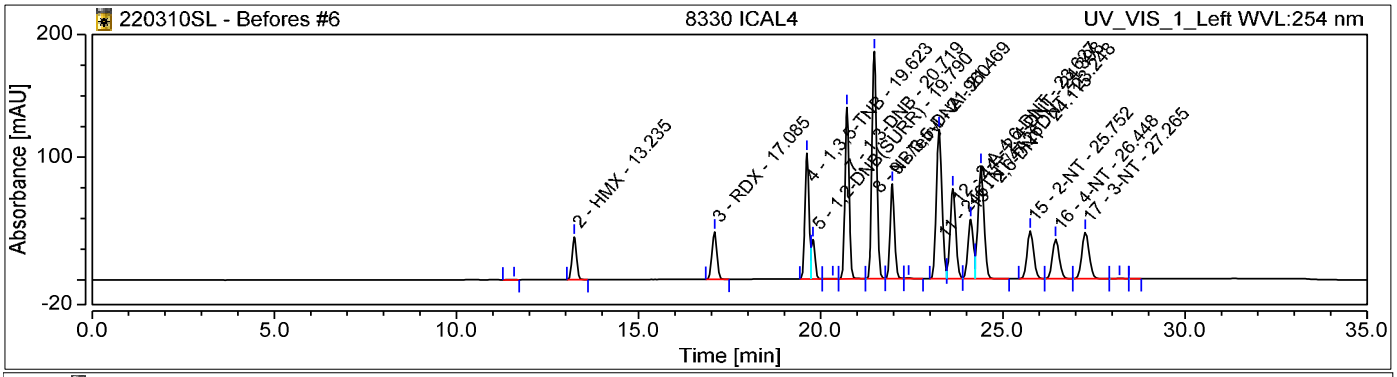
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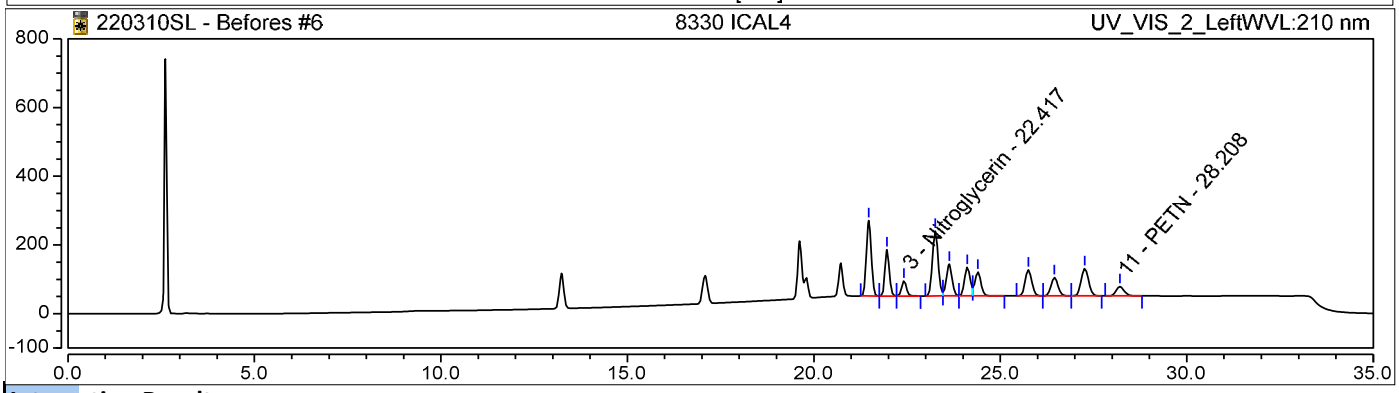
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICAL4**	*Analyst:*	**SW**
File Number:	**S10L006**	*Trace:*	**L017-203D**
Injection Type:	**Calibration Standard**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:	**2.5**	*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	
Processing Method:	**J11S-8330L-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 18:15**	*Sample Weight:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
2	HMX	13.235	4.924	34.708	2.91	3.29	2.3428
3	RDX	17.085	6.052	38.587	3.57	3.66	2.3344
4	1,3,5-TNB	19.623	13.416	102.316	7.92	9.71	2.3248
5	1,2-DNB(SURR)	19.790	3.565	32.094	2.10	3.04	1.0386
7	1,3-DNB	20.719	18.251	139.618	10.77	13.24	2.3370
8	NB/3,5-DNA	21.469	27.935	185.027	16.49	17.55	2.3304
9	Tetryl	21.960	10.517	77.099	6.21	7.31	2.3470
11	246TNT/4A26DNT	23.248	21.727	121.491	12.82	11.52	2.3336
12	2-A-4,6-DNT	23.627	13.145	73.202	7.76	6.94	2.3286
13	2,6-DNT	24.115	8.325	48.314	4.91	4.58	2.3252
14	2,4-DNT	24.398	17.289	91.428	10.20	8.67	2.3231
15	2-NT	25.752	8.057	38.918	4.76	3.69	2.3169
16	4-NT	26.448	7.029	32.013	4.15	3.04	2.3187
17	3-NT	27.265	8.864	37.903	5.23	3.60	2.3202
Total:			**169.097**	**1052.718**	**99.80**	**99.86**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	Nitroglycerin	22.417	6.690	43.884	3.53	4.11	2.3752
11	PETN	28.208	6.881	26.940	3.63	2.52	2.3346
Total:			**13.571**	**70.824**	**7.17**	**6.63**	

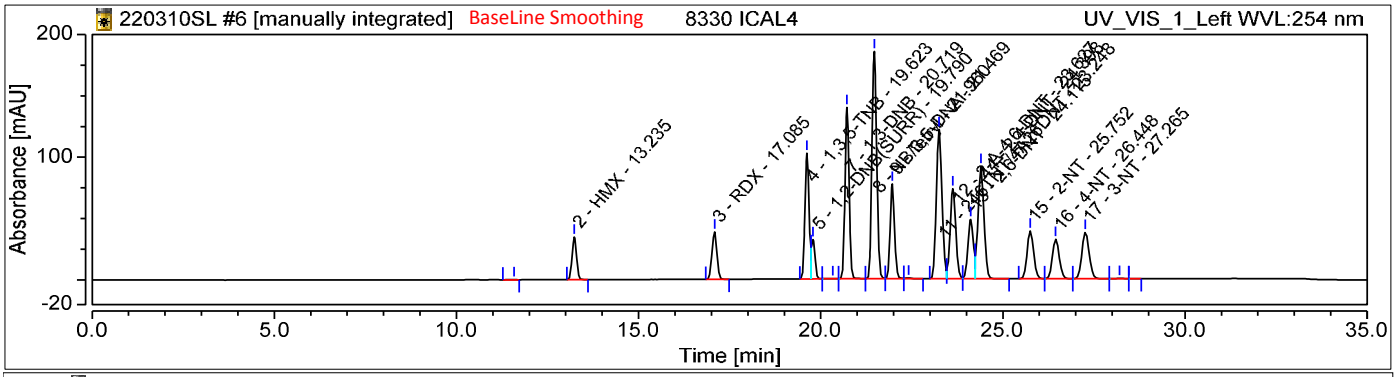
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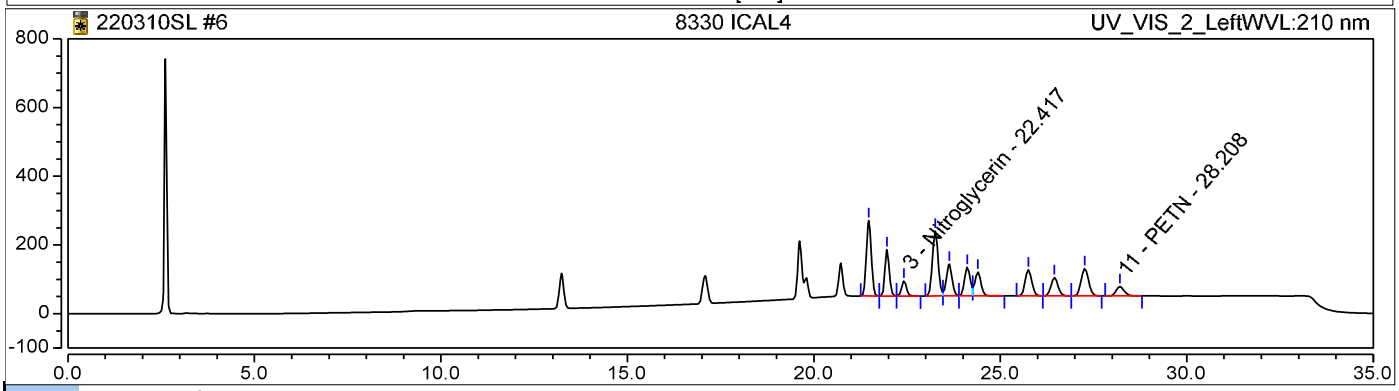
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICAL4**	*Analyst:*	**SW**
File Number:	**S10L006**	*Trace:*	**L017-203D**
Injection Type:	**Calibration Standard**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:	**2.5**	*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	
Processing Method:	**J11S-8330L-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 18:15**	*Sample Weight:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
2	HMX	13.235	4.924	34.708	2.91	3.29	2.3428
3	RDX	17.085	6.052	38.587	3.58	3.66	2.3344
4	1,3,5-TNB	19.623	13.412	102.299	7.93	9.71	2.3241
5	1,2-DNB(SURR)	19.790	3.553	32.063	2.10	3.04	1.0352
7	1,3-DNB	20.719	18.163	139.510	10.74	13.24	2.3257
8	NB/3,5-DNA	21.469	27.867	184.900	16.47	17.55	2.3247
9	Tetryl	21.960	10.479	77.019	6.19	7.31	2.3385
11	246TNT/4A26DNT	23.248	21.727	121.491	12.84	11.53	2.3336
12	2-A-4,6-DNT	23.627	13.145	73.202	7.77	6.95	2.3286
13	2,6-DNT	24.115	8.325	48.314	4.92	4.59	2.3252
14	2,4-DNT	24.398	17.289	91.428	10.22	8.68	2.3231
15	2-NT	25.752	8.057	38.918	4.76	3.69	2.3169
16	4-NT	26.448	7.029	32.013	4.15	3.04	2.3187
17	3-NT	27.265	8.864	37.903	5.24	3.60	2.3202
Total:			**168.888**	**1052.356**	**99.82**	**99.87**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	Nitroglycerin	22.417	6.690	43.884	3.53	4.11	2.3752
11	PETN	28.208	6.881	26.940	3.63	2.52	2.3346
Total:			**13.571**	**70.824**	**7.17**	**6.63**	

Manual Integrations Reasons in Red

By Shaun West at 10:50 am, Oct 13, 2022

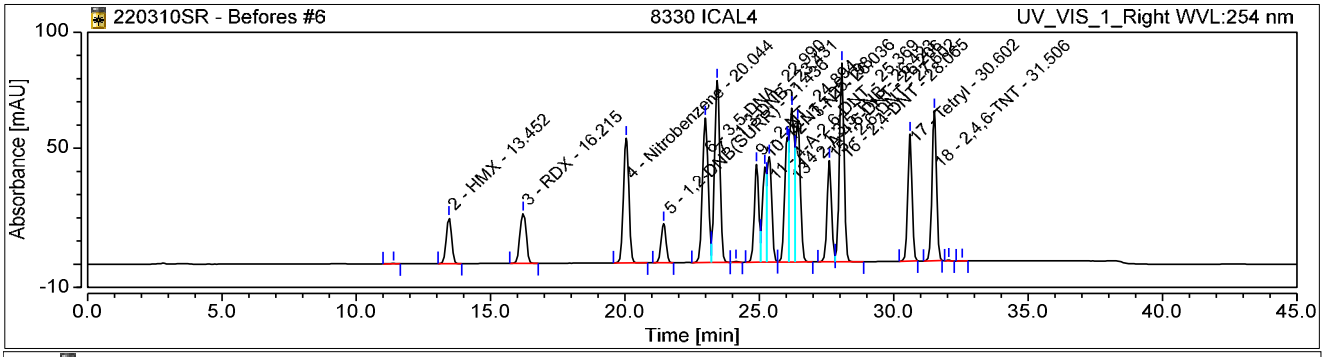
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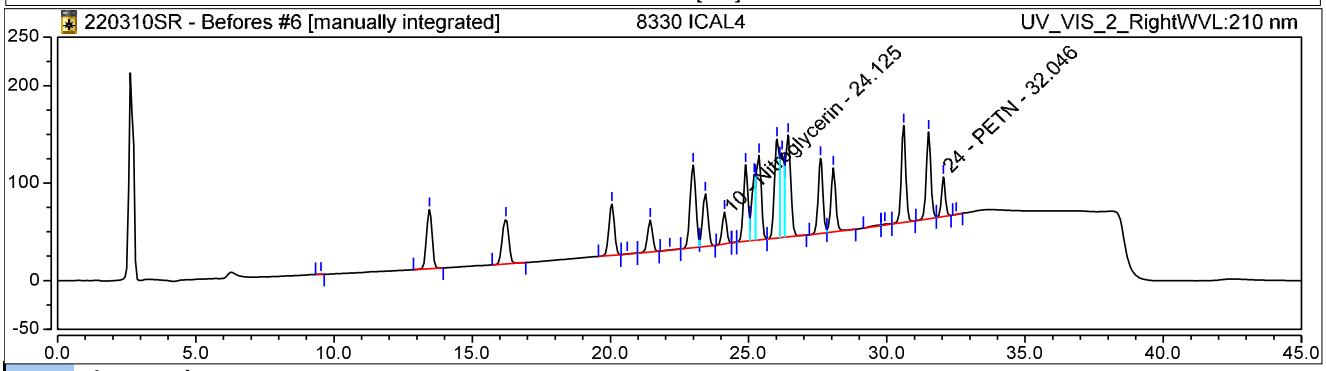
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICAL4**	*Analyst:*	**SW**
File:	**S10R006**	*Trace:*	**L017-203D**
Injection Type:	**Calibration Standard**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:	**2.5**	*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	
Processing Method:	**J11S-83301R-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 18:37**	Sequence Name:	**220310SR - Befores**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
2	HMX	13.452	4.650	19.671	2.78	2.43	2.3308
3	RDX	16.215	5.932	21.500	3.55	2.65	2.3267
4	Nitrobenzene	20.044	12.572	53.802	7.52	6.63	2.3167
5	1,2-DNB(SURR)	21.436	3.568	16.840	2.13	2.08	1.0067
6	3,5-DNA	22.990	15.332	62.282	9.17	7.68	2.3220
7	1,3-DNB	23.431	18.050	78.297	10.79	9.66	2.3239
9	2-NT	24.894	8.132	42.177	4.86	5.20	2.3075
10	4-NT	25.198	7.138	41.014	4.27	5.06	2.3357
11	4-A-2,6-DNT	25.369	8.958	45.446	5.36	5.60	2.3179
12	3-NT	26.036	9.378	53.331	5.61	6.58	2.2241
13	2-A-4,6-DNT	26.206	13.474	66.409	8.06	8.19	2.4241
14	1,3,5-TNB	26.423	12.277	60.408	7.34	7.45	2.3001
15	2,6-DNT	27.602	8.467	43.625	5.06	5.38	2.3258
16	2,4-DNT	28.065	16.821	85.647	10.06	10.56	2.3215
17	Tetryl	30.602	10.012	54.803	5.99	6.76	2.3270
18	2,4,6-TNT	31.506	12.324	64.693	7.37	7.98	2.3237
Total:			**167.086**	**809.946**	**99.89**	**99.88**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
10	Nitroglycerin	24.125	5.977	32.855	2.32	2.60	2.2897
24	PETN	32.046	6.573	40.671	2.55	3.22	2.3437
Total:			**12.550**	**73.526**	**4.86**	**5.81**	

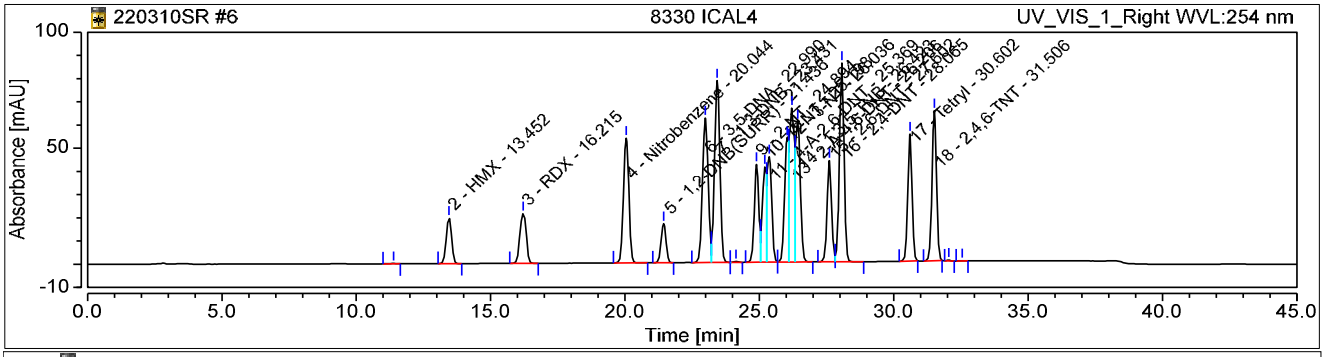
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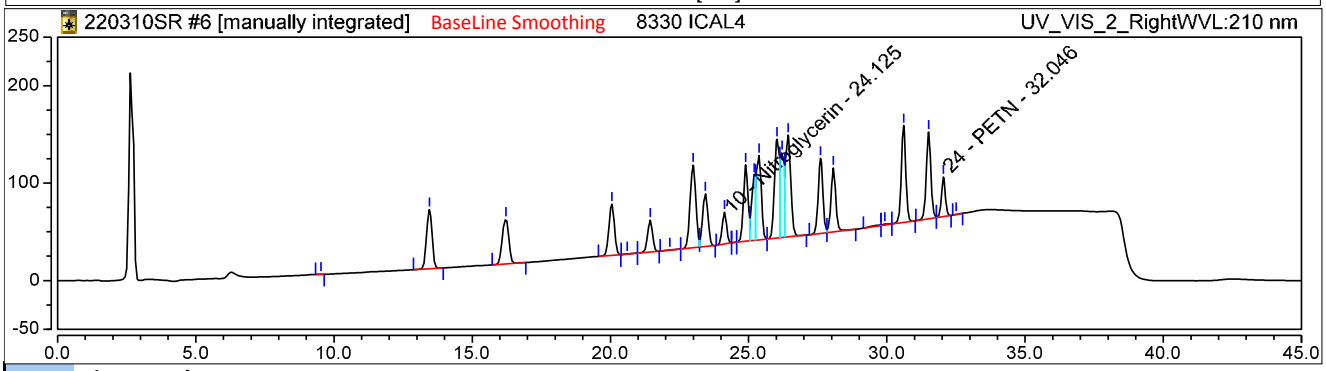
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICAL4**	*Analyst:*	**SW**
File:	**S10R006**	*Trace:*	**L017-203D**
Injection Type:	**Calibration Standard**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:	**2.5**	*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	
Processing Method:	**J11S-83301R-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 18:37**	Sequence Name:	**220310SR**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
2	HMX	13.452	4.650	19.671	2.78	2.43	2.3308
3	RDX	16.215	5.932	21.500	3.55	2.65	2.3267
4	Nitrobenzene	20.044	12.572	53.802	7.52	6.63	2.3167
5	1,2-DNB(SURR)	21.436	3.568	16.840	2.13	2.08	1.0067
6	3,5-DNA	22.990	15.332	62.282	9.17	7.68	2.3220
7	1,3-DNB	23.431	18.050	78.297	10.79	9.66	2.3239
9	2-NT	24.894	8.132	42.177	4.86	5.20	2.3075
10	4-NT	25.198	7.138	41.014	4.27	5.06	2.3357
11	4-A-2,6-DNT	25.369	8.958	45.446	5.36	5.60	2.3179
12	3-NT	26.036	9.378	53.331	5.61	6.58	2.2241
13	2-A-4,6-DNT	26.206	13.474	66.409	8.06	8.19	2.4241
14	1,3,5-TNB	26.423	12.277	60.408	7.34	7.45	2.3001
15	2,6-DNT	27.602	8.467	43.625	5.06	5.38	2.3258
16	2,4-DNT	28.065	16.821	85.647	10.06	10.56	2.3215
17	Tetryl	30.602	10.012	54.803	5.99	6.76	2.3270
18	2,4,6-TNT	31.506	12.324	64.693	7.37	7.98	2.3237
Total:			**167.086**	**809.946**	**99.89**	**99.88**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
10	Nitroglycerin	24.125	5.977	32.855	2.32	2.60	2.2897
24	PETN	32.046	6.573	40.671	2.55	3.22	2.3437
Total:			**12.550**	**73.526**	**4.86**	**5.81**	

Manual Integrations Reasons in Red

By Shaun West at 10:53 am, Oct 13, 2022

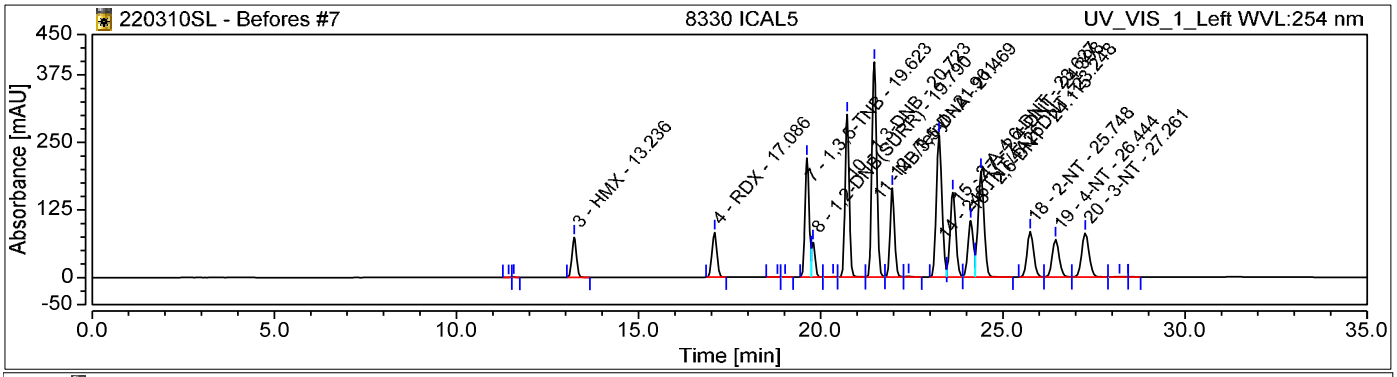
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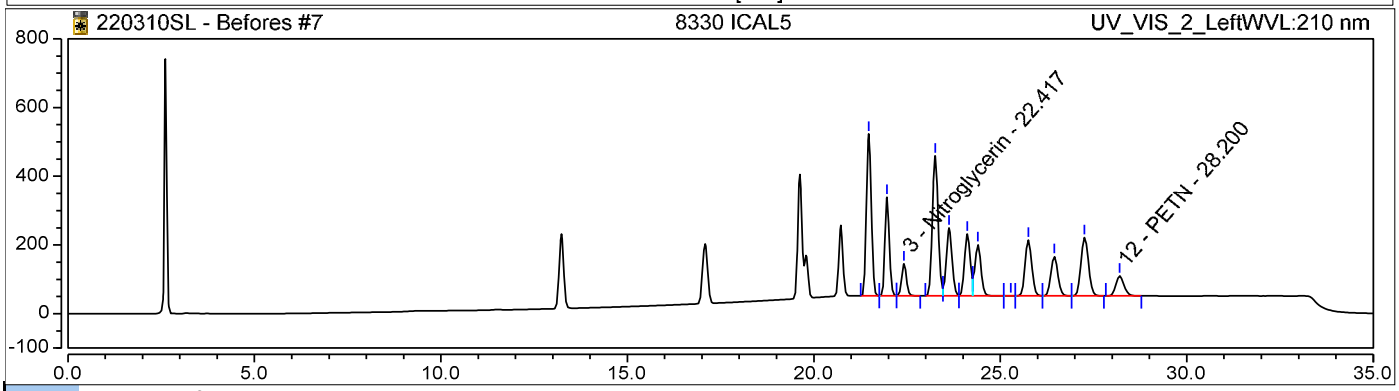
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICAL5**	*Analyst:*	**SW**
File Number:	**S10L007**	*Trace:*	**L017-203E**
Injection Type:	**Calibration Standard**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:	**5.0**	*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	
Processing Method:	**J11S-8330L-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 18:57**	*Sample Weight:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	HMX	13.236	10.585	73.812	2.90	3.27	5.0408
4	RDX	17.086	13.016	82.540	3.57	3.65	5.0241
7	1,3,5-TNB	19.623	28.924	220.363	7.94	9.75	5.0107
8	1,2-DNB(SURR)	19.790	7.040	64.122	1.93	2.84	2.0689
10	1,3-DNB	20.723	39.244	300.529	10.77	13.30	5.0272
11	NB/3,5-DNA	21.469	60.212	397.697	16.52	17.60	5.0245
12	Tetryl	21.961	22.580	164.641	6.20	7.28	5.0397
14	246TNT/4A26DNT	23.248	46.823	262.095	12.85	11.60	5.0325
15	2-A-4,6-DNT	23.627	28.328	156.273	7.77	6.91	5.0201
16	2,6-DNT	24.115	17.942	104.126	4.92	4.61	5.0126
17	2,4-DNT	24.398	37.324	196.098	10.24	8.68	5.0165
18	2-NT	25.748	17.421	83.961	4.78	3.71	5.0103
19	4-NT	26.444	15.196	69.096	4.17	3.06	5.0122
20	3-NT	27.261	19.162	81.424	5.26	3.60	5.0146
Total:			**363.800**	**2256.777**	**99.82**	**99.85**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	Nitroglycerin	22.417	14.108	93.394	3.46	4.08	5.0135
12	PETN	28.200	14.843	57.910	3.64	2.53	5.0177
Total:			**28.951**	**151.304**	**7.10**	**6.60**	

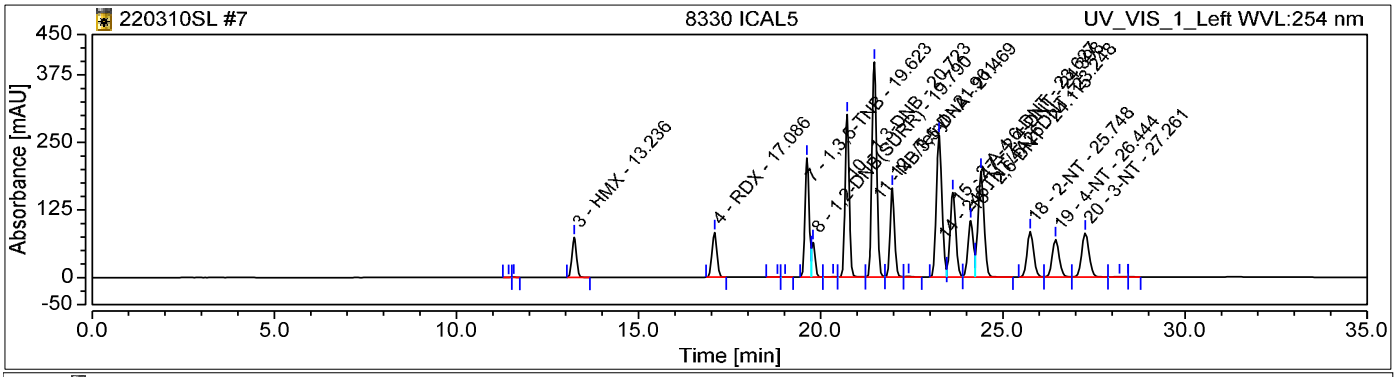
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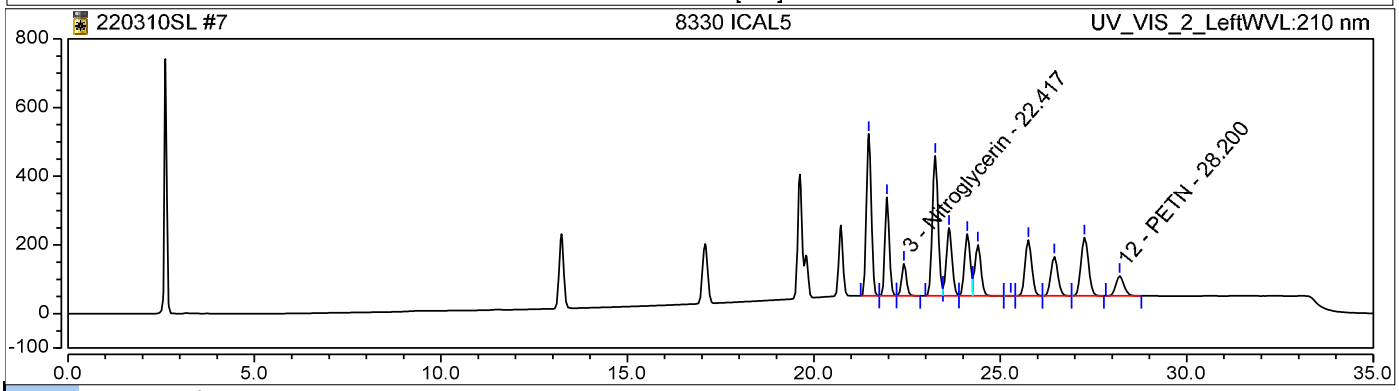
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICAL5**	*Analyst:*	**SW**
File Number:	**S10L007**	*Trace:*	**L017-203E**
Injection Type:	**Calibration Standard**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:	**5.0**	*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	
Processing Method:	**J11S-8330L-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 18:57**	*Sample Weight:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	HMX	13.236	10.585	73.812	2.90	3.27	5.0408
4	RDX	17.086	13.016	82.540	3.57	3.65	5.0241
7	1,3,5-TNB	19.623	28.924	220.363	7.94	9.75	5.0107
8	1,2-DNB(SURR)	19.790	7.040	64.122	1.93	2.84	2.0689
10	1,3-DNB	20.723	39.244	300.529	10.77	13.30	5.0272
11	NB/3,5-DNA	21.469	60.212	397.697	16.52	17.60	5.0245
12	Tetryl	21.961	22.580	164.641	6.20	7.28	5.0397
14	246TNT/4A26DNT	23.248	46.823	262.095	12.85	11.60	5.0325
15	2-A-4,6-DNT	23.627	28.328	156.273	7.77	6.91	5.0201
16	2,6-DNT	24.115	17.942	104.126	4.92	4.61	5.0126
17	2,4-DNT	24.398	37.324	196.098	10.24	8.68	5.0165
18	2-NT	25.748	17.421	83.961	4.78	3.71	5.0103
19	4-NT	26.444	15.196	69.096	4.17	3.06	5.0122
20	3-NT	27.261	19.162	81.424	5.26	3.60	5.0146
Total:			**363.800**	**2256.777**	**99.82**	**99.85**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	Nitroglycerin	22.417	14.108	93.394	3.46	4.08	5.0135
12	PETN	28.200	14.843	57.910	3.64	2.53	5.0177
Total:			**28.951**	**151.304**	**7.10**	**6.60**	

No Manual Integrations Performed

By Shaun West at 10:50 am, Oct 13, 2022

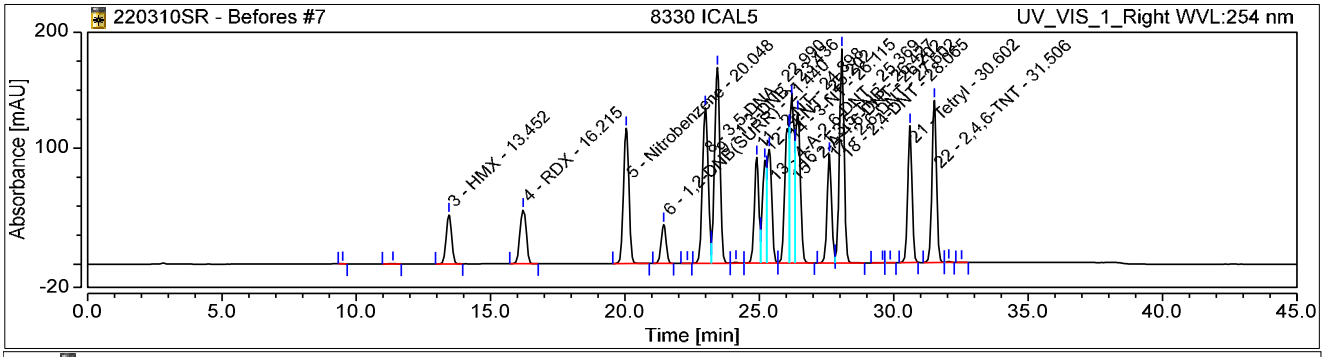
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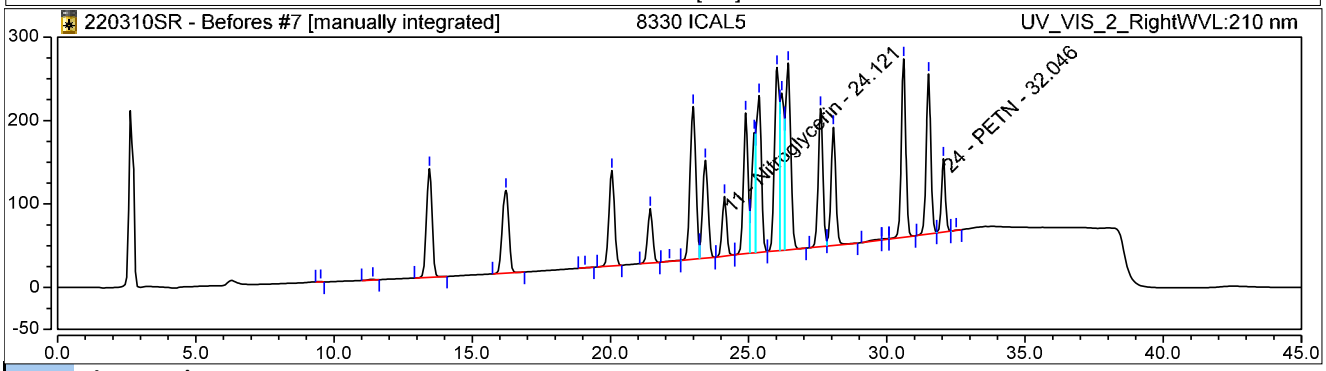
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICAL5**	*Analyst:*	**SW**
File:	**S10R007**	*Trace:*	**L017-203E**
Injection Type:	**Calibration Standard**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:	**5.0**	*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	
Processing Method:	**J11S-83301R-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 19:25**	Sequence Name:	**220310SR - Befores**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	HMX	13.452	10.010	42.136	2.77	2.41	5.0221
4	RDX	16.215	12.780	46.372	3.54	2.65	5.0168
5	Nitrobenzene	20.048	27.214	116.487	7.54	6.67	5.0142
6	1,2-DNB(SURR)	21.440	7.113	33.432	1.97	1.91	2.0064
8	3,5-DNA	22.990	33.121	134.169	9.18	7.68	5.0187
9	1,3-DNB	23.436	38.933	168.671	10.79	9.65	5.0132
11	2-NT	24.898	17.692	91.031	4.90	5.21	5.0177
12	4-NT	25.202	15.238	88.531	4.22	5.07	4.9832
13	4-A-2,6-DNT	25.369	19.444	98.109	5.39	5.61	5.0345
14	3-NT	26.115	22.203	117.639	6.15	6.73	5.2594
15	2-A-4,6-DNT	26.202	27.075	142.806	7.50	8.17	4.8772
16	1,3,5-TNB	26.427	26.503	129.654	7.35	7.42	4.9698
17	2,6-DNT	27.602	18.222	93.655	5.05	5.36	5.0053
18	2,4-DNT	28.065	36.304	184.449	10.06	10.56	5.0130
21	Tetryl	30.602	21.582	117.786	5.98	6.74	5.0205
22	2,4,6-TNT	31.506	26.770	139.794	7.42	8.00	5.0511
Total:			**360.205**	**1744.722**	**99.84**	**99.84**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
11	Nitroglycerin	24.121	13.253	71.539	2.39	2.63	5.0447
24	PETN	32.046	14.164	87.735	2.55	3.23	5.0333
Total:			**27.418**	**159.274**	**4.94**	**5.86**	

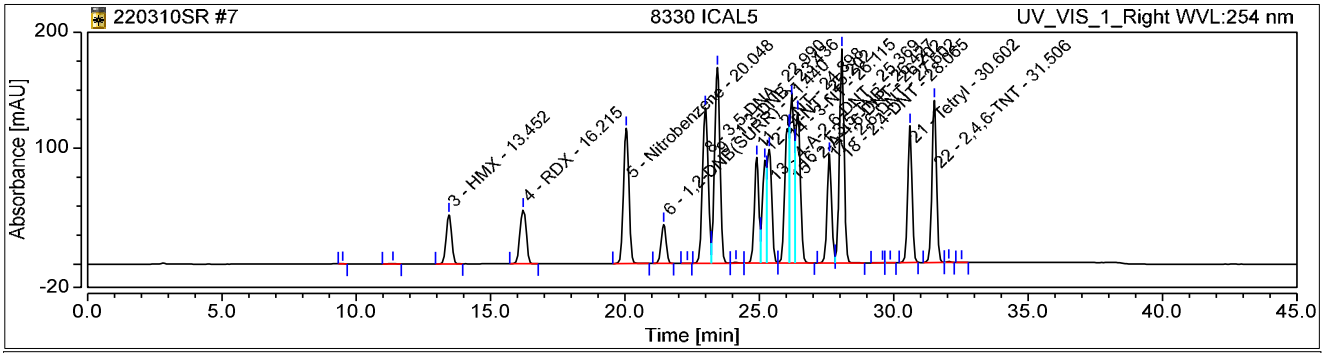
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Chromeleon 7.3.0.60919

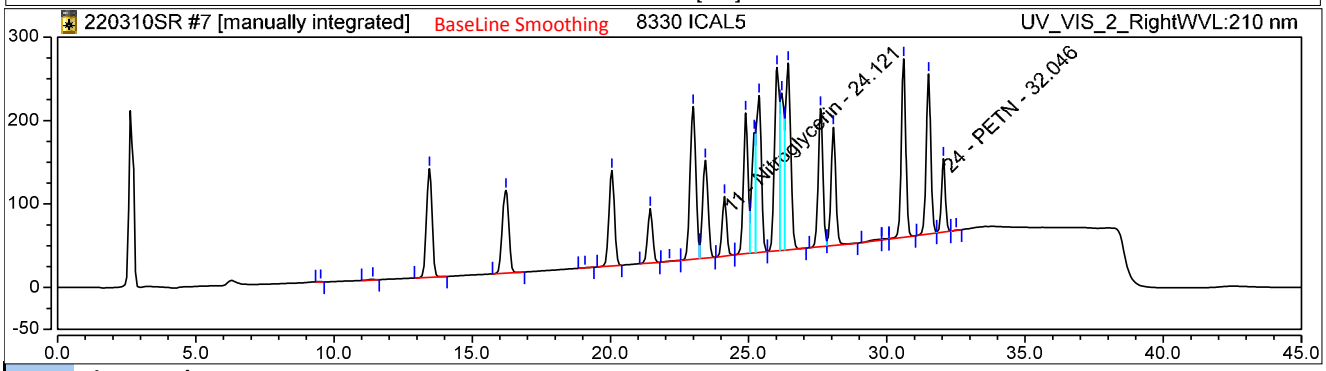
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICAL5**	*Analyst:*	**SW**
File:	**S10R007**	*Trace:*	**L017-203E**
Injection Type:	**Calibration Standard**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:	**5.0**	*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	
Processing Method:	**J11S-83301R-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 19:25**	Sequence Name:	**220310SR**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	HMX	13.452	10.010	42.136	2.77	2.41	5.0221
4	RDX	16.215	12.780	46.372	3.54	2.65	5.0168
5	Nitrobenzene	20.048	27.214	116.487	7.54	6.67	5.0142
6	1,2-DNB(SURR)	21.440	7.113	33.432	1.97	1.91	2.0064
8	3,5-DNA	22.990	33.121	134.169	9.18	7.68	5.0187
9	1,3-DNB	23.436	38.933	168.671	10.79	9.65	5.0132
11	2-NT	24.898	17.692	91.031	4.90	5.21	5.0177
12	4-NT	25.202	15.238	88.531	4.22	5.07	4.9832
13	4-A-2,6-DNT	25.369	19.444	98.109	5.39	5.61	5.0345
14	3-NT	26.115	22.203	117.639	6.15	6.73	5.2594
15	2-A-4,6-DNT	26.202	27.075	142.806	7.50	8.17	4.8772
16	1,3,5-TNB	26.427	26.503	129.654	7.35	7.42	4.9698
17	2,6-DNT	27.602	18.222	93.655	5.05	5.36	5.0053
18	2,4-DNT	28.065	36.304	184.449	10.06	10.56	5.0130
21	Tetryl	30.602	21.582	117.786	5.98	6.74	5.0205
22	2,4,6-TNT	31.506	26.770	139.794	7.42	8.00	5.0511
Total:			**360.205**	**1744.722**	**99.84**	**99.84**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
11	Nitroglycerin	24.121	13.253	71.539	2.39	2.63	5.0447
24	PETN	32.046	14.164	87.735	2.55	3.23	5.0333
Total:			**27.418**	**159.274**	**4.94**	**5.86**	

Manual Integrations Reasons in Red

By Shaun West at 10:53 am, Oct 13, 2022

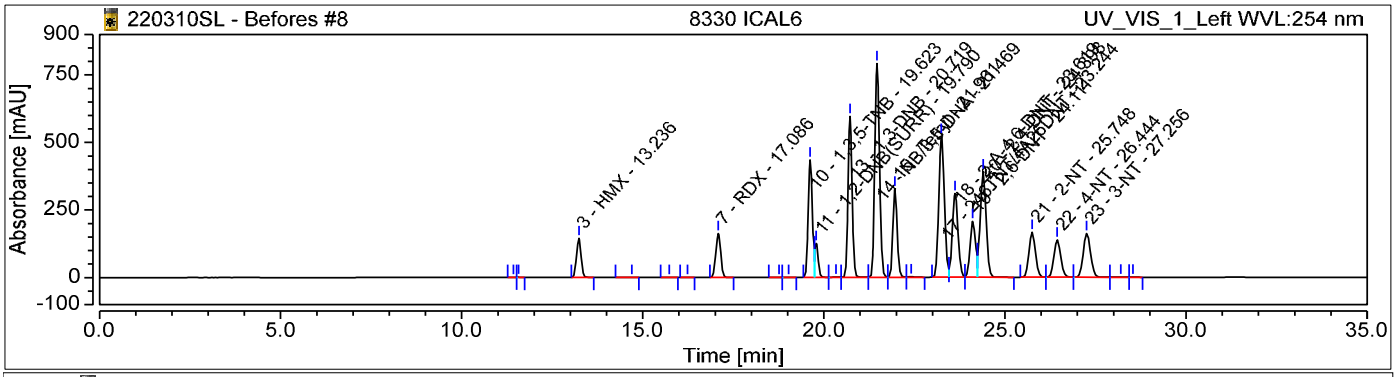
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Chromeleon 7.3.0.60919

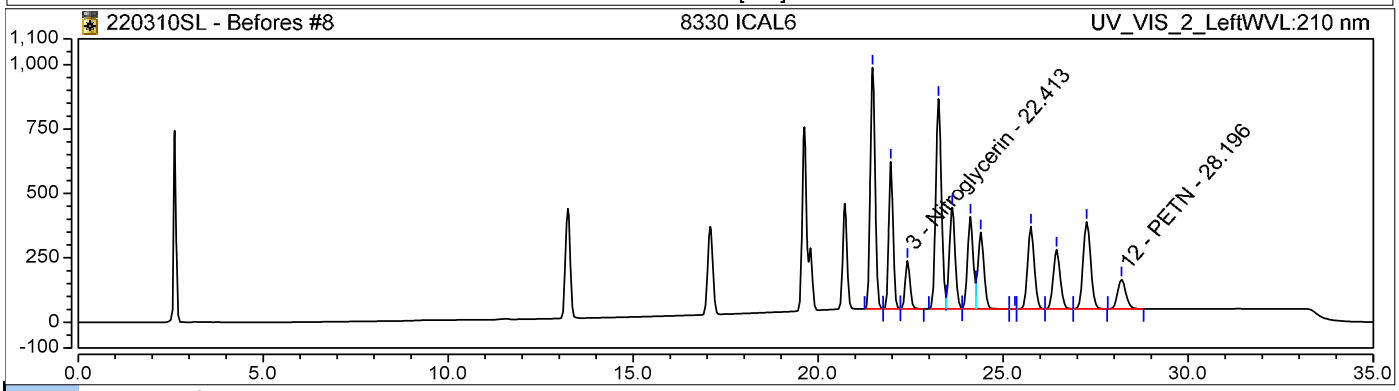
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICAL6**	*Analyst:*	**SW**
File Number:	**S10L008**	*Trace:*	**L017-203F**
Injection Type:	**Calibration Standard**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:	**10**	*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	
Processing Method:	**J11S-8330L-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 19:39**	*Sample Weight:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	HMX	13.236	21.010	144.287	2.90	3.22	10.0090
7	RDX	17.086	25.882	161.804	3.57	3.61	9.9933
10	1,3,5-TNB	19.623	57.870	434.396	7.98	9.69	10.0239
11	1,2-DNB(SURR)	19.790	13.356	125.552	1.84	2.80	3.9413
13	1,3-DNB	20.719	78.074	595.181	10.77	13.28	10.0032
14	NB/3,5-DNA	21.469	119.720	790.887	16.51	17.65	9.9915
15	Tetryl	21.961	44.829	326.122	6.18	7.28	10.0057
17	246TNT/4A26DNT	23.244	93.033	522.280	12.83	11.65	10.0019
18	2-A-4,6-DNT	23.619	56.378	310.213	7.78	6.92	9.9928
19	2,6-DNT	24.111	35.992	206.558	4.96	4.61	10.0562
20	2,4-DNT	24.398	74.208	389.927	10.24	8.70	9.9749
21	2-NT	25.748	34.780	166.793	4.80	3.72	10.0039
22	4-NT	26.444	30.350	138.300	4.19	3.09	10.0103
23	3-NT	27.256	38.232	162.289	5.27	3.62	10.0041
Total:			**723.715**	**4474.589**	**99.83**	**99.85**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	Nitroglycerin	22.413	28.188	185.878	3.48	4.08	10.0206
12	PETN	28.196	29.562	114.630	3.64	2.52	9.9778
Total:			**57.750**	**300.509**	**7.12**	**6.60**	

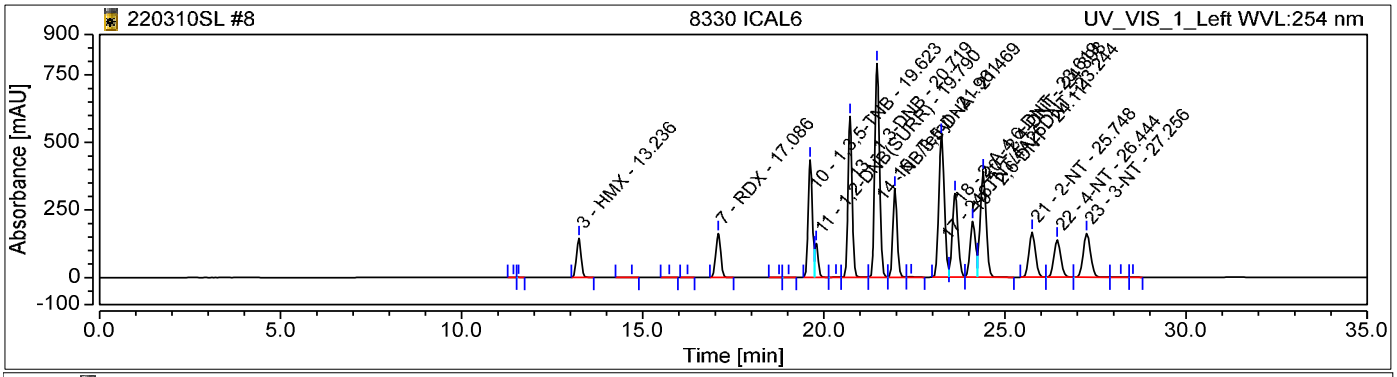
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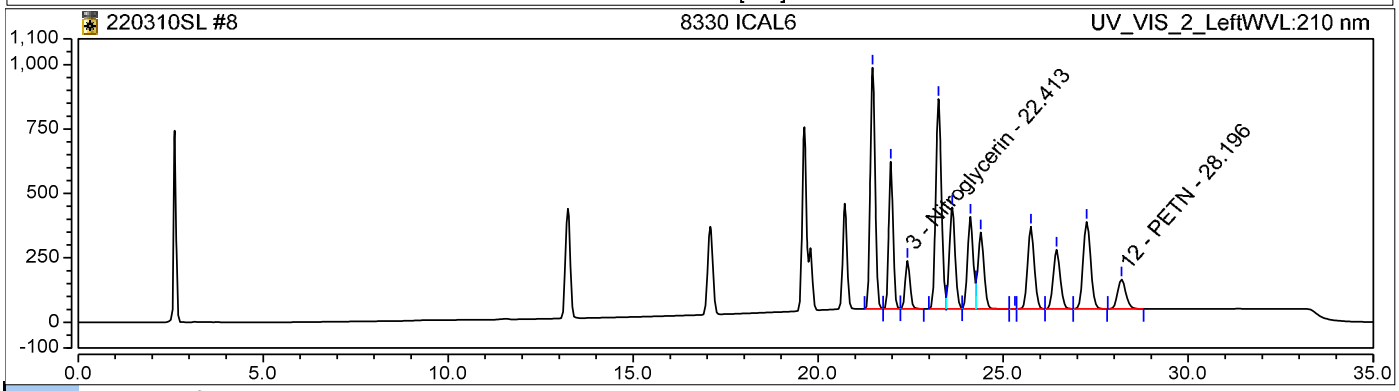
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICAL6**	*Analyst:*	**SW**
File Number:	**S10L008**	*Trace:*	**L017-203F**
Injection Type:	**Calibration Standard**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:	**10**	*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	
Processing Method:	**J11S-8330L-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 19:39**	*Sample Weight:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	HMX	13.236	21.010	144.287	2.90	3.22	10.0090
7	RDX	17.086	25.882	161.804	3.57	3.61	9.9933
10	1,3,5-TNB	19.623	57.870	434.396	7.98	9.69	10.0239
11	1,2-DNB(SURR)	19.790	13.356	125.552	1.84	2.80	3.9413
13	1,3-DNB	20.719	78.074	595.181	10.77	13.28	10.0032
14	NB/3,5-DNA	21.469	119.720	790.887	16.51	17.65	9.9915
15	Tetryl	21.961	44.829	326.122	6.18	7.28	10.0057
17	246TNT/4A26DNT	23.244	93.033	522.280	12.83	11.65	10.0019
18	2-A-4,6-DNT	23.619	56.378	310.213	7.78	6.92	9.9928
19	2,6-DNT	24.111	35.992	206.558	4.96	4.61	10.0562
20	2,4-DNT	24.398	74.208	389.927	10.24	8.70	9.9749
21	2-NT	25.748	34.780	166.793	4.80	3.72	10.0039
22	4-NT	26.444	30.350	138.300	4.19	3.09	10.0103
23	3-NT	27.256	38.232	162.289	5.27	3.62	10.0041
Total:			**723.715**	**4474.589**	**99.83**	**99.85**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	Nitroglycerin	22.413	28.188	185.878	3.48	4.08	10.0206
12	PETN	28.196	29.562	114.630	3.64	2.52	9.9778
Total:			**57.750**	**300.509**	**7.12**	**6.60**	

No Manual Integrations Performed

By Shaun West at 10:50 am, Oct 13, 2022

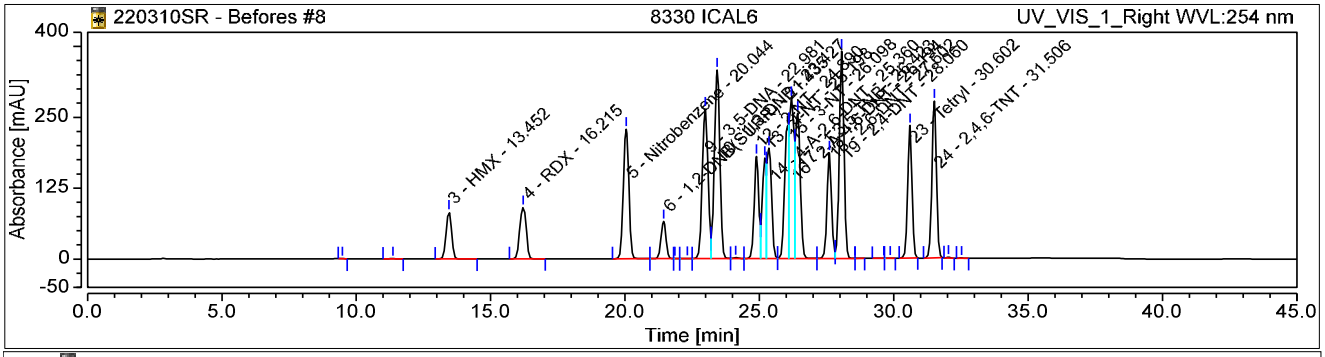
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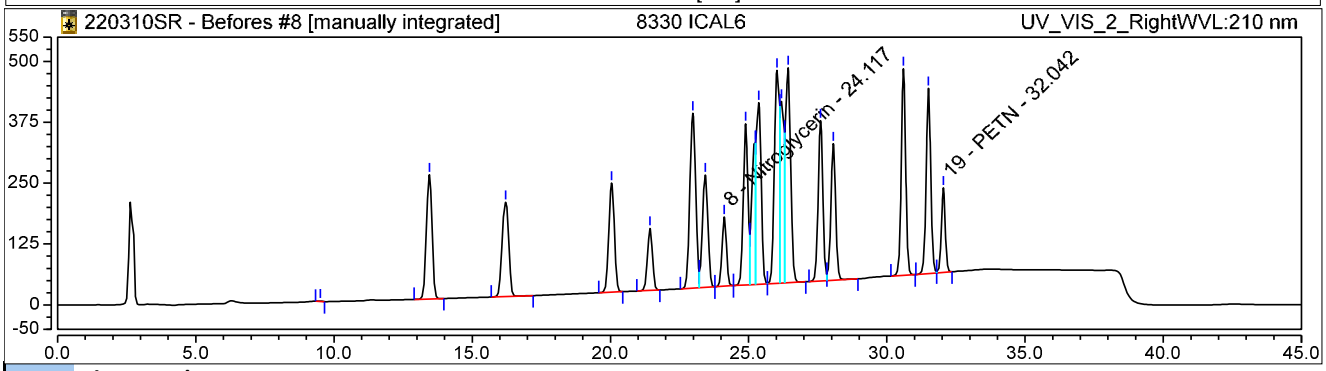
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICAL6**	*Analyst:*	**SW**
File:	**S10R008**	*Trace:*	**L017-203F**
Injection Type:	**Calibration Standard**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:	**10**	*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	
Processing Method:	**J11S-83301R-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 20:12**	Sequence Name:	**220310SR - Befores**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	HMX	13.452	19.906	82.384	2.77	2.38	9.9901
4	RDX	16.215	25.440	90.552	3.54	2.62	9.9900
5	Nitrobenzene	20.044	54.265	228.551	7.55	6.61	9.9977
6	1,2-DNB(SURR)	21.435	14.056	65.415	1.96	1.89	3.9639
9	3,5-DNA	22.981	65.817	263.904	9.16	7.64	9.9752
10	1,3-DNB	23.427	77.706	332.662	10.82	9.62	10.0064
12	2-NT	24.890	35.370	180.040	4.92	5.21	10.0288
13	4-NT	25.198	30.617	176.993	4.26	5.12	10.0099
14	4-A-2,6-DNT	25.360	38.496	194.368	5.36	5.62	9.9706
15	3-NT	26.098	41.900	236.245	5.83	6.83	9.9209
16	2-A-4,6-DNT	26.194	55.669	281.978	7.75	8.16	10.0347
17	1,3,5-TNB	26.423	53.410	256.179	7.44	7.41	10.0194
18	2,6-DNT	27.602	36.365	186.041	5.06	5.38	9.9887
19	2,4-DNT	28.060	72.363	365.345	10.07	10.57	9.9943
23	Tetryl	30.602	42.923	233.604	5.98	6.76	9.9882
24	2,4,6-TNT	31.506	52.843	276.639	7.36	8.00	9.9737
Total:			**717.145**	**3450.900**	**99.84**	**99.84**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
8	Nitroglycerin	24.117	26.272	142.112	2.39	2.65	9.9741
19	PETN	32.042	28.219	173.632	2.57	3.24	10.0125
Total:			**54.491**	**315.745**	**4.96**	**5.88**	

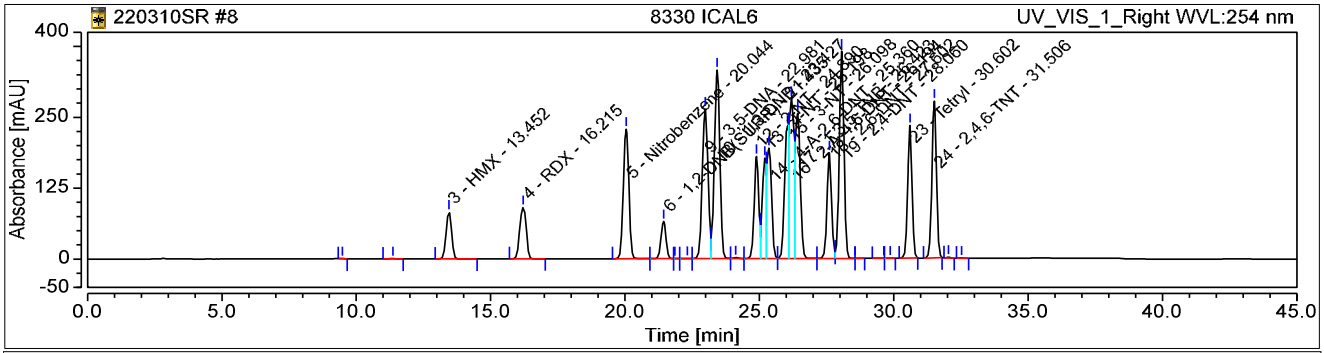
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Chromeleon 7.3.0.60919

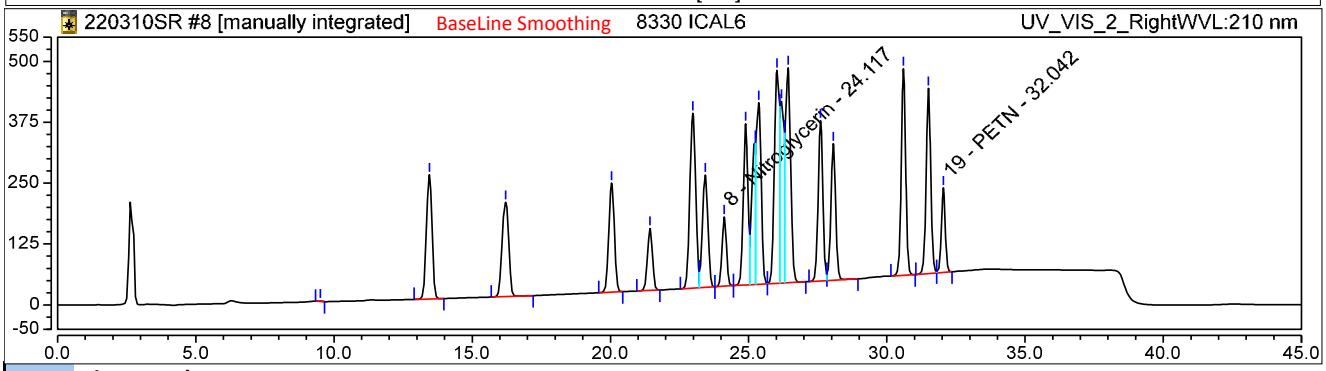
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICAL6**	*Analyst:*	**SW**
File:	**S10R008**	*Trace:*	**L017-203F**
Injection Type:	**Calibration Standard**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:	**10**	*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	
Processing Method:	**J11S-83301R-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 20:12**	Sequence Name:	**220310SR**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	HMX	13.452	19.906	82.384	2.77	2.38	9.9901
4	RDX	16.215	25.440	90.552	3.54	2.62	9.9900
5	Nitrobenzene	20.044	54.265	228.551	7.55	6.61	9.9977
6	1,2-DNB(SURR)	21.435	14.056	65.415	1.96	1.89	3.9639
9	3,5-DNA	22.981	65.817	263.904	9.16	7.64	9.9752
10	1,3-DNB	23.427	77.706	332.662	10.82	9.62	10.0064
12	2-NT	24.890	35.370	180.040	4.92	5.21	10.0288
13	4-NT	25.198	30.617	176.993	4.26	5.12	10.0099
14	4-A-2,6-DNT	25.360	38.496	194.368	5.36	5.62	9.9706
15	3-NT	26.098	41.900	236.245	5.83	6.83	9.9209
16	2-A-4,6-DNT	26.194	55.669	281.978	7.75	8.16	10.0347
17	1,3,5-TNB	26.423	53.410	256.179	7.44	7.41	10.0194
18	2,6-DNT	27.602	36.365	186.041	5.06	5.38	9.9887
19	2,4-DNT	28.060	72.363	365.345	10.07	10.57	9.9943
23	Tetryl	30.602	42.923	233.604	5.98	6.76	9.9882
24	2,4,6-TNT	31.506	52.843	276.639	7.36	8.00	9.9737
Total:			**717.145**	**3450.900**	**99.84**	**99.84**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
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19	PETN	32.042	28.219	173.632	2.57	3.24	10.0125
Total:			**54.491**	**315.745**	**4.96**	**5.88**	

Manual Integrations Reasons in Red

By Shaun West at 10:54 am, Oct 13, 2022

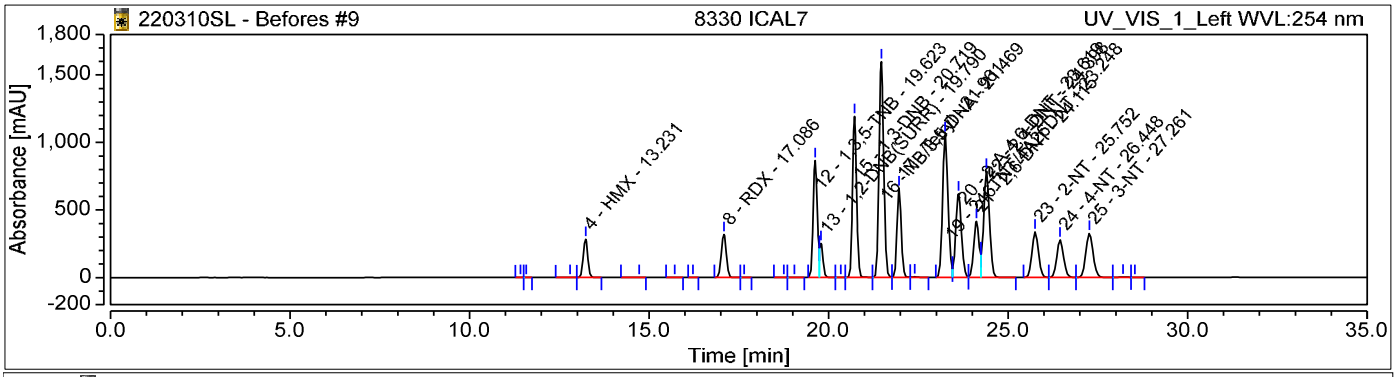
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Chromeleon 7.3.0.60919

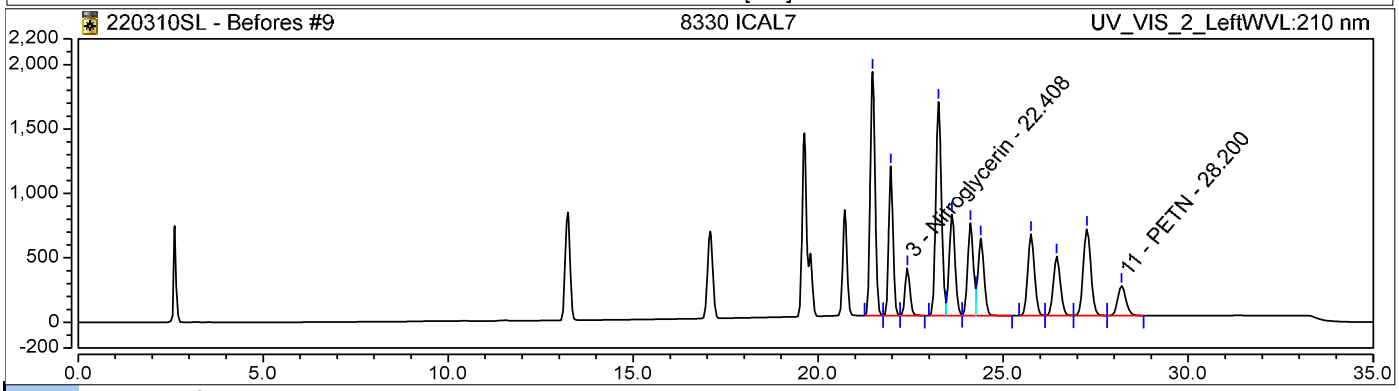
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICAL7**	*Analyst:*	**SW**
File Number:	**S10L009**	*Trace:*	**L017-203G**
Injection Type:	**Calibration Standard**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:	**20**	*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	
Processing Method:	**J11S-8330L-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 20:21**	*Sample Weight:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
4	HMX	13.231	42.162	282.453	2.89	3.14	20.0892
8	RDX	17.086	52.157	318.941	3.57	3.55	20.1408
12	1,3,5-TNB	19.623	116.314	864.262	7.96	9.61	20.1461
13	1,2-DNB(SURR)	19.790	26.907	252.066	1.84	2.80	7.9586
15	1,3-DNB	20.719	157.270	1191.221	10.77	13.25	20.1520
16	NB/3,5-DNA	21.469	241.589	1597.729	16.54	17.77	20.1637
17	Tetryl	21.961	90.113	657.415	6.17	7.31	20.1134
19	246TNT/4A26DNT	23.248	187.203	1055.637	12.82	11.74	20.1290
20	2-A-4,6-DNT	23.619	113.701	618.558	7.78	6.88	20.1549
21	2,6-DNT	24.115	72.004	413.763	4.93	4.60	20.1194
22	2,4-DNT	24.398	150.249	785.616	10.29	8.74	20.1971
23	2-NT	25.752	70.163	336.357	4.80	3.74	20.1819
24	4-NT	26.448	61.160	277.627	4.19	3.09	20.1721
25	3-NT	27.261	77.104	326.498	5.28	3.63	20.1745
Total:			**1458.095**	**8978.142**	**99.83**	**99.86**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	Nitroglycerin	22.408	56.471	367.152	3.46	4.00	20.0786
11	PETN	28.200	59.807	231.315	3.66	2.52	20.1703
Total:			**116.278**	**598.467**	**7.12**	**6.53**	

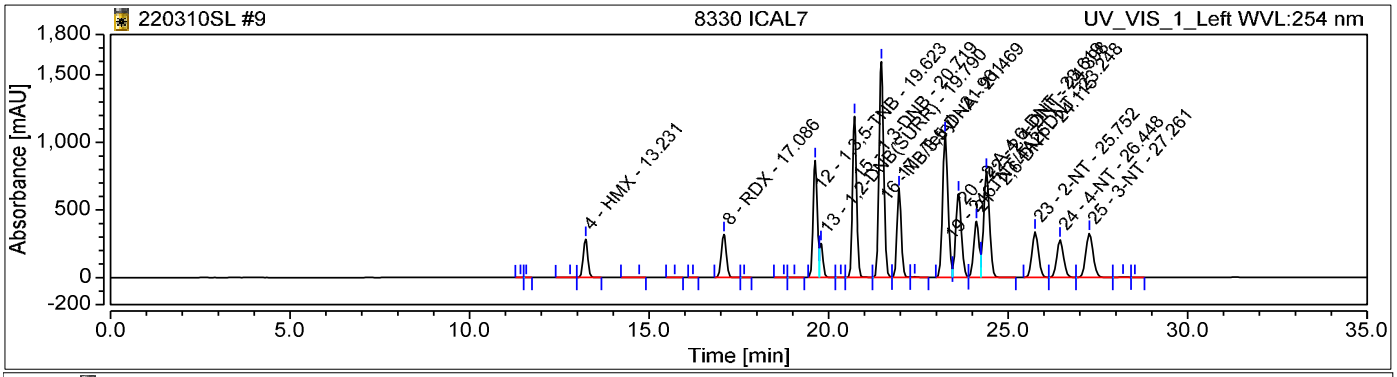
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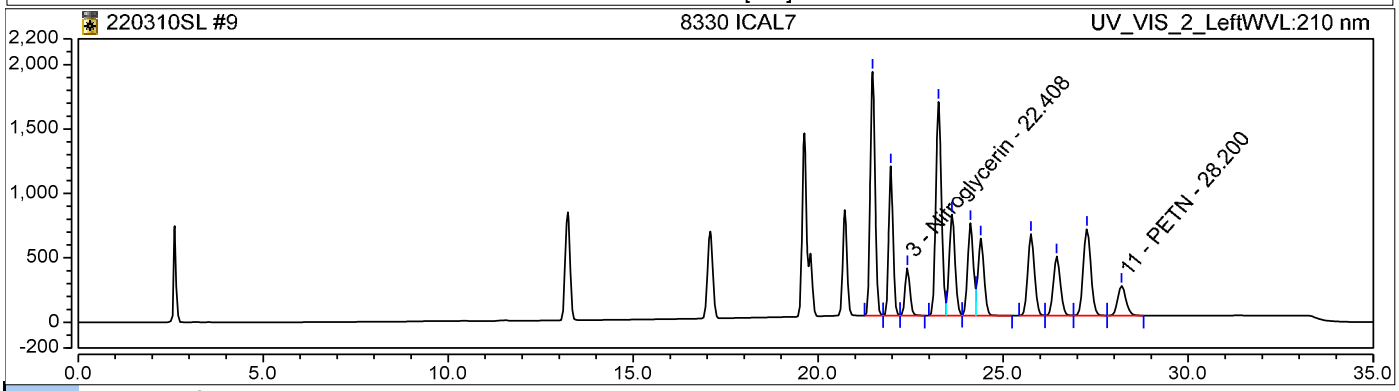
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICAL7**	*Analyst:*	**SW**
File Number:	**S10L009**	*Trace:*	**L017-203G**
Injection Type:	**Calibration Standard**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:	**20**	*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	
Processing Method:	**J11S-8330L-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 20:21**	*Sample Weight:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
4	HMX	13.231	42.162	282.453	2.89	3.14	20.0892
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13	1,2-DNB(SURR)	19.790	26.907	252.066	1.84	2.80	7.9586
15	1,3-DNB	20.719	157.270	1191.221	10.77	13.25	20.1520
16	NB/3,5-DNA	21.469	241.589	1597.729	16.54	17.77	20.1637
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No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
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11	PETN	28.200	59.807	231.315	3.66	2.52	20.1703
Total:			**116.278**	**598.467**	**7.12**	**6.53**	

No Manual Integrations Performed

By Shaun West at 10:51 am, Oct 13, 2022

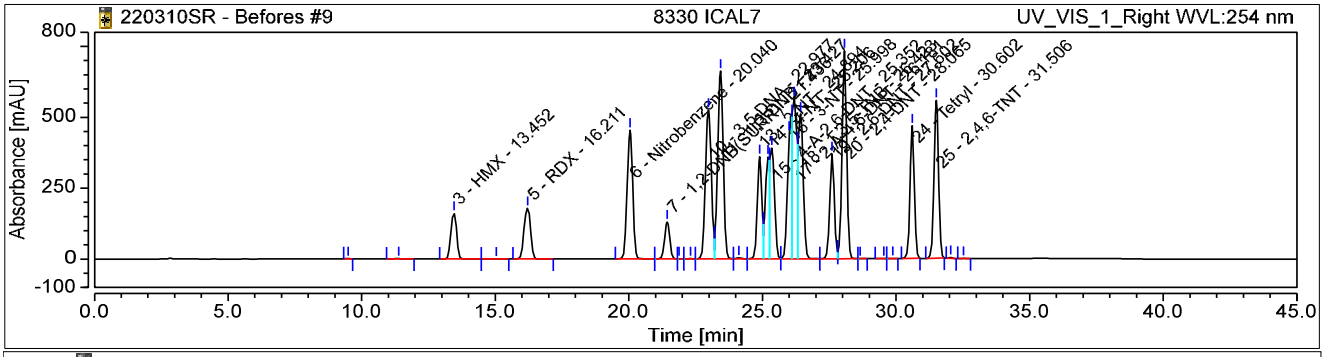
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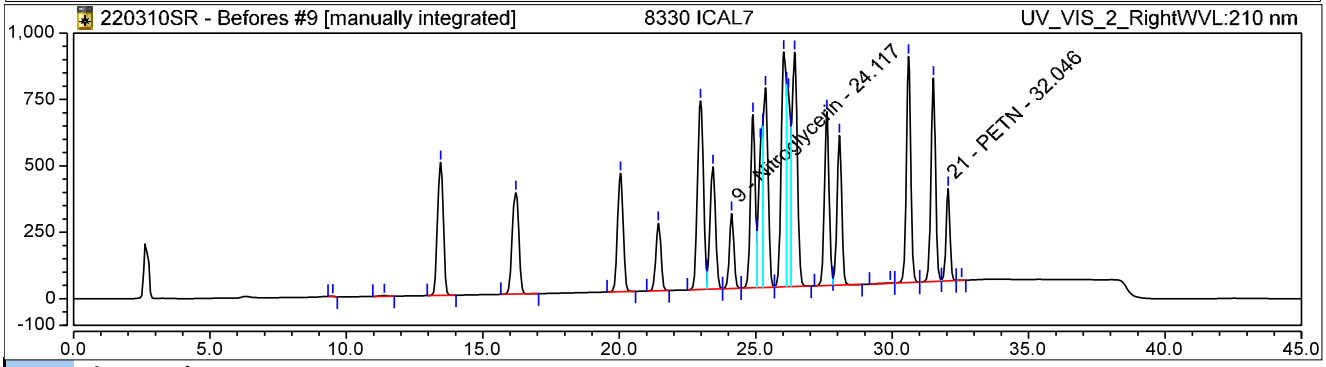
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICAL7**	*Analyst:*	**SW**
File:	**S10R009**	*Trace:*	**L017-203G**
Injection Type:	**Calibration Standard**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:	**20**	*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	
Processing Method:	**J11S-83301R-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 20:59**	Sequence Name:	**220310SR - Befores**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	HMX	13.452	40.122	161.118	2.77	2.34	20.1403
5	RDX	16.211	51.326	178.304	3.54	2.59	20.1592
6	Nitrobenzene	20.040	109.561	453.752	7.56	6.60	20.1847
7	1,2-DNB(SURR)	21.436	28.519	130.241	1.97	1.89	8.0423
10	3,5-DNA	22.977	133.147	524.417	9.18	7.63	20.1819
11	1,3-DNB	23.427	156.615	661.751	10.80	9.63	20.1684
13	2-NT	24.894	71.109	359.897	4.91	5.24	20.1600
14	4-NT	25.206	61.757	358.696	4.26	5.22	20.1880
15	4-A-2,6-DNT	25.352	77.870	390.494	5.37	5.68	20.1716
16	3-NT	25.998	85.033	442.363	5.87	6.43	20.1290
17	2-A-4,6-DNT	26.181	111.693	563.998	7.70	8.20	20.1398
18	1,3,5-TNB	26.423	107.725	510.503	7.43	7.43	20.2125
19	2,6-DNT	27.602	73.391	370.177	5.06	5.38	20.1591
20	2,4-DNT	28.065	146.117	733.541	10.08	10.67	20.1831
24	Tetryl	30.602	86.618	467.281	5.98	6.80	20.1595
25	2,4,6-TNT	31.506	106.741	556.803	7.36	8.10	20.1493
Total:			**1447.345**	**6863.339**	**99.84**	**99.84**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
9	Nitroglycerin	24.117	53.380	281.863	2.40	2.64	20.2377
21	PETN	32.046	56.765	347.524	2.56	3.25	20.1258
Total:			**110.145**	**629.387**	**4.96**	**5.89**	

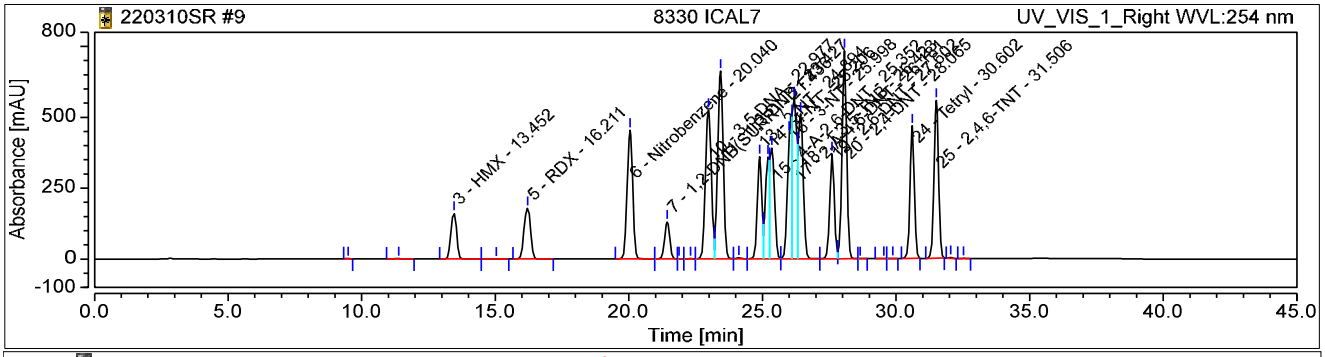
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Chromeleon 7.3.0.60919

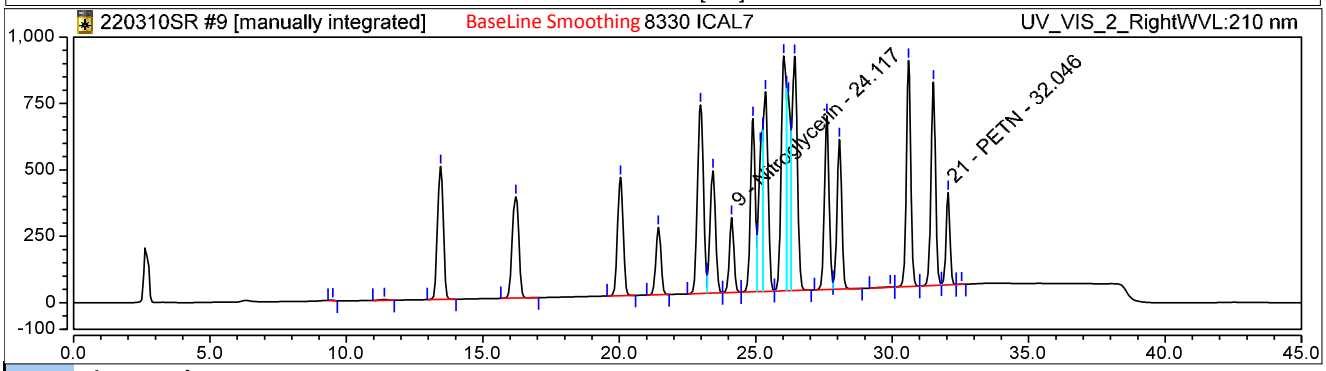
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICAL7**	*Analyst:*	**SW**
File:	**S10R009**	*Trace:*	**L017-203G**
Injection Type:	**Calibration Standard**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:	**20**	*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	
Processing Method:	**J11S-83301R-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 20:59**	Sequence Name:	**220310SR**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
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5	RDX	16.211	51.326	178.304	3.54	2.59	20.1592
6	Nitrobenzene	20.040	109.561	453.752	7.56	6.60	20.1847
7	1,2-DNB(SURR)	21.436	28.519	130.241	1.97	1.89	8.0423
10	3,5-DNA	22.977	133.147	524.417	9.18	7.63	20.1819
11	1,3-DNB	23.427	156.615	661.751	10.80	9.63	20.1684
13	2-NT	24.894	71.109	359.897	4.91	5.24	20.1600
14	4-NT	25.206	61.757	358.696	4.26	5.22	20.1880
15	4-A-2,6-DNT	25.352	77.870	390.494	5.37	5.68	20.1716
16	3-NT	25.998	85.033	442.363	5.87	6.43	20.1290
17	2-A-4,6-DNT	26.181	111.693	563.998	7.70	8.20	20.1398
18	1,3,5-TNB	26.423	107.725	510.503	7.43	7.43	20.2125
19	2,6-DNT	27.602	73.391	370.177	5.06	5.38	20.1591
20	2,4-DNT	28.065	146.117	733.541	10.08	10.67	20.1831
24	Tetryl	30.602	86.618	467.281	5.98	6.80	20.1595
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Total:			**1447.345**	**6863.339**	**99.84**	**99.84**	

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9	Nitroglycerin	24.117	53.380	281.863	2.40	2.64	20.2377
21	PETN	32.046	56.765	347.524	2.56	3.25	20.1258
Total:			**110.145**	**629.387**	**4.96**	**5.89**	

Manual Integrations Reasons in Red

By Shaun West at 10:54 am, Oct 13, 2022

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Chromeleon 7.3.0.60919

Advanced Environmental Laboratories, Inc.

Initial Calibration Verification Summary Report

FORM 6B - ICV

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Calibration Date/Time: 3/10/2022 21:45:00 **Lab File ID:** S10A011|S10B011

Instrument ID: J11S **Lab Sample ID:** 8330 ICV

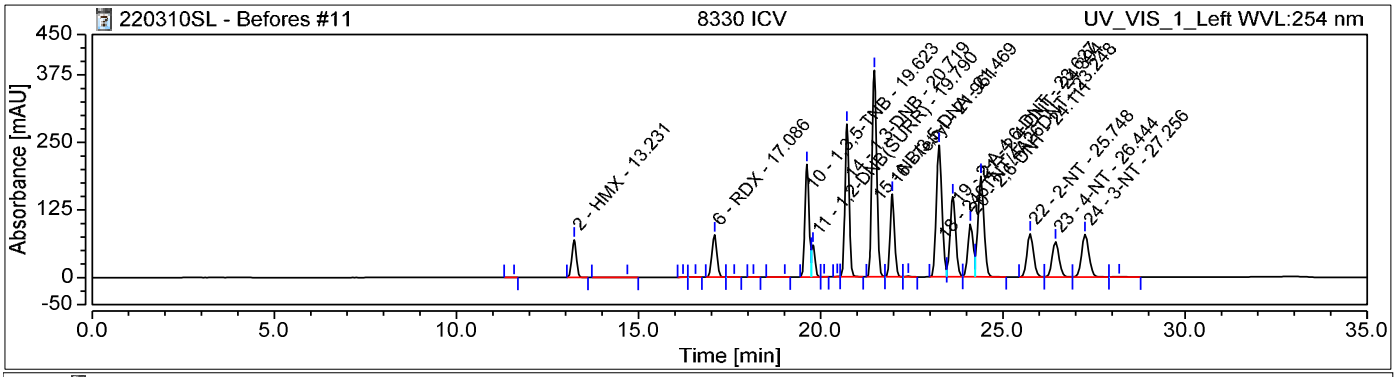
Parameter	Spike Added	ICV Result(1)	ICV Result(2)	ICV %D (1)	Q	ICV %D (2)	Q	QC Limits % D
1,3-Dinitrobenzene	5.00	4.73	4.73	5.5		5.5		20
2,4,6-Trinitrotoluene (TNT)	5.00	4.69	4.66	6.3		6.9		20
2,4-Dinitrotoluene (2,4-DNT)	5.00	4.75	4.77	5.0		4.7		20
2,6-Dinitrotoluene (2,6-DNT)	5.00	4.73	4.71	5.5		5.7		20
2-Amino-4,6-Dinitrotoluene	5.00	4.73	4.62	5.4		7.5		20
2-Nitrotoluene	5.00	4.77	4.74	4.7		5.1		20
3-Nitrotoluene	5.00	4.83	5.00	3.4		0		20
Nitrobenzene	5.00	4.82	4.78	3.6		4.4		20
Nitroglycerin	5.00	4.82	4.82	3.6		3.6		20
PETN	5.00	4.52	4.67	9.5		6.7		20
RDX	5.00	4.80	4.78	4.0		4.4		20

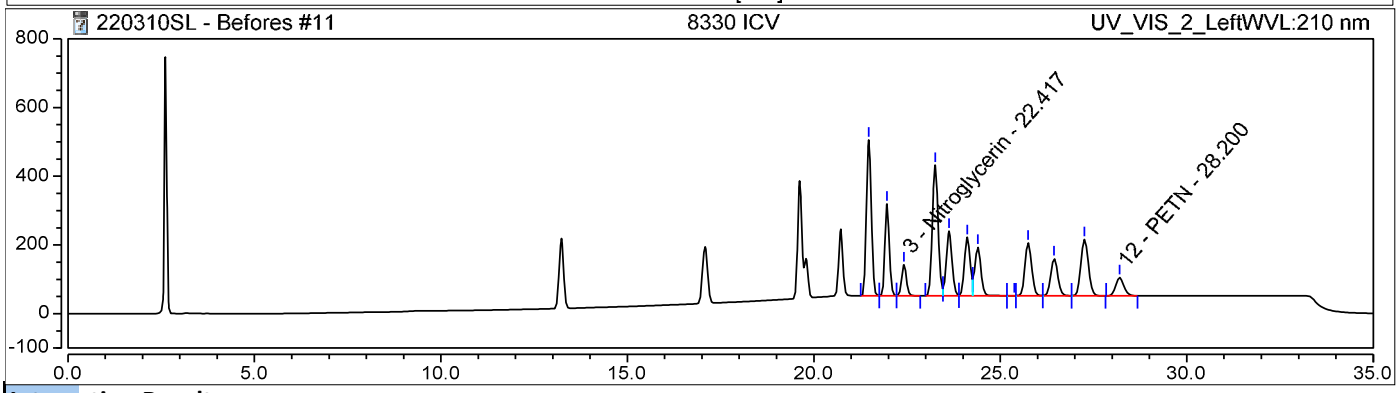
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICV**	*Analyst:*	**SW**
File Number:	**S10L011**	*Trace:*	**L017-203H**
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	
Processing Method:	**J11S-8330L-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 21:45**	*Sample Weight:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
2	HMX	13.231	9.897	69.354	2.87	3.25	4.7130
6	RDX	17.086	12.437	78.495	3.61	3.67	4.8003
10	1,3,5-TNB	19.623	27.453	208.566	7.97	9.76	4.7559
11	1,2-DNB(SURR)	19.790	6.357	59.193	1.85	2.77	1.8664
14	1,3-DNB	20.719	36.891	282.805	10.71	13.24	4.7256
15	NB/3,5-DNA	21.469	57.764	382.276	16.77	17.89	4.8202
16	Tetryl	21.961	20.923	153.134	6.08	7.17	4.6698
18	246TNT/4A26DNT	23.248	43.613	243.707	12.67	11.41	4.6873
19	2-A-4,6-DNT	23.627	26.705	148.123	7.76	6.93	4.7324
20	2,6-DNT	24.111	16.919	97.875	4.91	4.58	4.7267
21	2,4-DNT	24.394	35.354	186.159	10.27	8.71	4.7517
22	2-NT	25.748	16.574	79.637	4.81	3.73	4.7667
23	4-NT	26.444	14.307	65.089	4.15	3.05	4.7190
24	3-NT	27.256	18.458	78.458	5.36	3.67	4.8304
Total:			**343.653**	**2132.870**	**99.80**	**99.83**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	Nitroglycerin	22.417	13.568	90.489	3.52	4.17	4.8213
12	PETN	28.200	13.376	52.594	3.47	2.42	4.5235
Total:			**26.944**	**143.083**	**6.99**	**6.60**	

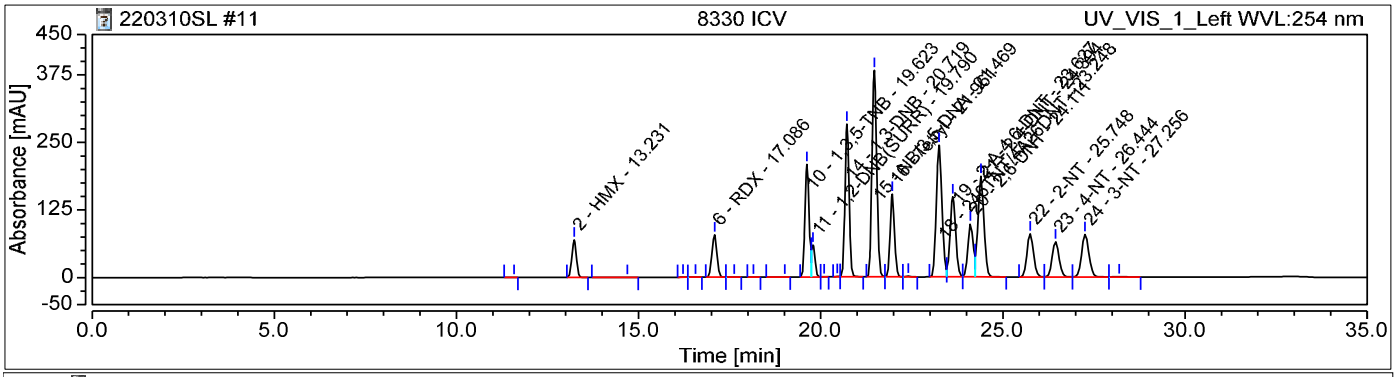
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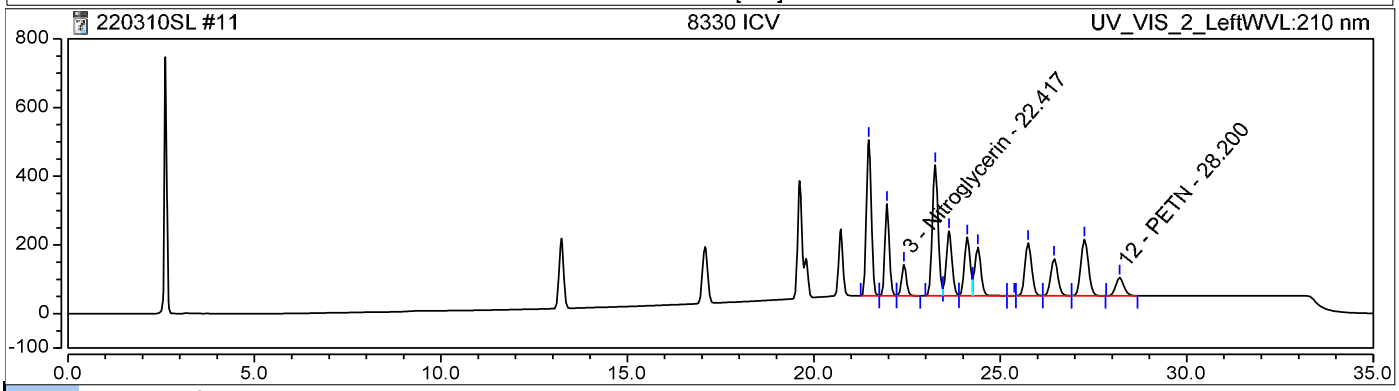
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICV**	*Analyst:*	**SW**
File Number:	**S10L011**	*Trace:*	**L017-203H**
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	
Processing Method:	**J11S-8330L-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 21:45**	*Sample Weight:*	**1.0000**

Chromatogram





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11	1,2-DNB(SURR)	19.790	6.357	59.193	1.85	2.77	1.8664
14	1,3-DNB	20.719	36.891	282.805	10.71	13.24	4.7256
15	NB/3,5-DNA	21.469	57.764	382.276	16.77	17.89	4.8202
16	Tetryl	21.961	20.923	153.134	6.08	7.17	4.6698
18	246TNT/4A26DNT	23.248	43.613	243.707	12.67	11.41	4.6873
19	2-A-4,6-DNT	23.627	26.705	148.123	7.76	6.93	4.7324
20	2,6-DNT	24.111	16.919	97.875	4.91	4.58	4.7267
21	2,4-DNT	24.394	35.354	186.159	10.27	8.71	4.7517
22	2-NT	25.748	16.574	79.637	4.81	3.73	4.7667
23	4-NT	26.444	14.307	65.089	4.15	3.05	4.7190
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No Manual Integrations Performed

By Shaun West at 10:51 am, Oct 13, 2022

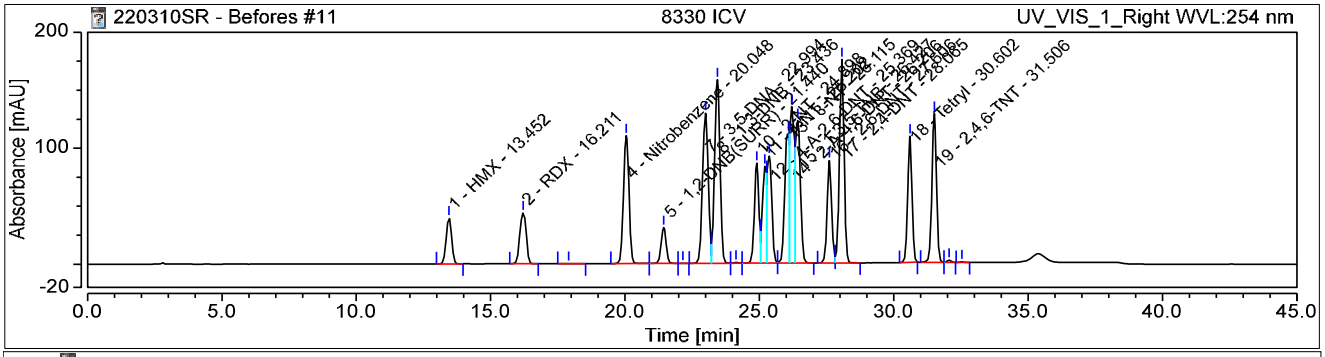
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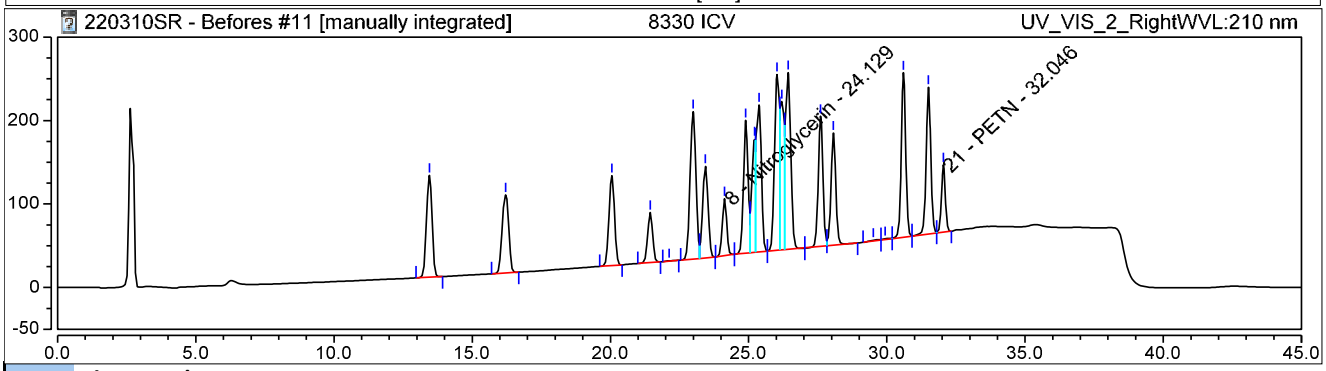
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICV**	*Analyst:*	**SW**
File:	**S10R011**	*Trace:*	**L017-203H**
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	
Processing Method:	**J11S-83301R-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 22:34**	Sequence Name:	**220310SR - Befores**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.452	9.419	39.477	2.76	2.40	4.7254
2	RDX	16.211	12.180	43.789	3.57	2.66	4.7810
4	Nitrobenzene	20.048	25.948	110.098	7.60	6.69	4.7810
5	1,2-DNB(SURR)	21.440	6.636	30.827	1.94	1.87	1.8718
7	3,5-DNA	22.994	32.068	129.467	9.40	7.86	4.8591
8	1,3-DNB	23.436	36.712	158.162	10.76	9.60	4.7272
10	2-NT	24.898	16.723	86.056	4.90	5.23	4.7428
11	4-NT	25.202	14.288	83.357	4.19	5.06	4.6727
12	4-A-2,6-DNT	25.369	18.462	92.257	5.41	5.60	4.7801
13	3-NT	26.115	21.111	111.763	6.19	6.79	5.0009
14	2-A-4,6-DNT	26.206	25.675	134.945	7.52	8.19	4.6247
15	1,3,5-TNB	26.427	25.252	122.858	7.40	7.46	4.7350
16	2,6-DNT	27.606	17.164	88.301	5.03	5.36	4.7145
17	2,4-DNT	28.065	34.510	175.307	10.11	10.64	4.7651
18	Tetryl	30.602	19.830	108.599	5.81	6.59	4.6125
19	2,4,6-TNT	31.506	24.676	128.277	7.23	7.79	4.6557
Total:			**340.654**	**1643.541**	**99.81**	**99.80**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
8	Nitroglycerin	24.129	12.664	68.216	2.43	2.67	4.8215
21	PETN	32.046	13.130	80.757	2.51	3.16	4.6668
Total:			**25.794**	**148.974**	**4.94**	**5.83**	

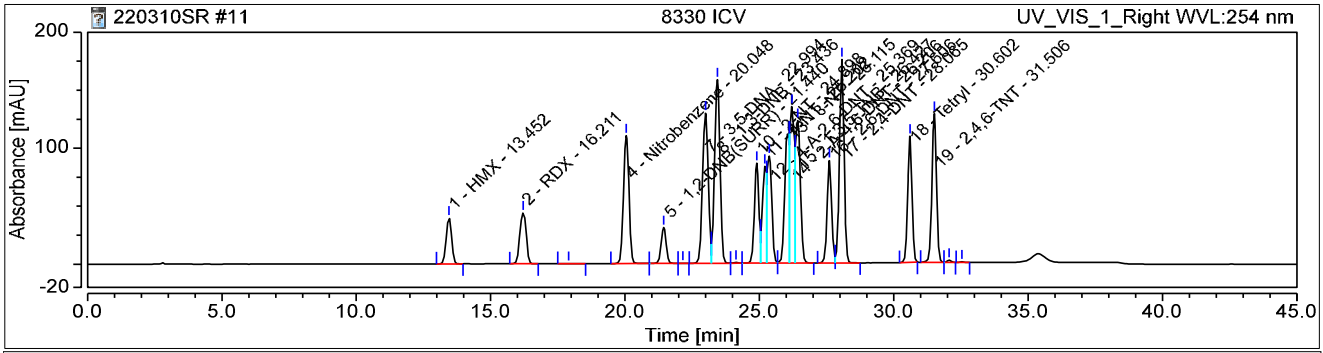
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Chromeleon 7.3.0.60919

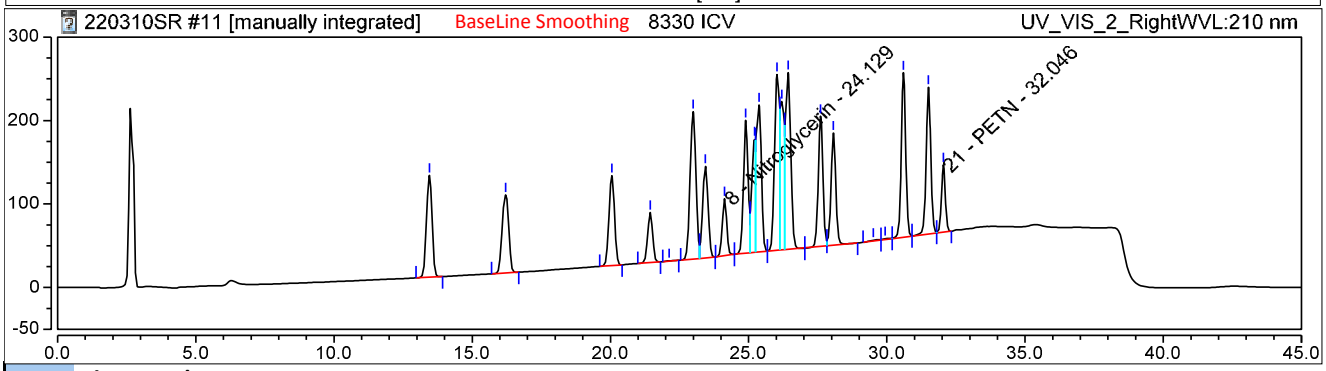
Chromatogram and Results

Injection Details

Injection Name:	**8330 ICV**	*Analyst:*	**SW**
File:	**S10R011**	*Trace:*	**L017-203H**
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	
Processing Method:	**J11S-83301R-220310**	*Dilution Factor:*	**1.0000**
Injection Date/Time:	**10/Mar/22 22:34**	Sequence Name:	**220310SR**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.452	9.419	39.477	2.76	2.40	4.7254
2	RDX	16.211	12.180	43.789	3.57	2.66	4.7810
4	Nitrobenzene	20.048	25.948	110.098	7.60	6.69	4.7810
5	1,2-DNB(SURR)	21.440	6.636	30.827	1.94	1.87	1.8718
7	3,5-DNA	22.994	32.068	129.467	9.40	7.86	4.8591
8	1,3-DNB	23.436	36.712	158.162	10.76	9.60	4.7272
10	2-NT	24.898	16.723	86.056	4.90	5.23	4.7428
11	4-NT	25.202	14.288	83.357	4.19	5.06	4.6727
12	4-A-2,6-DNT	25.369	18.462	92.257	5.41	5.60	4.7801
13	3-NT	26.115	21.111	111.763	6.19	6.79	5.0009
14	2-A-4,6-DNT	26.206	25.675	134.945	7.52	8.19	4.6247
15	1,3,5-TNB	26.427	25.252	122.858	7.40	7.46	4.7350
16	2,6-DNT	27.606	17.164	88.301	5.03	5.36	4.7145
17	2,4-DNT	28.065	34.510	175.307	10.11	10.64	4.7651
18	Tetryl	30.602	19.830	108.599	5.81	6.59	4.6125
19	2,4,6-TNT	31.506	24.676	128.277	7.23	7.79	4.6557
Total:			**340.654**	**1643.541**	**99.81**	**99.80**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
8	Nitroglycerin	24.129	12.664	68.216	2.43	2.67	4.8215
21	PETN	32.046	13.130	80.757	2.51	3.16	4.6668
Total:			**25.794**	**148.974**	**4.94**	**5.83**	

Manual Integrations Reasons in Red

By Shaun West at 10:54 am, Oct 13, 2022

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Chromeleon 7.3.0.60919

Advanced Environmental Laboratories, Inc.

Continuing Calibration Verification Summary Report

FORM 7

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Calibration Date/Time: 11/22/2022 17:55:00 **Lab File ID:** S22A005|S22B005

Instrument ID: J11S **Lab Sample ID:** 8330 CCV3

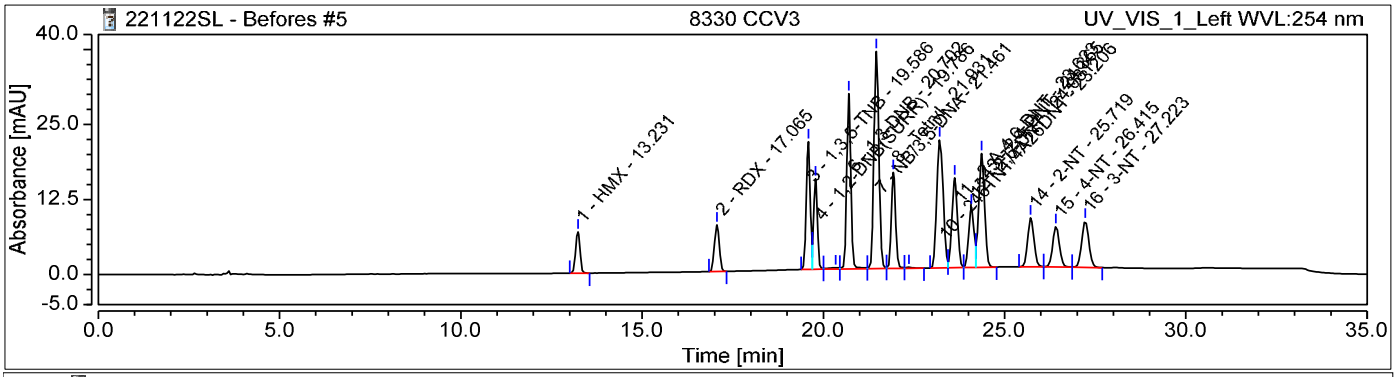
Parameter	Spike Added	CCV Result(1)	CCV Result(2)	CCV %D (1)	Q	CCV %D (2)	Q	QC Limits % D
1,3-Dinitrobenzene	0.500	0.490	0.473	1.9		5.4		20
2,4,6-Trinitrotoluene (TNT)	0.500	0.472	0.490	5.6		2.0		20
2,4-Dinitrotoluene (2,4-DNT)	0.500	0.468	0.471	6.3		5.7		20
2,6-Dinitrotoluene (2,6-DNT)	0.500	0.475	0.474	5.0		5.2		20
2-Amino-4,6-Dinitrotoluene	0.500	0.466	0.450	6.8		10		20
2-Nitrotoluene	0.500	0.476	0.473	4.9		5.3		20
3-Nitrotoluene	0.500	0.468	0.485	6.3		3.0		20
Nitrobenzene	0.500	0.476	0.468	4.7		6.4		20
Nitroglycerin	0.500	0.486	0.501	2.8		0.20		20
PETN	0.500	0.478	0.498	4.4		0.40		20
RDX	0.500	0.468	0.466	6.3		6.8		20
1,2-Dinitrobenzene	0.500	0.502	0.482	0.40		3.7		20

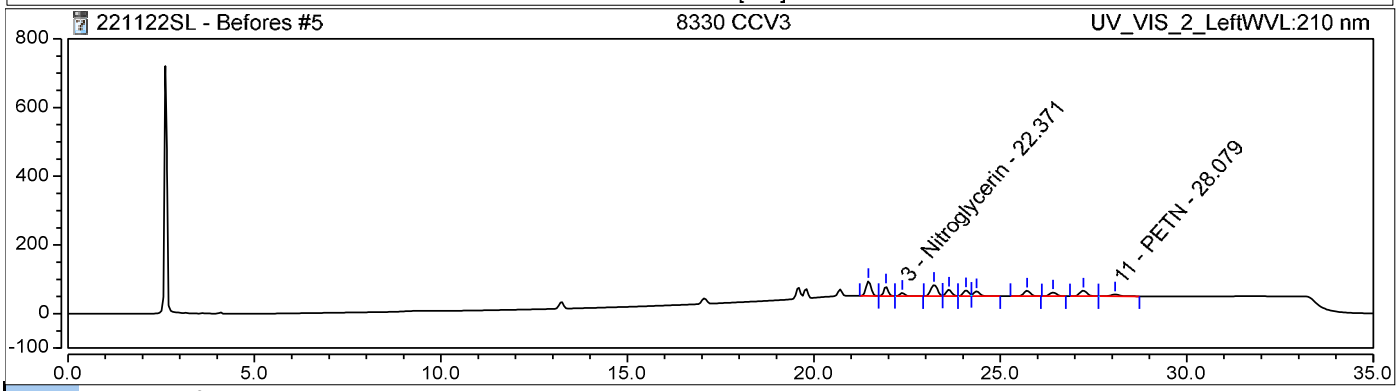
Chromatogram and Results

Injection Details

Injection Name:	**8330 CCV3**	*Analyst:*	**EMN**
File Number:	**S22A005**	*Trace:*	**LO17-106H**
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**1.0000**
Injection Date/Time:	**22/Nov/22 17:55**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.231	0.974	6.895	2.73	3.12	0.4603
2	RDX	17.065	1.221	7.746	3.42	3.51	0.4685
3	1,3,5-TNB	19.586	2.705	21.289	7.59	9.65	0.4697
4	1,2-DNB(SURR)	19.786	1.754	15.081	4.92	6.83	0.5018
6	1,3-DNB	20.702	3.842	29.204	10.77	13.23	0.4904
7	NB/3,5-DNA	21.461	5.721	36.169	16.04	16.39	0.4763
8	Tetryl	21.931	2.148	15.975	6.02	7.24	0.4791
10	246TNT/4A26DNT	23.206	4.416	21.350	12.38	9.67	0.4721
11	2-A-4,6-DNT	23.623	2.639	14.949	7.40	6.77	0.4661
12	2,6-DNT	24.081	1.704	10.054	4.78	4.56	0.4751
13	2,4-DNT	24.365	3.491	18.956	9.79	8.59	0.4683
14	2-NT	25.719	1.657	8.140	4.64	3.69	0.4756
15	4-NT	26.415	1.487	6.764	4.17	3.07	0.4906
16	3-NT	27.223	1.786	7.728	5.01	3.50	0.4683
Total:			**35.546**	**220.302**	**99.67**	**99.83**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	Nitroglycerin	22.371	1.378	9.172	3.59	4.33	0.4861
11	PETN	28.079	1.462	5.573	3.81	2.63	0.5084
Total:			**2.840**	**14.744**	**7.40**	**6.96**	

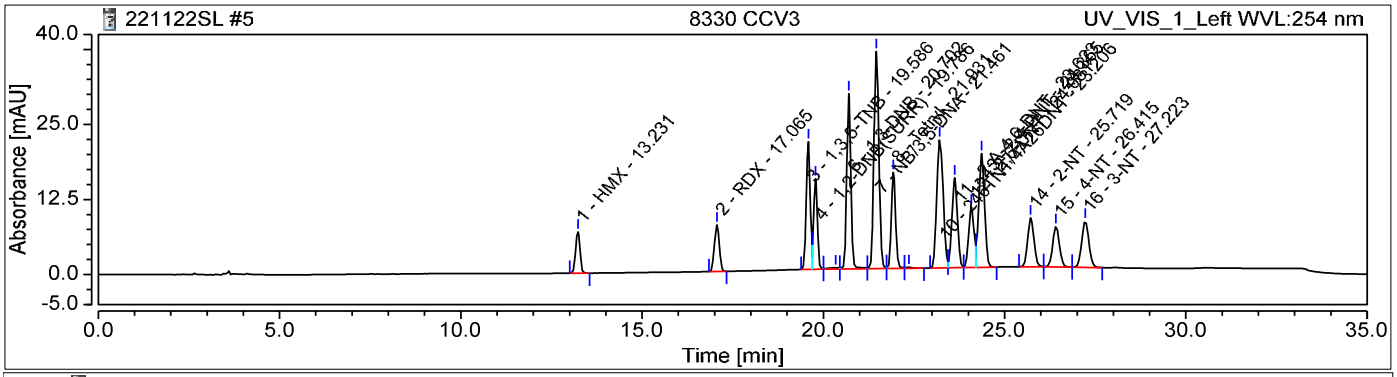
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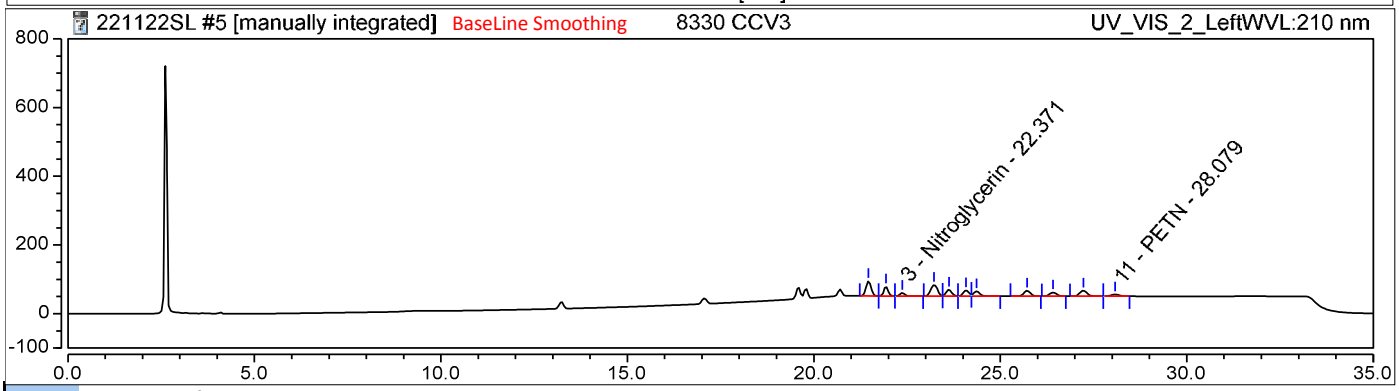
Chromatogram and Results

Injection Details

Injection Name:	**8330 CCV3**	*Analyst:*	**EMN**
File Number:	**S22A005**	*Trace:*	**LO17-106H**
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**1.0000**
Injection Date/Time:	**22/Nov/22 17:55**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.231	0.974	6.895	2.73	3.12	0.4603
2	RDX	17.065	1.221	7.746	3.42	3.51	0.4685
3	1,3,5-TNB	19.586	2.705	21.289	7.59	9.65	0.4697
4	1,2-DNB(SURR)	19.786	1.754	15.081	4.92	6.83	0.5018
6	1,3-DNB	20.702	3.842	29.204	10.77	13.23	0.4904
7	NB/3,5-DNA	21.461	5.721	36.169	16.04	16.39	0.4763
8	Tetryl	21.931	2.148	15.975	6.02	7.24	0.4791
10	246TNT/4A26DNT	23.206	4.416	21.350	12.38	9.67	0.4721
11	2-A-4,6-DNT	23.623	2.639	14.949	7.40	6.77	0.4661
12	2,6-DNT	24.081	1.704	10.054	4.78	4.56	0.4751
13	2,4-DNT	24.365	3.491	18.956	9.79	8.59	0.4683
14	2-NT	25.719	1.657	8.140	4.64	3.69	0.4756
15	4-NT	26.415	1.487	6.764	4.17	3.07	0.4906
16	3-NT	27.223	1.786	7.728	5.01	3.50	0.4683
Total:			**35.546**	**220.302**	**99.67**	**99.83**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	Nitroglycerin	22.371	1.378	9.172	3.60	4.33	0.4861
11	PETN	28.079	1.372	5.491	3.59	2.59	0.4780
Total:			**2.749**	**14.663**	**7.19**	**6.93**	

Manual Integrations Reasons in Red

By Shaun West at 5:00 pm, Jan 06, 2023

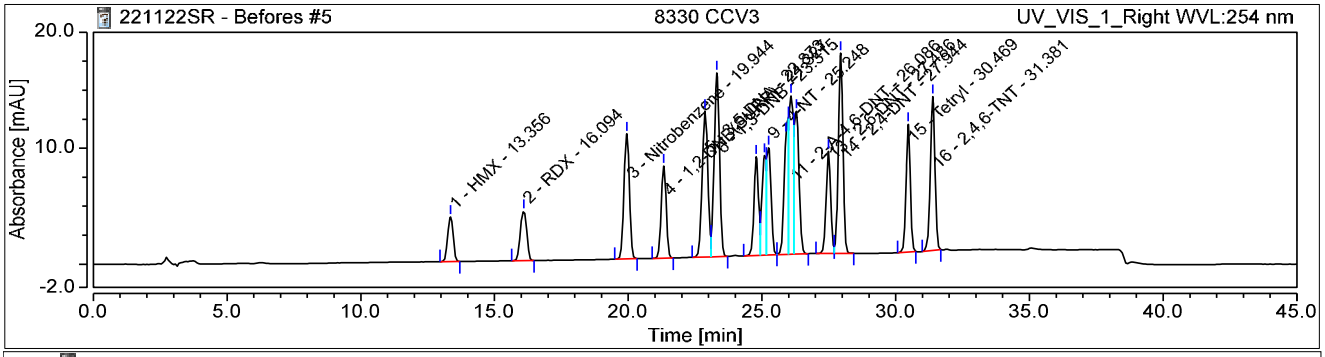
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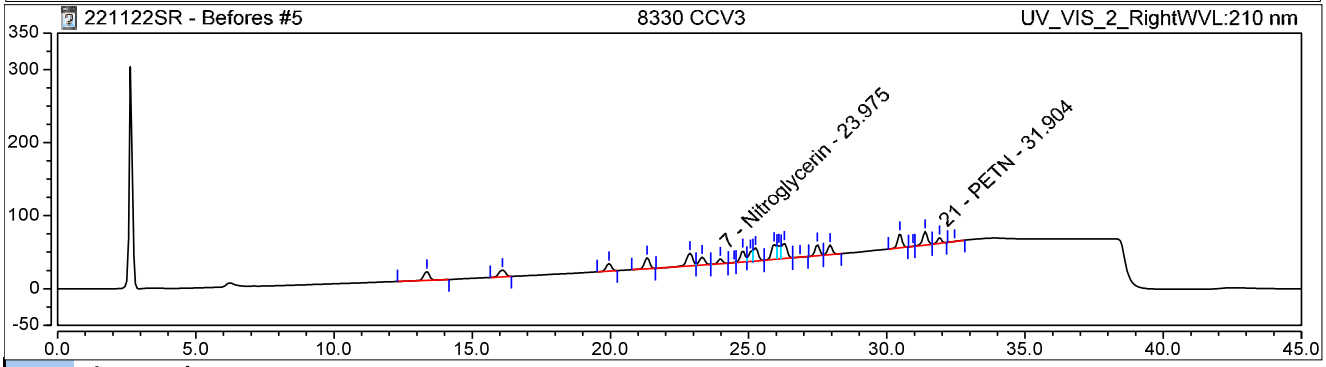
Chromatogram and Results

Injection Details

Injection Name:	**8330 CCV3**	*Analyst:*	**EMN**
File:	**S22B005**	*Trace:*	**LO17-106H**
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**1.0000**
Injection Date/Time:	**22/Nov/22 18:03**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.356	0.917	3.833	2.62	2.28	0.4565
2	RDX	16.094	1.196	4.260	3.42	2.53	0.4660
3	Nitrobenzene	19.944	2.538	10.778	7.25	6.41	0.4681
4	1,2-DNB(SURR)	21.327	1.706	7.948	4.87	4.72	0.4815
5	3,5-DNA	22.873	3.134	12.579	8.95	7.48	0.4730
6	1,3-DNB	23.315	3.679	15.839	10.51	9.41	0.4732
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
9	4-NT	25.248	1.793	9.254	5.12	5.50	0.5888
n.a.	4-A-2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
11	2-A-4,6-DNT	26.086	2.530	13.652	7.23	8.11	0.4500
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
13	2,6-DNT	27.486	1.726	8.803	4.93	5.23	0.4741
14	2,4-DNT	27.944	3.429	17.260	9.80	10.26	0.4714
15	Tetryl	30.469	2.029	11.010	5.80	6.54	0.4688
16	2,4,6-TNT	31.381	2.610	13.275	7.46	7.89	0.4898
Total:			**27.286**	**128.491**	**77.95**	**76.37**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
7	Nitroglycerin	23.975	1.252	6.706	2.30	2.54	0.5009
21	PETN	31.904	1.363	8.068	2.50	3.05	0.4981
Total:			**2.616**	**14.774**	**4.79**	**5.59**	

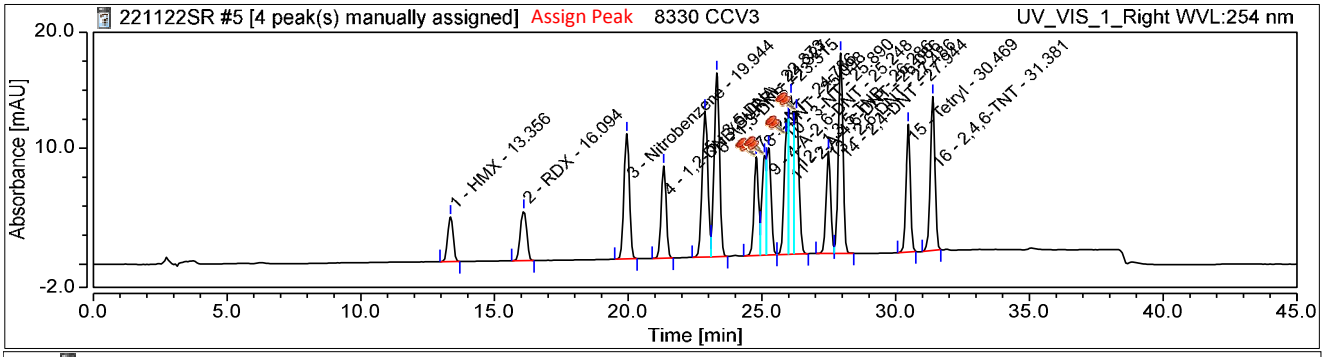
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Chromeleon 7.3.0.60919

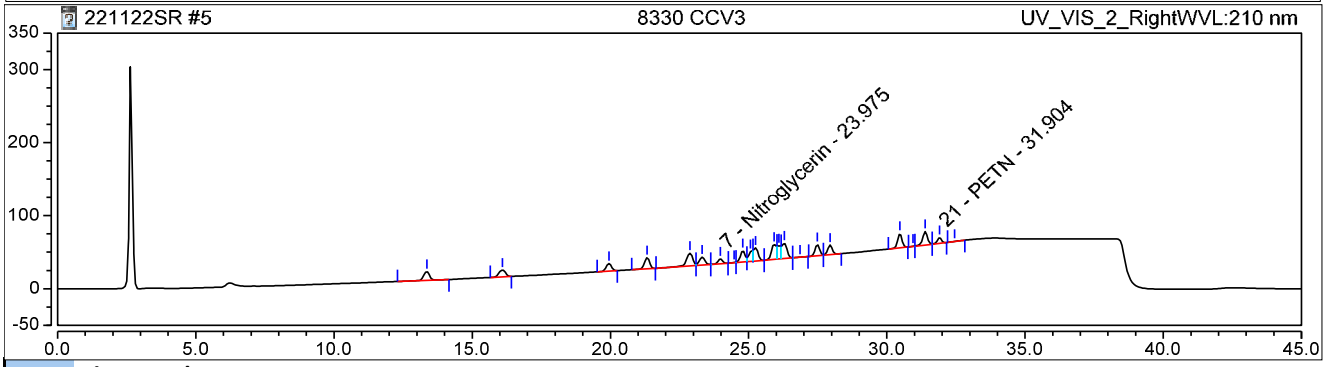
Chromatogram and Results

Injection Details

Injection Name:	**8330 CCV3**	*Analyst:*	**EMN**
File:	**S22B005**	*Trace:*	**LO17-106H**
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**1.0000**
Injection Date/Time:	**22/Nov/22 18:03**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.356	0.917	3.833	2.62	2.28	0.4565
2	RDX	16.094	1.196	4.260	3.42	2.53	0.4660
3	Nitrobenzene	19.944	2.538	10.778	7.25	6.41	0.4681
4	1,2-DNB(SURR)	21.327	1.706	7.948	4.87	4.72	0.4815
5	3,5-DNA	22.873	3.134	12.579	8.95	7.48	0.4730
6	1,3-DNB	23.315	3.679	15.839	10.51	9.41	0.4732
7	2-NT	24.786	1.662	8.500	4.75	5.05	0.4734
8	4-NT	25.098	1.493	8.604	4.26	5.11	0.4905
9	4-A-2,6-DNT	25.248	1.793	9.254	5.12	5.50	0.4616
10	3-NT	25.890	2.029	10.341	5.80	6.15	0.4850
11	2-A-4,6-DNT	26.086	2.530	13.652	7.23	8.11	0.4500
12	1,3,5-TNB	26.286	2.533	12.317	7.24	7.32	0.4715
13	2,6-DNT	27.486	1.726	8.803	4.93	5.23	0.4741
14	2,4-DNT	27.944	3.429	17.260	9.80	10.26	0.4714
15	Tetryl	30.469	2.029	11.010	5.80	6.54	0.4688
16	2,4,6-TNT	31.381	2.610	13.275	7.46	7.89	0.4898
Total:			**35.003**	**168.253**	**100.00**	**100.00**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
7	Nitroglycerin	23.975	1.252	6.706	2.30	2.54	0.5009
21	PETN	31.904	1.363	8.068	2.50	3.05	0.4981
Total:			**2.616**	**14.774**	**4.79**	**5.59**	

Manual Integrations Reasons in Red

By Shaun West at 5:17 pm, Jan 06, 2023

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Chromeleon 7.3.0.60919

Advanced Environmental Laboratories, Inc.

Continuing Calibration Verification Summary Report

FORM 7

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Calibration Date/Time: 11/23/2022 04:25:00 **Lab File ID:** S22A020|S22B020

Instrument ID: J11S **Lab Sample ID:** 8330 CCV5

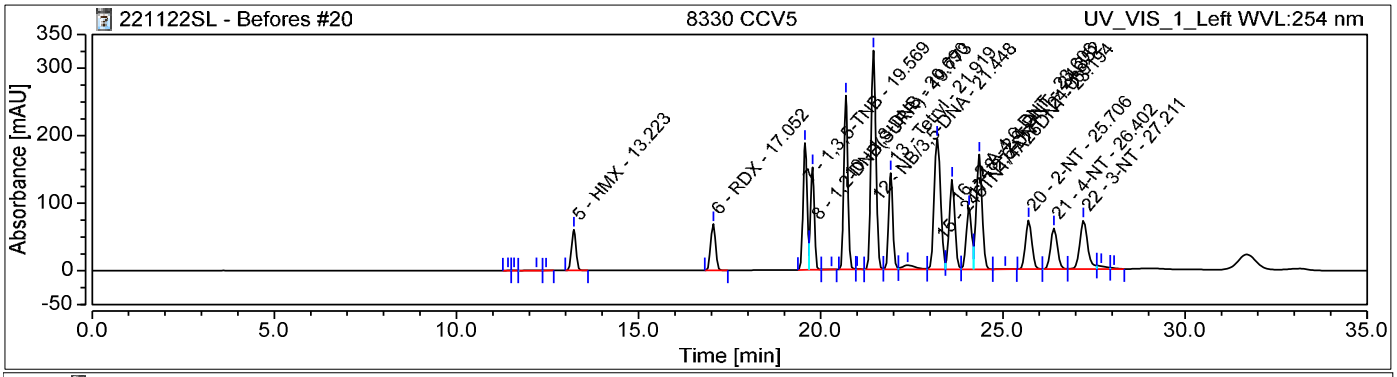
Parameter	Spike Added	CCV Result(1)	CCV Result(2)	CCV %D (1)	Q	CCV %D (2)	Q	QC Limits % D
1,3-Dinitrobenzene	5.00	4.23	4.22	16		16		20
2,4,6-Trinitrotoluene (TNT)	5.00	4.25	4.27	15		14		20
2,4-Dinitrotoluene (2,4-DNT)	5.00	4.21	4.21	16		16		20
2,6-Dinitrotoluene (2,6-DNT)	5.00	4.35	4.22	13		16		20
2-Amino-4,6-Dinitrotoluene	5.00	4.18	4.06	16		19		20
2-Nitrotoluene	5.00	4.22	4.28	16		14		20
3-Nitrotoluene	5.00	4.72	4.31	5.6		14		20
Nitrobenzene	5.00	4.21	4.21	16		16		20
Nitroglycerin	5.00	5.84	4.10	17		18		20
PETN	5.00	6.32	4.17	26	Q	16		20
RDX	5.00	4.19	4.17	16		16		20
1,2-Dinitrobenzene	5.00	5.23	4.91	4.6		1.8		20

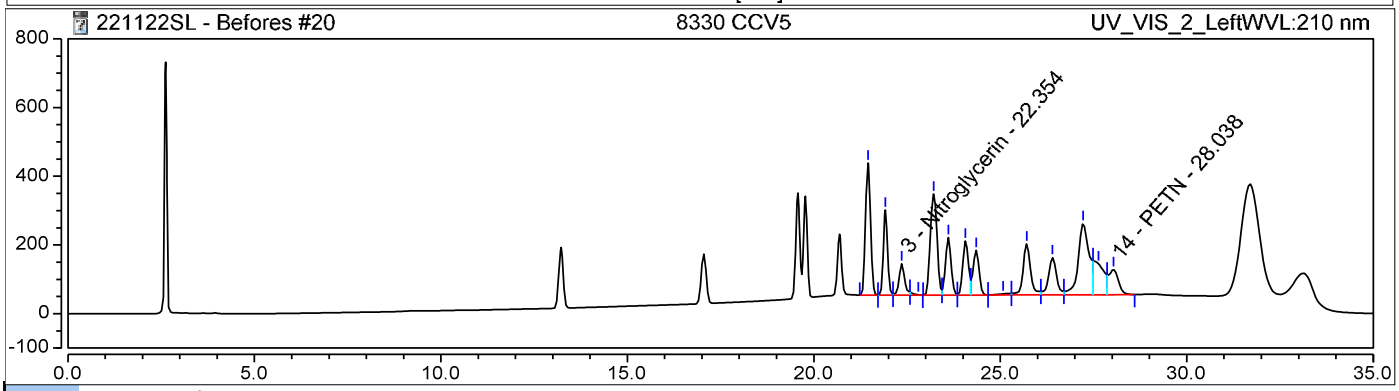
Chromatogram and Results

Injection Details

Injection Name:	**8330 CCV5**	*Analyst:*	**EMN**
File Number:	**S22A020**	*Trace:*	**LO17-106I**
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**1.0000**
Injection Date/Time:	**23/Nov/22 04:25**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
5	HMX	13.223	8.651	60.279	2.67	3.02	4.1190
6	RDX	17.052	10.867	68.410	3.36	3.43	4.1940
7	1,3,5-TNB	19.569	23.834	187.774	7.36	9.40	4.1291
8	1,2-DNB(SURR)	19.773	17.708	151.800	5.47	7.60	5.2314
10	1,3-DNB	20.690	32.994	257.278	10.19	12.88	4.2262
12	NB/3,5-DNA	21.448	50.510	324.248	15.59	16.24	4.2147
13	Tetryl	21.919	18.912	142.445	5.84	7.13	4.2209
15	246TNT/4A26DNT	23.194	39.535	193.286	12.21	9.68	4.2487
16	2-A-4,6-DNT	23.606	23.587	132.592	7.28	6.64	4.1796
17	2,6-DNT	24.069	15.577	90.640	4.81	4.54	4.3517
18	2,4-DNT	24.352	31.341	169.747	9.68	8.50	4.2121
20	2-NT	25.706	14.685	72.484	4.53	3.63	4.2234
21	4-NT	26.402	13.021	60.270	4.02	3.02	4.2949
22	3-NT	27.211	18.030	71.983	5.57	3.60	4.7183
Total:			**319.252**	**1983.236**	**98.57**	**99.31**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	Nitroglycerin	22.354	15.579	91.158	3.56	4.33	5.5366
14	PETN	28.038	22.243	73.217	5.09	3.48	7.5116
Total:			**37.823**	**164.374**	**8.65**	**7.81**	

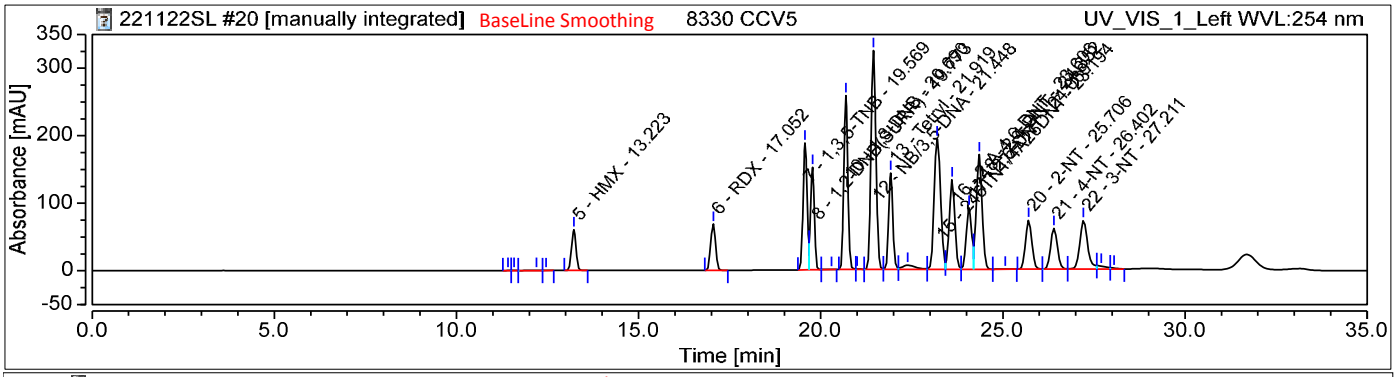
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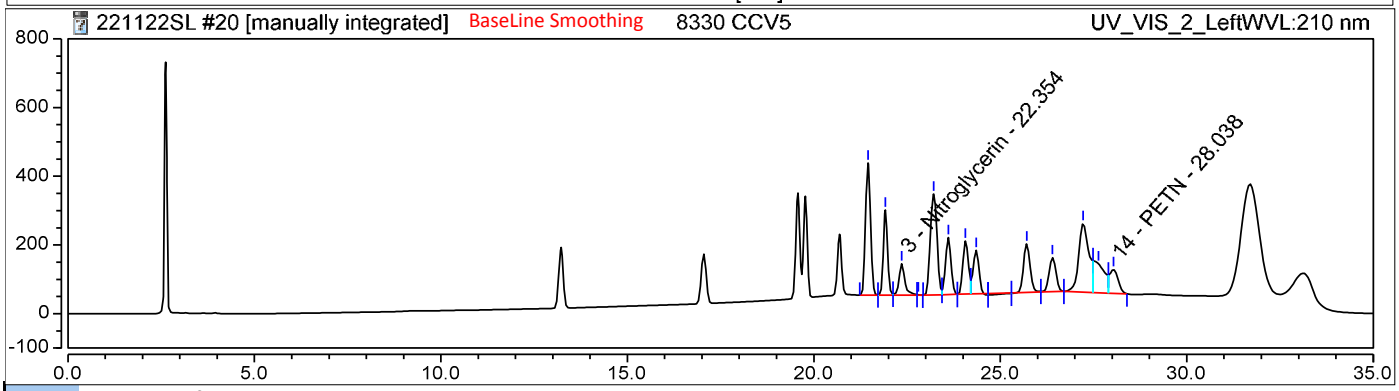
Chromatogram and Results

Injection Details

Injection Name:	**8330 CCV5**	*Analyst:*	**EMN**
File Number:	**S22A020**	*Trace:*	**LO17-106I**
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**1.0000**
Injection Date/Time:	**23/Nov/22 04:25**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
5	HMX	13.223	8.652	60.280	2.67	3.02	4.1194
6	RDX	17.052	10.867	68.410	3.36	3.43	4.1940
7	1,3,5-TNB	19.569	23.834	187.774	7.36	9.40	4.1291
8	1,2-DNB(SURR)	19.773	17.708	151.800	5.47	7.60	5.2314
10	1,3-DNB	20.690	32.994	257.278	10.19	12.88	4.2262
12	NB/3,5-DNA	21.448	50.510	324.248	15.59	16.24	4.2147
13	Tetryl	21.919	18.912	142.445	5.84	7.13	4.2209
15	246TNT/4A26DNT	23.194	39.535	193.286	12.21	9.68	4.2487
16	2-A-4,6-DNT	23.606	23.587	132.592	7.28	6.64	4.1796
17	2,6-DNT	24.069	15.577	90.640	4.81	4.54	4.3517
18	2,4-DNT	24.352	31.341	169.747	9.68	8.50	4.2121
20	2-NT	25.706	14.685	72.484	4.53	3.63	4.2234
21	4-NT	26.402	13.021	60.270	4.02	3.02	4.2949
22	3-NT	27.211	18.030	71.983	5.57	3.60	4.7183
Total:			**319.253**	**1983.237**	**98.57**	**99.31**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	Nitroglycerin	22.354	16.442	91.158	3.99	4.42	5.8434
14	PETN	28.038	18.697	69.253	4.54	3.36	6.3164
Total:			**35.139**	**160.411**	**8.53**	**7.78**	

Manual Integrations Reasons in Red

By Shaun West at 5:07 pm, Jan 06, 2023

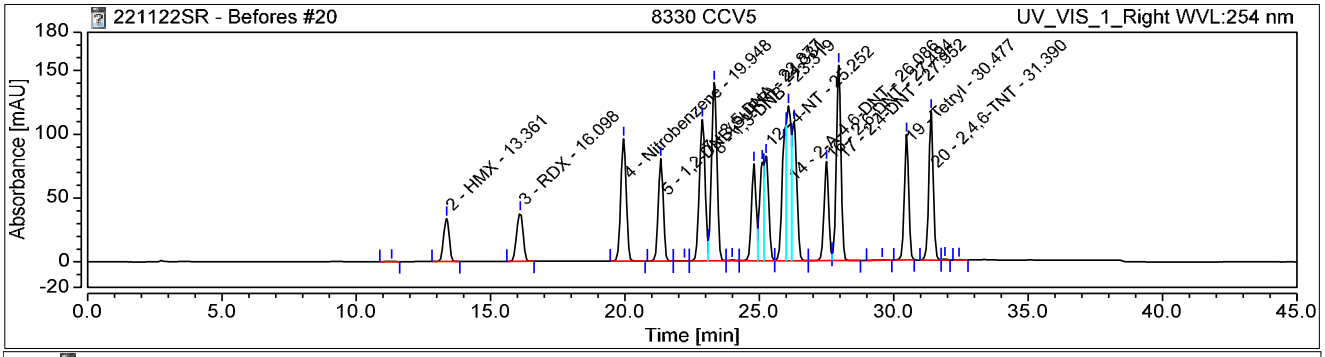
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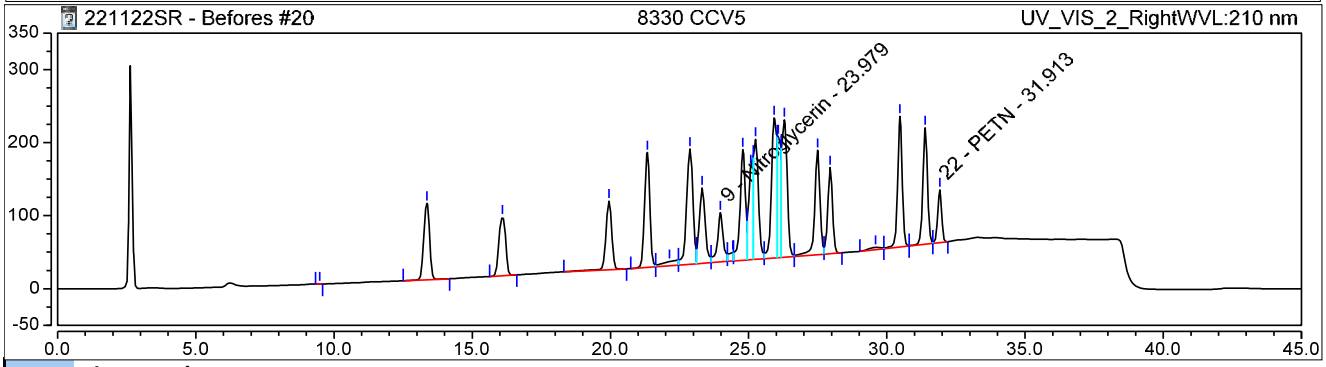
Chromatogram and Results

Injection Details

Injection Name:	**8330 CCV5**	*Analyst:*	**EMN**
File:	**S22B020**	*Trace:*	**LO17-106I**
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**1.0000**
Injection Date/Time:	**23/Nov/22 05:51**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
2	HMX	13.361	8.166	33.697	2.59	2.24	4.0963
3	RDX	16.098	10.636	37.631	3.38	2.50	4.1746
4	Nitrobenzene	19.948	22.848	95.862	7.26	6.37	4.2098
5	1,2-DNB(SURR)	21.331	17.405	80.167	5.53	5.33	4.9083
7	3,5-DNA	22.877	27.901	110.784	8.87	7.36	4.2275
8	1,3-DNB	23.319	32.776	139.686	10.41	9.28	4.2203
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
12	4-NT	25.252	16.076	82.052	5.11	5.45	5.2572
n.a.	4-A-2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
14	2-A-4,6-DNT	26.086	22.557	121.328	7.17	8.06	4.0624
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
16	2,6-DNT	27.494	15.350	77.559	4.88	5.15	4.2162
17	2,4-DNT	27.952	30.465	153.096	9.68	10.17	4.2063
19	Tetryl	30.477	18.172	98.225	5.77	6.52	4.2265
20	2,4,6-TNT	31.390	22.646	116.669	7.20	7.75	4.2725
Total:			**244.998**	**1146.756**	**77.84**	**76.18**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
9	Nitroglycerin	23.979	15.915	67.340	3.02	2.76	6.0524
22	PETN	31.913	11.740	72.127	2.23	2.95	4.1743
Total:			**27.655**	**139.468**	**5.25**	**5.71**	

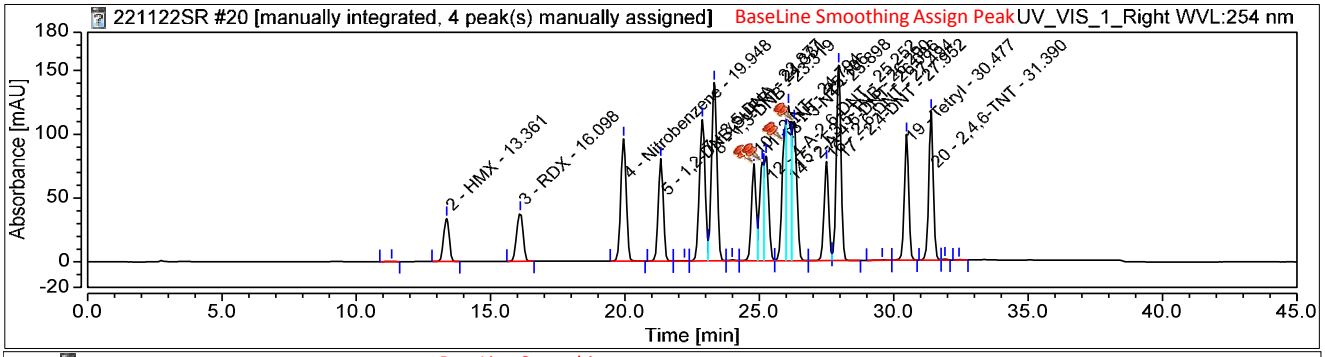
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Chromeleon 7.3.0.60919

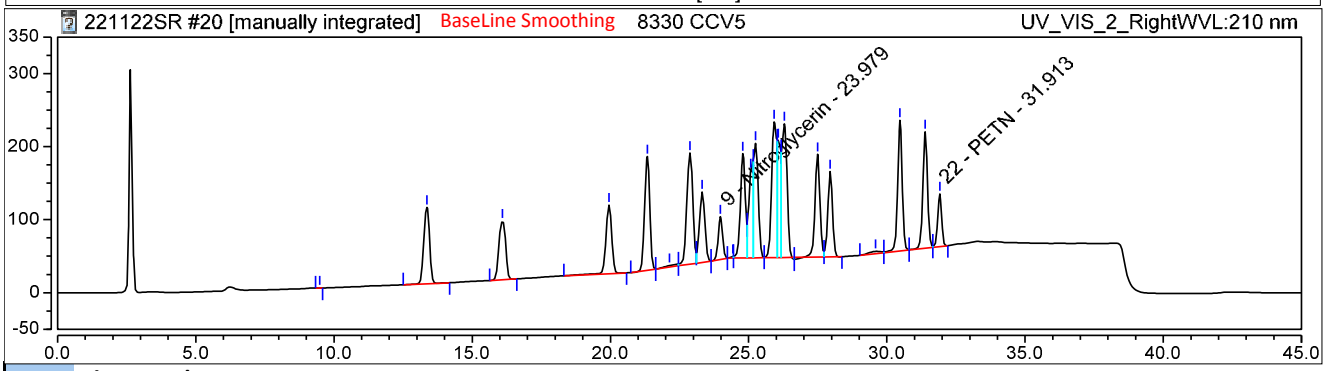
Chromatogram and Results

Injection Details

Injection Name:	**8330 CCV5**	*Analyst:*	**EMN**
File:	**S22B020**	*Trace:*	**LO17-106I**
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**1.0000**
Injection Date/Time:	**23/Nov/22 05:51**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
2	HMX	13.361	8.166	33.697	2.59	2.24	4.0963
3	RDX	16.098	10.636	37.631	3.38	2.50	4.1746
4	Nitrobenzene	19.948	22.848	95.862	7.26	6.37	4.2098
5	1,2-DNB(SURR)	21.331	17.405	80.167	5.53	5.32	4.9083
7	3,5-DNA	22.877	27.901	110.784	8.86	7.36	4.2275
8	1,3-DNB	23.319	32.776	139.686	10.41	9.28	4.2203
10	2-NT	24.794	15.086	75.993	4.79	5.05	4.2787
11	4-NT	25.106	13.219	77.282	4.20	5.13	4.3233
12	4-A-2,6-DNT	25.252	16.076	82.052	5.11	5.45	4.1620
13	3-NT	25.898	18.173	93.839	5.77	6.23	4.3057
14	2-A-4,6-DNT	26.086	22.557	121.328	7.16	8.06	4.0624
15	1,3,5-TNB	26.290	22.547	108.996	7.16	7.24	4.2274
16	2,6-DNT	27.494	15.350	77.559	4.87	5.15	4.2162
17	2,4-DNT	27.952	30.465	153.096	9.67	10.17	4.2063
19	Tetryl	30.477	18.319	98.435	5.82	6.54	4.2608
20	2,4,6-TNT	31.390	22.655	116.679	7.19	7.75	4.2741
Total:			**314.179**	**1503.087**	**99.78**	**99.83**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
9	Nitroglycerin	23.979	10.754	58.446	2.20	2.47	4.0985
22	PETN	31.913	11.740	72.127	2.40	3.05	4.1743
Total:			**22.494**	**130.573**	**4.59**	**5.52**	

Manual Integrations Reasons in Red

By Shaun West at 5:24 pm, Jan 06, 2023

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Chromeleon 7.3.0.60919

Advanced Environmental Laboratories, Inc.

Continuing Calibration Verification Summary Report

FORM 7

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Calibration Date/Time: 11/23/2022 06:31:00 **Lab File ID:** S22A023|S22B023

Instrument ID: J11S **Lab Sample ID:** 8330 CCV5

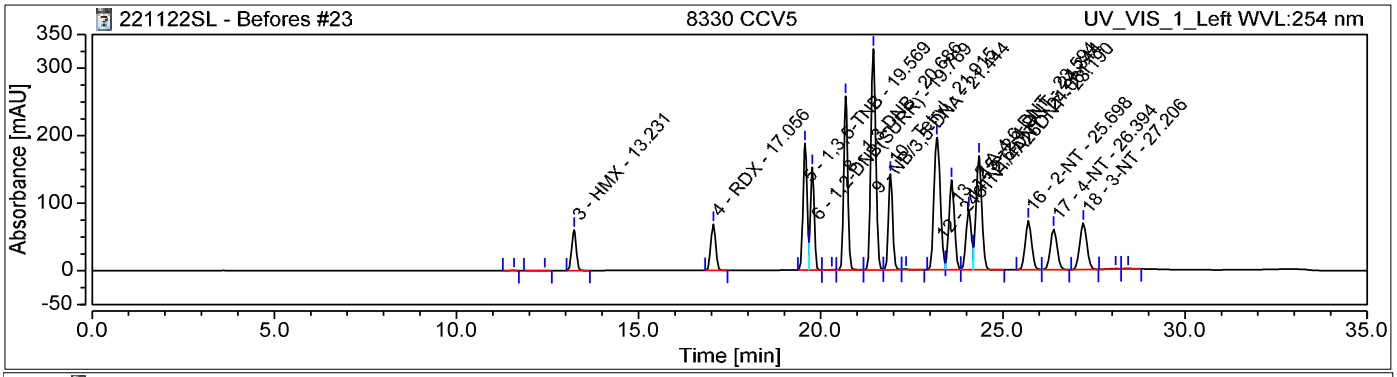
Parameter	Spike Added	CCV Result(1)	CCV Result(2)	CCV %D (1)	Q	CCV %D (2)	Q	QC Limits % D
1,3-Dinitrobenzene	5.00	4.25	4.21	15		16		20
2,4,6-Trinitrotoluene (TNT)	5.00	4.23	4.27	15		15		20
2,4-Dinitrotoluene (2,4-DNT)	5.00	4.18	4.21	16		16		20
2,6-Dinitrotoluene (2,6-DNT)	5.00	4.24	4.19	15		16		20
2-Amino-4,6-Dinitrotoluene	5.00	4.17	4.07	16		19		20
2-Nitrotoluene	5.00	4.23	4.26	15		15		20
3-Nitrotoluene	5.00	4.10	4.24	18		15		20
Nitrobenzene	5.00	4.22	4.22	16		16		20
Nitroglycerin	5.00	4.21	4.24	16		15		20
PETN	5.00	4.61	4.18	7.8		16		20
RDX	5.00	4.20	4.18	16		16		20
1,2-Dinitrobenzene	5.00	5.23	4.91	4.6		1.8		20

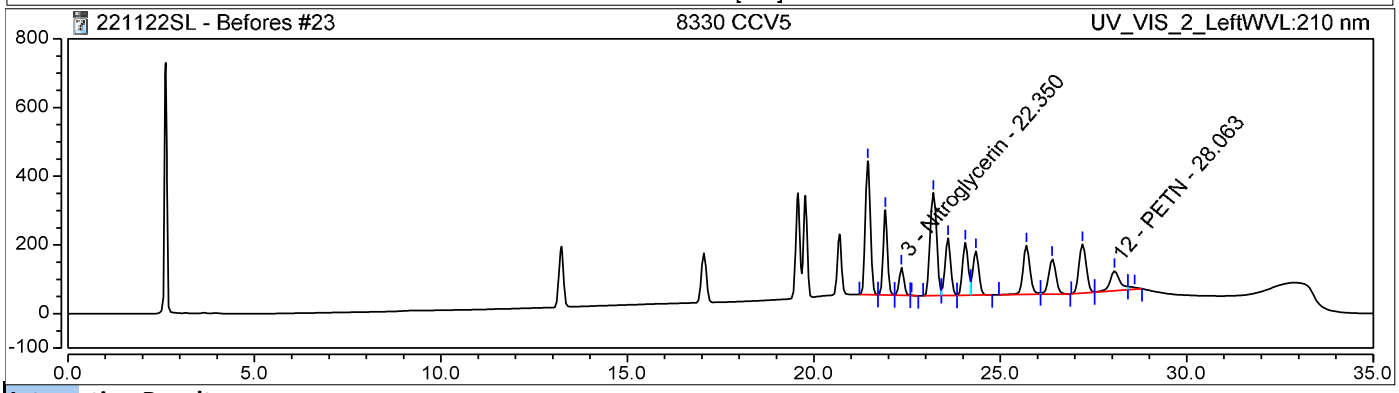
Chromatogram and Results

Injection Details

Injection Name:	**8330 CCV5**	*Analyst:*	**EMN**
File Number:	**S22A023**	*Trace:*	**LO17-106I**
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**1.0000**
Injection Date/Time:	**23/Nov/22 06:31**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	HMX	13.231	8.651	60.231	2.73	3.03	4.1189
4	RDX	17.056	10.874	68.307	3.43	3.44	4.1966
5	1,3,5-TNB	19.569	23.894	187.544	7.53	9.44	4.1395
6	1,2-DNB(SURR)	19.769	17.695	152.223	5.58	7.67	5.2278
8	1,3-DNB	20.686	33.155	257.273	10.45	12.96	4.2469
9	NB/3,5-DNA	21.444	50.625	327.230	15.95	16.48	4.2243
10	Tetryl	21.915	18.987	142.008	5.98	7.15	4.2376
12	246TNT/4A26DNT	23.190	39.371	195.861	12.41	9.86	4.2310
13	2-A-4,6-DNT	23.594	23.554	132.594	7.42	6.68	4.1739
14	2,6-DNT	24.061	15.177	89.135	4.78	4.49	4.2398
15	2,4-DNT	24.344	31.088	168.689	9.80	8.50	4.1781
16	2-NT	25.698	14.706	72.350	4.63	3.64	4.2294
17	4-NT	26.394	12.930	60.051	4.07	3.02	4.2647
18	3-NT	27.206	15.681	68.746	4.94	3.46	4.1039
Total:			**316.387**	**1982.245**	**99.70**	**99.83**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	Nitroglycerin	22.350	11.841	80.584	3.38	4.21	4.2070
12	PETN	28.063	17.679	57.569	5.04	3.01	5.9735
Total:			**29.520**	**138.153**	**8.42**	**7.21**	

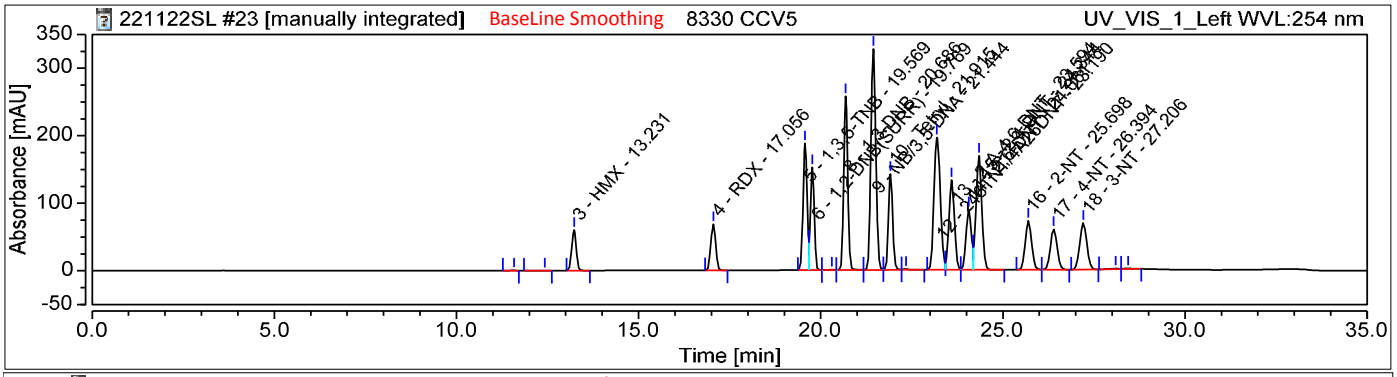
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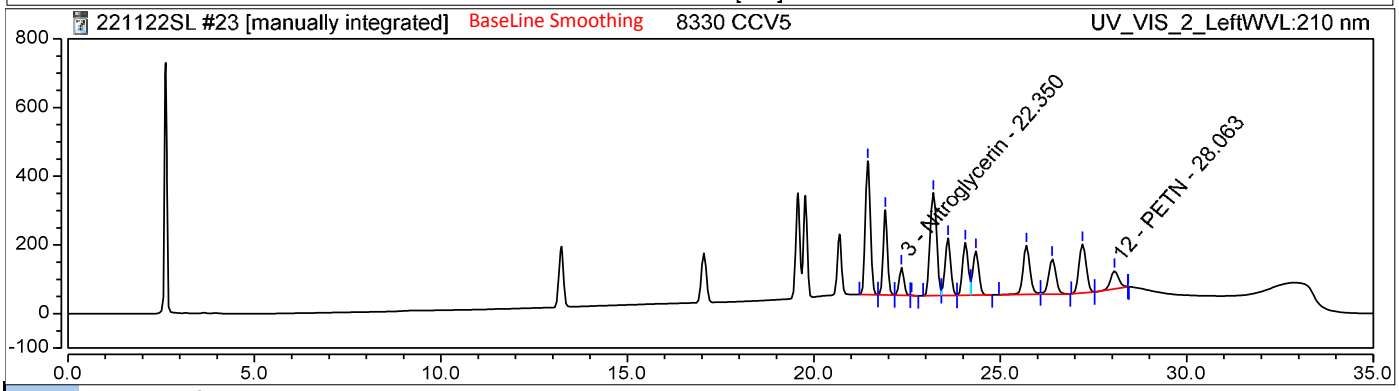
Chromatogram and Results

Injection Details

Injection Name:	**8330 CCV5**	*Analyst:*	**EMN**
File Number:	**S22A023**	*Trace:*	**LO17-106I**
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**1.0000**
Injection Date/Time:	**23/Nov/22 06:31**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	HMX	13.231	8.651	60.231	2.73	3.03	4.1189
4	RDX	17.056	10.874	68.307	3.43	3.44	4.1966
5	1,3,5-TNB	19.569	23.894	187.544	7.53	9.44	4.1395
6	1,2-DNB(SURR)	19.769	17.695	152.223	5.58	7.67	5.2278
8	1,3-DNB	20.686	33.155	257.273	10.45	12.96	4.2469
9	NB/3,5-DNA	21.444	50.625	327.230	15.95	16.48	4.2243
10	Tetryl	21.915	18.987	142.008	5.98	7.15	4.2376
12	246TNT/4A26DNT	23.190	39.371	195.861	12.41	9.86	4.2310
13	2-A-4,6-DNT	23.594	23.554	132.594	7.42	6.68	4.1739
14	2,6-DNT	24.061	15.177	89.135	4.78	4.49	4.2398
15	2,4-DNT	24.344	31.088	168.689	9.80	8.50	4.1781
16	2-NT	25.698	14.706	72.350	4.63	3.64	4.2294
17	4-NT	26.394	12.930	60.051	4.07	3.02	4.2647
18	3-NT	27.206	15.681	68.746	4.94	3.46	4.1039
Total:			**316.387**	**1982.245**	**99.70**	**99.83**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	Nitroglycerin	22.350	11.841	80.584	3.44	4.23	4.2070
12	PETN	28.063	13.630	52.325	3.96	2.75	4.6090
Total:			**25.471**	**132.909**	**7.39**	**6.98**	

Manual Integrations Reasons in Red

By Shaun West at 5:08 pm, Jan 06, 2023

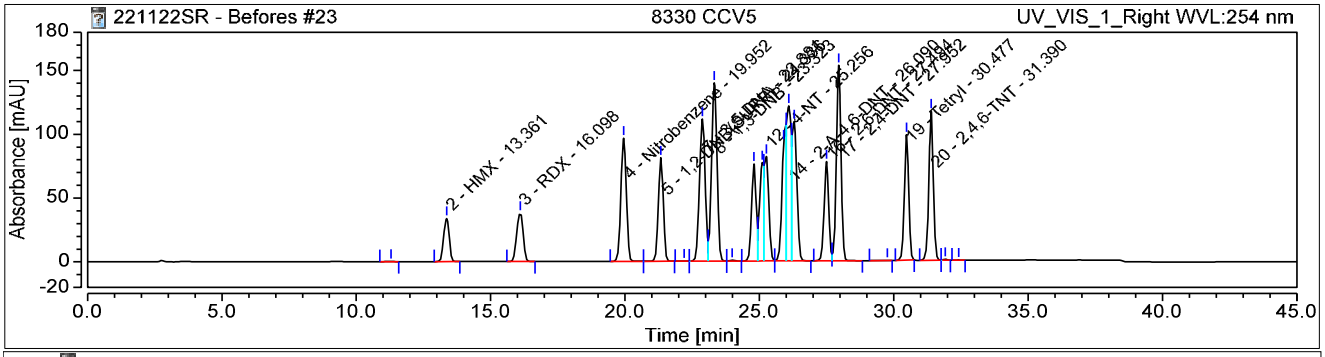
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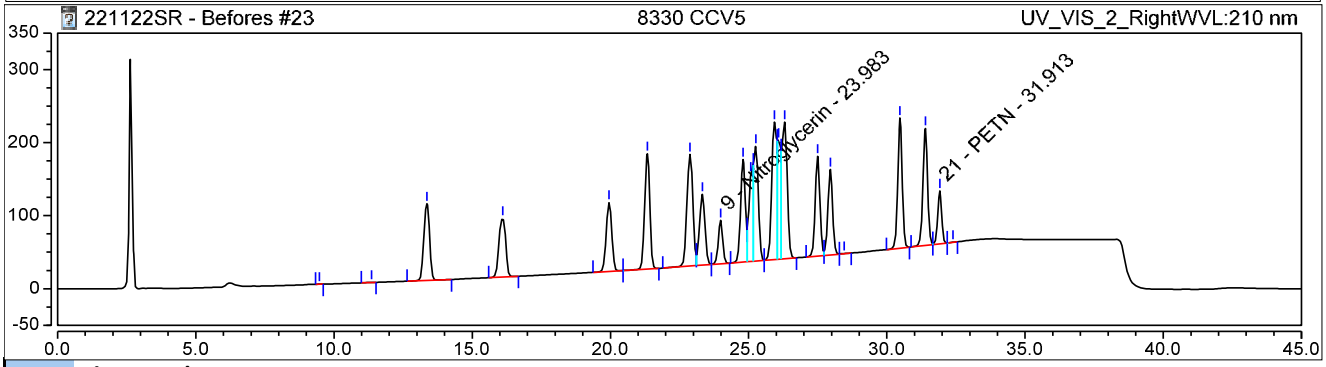
Chromatogram and Results

Injection Details

Injection Name:	**8330 CCV5**	*Analyst:*	**EMN**
File:	**S22B023**	*Trace:*	**LO17-106I**
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**1.0000**
Injection Date/Time:	**23/Nov/22 08:12**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
2	HMX	13.361	8.176	33.834	2.60	2.25	4.1013
3	RDX	16.098	10.652	37.725	3.39	2.50	4.1808
4	Nitrobenzene	19.952	22.904	96.548	7.29	6.41	4.2202
5	1,2-DNB(SURR)	21.336	17.415	80.990	5.54	5.38	4.9113
7	3,5-DNA	22.881	27.904	111.312	8.88	7.39	4.2278
8	1,3-DNB	23.323	32.722	139.632	10.42	9.27	4.2133
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
12	4-NT	25.256	15.890	81.871	5.06	5.43	5.1963
n.a.	4-A-2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
n.a.	3-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
14	2-A-4,6-DNT	26.090	22.589	121.426	7.19	8.06	4.0682
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
16	2,6-DNT	27.494	15.251	77.597	4.86	5.15	4.1893
17	2,4-DNT	27.952	30.468	153.107	9.70	10.16	4.2068
19	Tetryl	30.477	18.111	98.327	5.77	6.53	4.2123
20	2,4,6-TNT	31.390	22.616	116.942	7.20	7.76	4.2668
Total:			**244.699**	**1149.311**	**77.91**	**76.29**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
9	Nitroglycerin	23.983	11.119	59.363	2.29	2.51	4.2367
21	PETN	31.913	11.746	72.388	2.42	3.06	4.1767
Total:			**22.866**	**131.752**	**4.71**	**5.57**	

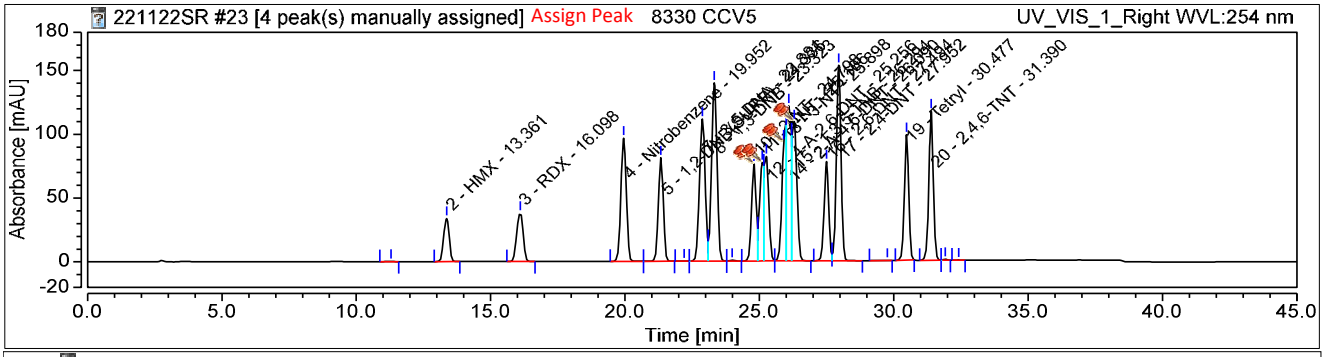
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Chromeleon 7.3.0.60919

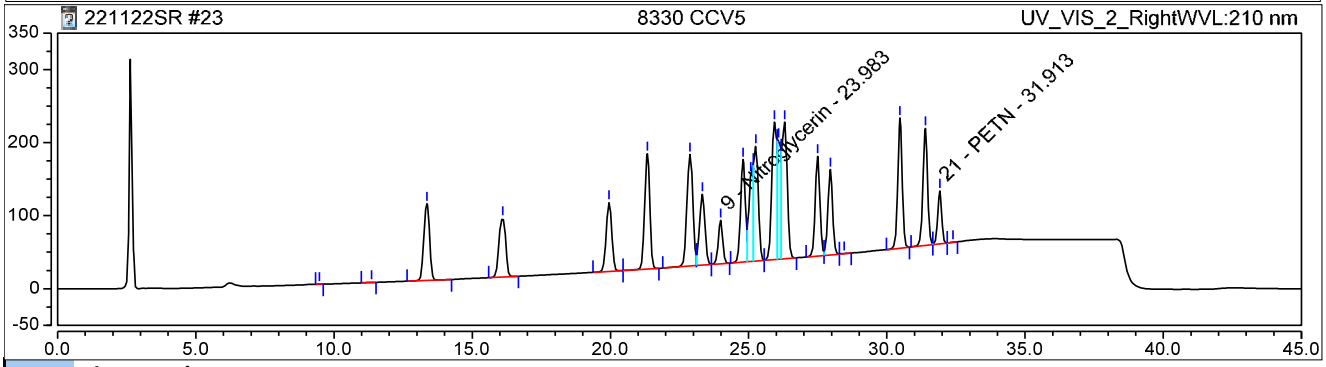
Chromatogram and Results

Injection Details

Injection Name:	**8330 CCV5**	*Analyst:*	**EMN**
File:	**S22B023**	*Trace:*	**LO17-106I**
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**1.0000**
Injection Date/Time:	**23/Nov/22 08:12**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
2	HMX	13.361	8.176	33.834	2.60	2.25	4.1013
3	RDX	16.098	10.652	37.725	3.39	2.50	4.1808
4	Nitrobenzene	19.952	22.904	96.548	7.29	6.41	4.2202
5	1,2-DNB(SURR)	21.336	17.415	80.990	5.54	5.38	4.9113
7	3,5-DNA	22.881	27.904	111.312	8.88	7.39	4.2278
8	1,3-DNB	23.323	32.722	139.632	10.42	9.27	4.2133
10	2-NT	24.798	15.002	76.015	4.78	5.05	4.2550
11	4-NT	25.106	13.287	77.070	4.23	5.12	4.3454
12	4-A-2,6-DNT	25.256	15.890	81.871	5.06	5.43	4.1137
13	3-NT	25.898	17.897	93.129	5.70	6.18	4.2402
14	2-A-4,6-DNT	26.090	22.589	121.426	7.19	8.06	4.0682
15	1,3,5-TNB	26.294	22.779	109.069	7.25	7.24	4.2709
16	2,6-DNT	27.494	15.251	77.597	4.86	5.15	4.1893
17	2,4-DNT	27.952	30.468	153.107	9.70	10.16	4.2068
19	Tetryl	30.477	18.111	98.327	5.77	6.53	4.2123
20	2,4,6-TNT	31.390	22.616	116.942	7.20	7.76	4.2668
Total:			**313.663**	**1504.595**	**99.86**	**99.87**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
9	Nitroglycerin	23.983	11.119	59.363	2.29	2.51	4.2367
21	PETN	31.913	11.746	72.388	2.42	3.06	4.1767
Total:			**22.866**	**131.752**	**4.71**	**5.57**	

Manual Integrations Reasons in Red

By Shaun West at 5:25 pm, Jan 06, 2023

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Chromeleon 7.3.0.60919

Advanced Environmental Laboratories, Inc.

Continuing Calibration Verification Summary Report

FORM 7

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Calibration Date/Time: 11/28/2022 13:49:00 **Lab File ID:** S28A005|S28B005

Instrument ID: J11S **Lab Sample ID:** 8330 CCV3

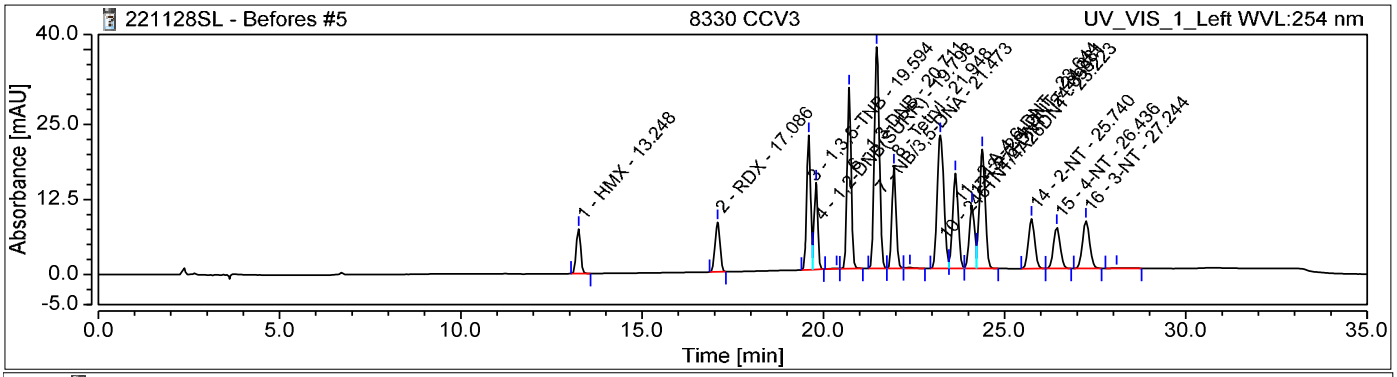
Parameter	Spike Added	CCV Result(1)	CCV Result(2)	CCV %D (1)	Q	CCV %D (2)	Q	QC Limits % D
1,3-Dinitrobenzene	0.500	0.498	0.497	0.40		0.70		20
2,4,6-Trinitrotoluene (TNT)	0.500	0.504	0.521	0.80		4.1		20
2,4-Dinitrotoluene (2,4-DNT)	0.500	0.493	0.495	1.5		1.0		20
2,6-Dinitrotoluene (2,6-DNT)	0.500	0.504	0.497	0.80		0.50		20
2-Amino-4,6-Dinitrotoluene	0.500	0.500	0.483	0		3.4		20
2-Nitrotoluene	0.500	0.485	0.494	3.0		1.2		20
3-Nitrotoluene	0.500	0.479	0.503	4.2		0.70		20
Nitrobenzene	0.500	0.495	0.484	0.90		3.2		20
Nitroglycerin	0.500	0.528	0.531	5.5		6.2		20
PETN	0.500	0.518	0.489	3.5		2.2		20
RDX	0.500	0.503	0.501	0.60		0.20		20
1,2-Dinitrobenzene	0.500	0.475	0.464	5.0		7.3		20

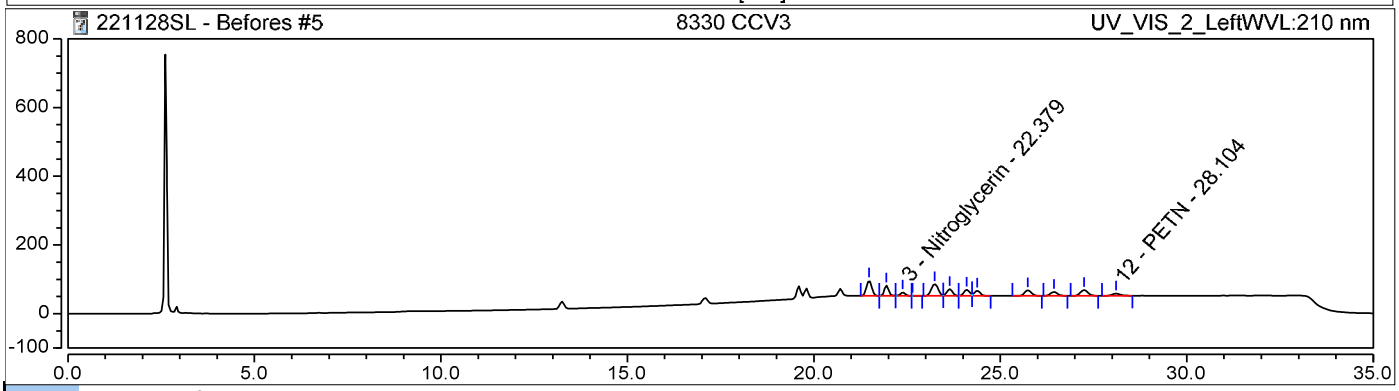
Chromatogram and Results

Injection Details

Injection Name:	**8330 CCV3**	*Analyst:*	**EMN**
File Number:	**S28A005**	*Trace:*	**LO17-107B**
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**1.0000**
Injection Date/Time:	**28/Nov/22 13:49**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.248	1.057	7.443	2.85	3.26	0.4999
2	RDX	17.086	1.310	8.282	3.53	3.63	0.5028
3	1,3,5-TNB	19.594	2.858	22.385	7.70	9.80	0.4962
4	1,2-DNB(SURR)	19.798	1.663	14.450	4.48	6.33	0.4750
6	1,3-DNB	20.711	3.901	30.178	10.50	13.21	0.4980
7	NB/3,5-DNA	21.473	5.950	36.913	16.02	16.16	0.4953
8	Tetryl	21.948	2.275	16.950	6.13	7.42	0.5075
10	246TNT/4A26DNT	23.223	4.715	22.201	12.70	9.72	0.5042
11	2-A-4,6-DNT	23.644	2.830	15.847	7.62	6.94	0.4999
12	2,6-DNT	24.098	1.807	10.503	4.87	4.60	0.5040
13	2,4-DNT	24.381	3.672	19.847	9.89	8.69	0.4926
14	2-NT	25.740	1.689	8.294	4.55	3.63	0.4850
15	4-NT	26.436	1.489	6.901	4.01	3.02	0.4913
16	3-NT	27.244	1.827	7.933	4.92	3.47	0.4790
Total:			**37.044**	**228.128**	**99.75**	**99.86**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	Nitroglycerin	22.379	1.494	9.778	3.68	4.42	0.5277
12	PETN	28.104	1.489	5.949	3.67	2.69	0.5176
Total:			**2.984**	**15.727**	**7.35**	**7.11**	

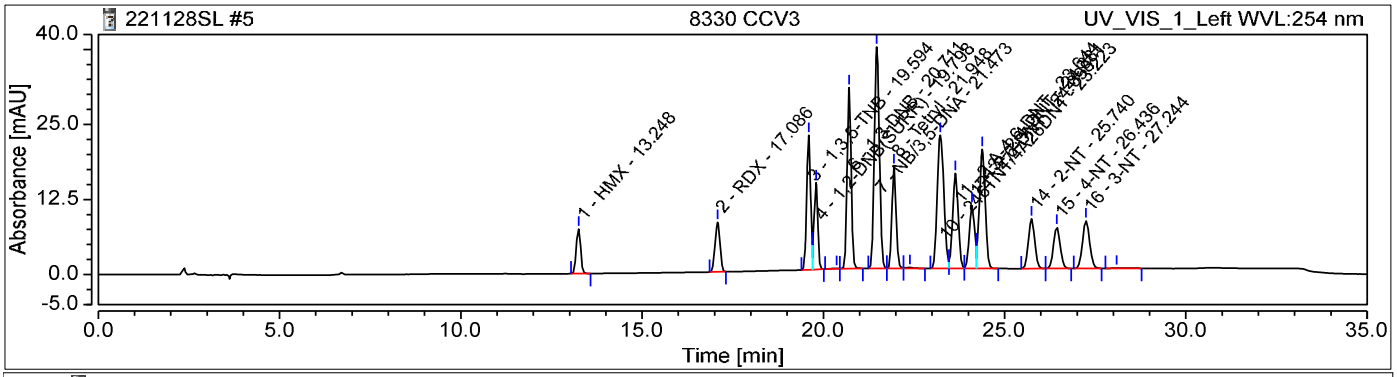
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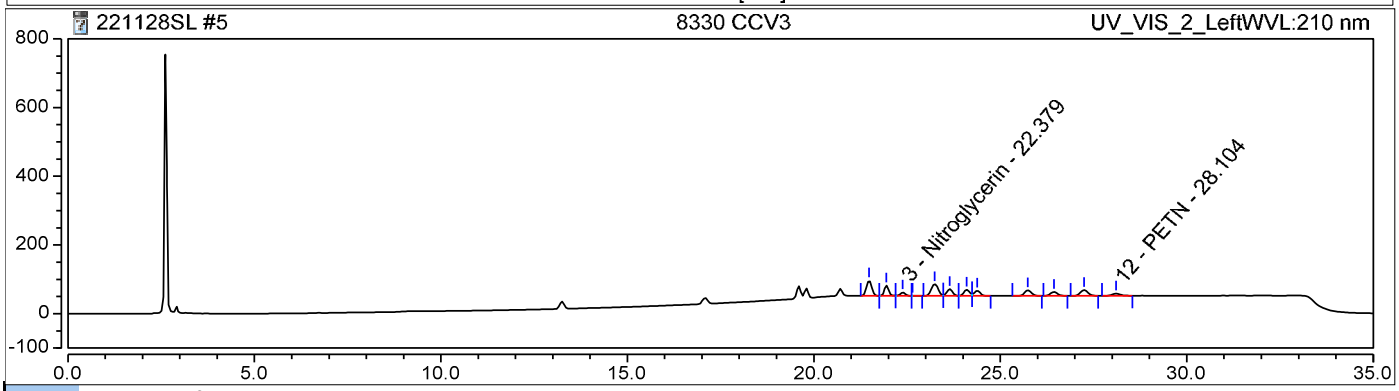
Chromatogram and Results

Injection Details

Injection Name:	**8330 CCV3**	*Analyst:*	**EMN**
File Number:	**S28A005**	*Trace:*	**LO17-107B**
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**1.0000**
Injection Date/Time:	**28/Nov/22 13:49**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.248	1.057	7.443	2.85	3.26	0.4999
2	RDX	17.086	1.310	8.282	3.53	3.63	0.5028
3	1,3,5-TNB	19.594	2.858	22.385	7.70	9.80	0.4962
4	1,2-DNB(SURR)	19.798	1.663	14.450	4.48	6.33	0.4750
6	1,3-DNB	20.711	3.901	30.178	10.50	13.21	0.4980
7	NB/3,5-DNA	21.473	5.950	36.913	16.02	16.16	0.4953
8	Tetryl	21.948	2.275	16.950	6.13	7.42	0.5075
10	246TNT/4A26DNT	23.223	4.715	22.201	12.70	9.72	0.5042
11	2-A-4,6-DNT	23.644	2.830	15.847	7.62	6.94	0.4999
12	2,6-DNT	24.098	1.807	10.503	4.87	4.60	0.5040
13	2,4-DNT	24.381	3.672	19.847	9.89	8.69	0.4926
14	2-NT	25.740	1.689	8.294	4.55	3.63	0.4850
15	4-NT	26.436	1.489	6.901	4.01	3.02	0.4913
16	3-NT	27.244	1.827	7.933	4.92	3.47	0.4790
Total:			**37.044**	**228.128**	**99.75**	**99.86**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	Nitroglycerin	22.379	1.494	9.778	3.68	4.42	0.5277
12	PETN	28.104	1.489	5.949	3.67	2.69	0.5176
Total:			**2.984**	**15.727**	**7.35**	**7.11**	

No Manual Integrations Performed

By Shaun West at 9:38 am, Jan 09, 2023

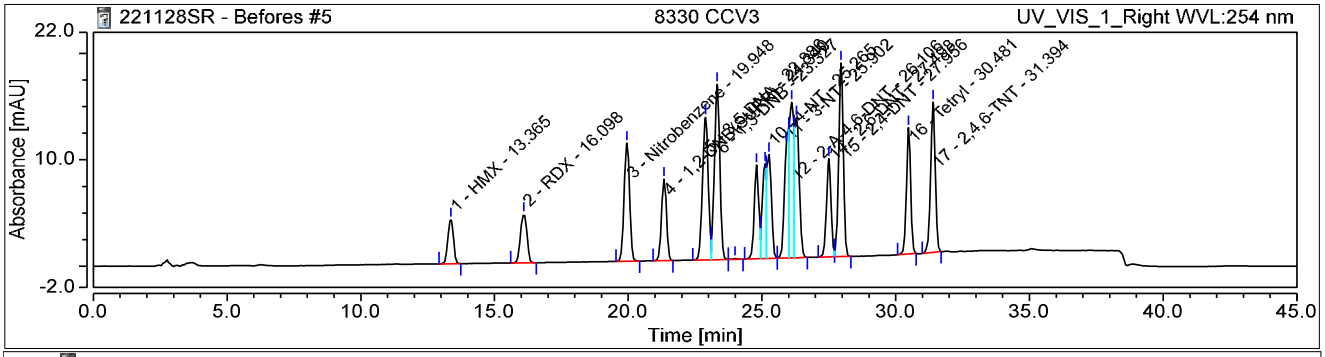
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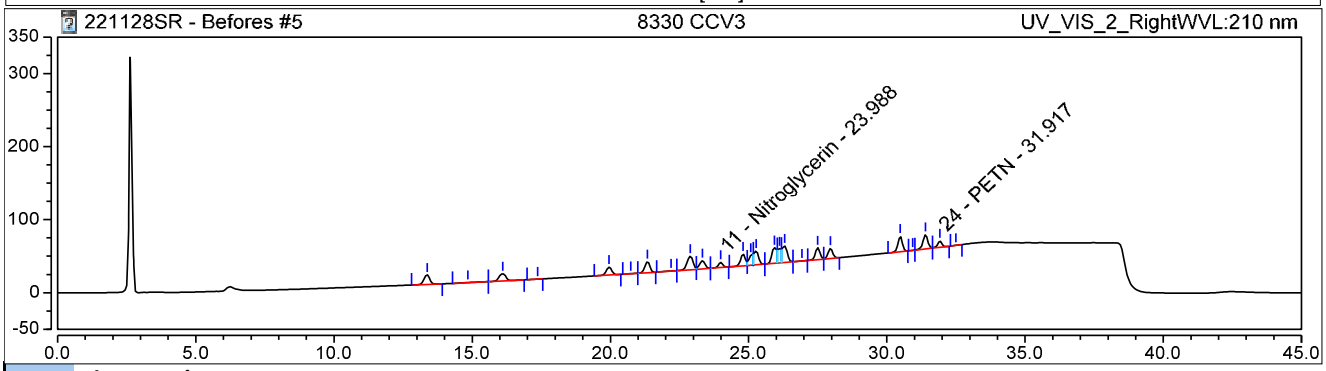
Chromatogram and Results

Injection Details

Injection Name:	**8330 CCV3**	*Analyst:*	**EMN**
File:	**S28B005**	*Trace:*	**LO17-107B**
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**1.0000**
Injection Date/Time:	**28/Nov/22 14:02**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.365	1.001	4.145	2.72	2.34	0.4988
2	RDX	16.098	1.284	4.560	3.48	2.58	0.5008
3	Nitrobenzene	19.948	2.625	11.108	7.12	6.28	0.4842
4	1,2-DNB(SURR)	21.340	1.642	7.664	4.46	4.33	0.4636
5	3,5-DNA	22.886	3.351	13.409	9.09	7.58	0.5059
6	1,3-DNB	23.327	3.861	16.484	10.48	9.32	0.4966
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
10	4-NT	25.265	1.936	9.772	5.25	5.52	0.6354
n.a.	4-A-2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
11	3-NT	25.902	2.107	10.728	5.72	6.06	0.5034
12	2-A-4,6-DNT	26.106	2.713	14.623	7.36	8.27	0.4830
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
14	2,6-DNT	27.498	1.811	9.233	4.91	5.22	0.4974
15	2,4-DNT	27.956	3.600	18.210	9.77	10.29	0.4950
16	Tetryl	30.481	2.189	11.882	5.94	6.72	0.5060
17	2,4,6-TNT	31.394	2.774	14.128	7.53	7.99	0.5207
Total:			**30.894**	**145.945**	**83.82**	**82.50**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
11	Nitroglycerin	23.988	1.333	7.131	2.29	2.55	0.5312
24	PETN	31.917	1.561	8.971	2.68	3.21	0.5682
Total:			**2.894**	**16.102**	**4.97**	**5.75**	

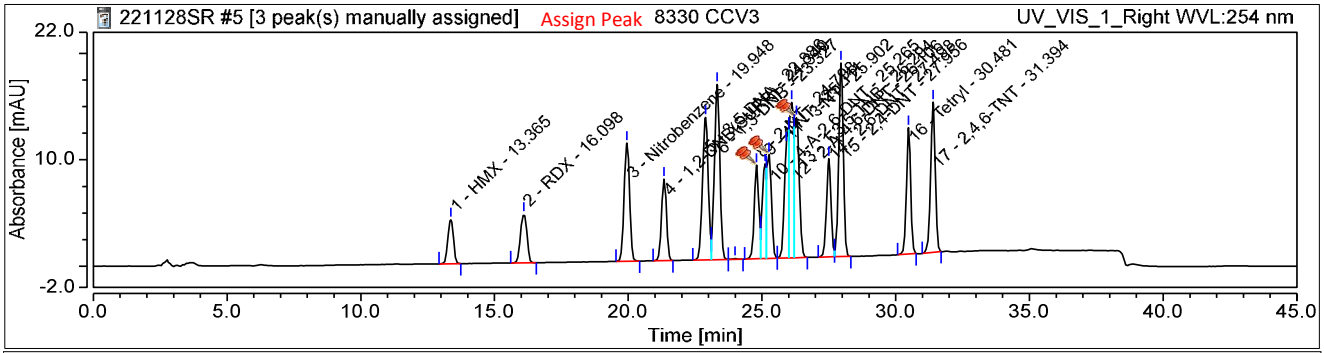
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Chromeleon 7.3.0.60919

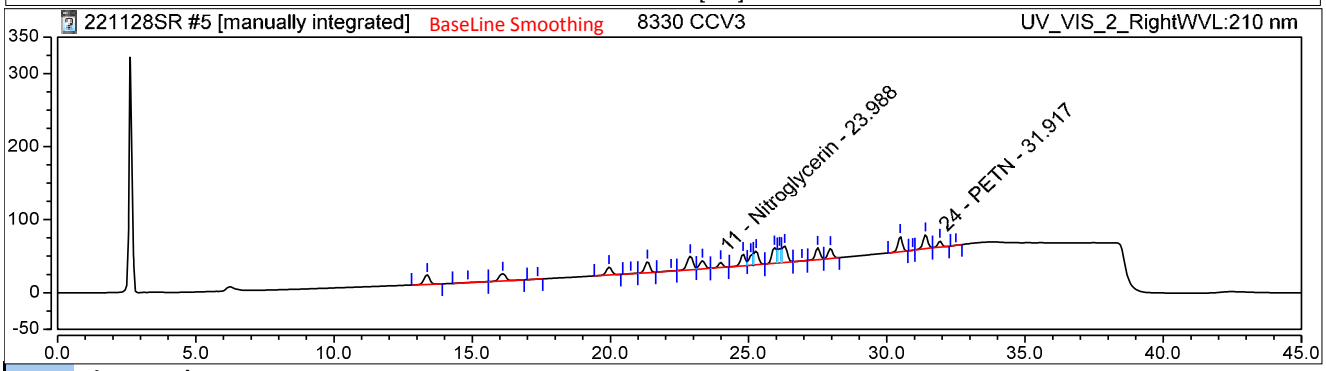
Chromatogram and Results

Injection Details

Injection Name:	**8330 CCV3**	*Analyst:*	**EMN**
File:	**S28B005**	*Trace:*	**LO17-107B**
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**1.0000**
Injection Date/Time:	**28/Nov/22 14:02**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1	HMX	13.365	1.001	4.145	2.72	2.34	0.4988
2	RDX	16.098	1.284	4.560	3.48	2.58	0.5008
3	Nitrobenzene	19.948	2.625	11.108	7.12	6.28	0.4842
4	1,2-DNB(SURR)	21.340	1.642	7.664	4.46	4.33	0.4636
5	3,5-DNA	22.886	3.351	13.409	9.09	7.58	0.5059
6	1,3-DNB	23.327	3.861	16.484	10.48	9.32	0.4966
8	2-NT	24.798	1.735	8.804	4.71	4.98	0.4942
9	4-NT	25.111	1.521	8.903	4.13	5.03	0.4997
10	4-A-2,6-DNT	25.265	1.936	9.772	5.25	5.52	0.4986
11	3-NT	25.902	2.107	10.728	5.72	6.06	0.5034
12	2-A-4,6-DNT	26.106	2.713	14.623	7.36	8.27	0.4830
13	1,3,5-TNB	26.294	2.688	13.165	7.29	7.44	0.5006
14	2,6-DNT	27.498	1.811	9.233	4.91	5.22	0.4974
15	2,4-DNT	27.956	3.600	18.210	9.77	10.29	0.4950
16	Tetryl	30.481	2.189	11.882	5.94	6.72	0.5060
17	2,4,6-TNT	31.394	2.774	14.128	7.53	7.99	0.5207
Total:			**36.838**	**176.818**	**99.95**	**99.95**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
11	Nitroglycerin	23.988	1.333	7.131	2.31	2.56	0.5312
24	PETN	31.917	1.337	8.552	2.32	3.07	0.4889
Total:			**2.670**	**15.682**	**4.63**	**5.63**	

Manual Integrations Reasons in Red

By Shaun West at 9:41 am, Jan 09, 2023

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Chromeleon 7.3.0.60919

Advanced Environmental Laboratories, Inc.

Continuing Calibration Verification Summary Report

FORM 7

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Calibration Date/Time: 11/28/2022 15:13:00 **Lab File ID:** S28A007|S28B007

Instrument ID: J11S **Lab Sample ID:** 8330 CCV5

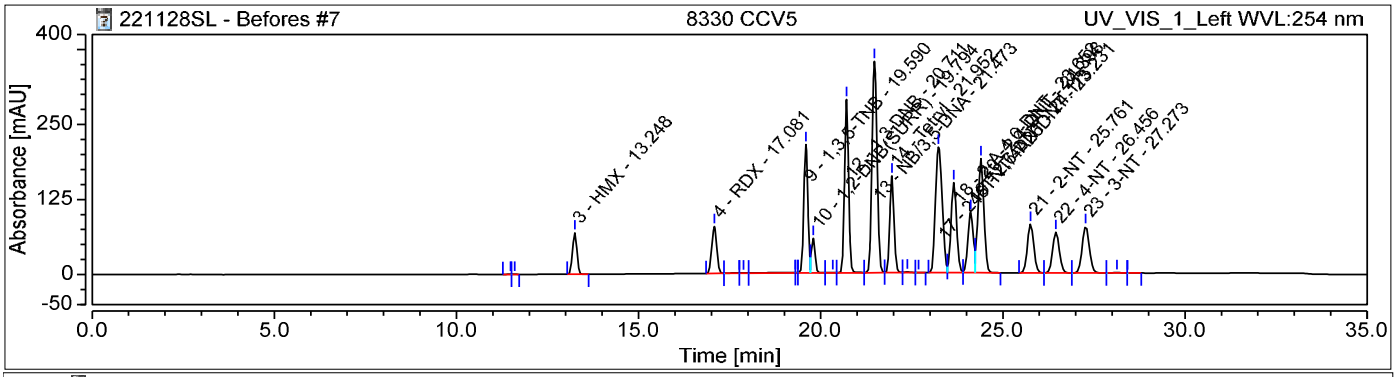
Parameter	Spike Added	CCV Result(1)	CCV Result(2)	CCV %D (1)	Q	CCV %D (2)	Q	QC Limits % D
1,3-Dinitrobenzene	5.00	4.77	4.76	4.6		4.8		20
2,4,6-Trinitrotoluene (TNT)	5.00	4.82	4.82	3.6		3.6		20
2,4-Dinitrotoluene (2,4-DNT)	5.00	4.73	4.76	5.5		4.8		20
2,6-Dinitrotoluene (2,6-DNT)	5.00	4.81	4.75	3.7		5.0		20
2-Amino-4,6-Dinitrotoluene	5.00	4.76	4.53	4.9		9.5		20
2-Nitrotoluene	5.00	4.75	4.78	5.1		4.4		20
3-Nitrotoluene	5.00	4.68	4.76	6.3		4.7		20
Nitrobenzene	5.00	4.74	4.74	5.2		5.1		20
Nitroglycerin	5.00	4.57	4.85	8.7		3.0		20
PETN	5.00	4.79	4.78	4.2		4.4		20
RDX	5.00	4.78	4.75	4.3		5.0		20
1,2-Dinitrobenzene	2.00	1.93	1.84	3.3		8.2		20

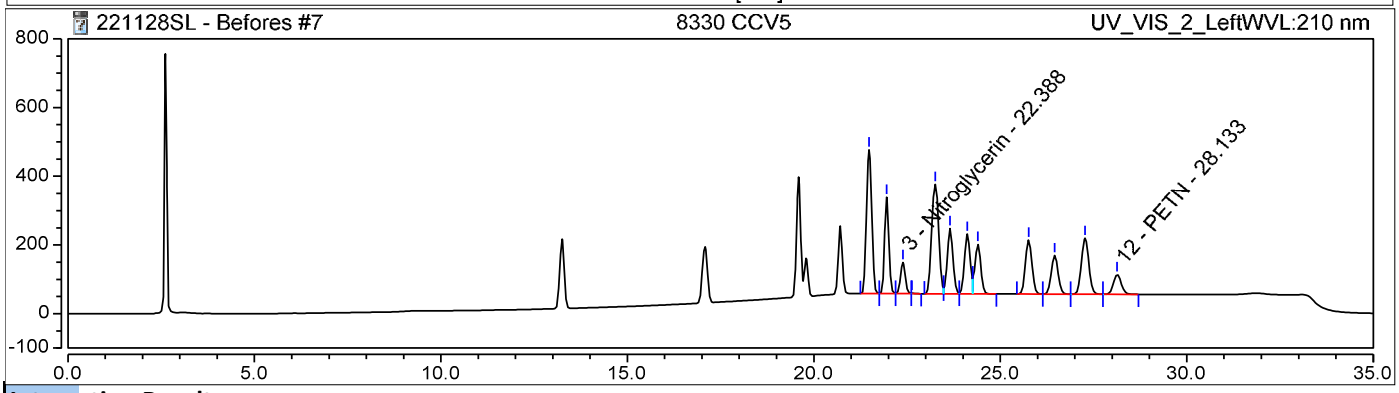
Chromatogram and Results

Injection Details

Injection Name:	**8330 CCV5**	*Analyst:*	**EMN**
File Number:	**S28A007**	*Trace:*	**LO17-107C**
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**1.0000**
Injection Date/Time:	**28/Nov/22 15:13**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	HMX	13.248	9.887	69.133	2.84	3.29	4.7080
4	RDX	17.081	12.408	77.954	3.57	3.71	4.7891
9	1,3,5-TNB	19.590	27.578	213.946	7.92	10.18	4.7776
10	1,2-DNB(SURR)	19.794	6.731	57.559	1.93	2.74	1.9772
12	1,3-DNB	20.711	37.586	288.969	10.80	13.75	4.8147
13	NB/3,5-DNA	21.473	57.260	352.015	16.45	16.75	4.7781
14	Tetryl	21.952	21.594	161.028	6.20	7.66	4.8194
17	246TNT/4A26DNT	23.231	44.828	208.839	12.88	9.94	4.8179
18	2-A-4,6-DNT	23.652	26.840	149.928	7.71	7.13	4.7564
19	2,6-DNT	24.115	17.228	100.288	4.95	4.77	4.8131
20	2,4-DNT	24.398	35.158	190.147	10.10	9.05	4.7253
21	2-NT	25.761	16.501	81.147	4.74	3.86	4.7456
22	4-NT	26.456	14.520	67.451	4.17	3.21	4.7891
23	3-NT	27.273	17.902	77.607	5.14	3.69	4.6849
Total:			**346.020**	**2096.011**	**99.43**	**99.72**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	Nitroglycerin	22.388	13.447	90.923	3.47	4.32	4.7785
12	PETN	28.133	14.167	56.922	3.66	2.70	4.7899
Total:			**27.615**	**147.845**	**7.13**	**7.02**	

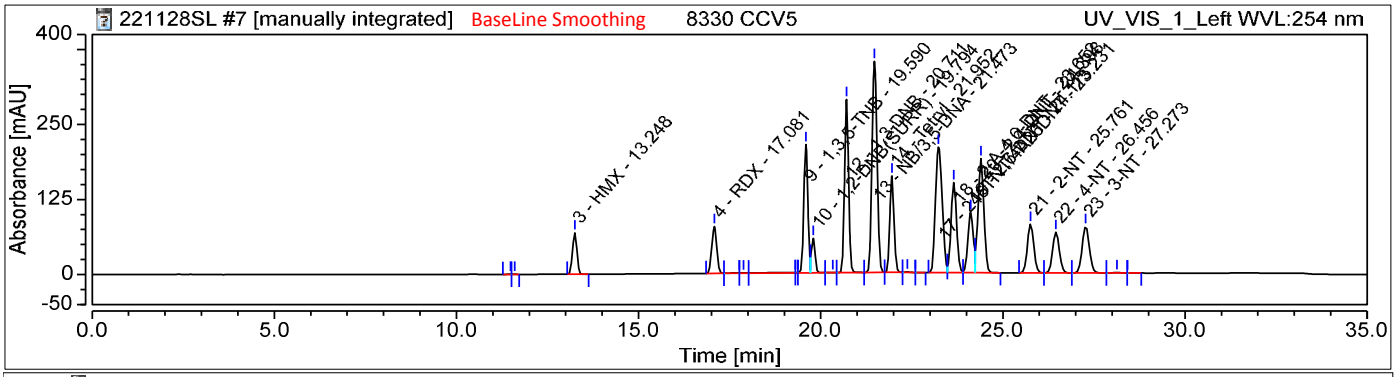
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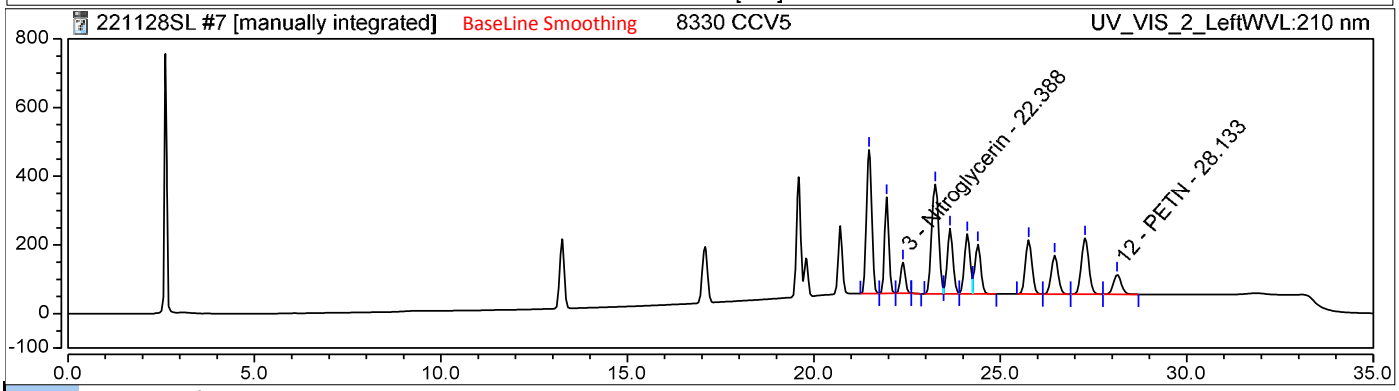
Chromatogram and Results

Injection Details

Injection Name:	**8330 CCV5**	*Analyst:*	**EMN**
File Number:	**S28A007**	*Trace:*	**LO17-107C**
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Left**
Calibration Level:		*Channel2:*	**UV_VIS_2_Left**
Instrument Method:	**Acclaim C18-2**	*Batch:*	
Processing Method:	**J11S-8330L-220310**	*CaCl Factor:*	**1.0000**
Injection Date/Time:	**28/Nov/22 15:13**	*Dilution Factor:*	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	HMX	13.248	9.887	69.133	2.86	3.30	4.7080
4	RDX	17.081	12.393	77.926	3.58	3.72	4.7833
9	1,3,5-TNB	19.590	27.469	213.619	7.94	10.18	4.7586
10	1,2-DNB(SURR)	19.794	6.583	57.207	1.90	2.73	1.9334
12	1,3-DNB	20.711	37.229	288.509	10.76	13.76	4.7690
13	NB/3,5-DNA	21.473	56.832	351.257	16.43	16.75	4.7424
14	Tetryl	21.952	21.211	160.200	6.13	7.64	4.7340
17	246TNT/4A26DNT	23.231	44.828	208.839	12.96	9.96	4.8179
18	2-A-4,6-DNT	23.652	26.840	149.928	7.76	7.15	4.7564
19	2,6-DNT	24.115	17.228	100.288	4.98	4.78	4.8131
20	2,4-DNT	24.398	35.158	190.147	10.16	9.07	4.7253
21	2-NT	25.761	16.501	81.147	4.77	3.87	4.7456
22	4-NT	26.456	14.520	67.451	4.20	3.22	4.7891
23	3-NT	27.273	17.902	77.607	5.18	3.70	4.6849
Total:			**344.580**	**2093.258**	**99.61**	**99.80**	

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
3	Nitroglycerin	22.388	12.853	89.524	3.33	4.26	4.5671
12	PETN	28.133	14.167	56.922	3.67	2.71	4.7899
Total:			**27.020**	**146.446**	**7.00**	**6.96**	

Manual Integrations Reasons in Red

By Shaun West at 9:39 am, Jan 09, 2023

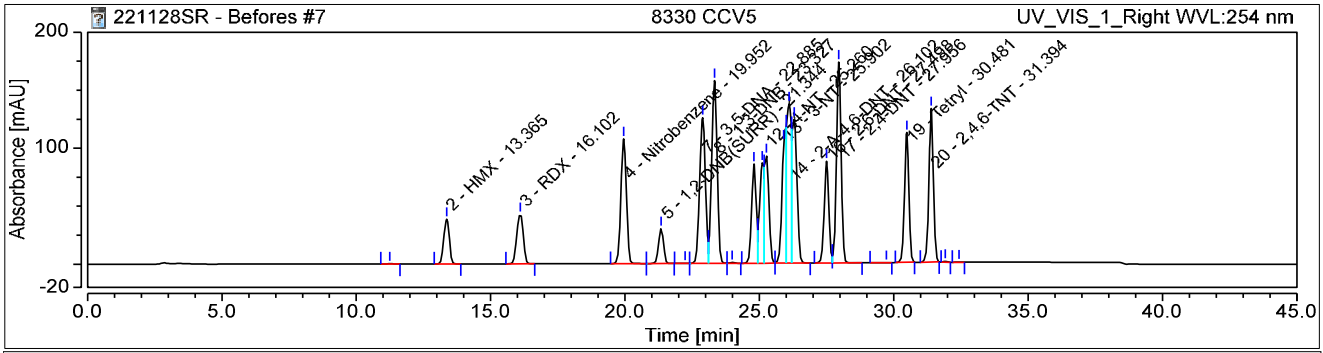
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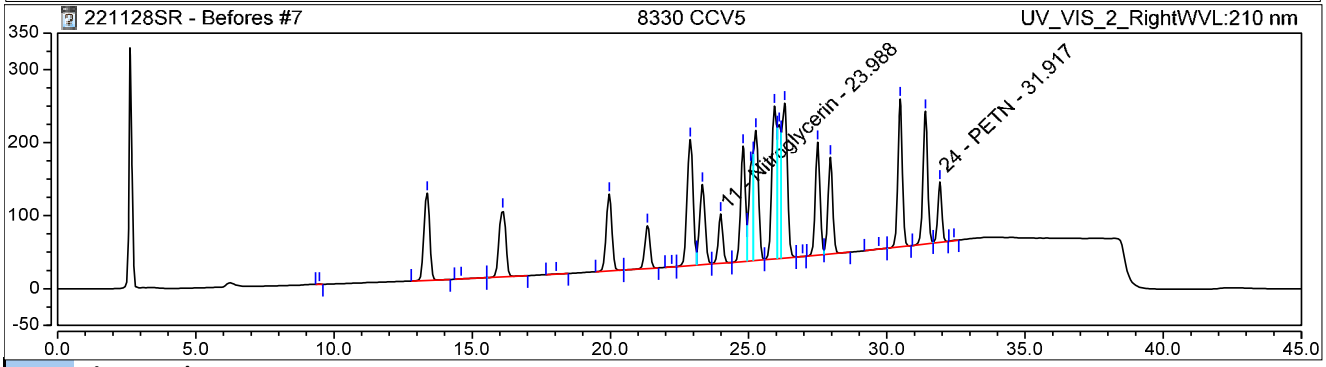
Chromatogram and Results

Injection Details

Injection Name:	**8330 CCV5**	*Analyst:*	**EMN**
File:	**S28B007**	*Trace:*	**LO17-107C**
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**1.0000**
Injection Date/Time:	**28/Nov/22 15:36**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
2	HMX	13.365	9.330	38.453	2.72	2.35	4.6805
3	RDX	16.102	12.095	42.575	3.53	2.60	4.7477
4	Nitrobenzene	19.952	25.752	107.572	7.52	6.56	4.7448
5	1,2-DNB(SURR)	21.344	6.510	30.042	1.90	1.83	1.8362
7	3,5-DNA	22.885	31.673	125.634	9.25	7.66	4.7993
8	1,3-DNB	23.327	36.976	157.524	10.79	9.61	4.7613
n.a.	2-NT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
12	4-NT	25.260	18.077	92.674	5.28	5.65	5.9112
n.a.	4-A-2,6-DNT	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
13	3-NT	25.902	20.111	104.513	5.87	6.38	4.7642
14	2-A-4,6-DNT	26.102	25.131	137.275	7.34	8.37	4.5265
n.a.	1,3,5-TNB	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
16	2,6-DNT	27.498	17.284	87.702	5.05	5.35	4.7477
17	2,4-DNT	27.956	34.490	173.153	10.07	10.56	4.7623
19	Tetryl	30.481	20.693	111.855	6.04	6.82	4.8135
20	2,4,6-TNT	31.394	25.543	132.384	7.46	8.08	4.8194
Total:			**283.665**	**1341.354**	**82.80**	**81.82**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
11	Nitroglycerin	23.988	12.743	67.376	2.42	2.64	4.8514
24	PETN	31.917	13.451	82.584	2.56	3.24	4.7807
Total:			**26.194**	**149.960**	**4.98**	**5.87**	

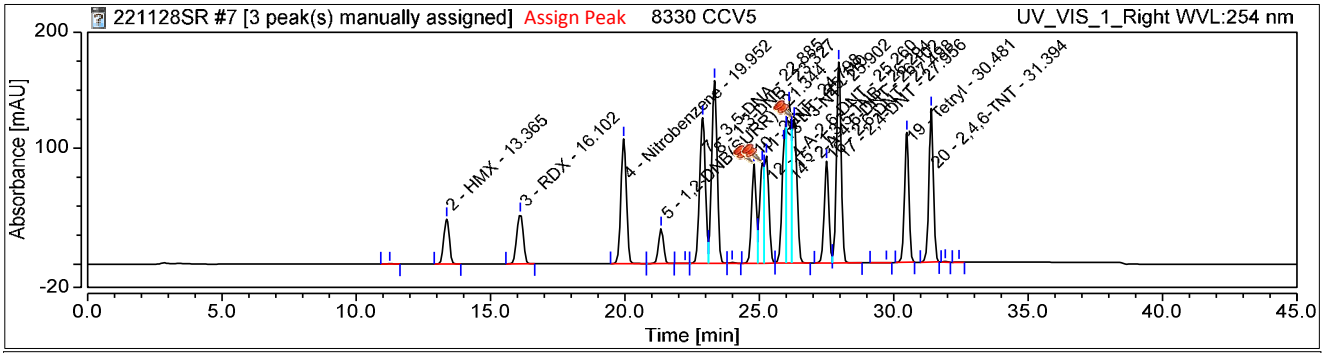
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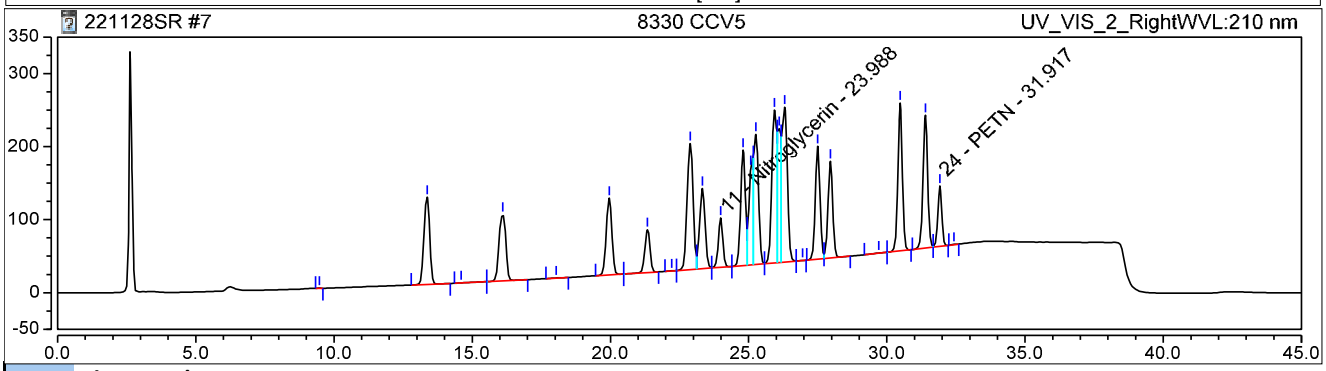
Chromatogram and Results

Injection Details

Injection Name:	**8330 CCV5**	*Analyst:*	**EMN**
File:	**S28B007**	*Trace:*	**LO17-107C**
Injection Type:	**Unknown**	*Channel1:*	**UV_VIS_1_Right**
Calibration Level:		*Channel2:*	**UV_VIS_2_Right**
Instrument Method:	**Luna**	*Batch:*	
Processing Method:	**J11S-83301R-220310**	*CaCl Factor:*	**1.0000**
Injection Date/Time:	**28/Nov/22 15:36**	Dilution Factor:	**1.0000**

Chromatogram





Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
2	HMX	13.365	9.330	38.453	2.72	2.35	4.6805
3	RDX	16.102	12.095	42.575	3.53	2.60	4.7477
4	Nitrobenzene	19.952	25.752	107.572	7.52	6.56	4.7448
5	1,2-DNB(SURR)	21.344	6.510	30.042	1.90	1.83	1.8362
7	3,5-DNA	22.885	31.673	125.634	9.25	7.66	4.7993
8	1,3-DNB	23.327	36.976	157.524	10.79	9.61	4.7613
10	2-NT	24.798	16.858	85.434	4.92	5.21	4.7811
11	4-NT	25.110	15.097	86.380	4.41	5.27	4.9370
12	4-A-2,6-DNT	25.260	18.077	92.674	5.28	5.65	4.6804
13	3-NT	25.902	20.111	104.513	5.87	6.38	4.7642
14	2-A-4,6-DNT	26.102	25.131	137.275	7.34	8.37	4.5265
15	1,3,5-TNB	26.294	26.520	124.007	7.74	7.56	4.9730
16	2,6-DNT	27.498	17.284	87.702	5.05	5.35	4.7477
17	2,4-DNT	27.956	34.490	173.153	10.07	10.56	4.7623
19	Tetryl	30.481	20.693	111.855	6.04	6.82	4.8135
20	2,4,6-TNT	31.394	25.543	132.384	7.46	8.08	4.8194
Total:			**342.140**	**1637.174**	**99.87**	**99.87**	

Integration Results

No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
11	Nitroglycerin	23.988	12.743	67.376	2.42	2.64	4.8514
24	PETN	31.917	13.451	82.584	2.56	3.24	4.7807
Total:			**26.194**	**149.960**	**4.98**	**5.87**	

Manual Integrations Reasons in Red

By Shaun West at 9:42 am, Jan 09, 2023

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Advanced Environmental Laboratories, Inc.

FORM 8

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Run Number **220310S-8330**

Method **8330B Explosives Analysis**

Instrument ID **J11S**

Sample ID	Analysis Date	Time	DF	Matrix	Data File/s	Prep Batch
8330 IB	3/10/2022	15:27:00	1	WATER	S10A002|S10B002	
8330 ICAL1	3/10/2022	16:09:00	1	WATER	S10A003|S10B003	
8330 ICAL2	3/10/2022	16:51:00	1	WATER	S10A004|S10B004	
8330 ICAL3	3/10/2022	17:33:00	1	WATER	S10A005|S10B005	
8330 ICAL4	3/10/2022	18:15:00	1	WATER	S10A006|S10B006	
8330 ICAL5	3/10/2022	18:57:00	1	WATER	S10A007|S10B007	
8330 ICAL6	3/10/2022	19:39:00	1	WATER	S10A008|S10B008	
8330 ICAL7	3/10/2022	20:21:00	1	WATER	S10A009|S10B009	
8330 IB	3/10/2022	21:03:00	1	WATER	S10A010|S10B010	
8330 ICV	3/10/2022	21:45:00	1	WATER	S10A011|S10B011	

FORM 8

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Run Number **221122S-8330**

Method **8330B Explosives Analysis**

Instrument ID **J11S**

Sample ID	Analysis Date	Time	DF	Matrix	Data File/s	Prep Batch
IB	11/22/2022	17:13:00	1	WATER	S22A004|S22B004	
8330 CCV3	11/22/2022	17:55:00	1	WATER	S22A005|S22B005	
4556339	11/22/2022	18:37:00	1	WATER	S22A006|S22B006	5220
4556340	11/22/2022	19:19:00	1	WATER	S22A007|S22B007	5220
4556343	11/22/2022	20:01:00	1	WATER	S22A008|S22B008	5220
4556342	11/22/2022	20:43:00	1	WATER	S22A009|S22B009	5220
J2215752002	11/22/2022	21:25:00	1	WATER	S22A010|S22B010	5220
J2215752003	11/22/2022	22:07:00	1	WATER	S22A011|S22B011	5220
J2215752004	11/22/2022	22:49:00	1	WATER	S22A012|S22B012	5220
J2215752006	11/23/2022	00:13:00	1	WATER	S22A014|S22B014	5220
J2215752007	11/23/2022	00:55:00	1	WATER	S22A015|S22B015	5220
J2215752008	11/23/2022	01:37:00	1	WATER	S22A016|S22B016	5220
J2215752009	11/23/2022	02:19:00	1	WATER	S22A017|S22B017	5220
J2215752010	11/23/2022	03:01:00	1	WATER	S22A018|S22B018	5220
J2215752011	11/23/2022	03:43:00	1	WATER	S22A019|S22B019	5220
8330 CCV5	11/23/2022	04:25:00	1	WATER	S22A020|S22B020	
J2215752012	11/23/2022	05:07:00	1	WATER	S22A021|S22B021	5220
J2215752014	11/23/2022	05:49:00	1	WATER	S22A022|S22B022	5220
8330 CCV5	11/23/2022	06:31:00	1	WATER	S22A023|S22B023	

Advanced Environmental Laboratories, Inc.

FORM 8

SDG No.: J2215752

Client: Environmental Chemical Corporation (ECC)

Run Number **221128S-8330-1**

Method **8330B Explosives Analysis**

Instrument ID **J11S**

Sample ID	Analysis Date	Time	DF	Matrix	Data File/s	Prep Batch
IB	11/28/2022	13:07:00	1	WATER	S28A004|S28B004	
8330 CCV3	11/28/2022	13:49:00	1	WATER	S28A005|S28B005	
J2215752005	11/28/2022	14:31:00	1	WATER	S28A006|S28B006	5220
8330 CCV5	11/28/2022	15:13:00	1	WATER	S28A007|S28B007	

Advanced Environmental Laboratories, Inc.

FORM 10A

IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

SDG No.: J2215752
Client: Environmental Chemical Corporation (ECC)

Client Sample ID

A143-RS566-GW-AEB3058-REGM

Lab Sample ID: 4556343 **SDG No.:** J2215752
Instrument ID (1): J11S **Date(s) Analyzed:** 11/22/2022 11/22/2022
Instrument ID (2): J11S

GC Column:(1) Acclaim C1 **ID:** 2.0 (mm) **GC Column:(2)** Luna **ID:** 2.0 (mm)

PARAMETER	COL	RT	RT WINDOW FROM	RT WINDOW TO	RESULTS	%D
1,3-Dinitrobenzene	1	20.71	20.67	20.73	10.4	
	2	23.35	23.28	23.34	9.17	12.6
2,4,6-Trinitrotoluene (TNT)	1	23.22	23.18	23.24	10.2	
	2	31.40	31.35	31.41	10.3	0.98
2,4-Dinitrotoluene (2,4-DNT)	1	24.38	24.34	24.40	11.4	
	2	27.97	27.91	27.97	10.3	10.1
2,6-Dinitrotoluene (2,6-DNT)	1	24.07	24.05	24.11	25.6	
	2	27.50	27.46	27.52	11.6	75.3 *
2-Amino-4,6-Dinitrotoluene	1	23.56	23.59	23.65	33.9	
	2	26.13	26.06	26.12	9.65	111 *
2-Nitrotoluene	1	25.80	25.69	25.75	21.5	
	2	24.82	24.76	24.82	11.8	58.3 *
3-Nitrotoluene	1	27.24	27.19	27.25	11.2	
	2	25.93	25.86	25.92	9.57	15.7
Nitrobenzene	1	21.47	21.43	21.49	10.1	
	2	19.97	19.91	19.97	11.2	10.3
Nitroglycerin	1	22.38	22.34	22.40	8.73	
	2	24.00	23.94	24.00	8.42	3.62
PETN	1	28.12	28.05	28.11	24.5	
	2	31.40	31.87	31.93	27.8	12.6
RDX	1	17.08	17.04	17.10	11.3	
	2	16.15	16.06	16.12	14.5	24.8

FORM 10A

IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

SDG No.: J2215752
Client: Environmental Chemical Corporation (ECC)

Client Sample ID

A143-RS566-GW-AEB3058-REGM

Lab Sample ID: 4556342 **SDG No.:** J2215752
Instrument ID (1): J11S **Date(s) Analyzed:** 11/22/2022 11/22/2022
Instrument ID (2): J11S

GC Column:(1) Acclaim C1 **ID:** 2.0 (mm) **GC Column:(2)** Luna **ID:** 2.0 (mm)

PARAMETER	COL	RT	RT WINDOW FROM	RT WINDOW TO	RESULTS	%D
1,3-Dinitrobenzene	1	20.71	20.67	20.73	9.47	
	2	23.35	23.28	23.34	8.20	14.4
2,4,6-Trinitrotoluene (TNT)	1	23.22	23.18	23.24	8.58	
	2	31.40	31.35	31.41	9.59	11.1
2,4-Dinitrotoluene (2,4-DNT)	1	24.38	24.34	24.40	9.49	
	2	27.97	27.91	27.97	9.66	1.78
2,6-Dinitrotoluene (2,6-DNT)	1	24.07	24.05	24.11	20.0	
	2	27.50	27.46	27.52	11.1	57.2 *
2-Amino-4,6-Dinitrotoluene	1	23.56	23.59	23.65	29.0	
	2	26.13	26.06	26.12	8.71	108 *
2-Nitrotoluene	1	25.82	25.69	25.75	20.2	
	2	24.82	24.76	24.82	10.9	59.8 *
3-Nitrotoluene	1	27.24	27.19	27.25	10.5	
	2	25.93	25.86	25.92	9.02	15.2
Nitrobenzene	1	21.47	21.43	21.49	9.31	
	2	19.98	19.91	19.97	10.1	8.14
Nitroglycerin	1	22.38	22.34	22.40	21.0	
	2	24.00	23.94	24.00	9.26	77.6 *
PETN	1	28.13	28.05	28.11	22.7	
	2	31.40	31.87	31.93	25.5	11.6
RDX	1	17.08	17.04	17.10	11.3	
	2	16.16	16.06	16.12	12.4	9.28

Advanced Environmental Laboratories, Inc.

FORM 10A

IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

SDG No.: J2215752
Client: Environmental Chemical Corporation (ECC)

Client Sample ID

A143-RS886-GW-AEB3072-REG

Lab Sample ID: J2215752006 **SDG No.:** J2215752
Instrument ID (1): J11S **Date(s) Analyzed:** 11/23/2022 11/23/2022
Instrument ID (2): J11S

GC Column:(1) Acclaim C1 **ID:** 2.0 (mm) **GC Column:(2)** Luna **ID:** 2.0 (mm)

PARAMETER	COL	RT	RT WINDOW FROM	RT WINDOW TO	RESULTS	%D
2,4,6-Trinitrotoluene (TNT)	1	23.21	23.18	23.24	0.082	
	2	31.39	31.35	31.41	0.32	118 *

Advanced Environmental Laboratories, Inc.

FORM 10A

IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

SDG No.: J2215752
Client: Environmental Chemical Corporation (ECC)

Client Sample ID

LCS for HBN 137598 [EXTj/5

Lab Sample ID: 4556340 **SDG No.:** J2215752
Instrument ID (1): J11S **Date(s) Analyzed:** 11/22/2022 11/22/2022
Instrument ID (2): J11S

GC Column:(1) Acclaim C1 **ID:** 2.0 (mm) **GC Column:(2)** Luna **ID:** 2.0 (mm)

PARAMETER	COL	RT	RT WINDOW FROM	RT WINDOW TO	RESULTS	%D
1,3-Dinitrobenzene	1	20.71	20.67	20.73	9.43	
	2	23.35	23.28	23.34	9.47	0.42
2,4,6-Trinitrotoluene (TNT)	1	23.22	23.18	23.24	9.48	
	2	31.40	31.35	31.41	9.77	3.01
2,4-Dinitrotoluene (2,4-DNT)	1	24.37	24.34	24.40	9.47	
	2	27.97	27.91	27.97	9.60	1.36
2,6-Dinitrotoluene (2,6-DNT)	1	24.09	24.05	24.11	9.70	
	2	27.51	27.46	27.52	9.56	1.45
2-Amino-4,6-Dinitrotoluene	1	23.63	23.59	23.65	9.34	
	2	26.11	26.06	26.12	10.2	8.80
2-Nitrotoluene	1	25.73	25.69	25.75	9.50	
	2	24.81	24.76	24.82	9.74	2.49
3-Nitrotoluene	1	27.24	27.19	27.25	9.44	
	2	25.93	25.86	25.92	8.87	6.23
Nitrobenzene	1	21.47	21.43	21.49	9.31	
	2	19.97	19.91	19.97	9.57	2.75
Nitroglycerin	1	22.38	22.34	22.40	9.01	
	2	24.00	23.94	24.00	9.55	5.82
PETN	1	28.09	28.05	28.11	9.66	
	2	31.92	31.87	31.93	9.70	0.41
RDX	1	17.07	17.04	17.10	8.62	
	2	16.13	16.06	16.12	8.65	0.35

Date Extracted:	11/22/22	11/23/22
Analyst:	EMN	EMN
Time of Extraction:	7:40	16:40
Block ID:	J11DW	
Syringes (ID):	LC7	
Sonicator ID:	N/A	
Shaker ID:	N/A	
Timer ID:	T3088	
Thermometer ID:	N/A	
Vortex ID:	J11E	
Balance ID:	N/A	
Min/Max ID:	N/A	
Syringe Filter lot#:	JCI-17J-4d	

Matrix: Water / Soil (circle one)
EPA Analysis Method: EPA 8330B
EPA Extraction Method: EPA 3535A/8330B
Prep Batch Number: 5220 137598
Analytical Batch Number: 1694 137780
DOD Spike Witness Initial and Date:

Surrogate: 1000 ppm 1,2-DNB Surr. Log JCI-196-26 DE: 11/15/23
Spike A: JCI-15N-4 DE: 5/2/23
Spike B: DE:

Date & Time In	Date & Time Out	Min Temp (°C)	Max Temp (°C)
N/A	N/A	N/A	N/A

Reagent/materials Used	Lot Number
SPE SDBL tubes	JCI-20K-7P
Ottowa sand	N/A
5 g/L CaCl solution	SVOC L017-99A

Solvent Used	Lot#
Ext: Acetonitrile	JCI-21P-4d

	Lot #
pH Paper	1400209

QC Type	Lab Code
MB	4556339
LCS	340
LCSD	N/A
MS	4556343
MSD	4556342

Detailed Comments
RP'ed 005 due to surr. failure.

Line	Project Number (Lab Code)	Sample Name (when no Project # available, otherwise N/A)	Initial pH	pH>12	pH<2	Sample Amount mL or g	Final Vol (mL)	Spike (mL)	Surr (mL)	Spike used	Clean-up Required	Add-on
1	MB		7	N/A	N/A	1000	5	N/A	10	N/A		
2	LCS		↓	↓	↓	↓	↓	10	↓	A		
3	MS					960		↓		↓		
4	MSD					960		↓		↓		
5	J22157S2-002					990		N/A		N/A		
6	003					1000						
7	004					990						
8	005	Sediment, Cloudy.				960					Y	
9	006					970					Y	
10	007					1000						
11	008					980						
12	009					930						
13	010					960						
14	011					980						
15	012					960						
16	014		↓	↓	↓	1000	↓	↓	↓	↓		
17	J22157S2005		7	N/A	N/A	990	5	N/A	10	N/A.		X
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												

DCN: SVOC-D407
Eff. 01/27/2022 Rev. 02/24/2022

ICPMS Data Section

Result Summary Reports

Advanced Environmental Laboratories, Inc.

- FORM 1 -
INORGANIC ANALYSIS DATA PACKAGE

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Sample ID: J2215752002 **Client ID:** A143-RS566-GW-AEB3058-REG

Matrix: WATER **Date Received:** 11/18/2022 **Date Collected:** 11/17/2022 08:31

% Solids:

TOTAL **Analytical Method:** SW-846 6020A **Preparation Method:** SW-846 3010A

Analyte	CAS No.	Result	Units	C	Q	MDL	LOD	LOQ	Dil	Prep Batch	Prep Date	Prep Time	Analytical Batch	Analytical Date	Analytical Time
Arsenic	7440-38-2	5.5	ug/L			0.25	0.50	1.0	1	4441	11/29/22	07:39	2444	11/30/22	11:55
Cobalt	7440-48-4	22	ug/L			0.25	0.50	1.0	1	4441	11/29/22	07:39	2444	11/30/22	11:55
Manganese	7439-96-5	2600	ug/L			100	200	400	100	4441	11/29/22	07:39	2444	12/6/22	19:40
Nickel	7440-02-0	4.9	ug/L	J		1.2	2.5	5.0	1	4441	11/29/22	07:39	2444	11/30/22	11:55

Comments:

Advanced Environmental Laboratories, Inc.

- FORM 1 -
INORGANIC ANALYSIS DATA PACKAGE

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Sample ID: J2215752003 **Client ID:** A143-RS614-GW-AEB3063-REG

Matrix: WATER **Date Received:** 11/18/2022 **Date Collected:** 11/17/2022 09:56

% Solids:

TOTAL **Analytical Method:** SW-846 6020A **Preparation Method:** SW-846 3010A

Analyte	CAS No.	Result	Units	C	Q	MDL	LOD	LOQ	Dil	Prep Batch	Prep Date	Prep Time	Analytical Batch	Analytical Date	Analytical Time
Arsenic	7440-38-2	0.83	ug/L	J		0.25	0.50	1.0	1	4441	11/29/22	07:39	2444	11/30/22	12:35
Cobalt	7440-48-4	3.0	ug/L			0.25	0.50	1.0	1	4441	11/29/22	07:39	2444	11/30/22	12:35
Manganese	7439-96-5	3400	ug/L			100	200	400	100	4441	11/29/22	07:39	2444	12/6/22	20:09
Nickel	7440-02-0	2.5	ug/L	U		1.2	2.5	5.0	1	4441	11/29/22	07:39	2444	11/30/22	12:35

Comments:

Advanced Environmental Laboratories, Inc.

- FORM 1 -
INORGANIC ANALYSIS DATA PACKAGE

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Sample ID: J2215752004 **Client ID:** A143-RS616-GW-AEB3065-REG

Matrix: WATER **Date Received:** 11/21/2022 **Date Collected:** 11/17/2022 11:11

% Solids:

TOTAL **Analytical Method:** SW-846 6020A **Preparation Method:** SW-846 3010A

Analyte	CAS No.	Result	Units	C	Q	MDL	LOD	LOQ	Dil	Prep Batch	Prep Date	Prep Time	Analytical Batch	Analytical Date	Analytical Time
Arsenic	7440-38-2	0.85	ug/L	J		0.25	0.50	1.0	1	4449	12/1/22	07:16	2458	12/6/22	21:58
Cobalt	7440-48-4	0.49	ug/L	J		0.25	0.50	1.0	1	4449	12/1/22	07:16	2458	12/6/22	21:58
Manganese	7439-96-5	220	ug/L			10	20	40	10	4449	12/1/22	07:16	2458	12/8/22	11:10
Nickel	7440-02-0	2.4	ug/L	J		1.2	2.5	5.0	1	4449	12/1/22	07:16	2458	12/6/22	21:58

Comments:

Advanced Environmental Laboratories, Inc.

- FORM 1 -
INORGANIC ANALYSIS DATA PACKAGE

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Sample ID: J2215752005 **Client ID:** A143-RS888-GW-AEB3073-REG

Matrix: WATER **Date Received:** 11/18/2022 **Date Collected:** 11/17/2022 10:46

% Solids:

TOTAL **Analytical Method:** SW-846 6020A **Preparation Method:** SW-846 3010A

Analyte	CAS No.	Result	Units	C	Q	MDL	LOD	LOQ	Dil	Prep Batch	Prep Date	Prep Time	Analytical Batch	Analytical Date	Analytical Time
Arsenic	7440-38-2	0.53	ug/L	J		0.25	0.50	1.0	1	4441	11/29/22	07:39	2444	11/30/22	12:41
Cobalt	7440-48-4	0.50	ug/L	U		0.25	0.50	1.0	1	4441	11/29/22	07:39	2444	11/30/22	12:41
Manganese	7439-96-5	7.3	ug/L			1.0	2.0	4.0	1	4441	11/29/22	07:39	2444	11/30/22	12:41
Nickel	7440-02-0	1.4	ug/L	J		1.2	2.5	5.0	1	4441	11/29/22	07:39	2444	11/30/22	12:41

Comments:

Advanced Environmental Laboratories, Inc.

- FORM 1 -
INORGANIC ANALYSIS DATA PACKAGE

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Sample ID: J2215752006 **Client ID:** A143-RS886-GW-AEB3072-REG

Matrix: WATER **Date Received:** 11/18/2022 **Date Collected:** 11/17/2022 12:56

% Solids:

TOTAL **Analytical Method:** SW-846 6020A **Preparation Method:** SW-846 3010A

Analyte	CAS No.	Result	Units	C	Q	MDL	LOD	LOQ	Dil	Prep Batch	Prep Date	Prep Time	Analytical Batch	Analytical Date	Analytical Time
Arsenic	7440-38-2	50	ug/L	U		25	50	100	100	4449	12/1/22	07:16	2458	12/8/22	10:24
Cobalt	7440-48-4	50	ug/L	U		25	50	100	100	4449	12/1/22	07:16	2458	12/8/22	10:24
Manganese	7439-96-5	1000	ug/L			100	200	400	100	4449	12/1/22	07:16	2458	12/8/22	10:24
Nickel	7440-02-0	250	ug/L	U		130	250	500	100	4449	12/1/22	07:16	2458	12/8/22	10:24

Comments:

Advanced Environmental Laboratories, Inc.

- FORM 1 -
INORGANIC ANALYSIS DATA PACKAGE

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Sample ID: J2215752007 **Client ID:** A143-RS615-GW-AEB3064-REG

Matrix: WATER **Date Received:** 11/18/2022 **Date Collected:** 11/17/2022 12:31

% Solids:

TOTAL **Analytical Method:** SW-846 6020A **Preparation Method:** SW-846 3010A

Analyte	CAS No.	Result	Units	C	Q	MDL	LOD	LOQ	Dil	Prep Batch	Prep Date	Prep Time	Analytical Batch	Analytical Date	Analytical Time
Arsenic	7440-38-2	0.61	ug/L	J		0.25	0.50	1.0	1	4449	12/1/22	07:16	2458	12/6/22	20:32
Cobalt	7440-48-4	1.1	ug/L			0.25	0.50	1.0	1	4449	12/1/22	07:16	2458	12/6/22	20:32
Manganese	7439-96-5	75	ug/L			1.0	2.0	4.0	1	4449	12/1/22	07:16	2458	12/6/22	20:32
Nickel	7440-02-0	8.9	ug/L			1.2	2.5	5.0	1	4449	12/1/22	07:16	2458	12/6/22	20:32

Comments:

Advanced Environmental Laboratories, Inc.

- FORM 1 -
INORGANIC ANALYSIS DATA PACKAGE

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Sample ID: J2215752008 **Client ID:** A143-RS569-GW-AEB3062-REG

Matrix: WATER **Date Received:** 11/18/2022 **Date Collected:** 11/17/2022 13:46

% Solids:

TOTAL **Analytical Method:** SW-846 6020A **Preparation Method:** SW-846 3010A

Analyte	CAS No.	Result	Units	C	Q	MDL	LOD	LOQ	Dil	Prep Batch	Prep Date	Prep Time	Analytical Batch	Analytical Date	Analytical Time
Arsenic	7440-38-2	9.5	ug/L			0.25	0.50	1.0	1	4449	12/1/22	07:16	2458	12/6/22	21:12
Cobalt	7440-48-4	16	ug/L			0.25	0.50	1.0	1	4449	12/1/22	07:16	2458	12/6/22	21:12
Manganese	7439-96-5	390	ug/L			10	20	40	10	4449	12/1/22	07:16	2458	12/8/22	10:36
Nickel	7440-02-0	14	ug/L			1.2	2.5	5.0	1	4449	12/1/22	07:16	2458	12/6/22	21:12

Comments:

Advanced Environmental Laboratories, Inc.

- FORM 1 -
INORGANIC ANALYSIS DATA PACKAGE

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Sample ID: J2215752009 **Client ID:** 143-RS2648-GW-AEB3085-REG

Matrix: WATER **Date Received:** 11/18/2022 **Date Collected:** 11/17/2022 15:16

% Solids:

TOTAL **Analytical Method:** SW-846 6020A **Preparation Method:** SW-846 3010A

Analyte	CAS No.	Result	Units	C	Q	MDL	LOD	LOQ	Dil	Prep Batch	Prep Date	Prep Time	Analytical Batch	Analytical Date	Analytical Time
Arsenic	7440-38-2	6.2	ug/L			0.25	0.50	1.0	1	4449	12/1/22	07:16	2458	12/6/22	21:18
Cobalt	7440-48-4	14	ug/L			0.25	0.50	1.0	1	4449	12/1/22	07:16	2458	12/6/22	21:18
Manganese	7439-96-5	2600	ug/L			50	100	200	50	4449	12/1/22	07:16	2458	12/8/22	10:41
Nickel	7440-02-0	32	ug/L			1.2	2.5	5.0	1	4449	12/1/22	07:16	2458	12/6/22	21:18

Comments:

Advanced Environmental Laboratories, Inc.

- FORM 1 -
INORGANIC ANALYSIS DATA PACKAGE

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Sample ID: J2215752010 **Client ID:** A143-RS829-GW-AEB3070-REG

Matrix: WATER **Date Received:** 11/18/2022 **Date Collected:** 11/17/2022 15:11

% Solids:

TOTAL **Analytical Method:** SW-846 6020A **Preparation Method:** SW-846 3010A

Analyte	CAS No.	Result	Units	C	Q	MDL	LOD	LOQ	Dil	Prep Batch	Prep Date	Prep Time	Analytical Batch	Analytical Date	Analytical Time
Arsenic	7440-38-2	3.2	ug/L			0.25	0.50	1.0	1	4449	12/1/22	07:16	2458	12/6/22	21:24
Cobalt	7440-48-4	0.72	ug/L	J		0.25	0.50	1.0	1	4449	12/1/22	07:16	2458	12/6/22	21:24
Manganese	7439-96-5	220	ug/L			10	20	40	10	4449	12/1/22	07:16	2458	12/8/22	10:47
Nickel	7440-02-0	1.4	ug/L	J		1.2	2.5	5.0	1	4449	12/1/22	07:16	2458	12/6/22	21:24

Comments:

Advanced Environmental Laboratories, Inc.

- FORM 1 -
INORGANIC ANALYSIS DATA PACKAGE

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Sample ID: J2215752011 **Client ID:** A143-RS829-GW-AEB3071-FD

Matrix: WATER **Date Received:** 11/18/2022 **Date Collected:** 11/17/2022 15:11

% Solids:

TOTAL **Analytical Method:** SW-846 6020A **Preparation Method:** SW-846 3010A

Analyte	CAS No.	Result	Units	C	Q	MDL	LOD	LOQ	Dil	Prep Batch	Prep Date	Prep Time	Analytical Batch	Analytical Date	Analytical Time
Arsenic	7440-38-2	3.3	ug/L			0.25	0.50	1.0	1	4449	12/1/22	07:16	2458	12/6/22	21:30
Cobalt	7440-48-4	0.69	ug/L	J		0.25	0.50	1.0	1	4449	12/1/22	07:16	2458	12/6/22	21:30
Manganese	7439-96-5	220	ug/L			10	20	40	10	4449	12/1/22	07:16	2458	12/8/22	10:53
Nickel	7440-02-0	1.3	ug/L	J		1.2	2.5	5.0	1	4449	12/1/22	07:16	2458	12/6/22	21:30

Comments:

Advanced Environmental Laboratories, Inc.

- FORM 1 -
INORGANIC ANALYSIS DATA PACKAGE

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Sample ID: J2215752012 **Client ID:** A143-RS890-GW-AEB3074-REG

Matrix: WATER **Date Received:** 11/19/2022 **Date Collected:** 11/17/2022 09:56

% Solids:

TOTAL **Analytical Method:** SW-846 6020A **Preparation Method:** SW-846 3010A

Analyte	CAS No.	Result	Units	C	Q	MDL	LOD	LOQ	Dil	Prep Batch	Prep Date	Prep Time	Analytical Batch	Analytical Date	Analytical Time
Arsenic	7440-38-2	10	ug/L	J		5.0	10	20	20	4449	12/1/22	07:16	2458	12/8/22	11:04
Cobalt	7440-48-4	24	ug/L			5.0	10	20	20	4449	12/1/22	07:16	2458	12/8/22	11:04
Manganese	7439-96-5	330	ug/L			20	40	80	20	4449	12/1/22	07:16	2458	12/8/22	11:04
Nickel	7440-02-0	50	ug/L	U		25	50	100	20	4449	12/1/22	07:16	2458	12/8/22	11:04

Comments:

Advanced Environmental Laboratories, Inc.

- FORM 1 -
INORGANIC ANALYSIS DATA PACKAGE

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Sample ID: J2215752014 **Client ID:** 143-Site-WA-AEB9001-REG

Matrix: WATER **Date Received:** 11/19/2022 **Date Collected:** 11/17/2022 10:30

% Solids:

TOTAL **Analytical Method:** SW-846 6020A **Preparation Method:** SW-846 3010A

Analyte	CAS No.	Result	Units	C	Q	MDL	LOD	LOQ	Dil	Prep Batch	Prep Date	Prep Time	Analytical Batch	Analytical Date	Analytical Time
Arsenic	7440-38-2	0.50	ug/L	U		0.25	0.50	1.0	1	4449	12/1/22	07:16	2458	12/6/22	21:41
Cobalt	7440-48-4	0.50	ug/L	U		0.25	0.50	1.0	1	4449	12/1/22	07:16	2458	12/6/22	21:41
Manganese	7439-96-5	2.0	ug/L	U		1.0	2.0	4.0	1	4449	12/1/22	07:16	2458	12/6/22	21:41
Nickel	7440-02-0	2.5	ug/L	U		1.2	2.5	5.0	1	4449	12/1/22	07:16	2458	12/6/22	21:41

Comments:

QC Summary Reports

- FORM 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Analytical Method: SW-846 6020A

Sample ID / Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	Q	Analysis Date	Analysis Time	Run Number
ICV1 J3MS-3023								
Arsenic	21.0	20.0	105	90 - 110		11/30/2022	09:20	221130R1
Cobalt	20.9	20.0	105	90 - 110		11/30/2022	09:20	221130R1
Manganese	20.4	20.0	102	90 - 110		11/30/2022	09:20	221130R1
Nickel	20.7	20.0	104	90 - 110		11/30/2022	09:20	221130R1
CCV J3MS-3019								
Arsenic	20.5	20.0	103	90 - 110		11/30/2022	10:51	221130R1
Cobalt	20.2	20.0	101	90 - 110		11/30/2022	10:51	221130R1
Manganese	20.3	20.0	101	90 - 110		11/30/2022	10:51	221130R1
Nickel	20.3	20.0	102	90 - 110		11/30/2022	10:51	221130R1
CCV J3MS-3019								
Arsenic	19.9	20.0	99.5	90 - 110		11/30/2022	12:01	221130R1
Cobalt	19.7	20.0	98.3	90 - 110		11/30/2022	12:01	221130R1
Manganese	20.1	20.0	101	90 - 110		11/30/2022	12:01	221130R1
Nickel	19.7	20.0	98.3	90 - 110		11/30/2022	12:01	221130R1
CCV J3MS-3019								
Arsenic	19.8	20.0	99.0	90 - 110		11/30/2022	12:47	221130R1
Cobalt	19.5	20.0	97.3	90 - 110		11/30/2022	12:47	221130R1
Manganese	20.0	20.0	100	90 - 110		11/30/2022	12:47	221130R1
Nickel	19.5	20.0	97.7	90 - 110		11/30/2022	12:47	221130R1
ICV1 J3MS-3023								
Arsenic	19.9	20.0	99.3	90 - 110		12/6/2022	16:52	221206R2
Cobalt	19.4	20.0	96.9	90 - 110		12/6/2022	16:52	221206R2
Manganese	19.7	20.0	98.5	90 - 110		12/6/2022	16:52	221206R2
Nickel	20.1	20.0	100	90 - 110		12/6/2022	16:52	221206R2
CCV J3MS-3019								
Arsenic	19.7	20.0	98.4	90 - 110		12/6/2022	19:28	221206R2
Cobalt	19.0	20.0	94.9	90 - 110		12/6/2022	19:28	221206R2
Manganese	19.4	20.0	96.8	90 - 110		12/6/2022	19:28	221206R2
Nickel	20.1	20.0	100	90 - 110		12/6/2022	19:28	221206R2
CCV J3MS-3019								
Arsenic	20.1	20.0	100	90 - 110		12/6/2022	20:37	221206R2
Cobalt	19.5	20.0	97.5	90 - 110		12/6/2022	20:37	221206R2
Manganese	19.7	20.0	98.4	90 - 110		12/6/2022	20:37	221206R2
Nickel	20.2	20.0	101	90 - 110		12/6/2022	20:37	221206R2

- FORM 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Analytical Method: SW-846 6020A

Sample ID / Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	Q	Analysis Date	Analysis Time	Run Number
CCV J3MS-3019								
Arsenic	19.5	20.0	97.7	90 - 110		12/6/2022	21:47	221206R2
Cobalt	19.0	20.0	94.8	90 - 110		12/6/2022	21:47	221206R2
Manganese	19.3	20.0	96.5	90 - 110		12/6/2022	21:47	221206R2
Nickel	19.8	20.0	98.9	90 - 110		12/6/2022	21:47	221206R2
CCV J3MS-3019								
Arsenic	20.0	20.0	100.0	90 - 110		12/6/2022	22:56	221206R2
Cobalt	19.4	20.0	97.1	90 - 110		12/6/2022	22:56	221206R2
Nickel	20.2	20.0	101	90 - 110		12/6/2022	22:56	221206R2
ICV1 J3MS-3023								
Arsenic	20.2	20.0	101	90 - 110		12/8/2022	09:45	221208R1
Cobalt	20.2	20.0	101	90 - 110		12/8/2022	09:45	221208R1
Manganese	19.8	20.0	98.9	90 - 110		12/8/2022	09:45	221208R1
Nickel	20.7	20.0	103	90 - 110		12/8/2022	09:45	221208R1
CCV J3MS-3031								
Arsenic	20.2	20.0	101	90 - 110		12/8/2022	11:16	221208R1
Cobalt	19.8	20.0	99.1	90 - 110		12/8/2022	11:16	221208R1
Manganese	20.3	20.0	101	90 - 110		12/8/2022	11:16	221208R1
Nickel	19.8	20.0	99.2	90 - 110		12/8/2022	11:16	221208R1

- FORM 2b -
PQL/RL STANDARD

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Analytical Method: SW-846 6020A

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Q	Advisory Limits (%R)	Analysis Date	Analysis Time	Run Number
LLCCV1 J3MS-3016									
	Arsenic	0.808	0.800	101		80 - 120	11/30/2022	09:32	221130R1
	Cobalt	0.801	0.800	100		80 - 120	11/30/2022	09:32	221130R1
LLCCV2 J3MS-3017									
	Manganese	3.89	4.00	97.3		80 - 120	11/30/2022	09:37	221130R1
	Nickel	4.14	4.00	103		80 - 120	11/30/2022	09:37	221130R1
LLCCV1 J3MS-3016									
	Arsenic	0.818	0.800	102		80 - 120	12/6/2022	17:04	221206R2
	Cobalt	0.799	0.800	99.9		80 - 120	12/6/2022	17:04	221206R2
LLCCV2 J3MS-3017									
	Manganese	4.02	4.00	100		80 - 120	12/6/2022	17:09	221206R2
	Nickel	4.14	4.00	103		80 - 120	12/6/2022	17:09	221206R2
LLCCV1 J3MS-3016									
	Arsenic	0.843	0.800	105		80 - 120	12/8/2022	09:56	221208R1
	Cobalt	0.846	0.800	106		80 - 120	12/8/2022	09:56	221208R1
LLCCV2 J3MS-3017									
	Manganese	3.99	4.00	99.8		80 - 120	12/8/2022	10:02	221208R1
	Nickel	4.27	4.00	107		80 - 120	12/8/2022	10:02	221208R1

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- FORM 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Environmental Chemical Corporation (ECC)

Analytical Method: SW-846 6020A **SDG No.:** J2215752

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	MDL	LOD	LOQ	Analysis Date	Analysis Time	Run
IB J3MS-3025 J3MS-3029										
	Arsenic	0.50	+/-0.50	U	0.25	0.50	1.0	11/30/2022	09:26	221130R1
	Cobalt	0.50	+/-0.50	U	0.25	0.50	1.0	11/30/2022	09:26	221130R1
	Manganese	2.0	+/-2.0	U	1.0	2.0	4.0	11/30/2022	09:26	221130R1
	Nickel	2.5	+/-2.5	U	1.2	2.5	5.0	11/30/2022	09:26	221130R1
CCB J3MS-3025 J3MS-3029										
	Arsenic	0.50	+/-0.50	U	0.25	0.50	1.0	11/30/2022	10:57	221130R1
	Cobalt	0.50	+/-0.50	U	0.25	0.50	1.0	11/30/2022	10:57	221130R1
	Manganese	2.0	+/-2.0	U	1.0	2.0	4.0	11/30/2022	10:57	221130R1
	Nickel	2.5	+/-2.5	U	1.2	2.5	5.0	11/30/2022	10:57	221130R1
CCB J3MS-3025 J3MS-3029										
	Arsenic	0.50	+/-0.50	U	0.25	0.50	1.0	11/30/2022	12:06	221130R1
	Cobalt	0.50	+/-0.50	U	0.25	0.50	1.0	11/30/2022	12:06	221130R1
	Manganese	2.0	+/-2.0	U	1.0	2.0	4.0	11/30/2022	12:06	221130R1
	Nickel	2.5	+/-2.5	U	1.2	2.5	5.0	11/30/2022	12:06	221130R1
CCB J3MS-3025 J3MS-3029										
	Arsenic	0.50	+/-0.50	U	0.25	0.50	1.0	11/30/2022	12:52	221130R1
	Cobalt	0.50	+/-0.50	U	0.25	0.50	1.0	11/30/2022	12:52	221130R1
	Manganese	2.0	+/-2.0	U	1.0	2.0	4.0	11/30/2022	12:52	221130R1
	Nickel	2.5	+/-2.5	U	1.2	2.5	5.0	11/30/2022	12:52	221130R1
IB J3MS-3025 J3MS-3029										
	Arsenic	0.50	+/-0.50	U	0.25	0.50	1.0	12/6/2022	16:58	221206R2
	Cobalt	0.50	+/-0.50	U	0.25	0.50	1.0	12/6/2022	16:58	221206R2
	Manganese	2.0	+/-2.0	U	1.0	2.0	4.0	12/6/2022	16:58	221206R2
	Nickel	2.5	+/-2.5	U	1.2	2.5	5.0	12/6/2022	16:58	221206R2
CCB J3MS-3025 J3MS-3029										
	Arsenic	0.50	+/-0.50	U	0.25	0.50	1.0	12/6/2022	19:34	221206R2
	Cobalt	0.50	+/-0.50	U	0.25	0.50	1.0	12/6/2022	19:34	221206R2
	Manganese	2.0	+/-2.0	U	1.0	2.0	4.0	12/6/2022	19:34	221206R2
	Nickel	2.5	+/-2.5	U	1.2	2.5	5.0	12/6/2022	19:34	221206R2

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- FORM 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Environmental Chemical Corporation (ECC)

Analytical Method: SW-846 6020A **SDG No.:** J2215752

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	MDL	LOD	LOQ	Analysis Date	Analysis Time	Run
CCB J3MS-3025 J3MS-3029										
	Arsenic	0.50	+/-0.50	U	0.25	0.50	1.0	12/6/2022	20:43	221206R2
	Cobalt	0.50	+/-0.50	U	0.25	0.50	1.0	12/6/2022	20:43	221206R2
	Manganese	2.0	+/-2.0	U	1.0	2.0	4.0	12/6/2022	20:43	221206R2
	Nickel	2.5	+/-2.5	U	1.2	2.5	5.0	12/6/2022	20:43	221206R2
CCB J3MS-3025 J3MS-3029										
	Arsenic	0.50	+/-0.50	U	0.25	0.50	1.0	12/6/2022	21:53	221206R2
	Cobalt	0.50	+/-0.50	U	0.25	0.50	1.0	12/6/2022	21:53	221206R2
	Manganese	2.0	+/-2.0	U	1.0	2.0	4.0	12/6/2022	21:53	221206R2
	Nickel	2.5	+/-2.5	U	1.2	2.5	5.0	12/6/2022	21:53	221206R2
CCB J3MS-3025 J3MS-3029										
	Arsenic	0.50	+/-0.50	U	0.25	0.50	1.0	12/6/2022	23:02	221206R2
	Cobalt	0.50	+/-0.50	U	0.25	0.50	1.0	12/6/2022	23:02	221206R2
	Nickel	2.5	+/-2.5	U	1.2	2.5	5.0	12/6/2022	23:02	221206R2
IB J3MS-3025 J3MS-3032										
	Arsenic	0.50	+/-0.50	U	0.25	0.50	1.0	12/8/2022	09:50	221208R1
	Cobalt	0.50	+/-0.50	U	0.25	0.50	1.0	12/8/2022	09:50	221208R1
	Manganese	2.0	+/-2.0	U	1.0	2.0	4.0	12/8/2022	09:50	221208R1
	Nickel	2.5	+/-2.5	U	1.2	2.5	5.0	12/8/2022	09:50	221208R1
CCB J3MS-3025 J3MS-3032										
	Arsenic	0.50	+/-0.50	U	0.25	0.50	1.0	12/8/2022	11:22	221208R1
	Cobalt	0.50	+/-0.50	U	0.25	0.50	1.0	12/8/2022	11:22	221208R1
	Manganese	2.0	+/-2.0	U	1.0	2.0	4.0	12/8/2022	11:22	221208R1
	Nickel	2.5	+/-2.5	U	1.2	2.5	5.0	12/8/2022	11:22	221208R1

- FORM 3b -
METHOD BLANK SUMMARY

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Analytical Method: SW-846 6020A **Preparation Method:** SW-846 3010A

Sample ID / Analyte	Result	C	Q	Units	Acceptance Limit	MDL	LOD	LOQ	Prep Batch	Prep Date	Prep Time	Analytical Batch	Analytical Date	Analytical Time
4562354	**WATER**	**TOTAL**												
Arsenic	0.50	U		ug/L	+/-0.50	0.25	0.50	1.0	4441	11/29/22	07:39	2444	11/30/22	09:54
Cobalt	0.50	U		ug/L	+/-0.50	0.25	0.50	1.0	4441	11/29/22	07:39	2444	11/30/22	09:54
Manganese	2.0	U		ug/L	+/-2.0	1.0	2.0	4.0	4441	11/29/22	07:39	2444	11/30/22	09:54
Nickel	2.5	U		ug/L	+/-2.5	1.2	2.5	5.0	4441	11/29/22	07:39	2444	11/30/22	09:54

- FORM 3b -
METHOD BLANK SUMMARY

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Analytical Method: SW-846 6020A **Preparation Method:** SW-846 3010A

Sample ID / Analyte	Result	C	Q	Units	Acceptance Limit	MDL	LOD	LOQ	Prep Batch	Prep Date	Prep Time	Analytical Batch	Analytical Date	Analytical Time
4563740	**WATER**	**TOTAL**												
Arsenic	0.50	U		ug/L	+/-0.50	0.25	0.50	1.0	4449	12/1/22	07:16	2458	12/6/22	20:14
Cobalt	0.50	U		ug/L	+/-0.50	0.25	0.50	1.0	4449	12/1/22	07:16	2458	12/6/22	20:14
Manganese	2.0	U		ug/L	+/-2.0	1.0	2.0	4.0	4449	12/1/22	07:16	2458	12/6/22	20:14
Nickel	2.5	U		ug/L	+/-2.5	1.2	2.5	5.0	4449	12/1/22	07:16	2458	12/6/22	20:14

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- FORM 4 -
INTERFERENCE CHECK SAMPLE

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Instrument ID: J3R **Analytical Method:** SW-846 6020A

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window	Q	Analysis Date	Analysis Time	Run Number
ICSA J3MS-3024									
	Aluminum	11000	10000	110	80 - 120%		11/30/2022	09:43	221130R1
	Arsenic	0.041			-0.51 to 0.51		11/30/2022	09:43	221130R1
	Calcium	9780	10000	97.8	80 - 120%		11/30/2022	09:43	221130R1
	Cobalt	0.084			-0.56 to 0.56		11/30/2022	09:43	221130R1
	Iron	10700	10000	107	80 - 120%		11/30/2022	09:43	221130R1
	Magnesium	10900	10000	109	80 - 120%		11/30/2022	09:43	221130R1
	Manganese	0.032			-2.2 to 2.2		11/30/2022	09:43	221130R1
	Molybdenum	205	200	103	80 - 120%		11/30/2022	09:43	221130R1
	Nickel	0.56			-2.6 to 2.6		11/30/2022	09:43	221130R1
	Potassium	10200	10000	102	80 - 120%		11/30/2022	09:43	221130R1
	Sodium	10700	10000	107	80 - 120%		11/30/2022	09:43	221130R1
	Titanium	212	200	106	80 - 120%		11/30/2022	09:43	221130R1
ICSA J3MS-3024									
	Aluminum	9980	10000	99.8	80 - 120%		12/6/2022	17:15	221206R2
	Arsenic	0.058			-0.51 to 0.51		12/6/2022	17:15	221206R2
	Calcium	9490	10000	94.9	80 - 120%		12/6/2022	17:15	221206R2
	Cobalt	0.081			-0.56 to 0.56		12/6/2022	17:15	221206R2
	Iron	10200	10000	102	80 - 120%		12/6/2022	17:15	221206R2
	Magnesium	9970	10000	99.7	80 - 120%		12/6/2022	17:15	221206R2
	Manganese	0.15			-2.2 to 2.2		12/6/2022	17:15	221206R2
	Molybdenum	203	200	101	80 - 120%		12/6/2022	17:15	221206R2
	Nickel	0.55			-2.6 to 2.6		12/6/2022	17:15	221206R2
	Potassium	9850	10000	98.5	80 - 120%		12/6/2022	17:15	221206R2
	Sodium	10100	10000	101	80 - 120%		12/6/2022	17:15	221206R2
	Titanium	202	200	101	80 - 120%		12/6/2022	17:15	221206R2

- FORM 4 -
INTERFERENCE CHECK SAMPLE

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Instrument ID: J3R **Analytical Method:** SW-846 6020A

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window	Q	Analysis Date	Analysis Time	Run Number
ICSA J3MS-3024									
	Aluminum	9630	10000	96.3	80 - 120%		12/8/2022	10:08	221208R1
	Arsenic	0.063			-0.51 to 0.51		12/8/2022	10:08	221208R1
	Calcium	9340	10000	93.4	80 - 120%		12/8/2022	10:08	221208R1
	Cobalt	0.088			-0.56 to 0.56		12/8/2022	10:08	221208R1
	Iron	9710	10000	97.1	80 - 120%		12/8/2022	10:08	221208R1
	Magnesium	9770	10000	97.7	80 - 120%		12/8/2022	10:08	221208R1
	Manganese	0.11			-2.2 to 2.2		12/8/2022	10:08	221208R1
	Molybdenum	206	200	103	80 - 120%		12/8/2022	10:08	221208R1
	Nickel	0.60			-2.6 to 2.6		12/8/2022	10:08	221208R1
	Potassium	9780	10000	97.8	80 - 120%		12/8/2022	10:08	221208R1
	Sodium	9760	10000	97.6	80 - 120%		12/8/2022	10:08	221208R1
	Titanium	202	200	101	80 - 120%		12/8/2022	10:08	221208R1

Advanced Environmental Laboratories, Inc.

- FORM 5a -

MATRIX SPIKE SUMMARY

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Sample ID: J2215752002 **MS ID:** 4562356 **Client ID:** A143-RS566-GW-AEB3058-REG

Matrix: WATER

Analytical Method: SW-846 6020A **Preparation Method:** SW-846 3010A

TOTAL Analyte	Units	Acceptance Limit %R	MS Result	C	Sample Result	C	Spike Added	% Recovery	Q	Analytical Batch	Analytical Date	Analytical Time
Arsenic	ug/L	84 - 116	**23.4**		5.47		20.0	89.9		2444	11/30/22	12:18
Cobalt	ug/L	86 - 115	**39.9**		22.2		20.0	88.4		2444	11/30/22	12:18
Manganese	ug/L	87 - 115	**2710**		2600		20.0	NC	*	2444	12/6/22	19:51
Nickel	ug/L	85 - 117	**22.8**		4.87	J	20.0	89.6		2444	11/30/22	12:18

NC = Not Calculable - the spike concentration added has been diluted below the LOQ

Advanced Environmental Laboratories, Inc.

- FORM 5a -

MATRIX SPIKE DUPLICATE SUMMARY

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Sample ID: J2215752002 **MSD ID:** 4562357 **Client ID:** A143-RS566-GW-AEB3058-REG

Matrix: WATER

Analytical Method: SW-846 6020A **Preparation Method:** SW-846 3010A

TOTAL Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Q	Analytical Batch	Analytical Date	Analytical Time
Arsenic	ug/L	84 - 116	**23.9**		5.47		20.0	91.9		2444	11/30/22	12:24
Cobalt	ug/L	86 - 115	**39.9**		22.2		20.0	88.4		2444	11/30/22	12:24
Manganese	ug/L	87 - 115	**2790**		2600		20.0	NC	*	2444	12/6/22	19:57
Nickel	ug/L	85 - 117	**22.9**		4.87	J	20.0	90.2		2444	11/30/22	12:24

NC = Not Calculable - the spike concentration added has been diluted below the LOQ

Advanced Environmental Laboratories, Inc.

- FORM 5a -

MATRIX SPIKE SUMMARY

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Sample ID: J2215752007 **MS ID:** 4563742 **Client ID:** A143-RS615-GW-AEB3064-REG

Matrix: WATER

Analytical Method: SW-846 6020A **Preparation Method:** SW-846 3010A

TOTAL Analyte	Units	Acceptance Limit %R	MS Result	C	Sample Result	C	Spike Added	% Recovery	Q	Analytical Batch	Date	Time
Arsenic	ug/L	84 - 116	**20.6**		0.612	J	20.0	99.8		2458	12/6/22	20:55
Cobalt	ug/L	86 - 115	**20.7**		1.08		20.0	98.1		2458	12/6/22	20:55
Manganese	ug/L	87 - 115	**92.8**		74.8		20.0	90.1		2458	12/6/22	20:55
Nickel	ug/L	85 - 117	**29.0**		8.88		20.0	100		2458	12/6/22	20:55

NC = Not Calculable - the spike concentration added has been diluted below the LOQ

Advanced Environmental Laboratories, Inc.

- FORM 5a -

MATRIX SPIKE DUPLICATE SUMMARY

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Sample ID: J2215752007 **MSD ID:** 4563743 **Client ID:** A143-RS615-GW-AEB3064-REG

Matrix: WATER

Analytical Method: SW-846 6020A **Preparation Method:** SW-846 3010A

TOTAL Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Q	Analytical Batch	Date	Time
Arsenic	ug/L	84 - 116	**21.2**		0.612	J	20.0	103		2458	12/6/22	21:01
Cobalt	ug/L	86 - 115	**21.2**		1.08		20.0	101		2458	12/6/22	21:01
Manganese	ug/L	87 - 115	**97.5**		74.8		20.0	113		2458	12/6/22	21:01
Nickel	ug/L	85 - 117	**29.7**		8.88		20.0	104		2458	12/6/22	21:01

NC = Not Calculable - the spike concentration added has been diluted below the LOQ

Advanced Environmental Laboratories, Inc.

- FORM 5b -
POST DIGEST SPIKE SUMMARY

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Matrix: WATER **Analytical Method:** SW-846 6020A

Sample ID: J2215752002 **PS ID:** J2215752002PS **Client ID:** A143-RS566-GW-AEB3058-REG

TOTAL Analyte	Units	Acceptance Limit %R	PS Result	C	Sample Result	C	Spike Added	% Recovery	Q	Analytical Batch	Analytical Date	Analytical Time
Arsenic	ug/L	80 - 120	24.3		5.47		20.0	94.3		2444	11/30/22	12:29
Cobalt	ug/L	80 - 120	40.5		22.2		20.0	91.4		2444	11/30/22	12:29
Manganese	ug/L	80 - 120	4900		2600		2000	115		2444	12/6/22	20:03
Nickel	ug/L	80 - 120	23.4		4.87	J	20.0	92.6		2444	11/30/22	12:29

Advanced Environmental Laboratories, Inc.

- FORM 5b -
POST DIGEST SPIKE SUMMARY

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Matrix: WATER **Analytical Method:** SW-846 6020A

Sample ID: J2215752007 **PS ID:** J2215752007PS **Client ID:** A143-RS615-GW-AEB3064-REG

TOTAL Analyte	Units	Acceptance Limit %R	PS Result	C	Sample Result	C	Spike Added	% Recovery	Q	Analytical Batch	Analytical Date	Analytical Time
Arsenic	ug/L	80 - 120	21.9		0.612	J	20.0	106		2458	12/6/22	21:06
Cobalt	ug/L	80 - 120	21.6		1.08		20.0	103		2458	12/6/22	21:06
Manganese	ug/L	80 - 120	94.6		74.8		20.0	99.1		2458	12/6/22	21:06
Nickel	ug/L	80 - 120	29.8		8.88		20.0	105		2458	12/6/22	21:06

Advanced Environmental Laboratories, Inc.

- FORM 6 -
MATRIX SPIKE DUPLICATE SAMPLE SUMMARY

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Matrix: WATER **MS ID:** 4562356 **Client ID:** A143-RS566-GW-AEB3058-REG

Percent Solids: 0.00 **MSD ID:** 4562357

Parent Sample: J2215752002 **Analytical Method:** SW-846 6020A **Preparation Method:** SW-846 3010A

TOTAL Analyte	Units	Acceptance Limit	MS Result	C	MSD Result	C	RPD	Q	MS Batch	MS Date	MS Time	MSD Date	MSD Time
Arsenic	ug/L	0 - 20	23.4		23.9		1.7		2444	11/30/22	12:18	11/30/22	12:24
Cobalt	ug/L	0 - 20	39.9		39.9		0		2444	11/30/22	12:18	11/30/22	12:24
Manganese	ug/L	0 - 20	2710		2790		NC	*	2444	12/6/22	19:51	12/6/22	19:57
Nickel	ug/L	0 - 20	22.8		22.9		0.50		2444	11/30/22	12:18	11/30/22	12:24

NC = Not Calculable - the spike concentration added has been diluted below the LOQ

Advanced Environmental Laboratories, Inc.

- FORM 6 -
MATRIX SPIKE DUPLICATE SAMPLE SUMMARY

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Matrix: WATER **MS ID:** 4563742 **Client ID:** A143-RS615-GW-AEB3064-REG

Percent Solids: 0.00 **MSD ID:** 4563743

Parent Sample: J2215752007 **Analytical Method:** SW-846 6020A **Preparation Method:** SW-846 3010A

TOTAL Analyte	Units	Acceptance Limit	MS Result	C	MSD Result	C	RPD	Q	MS Batch	MS Date	MS Time	MSD Date	MSD Time
Arsenic	ug/L	0 - 20	20.6		21.2		3.0		2458	12/6/22	20:55	12/6/22	21:01
Cobalt	ug/L	0 - 20	20.7		21.2		2.3		2458	12/6/22	20:55	12/6/22	21:01
Manganese	ug/L	0 - 20	92.8		97.5		4.9		2458	12/6/22	20:55	12/6/22	21:01
Nickel	ug/L	0 - 20	29.0		29.7		2.4		2458	12/6/22	20:55	12/6/22	21:01

NC = Not Calculable - the spike concentration added has been diluted below the LOQ

- FORM 7 -
LABORATORY CONTROL SAMPLE SUMMARY

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

LCS ID: 4562355 **Preparation Method:** SW-846 3010A **Analytical Method:** SW-846 6020A

TOTAL Analyte	Units	True Value	LCS RESULT	C	% Recovery	Q	Acceptance Limits	Prep Batch	Prep Date	Prep Time	Analytical Batch	Analytical Date	Analytical Time
Arsenic	ug/L	20.0	21.4		107		84 - 116	4441	11/29/22	07:39	2444	11/30/22	10:00
Cobalt	ug/L	20.0	20.3		102		86 - 115	4441	11/29/22	07:39	2444	11/30/22	10:00
Manganese	ug/L	20.0	20.5		102		87 - 115	4441	11/29/22	07:39	2444	11/30/22	10:00
Nickel	ug/L	20.0	20.5		102		85 - 117	4441	11/29/22	07:39	2444	11/30/22	10:00

- FORM 7 -
LABORATORY CONTROL SAMPLE SUMMARY

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

LCS ID: 4563741 **Preparation Method:** SW-846 3010A **Analytical Method:** SW-846 6020A

TOTAL Analyte	Units	True Value	LCS RESULT	C	% Recovery	Q	Acceptance Limits	Prep Batch	Prep Date	Prep Time	Analytical Batch	Analytical Date	Analytical Time
Arsenic	ug/L	20.0	21.1		106		84 - 116	4449	12/1/22	07:16	2458	12/6/22	20:20
Cobalt	ug/L	20.0	20.1		101		86 - 115	4449	12/1/22	07:16	2458	12/6/22	20:20
Manganese	ug/L	20.0	20.8		104		87 - 115	4449	12/1/22	07:16	2458	12/6/22	20:20
Nickel	ug/L	20.0	21.0		105		85 - 117	4449	12/1/22	07:16	2458	12/6/22	20:20

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- FORM 9 -

SERIAL DILUTION SAMPLE SUMMARY

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Matrix: WATER **Client ID:** A143-RS566-GW-AEB3058-

Sample ID: J2215752002 **Analytical Method:** SW-846 6020A **Serial Dilution ID:** J2215752002SD

TOTAL

Analyte	Initial Result ug/L	C	Serial Result ug/L	C	% Difference	Q	Acceptance Limits	Analytical Batch	Date	Time
Arsenic	5.47		5.43			N	10 %	2444	11/30/22	12:12
Cobalt	22.2		23.0			N	10 %	2444	11/30/22	12:12
Manganese	2600		2820			N	10 %	2444	12/6/22	19:45
Nickel	4.87	J	12	U		N	10 %	2444	11/30/22	12:12

If Q Qualifier "N" the initial result was < 50 times the LOQ therefore the Results were not evaluated.

Advanced Environmental Laboratories, Inc.

- FORM 9 -

SERIAL DILUTION SAMPLE SUMMARY

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Matrix: WATER **Client ID:** A143-RS615-GW-AEB3064-

Sample ID: J2215752007 **Analytical Method:** SW-846 6020A **Serial Dilution ID:** J2215752007SD

TOTAL Analyte	Initial Result ug/L	C	Serial Result ug/L	C	% Difference	Q	Acceptance Limits	Analytical Batch	Date	Time
Arsenic	0.612	J	2.5	U		N	10 %	2458	12/6/22	20:49
Cobalt	1.08		2.5	U		N	10 %	2458	12/6/22	20:49
Manganese	74.8		75.2			N	10 %	2458	12/6/22	20:49
Nickel	8.88		31.4			N	10 %	2458	12/6/22	20:49

If Q Qualifier "N" the initial result was < 50 times the LOQ therefore the Results were not evaluated.

Advanced Environmental Laboratories, Inc.

Detection Limits

Client: Environmental Chemical Corporation (ECC) **SDG No.:** J2215752

Analytical Method: SW-846 6020A

Instrument: J3R **Matrix Category:** LIQUID

Analyte	MDL ug/L	LOD ug/L	LOQ ug/L
Arsenic	0.25	0.50	1.0
Cobalt	0.25	0.50	1.0
Manganese	1.0	2.0	4.0
Nickel	1.3	2.5	5.0

LINEAR RANGES

Client: Environmental Chemical Corporation (ECC) **SDG ID:** J2215752

Instrument ID: J3R **Analytical Method:** SW-846 6020A

Analyte	LDR ug/L
Arsenic	100
Cobalt	100
Manganese	200
Nickel	250

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ANALYSIS RUN LOG

Client: Environmental Chemical Corporation (ECC) **SDG ID:** J2215752

Instrument: J3R **Run Number:** 221130R1

Start Date: 11/30/2022 **End Date:** 11/30/2022 **Analytical Method:** SW-846 6020A

Client Sample No.	DF	Time	Analytes																										
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	NI	K	SE	AG	NA	TL	V	ZN	B	LI
RB J3MS-3025 J3MS-3029	1	0823																								
CALB J3MS-3025 J3MS-3029	1	0828			X						X					X	X									
ICAL1 J3MS-3016	1	0834			X						X					X	X									
ICAL2 J3MS-3017	1	0840			X						X					X	X									
ICAL3 J3MS-3018	1	0845			X						X					X	X									
ICAL4 J3MS-3019	1	0851			X						X					X	X									
ICAL5 J3MS-3020	1	0857			X						X					X	X									
ICAL6 J3MS-3021	1	0903			X						X					X	X									
ICAL7 J3MS-3022	1	0909			X						X					X	X									
ZZZZZZ	1	0914																								
ICV1 J3MS-3023	1	0920			X						X					X	X									
IB J3MS-3025 J3MS-3029	1	0926			X						X					X	X									
LLCCV1 J3MS-3016	1	0932			X						X															
LLCCV2 J3MS-3017	1	0937														X	X									
ICSA J3MS-3024	1	0943	X		X				X		X		X		X	X	X	X			X					
ZZZZZZ	1	0954																								
ZZZZZZ	1	1000																								
ZZZZZZ	1	1005																								
ZZZZZZ	1	1011																								
ZZZZZZ	1	1017																								
ZZZZZZ	1	1023																								
ZZZZZZ	1	1028																								
ZZZZZZ	1	1034																								
ZZZZZZ	1	1040																								
ZZZZZZ	1	1046																								
CCV J3MS-3019	1	1051			X						X					X	X									
CCB J3MS-3025 J3MS-3029	1	1057			X						X					X	X									
ZZZZZZ	1	1103																								
ZZZZZZ	1	1109																								
ZZZZZZ	1	1114																								
ZZZZZZ	1	1120																								
ZZZZZZ	1	1126																								

Advanced Environmental Laboratories, Inc.

ANALYSIS RUN LOG

Client: Environmental Chemical Corporation (ECC)

SDG ID: J2215752

Instrument: J3R

Run Number: 221130R1

Start Date: 11/30/2022 **End Date:** 11/30/2022 **Analytical Method:** SW-846 6020A

Client Sample No.	DF	Time	Analytes																										
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	NI	K	SE	AG	NA	TL	V	ZN	B	LI
ZZZZZZ	1	1132																								
ZZZZZZ	1	1137																								
ZZZZZZ	1	1143																								
ZZZZZZ	1	1149																								
J2215752002	1	1155			X						X						X									
CCV J3MS-3019	1	1201			X						X					X	X									
CCB J3MS-3025 J3MS-3029	1	1206			X						X					X	X									
J2215752002SD 5X	5	1212			X						X						X									
ZZZZZZ	1	1218																								
ZZZZZZ	1	1224																								
J2215752002PS	1	1229			X						X						X									
J2215752003	1	1235			X						X						X									
J2215752005	1	1241			X						X					X	X									
CCV J3MS-3019	1	1247			X						X					X	X									
CCB J3MS-3025 J3MS-3029	1	1252			X						X					X	X									

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ANALYSIS RUN LOG

Client: Environmental Chemical Corporation (ECC) **SDG ID:** J2215752

Instrument: J3R **Run Number:** 221206R2

Start Date: 12/6/2022 **End Date:** 12/7/2022 **Analytical Method:** SW-846 6020A

Client Sample No.	DF	Time	Analytes																										
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	NI	K	SE	AG	NA	TL	V	ZN	B	LI
RB J3MS-3025 J3MS-3029	1	1555																								
CALB J3MS-3025 J3MS-3029	1	1600			X						X					X	X									
ICAL1 J3MS-3016	1	1606			X						X					X	X									
ICAL2 J3MS-3017	1	1612			X						X					X	X									
ICAL3 J3MS-3018	1	1618			X						X					X	X									
ICAL4 J3MS-3019	1	1623			X						X					X	X									
ICAL5 J3MS-3020	1	1629			X						X					X	X									
ICAL6 J3MS-3021	1	1635			X						X					X	X									
ICAL7 J3MS-3022	1	1641			X						X					X	X									
ZZZZZZ	1	1646																								
ICV1 J3MS-3023	1	1652			X						X					X	X									
IB J3MS-3025 J3MS-3029	1	1658			X						X					X	X									
LLCCV1 J3MS-3016	1	1704			X						X															
LLCCV2 J3MS-3017	1	1709														X	X									
ICSA J3MS-3024	1	1715	X		X				X		X		X		X	X	X	X			X					
ZZZZZZ	5	1727																								
ZZZZZZ	50	1732																								
ZZZZZZ	100	1750																								
ZZZZZZ	5	1756																								
ZZZZZZ	100	1801																								
ZZZZZZ	10	1813																								
ZZZZZZ	1	1819																								
ZZZZZZ	1	1825																								
ZZZZZZ	5	1830																								
ZZZZZZ	20	1842																								
ZZZZZZ	100	1853																								
ZZZZZZ	20	1859																								
ZZZZZZ	10	1905																								
ZZZZZZ	10	1911																								
ZZZZZZ	50	1917																								
ZZZZZZ	50	1922																								
CCV J3MS-3019	1	1928			X						X					X	X									

Advanced Environmental Laboratories, Inc.

ANALYSIS RUN LOG

Client: Environmental Chemical Corporation (ECC) **SDG ID:** J2215752

Instrument: J3R **Run Number:** 221206R2

Start Date: 12/6/2022 **End Date:** 12/7/2022 **Analytical Method:** SW-846 6020A

Client Sample No.	DF	Time	Analytes																										
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	NI	K	SE	AG	NA	TL	V	ZN	B	LI
CCB J3MS-3025 J3MS-3029	1	1934			X						X					X	X									
J2215752002 100X	100	1940														X										
J2215752002SD 500X	500	1945														X										
ZZZZZZ	100	1951																								
ZZZZZZ	100	1957																								
J2215752002PS 100X	100	2003														X										
J2215752003 100X	100	2009														X										
ZZZZZZ	1	2014																								
ZZZZZZ	1	2020																								
ZZZZZZ	1	2026																								
J2215752007	1	2032			X						X					X	X									
CCV J3MS-3019	1	2037			X						X					X	X									
CCB J3MS-3025 J3MS-3029	1	2043			X						X					X	X									
J2215752007SD 5X	5	2049			X						X					X	X									
ZZZZZZ	1	2055																								
ZZZZZZ	1	2101																								
J2215752007PS	1	2106			X						X					X	X									
J2215752008	1	2112			X						X						X									
J2215752009	1	2118			X						X						X									
J2215752010	1	2124			X						X						X									
J2215752011	1	2130			X						X						X									
ZZZZZZ	1	2135																								
J2215752014	1	2141			X						X					X	X									
CCV J3MS-3019	1	2147			X						X					X	X									
CCB J3MS-3025 J3MS-3029	1	2153			X						X					X	X									
J2215752004	1	2158			X						X						X									
ZZZZZZ	1	2204																								
ZZZZZZ	1	2210																								
ZZZZZZ	1	2216																								
ZZZZZZ	1	2222																								
ZZZZZZ	1	2227																								
ZZZZZZ	1	2233																								

Advanced Environmental Laboratories, Inc.

ANALYSIS RUN LOG

Client: Environmental Chemical Corporation (ECC) **SDG ID:** J2215752

Instrument: J3R **Run Number:** 221206R2

Start Date: 12/6/2022 **End Date:** 12/7/2022 **Analytical Method:** SW-846 6020A

Client Sample No.	DF	Time	Analytes																										
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	NI	K	SE	AG	NA	TL	V	ZN	B	LI
ZZZZZZ	1	2239																								
ZZZZZZ	1	2245																								
ZZZZZZ	1	2251																								
CCV J3MS-3019	1	2256			X						X						X									
CCB J3MS-3025 J3MS-3029	1	2302			X						X						X									
ZZZZZZ	1	2308																								
ZZZZZZ	1	2314																								
ZZZZZZ	1	2320																								
ZZZZZZ	1	2325																								
ZZZZZZ	1	2331																								
ZZZZZZ	5	2337																								
ZZZZZZ	1	2343																								
ZZZZZZ	1	2349																								
ZZZZZZ	1	2354																								
ZZZZZZ	1	0000																								
ZZZZZZ	1	0006																								
ZZZZZZ	1	0012																								
ZZZZZZ	1	0018																								
ZZZZZZ	1	0023																								
ZZZZZZ	1	0029																								
ZZZZZZ	1	0035																								
ZZZZZZ	1	0040																								
ZZZZZZ	1	0046																								

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ANALYSIS RUN LOG

Client: Environmental Chemical Corporation (ECC) **SDG ID:** J2215752

Instrument: J3R **Run Number:** 221208R1

Start Date: 12/8/2022 **End Date:** 12/8/2022 **Analytical Method:** SW-846 6020A

Client Sample No.	DF	Time	Analytes																										
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	NI	K	SE	AG	NA	TL	V	ZN	B	LI
RB J3MS-3025 J3MS-3032	1	0847																								
CALB J3MS-3025 J3MS-3032	1	0853			X						X					X	X									
ICAL1 J3MS-3016	1	0859			X						X					X	X									
ICAL2 J3MS-3017	1	0904			X						X					X	X									
ICAL3 J3MS-3018	1	0910			X						X					X	X									
ICAL4 J3MS-3031	1	0916			X						X					X	X									
ICAL5 J3MS-3020	1	0922			X						X					X	X									
ICAL6 J3MS-3021	1	0927			X						X					X	X									
ICAL7 J3MS-3022	1	0933			X						X					X	X									
ZZZZZZ	1	0939																								
ICV1 J3MS-3023	1	0945			X						X					X	X									
IB J3MS-3025 J3MS-3032	1	0950			X						X					X	X									
LLCCV1 J3MS-3016	1	0956			X						X															
LLCCV2 J3MS-3017	1	1002														X	X									
ICSA J3MS-3024	1	1008	X		X				X		X		X		X	X	X	X			X					
J2215752006 100X	100	1024			X						X					X	X									
J2215752008 10X	10	1036														X										
J2215752009 50X	50	1041														X										
J2215752010 10X	10	1047														X										
J2215752011 10X	10	1053														X										
J2215752012 20X	20	1104			X						X					X	X									
J2215752004 10X	10	1110														X										
CCV J3MS-3031	1	1116			X						X					X	X									
CCB J3MS-3025 J3MS-3032	1	1122			X						X					X	X									
ZZZZZZ	100	1133																								
ZZZZZZ	100	1145																								
ZZZZZZ	50	1151																								
ZZZZZZ	100	1156																								
ZZZZZZ	10	1202																								
ZZZZZZ	10	1208																								
ZZZZZZ	5	1214																								
ZZZZZZ	25	1219																								

Advanced Environmental Laboratories, Inc.

ANALYSIS RUN LOG

Client: Environmental Chemical Corporation (ECC) **SDG ID:** J2215752

Instrument: J3R **Run Number:** 221208R1

Start Date: 12/8/2022 **End Date:** 12/8/2022 **Analytical Method:** SW-846 6020A

Client Sample No.	DF	Time	Analytes																								
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	NI	K	SE	AG	NA	TL	V	ZN	B	LI
ZZZZZZ	1	1225																								
ZZZZZZ	1	1231																								
ZZZZZZ	5	1237																								
ZZZZZZ	5	1242																								
ZZZZZZ	5	1248																								
ZZZZZZ	1	1254																								
ZZZZZZ	1	1300																								
ZZZZZZ	1	1306																								
ZZZZZZ	1	1311																								
ZZZZZZ	1	1317																								
ZZZZZZ	1	1323																								
ZZZZZZ	1	1329																								
ZZZZZZ	1	1334																								
ZZZZZZ	1	1340																								
ZZZZZZ	1	1346																								
ZZZZZZ	1	1352																								
ZZZZZZ	1	1357																								
ZZZZZZ	1	1403																								
ZZZZZZ	1	1409																								
ZZZZZZ	1	1415																								
ZZZZZZ	1	1421																								
ZZZZZZ	1	1426																								
ZZZZZZ	1	1432																								
ZZZZZZ	1	1438																								
ZZZZZZ	1	1444																								
ZZZZZZ	1	1449																								
ZZZZZZ	5	1455																								
ZZZZZZ	1	1501																								
ZZZZZZ	1	1507																								
ZZZZZZ	1	1512																								
ZZZZZZ	1	1518																								
ZZZZZZ	1	1524																								

Advanced Environmental Laboratories, Inc.

ANALYSIS RUN LOG

Client: Environmental Chemical Corporation (ECC)

SDG ID: J2215752

Instrument: J3R

Run Number: 221208R1

Start Date: 12/8/2022 **End Date:** 12/8/2022 **Analytical Method:** SW-846 6020A

Client Sample No.	DF	Time	Analytes																								
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	NI	K	SE	AG	NA	TL	V	ZN	B	LI
ZZZZZZ	1	1530																								
ZZZZZZ	5	1536																								
ZZZZZZ	1	1541																								
ZZZZZZ	1	1547																								
ZZZZZZ	1	1553																								
ZZZZZZ	1	1559																								
ZZZZZZ	1	1604																								
ZZZZZZ	1	1610																								
ZZZZZZ	5	1616																								
ZZZZZZ	1	1622																								
ZZZZZZ	1	1627																								
ZZZZZZ	1	1633																								
ZZZZZZ	1	1639																								
ZZZZZZ	1	1645																								
ZZZZZZ	1	1651																								
ZZZZZZ	1	1656																								
ZZZZZZ	1	1702																								
ZZZZZZ	1	1708																								
ZZZZZZ	5	1714																								
ZZZZZZ	1	1719																								
ZZZZZZ	1	1725																								
ZZZZZZ	1	1731																								
ZZZZZZ	1	1737																								
ZZZZZZ	1	1743																								
ZZZZZZ	1	1748																								
ZZZZZZ	1	1754																								
ZZZZZZ	1	1800																								
ZZZZZZ	1	1806																								
ZZZZZZ	1	1811																								
ZZZZZZ	1	1817																								
ZZZZZZ	1	1823																								
ZZZZZZ	1	1829																								

Advanced Environmental Laboratories, Inc.

ANALYSIS RUN LOG

Client: Environmental Chemical Corporation (ECC)

SDG ID: J2215752

Instrument: J3R

Run Number: 221208R1

Start Date: 12/8/2022 **End Date:** 12/8/2022 **Analytical Method:** SW-846 6020A

Client Sample No.	DF	Time	Analytes																									
			AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	NI	K	SE	AG	NA	TL	V	ZN	B	LI
ZZZZZZ	1	1835																										
ZZZZZZ	1	1840																										

Advanced Environmental Laboratories, Inc.

ANALYSIS RUN LOG

Client: Environmental Chemical Corporation (ECC) **SDG ID:** J2215752

Instrument: J3R **Run Number:** 221130R1

Start Date: 11/30/2022 **End Date:** 11/30/2022 **Analytical Method:** SW-846 6020A

Client Sample No.	DF	Time	Analytes																								
			HG	MO	SI	SN	SR	TI	U	TH																	
RB J3MS-3025 J3MS-3029	1	08:23																									
CALB J3MS-3025 J3MS-3029	1	08:28																									
ICAL1 J3MS-3016	1	08:34																									
ICAL2 J3MS-3017	1	08:40																									
ICAL3 J3MS-3018	1	08:45																									
ICAL4 J3MS-3019	1	08:51																									
ICAL5 J3MS-3020	1	08:57																									
ICAL6 J3MS-3021	1	09:03																									
ICAL7 J3MS-3022	1	09:09																									
ZZZZZZ	1	09:14																									
ICV1 J3MS-3023	1	09:20																									
IB J3MS-3025 J3MS-3029	1	09:26																									
LLCCV1 J3MS-3016	1	09:32																									
LLCCV2 J3MS-3017	1	09:37																									
ICSA J3MS-3024	1	09:43		X				X																			
ZZZZZZ	1	09:54																									
ZZZZZZ	1	10:00																									
ZZZZZZ	1	10:05																									
ZZZZZZ	1	10:11																									
ZZZZZZ	1	10:17																									
ZZZZZZ	1	10:23																									
ZZZZZZ	1	10:28																									
ZZZZZZ	1	10:34																									
ZZZZZZ	1	10:40																									
ZZZZZZ	1	10:46																									
CCV J3MS-3019	1	10:51																									
CCB J3MS-3025 J3MS-3029	1	10:57																									
ZZZZZZ	1	11:03																									
ZZZZZZ	1	11:09																									
ZZZZZZ	1	11:14																									
ZZZZZZ	1	11:20																									
ZZZZZZ	1	11:26																									
ZZZZZZ	1	11:32																									
ZZZZZZ	1	11:37																									

Advanced Environmental Laboratories, Inc.

ANALYSIS RUN LOG

Client: Environmental Chemical Corporation (ECC) **SDG ID:** J2215752

Instrument: J3R **Run Number:** 221130R1

Start Date: 11/30/2022 **End Date:** 11/30/2022 **Analytical Method:** SW-846 6020A

Client Sample No.	DF	Time	Analytes																								
			HG	MO	SI	SN	SR	TI	U	TH																	
ZZZZZZ	1	11:43																									
ZZZZZZ	1	11:49																									
J2215752002	1	11:55																									
CCV J3MS-3019	1	12:01																									
CCB J3MS-3025 J3MS-3029	1	12:06																									
J2215752002SD 5X	5	12:12																									
ZZZZZZ	1	12:18																									
ZZZZZZ	1	12:24																									
J2215752002PS	1	12:29																									
J2215752003	1	12:35																									
J2215752005	1	12:41																									
CCV J3MS-3019	1	12:47																									
CCB J3MS-3025 J3MS-3029	1	12:52																									

Advanced Environmental Laboratories, Inc.

ANALYSIS RUN LOG

Client: Environmental Chemical Corporation (ECC) **SDG ID:** J2215752

Instrument: J3R **Run Number:** 221206R2

Start Date: 12/6/2022 **End Date:** 12/7/2022 **Analytical Method:** SW-846 6020A

Client Sample No.	DF	Time	Analytes																								
			HG	MO	SI	SN	SR	TI	U	TH																	
RB J3MS-3025 J3MS-3029	1	15:55																									
CALB J3MS-3025 J3MS-3029	1	16:00																									
ICAL1 J3MS-3016	1	16:06																									
ICAL2 J3MS-3017	1	16:12																									
ICAL3 J3MS-3018	1	16:18																									
ICAL4 J3MS-3019	1	16:23																									
ICAL5 J3MS-3020	1	16:29																									
ICAL6 J3MS-3021	1	16:35																									
ICAL7 J3MS-3022	1	16:41																									
ZZZZZZ	1	16:46																									
ICV1 J3MS-3023	1	16:52																									
IB J3MS-3025 J3MS-3029	1	16:58																									
LLCCV1 J3MS-3016	1	17:04																									
LLCCV2 J3MS-3017	1	17:09																									
ICSA J3MS-3024	1	17:15		X				X																			
ZZZZZZ	5	17:27																									
ZZZZZZ	50	17:32																									
ZZZZZZ	100	17:50																									
ZZZZZZ	5	17:56																									
ZZZZZZ	100	18:01																									
ZZZZZZ	10	18:13																									
ZZZZZZ	1	18:19																									
ZZZZZZ	1	18:25																									
ZZZZZZ	5	18:30																									
ZZZZZZ	20	18:42																									
ZZZZZZ	100	18:53																									
ZZZZZZ	20	18:59																									
ZZZZZZ	10	19:05																									
ZZZZZZ	10	19:11																									
ZZZZZZ	50	19:17																									
ZZZZZZ	50	19:22																									
CCV J3MS-3019	1	19:28																									
CCB J3MS-3025 J3MS-3029	1	19:34																									
J2215752002 100x	100	19:40																									

Advanced Environmental Laboratories, Inc.

ANALYSIS RUN LOG

Client: Environmental Chemical Corporation (ECC) **SDG ID:** J2215752

Instrument: J3R **Run Number:** 221206R2

Start Date: 12/6/2022 **End Date:** 12/7/2022 **Analytical Method:** SW-846 6020A

Client Sample No.	DF	Time	Analytes																								
			HG	MO	SI	SN	SR	TI	U	TH																	
J2215752002SD 500X	500	19:45																									
ZZZZZZ	100	19:51																									
ZZZZZZ	100	19:57																									
J2215752002PS 100X	100	20:03																									
J2215752003 100X	100	20:09																									
ZZZZZZ	1	20:14																									
ZZZZZZ	1	20:20																									
ZZZZZZ	1	20:26																									
J2215752007	1	20:32																									
CCV J3MS-3019	1	20:37																									
CCB J3MS-3025 J3MS-3029	1	20:43																									
J2215752007SD 5X	5	20:49																									
ZZZZZZ	1	20:55																									
ZZZZZZ	1	21:01																									
J2215752007PS	1	21:06																									
J2215752008	1	21:12																									
J2215752009	1	21:18																									
J2215752010	1	21:24																									
J2215752011	1	21:30																									
ZZZZZZ	1	21:35																									
J2215752014	1	21:41																									
CCV J3MS-3019	1	21:47																									
CCB J3MS-3025 J3MS-3029	1	21:53																									
J2215752004	1	21:58																									
ZZZZZZ	1	22:04																									
ZZZZZZ	1	22:10																									
ZZZZZZ	1	22:16																									
ZZZZZZ	1	22:22																									
ZZZZZZ	1	22:27																									
ZZZZZZ	1	22:33																									
ZZZZZZ	1	22:39																									
ZZZZZZ	1	22:45																									
ZZZZZZ	1	22:51																									
CCV J3MS-3019	1	22:56																									

Advanced Environmental Laboratories, Inc.

ANALYSIS RUN LOG

Client: Environmental Chemical Corporation (ECC) **SDG ID:** J2215752

Instrument: J3R **Run Number:** 221206R2

Start Date: 12/6/2022 **End Date:** 12/7/2022 **Analytical Method:** SW-846 6020A

Client Sample No.	DF	Time	Analytes																								
			HG	MO	SI	SN	SR	TI	U	TH																	
CCB J3MS-3025 J3MS-3029	1	23:02																									
ZZZZZZ	1	23:08																									
ZZZZZZ	1	23:14																									
ZZZZZZ	1	23:20																									
ZZZZZZ	1	23:25																									
ZZZZZZ	1	23:31																									
ZZZZZZ	5	23:37																									
ZZZZZZ	1	23:43																									
ZZZZZZ	1	23:49																									
ZZZZZZ	1	23:54																									
ZZZZZZ	1	00:00																									
ZZZZZZ	1	00:06																									
ZZZZZZ	1	00:12																									
ZZZZZZ	1	00:18																									
ZZZZZZ	1	00:23																									
ZZZZZZ	1	00:29																									
ZZZZZZ	1	00:35																									
ZZZZZZ	1	00:40																									
ZZZZZZ	1	00:46																									

Advanced Environmental Laboratories, Inc.

ANALYSIS RUN LOG

Client: Environmental Chemical Corporation (ECC) **SDG ID:** J2215752

Instrument: J3R **Run Number:** 221208R1

Start Date: 12/8/2022 **End Date:** 12/8/2022 **Analytical Method:** SW-846 6020A

Client Sample No.	DF	Time	Analytes																								
			HG	MO	SI	SN	SR	TI	U	TH																	
RB J3MS-3025 J3MS-3032	1	08:47																									
CALB J3MS-3025 J3MS-3032	1	08:53																									
ICAL1 J3MS-3016	1	08:59																									
ICAL2 J3MS-3017	1	09:04																									
ICAL3 J3MS-3018	1	09:10																									
ICAL4 J3MS-3031	1	09:16																									
ICAL5 J3MS-3020	1	09:22																									
ICAL6 J3MS-3021	1	09:27																									
ICAL7 J3MS-3022	1	09:33																									
ZZZZZZ	1	09:39																									
ICV1 J3MS-3023	1	09:45																									
IB J3MS-3025 J3MS-3032	1	09:50																									
LLCCV1 J3MS-3016	1	09:56																									
LLCCV2 J3MS-3017	1	10:02																									
ICSA J3MS-3024	1	10:08		X				X																			
J2215752006 100X	100	10:24																									
J2215752008 10X	10	10:36																									
J2215752009 50X	50	10:41																									
J2215752010 10X	10	10:47																									
J2215752011 10X	10	10:53																									
J2215752012 20X	20	11:04																									
J2215752004 10X	10	11:10																									
CCV J3MS-3031	1	11:16																									
CCB J3MS-3025 J3MS-3032	1	11:22																									
ZZZZZZ	100	11:33																									
ZZZZZZ	100	11:45																									
ZZZZZZ	50	11:51																									
ZZZZZZ	100	11:56																									
ZZZZZZ	10	12:02																									
ZZZZZZ	10	12:08																									
ZZZZZZ	5	12:14																									
ZZZZZZ	25	12:19																									
ZZZZZZ	1	12:25																									
ZZZZZZ	1	12:31																									

Advanced Environmental Laboratories, Inc.

ANALYSIS RUN LOG

Client: Environmental Chemical Corporation (ECC) **SDG ID:** J2215752

Instrument: J3R **Run Number:** 221208R1

Start Date: 12/8/2022 **End Date:** 12/8/2022 **Analytical Method:** SW-846 6020A

Client Sample No.	DF	Time	Analytes																								
			HG	MO	SI	SN	SR	TI	U	TH																	
ZZZZZZ	5	12:37																									
ZZZZZZ	5	12:42																									
ZZZZZZ	5	12:48																									
ZZZZZZ	1	12:54																									
ZZZZZZ	1	13:00																									
ZZZZZZ	1	13:06																									
ZZZZZZ	1	13:11																									
ZZZZZZ	1	13:17																									
ZZZZZZ	1	13:23																									
ZZZZZZ	1	13:29																									
ZZZZZZ	1	13:34																									
ZZZZZZ	1	13:40																									
ZZZZZZ	1	13:46																									
ZZZZZZ	1	13:52																									
ZZZZZZ	1	13:57																									
ZZZZZZ	1	14:03																									
ZZZZZZ	1	14:09																									
ZZZZZZ	1	14:15																									
ZZZZZZ	1	14:21																									
ZZZZZZ	1	14:26																									
ZZZZZZ	1	14:32																									
ZZZZZZ	1	14:38																									
ZZZZZZ	1	14:44																									
ZZZZZZ	1	14:49																									
ZZZZZZ	5	14:55																									
ZZZZZZ	1	15:01																									
ZZZZZZ	1	15:07																									
ZZZZZZ	1	15:12																									
ZZZZZZ	1	15:18																									
ZZZZZZ	1	15:24																									
ZZZZZZ	1	15:30																									
ZZZZZZ	5	15:36																									
ZZZZZZ	1	15:41																									
ZZZZZZ	1	15:47																									

Advanced Environmental Laboratories, Inc.

ANALYSIS RUN LOG

Client: Environmental Chemical Corporation (ECC) **SDG ID:** J2215752

Instrument: J3R **Run Number:** 221208R1

Start Date: 12/8/2022 **End Date:** 12/8/2022 **Analytical Method:** SW-846 6020A

Client Sample No.	DF	Time	Analytes																								
			HG	MO	SI	SN	SR	TI	U	TH																	
ZZZZZZ	1	15:53																									
ZZZZZZ	1	15:59																									
ZZZZZZ	1	16:04																									
ZZZZZZ	1	16:10																									
ZZZZZZ	5	16:16																									
ZZZZZZ	1	16:22																									
ZZZZZZ	1	16:27																									
ZZZZZZ	1	16:33																									
ZZZZZZ	1	16:39																									
ZZZZZZ	1	16:45																									
ZZZZZZ	1	16:51																									
ZZZZZZ	1	16:56																									
ZZZZZZ	1	17:02																									
ZZZZZZ	1	17:08																									
ZZZZZZ	5	17:14																									
ZZZZZZ	1	17:19																									
ZZZZZZ	1	17:25																									
ZZZZZZ	1	17:31																									
ZZZZZZ	1	17:37																									
ZZZZZZ	1	17:43																									
ZZZZZZ	1	17:48																									
ZZZZZZ	1	17:54																									
ZZZZZZ	1	18:00																									
ZZZZZZ	1	18:06																									
ZZZZZZ	1	18:11																									
ZZZZZZ	1	18:17																									
ZZZZZZ	1	18:23																									
ZZZZZZ	1	18:29																									
ZZZZZZ	1	18:35																									
ZZZZZZ	1	18:40																									

Advanced Environmental Laboratories, Inc.

INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Client: Environmental Chemical Corporation (ECC) **SDG NO.:** J2215752

Instrument: J3R **Run No.:** 221130R1

Start Time: 0828 **End Time:** 1252 **Method:** SW-846 6020A

Sample ID	Client ID	Time	Internal Standards %RI For: Element 209Bi (K	Q	Element 115In (K	Q	Element 6Li (KED)	Q	Element 45Sc (KEI	Q	Element 159Tb (KE	Q	Element 89Y (KED)	Q
CALB J3MS-3	CALB J3MS-3025 J	0828	100.0		100.0		100.0		100.0		100.0		100.0	
ICAL1 J3MS-	ICAL1 J3MS-3016	0834	107.0		100.3		97.5		97.7		99.8		98.6	
ICAL2 J3MS-	ICAL2 J3MS-3017	0840	105.6		97.6		100.2		95.0		99.1		96.6	
ICAL3 J3MS-	ICAL3 J3MS-3018	0845	109.8		100.6		94.4		97.6		100.9		99.4	
ICAL4 J3MS-	ICAL4 J3MS-3019	0851	103.9		93.6		84.7		90.4		95.9		92.6	
ICAL5 J3MS-	ICAL5 J3MS-3020	0857	102.6		92.8		96.9		89.5		96.5		89.9	
ICAL6 J3MS-	ICAL6 J3MS-3021	0903	107.7		93.1		96.4		86.5		97.8		89.8	
ICAL7 J3MS-	ICAL7 J3MS-3022	0909	109.0		93.2		87.5		87.8		95.7		90.0	
ZZZZZZ	ZZZZZZ	0914												
ICV1	ICV1 J3MS-3023	0920	107.5		97.9		93.1		93.1		97.6		96.3	
ICB1	IB J3MS-3025 J3M	0926	106.2		93.5		93.3		88.7		94.0		91.7	
CRDL1	LLCCV1 J3MS-3016	0932	106.4		94.0		91.0		89.8		95.7		91.2	
CRDL2	LLCCV2 J3MS-3017	0937	103.2		90.9		88.5		86.8		92.8		88.1	
ICS-A1	ICSA J3MS-3024	0943	99.5		83.9		72.2		77.6		88.3		81.3	
4562354	ZZZZZZ	0954												
4562355	ZZZZZZ	1000												
ZZZZZZ	ZZZZZZ	1005												
ZZZZZZ	ZZZZZZ	1011												
ZZZZZZ	ZZZZZZ	1017												
ZZZZZZ	ZZZZZZ	1023												
ZZZZZZ	ZZZZZZ	1028												
ZZZZZZ	ZZZZZZ	1034												
ZZZZZZ	ZZZZZZ	1040												
ZZZZZZ	ZZZZZZ	1046												
CCV1	CCV J3MS-3019	1051	105.1		91.7		94.3		87.4		93.7		89.4	
CCB1	CCB J3MS-3025 J3	1057	107.5		92.2		85.4		86.7		93.6		89.0	
ZZZZZZ	ZZZZZZ	1103												
ZZZZZZ	ZZZZZZ	1109												
ZZZZZZ	ZZZZZZ	1114												
ZZZZZZ	ZZZZZZ	1120												
ZZZZZZ	ZZZZZZ	1126												
ZZZZZZ	ZZZZZZ	1132												
ZZZZZZ	ZZZZZZ	1137												
ZZZZZZ	ZZZZZZ	1143												
ZZZZZZ	ZZZZZZ	1149												
J2215752002	J2215752002	1155	95.4		76.7		62.6		66.9		81.5		80.6	

Comments: _____

Advanced Environmental Laboratories, Inc.

INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Client: Environmental Chemical Corporation (ECC) **SDG NO.:** J2215752

Instrument: J3R **Run No.:** 221130R1

Start Time: 0828 **End Time:** 1252 **Method:** SW-846 6020A

Sample ID	Client ID	Time	Internal Standards %RI For: Element 209Bi (K	Q	Element 115In (K	Q	Element 6Li (KED)	Q	Element 45Sc (KEI	Q	Element 159Tb (KE	Q	Element 89Y (KED)	Q
CCV2	CCV J3MS-3019	1201	95.4		77.8		63.4		69.4		82.3		73.8	
CCB2	CCB J3MS-3025 J3	1206	99.2		80.6		67.2		72.5		83.7		76.1	
J2215752002	J2215752002SD 5X	1212	96.8		78.7		71.8		70.2		81.3		75.8	
4562356	ZZZZZZ	1218												
4562357	ZZZZZZ	1224												
J2215752002	J2215752002PS	1229	90.6		73.0		54.6		63.3		78.1		76.3	
J2215752003	J2215752003	1235	93.4		74.9		60.0		64.9		79.7		72.7	
J2215752005	J2215752005	1241	95.8		77.3		66.3		67.7		80.1		74.5	
CCV3	CCV J3MS-3019	1247	93.8		75.9		54.0		65.9		80.9		71.7	
CCB3	CCB J3MS-3025 J3	1252	97.6		79.1		62.5		68.5		82.8		74.7	

Comments:

Advanced Environmental Laboratories, Inc.

INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Client: Environmental Chemical Corporation (ECC) **SDG NO.:** J2215752

Instrument: J3R **Run No.:** 221206R2

Start Time: 1600 **End Time:** 0046 **Method:** SW-846 6020A

Sample ID	Client ID	Time	Internal Standards %RI For: Element 209Bi (K	Q	Element 115In (K	Q	Element 6Li (KED)	Q	Element 45Sc (KEI	Q	Element 159Tb (KE	Q	Element 89Y (KED)	Q
CALB J3MS-3	CALB J3MS-3025 J	1600	100.0		100.0		100.0		100.0		100.0		100.0	
ICAL1 J3MS-	ICAL1 J3MS-3016	1606	102.0		103.0		111.0		101.7		103.1		101.6	
ICAL2 J3MS-	ICAL2 J3MS-3017	1612	98.0		99.2		103.5		97.4		100.0		98.5	
ICAL3 J3MS-	ICAL3 J3MS-3018	1618	100.5		100.5		105.5		99.5		102.4		99.8	
ICAL4 J3MS-	ICAL4 J3MS-3019	1623	97.2		99.2		97.5		97.8		100.6		97.1	
ICAL5 J3MS-	ICAL5 J3MS-3020	1629	94.6		97.9		98.1		97.1		100.5		95.0	
ICAL6 J3MS-	ICAL6 J3MS-3021	1635	101.2		98.4		94.3		95.1		100.8		94.8	
ICAL7 J3MS-	ICAL7 J3MS-3022	1641	100.4		98.2		102.1		94.0		99.0		93.8	
ZZZZZZ	ZZZZZZ	1646												
ICV1	ICV1 J3MS-3023	1652	102.7		104.2		104.1		101.4		104.1		99.3	
ICB1	IB J3MS-3025 J3M	1658	101.8		103.4		99.9		101.1		102.3		99.7	
CRDL1	LLCCV1 J3MS-3016	1704	102.0		102.3		106.9		98.4		102.0		97.5	
CRDL2	LLCCV2 J3MS-3017	1709	99.6		101.2		100.0		98.6		101.0		95.4	
ICS-A1	ICSA J3MS-3024	1715	94.4		95.0		97.6		93.2		97.8		90.9	
ZZZZZZ	ZZZZZZ	1727												
ZZZZZZ	ZZZZZZ	1732												
ZZZZZZ	ZZZZZZ	1750												
ZZZZZZ	ZZZZZZ	1756												
ZZZZZZ	ZZZZZZ	1801												
ZZZZZZ	ZZZZZZ	1813												
ZZZZZZ	ZZZZZZ	1819												
ZZZZZZ	ZZZZZZ	1825												
ZZZZZZ	ZZZZZZ	1830												
ZZZZZZ	ZZZZZZ	1842												
ZZZZZZ	ZZZZZZ	1853												
ZZZZZZ	ZZZZZZ	1859												
ZZZZZZ	ZZZZZZ	1905												
ZZZZZZ	ZZZZZZ	1911												
ZZZZZZ	ZZZZZZ	1917												
ZZZZZZ	ZZZZZZ	1922												
CCV2	CCV J3MS-3019	1928	95.0		98.5		99.9		93.3		98.8		87.0	
CCB2	CCB J3MS-3025 J3	1934	96.9		100.9		97.8		93.3		99.1		87.0	
J2215752002	J2215752002 100X	1940	99.4		101.6		105.7		96.1		100.6		88.7	
J2215752002	J2215752002SD 50	1945	97.0		100.0		102.6		93.8		99.4		86.0	
4562356	ZZZZZZ	1951												
4562357	ZZZZZZ	1957												

Comments:

Advanced Environmental Laboratories, Inc.

INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Client: Environmental Chemical Corporation (ECC) **SDG NO.:** J2215752

Instrument: J3R **Run No.:** 221206R2

Start Time: 1600 **End Time:** 0046 **Method:** SW-846 6020A

Sample ID	Client ID	Time	Internal Standards %RI For: Element 209Bi (K	Q	Element 115In (K	Q	Element 6Li (KED)	Q	Element 45Sc (KEI	Q	Element 159Tb (KE	Q	Element 89Y (KED)	Q
J2215752002	J2215752002PS 10	2003	97.5		99.9		100.1		93.0		98.4		86.6	
J2215752003	J2215752003 100X	2009	95.9		97.6		90.1		93.1		98.0		86.4	
4563740	ZZZZZZ	2014												
4563741	ZZZZZZ	2020												
ZZZZZZ	ZZZZZZ	2026												
J2215752007	J2215752007	2032	96.7		99.9		97.3		94.0		98.1		92.4	
CCV3	CCV J3MS-3019	2037	96.0		102.5		104.7		95.7		100.9		88.3	
CCB3	CCB J3MS-3025 J3	2043	98.1		102.5		103.9		95.0		101.2		87.1	
J2215752007	J2215752007SD 5X	2049	98.8		102.3		105.5		94.0		101.0		88.9	
4563742	ZZZZZZ	2055												
4563743	ZZZZZZ	2101												
J2215752007	J2215752007PS	2106	93.3		97.5		95.1		90.4		98.8		90.4	
J2215752008	J2215752008	2112	94.7		97.8		97.6		90.7		97.7		91.9	
J2215752009	J2215752009	2118	94.3		97.0		105.3		93.1		98.5		96.0	
J2215752010	J2215752010	2124	97.4		100.9		101.5		95.5		101.2		107.0	
J2215752011	J2215752011	2130	97.5		100.3		100.2		93.8		102.2		105.9	
ZZZZZZ	ZZZZZZ	2135												
J2215752014	J2215752014	2141	96.7		98.4		95.6		92.0		100.7		86.5	
CCV4	CCV J3MS-3019	2147	95.7		101.2		93.0		93.9		102.4		87.6	
CCB4	CCB J3MS-3025 J3	2153	98.7		101.5		98.9		95.1		104.1		90.1	
J2215752004	J2215752004	2158	88.6		93.3		98.6		91.4		96.5		90.0	
ZZZZZZ	ZZZZZZ	2204												
ZZZZZZ	ZZZZZZ	2210												
ZZZZZZ	ZZZZZZ	2216												
ZZZZZZ	ZZZZZZ	2222												
ZZZZZZ	ZZZZZZ	2227												
ZZZZZZ	ZZZZZZ	2233												
ZZZZZZ	ZZZZZZ	2239												
ZZZZZZ	ZZZZZZ	2245												
ZZZZZZ	ZZZZZZ	2251												
CCV5	CCV J3MS-3019	2256	92.2		95.0		95.8		90.4		99.8		85.6	
CCB5	CCB J3MS-3025 J3	2302	95.3		97.5		96.4		91.2		100.2		87.5	
ZZZZZZ	ZZZZZZ	2308												
ZZZZZZ	ZZZZZZ	2314												
ZZZZZZ	ZZZZZZ	2320												
ZZZZZZ	ZZZZZZ	2325												

Comments:

Advanced Environmental Laboratories, Inc.

INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Client: Environmental Chemical Corporation (ECC) **SDG NO.:** J2215752

Instrument: J3R **Run No.:** 221206R2

Start Time: 1600 **End Time:** 0046 **Method:** SW-846 6020A

Sample ID	Client ID	Time	Internal Standards %RI For: Element 209Bi (K	Q	Element 115In (K	Q	Element 6Li (KED)	Q	Element 45Sc (KEI	Q	Element 159Tb (KE	Q	Element 89Y (KED)	Q
ZZZZZZ	ZZZZZZ	2331												
ZZZZZZ	ZZZZZZ	2337												
ZZZZZZ	ZZZZZZ	2343												
ZZZZZZ	ZZZZZZ	2349												
ZZZZZZ	ZZZZZZ	2354												
ZZZZZZ	ZZZZZZ	0000												
ZZZZZZ	ZZZZZZ	0006												
ZZZZZZ	ZZZZZZ	0012												
ZZZZZZ	ZZZZZZ	0018												
ZZZZZZ	ZZZZZZ	0023												
ZZZZZZ	ZZZZZZ	0029												
ZZZZZZ	ZZZZZZ	0035												
ZZZZZZ	ZZZZZZ	0040												
ZZZZZZ	ZZZZZZ	0046												

Comments:

Advanced Environmental Laboratories, Inc.

INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Client: Environmental Chemical Corporation (ECC) **SDG NO.:** J2215752

Instrument: J3R **Run No.:** 221208R1

Start Time: 0853 **End Time:** 1840 **Method:** SW-846 6020A

Sample ID	Client ID	Time	Internal Standards %RI For: Element 209Bi (K	Q	Element 115In (K	Q	Element 6Li (KED)	Q	Element 45Sc (KEI	Q	Element 159Tb (KE	Q	Element 89Y (KED)	Q
CALB J3MS-3	CALB J3MS-3025 J	0853	100.0		100.0		100.0		100.0		100.0		100.0	
ICAL1 J3MS-	ICAL1 J3MS-3016	0859	100.6		98.6		99.0		97.8		100.6		99.4	
ICAL2 J3MS-	ICAL2 J3MS-3017	0904	99.3		96.4		93.8		96.3		99.5		96.9	
ICAL3 J3MS-	ICAL3 J3MS-3018	0910	94.5		91.3		88.9		92.4		96.1		94.6	
ICAL4 J3MS-	ICAL4 J3MS-3031	0916	94.5		91.4		94.1		92.3		97.0		93.4	
ICAL5 J3MS-	ICAL5 J3MS-3020	0922	90.1		89.0		88.8		90.9		94.1		90.6	
ICAL6 J3MS-	ICAL6 J3MS-3021	0927	100.6		96.3		90.6		93.9		100.3		94.3	
ICAL7 J3MS-	ICAL7 J3MS-3022	0933	99.9		96.7		96.4		96.5		99.4		95.2	
ZZZZZZ	ZZZZZZ	0939												
ICV1	ICV1 J3MS-3023	0945	99.5		100.9		97.3		99.4		103.0		99.8	
ICB1	IB J3MS-3025 J3M	0950	101.9		100.7		95.1		99.3		101.9		101.0	
CRDL1	LLCCV1 J3MS-3016	0956	100.3		98.6		91.2		98.9		102.0		98.7	
CRDL2	LLCCV2 J3MS-3017	1002	97.0		94.7		89.3		96.2		98.7		96.1	
ICS-A1	ICSA J3MS-3024	1008	91.7		90.4		95.2		92.9		96.7		93.9	
J2215752006	J2215752006 100X	1024	99.5		96.3		97.5		97.3		102.4		116.2	
J2215752008	J2215752008 10X	1036	96.6		95.1		95.4		96.4		100.2		98.7	
J2215752009	J2215752009 50X	1041	94.4		92.4		93.1		94.8		97.4		95.9	
J2215752010	J2215752010 10X	1047	96.4		92.6		92.6		95.7		98.0		100.9	
J2215752011	J2215752011 10X	1053	97.1		91.5		87.5		94.6		98.3		100.4	
J2215752012	J2215752012 20X	1104	95.8		92.3		89.1		94.1		98.1		106.5	
J2215752004	J2215752004 10X	1110	94.9		93.3		89.0		95.5		97.2		98.5	
CCV1	CCV J3MS-3031	1116	89.5		88.5		90.6		90.3		93.8		89.9	
CCB1	CCB J3MS-3025 J3	1122	95.4		92.5		89.9		93.2		96.2		92.8	
ZZZZZZ	ZZZZZZ	1133												
ZZZZZZ	ZZZZZZ	1145												
ZZZZZZ	ZZZZZZ	1151												
ZZZZZZ	ZZZZZZ	1156												
ZZZZZZ	ZZZZZZ	1202												
ZZZZZZ	ZZZZZZ	1208												
ZZZZZZ	ZZZZZZ	1214												
ZZZZZZ	ZZZZZZ	1219												
ZZZZZZ	ZZZZZZ	1225												
ZZZZZZ	ZZZZZZ	1231												
ZZZZZZ	ZZZZZZ	1237												
ZZZZZZ	ZZZZZZ	1242												
ZZZZZZ	ZZZZZZ	1248												

Comments:

Advanced Environmental Laboratories, Inc.

INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Client: Environmental Chemical Corporation (ECC) **SDG NO.:** J2215752

Instrument: J3R **Run No.:** 221208R1

Start Time: 0853 **End Time:** 1840 **Method:** SW-846 6020A

Sample ID	Client ID	Time	Internal Standards %RI For:													
			Element 209Bi (K	Q	Element 115In (K	Q	Element 6Li (KED)	Q	Element 45Sc (KEI	Q	Element 159Tb (KE	Q	Element 89Y (KED)	Q
ZZZZZZ	ZZZZZZ	1254												
ZZZZZZ	ZZZZZZ	1300												
ZZZZZZ	ZZZZZZ	1306												
ZZZZZZ	ZZZZZZ	1311												
ZZZZZZ	ZZZZZZ	1317												
ZZZZZZ	ZZZZZZ	1323												
ZZZZZZ	ZZZZZZ	1329												
ZZZZZZ	ZZZZZZ	1334												
ZZZZZZ	ZZZZZZ	1340												
ZZZZZZ	ZZZZZZ	1346												
ZZZZZZ	ZZZZZZ	1352												
ZZZZZZ	ZZZZZZ	1357												
ZZZZZZ	ZZZZZZ	1403												
ZZZZZZ	ZZZZZZ	1409												
ZZZZZZ	ZZZZZZ	1415												
ZZZZZZ	ZZZZZZ	1421												
ZZZZZZ	ZZZZZZ	1426												
ZZZZZZ	ZZZZZZ	1432												
ZZZZZZ	ZZZZZZ	1438												
ZZZZZZ	ZZZZZZ	1444												
ZZZZZZ	ZZZZZZ	1449												
ZZZZZZ	ZZZZZZ	1455												
ZZZZZZ	ZZZZZZ	1501												
ZZZZZZ	ZZZZZZ	1507												
ZZZZZZ	ZZZZZZ	1512												
ZZZZZZ	ZZZZZZ	1518												
ZZZZZZ	ZZZZZZ	1524												
ZZZZZZ	ZZZZZZ	1530												
ZZZZZZ	ZZZZZZ	1536												
ZZZZZZ	ZZZZZZ	1541												
ZZZZZZ	ZZZZZZ	1547												
ZZZZZZ	ZZZZZZ	1553												
ZZZZZZ	ZZZZZZ	1559												
ZZZZZZ	ZZZZZZ	1604												
ZZZZZZ	ZZZZZZ	1610												
ZZZZZZ	ZZZZZZ	1616												

Comments:

Advanced Environmental Laboratories, Inc.

INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Client: Environmental Chemical Corporation (ECC) **SDG NO.:** J2215752

Instrument: J3R **Run No.:** 221208R1

Start Time: 0853 **End Time:** 1840 **Method:** SW-846 6020A

Sample ID	Client ID	Time	Internal Standards %RI For: Element 209Bi (K	Q	Element 115In (K	Q	Element 6Li (KED)	Q	Element 45Sc (KEI	Q	Element 159Tb (KE	Q	Element 89Y (KED)	Q
ZZZZZZ	ZZZZZZ	1622												
ZZZZZZ	ZZZZZZ	1627												
ZZZZZZ	ZZZZZZ	1633												
ZZZZZZ	ZZZZZZ	1639												
ZZZZZZ	ZZZZZZ	1645												
ZZZZZZ	ZZZZZZ	1651												
ZZZZZZ	ZZZZZZ	1656												
ZZZZZZ	ZZZZZZ	1702												
ZZZZZZ	ZZZZZZ	1708												
ZZZZZZ	ZZZZZZ	1714												
ZZZZZZ	ZZZZZZ	1719												
ZZZZZZ	ZZZZZZ	1725												
ZZZZZZ	ZZZZZZ	1731												
ZZZZZZ	ZZZZZZ	1737												
ZZZZZZ	ZZZZZZ	1743												
ZZZZZZ	ZZZZZZ	1748												
ZZZZZZ	ZZZZZZ	1754												
ZZZZZZ	ZZZZZZ	1800												
ZZZZZZ	ZZZZZZ	1806												
ZZZZZZ	ZZZZZZ	1811												
ZZZZZZ	ZZZZZZ	1817												
ZZZZZZ	ZZZZZZ	1823												
ZZZZZZ	ZZZZZZ	1829												
ZZZZZZ	ZZZZZZ	1835												
ZZZZZZ	ZZZZZZ	1840												

Comments: _____

Raw Data

Sample List Summary

12/2/2022 8:00:53 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

LabBook	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Created by (User)	LAB-AELLAB\Jax-uICP…	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICP…	Last change time	12/2/2022 8:00:15 AM

Label	Sample Type	Start time	Comment
RB J3MS-3025 J3MS-3029	BLK	11/30/2022 8:23:02 AM	LL
CALB J3MS-3025 J3MS-3029	BLK	11/30/2022 8:28:44 AM	LL
ICAL1 J3MS-3016	STD	11/30/2022 8:34:29 AM	LL
ICAL2 J3MS-3017	STD	11/30/2022 8:40:14 AM	LL
ICAL3 J3MS-3018	STD	11/30/2022 8:45:59 AM	LL
ICAL4 J3MS-3019	STD	11/30/2022 8:51:44 AM	LL
ICAL5 J3MS-3020	STD	11/30/2022 8:57:31 AM	LL
ICAL6 J3MS-3021	STD	11/30/2022 9:03:16 AM	LL
ICAL7 J3MS-3022	STD	11/30/2022 9:09:02 AM	LL
RINSE	UNKNOWN	11/30/2022 9:14:48 AM	LL
ICV1 J3MS-3023	QC	11/30/2022 9:20:33 AM	LL
IB J3MS-3025 J3MS-3029	QC	11/30/2022 9:26:20 AM	LL
LLCCV1 J3MS-3016	QC	11/30/2022 9:32:04 AM	LL
LLCCV2 J3MS-3017	QC	11/30/2022 9:37:49 AM	LL
ICSA J3MS-3024	QC	11/30/2022 9:43:34 AM	LL
4562354	UNKNOWN	11/30/2022 9:54:14 AM	LL 2444
4562355	UNKNOWN	11/30/2022 10:00:00 AM	LL 2444
J2215557014	UNKNOWN	11/30/2022 10:05:45 AM	LL 2444
J2215557015	UNKNOWN	11/30/2022 10:11:30 AM	LL 2444
J2215557016	UNKNOWN	11/30/2022 10:17:16 AM	LL 2444
J2215557017	UNKNOWN	11/30/2022 10:23:01 AM	LL 2444
J2215557018	UNKNOWN	11/30/2022 10:28:46 AM	LL 2444
J2215557019	UNKNOWN	11/30/2022 10:34:32 AM	LL 2444
J2215557020	UNKNOWN	11/30/2022 10:40:17 AM	LL 2444
J2215723002	UNKNOWN	11/30/2022 10:46:04 AM	LL 2444
CCV J3MS-3019	QC	11/30/2022 10:51:50 AM	LL
CCB J3MS-3025 J3MS-3029	QC	11/30/2022 10:57:37 AM	LL
J2215723003	UNKNOWN	11/30/2022 11:03:22 AM	LL 2444
J2215723004	UNKNOWN	11/30/2022 11:09:09 AM	LL 2444
J2215723005	UNKNOWN	11/30/2022 11:14:56 AM	LL 2444
J2215723006	UNKNOWN	11/30/2022 11:20:41 AM	LL 2444
J2215723007	UNKNOWN	11/30/2022 11:26:27 AM	LL 2444
J2215723008	UNKNOWN	11/30/2022 11:32:13 AM	LL 2444
J2215723009	UNKNOWN	11/30/2022 11:37:58 AM	LL 2444
J2215723010	UNKNOWN	11/30/2022 11:43:44 AM	LL 2444
J2215723011	UNKNOWN	11/30/2022 11:49:29 AM	LL 2444
J2215752002	UNKNOWN	11/30/2022 11:55:15 AM	LL 2444
CCV J3MS-3019	QC	11/30/2022 12:01:01 PM	LL
CCB J3MS-3025 J3MS-3029	QC	11/30/2022 12:06:48 PM	LL
J2215752002SD 5X	UNKNOWN	11/30/2022 12:12:32 PM	LL 2444
4562356	UNKNOWN	11/30/2022 12:18:18 PM	LL 2444
4562357	UNKNOWN	11/30/2022 12:24:05 PM	LL 2444

Sample List Summary

12/2/2022 8:00:53 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Label	Sample Type	Start time	Comment
J2215752002PS	UNKNOWN	11/30/2022 12:29:52 PM	LL 2444
J2215752003	UNKNOWN	11/30/2022 12:35:39 PM	LL 2444
J2215752005	UNKNOWN	11/30/2022 12:41:24 PM	LL 2444
CCV J3MS-3019	QC	11/30/2022 12:47:11 PM	LL
CCB J3MS-3025 J3MS-3029	QC	11/30/2022 12:52:58 PM	LL
RINSE	UNKNOWN	11/30/2022 12:58:43 PM	LL
RINSE	UNKNOWN	11/30/2022 1:04:27 PM	LL
RINSE	UNKNOWN	11/30/2022 1:10:12 PM	LL

Performance Report

System

Start time:	11/30/2022 8:14:35 AM
Instrument:	iCAP RQ
Operator:	LAB-AELLAB\Jax-uICPMS3
Template:	KED 2
Instrument Serial Number:	RQ02518
Last Autotune:	Autotune-SourceTune High Matrix-20221130-081300915.imatdat
Solution:	No solution specified

Sensitivity & Stability Test

Result	Runs	Sweeps
Passed	5	30

Sensitivity

Analyte	Result	Value	Condition	Limit
Bkg4.5	Passed	0.022 CPS	Less than	0.5 CPS
Bkg220.7	Passed	0.33 CPS	Less than	2.0 CPS
59Co/35Cl.16O	Passed	30.7	Greater than	16.0
59Co	Passed	27,134.0 CPS	Greater than	25,000.0 CPS
238U	Passed	249,207.0 CPS	Greater than	80,000.0 CPS
140Ce.16O/140Ce	Passed	0.0044	Less than	0.02
115In	Passed	43,311.0 CPS	Greater than	30,000.0 CPS

Stability

Analyte	Value	Limit
59Co	0.8%	2
238U	0.5%	2
115In	0.3%	2

Mass Calibration Test

Result	Channels	Dwell	MeasureWidth	PointSpacing	Sweeps
Passed	75	0.04	1.5	0.02	5

Analyte	Result	Centroid Mass [u]	Offset	Peak width [u]	Peak width min [u]	Peak width max [u]
59Co	Passed	58.9688	0.0356	0.717	0.650	0.850
115In	Passed	114.9247	0.0208	0.742	0.650	0.850
238U	Passed	238.0683	0.0175	0.709	0.650	0.850

Tune Settings

Parameter	Value
Additional Gas Flow 1	0.00
Additional Gas Flow 2	0.00
Additional Gas Flow 3	0.00
Angular Deflection	-382.40
Auxilliary Flow	0.80
CCT Bias	-21.00
CCT Entry Lens	-98.00
CCT Exit Lens	-39.99
CCT Focus Lens	-11.00
CCT1 Flow	4.45
CCT1 Shut-Off Valve	1.00
CCT2 Flow	0.00
CCT2 Shut-Off Valve	0.00
Cool Flow	14.00
D1 Lens	-349.40
D2 Lens	-158.00
Deflection Entry Lens	-35.00
Dry Pump Speed	100.00
Extraction Lens 1 Negative	0.00
Extraction Lens 1 Polarity	0.00
Extraction Lens 1 Positive	0.00
Extraction Lens 2	-78.33
Focus Lens	-9.50
Nebulizer Flow	0.93
Peristaltic Pump Speed	30.00
Plasma Power	1550.00
Pole Bias	-18.00
Quad Entry Lens	-62.00
Sampling Depth	5.00
Spray Chamber Temperature	4.00
Torch Horizontal Position	-0.07
Torch Vertical Position	-1.10
Virtual CCT Mass Maximum Dac Limit Set	4095.00
Virtual CCT Mass parameter b	1.00
Virtual CCT Mass to Dac Factor	60.00
Virtual CCT Mass to Dac Offset	140.01

Vacuum Check

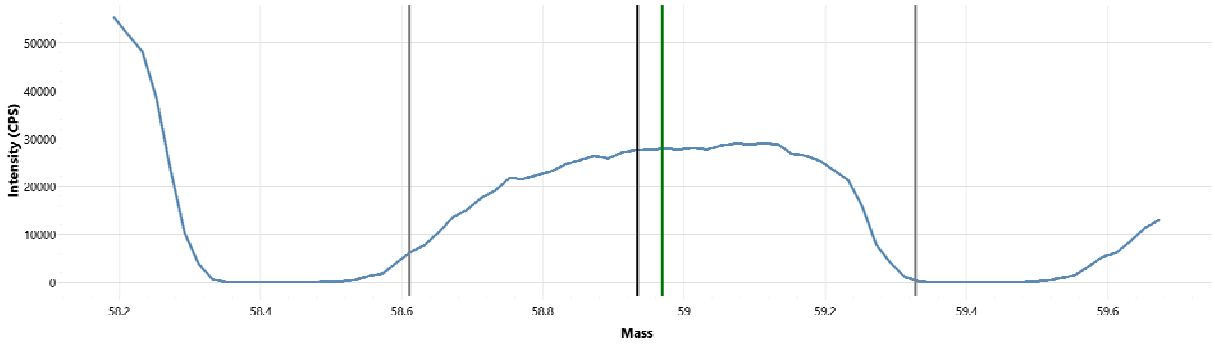
Parameter	Result	Value
Analyzer Pressure	Vacuum ok	5.912e-7
Interface Pressure		1.691e+0

Detector Voltages

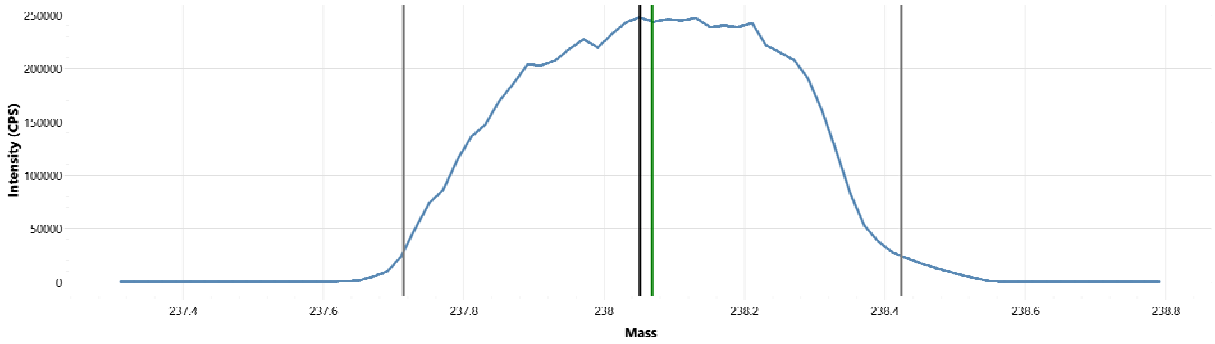
Analog	Counting
-1850.00	1350.00

Mass Calibration Peaks

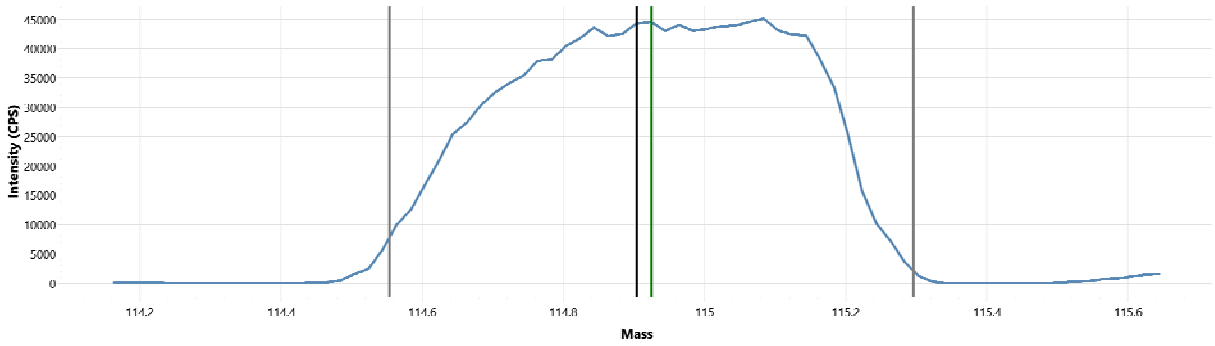
Analyte: 59Co



Analyte: 238U



Analyte: 115In



Calibration

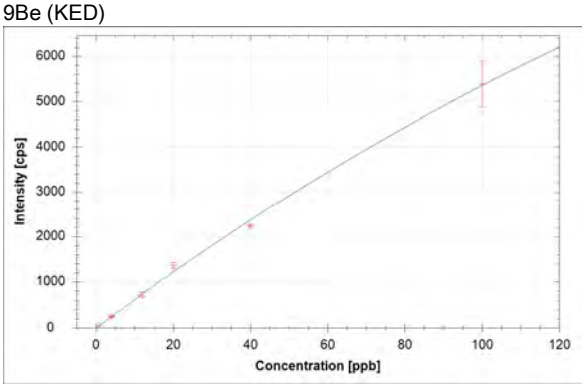
12/2/2022 8:00:21 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Calibration Curves:

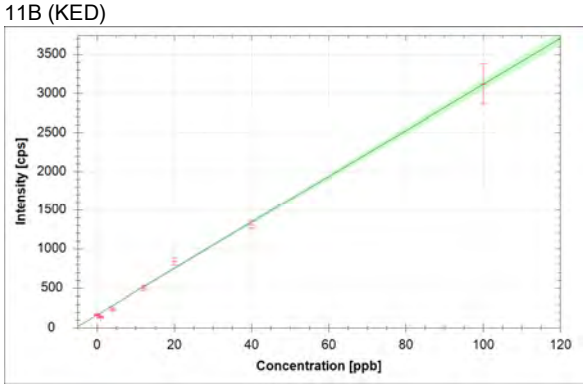
LabBook	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICP…	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICP…	Last change time	12/2/2022 8:00:15 AM

9Be (KED)



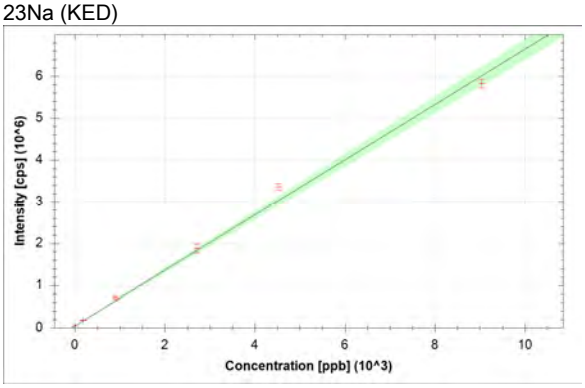
$f(x) = -0.0936*x^2 + 62.9078*x + 0.6518$
$R^2 = 0.9982$
BEC = 0.010 ppb
LoD = N/A

11B (KED)



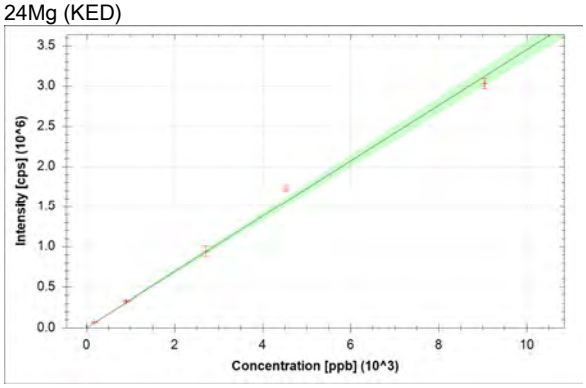
$f(x) = 29.5113*x + 164.1522$
$R^2 = 0.9980$
BEC = 5.562 ppb
LoD = 0.8002 ppb

23Na (KED)



$f(x) = 660.1193*x + 41764.2690$
$R^2 = 0.9942$
BEC = 63.268 ppb
LoD = 8.0550 ppb

24Mg (KED)



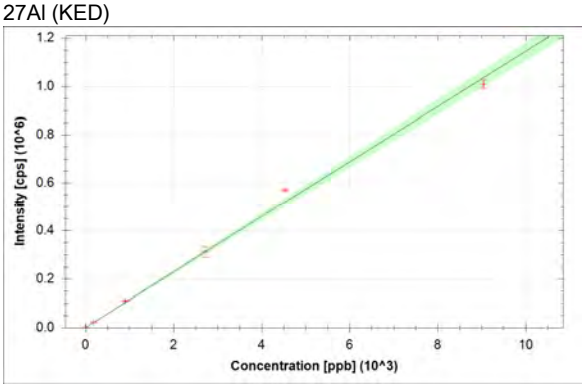
$f(x) = 344.9685*x + 236.6062$
$R^2 = 0.9947$
BEC = 0.686 ppb
LoD = 0.0424 ppb

Calibration

12/2/2022 8:00:21 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

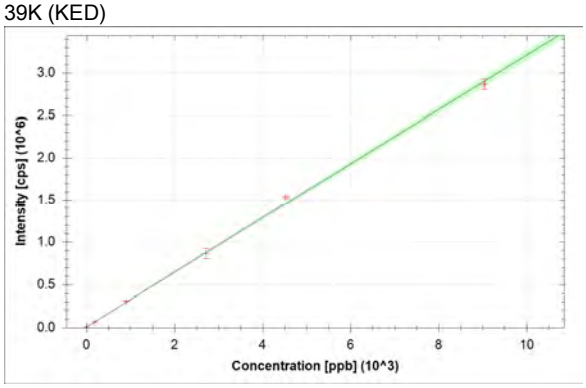
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27Al (KED)



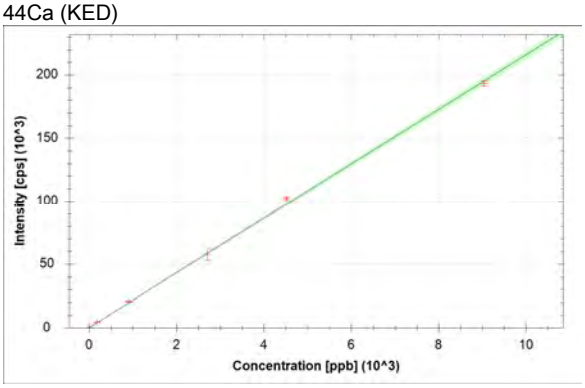
f(x) = 114.5718*x + 350.6923
R^2 = 0.9955
BEC = 3.061 ppb
LoD = 1.2178 ppb

39K (KED)



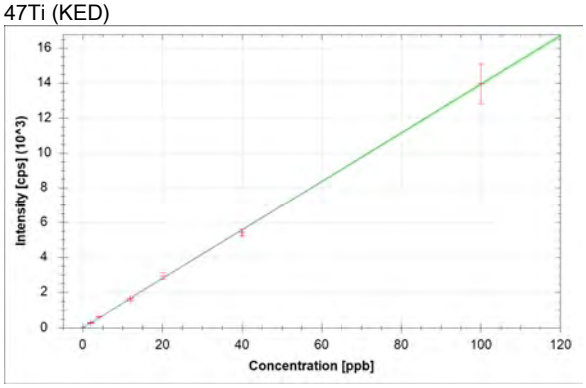
f(x) = 320.3347*x + 9066.8461
R^2 = 0.9988
BEC = 28.304 ppb
LoD = 3.9643 ppb

44Ca (KED)



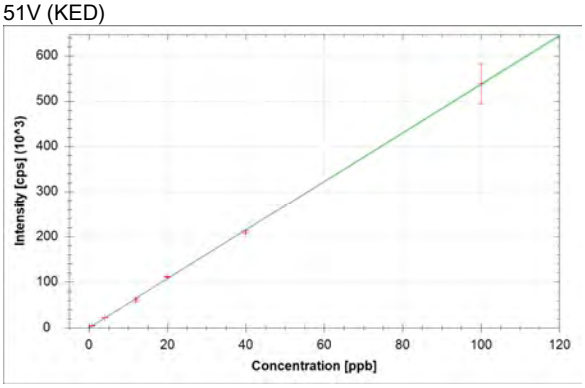
f(x) = 21.5754*x + 119.9505
R^2 = 0.9990
BEC = 5.560 ppb
LoD = 5.5467 ppb

47Ti (KED)



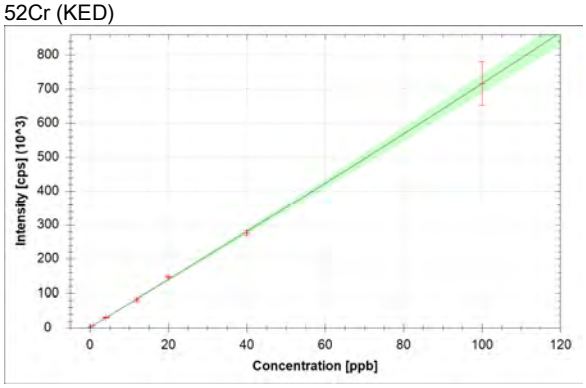
f(x) = 139.1861*x + 6.6389
R^2 = 0.9996
BEC = 0.048 ppb
LoD = 0.1890 ppb

51V (KED)



f(x) = 5371.0974*x + 42.2190
R^2 = 0.9998
BEC = 0.008 ppb
LoD = 0.0039 ppb

52Cr (KED)



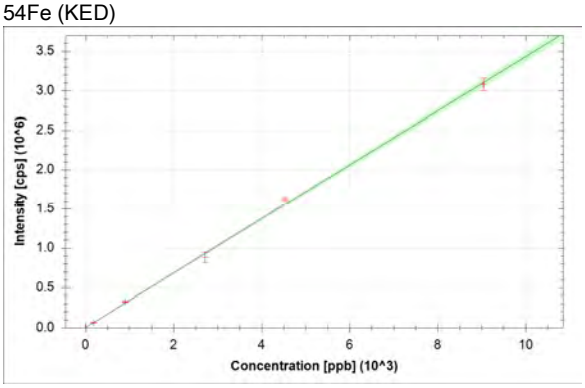
f(x) = $2.8812*x^2 + 6850.0066*x + 1898.6920$
R^2 = 0.9998
BEC = 2377.216 ppb
LoD = N/A

Calibration

12/2/2022 8:00:21 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

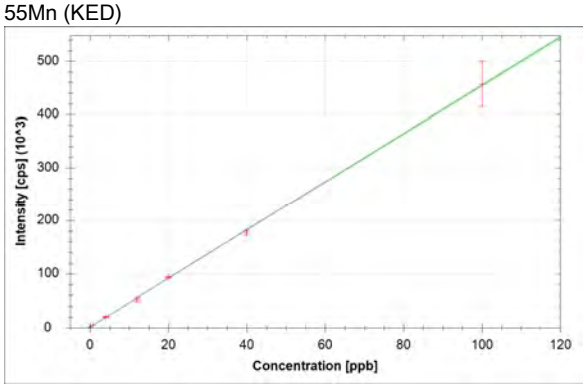
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54Fe (KED)



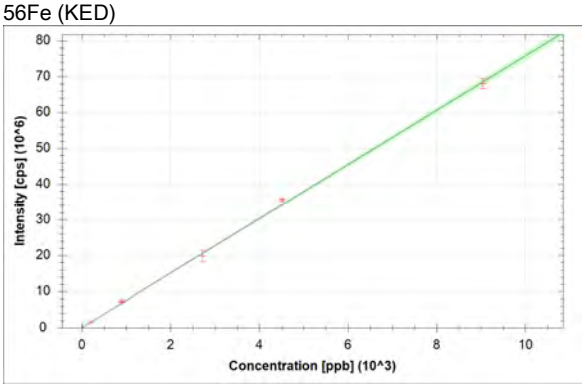
f(x) = 343.1884*x + 886.8619
R² = 0.9989
BEC = 2.584 ppb
LoD = 0.7876 ppb

55Mn (KED)



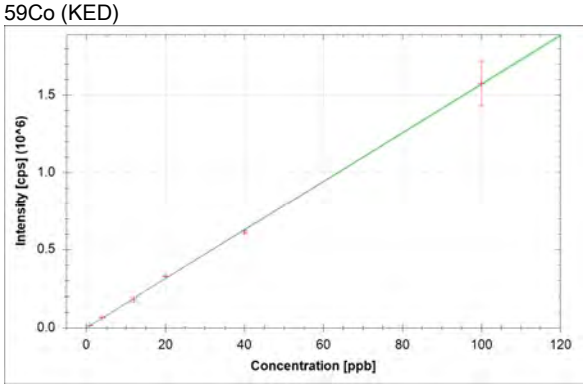
f(x) = 4532.0147*x + 1202.0704
R² = 0.9997
BEC = 0.265 ppb
LoD = 0.0311 ppb

56Fe (KED)



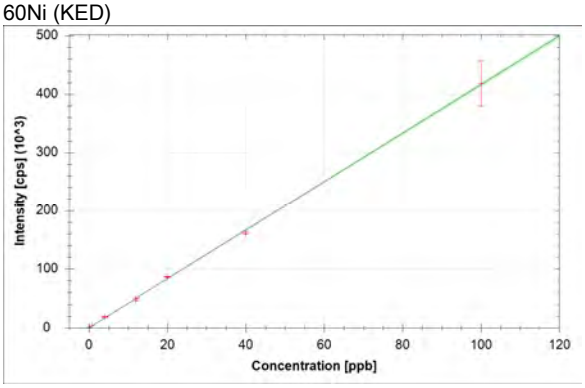
f(x) = 7576.6077*x + 18211.9682
R² = 0.9992
BEC = 2.404 ppb
LoD = 0.2318 ppb

59Co (KED)



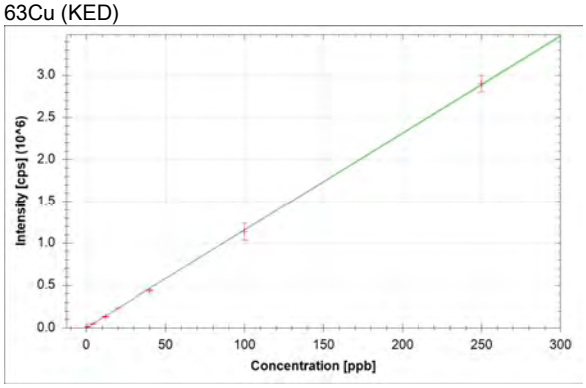
f(x) = 15704.1880*x + 96.7670
R² = 0.9997
BEC = 0.006 ppb
LoD = 0.0053 ppb

60Ni (KED)



f(x) = 4163.5798*x + 155.7731
R² = 0.9997
BEC = 0.037 ppb
LoD = 0.0117 ppb

63Cu (KED)

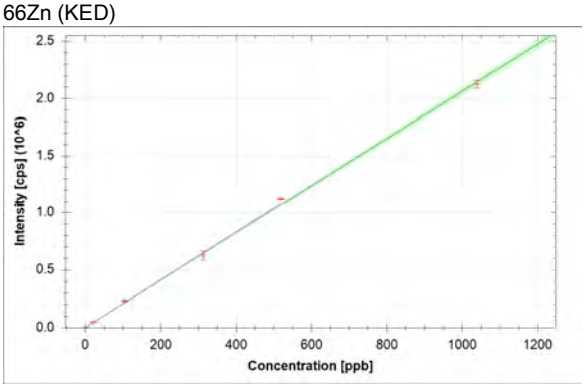


f(x) = 11552.1104*x + 720.2905
R² = 0.9998
BEC = 0.062 ppb
LoD = 0.0129 ppb

Calibration

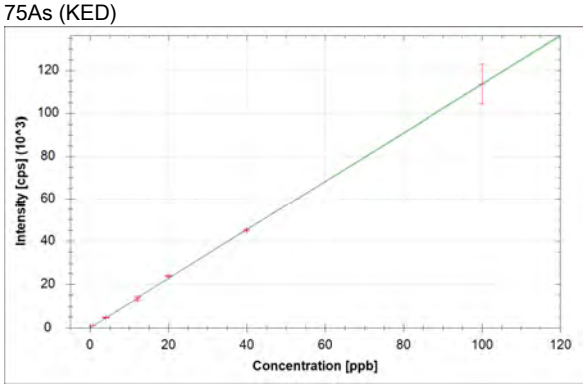
12/2/2022 8:00:21 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

66Zn (KED)



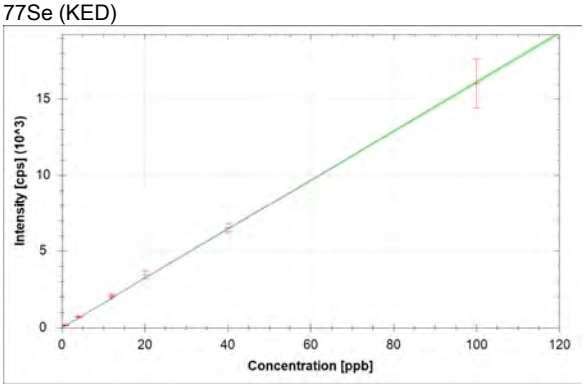
f(x) = 2060.9000*x + 1162.9074
R² = 0.9989
BEC = 0.564 ppb
LoD = 0.1598 ppb

75As (KED)



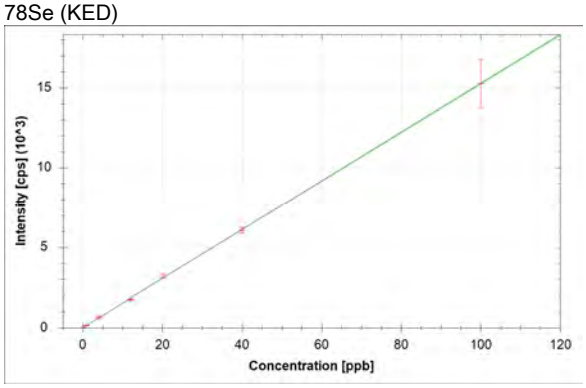
f(x) = 1135.8996*x + 21.2970
R² = 0.9999
BEC = 0.019 ppb
LoD = 0.0129 ppb

77Se (KED)



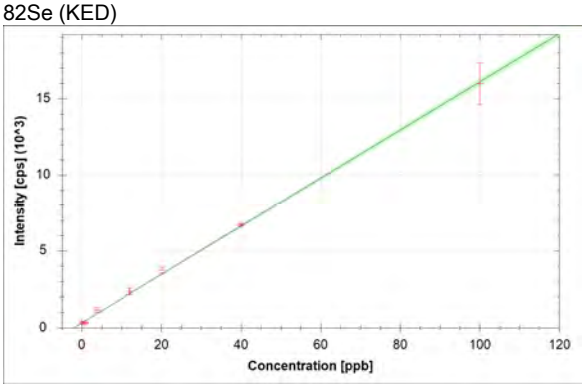
f(x) = 161.0179*x
R² = 0.9996
BEC = 0.000 ppb
LoD = 0.0000 ppb

78Se (KED)



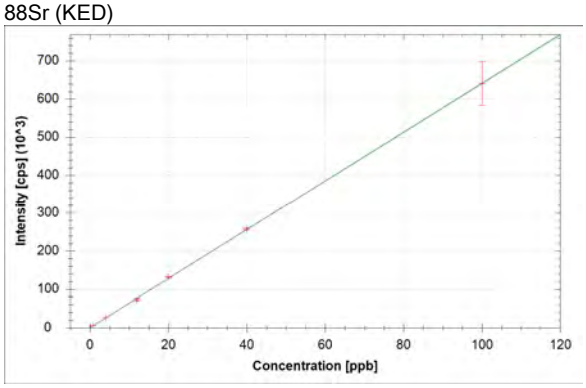
f(x) = 152.5687*x + 10.0711
R² = 0.9998
BEC = 0.066 ppb
LoD = 0.1766 ppb

82Se (KED)



f(x) = 157.7726*x + 316.8695
R² = 0.9991
BEC = 2.008 ppb
LoD = 1.9864 ppb

88Sr (KED)



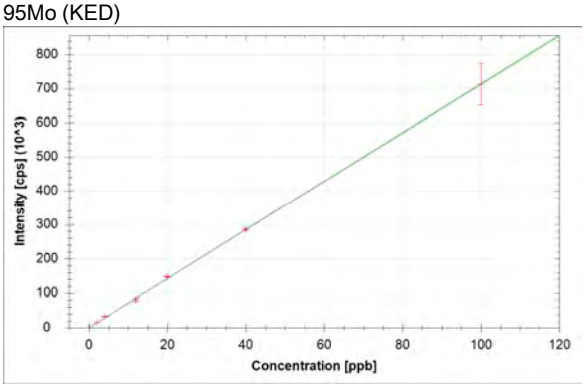
f(x) = 6409.6676*x + 156.4696
R² = 0.9999
BEC = 0.024 ppb
LoD = 0.0182 ppb

Calibration

12/2/2022 8:00:21 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

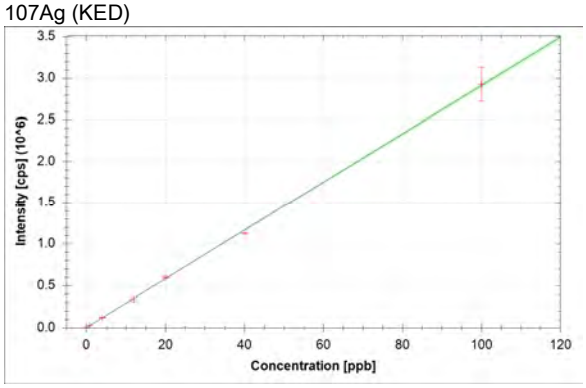
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95Mo (KED)



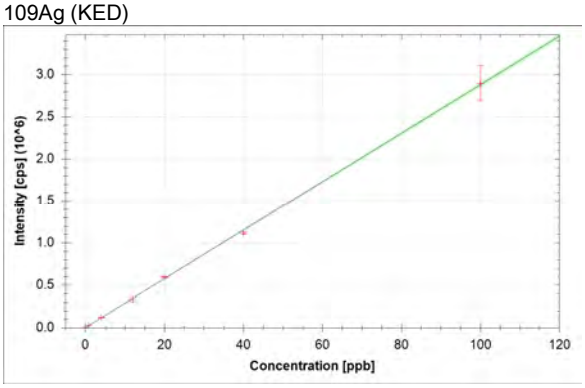
f(x) = 7134.0581*x + 73.0823
R² = 0.9998
BEC = 0.010 ppb
LoD = 0.0145 ppb

107Ag (KED)



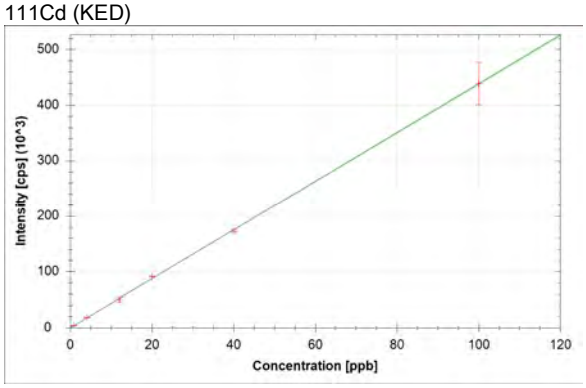
f(x) = 29101.1848*x + 1945.5992
R² = 0.9996
BEC = 0.067 ppb
LoD = 0.0129 ppb

109Ag (KED)



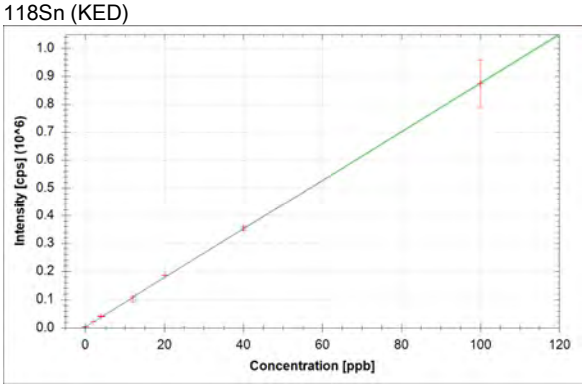
f(x) = 28783.1286*x + 1760.5924
R² = 0.9997
BEC = 0.061 ppb
LoD = 0.0088 ppb

111Cd (KED)



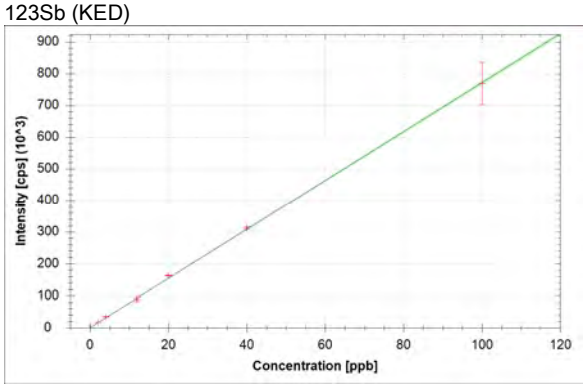
f(x) = 4383.5487*x
R² = 0.9998
BEC = 0.000 ppb
LoD = 0.0000 ppb

118Sn (KED)



f(x) = 8716.3510*x + 3619.6118
R² = 0.9998
BEC = 0.415 ppb
LoD = 0.2373 ppb

123Sb (KED)



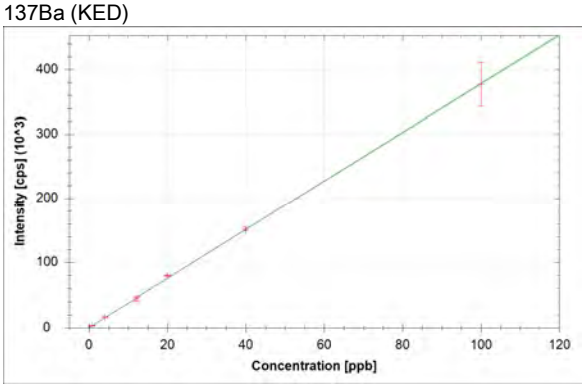
f(x) = 7715.2528*x + 92.7967
R² = 0.9997
BEC = 0.012 ppb
LoD = 0.0135 ppb

Calibration

12/2/2022 8:00:21 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

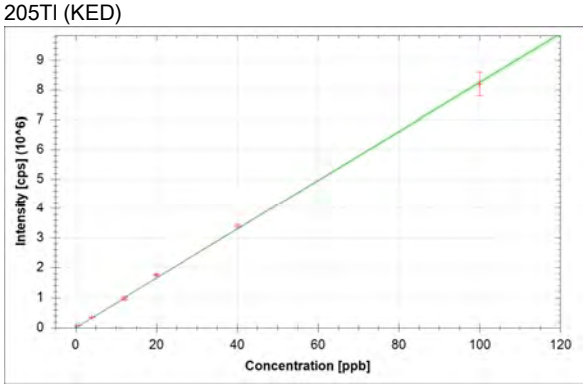
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137Ba (KED)



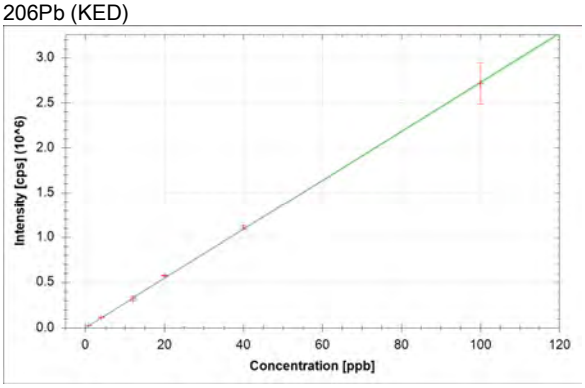
f(x) = 3781.2778*x + 86.2544
R² = 0.9998
BEC = 0.023 ppb
LoD = 0.0212 ppb

205Tl (KED)



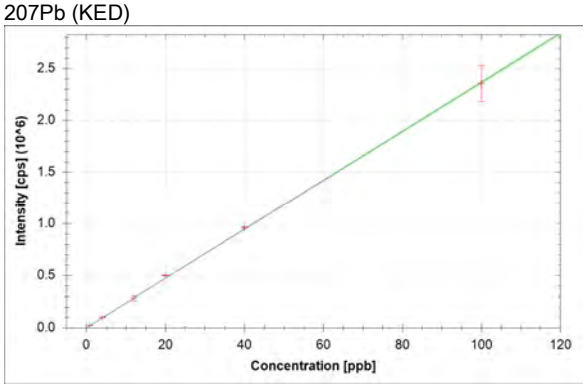
f(x) = 82488.2332*x + 145.2947
R² = 0.9996
BEC = 0.002 ppb
LoD = 0.0011 ppb

206Pb (KED)



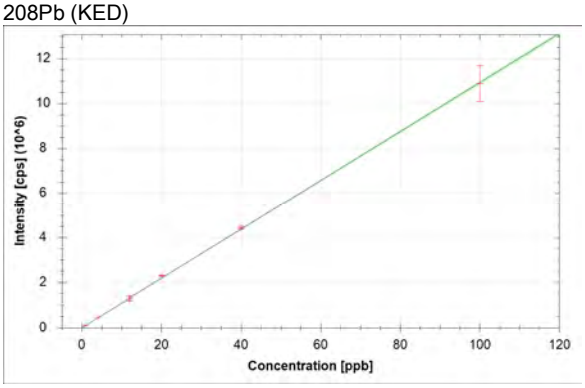
f(x) = 27257.0878*x + 156.6742
R² = 0.9998
BEC = 0.006 ppb
LoD = 0.0009 ppb

207Pb (KED)



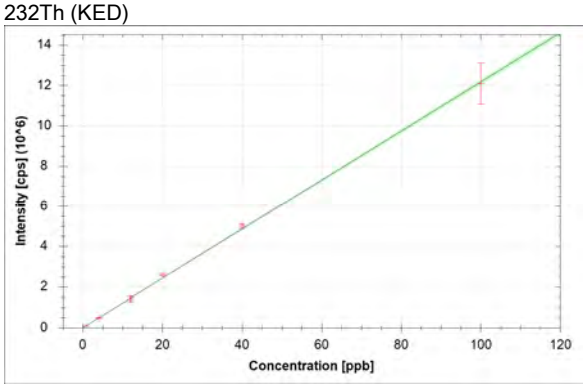
f(x) = 23661.3246*x + 109.0823
R² = 0.9997
BEC = 0.005 ppb
LoD = 0.0034 ppb

208Pb (KED)



f(x) = 109332.3541*x + 644.6067
R² = 0.9998
BEC = 0.006 ppb
LoD = 0.0008 ppb

232Th (KED)

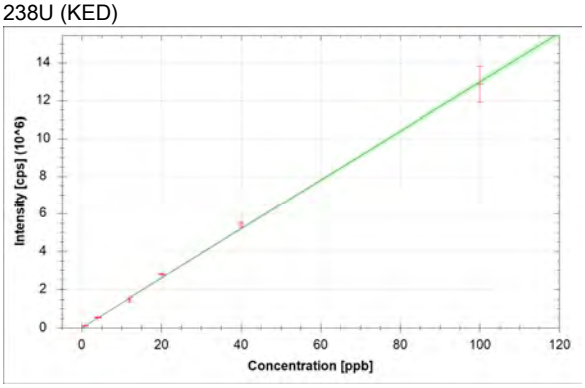


f(x) = 121696.1207*x + 1322.3565
R² = 0.9996
BEC = 0.011 ppb
LoD = 0.0025 ppb

Calibration

12/2/2022 8:00:21 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

238U (KED)



f(x) = 129807.5982*x + 46.6234
R^2 = 0.9992
BEC = 0.000 ppb
LoD = 0.0001 ppb

Calibration

12/2/2022 8:00:21 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Standards:

Analysis Index: 3
Analysis Name: ICAL1 J3MS-3016
AnalysisType: STD
Analysis Started at: 11/30/2022 8:34:29 AM
Standard (Stock): ICAL-1
Standard DF: 1

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	97.509 %	5.7 %	0.0 %
9Be (KED)	0.632 ppb	0.0 %	14.7 %
11B (KED)	-0.973 ppb	30.2 %	112.6 %
23Na (KED)	199.129 ppb	3.7 %	10.5 %
24Mg (KED)	198.547 ppb	1.0 %	9.3 %
27Al (KED)	191.590 ppb	4.2 %	7.7 %
39K (KED)	182.690 ppb	2.0 %	4.0 %
44Ca (KED)	197.052 ppb	3.4 %	6.9 %
45Sc (KED)	97.682 %	2.3 %	0.0 %
47Ti (KED)	2.029 ppb	6.9 %	6.4 %
51V (KED)	0.835 ppb	2.9 %	4.0 %
52Cr (KED)	0.676 ppb	0.0 %	9.9 %
54Fe (KED)	183.235 ppb	3.2 %	4.7 %
55Mn (KED)	0.823 ppb	4.0 %	4.0 %
56Fe (KED)	190.026 ppb	2.2 %	5.7 %
59Co (KED)	0.853 ppb	3.6 %	5.6 %
60Ni (KED)	0.898 ppb	5.2 %	8.0 %
63Cu (KED)	0.812 ppb	1.3 %	4.4 %
66Zn (KED)	22.393 ppb	2.3 %	6.9 %
75As (KED)	0.879 ppb	4.4 %	6.3 %
77Se (KED)	1.053 ppb	9.3 %	17.3 %
78Se (KED)	0.956 ppb	11.3 %	10.5 %
82Se (KED)	-0.033 ppb	980.6 %	55.1 %
88Sr (KED)	0.855 ppb	4.3 %	4.9 %
89Y (KED)	98.601 %	0.6 %	0.0 %
95Mo (KED)	2.172 ppb	2.6 %	9.3 %
107Ag (KED)	0.797 ppb	1.5 %	3.2 %
109Ag (KED)	0.796 ppb	0.7 %	3.4 %
111Cd (KED)	0.831 ppb	1.8 %	4.3 %
115In (KED)	100.339 %	0.8 %	0.0 %
118Sn (KED)	2.073 ppb	2.0 %	5.6 %
123Sb (KED)	2.120 ppb	0.7 %	7.1 %
137Ba (KED)	0.835 ppb	5.5 %	4.7 %
159Tb (KED)	99.846 %	0.7 %	0.0 %
205Tl (KED)	0.854 ppb	1.4 %	6.2 %
206Pb (KED)	0.850 ppb	1.8 %	5.2 %
207Pb (KED)	0.853 ppb	3.1 %	5.4 %
208Pb (KED)	0.850 ppb	1.6 %	5.1 %
209Bi (KED)	106.973 %	0.6 %	0.0 %
232Th (KED)	0.633 ppb	2.1 %	11.1 %
238U (KED)	0.834 ppb	2.5 %	5.8 %

Calibration

12/2/2022 8:00:21 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Category	Standard Concentration
6Li (KED)	
9Be (KED)	0.800 ppb
11B (KED)	0.800 ppb
23Na (KED)	180.800 ppb
24Mg (KED)	180.800 ppb
27Al (KED)	180.800 ppb
39K (KED)	180.800 ppb
44Ca (KED)	180.800 ppb
45Sc (KED)	
47Ti (KED)	2.000 ppb
51V (KED)	0.800 ppb
52Cr (KED)	0.800 ppb
54Fe (KED)	180.800 ppb
55Mn (KED)	0.800 ppb
56Fe (KED)	180.800 ppb
59Co (KED)	0.800 ppb
60Ni (KED)	0.800 ppb
63Cu (KED)	0.800 ppb
66Zn (KED)	20.800 ppb
75As (KED)	0.800 ppb
77Se (KED)	0.800 ppb
78Se (KED)	0.800 ppb
82Se (KED)	0.800 ppb
88Sr (KED)	0.800 ppb
89Y (KED)	
95Mo (KED)	2.000 ppb
107Ag (KED)	0.800 ppb
109Ag (KED)	0.800 ppb
111Cd (KED)	0.800 ppb
115In (KED)	
118Sn (KED)	2.000 ppb
123Sb (KED)	2.000 ppb
137Ba (KED)	0.800 ppb
159Tb (KED)	
205Tl (KED)	0.800 ppb
206Pb (KED)	0.800 ppb
207Pb (KED)	0.800 ppb
208Pb (KED)	0.800 ppb
209Bi (KED)	
232Th (KED)	0.800 ppb
238U (KED)	0.800 ppb

Calibration

12/2/2022 8:00:21 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Standards:

Analysis Index: 4
Analysis Name: ICAL2 J3MS-3017
AnalysisType: STD
Analysis Started at: 11/30/2022 8:40:14 AM
Standard (Stock): ICAL-2
Standard DF: 1

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	100.192 %	8.7 %	0.0 %
9Be (KED)	3.846 ppb	0.1 %	14.7 %
11B (KED)	2.497 ppb	24.1 %	112.6 %
23Na (KED)	989.356 ppb	4.8 %	10.5 %
24Mg (KED)	960.229 ppb	3.4 %	9.3 %
27Al (KED)	957.675 ppb	3.0 %	7.7 %
39K (KED)	937.562 ppb	0.9 %	4.0 %
44Ca (KED)	957.357 ppb	2.8 %	6.9 %
45Sc (KED)	95.036 %	1.4 %	0.0 %
47Ti (KED)	4.444 ppb	2.5 %	6.4 %
51V (KED)	4.126 ppb	2.1 %	4.0 %
52Cr (KED)	4.150 ppb	0.0 %	9.9 %
54Fe (KED)	942.334 ppb	2.1 %	4.7 %
55Mn (KED)	4.153 ppb	3.1 %	4.0 %
56Fe (KED)	964.695 ppb	3.6 %	5.7 %
59Co (KED)	4.275 ppb	2.6 %	5.6 %
60Ni (KED)	4.358 ppb	4.0 %	8.0 %
63Cu (KED)	4.122 ppb	4.7 %	4.4 %
66Zn (KED)	111.497 ppb	3.3 %	6.9 %
75As (KED)	4.225 ppb	3.4 %	6.3 %
77Se (KED)	4.412 ppb	5.0 %	17.3 %
78Se (KED)	4.165 ppb	12.9 %	10.5 %
82Se (KED)	5.370 ppb	17.7 %	55.1 %
88Sr (KED)	4.158 ppb	0.4 %	4.9 %
89Y (KED)	96.593 %	1.4 %	0.0 %
95Mo (KED)	4.617 ppb	3.4 %	9.3 %
107Ag (KED)	4.088 ppb	3.0 %	3.2 %
109Ag (KED)	4.117 ppb	2.3 %	3.4 %
111Cd (KED)	4.194 ppb	1.5 %	4.3 %
115In (KED)	97.552 %	0.5 %	0.0 %
118Sn (KED)	4.317 ppb	3.6 %	5.6 %
123Sb (KED)	4.433 ppb	2.4 %	7.1 %
137Ba (KED)	4.253 ppb	2.0 %	4.7 %
159Tb (KED)	99.134 %	0.4 %	0.0 %
205Tl (KED)	4.319 ppb	1.4 %	6.2 %
206Pb (KED)	4.247 ppb	1.8 %	5.2 %
207Pb (KED)	4.260 ppb	2.3 %	5.4 %
208Pb (KED)	4.226 ppb	1.3 %	5.1 %
209Bi (KED)	105.593 %	1.2 %	0.0 %
232Th (KED)	3.942 ppb	1.5 %	11.1 %
238U (KED)	4.180 ppb	3.6 %	5.8 %

Calibration

12/2/2022 8:00:21 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Category	Standard Concentration
6Li (KED)	
9Be (KED)	4.000 ppb
11B (KED)	4.000 ppb
23Na (KED)	904.000 ppb
24Mg (KED)	904.000 ppb
27Al (KED)	904.000 ppb
39K (KED)	904.000 ppb
44Ca (KED)	904.000 ppb
45Sc (KED)	
47Ti (KED)	4.000 ppb
51V (KED)	4.000 ppb
52Cr (KED)	4.000 ppb
54Fe (KED)	904.000 ppb
55Mn (KED)	4.000 ppb
56Fe (KED)	904.000 ppb
59Co (KED)	4.000 ppb
60Ni (KED)	4.000 ppb
63Cu (KED)	4.000 ppb
66Zn (KED)	104.000 ppb
75As (KED)	4.000 ppb
77Se (KED)	4.000 ppb
78Se (KED)	4.000 ppb
82Se (KED)	4.000 ppb
88Sr (KED)	4.000 ppb
89Y (KED)	
95Mo (KED)	4.000 ppb
107Ag (KED)	4.000 ppb
109Ag (KED)	4.000 ppb
111Cd (KED)	4.000 ppb
115In (KED)	
118Sn (KED)	4.000 ppb
123Sb (KED)	4.000 ppb
137Ba (KED)	4.000 ppb
159Tb (KED)	
205Tl (KED)	4.000 ppb
206Pb (KED)	4.000 ppb
207Pb (KED)	4.000 ppb
208Pb (KED)	4.000 ppb
209Bi (KED)	
232Th (KED)	4.000 ppb
238U (KED)	4.000 ppb

Calibration

12/2/2022 8:00:21 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Standards:

Analysis Index: 5
Analysis Name: ICAL3 J3MS-3018
AnalysisType: STD
Analysis Started at: 11/30/2022 8:45:59 AM
Standard (Stock): ICAL-3
Standard DF: 1

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	94.444 %	6.2 %	0.0 %
9Be (KED)	11.711 ppb	0.1 %	14.7 %
11B (KED)	11.492 ppb	8.9 %	112.6 %
23Na (KED)	2,779.673 ppb	5.9 %	10.5 %
24Mg (KED)	2,727.924 ppb	7.1 %	9.3 %
27Al (KED)	2,718.774 ppb	7.1 %	7.7 %
39K (KED)	2,674.604 ppb	7.1 %	4.0 %
44Ca (KED)	2,655.687 ppb	8.1 %	6.9 %
45Sc (KED)	97.622 %	4.4 %	0.0 %
47Ti (KED)	11.646 ppb	6.4 %	6.4 %
51V (KED)	11.446 ppb	7.2 %	4.0 %
52Cr (KED)	11.575 ppb	0.1 %	9.9 %
54Fe (KED)	2,569.090 ppb	7.1 %	4.7 %
55Mn (KED)	11.332 ppb	7.3 %	4.0 %
56Fe (KED)	2,611.567 ppb	8.1 %	5.7 %
59Co (KED)	11.586 ppb	6.6 %	5.6 %
60Ni (KED)	11.668 ppb	5.9 %	8.0 %
63Cu (KED)	11.180 ppb	6.1 %	4.4 %
66Zn (KED)	302.332 ppb	6.8 %	6.9 %
75As (KED)	11.594 ppb	6.8 %	6.3 %
77Se (KED)	12.796 ppb	4.2 %	17.3 %
78Se (KED)	11.407 ppb	3.0 %	10.5 %
82Se (KED)	12.945 ppb	10.8 %	55.1 %
88Sr (KED)	11.373 ppb	5.2 %	4.9 %
89Y (KED)	99.449 %	3.2 %	0.0 %
95Mo (KED)	11.408 ppb	6.5 %	9.3 %
107Ag (KED)	11.523 ppb	6.6 %	3.2 %
109Ag (KED)	11.480 ppb	7.0 %	3.4 %
111Cd (KED)	11.459 ppb	7.8 %	4.3 %
115In (KED)	100.590 %	4.2 %	0.0 %
118Sn (KED)	11.350 ppb	8.6 %	5.6 %
123Sb (KED)	11.509 ppb	7.1 %	7.1 %
137Ba (KED)	11.749 ppb	7.5 %	4.7 %
159Tb (KED)	100.938 %	3.5 %	0.0 %
205Tl (KED)	11.813 ppb	4.5 %	6.2 %
206Pb (KED)	11.674 ppb	7.1 %	5.2 %
207Pb (KED)	11.875 ppb	7.4 %	5.4 %
208Pb (KED)	11.752 ppb	8.1 %	5.1 %
209Bi (KED)	109.753 %	3.2 %	0.0 %
232Th (KED)	11.651 ppb	9.1 %	11.1 %
238U (KED)	11.361 ppb	7.5 %	5.8 %



Category	Standard Concentration
6Li (KED)	
9Be (KED)	12.000 ppb
11B (KED)	12.000 ppb
23Na (KED)	2,712.000 ppb
24Mg (KED)	2,712.000 ppb
27Al (KED)	2,712.000 ppb
39K (KED)	2,712.000 ppb
44Ca (KED)	2,712.000 ppb
45Sc (KED)	
47Ti (KED)	12.000 ppb
51V (KED)	12.000 ppb
52Cr (KED)	12.000 ppb
54Fe (KED)	2,712.000 ppb
55Mn (KED)	12.000 ppb
56Fe (KED)	2,712.000 ppb
59Co (KED)	12.000 ppb
60Ni (KED)	12.000 ppb
63Cu (KED)	12.000 ppb
66Zn (KED)	312.000 ppb
75As (KED)	12.000 ppb
77Se (KED)	12.000 ppb
78Se (KED)	12.000 ppb
82Se (KED)	12.000 ppb
88Sr (KED)	12.000 ppb
89Y (KED)	
95Mo (KED)	12.000 ppb
107Ag (KED)	12.000 ppb
109Ag (KED)	12.000 ppb
111Cd (KED)	12.000 ppb
115In (KED)	
118Sn (KED)	12.000 ppb
123Sb (KED)	12.000 ppb
137Ba (KED)	12.000 ppb
159Tb (KED)	
205Tl (KED)	12.000 ppb
206Pb (KED)	12.000 ppb
207Pb (KED)	12.000 ppb
208Pb (KED)	12.000 ppb
209Bi (KED)	
232Th (KED)	12.000 ppb
238U (KED)	12.000 ppb

Calibration

12/2/2022 8:00:21 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Standards:

Analysis Index: 6
Analysis Name: ICAL4 J3MS-3019
AnalysisType: STD
Analysis Started at: 11/30/2022 8:51:44 AM
Standard (Stock): ICAL-4
Standard DF: 1

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	84.673 %	2.2 %	0.0 %
9Be (KED)	22.468 ppb	0.0 %	14.7 %
11B (KED)	22.834 ppb	6.5 %	112.6 %
23Na (KED)	5,020.153 ppb	2.4 %	10.5 %
24Mg (KED)	5,011.219 ppb	1.8 %	9.3 %
27Al (KED)	4,974.468 ppb	0.7 %	7.7 %
39K (KED)	4,762.301 ppb	1.1 %	4.0 %
44Ca (KED)	4,730.146 ppb	1.2 %	6.9 %
45Sc (KED)	90.372 %	0.7 %	0.0 %
47Ti (KED)	20.950 ppb	6.6 %	6.4 %
51V (KED)	20.590 ppb	0.6 %	4.0 %
52Cr (KED)	20.997 ppb	0.0 %	9.9 %
54Fe (KED)	4,719.995 ppb	1.1 %	4.7 %
55Mn (KED)	20.355 ppb	1.0 %	4.0 %
56Fe (KED)	4,687.709 ppb	1.1 %	5.7 %
59Co (KED)	20.850 ppb	0.7 %	5.6 %
60Ni (KED)	20.590 ppb	0.9 %	8.0 %
63Cu (KED)	20.049 ppb	0.5 %	4.4 %
66Zn (KED)	544.285 ppb	0.4 %	6.9 %
75As (KED)	20.875 ppb	1.5 %	6.3 %
77Se (KED)	21.290 ppb	6.8 %	17.3 %
78Se (KED)	20.931 ppb	4.0 %	10.5 %
82Se (KED)	21.701 ppb	6.1 %	55.1 %
88Sr (KED)	20.496 ppb	0.4 %	4.9 %
89Y (KED)	92.563 %	1.3 %	0.0 %
95Mo (KED)	20.619 ppb	0.8 %	9.3 %
107Ag (KED)	20.533 ppb	2.0 %	3.2 %
109Ag (KED)	20.542 ppb	1.2 %	3.4 %
111Cd (KED)	20.754 ppb	0.3 %	4.3 %
115In (KED)	93.631 %	0.4 %	0.0 %
118Sn (KED)	20.923 ppb	0.3 %	5.6 %
123Sb (KED)	21.116 ppb	0.6 %	7.1 %
137Ba (KED)	20.997 ppb	1.0 %	4.7 %
159Tb (KED)	95.886 %	1.2 %	0.0 %
205Tl (KED)	21.166 ppb	2.0 %	6.2 %
206Pb (KED)	20.896 ppb	0.8 %	5.2 %
207Pb (KED)	21.056 ppb	0.9 %	5.4 %
208Pb (KED)	20.989 ppb	0.9 %	5.1 %
209Bi (KED)	103.903 %	0.6 %	0.0 %
232Th (KED)	21.251 ppb	2.8 %	11.1 %
238U (KED)	21.407 ppb	1.2 %	5.8 %

Calibration

12/2/2022 8:00:21 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Category	Standard Concentration
6Li (KED)	
9Be (KED)	20.000 ppb
11B (KED)	20.000 ppb
23Na (KED)	4,520.000 ppb
24Mg (KED)	4,520.000 ppb
27Al (KED)	4,520.000 ppb
39K (KED)	4,520.000 ppb
44Ca (KED)	4,520.000 ppb
45Sc (KED)	
47Ti (KED)	20.000 ppb
51V (KED)	20.000 ppb
52Cr (KED)	20.000 ppb
54Fe (KED)	4,520.000 ppb
55Mn (KED)	20.000 ppb
56Fe (KED)	4,520.000 ppb
59Co (KED)	20.000 ppb
60Ni (KED)	20.000 ppb
63Cu (KED)	20.000 ppb
66Zn (KED)	520.000 ppb
75As (KED)	20.000 ppb
77Se (KED)	20.000 ppb
78Se (KED)	20.000 ppb
82Se (KED)	20.000 ppb
88Sr (KED)	20.000 ppb
89Y (KED)	
95Mo (KED)	20.000 ppb
107Ag (KED)	20.000 ppb
109Ag (KED)	20.000 ppb
111Cd (KED)	20.000 ppb
115In (KED)	
118Sn (KED)	20.000 ppb
123Sb (KED)	20.000 ppb
137Ba (KED)	20.000 ppb
159Tb (KED)	
205Tl (KED)	20.000 ppb
206Pb (KED)	20.000 ppb
207Pb (KED)	20.000 ppb
208Pb (KED)	20.000 ppb
209Bi (KED)	
232Th (KED)	20.000 ppb
238U (KED)	20.000 ppb

Calibration

12/2/2022 8:00:21 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Standards:

Analysis Index: 7
Analysis Name: ICAL5 J3MS-3020
AnalysisType: STD
Analysis Started at: 11/30/2022 8:57:31 AM
Standard (Stock): ICAL-5
Standard DF: 1

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	96.935 %	3.4 %	0.0 %
9Be (KED)	37.567 ppb	0.0 %	14.7 %
11B (KED)	38.727 ppb	4.3 %	112.6 %
23Na (KED)	8,760.720 ppb	1.7 %	10.5 %
24Mg (KED)	8,783.635 ppb	2.0 %	9.3 %
27Al (KED)	8,805.150 ppb	1.8 %	7.7 %
39K (KED)	8,926.674 ppb	2.0 %	4.0 %
44Ca (KED)	8,946.160 ppb	1.0 %	6.9 %
45Sc (KED)	89.461 %	1.0 %	0.0 %
47Ti (KED)	38.812 ppb	3.8 %	6.4 %
51V (KED)	39.071 ppb	1.8 %	4.0 %
52Cr (KED)	39.509 ppb	0.0 %	9.9 %
54Fe (KED)	8,978.993 ppb	2.5 %	4.7 %
55Mn (KED)	38.862 ppb	2.5 %	4.0 %
56Fe (KED)	8,980.021 ppb	2.1 %	5.7 %
59Co (KED)	39.048 ppb	1.6 %	5.6 %
60Ni (KED)	38.717 ppb	1.6 %	8.0 %
63Cu (KED)	37.562 ppb	1.8 %	4.4 %
66Zn (KED)	1,029.976 ppb	1.6 %	6.9 %
75As (KED)	39.712 ppb	1.3 %	6.3 %
77Se (KED)	40.463 ppb	4.5 %	17.3 %
78Se (KED)	39.737 ppb	3.2 %	10.5 %
82Se (KED)	40.479 ppb	1.2 %	55.1 %
88Sr (KED)	40.131 ppb	1.2 %	4.9 %
89Y (KED)	89.879 %	0.7 %	0.0 %
95Mo (KED)	40.009 ppb	1.3 %	9.3 %
107Ag (KED)	38.543 ppb	0.3 %	3.2 %
109Ag (KED)	38.657 ppb	1.5 %	3.4 %
111Cd (KED)	39.487 ppb	1.5 %	4.3 %
115In (KED)	92.768 %	1.8 %	0.0 %
118Sn (KED)	40.146 ppb	2.1 %	5.6 %
123Sb (KED)	40.457 ppb	1.3 %	7.1 %
137Ba (KED)	40.173 ppb	1.6 %	4.7 %
159Tb (KED)	96.543 %	0.4 %	0.0 %
205Tl (KED)	41.174 ppb	1.6 %	6.2 %
206Pb (KED)	40.691 ppb	2.0 %	5.2 %
207Pb (KED)	40.698 ppb	0.8 %	5.4 %
208Pb (KED)	40.579 ppb	1.5 %	5.1 %
209Bi (KED)	102.596 %	0.8 %	0.0 %
232Th (KED)	41.127 ppb	2.1 %	11.1 %
238U (KED)	41.683 ppb	2.5 %	5.8 %



Category	Standard Concentration
6Li (KED)	
9Be (KED)	40.000 ppb
11B (KED)	40.000 ppb
23Na (KED)	9,040.000 ppb
24Mg (KED)	9,040.000 ppb
27Al (KED)	9,040.000 ppb
39K (KED)	9,040.000 ppb
44Ca (KED)	9,040.000 ppb
45Sc (KED)	
47Ti (KED)	40.000 ppb
51V (KED)	40.000 ppb
52Cr (KED)	40.000 ppb
54Fe (KED)	9,040.000 ppb
55Mn (KED)	40.000 ppb
56Fe (KED)	9,040.000 ppb
59Co (KED)	40.000 ppb
60Ni (KED)	40.000 ppb
63Cu (KED)	40.000 ppb
66Zn (KED)	1,040.000 ppb
75As (KED)	40.000 ppb
77Se (KED)	40.000 ppb
78Se (KED)	40.000 ppb
82Se (KED)	40.000 ppb
88Sr (KED)	40.000 ppb
89Y (KED)	
95Mo (KED)	40.000 ppb
107Ag (KED)	40.000 ppb
109Ag (KED)	40.000 ppb
111Cd (KED)	40.000 ppb
115In (KED)	
118Sn (KED)	40.000 ppb
123Sb (KED)	40.000 ppb
137Ba (KED)	40.000 ppb
159Tb (KED)	
205Tl (KED)	40.000 ppb
206Pb (KED)	40.000 ppb
207Pb (KED)	40.000 ppb
208Pb (KED)	40.000 ppb
209Bi (KED)	
232Th (KED)	40.000 ppb
238U (KED)	40.000 ppb

Calibration

12/2/2022 8:00:21 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Standards:

Analysis Index: 8
Analysis Name: ICAL6 J3MS-3021
AnalysisType: STD
Analysis Started at: 11/30/2022 9:03:16 AM
Standard (Stock): ICAL-6
Standard DF: 1

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	96.360 %	7.1 %	0.0 %
9Be (KED)	100.626 ppb	0.1 %	14.7 %
11B (KED)	100.078 ppb	8.8 %	112.6 %
23Na (KED)	N/A	N/A	10.5 %
24Mg (KED)	N/A	N/A	9.3 %
27Al (KED)	N/A	N/A	7.7 %
39K (KED)	N/A	N/A	4.0 %
44Ca (KED)	N/A	N/A	6.9 %
45Sc (KED)	86.543 %	6.5 %	0.0 %
47Ti (KED)	100.309 ppb	8.3 %	6.4 %
51V (KED)	100.315 ppb	8.3 %	4.0 %
52Cr (KED)	100.043 ppb	0.1 %	9.9 %
54Fe (KED)	N/A	N/A	4.7 %
55Mn (KED)	100.458 ppb	9.3 %	4.0 %
56Fe (KED)	N/A	N/A	5.7 %
59Co (KED)	100.249 ppb	9.3 %	5.6 %
60Ni (KED)	100.420 ppb	9.3 %	8.0 %
63Cu (KED)	98.163 ppb	9.0 %	4.4 %
66Zn (KED)	N/A	N/A	6.9 %
75As (KED)	99.979 ppb	8.2 %	6.3 %
77Se (KED)	99.443 ppb	10.1 %	17.3 %
78Se (KED)	99.982 ppb	9.9 %	10.5 %
82Se (KED)	99.306 ppb	8.7 %	55.1 %
88Sr (KED)	99.917 ppb	8.9 %	4.9 %
89Y (KED)	89.804 %	6.2 %	0.0 %
95Mo (KED)	99.916 ppb	8.6 %	9.3 %
107Ag (KED)	100.530 ppb	7.0 %	3.2 %
109Ag (KED)	100.487 ppb	7.2 %	3.4 %
111Cd (KED)	100.111 ppb	8.8 %	4.3 %
115In (KED)	93.054 %	6.3 %	0.0 %
118Sn (KED)	99.821 ppb	9.8 %	5.6 %
123Sb (KED)	99.633 ppb	8.6 %	7.1 %
137Ba (KED)	99.751 ppb	9.0 %	4.7 %
159Tb (KED)	97.779 %	5.5 %	0.0 %
205Tl (KED)	99.306 ppb	4.8 %	6.2 %
206Pb (KED)	99.573 ppb	8.5 %	5.2 %
207Pb (KED)	99.514 ppb	7.3 %	5.4 %
208Pb (KED)	99.591 ppb	7.3 %	5.1 %
209Bi (KED)	107.668 %	5.1 %	0.0 %
232Th (KED)	99.344 ppb	8.4 %	11.1 %
238U (KED)	99.114 ppb	7.5 %	5.8 %

Calibration

12/2/2022 8:00:21 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Category	Standard Concentration
6Li (KED)	
9Be (KED)	100.000 ppb
11B (KED)	100.000 ppb
23Na (KED)	N/A
24Mg (KED)	N/A
27Al (KED)	N/A
39K (KED)	N/A
44Ca (KED)	N/A
45Sc (KED)	
47Ti (KED)	100.000 ppb
51V (KED)	100.000 ppb
52Cr (KED)	100.000 ppb
54Fe (KED)	N/A
55Mn (KED)	100.000 ppb
56Fe (KED)	N/A
59Co (KED)	100.000 ppb
60Ni (KED)	100.000 ppb
63Cu (KED)	100.000 ppb
66Zn (KED)	N/A
75As (KED)	100.000 ppb
77Se (KED)	100.000 ppb
78Se (KED)	100.000 ppb
82Se (KED)	100.000 ppb
88Sr (KED)	100.000 ppb
89Y (KED)	
95Mo (KED)	100.000 ppb
107Ag (KED)	100.000 ppb
109Ag (KED)	100.000 ppb
111Cd (KED)	100.000 ppb
115In (KED)	
118Sn (KED)	100.000 ppb
123Sb (KED)	100.000 ppb
137Ba (KED)	100.000 ppb
159Tb (KED)	
205Tl (KED)	100.000 ppb
206Pb (KED)	100.000 ppb
207Pb (KED)	100.000 ppb
208Pb (KED)	100.000 ppb
209Bi (KED)	
232Th (KED)	100.000 ppb
238U (KED)	100.000 ppb

Calibration

12/2/2022 8:00:21 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Standards:

Analysis Index: 9
Analysis Name: ICAL7 J3MS-3022
AnalysisType: STD
Analysis Started at: 11/30/2022 9:09:02 AM
Standard (Stock): ICAL-7
Standard DF: 1

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	87.547 %	3.7 %	0.0 %
9Be (KED)	N/A	N/A	14.7 %
11B (KED)	N/A	N/A	112.6 %
23Na (KED)	N/A	N/A	10.5 %
24Mg (KED)	N/A	N/A	9.3 %
27Al (KED)	N/A	N/A	7.7 %
39K (KED)	N/A	N/A	4.0 %
44Ca (KED)	N/A	N/A	6.9 %
45Sc (KED)	87.787 %	2.6 %	0.0 %
47Ti (KED)	N/A	N/A	6.4 %
51V (KED)	N/A	N/A	4.0 %
52Cr (KED)	N/A	N/A	9.9 %
54Fe (KED)	N/A	N/A	4.7 %
55Mn (KED)	N/A	N/A	4.0 %
56Fe (KED)	N/A	N/A	5.7 %
59Co (KED)	N/A	N/A	5.6 %
60Ni (KED)	N/A	N/A	8.0 %
63Cu (KED)	251.158 ppb	3.4 %	4.4 %
66Zn (KED)	N/A	N/A	6.9 %
75As (KED)	N/A	N/A	6.3 %
77Se (KED)	N/A	N/A	17.3 %
78Se (KED)	N/A	N/A	10.5 %
82Se (KED)	N/A	N/A	55.1 %
88Sr (KED)	N/A	N/A	4.9 %
89Y (KED)	89.977 %	1.7 %	0.0 %
95Mo (KED)	N/A	N/A	9.3 %
107Ag (KED)	N/A	N/A	3.2 %
109Ag (KED)	N/A	N/A	3.4 %
111Cd (KED)	N/A	N/A	4.3 %
115In (KED)	93.187 %	3.1 %	0.0 %
118Sn (KED)	N/A	N/A	5.6 %
123Sb (KED)	N/A	N/A	7.1 %
137Ba (KED)	N/A	N/A	4.7 %
159Tb (KED)	95.695 %	3.7 %	0.0 %
205Tl (KED)	N/A	N/A	6.2 %
206Pb (KED)	N/A	N/A	5.2 %
207Pb (KED)	N/A	N/A	5.4 %
208Pb (KED)	N/A	N/A	5.1 %
209Bi (KED)	108.993 %	1.8 %	0.0 %
232Th (KED)	N/A	N/A	11.1 %
238U (KED)	N/A	N/A	5.8 %

Calibration

12/2/2022 8:00:21 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Category	Standard Concentration
6Li (KED)	
9Be (KED)	N/A
11B (KED)	N/A
23Na (KED)	N/A
24Mg (KED)	N/A
27Al (KED)	N/A
39K (KED)	N/A
44Ca (KED)	N/A
45Sc (KED)	
47Ti (KED)	N/A
51V (KED)	N/A
52Cr (KED)	N/A
54Fe (KED)	N/A
55Mn (KED)	N/A
56Fe (KED)	N/A
59Co (KED)	N/A
60Ni (KED)	N/A
63Cu (KED)	250.000 ppb
66Zn (KED)	N/A
75As (KED)	N/A
77Se (KED)	N/A
78Se (KED)	N/A
82Se (KED)	N/A
88Sr (KED)	N/A
89Y (KED)	
95Mo (KED)	N/A
107Ag (KED)	N/A
109Ag (KED)	N/A
111Cd (KED)	N/A
115In (KED)	
118Sn (KED)	N/A
123Sb (KED)	N/A
137Ba (KED)	N/A
159Tb (KED)	
205Tl (KED)	N/A
206Pb (KED)	N/A
207Pb (KED)	N/A
208Pb (KED)	N/A
209Bi (KED)	
232Th (KED)	N/A
238U (KED)	N/A

Concentrations

12/2/2022 8:00:30 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	CALB J3MS-3025 J3MS-3029	Comment	LL
Dilution Factor	1	Sample Type:	BLK
Date Collected:	11/30/2022 8:28:44 AM		

Labbook:	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/2/2022 8:00:15 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	100.000 %	0.1 %	1,740 cps
9Be (KED)	0.000 ppb	N/A	1 cps
11B (KED)	0.000 ppb	0.0 %	164 cps
23Na (KED)	0.000 ppb	0.0 %	41,723 cps
24Mg (KED)	0.000 ppb	0.0 %	237 cps
27Al (KED)	0.000 ppb	0.1 %	350 cps
39K (KED)	0.000 ppb	0.0 %	9,063 cps
44Ca (KED)	0.000 ppb	0.3 %	120 cps
45Sc (KED)	100.000 %	0.0 %	69,288 cps
47Ti (KED)	0.000 ppb	1.3 %	7 cps
51V (KED)	0.000 ppb	0.2 %	42 cps
52Cr (KED)	0.000 ppb	N/A	1,899 cps
54Fe (KED)	0.000 ppb	0.1 %	886 cps
55Mn (KED)	0.000 ppb	0.0 %	1,202 cps
56Fe (KED)	0.000 ppb	0.0 %	18,210 cps
59Co (KED)	0.000 ppb	0.3 %	97 cps
60Ni (KED)	0.000 ppb	0.1 %	156 cps
63Cu (KED)	0.000 ppb	0.1 %	720 cps
66Zn (KED)	0.000 ppb	0.1 %	1,162 cps
74Ge (KED)			11,029 cps
75As (KED)	0.000 ppb	0.2 %	21 cps
77Se (KED)	0.000 ppb		0 cps
78Se (KED)	0.000 ppb	0.9 %	10 cps
82Se (KED)	0.000 ppb	0.3 %	317 cps
83Kr (KED)			273 cps
88Sr (KED)	0.000 ppb	0.2 %	157 cps
89Y (KED)	100.000 %	0.0 %	170,208 cps
95Mo (KED)	0.000 ppb	0.5 %	73 cps
107Ag (KED)	0.000 ppb	0.1 %	1,943 cps
109Ag (KED)	0.000 ppb	0.0 %	1,760 cps
111Cd (KED)	0.000 ppb		0 cps
115In (KED)	100.000 %	0.0 %	266,117 cps
118Sn (KED)	0.000 ppb	0.2 %	3,625 cps
123Sb (KED)	0.000 ppb	0.4 %	92 cps
125Te (KED)			0 cps
137Ba (KED)	0.000 ppb	0.3 %	87 cps
159Tb (KED)	100.000 %	0.0 %	427,727 cps
205Tl (KED)	0.000 ppb	0.2 %	146 cps
206Pb (KED)	0.000 ppb	0.1 %	157 cps
207Pb (KED)	0.000 ppb	0.2 %	109 cps
208Pb (KED)	0.000 ppb	0.0 %	644 cps
209Bi (KED)	100.000 %	0.0 %	338,472 cps
232Th (KED)	0.000 ppb	0.1 %	1,323 cps
238U (KED)	0.000 ppb	0.1 %	47 cps

Concentrations

12/2/2022 8:00:30 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	ICAL1 J3MS-3016	Comment	LL
Dilution Factor	1	Sample Type:	STD
Date Collected:	11/30/2022 8:34:29 AM		

Labbook:	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/2/2022 8:00:15 AM

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	97.509 %	5.7 %	0.0 %
9Be (KED)	0.632 ppb	0.0 %	14.7 %
11B (KED)	-0.973 ppb	30.2 %	112.6 %
23Na (KED)	199.129 ppb	3.7 %	10.5 %
24Mg (KED)	198.547 ppb	1.0 %	9.3 %
27Al (KED)	191.590 ppb	4.2 %	7.7 %
39K (KED)	182.690 ppb	2.0 %	4.0 %
44Ca (KED)	197.052 ppb	3.4 %	6.9 %
45Sc (KED)	97.682 %	2.3 %	0.0 %
47Ti (KED)	2.029 ppb	6.9 %	6.4 %
51V (KED)	0.835 ppb	2.9 %	4.0 %
52Cr (KED)	0.676 ppb	0.0 %	9.9 %
54Fe (KED)	183.235 ppb	3.2 %	4.7 %
55Mn (KED)	0.823 ppb	4.0 %	4.0 %
56Fe (KED)	190.026 ppb	2.2 %	5.7 %
59Co (KED)	0.853 ppb	3.6 %	5.6 %
60Ni (KED)	0.898 ppb	5.2 %	8.0 %
63Cu (KED)	0.812 ppb	1.3 %	4.4 %
66Zn (KED)	22.393 ppb	2.3 %	6.9 %
74Ge (KED)			
75As (KED)	0.879 ppb	4.4 %	6.3 %
77Se (KED)	1.053 ppb	9.3 %	17.3 %
78Se (KED)	0.956 ppb	11.3 %	10.5 %
82Se (KED)	-0.033 ppb	980.6 %	55.1 %
83Kr (KED)			
88Sr (KED)	0.855 ppb	4.3 %	4.9 %
89Y (KED)	98.601 %	0.6 %	0.0 %
95Mo (KED)	2.172 ppb	2.6 %	9.3 %
107Ag (KED)	0.797 ppb	1.5 %	3.2 %
109Ag (KED)	0.796 ppb	0.7 %	3.4 %
111Cd (KED)	0.831 ppb	1.8 %	4.3 %
115In (KED)	100.339 %	0.8 %	0.0 %
118Sn (KED)	2.073 ppb	2.0 %	5.6 %
123Sb (KED)	2.120 ppb	0.7 %	7.1 %
125Te (KED)			
137Ba (KED)	0.835 ppb	5.5 %	4.7 %
159Tb (KED)	99.846 %	0.7 %	0.0 %
205Tl (KED)	0.854 ppb	1.4 %	6.2 %
206Pb (KED)	0.850 ppb	1.8 %	5.2 %
207Pb (KED)	0.853 ppb	3.1 %	5.4 %
208Pb (KED)	0.850 ppb	1.6 %	5.1 %
209Bi (KED)	106.973 %	0.6 %	0.0 %
232Th (KED)	0.633 ppb	2.1 %	11.1 %
238U (KED)	0.834 ppb	2.5 %	5.8 %

Concentrations

12/2/2022 8:00:30 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	ICAL2 J3MS-3017	Comment	LL
Dilution Factor	1	Sample Type:	STD
Date Collected:	11/30/2022 8:40:14 AM		

Labbook:	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/2/2022 8:00:15 AM

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	100.192 %	8.7 %	0.0 %
9Be (KED)	3.846 ppb	0.1 %	14.7 %
11B (KED)	2.497 ppb	24.1 %	112.6 %
23Na (KED)	989.356 ppb	4.8 %	10.5 %
24Mg (KED)	960.229 ppb	3.4 %	9.3 %
27Al (KED)	957.675 ppb	3.0 %	7.7 %
39K (KED)	937.562 ppb	0.9 %	4.0 %
44Ca (KED)	957.357 ppb	2.8 %	6.9 %
45Sc (KED)	95.036 %	1.4 %	0.0 %
47Ti (KED)	4.444 ppb	2.5 %	6.4 %
51V (KED)	4.126 ppb	2.1 %	4.0 %
52Cr (KED)	4.150 ppb	0.0 %	9.9 %
54Fe (KED)	942.334 ppb	2.1 %	4.7 %
55Mn (KED)	4.153 ppb	3.1 %	4.0 %
56Fe (KED)	964.695 ppb	3.6 %	5.7 %
59Co (KED)	4.275 ppb	2.6 %	5.6 %
60Ni (KED)	4.358 ppb	4.0 %	8.0 %
63Cu (KED)	4.122 ppb	4.7 %	4.4 %
66Zn (KED)	111.497 ppb	3.3 %	6.9 %
74Ge (KED)			
75As (KED)	4.225 ppb	3.4 %	6.3 %
77Se (KED)	4.412 ppb	5.0 %	17.3 %
78Se (KED)	4.165 ppb	12.9 %	10.5 %
82Se (KED)	5.370 ppb	17.7 %	55.1 %
83Kr (KED)			
88Sr (KED)	4.158 ppb	0.4 %	4.9 %
89Y (KED)	96.593 %	1.4 %	0.0 %
95Mo (KED)	4.617 ppb	3.4 %	9.3 %
107Ag (KED)	4.088 ppb	3.0 %	3.2 %
109Ag (KED)	4.117 ppb	2.3 %	3.4 %
111Cd (KED)	4.194 ppb	1.5 %	4.3 %
115In (KED)	97.552 %	0.5 %	0.0 %
118Sn (KED)	4.317 ppb	3.6 %	5.6 %
123Sb (KED)	4.433 ppb	2.4 %	7.1 %
125Te (KED)			
137Ba (KED)	4.253 ppb	2.0 %	4.7 %
159Tb (KED)	99.134 %	0.4 %	0.0 %
205Tl (KED)	4.319 ppb	1.4 %	6.2 %
206Pb (KED)	4.247 ppb	1.8 %	5.2 %
207Pb (KED)	4.260 ppb	2.3 %	5.4 %
208Pb (KED)	4.226 ppb	1.3 %	5.1 %
209Bi (KED)	105.593 %	1.2 %	0.0 %
232Th (KED)	3.942 ppb	1.5 %	11.1 %
238U (KED)	4.180 ppb	3.6 %	5.8 %

Concentrations

12/2/2022 8:00:30 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	ICAL3 J3MS-3018	Comment	LL
Dilution Factor	1	Sample Type:	STD
Date Collected:	11/30/2022 8:45:59 AM		

Labbook:	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/2/2022 8:00:15 AM

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	94.444 %	6.2 %	0.0 %
9Be (KED)	11.711 ppb	0.1 %	14.7 %
11B (KED)	11.492 ppb	8.9 %	112.6 %
23Na (KED)	2,779.673 ppb	5.9 %	10.5 %
24Mg (KED)	2,727.924 ppb	7.1 %	9.3 %
27Al (KED)	2,718.774 ppb	7.1 %	7.7 %
39K (KED)	2,674.604 ppb	7.1 %	4.0 %
44Ca (KED)	2,655.687 ppb	8.1 %	6.9 %
45Sc (KED)	97.622 %	4.4 %	0.0 %
47Ti (KED)	11.646 ppb	6.4 %	6.4 %
51V (KED)	11.446 ppb	7.2 %	4.0 %
52Cr (KED)	11.575 ppb	0.1 %	9.9 %
54Fe (KED)	2,569.090 ppb	7.1 %	4.7 %
55Mn (KED)	11.332 ppb	7.3 %	4.0 %
56Fe (KED)	2,611.567 ppb	8.1 %	5.7 %
59Co (KED)	11.586 ppb	6.6 %	5.6 %
60Ni (KED)	11.668 ppb	5.9 %	8.0 %
63Cu (KED)	11.180 ppb	6.1 %	4.4 %
66Zn (KED)	302.332 ppb	6.8 %	6.9 %
74Ge (KED)			
75As (KED)	11.594 ppb	6.8 %	6.3 %
77Se (KED)	12.796 ppb	4.2 %	17.3 %
78Se (KED)	11.407 ppb	3.0 %	10.5 %
82Se (KED)	12.945 ppb	10.8 %	55.1 %
83Kr (KED)			
88Sr (KED)	11.373 ppb	5.2 %	4.9 %
89Y (KED)	99.449 %	3.2 %	0.0 %
95Mo (KED)	11.408 ppb	6.5 %	9.3 %
107Ag (KED)	11.523 ppb	6.6 %	3.2 %
109Ag (KED)	11.480 ppb	7.0 %	3.4 %
111Cd (KED)	11.459 ppb	7.8 %	4.3 %
115In (KED)	100.590 %	4.2 %	0.0 %
118Sn (KED)	11.350 ppb	8.6 %	5.6 %
123Sb (KED)	11.509 ppb	7.1 %	7.1 %
125Te (KED)			
137Ba (KED)	11.749 ppb	7.5 %	4.7 %
159Tb (KED)	100.938 %	3.5 %	0.0 %
205Tl (KED)	11.813 ppb	4.5 %	6.2 %
206Pb (KED)	11.674 ppb	7.1 %	5.2 %
207Pb (KED)	11.875 ppb	7.4 %	5.4 %
208Pb (KED)	11.752 ppb	8.1 %	5.1 %
209Bi (KED)	109.753 %	3.2 %	0.0 %
232Th (KED)	11.651 ppb	9.1 %	11.1 %
238U (KED)	11.361 ppb	7.5 %	5.8 %

Concentrations

12/2/2022 8:00:30 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	ICAL4 J3MS-3019	Comment	LL
Dilution Factor	1	Sample Type:	STD
Date Collected:	11/30/2022 8:51:44 AM		

Labbook:	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/2/2022 8:00:15 AM

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	84.673 %	2.2 %	0.0 %
9Be (KED)	22.468 ppb	0.0 %	14.7 %
11B (KED)	22.834 ppb	6.5 %	112.6 %
23Na (KED)	5,020.153 ppb	2.4 %	10.5 %
24Mg (KED)	5,011.219 ppb	1.8 %	9.3 %
27Al (KED)	4,974.468 ppb	0.7 %	7.7 %
39K (KED)	4,762.301 ppb	1.1 %	4.0 %
44Ca (KED)	4,730.146 ppb	1.2 %	6.9 %
45Sc (KED)	90.372 %	0.7 %	0.0 %
47Ti (KED)	20.950 ppb	6.6 %	6.4 %
51V (KED)	20.590 ppb	0.6 %	4.0 %
52Cr (KED)	20.997 ppb	0.0 %	9.9 %
54Fe (KED)	4,719.995 ppb	1.1 %	4.7 %
55Mn (KED)	20.355 ppb	1.0 %	4.0 %
56Fe (KED)	4,687.709 ppb	1.1 %	5.7 %
59Co (KED)	20.850 ppb	0.7 %	5.6 %
60Ni (KED)	20.590 ppb	0.9 %	8.0 %
63Cu (KED)	20.049 ppb	0.5 %	4.4 %
66Zn (KED)	544.285 ppb	0.4 %	6.9 %
74Ge (KED)			
75As (KED)	20.875 ppb	1.5 %	6.3 %
77Se (KED)	21.290 ppb	6.8 %	17.3 %
78Se (KED)	20.931 ppb	4.0 %	10.5 %
82Se (KED)	21.701 ppb	6.1 %	55.1 %
83Kr (KED)			
88Sr (KED)	20.496 ppb	0.4 %	4.9 %
89Y (KED)	92.563 %	1.3 %	0.0 %
95Mo (KED)	20.619 ppb	0.8 %	9.3 %
107Ag (KED)	20.533 ppb	2.0 %	3.2 %
109Ag (KED)	20.542 ppb	1.2 %	3.4 %
111Cd (KED)	20.754 ppb	0.3 %	4.3 %
115In (KED)	93.631 %	0.4 %	0.0 %
118Sn (KED)	20.923 ppb	0.3 %	5.6 %
123Sb (KED)	21.116 ppb	0.6 %	7.1 %
125Te (KED)			
137Ba (KED)	20.997 ppb	1.0 %	4.7 %
159Tb (KED)	95.886 %	1.2 %	0.0 %
205Tl (KED)	21.166 ppb	2.0 %	6.2 %
206Pb (KED)	20.896 ppb	0.8 %	5.2 %
207Pb (KED)	21.056 ppb	0.9 %	5.4 %
208Pb (KED)	20.989 ppb	0.9 %	5.1 %
209Bi (KED)	103.903 %	0.6 %	0.0 %
232Th (KED)	21.251 ppb	2.8 %	11.1 %
238U (KED)	21.407 ppb	1.2 %	5.8 %

Concentrations

12/2/2022 8:00:30 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	ICAL5 J3MS-3020	Comment	LL
Dilution Factor	1	Sample Type:	STD
Date Collected:	11/30/2022 8:57:31 AM		

Labbook:	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/2/2022 8:00:15 AM

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	96.935 %	3.4 %	0.0 %
9Be (KED)	37.567 ppb	0.0 %	14.7 %
11B (KED)	38.727 ppb	4.3 %	112.6 %
23Na (KED)	8,760.720 ppb	1.7 %	10.5 %
24Mg (KED)	8,783.635 ppb	2.0 %	9.3 %
27Al (KED)	8,805.150 ppb	1.8 %	7.7 %
39K (KED)	8,926.674 ppb	2.0 %	4.0 %
44Ca (KED)	8,946.160 ppb	1.0 %	6.9 %
45Sc (KED)	89.461 %	1.0 %	0.0 %
47Ti (KED)	38.812 ppb	3.8 %	6.4 %
51V (KED)	39.071 ppb	1.8 %	4.0 %
52Cr (KED)	39.509 ppb	0.0 %	9.9 %
54Fe (KED)	8,978.993 ppb	2.5 %	4.7 %
55Mn (KED)	38.862 ppb	2.5 %	4.0 %
56Fe (KED)	8,980.021 ppb	2.1 %	5.7 %
59Co (KED)	39.048 ppb	1.6 %	5.6 %
60Ni (KED)	38.717 ppb	1.6 %	8.0 %
63Cu (KED)	37.562 ppb	1.8 %	4.4 %
66Zn (KED)	1,029.976 ppb	1.6 %	6.9 %
74Ge (KED)			
75As (KED)	39.712 ppb	1.3 %	6.3 %
77Se (KED)	40.463 ppb	4.5 %	17.3 %
78Se (KED)	39.737 ppb	3.2 %	10.5 %
82Se (KED)	40.479 ppb	1.2 %	55.1 %
83Kr (KED)			
88Sr (KED)	40.131 ppb	1.2 %	4.9 %
89Y (KED)	89.879 %	0.7 %	0.0 %
95Mo (KED)	40.009 ppb	1.3 %	9.3 %
107Ag (KED)	38.543 ppb	0.3 %	3.2 %
109Ag (KED)	38.657 ppb	1.5 %	3.4 %
111Cd (KED)	39.487 ppb	1.5 %	4.3 %
115In (KED)	92.768 %	1.8 %	0.0 %
118Sn (KED)	40.146 ppb	2.1 %	5.6 %
123Sb (KED)	40.457 ppb	1.3 %	7.1 %
125Te (KED)			
137Ba (KED)	40.173 ppb	1.6 %	4.7 %
159Tb (KED)	96.543 %	0.4 %	0.0 %
205Tl (KED)	41.174 ppb	1.6 %	6.2 %
206Pb (KED)	40.691 ppb	2.0 %	5.2 %
207Pb (KED)	40.698 ppb	0.8 %	5.4 %
208Pb (KED)	40.579 ppb	1.5 %	5.1 %
209Bi (KED)	102.596 %	0.8 %	0.0 %
232Th (KED)	41.127 ppb	2.1 %	11.1 %
238U (KED)	41.683 ppb	2.5 %	5.8 %

Concentrations

12/2/2022 8:00:30 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	ICAL6 J3MS-3021	Comment	LL
Dilution Factor	1	Sample Type:	STD
Date Collected:	11/30/2022 9:03:16 AM		

Labbook:	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/2/2022 8:00:15 AM

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	96.360 %	7.1 %	0.0 %
9Be (KED)	100.626 ppb	0.1 %	14.7 %
11B (KED)	100.078 ppb	8.8 %	112.6 %
23Na (KED)	N/A	N/A	10.5 %
24Mg (KED)	N/A	N/A	9.3 %
27Al (KED)	N/A	N/A	7.7 %
39K (KED)	N/A	N/A	4.0 %
44Ca (KED)	N/A	N/A	6.9 %
45Sc (KED)	86.543 %	6.5 %	0.0 %
47Ti (KED)	100.309 ppb	8.3 %	6.4 %
51V (KED)	100.315 ppb	8.3 %	4.0 %
52Cr (KED)	100.043 ppb	0.1 %	9.9 %
54Fe (KED)	N/A	N/A	4.7 %
55Mn (KED)	100.458 ppb	9.3 %	4.0 %
56Fe (KED)	N/A	N/A	5.7 %
59Co (KED)	100.249 ppb	9.3 %	5.6 %
60Ni (KED)	100.420 ppb	9.3 %	8.0 %
63Cu (KED)	98.163 ppb	9.0 %	4.4 %
66Zn (KED)	N/A	N/A	6.9 %
74Ge (KED)			
75As (KED)	99.979 ppb	8.2 %	6.3 %
77Se (KED)	99.443 ppb	10.1 %	17.3 %
78Se (KED)	99.982 ppb	9.9 %	10.5 %
82Se (KED)	99.306 ppb	8.7 %	55.1 %
83Kr (KED)			
88Sr (KED)	99.917 ppb	8.9 %	4.9 %
89Y (KED)	89.804 %	6.2 %	0.0 %
95Mo (KED)	99.916 ppb	8.6 %	9.3 %
107Ag (KED)	100.530 ppb	7.0 %	3.2 %
109Ag (KED)	100.487 ppb	7.2 %	3.4 %
111Cd (KED)	100.111 ppb	8.8 %	4.3 %
115In (KED)	93.054 %	6.3 %	0.0 %
118Sn (KED)	99.821 ppb	9.8 %	5.6 %
123Sb (KED)	99.633 ppb	8.6 %	7.1 %
125Te (KED)			
137Ba (KED)	99.751 ppb	9.0 %	4.7 %
159Tb (KED)	97.779 %	5.5 %	0.0 %
205Tl (KED)	99.306 ppb	4.8 %	6.2 %
206Pb (KED)	99.573 ppb	8.5 %	5.2 %
207Pb (KED)	99.514 ppb	7.3 %	5.4 %
208Pb (KED)	99.591 ppb	7.3 %	5.1 %
209Bi (KED)	107.668 %	5.1 %	0.0 %
232Th (KED)	99.344 ppb	8.4 %	11.1 %
238U (KED)	99.114 ppb	7.5 %	5.8 %

Concentrations

12/2/2022 8:00:30 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	ICAL7 J3MS-3022	Comment	LL
Dilution Factor	1	Sample Type:	STD
Date Collected:	11/30/2022 9:09:02 AM		

Labbook:	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/2/2022 8:00:15 AM

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	87.547 %	3.7 %	0.0 %
9Be (KED)	N/A	N/A	14.7 %
11B (KED)	N/A	N/A	112.6 %
23Na (KED)	N/A	N/A	10.5 %
24Mg (KED)	N/A	N/A	9.3 %
27Al (KED)	N/A	N/A	7.7 %
39K (KED)	N/A	N/A	4.0 %
44Ca (KED)	N/A	N/A	6.9 %
45Sc (KED)	87.787 %	2.6 %	0.0 %
47Ti (KED)	N/A	N/A	6.4 %
51V (KED)	N/A	N/A	4.0 %
52Cr (KED)	N/A	N/A	9.9 %
54Fe (KED)	N/A	N/A	4.7 %
55Mn (KED)	N/A	N/A	4.0 %
56Fe (KED)	N/A	N/A	5.7 %
59Co (KED)	N/A	N/A	5.6 %
60Ni (KED)	N/A	N/A	8.0 %
63Cu (KED)	251.158 ppb	3.4 %	4.4 %
66Zn (KED)	N/A	N/A	6.9 %
74Ge (KED)			
75As (KED)	N/A	N/A	6.3 %
77Se (KED)	N/A	N/A	17.3 %
78Se (KED)	N/A	N/A	10.5 %
82Se (KED)	N/A	N/A	55.1 %
83Kr (KED)			
88Sr (KED)	N/A	N/A	4.9 %
89Y (KED)	89.977 %	1.7 %	0.0 %
95Mo (KED)	N/A	N/A	9.3 %
107Ag (KED)	N/A	N/A	3.2 %
109Ag (KED)	N/A	N/A	3.4 %
111Cd (KED)	N/A	N/A	4.3 %
115In (KED)	93.187 %	3.1 %	0.0 %
118Sn (KED)	N/A	N/A	5.6 %
123Sb (KED)	N/A	N/A	7.1 %
125Te (KED)			
137Ba (KED)	N/A	N/A	4.7 %
159Tb (KED)	95.695 %	3.7 %	0.0 %
205Tl (KED)	N/A	N/A	6.2 %
206Pb (KED)	N/A	N/A	5.2 %
207Pb (KED)	N/A	N/A	5.4 %
208Pb (KED)	N/A	N/A	5.1 %
209Bi (KED)	108.993 %	1.8 %	0.0 %
232Th (KED)	N/A	N/A	11.1 %
238U (KED)	N/A	N/A	5.8 %

Concentrations

12/2/2022 8:00:30 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	ICV1 J3MS-3023	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	11/30/2022 9:20:33 AM		

Labbook:	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/2/2022 8:00:15 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	93.103 %	4.7 %	1,620 cps
9Be (KED)	20.144 ppb	3.2 %	1,144 cps
11B (KED)	20.316 ppb	3.3 %	711 cps
23Na (KED)	-9.392 ppb	28.3 %	33,070 cps
24Mg (KED)	20.778 ppb	3.1 %	6,889 cps
27Al (KED)	4,758.324 ppb	1.9 %	507,624 cps
39K (KED)	12.327 ppb	10.6 %	12,109 cps
44Ca (KED)	187.845 ppb	3.4 %	3,884 cps
45Sc (KED)	93.075 %	1.8 %	64,489 cps
47Ti (KED)	20.699 ppb	2.1 %	2,693 cps
51V (KED)	20.844 ppb	1.1 %	104,735 cps
52Cr (KED)	21.256 ppb	0.5 %	139,266 cps
54Fe (KED)	4,684.983 ppb	0.7 %	1,508,064 cps
55Mn (KED)	20.439 ppb	1.4 %	88,021 cps
56Fe (KED)	4,683.597 ppb	0.8 %	33,333,537 cps
59Co (KED)	20.945 ppb	1.0 %	309,640 cps
60Ni (KED)	20.717 ppb	0.6 %	81,386 cps
63Cu (KED)	20.668 ppb	0.8 %	226,089 cps
66Zn (KED)	559.385 ppb	1.1 %	1,092,036 cps
74Ge (KED)			11,495 cps
75As (KED)	21.034 ppb	0.9 %	22,790 cps
77Se (KED)	23.501 ppb	12.3 %	3,611 cps
78Se (KED)	21.217 ppb	4.1 %	3,101 cps
82Se (KED)	23.151 ppb	2.0 %	3,804 cps
83Kr (KED)			2,470 cps
88Sr (KED)	20.557 ppb	1.1 %	126,993 cps
89Y (KED)	96.343 %	1.0 %	163,983 cps
95Mo (KED)	20.447 ppb	0.6 %	141,120 cps
107Ag (KED)	20.500 ppb	1.5 %	582,941 cps
109Ag (KED)	20.436 ppb	0.4 %	575,290 cps
111Cd (KED)	20.561 ppb	1.2 %	87,993 cps
115In (KED)	97.865 %	0.1 %	260,436 cps
118Sn (KED)	20.367 ppb	0.9 %	177,253 cps
123Sb (KED)	20.581 ppb	0.9 %	155,424 cps
125Te (KED)			16 cps
137Ba (KED)	21.176 ppb	2.1 %	78,362 cps
159Tb (KED)	97.636 %	1.6 %	417,617 cps
205Tl (KED)	20.590 ppb	0.7 %	1,812,062 cps
206Pb (KED)	20.582 ppb	0.5 %	599,759 cps
207Pb (KED)	20.768 ppb	1.0 %	526,303 cps
208Pb (KED)	20.732 ppb	1.5 %	2,432,345 cps
209Bi (KED)	107.471 %	0.5 %	363,760 cps
232Th (KED)	20.454 ppb	1.2 %	2,676,582 cps
238U (KED)	20.012 ppb	2.0 %	2,791,941 cps

Concentrations

12/2/2022 8:00:30 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	IB J3MS-3025 J3MS-3029	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	11/30/2022 9:26:20 AM		

Labbook:	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/2/2022 8:00:15 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	93.295 %	15.8 %	1,623 cps
9Be (KED)	-0.010 ppb	0.0 %	0 cps
11B (KED)	-0.841 ppb	129.6 %	127 cps
23Na (KED)	-29.017 ppb	7.8 %	20,567 cps
24Mg (KED)	-0.220 ppb	6.0 %	147 cps
27Al (KED)	0.303 ppb	141.0 %	350 cps
39K (KED)	-5.581 ppb	10.6 %	6,508 cps
44Ca (KED)	1.412 ppb	119.1 %	133 cps
45Sc (KED)	88.747 %	2.0 %	61,491 cps
47Ti (KED)	-0.048 ppb	0.0 %	0 cps
51V (KED)	0.000 ppb	923.3 %	37 cps
52Cr (KED)	-0.001 ppb	1,612.5 %	1,689 cps
54Fe (KED)	-0.012 ppb	3,266.3 %	787 cps
55Mn (KED)	-0.143 ppb	2.8 %	493 cps
56Fe (KED)	0.041 ppb	556.9 %	16,558 cps
59Co (KED)	-0.003 ppb	36.9 %	38 cps
60Ni (KED)	-0.001 ppb	1,665.9 %	137 cps
63Cu (KED)	-0.010 ppb	69.8 %	544 cps
66Zn (KED)	-0.001 ppb	3,520.3 %	1,046 cps
74Ge (KED)			10,027 cps
75As (KED)	0.015 ppb	57.8 %	34 cps
77Se (KED)	0.046 ppb	86.6 %	7 cps
78Se (KED)	0.062 ppb	122.4 %	18 cps
82Se (KED)	2.088 ppb	36.4 %	589 cps
83Kr (KED)			233 cps
88Sr (KED)	-0.001 ppb	870.7 %	140 cps
89Y (KED)	91.669 %	1.0 %	156,027 cps
95Mo (KED)	0.130 ppb	19.7 %	923 cps
107Ag (KED)	-0.062 ppb	2.7 %	120 cps
109Ag (KED)	-0.056 ppb	0.5 %	136 cps
111Cd (KED)	0.000 ppb	86.6 %	1 cps
115In (KED)	93.524 %	0.9 %	248,883 cps
118Sn (KED)	0.007 ppb	22.4 %	3,445 cps
123Sb (KED)	0.015 ppb	20.3 %	197 cps
125Te (KED)			1 cps
137Ba (KED)	-0.003 ppb	209.2 %	71 cps
159Tb (KED)	93.988 %	1.2 %	402,010 cps
205Tl (KED)	0.004 ppb	30.7 %	474 cps
206Pb (KED)	0.000 ppb	522.6 %	162 cps
207Pb (KED)	0.002 ppb	32.3 %	160 cps
208Pb (KED)	0.000 ppb	819.9 %	690 cps
209Bi (KED)	106.209 %	0.5 %	359,489 cps
232Th (KED)	0.040 ppb	11.6 %	6,525 cps
238U (KED)	0.000 ppb	60.3 %	110 cps

Concentrations

12/2/2022 8:00:30 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	LLCCV1 J3MS-3016	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	11/30/2022 9:32:04 AM		

Labbook:	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/2/2022 8:00:15 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	90.996 %	11.1 %	1,583 cps
9Be (KED)	0.717 ppb	30.3 %	41 cps
11B (KED)	-1.130 ppb	102.8 %	117 cps
23Na (KED)	161.099 ppb	9.4 %	133,618 cps
24Mg (KED)	186.003 ppb	6.9 %	58,082 cps
27Al (KED)	184.227 ppb	4.3 %	19,362 cps
39K (KED)	184.360 ppb	3.5 %	61,267 cps
44Ca (KED)	191.545 ppb	6.2 %	3,821 cps
45Sc (KED)	89.780 %	1.2 %	62,207 cps
47Ti (KED)	1.970 ppb	5.4 %	252 cps
51V (KED)	0.778 ppb	5.2 %	3,797 cps
52Cr (KED)	0.658 ppb	6.2 %	5,765 cps
54Fe (KED)	181.113 ppb	3.0 %	56,774 cps
55Mn (KED)	0.702 ppb	5.7 %	3,951 cps
56Fe (KED)	182.028 ppb	2.2 %	1,259,407 cps
59Co (KED)	0.801 ppb	2.1 %	11,436 cps
60Ni (KED)	0.886 ppb	1.4 %	3,472 cps
63Cu (KED)	0.780 ppb	2.0 %	8,794 cps
66Zn (KED)	21.421 ppb	1.6 %	40,988 cps
74Ge (KED)			9,999 cps
75As (KED)	0.808 ppb	5.8 %	853 cps
77Se (KED)	0.910 ppb	17.4 %	133 cps
78Se (KED)	0.881 ppb	17.8 %	131 cps
82Se (KED)	3.340 ppb	17.6 %	768 cps
83Kr (KED)			360 cps
88Sr (KED)	0.778 ppb	4.4 %	4,688 cps
89Y (KED)	91.234 %	1.5 %	155,287 cps
95Mo (KED)	2.102 ppb	2.2 %	13,844 cps
107Ag (KED)	0.748 ppb	3.6 %	22,083 cps
109Ag (KED)	0.753 ppb	0.9 %	21,883 cps
111Cd (KED)	0.820 ppb	1.5 %	3,362 cps
115In (KED)	94.010 %	0.7 %	250,177 cps
118Sn (KED)	2.058 ppb	1.3 %	20,293 cps
123Sb (KED)	2.100 ppb	1.8 %	15,369 cps
125Te (KED)			1 cps
137Ba (KED)	0.813 ppb	3.4 %	2,997 cps
159Tb (KED)	95.678 %	2.1 %	409,241 cps
205Tl (KED)	0.816 ppb	0.8 %	71,217 cps
206Pb (KED)	0.826 ppb	0.7 %	23,988 cps
207Pb (KED)	0.831 ppb	2.3 %	20,962 cps
208Pb (KED)	0.822 ppb	1.2 %	96,187 cps
209Bi (KED)	106.439 %	1.6 %	360,266 cps
232Th (KED)	0.716 ppb	3.4 %	94,096 cps
238U (KED)	0.816 ppb	1.6 %	112,814 cps

Concentrations

12/2/2022 8:00:30 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	LLCCV2 J3MS-3017	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	11/30/2022 9:37:49 AM		

Labbook:	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/2/2022 8:00:15 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	88.505 %	6.2 %	1,540 cps
9Be (KED)	3.729 ppb	6.4 %	206 cps
11B (KED)	2.547 ppb	42.6 %	210 cps
23Na (KED)	937.885 ppb	4.4 %	579,323 cps
24Mg (KED)	930.353 ppb	6.2 %	281,253 cps
27Al (KED)	938.633 ppb	6.2 %	94,354 cps
39K (KED)	919.356 ppb	3.7 %	264,138 cps
44Ca (KED)	942.142 ppb	4.2 %	17,746 cps
45Sc (KED)	86.808 %	2.5 %	60,148 cps
47Ti (KED)	4.006 ppb	5.7 %	490 cps
51V (KED)	4.154 ppb	5.7 %	19,429 cps
52Cr (KED)	4.105 ppb	5.6 %	26,145 cps
54Fe (KED)	936.190 ppb	4.1 %	280,375 cps
55Mn (KED)	3.892 ppb	6.4 %	16,396 cps
56Fe (KED)	955.337 ppb	3.0 %	6,320,351 cps
59Co (KED)	4.102 ppb	3.2 %	56,256 cps
60Ni (KED)	4.139 ppb	3.5 %	15,165 cps
63Cu (KED)	3.937 ppb	5.2 %	40,333 cps
66Zn (KED)	108.063 ppb	3.5 %	195,660 cps
74Ge (KED)			9,915 cps
75As (KED)	4.171 ppb	3.3 %	4,173 cps
77Se (KED)	4.204 ppb	14.8 %	593 cps
78Se (KED)	4.125 ppb	9.7 %	561 cps
82Se (KED)	6.116 ppb	6.8 %	1,127 cps
83Kr (KED)			497 cps
88Sr (KED)	4.191 ppb	1.4 %	23,799 cps
89Y (KED)	88.114 %	0.8 %	149,978 cps
95Mo (KED)	4.482 ppb	3.1 %	28,442 cps
107Ag (KED)	3.989 ppb	2.9 %	106,247 cps
109Ag (KED)	4.034 ppb	2.7 %	106,379 cps
111Cd (KED)	4.175 ppb	1.6 %	16,555 cps
115In (KED)	90.905 %	1.8 %	241,915 cps
118Sn (KED)	4.398 ppb	2.6 %	38,184 cps
123Sb (KED)	4.420 ppb	3.4 %	31,190 cps
125Te (KED)			2 cps
137Ba (KED)	4.256 ppb	2.9 %	14,860 cps
159Tb (KED)	92.824 %	1.9 %	397,034 cps
205Tl (KED)	4.131 ppb	3.9 %	349,042 cps
206Pb (KED)	4.146 ppb	1.9 %	116,117 cps
207Pb (KED)	4.148 ppb	1.7 %	101,027 cps
208Pb (KED)	4.147 ppb	2.2 %	467,782 cps
209Bi (KED)	103.246 %	1.3 %	349,458 cps
232Th (KED)	3.958 ppb	1.9 %	498,634 cps
238U (KED)	4.170 ppb	1.2 %	558,874 cps

Concentrations

12/2/2022 8:00:30 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	ICSA J3MS-3024	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	11/30/2022 9:43:34 AM		

Labbook:	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/2/2022 8:00:15 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	72.221 %	11.7 %	1,257 cps
9Be (KED)	0.004 ppb	623.3 %	1 cps
11B (KED)	0.615 ppb	132.8 %	132 cps
23Na (KED)	10,729.603 ppb	7.3 %	5,296,305 cps
24Mg (KED)	10,949.507 ppb	6.8 %	2,814,100 cps
27Al (KED)	10,952.339 ppb	5.3 %	941,089 cps
39K (KED)	10,188.836 ppb	2.2 %	2,511,780 cps
44Ca (KED)	9,779.165 ppb	0.6 %	163,500 cps
45Sc (KED)	77.586 %	0.3 %	53,758 cps
47Ti (KED)	212.048 ppb	0.4 %	22,953 cps
51V (KED)	0.011 ppb	17.5 %	81 cps
52Cr (KED)	-0.109 ppb	9.0 %	900 cps
54Fe (KED)	10,668.915 ppb	1.1 %	2,869,001 cps
55Mn (KED)	0.032 ppb	51.7 %	1,058 cps
56Fe (KED)	10,608.301 ppb	0.3 %	63,113,357 cps
59Co (KED)	0.084 ppb	1.1 %	1,113 cps
60Ni (KED)	0.559 ppb	1.9 %	1,957 cps
63Cu (KED)	0.041 ppb	4.6 %	940 cps
66Zn (KED)	0.048 ppb	46.0 %	1,001 cps
74Ge (KED)			8,951 cps
75As (KED)	0.041 ppb	9.5 %	55 cps
77Se (KED)	0.026 ppb	173.2 %	3 cps
78Se (KED)	0.088 ppb	124.3 %	19 cps
82Se (KED)	2.627 ppb	14.5 %	590 cps
83Kr (KED)			320 cps
88Sr (KED)	0.049 ppb	62.0 %	380 cps
89Y (KED)	81.268 %	0.5 %	138,324 cps
95Mo (KED)	205.228 ppb	1.5 %	1,198,923 cps
107Ag (KED)	-0.062 ppb	3.1 %	107 cps
109Ag (KED)	-0.057 ppb	0.7 %	100 cps
111Cd (KED)	0.050 ppb	4.2 %	185 cps
115In (KED)	83.948 %	0.6 %	223,400 cps
118Sn (KED)	0.067 ppb	29.6 %	3,539 cps
123Sb (KED)	0.017 ppb	19.6 %	191 cps
125Te (KED)			1 cps
137Ba (KED)	0.006 ppb	41.7 %	92 cps
159Tb (KED)	88.277 %	1.6 %	377,585 cps
205Tl (KED)	0.002 ppb	22.0 %	287 cps
206Pb (KED)	0.046 ppb	6.9 %	1,383 cps
207Pb (KED)	0.048 ppb	1.3 %	1,236 cps
208Pb (KED)	0.045 ppb	3.3 %	5,554 cps
209Bi (KED)	99.460 %	1.5 %	336,643 cps
232Th (KED)	0.153 ppb	6.8 %	19,849 cps
238U (KED)	0.031 ppb	3.7 %	4,031 cps

Concentrations

12/2/2022 8:00:30 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	4562354	Comment	LL 2444
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	11/30/2022 9:54:14 AM		

Labbook:	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/2/2022 8:00:15 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	78.543 %	4.5 %	1,367 cps
9Be (KED)	0.010 ppb	203.0 %	1 cps
11B (KED)	-1.225 ppb	11.4 %	101 cps
23Na (KED)	31.703 ppb	95.8 %	49,348 cps
24Mg (KED)	0.220 ppb	61.6 %	247 cps
27Al (KED)	-1.007 ppb	47.1 %	187 cps
39K (KED)	3.757 ppb	85.1 %	8,166 cps
44Ca (KED)	2.390 ppb	37.5 %	137 cps
45Sc (KED)	79.715 %	0.2 %	55,233 cps
47Ti (KED)	0.002 ppb	753.8 %	6 cps
51V (KED)	0.003 ppb	131.2 %	48 cps
52Cr (KED)	-0.168 ppb	7.7 %	601 cps
54Fe (KED)	-1.196 ppb	5.9 %	382 cps
55Mn (KED)	-0.107 ppb	10.2 %	576 cps
56Fe (KED)	-1.204 ppb	7.4 %	7,302 cps
59Co (KED)	-0.004 ppb	21.2 %	23 cps
60Ni (KED)	0.025 ppb	33.8 %	208 cps
63Cu (KED)	0.017 ppb	64.3 %	742 cps
66Zn (KED)	0.705 ppb	10.8 %	2,115 cps
74Ge (KED)			9,110 cps
75As (KED)	0.000 ppb	670.9 %	18 cps
77Se (KED)	0.025 ppb	173.2 %	3 cps
78Se (KED)	0.050 ppb	154.3 %	14 cps
82Se (KED)	2.044 ppb	30.3 %	522 cps
83Kr (KED)			137 cps
88Sr (KED)	-0.003 ppb	197.7 %	110 cps
89Y (KED)	82.085 %	0.5 %	139,715 cps
95Mo (KED)	0.257 ppb	15.9 %	1,587 cps
107Ag (KED)	-0.062 ppb	3.2 %	113 cps
109Ag (KED)	-0.057 ppb	1.4 %	103 cps
111Cd (KED)	0.001 ppb	20.9 %	3 cps
115In (KED)	86.544 %	1.4 %	230,309 cps
118Sn (KED)	0.143 ppb	5.5 %	4,221 cps
123Sb (KED)	0.002 ppb	121.2 %	91 cps
125Te (KED)			0 cps
137Ba (KED)	0.016 ppb	38.2 %	130 cps
159Tb (KED)	88.849 %	1.0 %	380,030 cps
205Tl (KED)	0.002 ppb	15.3 %	317 cps
206Pb (KED)	0.003 ppb	58.4 %	238 cps
207Pb (KED)	0.004 ppb	65.2 %	208 cps
208Pb (KED)	0.003 ppb	88.9 %	954 cps
209Bi (KED)	101.982 %	0.6 %	345,179 cps
232Th (KED)	-0.009 ppb	7.1 %	270 cps
238U (KED)	0.000 ppb	233.1 %	40 cps

Concentrations

12/2/2022 8:00:30 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	4562355	Comment	LL 2444
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	11/30/2022 10:00:00 AM		

Labbook:	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/2/2022 8:00:15 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	76.053 %	10.6 %	1,323 cps
9Be (KED)	21.010 ppb	11.4 %	971 cps
11B (KED)	23.026 ppb	15.4 %	643 cps
23Na (KED)	4,771.049 ppb	8.9 %	2,479,113 cps
24Mg (KED)	4,870.365 ppb	10.2 %	1,306,464 cps
27Al (KED)	4,886.050 ppb	10.4 %	437,569 cps
39K (KED)	4,691.888 ppb	7.1 %	1,205,410 cps
44Ca (KED)	4,689.632 ppb	8.6 %	81,335 cps
45Sc (KED)	80.649 %	5.1 %	55,880 cps
47Ti (KED)	20.599 ppb	6.8 %	2,316 cps
51V (KED)	21.032 ppb	8.1 %	91,299 cps
52Cr (KED)	21.378 ppb	8.9 %	120,971 cps
54Fe (KED)	4,855.968 ppb	9.0 %	1,349,689 cps
55Mn (KED)	20.496 ppb	8.8 %	76,231 cps
56Fe (KED)	4,813.607 ppb	7.5 %	29,597,963 cps
59Co (KED)	20.315 ppb	8.0 %	259,397 cps
60Ni (KED)	20.489 ppb	7.2 %	69,538 cps
63Cu (KED)	19.756 ppb	8.6 %	186,590 cps
66Zn (KED)	574.508 ppb	8.2 %	968,236 cps
74Ge (KED)			9,971 cps
75As (KED)	21.434 ppb	9.1 %	20,033 cps
77Se (KED)	21.769 ppb	12.5 %	2,884 cps
78Se (KED)	21.032 ppb	7.8 %	2,654 cps
82Se (KED)	23.059 ppb	10.4 %	3,267 cps
83Kr (KED)			2,137 cps
88Sr (KED)	20.845 ppb	10.6 %	110,922 cps
89Y (KED)	83.449 %	7.9 %	142,036 cps
95Mo (KED)	20.613 ppb	8.4 %	123,305 cps
107Ag (KED)	20.134 ppb	8.0 %	501,336 cps
109Ag (KED)	20.035 ppb	9.0 %	494,432 cps
111Cd (KED)	21.023 ppb	9.8 %	78,960 cps
115In (KED)	86.615 %	8.0 %	230,497 cps
118Sn (KED)	20.408 ppb	9.9 %	156,638 cps
123Sb (KED)	21.439 ppb	10.7 %	143,124 cps
125Te (KED)			7 cps
137Ba (KED)	21.043 ppb	9.8 %	69,415 cps
159Tb (KED)	88.476 %	6.2 %	378,434 cps
205Tl (KED)	20.736 ppb	7.3 %	1,662,293 cps
206Pb (KED)	20.862 ppb	9.1 %	553,416 cps
207Pb (KED)	20.739 ppb	8.2 %	478,733 cps
208Pb (KED)	20.751 ppb	8.6 %	2,217,337 cps
209Bi (KED)	98.236 %	6.0 %	332,500 cps
232Th (KED)	20.825 ppb	12.3 %	2,478,707 cps
238U (KED)	21.015 ppb	11.4 %	2,667,707 cps

Concentrations

12/2/2022 8:00:30 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	CCV J3MS-3019	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	11/30/2022 10:51:50 AM		

Labbook:	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/2/2022 8:00:15 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	94.252 %	14.1 %	1,640 cps
9Be (KED)	19.141 ppb	14.0 %	1,083 cps
11B (KED)	18.868 ppb	17.0 %	666 cps
23Na (KED)	4,585.226 ppb	9.8 %	2,783,201 cps
24Mg (KED)	4,640.102 ppb	11.0 %	1,448,282 cps
27Al (KED)	4,715.538 ppb	9.6 %	486,914 cps
39K (KED)	4,635.515 ppb	4.8 %	1,319,331 cps
44Ca (KED)	4,771.318 ppb	5.9 %	90,118 cps
45Sc (KED)	87.406 %	3.9 %	60,562 cps
47Ti (KED)	20.363 ppb	5.2 %	2,482 cps
51V (KED)	20.588 ppb	5.3 %	96,871 cps
52Cr (KED)	20.939 ppb	4.7 %	128,469 cps
54Fe (KED)	4,640.886 ppb	5.1 %	1,397,818 cps
55Mn (KED)	20.268 ppb	4.7 %	81,680 cps
56Fe (KED)	4,799.121 ppb	5.1 %	31,944,574 cps
59Co (KED)	20.237 ppb	3.6 %	279,695 cps
60Ni (KED)	20.311 ppb	3.1 %	74,589 cps
63Cu (KED)	19.338 ppb	3.2 %	197,605 cps
66Zn (KED)	534.569 ppb	3.6 %	973,897 cps
74Ge (KED)			10,626 cps
75As (KED)	20.549 ppb	4.2 %	20,729 cps
77Se (KED)	21.426 ppb	10.7 %	3,060 cps
78Se (KED)	20.233 ppb	5.7 %	2,751 cps
82Se (KED)	22.045 ppb	1.8 %	3,380 cps
83Kr (KED)			1,853 cps
88Sr (KED)	20.784 ppb	3.6 %	119,154 cps
89Y (KED)	89.423 %	2.5 %	152,205 cps
95Mo (KED)	20.502 ppb	2.1 %	131,595 cps
107Ag (KED)	19.955 ppb	1.9 %	530,064 cps
109Ag (KED)	19.983 ppb	2.0 %	525,842 cps
111Cd (KED)	20.486 ppb	2.3 %	81,999 cps
115In (KED)	91.693 %	2.5 %	244,010 cps
118Sn (KED)	20.575 ppb	2.7 %	167,950 cps
123Sb (KED)	21.059 ppb	2.4 %	149,594 cps
125Te (KED)			3 cps
137Ba (KED)	21.084 ppb	2.4 %	73,946 cps
159Tb (KED)	93.684 %	2.1 %	400,710 cps
205Tl (KED)	20.535 ppb	1.8 %	1,764,222 cps
206Pb (KED)	20.577 ppb	2.2 %	585,488 cps
207Pb (KED)	20.344 ppb	2.2 %	503,576 cps
208Pb (KED)	20.557 ppb	2.3 %	2,356,446 cps
209Bi (KED)	105.082 %	2.5 %	355,672 cps
232Th (KED)	20.841 ppb	4.2 %	2,664,800 cps
238U (KED)	20.848 ppb	4.4 %	2,841,777 cps

Concentrations

12/2/2022 8:00:30 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	CCB J3MS-3025 J3MS-3029	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	11/30/2022 10:57:37 AM		

Labbook:	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/2/2022 8:00:15 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	85.440 %	4.6 %	1,487 cps
9Be (KED)	0.002 ppb	486.0 %	1 cps
11B (KED)	-0.748 ppb	58.9 %	122 cps
23Na (KED)	-28.704 ppb	6.0 %	19,605 cps
24Mg (KED)	0.001 ppb	10,368.4 %	203 cps
27Al (KED)	0.889 ppb	23.5 %	390 cps
39K (KED)	-3.726 ppb	8.1 %	6,812 cps
44Ca (KED)	2.987 ppb	76.7 %	160 cps
45Sc (KED)	86.718 %	0.6 %	60,085 cps
47Ti (KED)	0.007 ppb	368.1 %	7 cps
51V (KED)	0.002 ppb	51.3 %	44 cps
52Cr (KED)	-0.012 ppb	16.6 %	1,580 cps
54Fe (KED)	0.104 ppb	381.6 %	804 cps
55Mn (KED)	-0.148 ppb	7.6 %	462 cps
56Fe (KED)	-0.038 ppb	94.2 %	15,640 cps
59Co (KED)	-0.003 ppb	12.2 %	37 cps
60Ni (KED)	-0.006 ppb	107.0 %	115 cps
63Cu (KED)	-0.018 ppb	28.4 %	449 cps
66Zn (KED)	-0.073 ppb	25.5 %	889 cps
74Ge (KED)			9,629 cps
75As (KED)	0.005 ppb	83.8 %	23 cps
77Se (KED)	0.000 ppb	N/A	0 cps
78Se (KED)	0.082 ppb	79.1 %	20 cps
82Se (KED)	2.778 ppb	14.5 %	669 cps
83Kr (KED)			280 cps
88Sr (KED)	0.000 ppb	2,504.5 %	137 cps
89Y (KED)	88.951 %	0.6 %	151,402 cps
95Mo (KED)	0.108 ppb	32.0 %	753 cps
107Ag (KED)	-0.064 ppb	0.3 %	73 cps
109Ag (KED)	-0.059 ppb	0.8 %	48 cps
111Cd (KED)	0.000 ppb	114.4 %	1 cps
115In (KED)	92.191 %	0.6 %	245,336 cps
118Sn (KED)	0.043 ppb	34.5 %	3,687 cps
123Sb (KED)	0.006 ppb	93.8 %	129 cps
125Te (KED)			0 cps
137Ba (KED)	0.004 ppb	73.0 %	94 cps
159Tb (KED)	93.561 %	1.6 %	400,185 cps
205Tl (KED)	0.002 ppb	68.2 %	287 cps
206Pb (KED)	-0.002 ppb	31.0 %	120 cps
207Pb (KED)	0.001 ppb	30.4 %	143 cps
208Pb (KED)	-0.001 ppb	31.3 %	586 cps
209Bi (KED)	107.536 %	0.5 %	363,979 cps
232Th (KED)	0.028 ppb	11.2 %	5,098 cps
238U (KED)	0.000 ppb	145.8 %	80 cps

Concentrations

12/2/2022 8:00:30 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	J2215752002	Comment	LL 2444
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	11/30/2022 11:55:15 AM		

Labbook:	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/2/2022 8:00:15 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	62.642 %	7.5 %	1,090 cps
9Be (KED)	0.015 ppb	163.4 %	1 cps
11B (KED)	4.372 ppb	27.2 %	184 cps
23Na (KED)	4,856.650 ppb	5.8 %	2,091,435 cps
24Mg (KED)	1,381.543 ppb	5.1 %	307,651 cps
27Al (KED)	5.922 ppb	25.6 %	667 cps
39K (KED)	141.842 ppb	0.5 %	36,099 cps
44Ca (KED)	3,583.462 ppb	1.9 %	51,697 cps
45Sc (KED)	66.884 %	2.0 %	46,343 cps
47Ti (KED)	0.177 ppb	98.4 %	21 cps
51V (KED)	0.087 ppb	5.2 %	351 cps
52Cr (KED)	-0.016 ppb	76.2 %	1,237 cps
54Fe (KED)	15,246.869 ppb	0.7 %	3,646,567 cps
55Mn (KED)	2,459.258 ppb	0.9 %	7,801,442 cps
56Fe (KED)	14,343.128 ppb	0.7 %	76,409,119 cps
59Co (KED)	22.216 ppb	1.4 %	248,585 cps
60Ni (KED)	4.868 ppb	1.8 %	14,613 cps
63Cu (KED)	0.267 ppb	2.5 %	2,758 cps
66Zn (KED)	17.983 ppb	1.5 %	28,059 cps
74Ge (KED)			7,841 cps
75As (KED)	5.466 ppb	0.5 %	4,749 cps
77Se (KED)	0.027 ppb	173.2 %	3 cps
78Se (KED)	0.143 ppb	85.1 %	24 cps
82Se (KED)	1.458 ppb	4.5 %	429 cps
83Kr (KED)			223 cps
88Sr (KED)	11.368 ppb	2.0 %	58,604 cps
89Y (KED)	80.581 %	1.2 %	137,155 cps
95Mo (KED)	0.032 ppb	15.9 %	240 cps
107Ag (KED)	-0.063 ppb	2.2 %	77 cps
109Ag (KED)	-0.059 ppb	0.6 %	49 cps
111Cd (KED)	0.006 ppb	10.1 %	19 cps
115In (KED)	76.677 %	1.2 %	204,052 cps
118Sn (KED)	0.271 ppb	6.1 %	4,606 cps
123Sb (KED)	0.038 ppb	2.8 %	297 cps
125Te (KED)			6 cps
137Ba (KED)	41.992 ppb	0.8 %	125,625 cps
159Tb (KED)	81.478 %	0.5 %	348,505 cps
205Tl (KED)	0.005 ppb	5.6 %	517 cps
206Pb (KED)	0.321 ppb	0.9 %	8,427 cps
207Pb (KED)	0.307 ppb	1.1 %	6,998 cps
208Pb (KED)	0.308 ppb	0.5 %	32,608 cps
209Bi (KED)	95.361 %	0.4 %	322,769 cps
232Th (KED)	0.005 ppb	63.2 %	1,893 cps
238U (KED)	0.010 ppb	12.2 %	1,300 cps

Concentrations

12/2/2022 8:00:30 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	CCV J3MS-3019	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	11/30/2022 12:01:01 PM		

Labbook:	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/2/2022 8:00:15 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	63.408 %	9.3 %	1,103 cps
9Be (KED)	21.286 ppb	8.0 %	825 cps
11B (KED)	22.304 ppb	7.9 %	526 cps
23Na (KED)	5,034.784 ppb	5.0 %	2,218,443 cps
24Mg (KED)	4,750.777 ppb	4.5 %	1,083,357 cps
27Al (KED)	4,804.697 ppb	5.0 %	366,637 cps
39K (KED)	4,520.600 ppb	3.1 %	997,774 cps
44Ca (KED)	4,596.906 ppb	3.3 %	68,766 cps
45Sc (KED)	69.427 %	1.5 %	48,105 cps
47Ti (KED)	21.278 ppb	5.3 %	2,066 cps
51V (KED)	21.186 ppb	2.0 %	79,696 cps
52Cr (KED)	21.449 ppb	2.3 %	105,263 cps
54Fe (KED)	4,820.865 ppb	2.5 %	1,163,742 cps
55Mn (KED)	20.104 ppb	2.5 %	64,989 cps
56Fe (KED)	4,752.594 ppb	2.5 %	25,398,456 cps
59Co (KED)	19.659 ppb	2.6 %	218,633 cps
60Ni (KED)	19.668 ppb	2.3 %	58,168 cps
63Cu (KED)	18.935 ppb	2.2 %	156,238 cps
66Zn (KED)	527.647 ppb	2.2 %	778,241 cps
74Ge (KED)			8,632 cps
75As (KED)	19.899 ppb	1.1 %	16,377 cps
77Se (KED)	18.739 ppb	6.0 %	2,190 cps
78Se (KED)	20.280 ppb	5.6 %	2,256 cps
82Se (KED)	22.405 ppb	0.3 %	2,815 cps
83Kr (KED)			1,613 cps
88Sr (KED)	20.793 ppb	1.1 %	98,299 cps
89Y (KED)	73.768 %	0.4 %	125,559 cps
95Mo (KED)	19.974 ppb	1.8 %	106,492 cps
107Ag (KED)	19.528 ppb	0.6 %	436,475 cps
109Ag (KED)	19.435 ppb	1.0 %	431,278 cps
111Cd (KED)	20.276 ppb	1.4 %	68,582 cps
115In (KED)	77.778 %	0.0 %	206,982 cps
118Sn (KED)	20.430 ppb	2.0 %	141,878 cps
123Sb (KED)	20.765 ppb	1.5 %	125,998 cps
125Te (KED)			13 cps
137Ba (KED)	20.667 ppb	1.4 %	62,614 cps
159Tb (KED)	82.298 %	0.6 %	352,009 cps
205Tl (KED)	20.319 ppb	1.5 %	1,580,895 cps
206Pb (KED)	20.266 ppb	0.1 %	522,576 cps
207Pb (KED)	20.278 ppb	1.8 %	455,142 cps
208Pb (KED)	20.198 ppb	0.7 %	2,100,734 cps
209Bi (KED)	95.361 %	0.2 %	322,772 cps
232Th (KED)	20.673 ppb	1.2 %	2,400,400 cps
238U (KED)	20.769 ppb	0.5 %	2,570,906 cps

Concentrations

12/2/2022 8:00:30 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	CCB J3MS-3025 J3MS-3029	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	11/30/2022 12:06:48 PM		

Labbook:	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/2/2022 8:00:15 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	67.240 %	8.4 %	1,170 cps
9Be (KED)	-0.010 ppb	0.0 %	0 cps
11B (KED)	-0.168 ppb	426.4 %	108 cps
23Na (KED)	-29.066 ppb	2.4 %	15,687 cps
24Mg (KED)	-0.058 ppb	192.8 %	150 cps
27Al (KED)	-0.034 ppb	638.1 %	243 cps
39K (KED)	-6.576 ppb	16.5 %	4,991 cps
44Ca (KED)	1.276 ppb	210.3 %	107 cps
45Sc (KED)	72.478 %	1.0 %	50,219 cps
47Ti (KED)	-0.015 ppb	224.1 %	3 cps
51V (KED)	0.000 ppb	4,356.7 %	31 cps
52Cr (KED)	0.012 ppb	49.3 %	1,446 cps
54Fe (KED)	0.092 ppb	217.4 %	672 cps
55Mn (KED)	-0.153 ppb	13.3 %	372 cps
56Fe (KED)	-0.018 ppb	52.2 %	13,264 cps
59Co (KED)	-0.003 ppb	47.4 %	33 cps
60Ni (KED)	-0.007 ppb	27.6 %	93 cps
63Cu (KED)	-0.020 ppb	17.5 %	360 cps
66Zn (KED)	-0.045 ppb	30.3 %	794 cps
74Ge (KED)			8,109 cps
75As (KED)	0.003 ppb	241.9 %	19 cps
77Se (KED)	0.000 ppb	N/A	0 cps
78Se (KED)	0.021 ppb	238.7 %	10 cps
82Se (KED)	2.993 ppb	23.2 %	596 cps
83Kr (KED)			190 cps
88Sr (KED)	-0.004 ppb	89.0 %	100 cps
89Y (KED)	76.102 %	1.1 %	129,532 cps
95Mo (KED)	0.076 ppb	27.1 %	477 cps
107Ag (KED)	-0.065 ppb	0.4 %	43 cps
109Ag (KED)	-0.060 ppb	0.8 %	38 cps
111Cd (KED)	0.000 ppb	173.2 %	1 cps
115In (KED)	80.592 %	0.7 %	214,470 cps
118Sn (KED)	0.024 ppb	48.7 %	3,094 cps
123Sb (KED)	0.005 ppb	3.6 %	109 cps
125Te (KED)			1 cps
137Ba (KED)	0.003 ppb	41.0 %	81 cps
159Tb (KED)	83.692 %	0.5 %	357,974 cps
205Tl (KED)	0.001 ppb	21.5 %	240 cps
206Pb (KED)	0.000 ppb	104.7 %	147 cps
207Pb (KED)	0.001 ppb	83.6 %	139 cps
208Pb (KED)	-0.001 ppb	15.6 %	583 cps
209Bi (KED)	99.240 %	0.7 %	335,900 cps
232Th (KED)	0.018 ppb	24.1 %	3,544 cps
238U (KED)	0.001 ppb	35.3 %	117 cps

Concentrations

12/2/2022 8:00:30 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	J2215752002SD 5X	Comment	LL 2444
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	11/30/2022 12:12:32 PM		

Labbook:	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/2/2022 8:00:15 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	71.838 %	6.9 %	1,250 cps
9Be (KED)	-0.003 ppb	342.7 %	0 cps
11B (KED)	-0.631 ppb	59.3 %	104 cps
23Na (KED)	864.635 ppb	1.9 %	435,340 cps
24Mg (KED)	255.522 ppb	1.3 %	62,788 cps
27Al (KED)	1.893 ppb	48.7 %	403 cps
39K (KED)	21.204 ppb	3.6 %	11,168 cps
44Ca (KED)	703.944 ppb	4.3 %	10,748 cps
45Sc (KED)	70.155 %	0.8 %	48,609 cps
47Ti (KED)	0.054 ppb	108.3 %	10 cps
51V (KED)	0.017 ppb	22.2 %	93 cps
52Cr (KED)	-0.011 ppb	72.4 %	1,296 cps
54Fe (KED)	2,955.682 ppb	0.8 %	723,901 cps
55Mn (KED)	497.600 ppb	1.2 %	1,611,690 cps
56Fe (KED)	2,887.236 ppb	1.1 %	15,666,475 cps
59Co (KED)	4.593 ppb	0.5 %	51,967 cps
60Ni (KED)	0.949 ppb	2.2 %	2,960 cps
63Cu (KED)	0.045 ppb	21.7 %	901 cps
66Zn (KED)	4.175 ppb	5.3 %	7,112 cps
74Ge (KED)			7,906 cps
75As (KED)	1.086 ppb	4.4 %	929 cps
77Se (KED)	0.000 ppb	N/A	0 cps
78Se (KED)	-0.007 ppb	428.3 %	7 cps
82Se (KED)	2.131 ppb	14.4 %	489 cps
83Kr (KED)			170 cps
88Sr (KED)	2.595 ppb	2.6 %	12,707 cps
89Y (KED)	75.784 %	1.8 %	128,990 cps
95Mo (KED)	0.027 ppb	59.6 %	203 cps
107Ag (KED)	-0.064 ppb	1.4 %	57 cps
109Ag (KED)	-0.059 ppb	0.8 %	51 cps
111Cd (KED)	0.001 ppb	12.0 %	5 cps
115In (KED)	78.749 %	0.6 %	209,564 cps
118Sn (KED)	0.044 ppb	15.7 %	3,156 cps
123Sb (KED)	0.008 ppb	15.0 %	120 cps
125Te (KED)			4 cps
137Ba (KED)	8.500 ppb	0.6 %	25,791 cps
159Tb (KED)	81.308 %	0.4 %	347,777 cps
205Tl (KED)	0.001 ppb	45.9 %	248 cps
206Pb (KED)	0.062 ppb	5.2 %	1,760 cps
207Pb (KED)	0.064 ppb	3.3 %	1,563 cps
208Pb (KED)	0.062 ppb	2.5 %	7,169 cps
209Bi (KED)	96.790 %	0.2 %	327,608 cps
232Th (KED)	0.012 ppb	25.3 %	2,684 cps
238U (KED)	0.002 ppb	31.7 %	283 cps

Concentrations

12/2/2022 8:00:30 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	4562356	Comment	LL 2444
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	11/30/2022 12:18:18 PM		

Labbook:	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/2/2022 8:00:15 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	61.493 %	8.9 %	1,070 cps
9Be (KED)	19.139 ppb	12.9 %	718 cps
11B (KED)	26.054 ppb	16.0 %	573 cps
23Na (KED)	9,431.674 ppb	5.4 %	3,927,265 cps
24Mg (KED)	5,807.320 ppb	5.0 %	1,257,149 cps
27Al (KED)	4,549.468 ppb	3.0 %	328,679 cps
39K (KED)	4,542.875 ppb	1.2 %	936,482 cps
44Ca (KED)	8,022.637 ppb	0.7 %	111,432 cps
45Sc (KED)	64.407 %	0.5 %	44,626 cps
47Ti (KED)	20.555 ppb	6.3 %	1,863 cps
51V (KED)	20.204 ppb	0.6 %	71,815 cps
52Cr (KED)	20.791 ppb	1.2 %	96,712 cps
54Fe (KED)	19,336.739 ppb	0.6 %	4,448,409 cps
55Mn (KED)	2,426.426 ppb	0.6 %	7,403,258 cps
56Fe (KED)	18,364.890 ppb	0.9 %	94,082,399 cps
59Co (KED)	39.889 ppb	0.5 %	429,037 cps
60Ni (KED)	22.779 ppb	0.7 %	65,331 cps
63Cu (KED)	17.548 ppb	0.3 %	141,676 cps
66Zn (KED)	523.643 ppb	0.3 %	761,812 cps
74Ge (KED)			8,029 cps
75As (KED)	23.447 ppb	1.7 %	19,494 cps
77Se (KED)	17.414 ppb	6.0 %	2,067 cps
78Se (KED)	18.043 ppb	2.9 %	2,045 cps
82Se (KED)	18.264 ppb	4.3 %	2,405 cps
83Kr (KED)			1,497 cps
88Sr (KED)	29.662 ppb	1.1 %	146,363 cps
89Y (KED)	77.211 %	0.6 %	131,419 cps
95Mo (KED)	17.935 ppb	1.3 %	97,664 cps
107Ag (KED)	18.108 ppb	0.4 %	393,696 cps
109Ag (KED)	18.357 ppb	0.3 %	392,957 cps
111Cd (KED)	19.780 ppb	0.7 %	64,007 cps
115In (KED)	73.200 %	0.5 %	194,798 cps
118Sn (KED)	20.463 ppb	0.6 %	133,900 cps
123Sb (KED)	21.039 ppb	0.3 %	120,522 cps
125Te (KED)			9 cps
137Ba (KED)	62.514 ppb	0.6 %	179,651 cps
159Tb (KED)	78.744 %	1.1 %	336,810 cps
205Tl (KED)	19.950 ppb	1.0 %	1,478,365 cps
206Pb (KED)	20.160 ppb	0.5 %	495,036 cps
207Pb (KED)	20.392 ppb	0.8 %	435,794 cps
208Pb (KED)	20.286 ppb	0.3 %	2,008,718 cps
209Bi (KED)	90.786 %	1.1 %	307,287 cps
232Th (KED)	20.776 ppb	1.1 %	2,296,517 cps
238U (KED)	20.939 ppb	0.5 %	2,467,779 cps

Concentrations

12/2/2022 8:00:30 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	4562357	Comment	LL 2444
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	11/30/2022 12:24:05 PM		

Labbook:	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/2/2022 8:00:15 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	56.703 %	5.8 %	987 cps
9Be (KED)	21.258 ppb	3.2 %	741 cps
11B (KED)	28.580 ppb	3.3 %	580 cps
23Na (KED)	9,866.415 ppb	1.8 %	3,924,184 cps
24Mg (KED)	6,119.539 ppb	2.4 %	1,267,751 cps
27Al (KED)	4,821.610 ppb	1.0 %	335,155 cps
39K (KED)	4,639.304 ppb	0.3 %	940,358 cps
44Ca (KED)	8,007.574 ppb	1.6 %	110,349 cps
45Sc (KED)	64.018 %	1.3 %	44,356 cps
47Ti (KED)	20.581 ppb	4.7 %	1,856 cps
51V (KED)	20.510 ppb	1.7 %	72,557 cps
52Cr (KED)	21.153 ppb	1.1 %	97,953 cps
54Fe (KED)	19,439.937 ppb	1.0 %	4,453,825 cps
55Mn (KED)	2,424.848 ppb	0.9 %	7,369,588 cps
56Fe (KED)	18,324.587 ppb	0.8 %	93,532,765 cps
59Co (KED)	39.897 ppb	1.3 %	427,810 cps
60Ni (KED)	22.904 ppb	1.6 %	65,497 cps
63Cu (KED)	17.872 ppb	0.6 %	143,966 cps
66Zn (KED)	531.052 ppb	0.5 %	771,339 cps
74Ge (KED)			7,897 cps
75As (KED)	23.853 ppb	0.5 %	19,834 cps
77Se (KED)	19.201 ppb	8.1 %	2,280 cps
78Se (KED)	18.639 ppb	3.7 %	2,114 cps
82Se (KED)	18.820 ppb	7.5 %	2,474 cps
83Kr (KED)			1,490 cps
88Sr (KED)	29.977 ppb	1.5 %	148,245 cps
89Y (KED)	77.405 %	1.2 %	131,749 cps
95Mo (KED)	18.039 ppb	0.5 %	98,608 cps
107Ag (KED)	18.411 ppb	0.9 %	402,983 cps
109Ag (KED)	18.565 ppb	0.8 %	400,297 cps
111Cd (KED)	19.985 ppb	0.7 %	65,173 cps
115In (KED)	73.847 %	0.5 %	196,518 cps
118Sn (KED)	20.670 ppb	0.1 %	136,369 cps
123Sb (KED)	21.277 ppb	0.8 %	122,833 cps
125Te (KED)			18 cps
137Ba (KED)	62.290 ppb	0.9 %	180,080 cps
159Tb (KED)	79.011 %	0.7 %	337,953 cps
205Tl (KED)	20.151 ppb	1.4 %	1,508,309 cps
206Pb (KED)	20.453 ppb	1.0 %	507,385 cps
207Pb (KED)	20.624 ppb	0.6 %	445,356 cps
208Pb (KED)	20.484 ppb	0.8 %	2,049,723 cps
209Bi (KED)	91.751 %	0.5 %	310,552 cps
232Th (KED)	21.035 ppb	1.6 %	2,349,907 cps
238U (KED)	21.297 ppb	1.6 %	2,536,474 cps

Concentrations

12/2/2022 8:00:30 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	J2215752002PS	Comment	LL 2444
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	11/30/2022 12:29:52 PM		

Labbook:	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/2/2022 8:00:15 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	54.596 %	17.3 %	950 cps
9Be (KED)	22.910 ppb	19.4 %	753 cps
11B (KED)	29.508 ppb	15.8 %	568 cps
23Na (KED)	10,043.136 ppb	12.7 %	3,850,775 cps
24Mg (KED)	6,177.019 ppb	15.4 %	1,232,013 cps
27Al (KED)	4,856.112 ppb	14.7 %	325,960 cps
39K (KED)	4,631.578 ppb	10.1 %	918,139 cps
44Ca (KED)	8,054.429 ppb	12.4 %	108,787 cps
45Sc (KED)	63.253 %	9.1 %	43,827 cps
47Ti (KED)	22.259 ppb	17.7 %	1,961 cps
51V (KED)	21.131 ppb	12.5 %	73,318 cps
52Cr (KED)	21.650 ppb	11.7 %	98,360 cps
54Fe (KED)	19,513.702 ppb	12.4 %	4,384,702 cps
55Mn (KED)	2,443.469 ppb	11.3 %	7,287,418 cps
56Fe (KED)	18,540.205 ppb	12.5 %	92,802,542 cps
59Co (KED)	40.489 ppb	11.0 %	426,121 cps
60Ni (KED)	23.379 ppb	11.0 %	65,623 cps
63Cu (KED)	18.308 ppb	10.5 %	144,767 cps
66Zn (KED)	533.031 ppb	11.0 %	759,806 cps
74Ge (KED)			7,959 cps
75As (KED)	24.331 ppb	10.8 %	19,855 cps
77Se (KED)	17.563 ppb	8.2 %	2,050 cps
78Se (KED)	18.723 ppb	15.2 %	2,079 cps
82Se (KED)	18.744 ppb	12.0 %	2,419 cps
83Kr (KED)			1,377 cps
88Sr (KED)	30.134 ppb	9.9 %	146,301 cps
89Y (KED)	76.310 %	6.5 %	129,885 cps
95Mo (KED)	18.654 ppb	11.3 %	100,071 cps
107Ag (KED)	18.676 ppb	8.1 %	402,055 cps
109Ag (KED)	18.821 ppb	9.2 %	399,000 cps
111Cd (KED)	20.395 ppb	11.4 %	65,323 cps
115In (KED)	72.989 %	8.1 %	194,236 cps
118Sn (KED)	20.951 ppb	12.6 %	135,667 cps
123Sb (KED)	21.666 ppb	12.0 %	122,804 cps
125Te (KED)			6 cps
137Ba (KED)	62.706 ppb	11.0 %	178,034 cps
159Tb (KED)	78.143 %	10.2 %	334,236 cps
205Tl (KED)	20.587 ppb	9.5 %	1,513,303 cps
206Pb (KED)	20.872 ppb	10.7 %	508,055 cps
207Pb (KED)	20.789 ppb	11.2 %	440,394 cps
208Pb (KED)	20.737 ppb	10.6 %	2,036,258 cps
209Bi (KED)	90.595 %	8.7 %	306,637 cps
232Th (KED)	21.587 ppb	13.4 %	2,362,706 cps
238U (KED)	21.302 ppb	10.9 %	2,489,397 cps

Concentrations

12/2/2022 8:00:30 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	J2215752003	Comment	LL 2444
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	11/30/2022 12:35:39 PM		

Labbook:	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/2/2022 8:00:15 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	59.960 %	8.9 %	1,043 cps
9Be (KED)	0.019 ppb	269.5 %	1 cps
11B (KED)	6.505 ppb	4.8 %	216 cps
23Na (KED)	8,250.634 ppb	4.7 %	3,403,112 cps
24Mg (KED)	938.038 ppb	3.6 %	201,300 cps
27Al (KED)	117.983 ppb	4.3 %	8,673 cps
39K (KED)	204.689 ppb	1.9 %	47,858 cps
44Ca (KED)	1,368.781 ppb	3.8 %	19,208 cps
45Sc (KED)	64.890 %	0.8 %	44,961 cps
47Ti (KED)	1.457 ppb	10.2 %	137 cps
51V (KED)	0.383 ppb	1.9 %	1,383 cps
52Cr (KED)	0.248 ppb	6.4 %	2,379 cps
54Fe (KED)	7,332.412 ppb	1.2 %	1,673,691 cps
55Mn (KED)	3,149.786 ppb	1.0 %	9,517,046 cps
56Fe (KED)	6,912.651 ppb	0.7 %	35,020,402 cps
59Co (KED)	3.043 ppb	0.7 %	32,265 cps
60Ni (KED)	0.991 ppb	2.1 %	2,892 cps
63Cu (KED)	0.381 ppb	4.2 %	3,488 cps
66Zn (KED)	30.224 ppb	0.1 %	43,542 cps
74Ge (KED)			7,510 cps
75As (KED)	0.833 ppb	3.6 %	679 cps
77Se (KED)	0.234 ppb	21.1 %	27 cps
78Se (KED)	0.099 ppb	73.5 %	18 cps
82Se (KED)	1.176 ppb	36.1 %	359 cps
83Kr (KED)			117 cps
88Sr (KED)	12.615 ppb	2.6 %	58,775 cps
89Y (KED)	72.716 %	0.8 %	123,768 cps
95Mo (KED)	0.146 ppb	16.2 %	817 cps
107Ag (KED)	-0.061 ppb	3.1 %	133 cps
109Ag (KED)	-0.056 ppb	1.7 %	120 cps
111Cd (KED)	0.029 ppb	11.5 %	95 cps
115In (KED)	74.867 %	1.3 %	199,235 cps
118Sn (KED)	0.384 ppb	5.3 %	5,238 cps
123Sb (KED)	0.052 ppb	16.7 %	371 cps
125Te (KED)			1 cps
137Ba (KED)	15.434 ppb	1.7 %	45,167 cps
159Tb (KED)	79.689 %	1.5 %	340,853 cps
205Tl (KED)	0.009 ppb	10.6 %	793 cps
206Pb (KED)	1.008 ppb	2.6 %	25,561 cps
207Pb (KED)	0.980 ppb	1.2 %	21,617 cps
208Pb (KED)	0.981 ppb	1.6 %	100,388 cps
209Bi (KED)	93.368 %	1.4 %	316,026 cps
232Th (KED)	0.084 ppb	2.7 %	10,781 cps
238U (KED)	0.073 ppb	5.1 %	8,860 cps

Concentrations

12/2/2022 8:00:30 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	J2215752005	Comment	LL 2444
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	11/30/2022 12:41:24 PM		

Labbook:	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/2/2022 8:00:15 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	66.282 %	4.8 %	1,153 cps
9Be (KED)	0.030 ppb	121.2 %	2 cps
11B (KED)	5.916 ppb	25.6 %	224 cps
23Na (KED)	2,455.958 ppb	3.4 %	1,112,080 cps
24Mg (KED)	800.304 ppb	4.2 %	184,859 cps
27Al (KED)	254.112 ppb	7.0 %	19,739 cps
39K (KED)	618.404 ppb	3.3 %	139,825 cps
44Ca (KED)	13,564.599 ppb	2.2 %	198,184 cps
45Sc (KED)	67.731 %	0.2 %	46,929 cps
47Ti (KED)	3.602 ppb	10.9 %	346 cps
51V (KED)	3.698 ppb	2.4 %	13,665 cps
52Cr (KED)	2.064 ppb	2.0 %	11,046 cps
54Fe (KED)	797.691 ppb	0.3 %	189,832 cps
55Mn (KED)	7.335 ppb	2.0 %	23,859 cps
56Fe (KED)	770.671 ppb	3.5 %	4,066,295 cps
59Co (KED)	0.219 ppb	6.5 %	2,466 cps
60Ni (KED)	1.351 ppb	4.3 %	4,050 cps
63Cu (KED)	10.445 ppb	2.3 %	85,579 cps
66Zn (KED)	41.328 ppb	1.5 %	61,272 cps
74Ge (KED)			7,701 cps
75As (KED)	0.528 ppb	2.5 %	450 cps
77Se (KED)	0.143 ppb	69.8 %	17 cps
78Se (KED)	0.144 ppb	95.8 %	23 cps
82Se (KED)	1.385 ppb	22.3 %	393 cps
83Kr (KED)			177 cps
88Sr (KED)	256.850 ppb	0.7 %	1,224,453 cps
89Y (KED)	74.524 %	0.6 %	126,845 cps
95Mo (KED)	1.462 ppb	0.3 %	7,893 cps
107Ag (KED)	-0.052 ppb	6.7 %	340 cps
109Ag (KED)	-0.048 ppb	1.4 %	286 cps
111Cd (KED)	0.026 ppb	6.0 %	88 cps
115In (KED)	77.285 %	0.6 %	205,669 cps
118Sn (KED)	0.500 ppb	2.6 %	6,182 cps
123Sb (KED)	0.564 ppb	4.5 %	3,458 cps
125Te (KED)			0 cps
137Ba (KED)	55.952 ppb	1.7 %	166,549 cps
159Tb (KED)	80.102 %	1.0 %	342,617 cps
205Tl (KED)	0.016 ppb	3.7 %	1,420 cps
206Pb (KED)	1.839 ppb	2.5 %	47,691 cps
207Pb (KED)	1.771 ppb	1.6 %	39,975 cps
208Pb (KED)	1.784 ppb	1.6 %	186,842 cps
209Bi (KED)	95.788 %	0.8 %	324,215 cps
232Th (KED)	0.015 ppb	23.5 %	3,004 cps
238U (KED)	0.192 ppb	2.6 %	23,886 cps

Concentrations

12/2/2022 8:00:30 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	CCV J3MS-3019	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	11/30/2022 12:47:11 PM		

Labbook:	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/2/2022 8:00:15 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	54.021 %	8.4 %	940 cps
9Be (KED)	22.681 ppb	14.3 %	752 cps
11B (KED)	23.743 ppb	8.5 %	480 cps
23Na (KED)	5,239.808 ppb	5.9 %	2,069,227 cps
24Mg (KED)	4,982.735 ppb	5.0 %	1,021,718 cps
27Al (KED)	4,968.348 ppb	3.9 %	343,977 cps
39K (KED)	4,584.917 ppb	2.9 %	947,056 cps
44Ca (KED)	4,626.602 ppb	2.5 %	65,589 cps
45Sc (KED)	65.941 %	1.0 %	45,689 cps
47Ti (KED)	20.430 ppb	2.6 %	1,887 cps
51V (KED)	20.948 ppb	1.4 %	75,109 cps
52Cr (KED)	21.533 ppb	2.4 %	100,768 cps
54Fe (KED)	4,864.936 ppb	1.5 %	1,121,159 cps
55Mn (KED)	20.034 ppb	1.2 %	61,868 cps
56Fe (KED)	4,648.696 ppb	1.1 %	23,743,961 cps
59Co (KED)	19.467 ppb	0.6 %	207,257 cps
60Ni (KED)	19.547 ppb	0.4 %	55,371 cps
63Cu (KED)	18.779 ppb	2.1 %	148,656 cps
66Zn (KED)	526.386 ppb	1.4 %	745,988 cps
74Ge (KED)			8,257 cps
75As (KED)	19.808 ppb	1.2 %	15,737 cps
77Se (KED)	19.632 ppb	4.6 %	2,217 cps
78Se (KED)	19.409 ppb	4.9 %	2,088 cps
82Se (KED)	20.230 ppb	5.8 %	2,484 cps
83Kr (KED)			1,400 cps
88Sr (KED)	20.366 ppb	2.2 %	93,546 cps
89Y (KED)	71.707 %	0.2 %	122,051 cps
95Mo (KED)	19.923 ppb	1.7 %	103,363 cps
107Ag (KED)	19.217 ppb	0.3 %	418,878 cps
109Ag (KED)	19.429 ppb	0.3 %	420,542 cps
111Cd (KED)	20.032 ppb	0.6 %	66,117 cps
115In (KED)	75.944 %	1.2 %	202,101 cps
118Sn (KED)	20.557 ppb	0.8 %	139,446 cps
123Sb (KED)	20.692 ppb	0.3 %	122,738 cps
125Te (KED)			8 cps
137Ba (KED)	20.626 ppb	0.9 %	61,213 cps
159Tb (KED)	80.850 %	1.4 %	345,817 cps
205Tl (KED)	20.192 ppb	2.8 %	1,545,215 cps
206Pb (KED)	20.098 ppb	1.6 %	509,802 cps
207Pb (KED)	20.182 ppb	2.8 %	445,609 cps
208Pb (KED)	20.136 ppb	1.9 %	2,060,158 cps
209Bi (KED)	93.826 %	1.4 %	317,573 cps
232Th (KED)	21.149 ppb	1.5 %	2,415,794 cps
238U (KED)	21.053 ppb	2.1 %	2,563,670 cps

Concentrations

12/2/2022 8:00:30 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	CCB J3MS-3025 J3MS-3029	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	11/30/2022 12:52:58 PM		

Labbook:	221130R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	11/30/2022 8:21:47 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/2/2022 8:00:15 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	62.450 %	11.2 %	1,087 cps
9Be (KED)	0.014 ppb	163.1 %	1 cps
11B (KED)	-0.992 ppb	61.9 %	85 cps
23Na (KED)	-33.301 ppb	3.3 %	12,863 cps
24Mg (KED)	-0.050 ppb	51.4 %	143 cps
27Al (KED)	0.848 ppb	111.9 %	293 cps
39K (KED)	-5.249 ppb	38.8 %	4,998 cps
44Ca (KED)	0.548 ppb	336.5 %	90 cps
45Sc (KED)	68.545 %	1.7 %	47,494 cps
47Ti (KED)	-0.024 ppb	167.1 %	2 cps
51V (KED)	0.003 ppb	87.4 %	39 cps
52Cr (KED)	-0.001 ppb	2,370.0 %	1,316 cps
54Fe (KED)	0.033 ppb	760.0 %	627 cps
55Mn (KED)	-0.162 ppb	10.0 %	327 cps
56Fe (KED)	0.019 ppb	91.6 %	12,867 cps
59Co (KED)	-0.004 ppb	27.3 %	21 cps
60Ni (KED)	-0.008 ppb	47.2 %	87 cps
63Cu (KED)	-0.022 ppb	5.6 %	332 cps
66Zn (KED)	-0.051 ppb	63.3 %	757 cps
74Ge (KED)			7,904 cps
75As (KED)	0.010 ppb	31.3 %	24 cps
77Se (KED)	0.029 ppb	173.2 %	3 cps
78Se (KED)	0.024 ppb	127.6 %	10 cps
82Se (KED)	2.438 ppb	19.6 %	518 cps
83Kr (KED)			217 cps
88Sr (KED)	-0.003 ppb	145.5 %	103 cps
89Y (KED)	74.720 %	1.2 %	127,180 cps
95Mo (KED)	0.093 ppb	23.1 %	557 cps
107Ag (KED)	-0.065 ppb	0.4 %	43 cps
109Ag (KED)	-0.060 ppb	1.1 %	37 cps
111Cd (KED)	0.000 ppb	43.1 %	1 cps
115In (KED)	79.066 %	0.1 %	210,407 cps
118Sn (KED)	0.040 ppb	28.1 %	3,145 cps
123Sb (KED)	0.002 ppb	112.2 %	88 cps
125Te (KED)			0 cps
137Ba (KED)	0.001 ppb	215.0 %	72 cps
159Tb (KED)	82.805 %	0.3 %	354,178 cps
205Tl (KED)	0.002 ppb	36.3 %	307 cps
206Pb (KED)	-0.001 ppb	88.9 %	129 cps
207Pb (KED)	0.001 ppb	65.3 %	136 cps
208Pb (KED)	-0.001 ppb	56.7 %	531 cps
209Bi (KED)	97.600 %	0.8 %	330,348 cps
232Th (KED)	0.023 ppb	8.2 %	3,964 cps
238U (KED)	0.000 ppb	85.6 %	93 cps

Sample List Summary

12/7/2022 7:36:21 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

LabBook	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Created by (User)	LAB-AELLAB\Jax-uICP…	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICP…	Last change time	12/7/2022 7:35:25 AM

Label	Sample Type	Start time	Comment
RB J3MS-3025 J3MS-3029	BLK	12/6/2022 3:55:05 PM	LL
CALB J3MS-3025 J3MS-3029	BLK	12/6/2022 4:00:47 PM	LL
ICAL1 J3MS-3016	STD	12/6/2022 4:06:31 PM	LL
ICAL2 J3MS-3017	STD	12/6/2022 4:12:16 PM	LL
ICAL3 J3MS-3018	STD	12/6/2022 4:18:01 PM	LL
ICAL4 J3MS-3019	STD	12/6/2022 4:23:46 PM	LL
ICAL5 J3MS-3020	STD	12/6/2022 4:29:33 PM	LL
ICAL6 J3MS-3021	STD	12/6/2022 4:35:18 PM	LL
ICAL7 J3MS-3022	STD	12/6/2022 4:41:04 PM	LL
RINSE	UNKNOWN	12/6/2022 4:46:51 PM	LL
ICV1 J3MS-3023	QC	12/6/2022 4:52:35 PM	LL
IB J3MS-3025 J3MS-3029	QC	12/6/2022 4:58:22 PM	LL
LLCCV1 J3MS-3016	QC	12/6/2022 5:04:07 PM	LL
LLCCV2 J3MS-3017	QC	12/6/2022 5:09:51 PM	LL
ICSA J3MS-3024	QC	12/6/2022 5:15:37 PM	LL
J2215557014 10X	UNKNOWN	12/6/2022 5:21:24 PM	LL 2444
J2215557014 5X	UNKNOWN	12/6/2022 5:27:11 PM	LL 2444
J2215557015 50X	UNKNOWN	12/6/2022 5:32:58 PM	LL 2444
J2215557015 20X	UNKNOWN	12/6/2022 5:38:45 PM	LL 2444
J2215557015 10X	UNKNOWN	12/6/2022 5:44:32 PM	LL 2444
J2215557016 100X	UNKNOWN	12/6/2022 5:50:19 PM	LL 2444
J2215557017 5X	UNKNOWN	12/6/2022 5:56:05 PM	LL 2444
J2215557018 100X	UNKNOWN	12/6/2022 6:01:52 PM	LL 2444
J2215557019 20X	UNKNOWN	12/6/2022 6:07:39 PM	LL 2444
J2215557019 10X	UNKNOWN	12/6/2022 6:13:26 PM	LL 2444
CCV J3MS-3019	QC	12/6/2022 6:19:13 PM	LL
CCB J3MS-3025 J3MS-3029	QC	12/6/2022 6:25:00 PM	LL
J2215557019 5X	UNKNOWN	12/6/2022 6:30:45 PM	LL 2444
J2215557020 50X	UNKNOWN	12/6/2022 6:36:31 PM	LL 2444
J2215557020 20X	UNKNOWN	12/6/2022 6:42:19 PM	LL 2444
J2215557020 10X	UNKNOWN	12/6/2022 6:48:06 PM	LL 2444
J2215723004 100X	UNKNOWN	12/6/2022 6:53:53 PM	LL 2444
J2215723005 20X	UNKNOWN	12/6/2022 6:59:40 PM	LL 2444
J2215723007 10X	UNKNOWN	12/6/2022 7:05:27 PM	LL 2444
J2215723009 10X	UNKNOWN	12/6/2022 7:11:14 PM	LL 2444
J2215723010 50X	UNKNOWN	12/6/2022 7:17:01 PM	LL 2444
J2215723011 50X	UNKNOWN	12/6/2022 7:22:48 PM	LL 2444
CCV J3MS-3019	QC	12/6/2022 7:28:35 PM	LL
CCB J3MS-3025 J3MS-3029	QC	12/6/2022 7:34:22 PM	LL
J2215752002 100X	UNKNOWN	12/6/2022 7:40:07 PM	LL 2444
J2215752002SD 500X	UNKNOWN	12/6/2022 7:45:54 PM	LL 2444
4562356 100X	UNKNOWN	12/6/2022 7:51:41 PM	LL 2444

Sample List Summary

12/7/2022 7:36:21 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Label	Sample Type	Start time	Comment
4562357 100X	UNKNOWN	12/6/2022 7:57:28 PM	LL 2444
J2215752002PS 100X	UNKNOWN	12/6/2022 8:03:15 PM	LL 2444
J2215752003 100X	UNKNOWN	12/6/2022 8:09:03 PM	LL 2444
4563740	UNKNOWN	12/6/2022 8:14:50 PM	LL 2458
4563741	UNKNOWN	12/6/2022 8:20:37 PM	LL 2458
J2215752006	UNKNOWN	12/6/2022 8:26:25 PM	LL 2458
J2215752007	UNKNOWN	12/6/2022 8:32:12 PM	LL 2458
CCV J3MS-3019	QC	12/6/2022 8:37:59 PM	LL
CCB J3MS-3025 J3MS-3029	QC	12/6/2022 8:43:46 PM	LL
J2215752007SD 5X	UNKNOWN	12/6/2022 8:49:31 PM	LL 2458
4563742	UNKNOWN	12/6/2022 8:55:19 PM	LL 2458
4563743	UNKNOWN	12/6/2022 9:01:06 PM	LL 2458
J2215752007PS	UNKNOWN	12/6/2022 9:06:53 PM	LL 2458
J2215752008	UNKNOWN	12/6/2022 9:12:41 PM	LL 2458
J2215752009	UNKNOWN	12/6/2022 9:18:28 PM	LL 2458
J2215752010	UNKNOWN	12/6/2022 9:24:16 PM	LL 2458
J2215752011	UNKNOWN	12/6/2022 9:30:03 PM	LL 2458
J2215752012	UNKNOWN	12/6/2022 9:35:51 PM	LL 2458
J2215752014	UNKNOWN	12/6/2022 9:41:38 PM	LL 2458
CCV J3MS-3019	QC	12/6/2022 9:47:26 PM	LL
CCB J3MS-3025 J3MS-3029	QC	12/6/2022 9:53:13 PM	LL
J2215752004	UNKNOWN	12/6/2022 9:58:58 PM	LL 2458
J2216025022	UNKNOWN	12/6/2022 10:04:45 PM	LL 2458
J2216034013	UNKNOWN	12/6/2022 10:10:33 PM	LL 2458
J2216035014	UNKNOWN	12/6/2022 10:16:21 PM	LL 2458
J2216039002	UNKNOWN	12/6/2022 10:22:09 PM	LL 2458
J2216039003	UNKNOWN	12/6/2022 10:27:56 PM	LL 2458
J2216039004	UNKNOWN	12/6/2022 10:33:44 PM	LL 2458
J2216039005	UNKNOWN	12/6/2022 10:39:32 PM	LL 2458
J2216039006	UNKNOWN	12/6/2022 10:45:19 PM	LL 2458
J2216039007	UNKNOWN	12/6/2022 10:51:07 PM	LL 2458
CCV J3MS-3019	QC	12/6/2022 10:56:56 PM	LL
CCB J3MS-3025 J3MS-3029	QC	12/6/2022 11:02:43 PM	LL
J2216039008	UNKNOWN	12/6/2022 11:08:27 PM	LL 2458
J2216039009	UNKNOWN	12/6/2022 11:14:15 PM	LL 2458
4572144	UNKNOWN	12/6/2022 11:20:04 PM	LL 2470
4572145	UNKNOWN	12/6/2022 11:25:52 PM	LL 2470
J2216039010	UNKNOWN	12/6/2022 11:31:40 PM	LL 2470
J2216039010SD 5X	UNKNOWN	12/6/2022 11:37:28 PM	LL 2470
4572146	UNKNOWN	12/6/2022 11:43:16 PM	LL 2470
4572147	UNKNOWN	12/6/2022 11:49:04 PM	LL 2470
J2216039010PS	UNKNOWN	12/6/2022 11:54:52 PM	LL 2470
J2216039011	UNKNOWN	12/7/2022 12:00:40 AM	LL 2470
CCV J3MS-3019	QC	12/7/2022 12:06:29 AM	LL
CCB J3MS-3025 J3MS-3029	QC	12/7/2022 12:12:16 AM	LL
J2216039012	UNKNOWN	12/7/2022 12:18:01 AM	LL 2470
J2216434023	UNKNOWN	12/7/2022 12:23:45 AM	LL 2470
J2216442023	UNKNOWN	12/7/2022 12:29:30 AM	LL 2470

Sample List Summary

12/7/2022 7:36:21 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Label	Sample Type	Start time	Comment
J2216453023	UNKNOWN	12/7/2022 12:35:15 AM	LL 2470
CCV J3MS-3019	QC	12/7/2022 12:40:59 AM	LL
CCB J3MS-3025 J3MS-3029	QC	12/7/2022 12:46:47 AM	LL
RINSE	UNKNOWN	12/7/2022 12:52:32 AM	LL
RINSE	UNKNOWN	12/7/2022 12:58:16 AM	LL
RINSE	UNKNOWN	12/7/2022 1:04:01 AM	LL

Performance Report

System

Start time:	12/6/2022 7:52:30 AM
Instrument:	iCAP RQ
Operator:	LAB-AELLAB\Jax-uICPMS3
Template:	KED 2
Instrument Serial Number:	RQ02518
Last Autotune:	Autotune-SourceTune High Matrix-20221205-084058178.imatdat
Solution:	No solution specified

Sensitivity & Stability Test

Result	Runs	Sweeps
Passed	5	30

Sensitivity

Analyte	Result	Value	Condition	Limit
Bkg4.5	Passed	0.044 CPS	Less than	0.5 CPS
Bkg220.7	Passed	0.0 CPS	Less than	2.0 CPS
59Co/35Cl.16O	Passed	66.6	Greater than	16.0
59Co	Passed	42,823.0 CPS	Greater than	25,000.0 CPS
238U	Passed	410,319.0 CPS	Greater than	80,000.0 CPS
140Ce.16O/140Ce	Passed	0.0041	Less than	0.02
115In	Passed	46,108.0 CPS	Greater than	30,000.0 CPS

Stability

Analyte	Value	Limit
59Co	0.3%	2
238U	0.5%	2
115In	0.6%	2

Mass Calibration Test

Result	Channels	Dwell	MeasureWidth	PointSpacing	Sweeps
Passed	75	0.04	1.5	0.02	5

Analyte	Result	Centroid Mass [u]	Offset	Peak width [u]	Peak width min [u]	Peak width max [u]
59Co	Passed	58.9786	0.0454	0.699	0.650	0.850
115In	Passed	114.9263	0.0224	0.708	0.650	0.850
238U	Passed	238.0659	0.0151	0.696	0.650	0.850

Tune Settings

Parameter	Value
Additional Gas Flow 1	0.00
Additional Gas Flow 2	0.00
Additional Gas Flow 3	0.00
Angular Deflection	-382.40
Auxilliary Flow	0.80
CCT Bias	-21.00
CCT Entry Lens	-98.00
CCT Exit Lens	-39.99
CCT Focus Lens	-9.88
CCT1 Flow	4.45
CCT1 Shut-Off Valve	1.00
CCT2 Flow	0.00
CCT2 Shut-Off Valve	0.00
Cool Flow	14.00
D1 Lens	-349.40
D2 Lens	-158.00
Deflection Entry Lens	-35.00
Dry Pump Speed	100.00
Extraction Lens 1 Negative	0.00
Extraction Lens 1 Polarity	0.00
Extraction Lens 1 Positive	0.00
Extraction Lens 2	-124.33
Focus Lens	-9.50
Nebulizer Flow	0.95
Peristaltic Pump Speed	30.00
Plasma Power	1550.00
Pole Bias	-18.00
Quad Entry Lens	-62.00
Sampling Depth	5.00
Spray Chamber Temperature	4.00
Torch Horizontal Position	-0.12
Torch Vertical Position	-1.15
Virtual CCT Mass Maximum Dac Limit Set	4095.00
Virtual CCT Mass parameter b	1.00
Virtual CCT Mass to Dac Factor	60.00
Virtual CCT Mass to Dac Offset	140.01

Vacuum Check

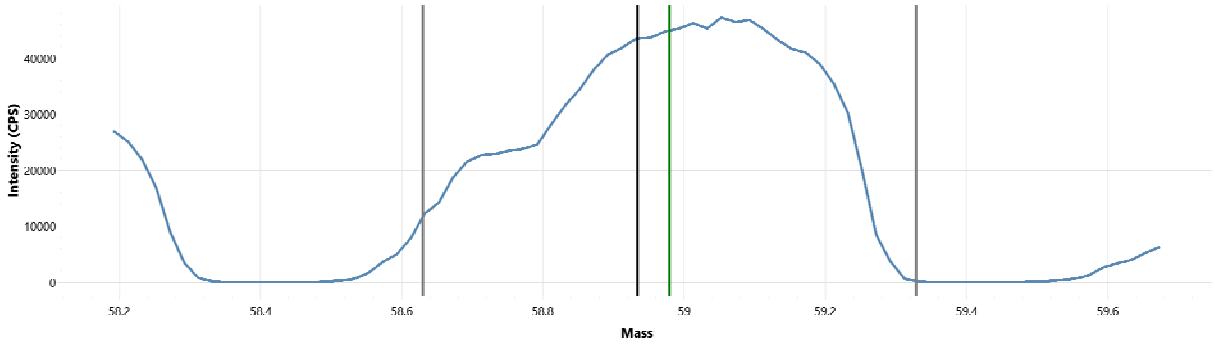
Parameter	Result	Value
Analyzer Pressure	Vacuum ok	7.079e-7
Interface Pressure		1.691e+0

Detector Voltages

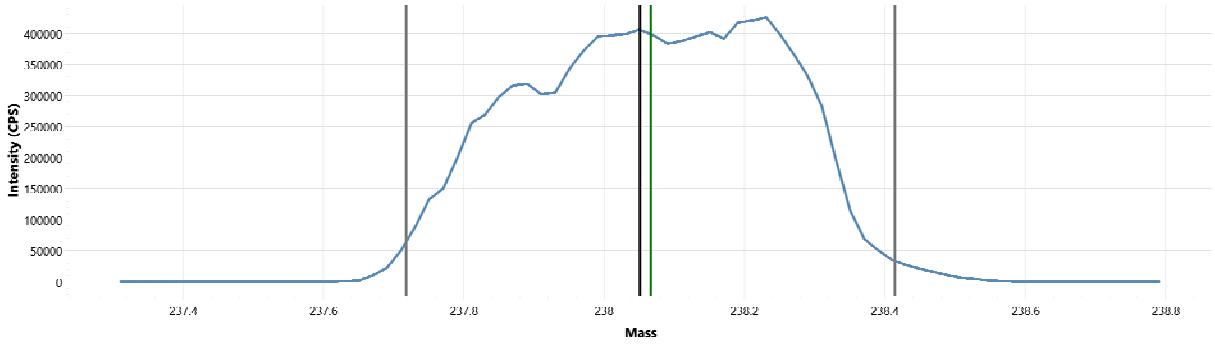
Analog	Counting
-1850.00	1350.00

Mass Calibration Peaks

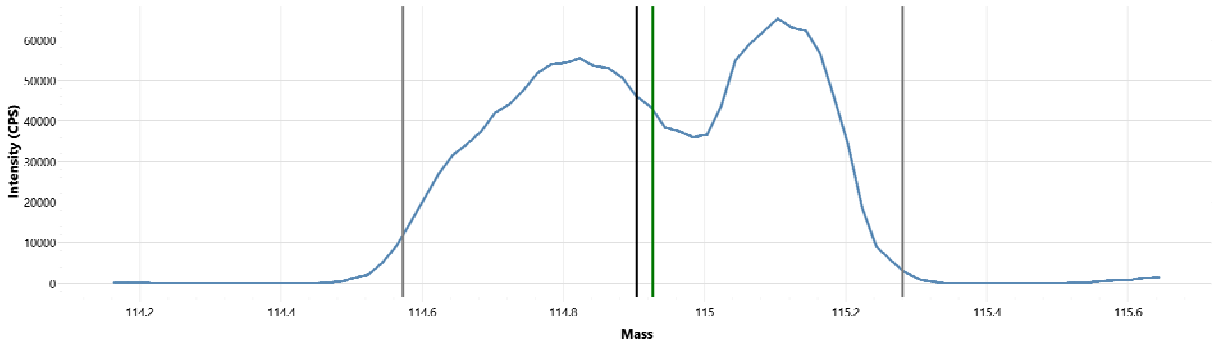
Analyte: 59Co



Analyte: 238U



Analyte: 115In



Calibration

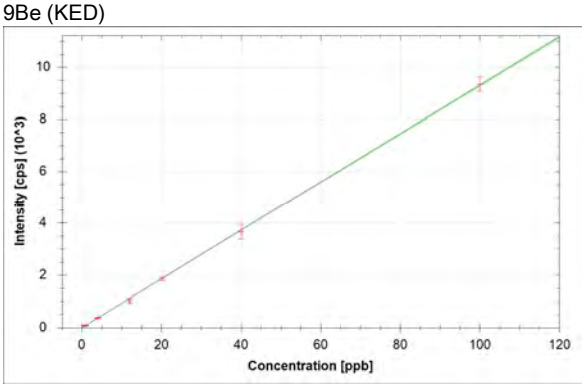
12/7/2022 7:35:34 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

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Calibration Curves:

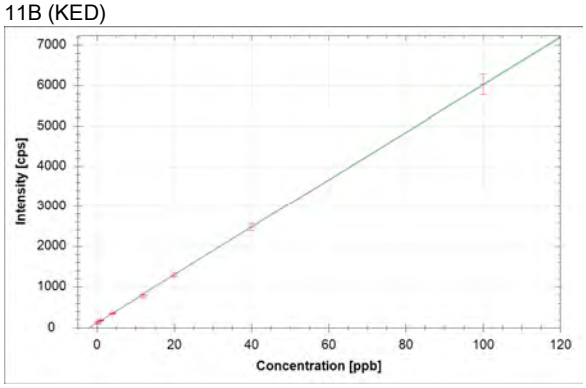
LabBook	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICP…	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICP…	Last change time	12/7/2022 7:35:25 AM

9Be (KED)



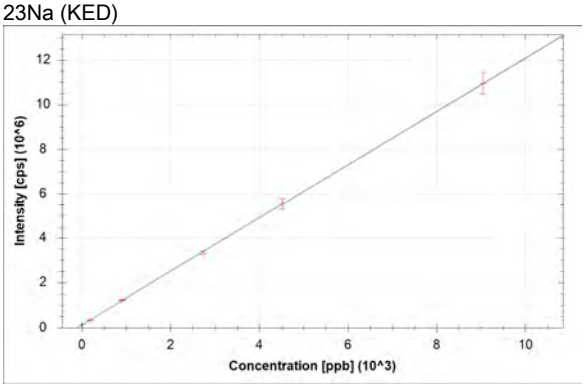
f(x) = 93.0865*x + 0.3040
R² = 0.9998
BEC = 0.003 ppb
LoD = 0.0170 ppb

11B (KED)



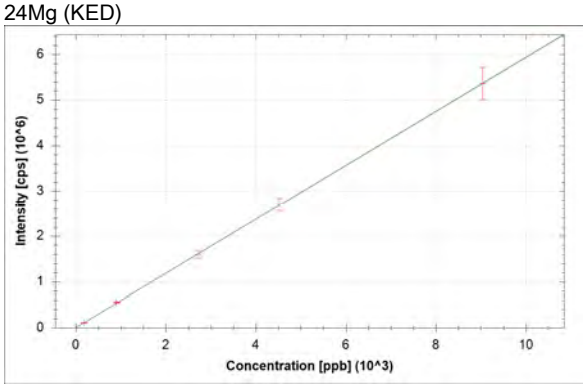
f(x) = 58.9779*x + 122.0102
R² = 0.9999
BEC = 2.069 ppb
LoD = 1.2688 ppb

23Na (KED)



f(x) = 1195.8950*x + 129607.9031
R² = 1.0000
BEC = 108.377 ppb
LoD = 9.9159 ppb

24Mg (KED)



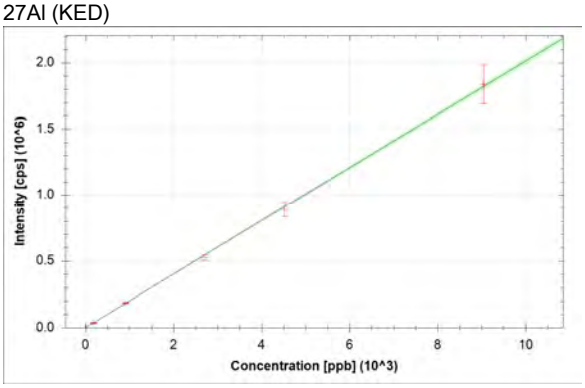
f(x) = 593.8669*x + 217.1094
R² = 1.0000
BEC = 0.366 ppb
LoD = 0.1599 ppb

Calibration

12/7/2022 7:35:34 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

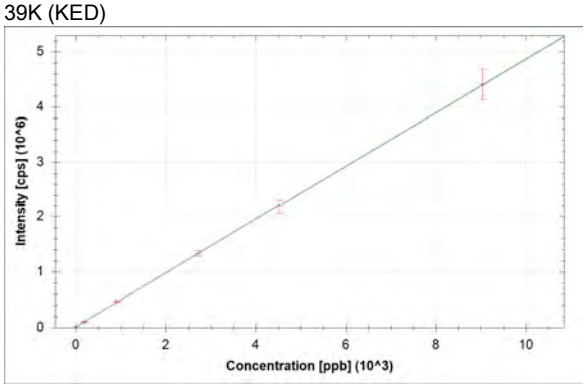
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27Al (KED)



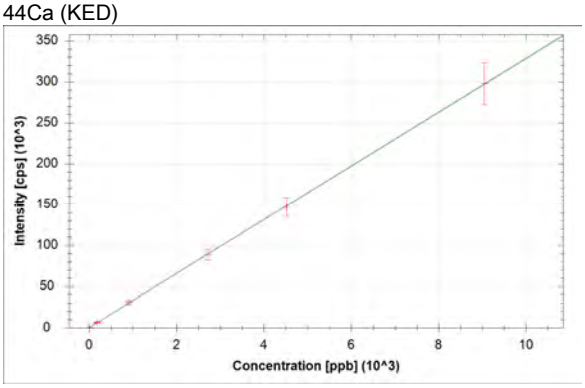
f(x) = 201.4145*x + 92.4915
R² = 0.9995
BEC = 0.459 ppb
LoD = 0.4647 ppb

39K (KED)



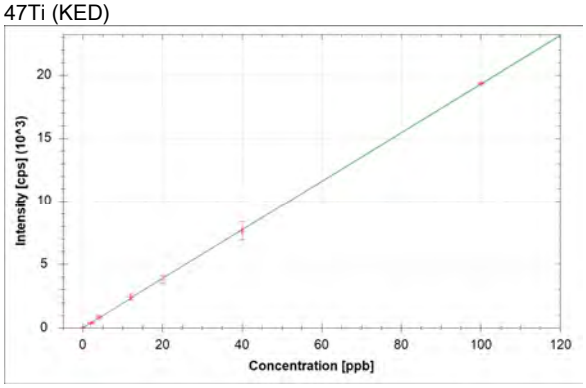
f(x) = 485.1394*x + 16043.5128
R² = 0.9999
BEC = 33.070 ppb
LoD = 2.7380 ppb

44Ca (KED)



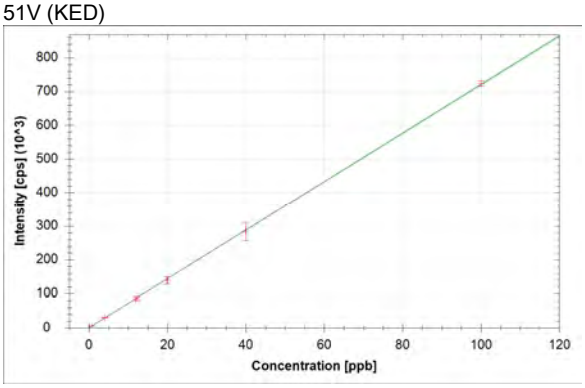
f(x) = 32.8311*x + 196.6765
R² = 0.9999
BEC = 5.991 ppb
LoD = 2.9472 ppb

47Ti (KED)



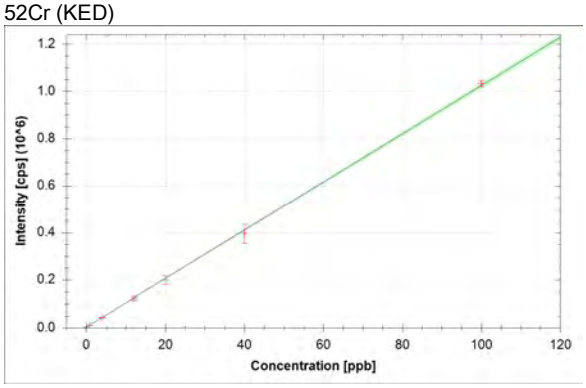
f(x) = 192.8429*x + 3.3559
R² = 0.9999
BEC = 0.017 ppb
LoD = 0.0524 ppb

51V (KED)



f(x) = 7204.8918*x + 82.1871
R² = 0.9999
BEC = 0.011 ppb
LoD = 0.0033 ppb

52Cr (KED)



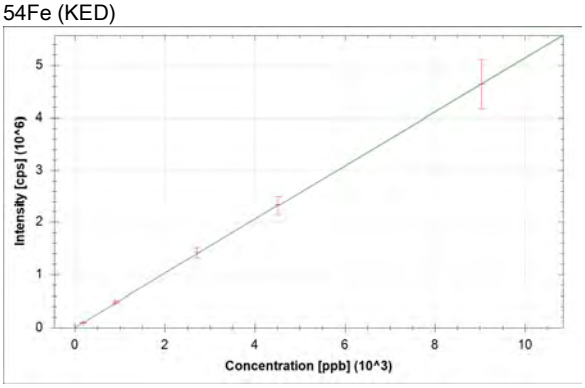
f(x) = 10214.7604*x + 2848.8802
R² = 0.9995
BEC = 0.279 ppb
LoD = 0.0359 ppb

Calibration

12/7/2022 7:35:34 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

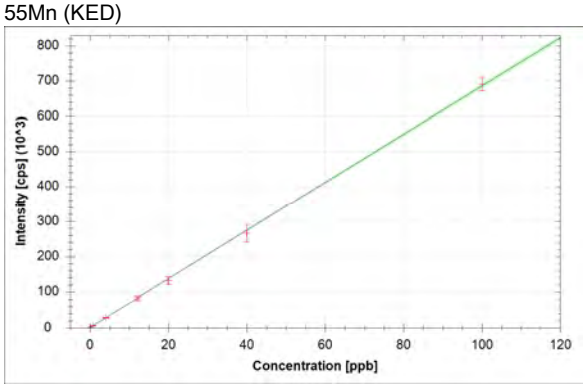
Advanced Environmental Laboratories, Inc.

54Fe (KED)



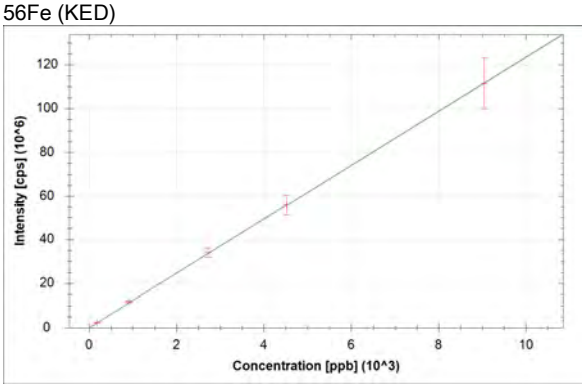
f(x) = 514.0671*x + 1136.3242
R² = 0.9999
BEC = 2.210 ppb
LoD = 0.6006 ppb

55Mn (KED)



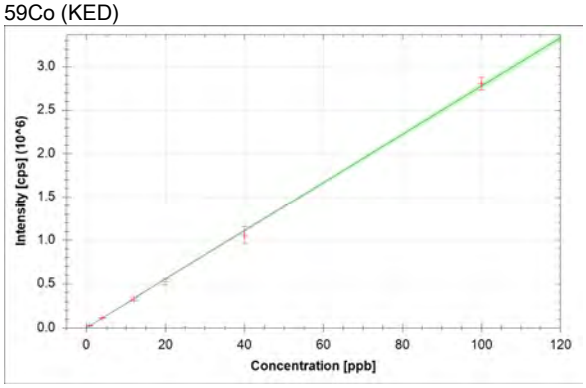
f(x) = 6851.8327*x + 727.3141
R² = 0.9996
BEC = 0.106 ppb
LoD = 0.0481 ppb

56Fe (KED)



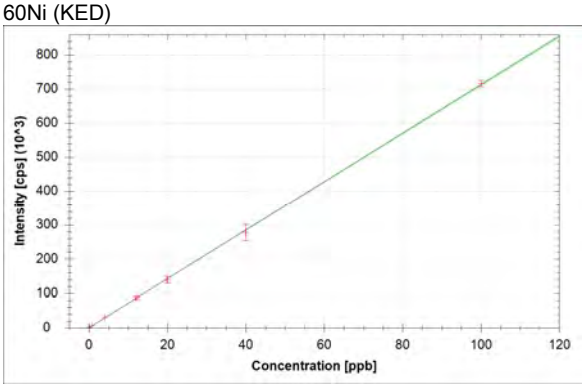
f(x) = 12341.7748*x + 29405.1603
R² = 0.9999
BEC = 2.383 ppb
LoD = 0.0810 ppb

59Co (KED)



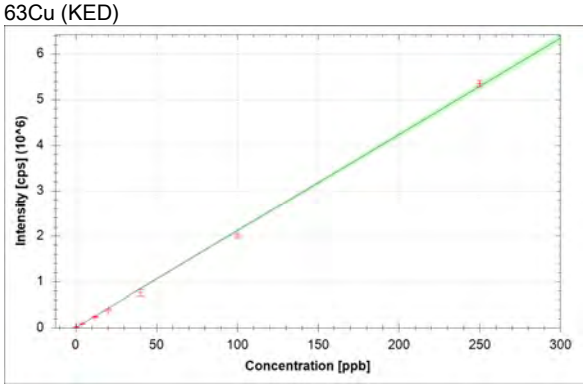
f(x) = 27758.3552*x + 50.0304
R² = 0.9992
BEC = 0.002 ppb
LoD = 0.0023 ppb

60Ni (KED)



f(x) = 7126.3109*x + 323.6490
R² = 0.9998
BEC = 0.045 ppb
LoD = 0.0175 ppb

63Cu (KED)

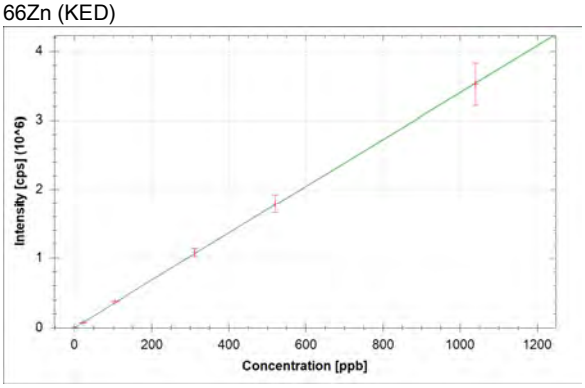


f(x) = 21142.2016*x + 1814.2574
R² = 0.9989
BEC = 0.086 ppb
LoD = 0.0227 ppb

Calibration

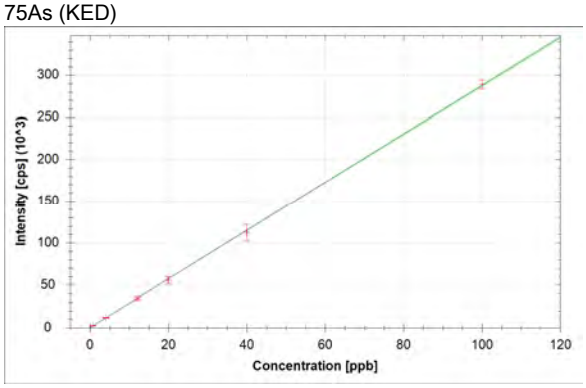
12/7/2022 7:35:34 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

66Zn (KED)



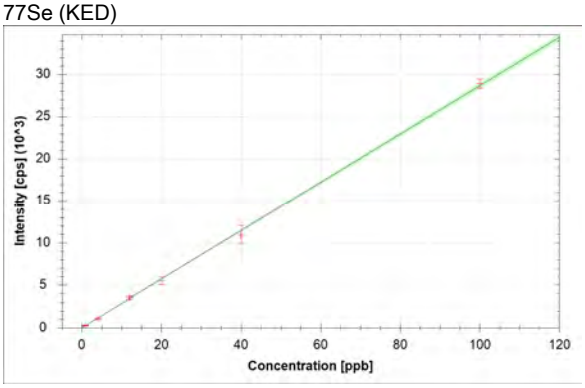
f(x) = 3399.9122*x + 2009.2673
R² = 0.9999
BEC = 0.591 ppb
LoD = 0.0429 ppb

75As (KED)



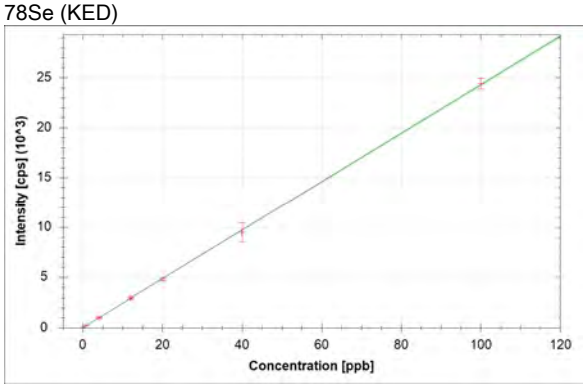
f(x) = 2876.4928*x + 24.2341
R² = 0.9998
BEC = 0.008 ppb
LoD = 0.0033 ppb

77Se (KED)



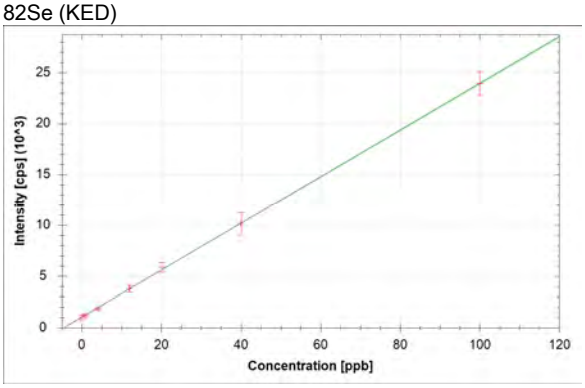
f(x) = 286.6414*x + 3.2997
R² = 0.9993
BEC = 0.012 ppb
LoD = 0.0598 ppb

78Se (KED)



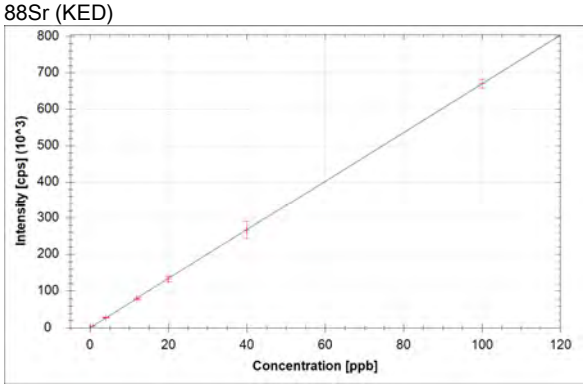
f(x) = 242.7251*x + 16.6554
R² = 0.9998
BEC = 0.069 ppb
LoD = 0.0403 ppb

82Se (KED)



f(x) = 229.1012*x + 1037.0855
R² = 0.9998
BEC = 4.527 ppb
LoD = 2.7859 ppb

88Sr (KED)

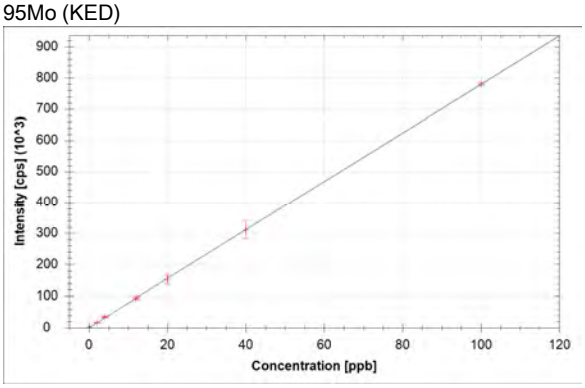


f(x) = 6693.5675*x + 123.4649
R² = 1.0000
BEC = 0.018 ppb
LoD = 0.0075 ppb

Calibration

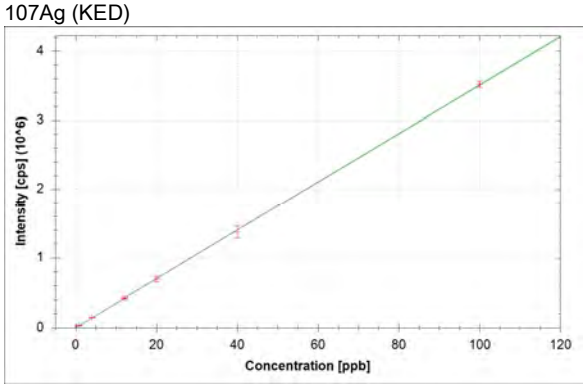
12/7/2022 7:35:34 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

95Mo (KED)



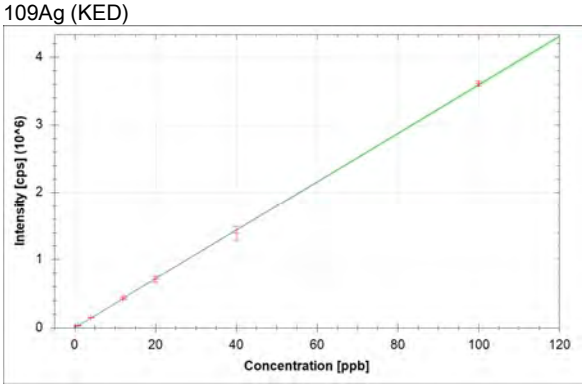
f(x) = 7792.9902*x + 243.6104
R² = 1.0000
BEC = 0.031 ppb
LoD = 0.0135 ppb

107Ag (KED)



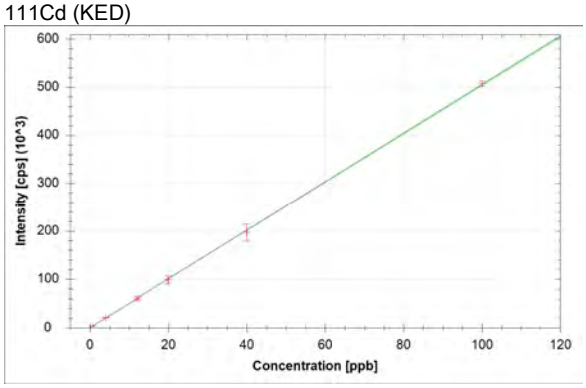
f(x) = 35085.5753*x + 23.2958
R² = 0.9999
BEC = 0.001 ppb
LoD = 0.0013 ppb

109Ag (KED)



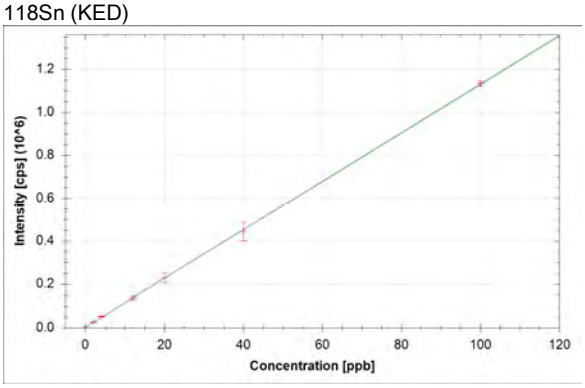
f(x) = 35893.4354*x + 36.6417
R² = 0.9997
BEC = 0.001 ppb
LoD = 0.0005 ppb

111Cd (KED)



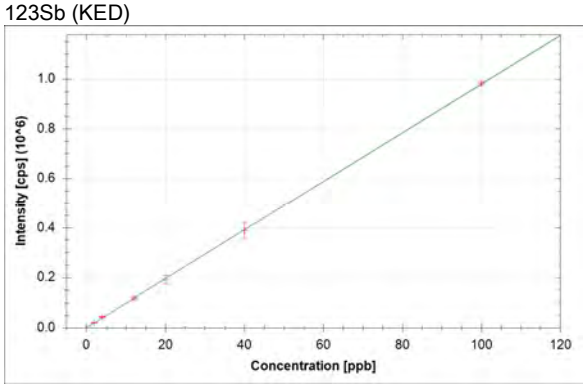
f(x) = 5048.2418*x + 1.3286
R² = 0.9998
BEC = 0.000 ppb
LoD = 0.0003 ppb

118Sn (KED)



f(x) = 11275.4454*x + 2474.1374
R² = 0.9999
BEC = 0.219 ppb
LoD = 0.0193 ppb

123Sb (KED)



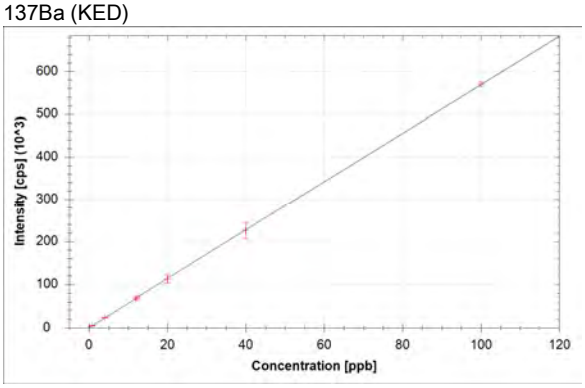
f(x) = 9795.9862*x + 93.4047
R² = 0.9999
BEC = 0.010 ppb
LoD = 0.0056 ppb

Calibration

12/7/2022 7:35:34 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

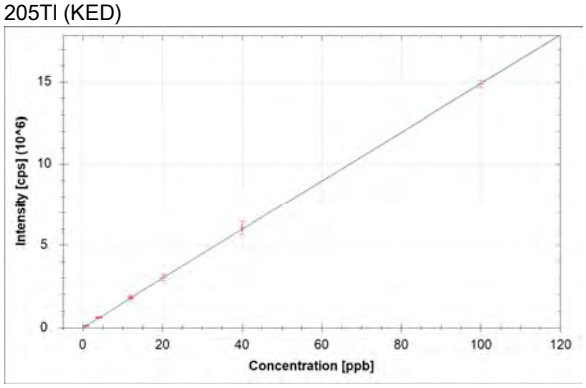
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137Ba (KED)



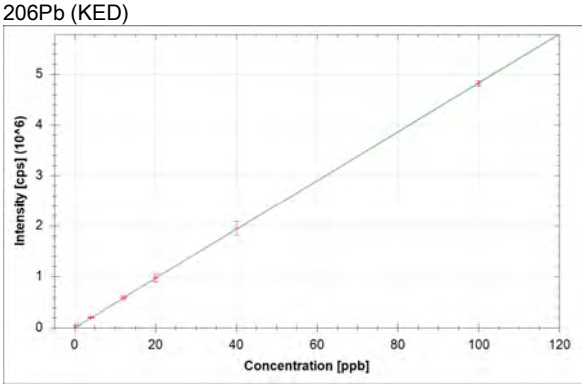
f(x) = 5687.8102*x + 161.2162
R² = 1.0000
BEC = 0.028 ppb
LoD = 0.0121 ppb

205Tl (KED)



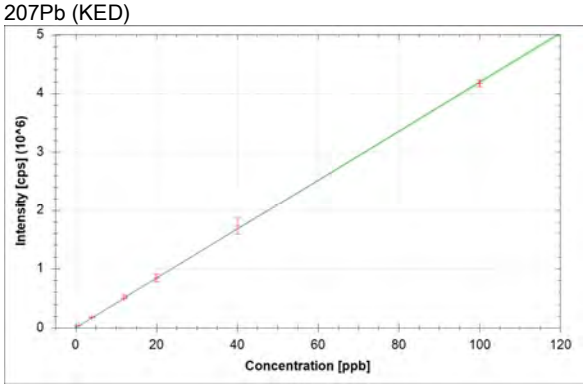
f(x) = 149099.9127*x + 182.7782
R² = 0.9999
BEC = 0.001 ppb
LoD = 0.0009 ppb

206Pb (KED)



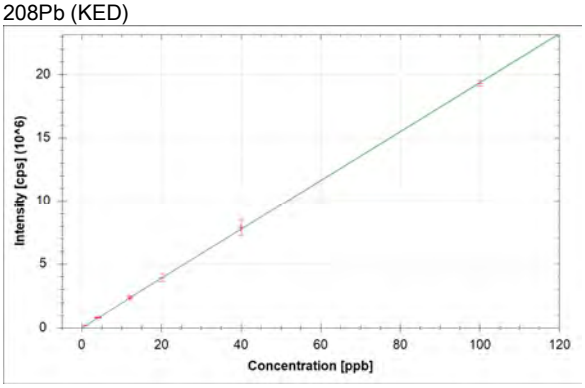
f(x) = 48259.8283*x + 359.8705
R² = 1.0000
BEC = 0.007 ppb
LoD = 0.0008 ppb

207Pb (KED)



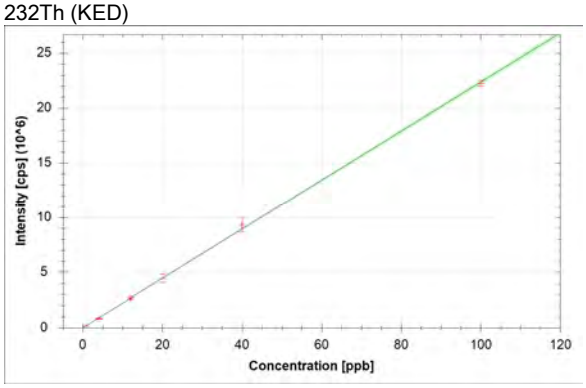
f(x) = 41913.7961*x + 305.4602
R² = 0.9998
BEC = 0.007 ppb
LoD = 0.0013 ppb

208Pb (KED)



f(x) = 193593.0951*x + 1382.2719
R² = 0.9999
BEC = 0.007 ppb
LoD = 0.0001 ppb

232Th (KED)



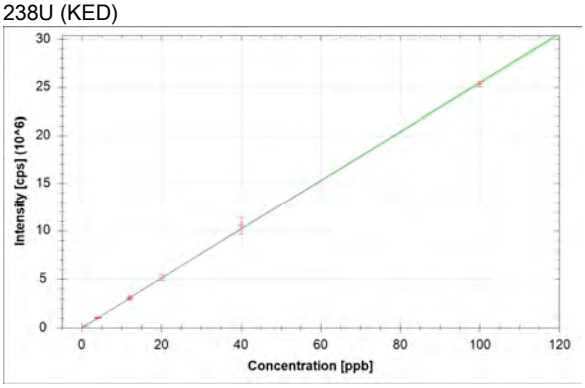
f(x) = 223723.0753*x + 1743.0610
R² = 0.9996
BEC = 0.008 ppb
LoD = 0.0040 ppb

Calibration

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Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

238U (KED)



f(x) = 254532.0379*x + 56.6969
R^2 = 0.9997
BEC = 0.000 ppb
LoD = 0.0001 ppb

Calibration

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Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Standards:

Analysis Index: 3
Analysis Name: ICAL1 J3MS-3016
AnalysisType: STD
Analysis Started at: 12/6/2022 4:06:31 PM
Standard (Stock): ICAL-1
Standard DF: 1

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	110.966 %	5.4 %	0.0 %
9Be (KED)	0.835 ppb	24.8 %	4.8 %
11B (KED)	1.014 ppb	27.9 %	13.9 %
23Na (KED)	183.190 ppb	6.2 %	1.8 %
24Mg (KED)	176.610 ppb	2.3 %	2.3 %
27Al (KED)	172.484 ppb	6.4 %	4.1 %
39K (KED)	174.962 ppb	2.9 %	2.8 %
44Ca (KED)	185.565 ppb	7.4 %	2.5 %
45Sc (KED)	101.660 %	2.6 %	0.0 %
47Ti (KED)	1.918 ppb	13.9 %	4.6 %
51V (KED)	0.784 ppb	3.0 %	2.8 %
52Cr (KED)	0.640 ppb	5.0 %	10.5 %
54Fe (KED)	184.425 ppb	2.3 %	3.0 %
55Mn (KED)	0.740 ppb	4.7 %	4.6 %
56Fe (KED)	187.438 ppb	4.6 %	3.5 %
59Co (KED)	0.806 ppb	6.0 %	4.2 %
60Ni (KED)	0.841 ppb	6.5 %	4.1 %
63Cu (KED)	0.756 ppb	3.8 %	8.0 %
66Zn (KED)	21.695 ppb	3.7 %	4.3 %
75As (KED)	0.806 ppb	3.8 %	2.4 %
77Se (KED)	0.906 ppb	16.7 %	8.4 %
78Se (KED)	0.860 ppb	6.4 %	4.3 %
82Se (KED)	0.746 ppb	89.0 %	7.4 %
88Sr (KED)	0.778 ppb	2.9 %	2.9 %
89Y (KED)	101.551 %	1.3 %	0.0 %
95Mo (KED)	2.057 ppb	3.3 %	4.2 %
107Ag (KED)	0.827 ppb	1.2 %	3.3 %
109Ag (KED)	0.820 ppb	2.7 %	3.2 %
111Cd (KED)	0.797 ppb	3.5 %	2.8 %
115In (KED)	102.961 %	2.4 %	0.0 %
118Sn (KED)	2.036 ppb	2.6 %	4.0 %
123Sb (KED)	2.049 ppb	3.0 %	4.8 %
137Ba (KED)	0.818 ppb	2.7 %	2.1 %
159Tb (KED)	103.132 %	1.9 %	0.0 %
205Tl (KED)	0.816 ppb	3.4 %	3.9 %
206Pb (KED)	0.851 ppb	3.3 %	4.2 %
207Pb (KED)	0.869 ppb	4.7 %	5.5 %
208Pb (KED)	0.860 ppb	3.1 %	4.9 %
209Bi (KED)	102.009 %	2.1 %	0.0 %
232Th (KED)	0.574 ppb	3.9 %	14.9 %
238U (KED)	0.761 ppb	3.2 %	3.0 %

Calibration

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Instrument: J3R
Method: EPA6020A/B, 200.8

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Category	Standard Concentration
6Li (KED)	
9Be (KED)	0.800 ppb
11B (KED)	0.800 ppb
23Na (KED)	180.800 ppb
24Mg (KED)	180.800 ppb
27Al (KED)	180.800 ppb
39K (KED)	180.800 ppb
44Ca (KED)	180.800 ppb
45Sc (KED)	
47Ti (KED)	2.000 ppb
51V (KED)	0.800 ppb
52Cr (KED)	0.800 ppb
54Fe (KED)	180.800 ppb
55Mn (KED)	0.800 ppb
56Fe (KED)	180.800 ppb
59Co (KED)	0.800 ppb
60Ni (KED)	0.800 ppb
63Cu (KED)	0.800 ppb
66Zn (KED)	20.800 ppb
75As (KED)	0.800 ppb
77Se (KED)	0.800 ppb
78Se (KED)	0.800 ppb
82Se (KED)	0.800 ppb
88Sr (KED)	0.800 ppb
89Y (KED)	
95Mo (KED)	2.000 ppb
107Ag (KED)	0.800 ppb
109Ag (KED)	0.800 ppb
111Cd (KED)	0.800 ppb
115In (KED)	
118Sn (KED)	2.000 ppb
123Sb (KED)	2.000 ppb
137Ba (KED)	0.800 ppb
159Tb (KED)	
205Tl (KED)	0.800 ppb
206Pb (KED)	0.800 ppb
207Pb (KED)	0.800 ppb
208Pb (KED)	0.800 ppb
209Bi (KED)	
232Th (KED)	0.800 ppb
238U (KED)	0.800 ppb

Calibration

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Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Standards:

Analysis Index: 4
Analysis Name: ICAL2 J3MS-3017
AnalysisType: STD
Analysis Started at: 12/6/2022 4:12:16 PM
Standard (Stock): ICAL-2
Standard DF: 1

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	103.509 %	3.2 %	0.0 %
9Be (KED)	3.898 ppb	3.1 %	4.8 %
11B (KED)	3.949 ppb	5.7 %	13.9 %
23Na (KED)	927.477 ppb	2.2 %	1.8 %
24Mg (KED)	930.388 ppb	2.1 %	2.3 %
27Al (KED)	921.128 ppb	2.1 %	4.1 %
39K (KED)	936.073 ppb	1.4 %	2.8 %
44Ca (KED)	932.372 ppb	6.6 %	2.5 %
45Sc (KED)	97.403 %	1.8 %	0.0 %
47Ti (KED)	4.263 ppb	13.0 %	4.6 %
51V (KED)	4.122 ppb	2.2 %	2.8 %
52Cr (KED)	3.962 ppb	2.8 %	10.5 %
54Fe (KED)	945.141 ppb	4.7 %	3.0 %
55Mn (KED)	4.052 ppb	3.7 %	4.6 %
56Fe (KED)	946.558 ppb	3.6 %	3.5 %
59Co (KED)	4.063 ppb	3.0 %	4.2 %
60Ni (KED)	4.213 ppb	1.6 %	4.1 %
63Cu (KED)	3.892 ppb	3.7 %	8.0 %
66Zn (KED)	110.123 ppb	3.7 %	4.3 %
75As (KED)	4.093 ppb	2.8 %	2.4 %
77Se (KED)	3.676 ppb	12.2 %	8.4 %
78Se (KED)	4.088 ppb	9.9 %	4.3 %
82Se (KED)	3.518 ppb	15.7 %	7.4 %
88Sr (KED)	4.196 ppb	2.5 %	2.9 %
89Y (KED)	98.507 %	2.6 %	0.0 %
95Mo (KED)	4.314 ppb	7.4 %	4.2 %
107Ag (KED)	4.200 ppb	2.1 %	3.3 %
109Ag (KED)	4.183 ppb	2.9 %	3.2 %
111Cd (KED)	4.165 ppb	2.2 %	2.8 %
115In (KED)	99.152 %	2.0 %	0.0 %
118Sn (KED)	4.297 ppb	3.7 %	4.0 %
123Sb (KED)	4.354 ppb	3.2 %	4.8 %
137Ba (KED)	4.128 ppb	3.3 %	2.1 %
159Tb (KED)	100.022 %	2.1 %	0.0 %
205Tl (KED)	4.269 ppb	3.8 %	3.9 %
206Pb (KED)	4.215 ppb	2.9 %	4.2 %
207Pb (KED)	4.233 ppb	1.2 %	5.5 %
208Pb (KED)	4.228 ppb	2.6 %	4.9 %
209Bi (KED)	98.019 %	1.7 %	0.0 %
232Th (KED)	3.663 ppb	4.1 %	14.9 %
238U (KED)	3.990 ppb	3.6 %	3.0 %

Calibration

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Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Category	Standard Concentration
6Li (KED)	
9Be (KED)	4.000 ppb
11B (KED)	4.000 ppb
23Na (KED)	904.000 ppb
24Mg (KED)	904.000 ppb
27Al (KED)	904.000 ppb
39K (KED)	904.000 ppb
44Ca (KED)	904.000 ppb
45Sc (KED)	
47Ti (KED)	4.000 ppb
51V (KED)	4.000 ppb
52Cr (KED)	4.000 ppb
54Fe (KED)	904.000 ppb
55Mn (KED)	4.000 ppb
56Fe (KED)	904.000 ppb
59Co (KED)	4.000 ppb
60Ni (KED)	4.000 ppb
63Cu (KED)	4.000 ppb
66Zn (KED)	104.000 ppb
75As (KED)	4.000 ppb
77Se (KED)	4.000 ppb
78Se (KED)	4.000 ppb
82Se (KED)	4.000 ppb
88Sr (KED)	4.000 ppb
89Y (KED)	
95Mo (KED)	4.000 ppb
107Ag (KED)	4.000 ppb
109Ag (KED)	4.000 ppb
111Cd (KED)	4.000 ppb
115In (KED)	
118Sn (KED)	4.000 ppb
123Sb (KED)	4.000 ppb
137Ba (KED)	4.000 ppb
159Tb (KED)	
205Tl (KED)	4.000 ppb
206Pb (KED)	4.000 ppb
207Pb (KED)	4.000 ppb
208Pb (KED)	4.000 ppb
209Bi (KED)	
232Th (KED)	4.000 ppb
238U (KED)	4.000 ppb

Calibration

12/7/2022 7:35:34 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Standards:

Analysis Index: 5
Analysis Name: ICAL3 J3MS-3018
AnalysisType: STD
Analysis Started at: 12/6/2022 4:18:01 PM
Standard (Stock): ICAL-3
Standard DF: 1

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	105.483 %	5.6 %	0.0 %
9Be (KED)	11.051 ppb	8.3 %	4.8 %
11B (KED)	11.119 ppb	4.7 %	13.9 %
23Na (KED)	2,677.384 ppb	2.5 %	1.8 %
24Mg (KED)	2,686.402 ppb	5.1 %	2.3 %
27Al (KED)	2,596.561 ppb	3.8 %	4.1 %
39K (KED)	2,711.309 ppb	3.3 %	2.8 %
44Ca (KED)	2,691.248 ppb	7.3 %	2.5 %
45Sc (KED)	99.511 %	3.7 %	0.0 %
47Ti (KED)	12.454 ppb	8.6 %	4.6 %
51V (KED)	11.767 ppb	6.0 %	2.8 %
52Cr (KED)	11.653 ppb	7.0 %	10.5 %
54Fe (KED)	2,752.513 ppb	7.0 %	3.0 %
55Mn (KED)	11.827 ppb	6.6 %	4.6 %
56Fe (KED)	2,750.355 ppb	6.6 %	3.5 %
59Co (KED)	11.708 ppb	6.4 %	4.2 %
60Ni (KED)	12.122 ppb	5.4 %	4.1 %
63Cu (KED)	11.161 ppb	5.0 %	8.0 %
66Zn (KED)	316.208 ppb	5.4 %	4.3 %
75As (KED)	11.878 ppb	5.0 %	2.4 %
77Se (KED)	12.229 ppb	4.8 %	8.4 %
78Se (KED)	11.993 ppb	4.0 %	4.3 %
82Se (KED)	11.999 ppb	12.6 %	7.4 %
88Sr (KED)	11.914 ppb	2.8 %	2.9 %
89Y (KED)	99.761 %	2.5 %	0.0 %
95Mo (KED)	12.004 ppb	3.7 %	4.2 %
107Ag (KED)	12.111 ppb	3.1 %	3.3 %
109Ag (KED)	12.049 ppb	3.5 %	3.2 %
111Cd (KED)	11.942 ppb	5.3 %	2.8 %
115In (KED)	100.483 %	2.3 %	0.0 %
118Sn (KED)	11.892 ppb	5.3 %	4.0 %
123Sb (KED)	12.031 ppb	5.2 %	4.8 %
137Ba (KED)	11.962 ppb	5.5 %	2.1 %
159Tb (KED)	102.357 %	2.4 %	0.0 %
205Tl (KED)	12.340 ppb	3.2 %	3.9 %
206Pb (KED)	12.148 ppb	4.1 %	4.2 %
207Pb (KED)	12.236 ppb	4.8 %	5.5 %
208Pb (KED)	12.218 ppb	4.7 %	4.9 %
209Bi (KED)	100.527 %	2.9 %	0.0 %
232Th (KED)	11.905 ppb	4.5 %	14.9 %
238U (KED)	11.986 ppb	4.3 %	3.0 %

Calibration

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Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Category	Standard Concentration
6Li (KED)	
9Be (KED)	12.000 ppb
11B (KED)	12.000 ppb
23Na (KED)	2,712.000 ppb
24Mg (KED)	2,712.000 ppb
27Al (KED)	2,712.000 ppb
39K (KED)	2,712.000 ppb
44Ca (KED)	2,712.000 ppb
45Sc (KED)	
47Ti (KED)	12.000 ppb
51V (KED)	12.000 ppb
52Cr (KED)	12.000 ppb
54Fe (KED)	2,712.000 ppb
55Mn (KED)	12.000 ppb
56Fe (KED)	2,712.000 ppb
59Co (KED)	12.000 ppb
60Ni (KED)	12.000 ppb
63Cu (KED)	12.000 ppb
66Zn (KED)	312.000 ppb
75As (KED)	12.000 ppb
77Se (KED)	12.000 ppb
78Se (KED)	12.000 ppb
82Se (KED)	12.000 ppb
88Sr (KED)	12.000 ppb
89Y (KED)	
95Mo (KED)	12.000 ppb
107Ag (KED)	12.000 ppb
109Ag (KED)	12.000 ppb
111Cd (KED)	12.000 ppb
115In (KED)	
118Sn (KED)	12.000 ppb
123Sb (KED)	12.000 ppb
137Ba (KED)	12.000 ppb
159Tb (KED)	
205Tl (KED)	12.000 ppb
206Pb (KED)	12.000 ppb
207Pb (KED)	12.000 ppb
208Pb (KED)	12.000 ppb
209Bi (KED)	
232Th (KED)	12.000 ppb
238U (KED)	12.000 ppb

Calibration

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Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Standards:

Analysis Index: 6
Analysis Name: ICAL4 J3MS-3019
AnalysisType: STD
Analysis Started at: 12/6/2022 4:23:46 PM
Standard (Stock): ICAL-4
Standard DF: 1

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	97.477 %	4.8 %	0.0 %
9Be (KED)	19.811 ppb	3.2 %	4.8 %
11B (KED)	19.816 ppb	3.5 %	13.9 %
23Na (KED)	4,526.004 ppb	4.6 %	1.8 %
24Mg (KED)	4,549.993 ppb	5.1 %	2.3 %
27Al (KED)	4,413.899 ppb	6.4 %	4.1 %
39K (KED)	4,471.997 ppb	6.0 %	2.8 %
44Ca (KED)	4,476.429 ppb	7.8 %	2.5 %
45Sc (KED)	97.846 %	5.1 %	0.0 %
47Ti (KED)	19.448 ppb	8.3 %	4.6 %
51V (KED)	19.304 ppb	7.6 %	2.8 %
52Cr (KED)	19.200 ppb	9.1 %	10.5 %
54Fe (KED)	4,513.451 ppb	7.5 %	3.0 %
55Mn (KED)	19.202 ppb	8.6 %	4.6 %
56Fe (KED)	4,520.848 ppb	8.5 %	3.5 %
59Co (KED)	18.779 ppb	7.1 %	4.2 %
60Ni (KED)	19.577 ppb	7.0 %	4.1 %
63Cu (KED)	18.148 ppb	7.3 %	8.0 %
66Zn (KED)	524.851 ppb	7.4 %	4.3 %
75As (KED)	19.393 ppb	7.3 %	2.4 %
77Se (KED)	19.193 ppb	8.2 %	8.4 %
78Se (KED)	19.543 ppb	3.1 %	4.3 %
82Se (KED)	21.010 ppb	10.1 %	7.4 %
88Sr (KED)	19.744 ppb	5.8 %	2.9 %
89Y (KED)	97.057 %	4.9 %	0.0 %
95Mo (KED)	19.696 ppb	9.0 %	4.2 %
107Ag (KED)	19.911 ppb	5.6 %	3.3 %
109Ag (KED)	19.694 ppb	6.3 %	3.2 %
111Cd (KED)	19.494 ppb	8.1 %	2.8 %
115In (KED)	99.191 %	6.5 %	0.0 %
118Sn (KED)	20.061 ppb	9.5 %	4.0 %
123Sb (KED)	19.464 ppb	8.9 %	4.8 %
137Ba (KED)	19.787 ppb	8.9 %	2.1 %
159Tb (KED)	100.633 %	5.7 %	0.0 %
205Tl (KED)	20.211 ppb	6.1 %	3.9 %
206Pb (KED)	20.096 ppb	8.2 %	4.2 %
207Pb (KED)	20.083 ppb	8.2 %	5.5 %
208Pb (KED)	20.234 ppb	8.2 %	4.9 %
209Bi (KED)	97.232 %	5.6 %	0.0 %
232Th (KED)	19.847 ppb	8.2 %	14.9 %
238U (KED)	20.162 ppb	5.4 %	3.0 %

Calibration

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Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Category	Standard Concentration
6Li (KED)	
9Be (KED)	20.000 ppb
11B (KED)	20.000 ppb
23Na (KED)	4,520.000 ppb
24Mg (KED)	4,520.000 ppb
27Al (KED)	4,520.000 ppb
39K (KED)	4,520.000 ppb
44Ca (KED)	4,520.000 ppb
45Sc (KED)	
47Ti (KED)	20.000 ppb
51V (KED)	20.000 ppb
52Cr (KED)	20.000 ppb
54Fe (KED)	4,520.000 ppb
55Mn (KED)	20.000 ppb
56Fe (KED)	4,520.000 ppb
59Co (KED)	20.000 ppb
60Ni (KED)	20.000 ppb
63Cu (KED)	20.000 ppb
66Zn (KED)	520.000 ppb
75As (KED)	20.000 ppb
77Se (KED)	20.000 ppb
78Se (KED)	20.000 ppb
82Se (KED)	20.000 ppb
88Sr (KED)	20.000 ppb
89Y (KED)	
95Mo (KED)	20.000 ppb
107Ag (KED)	20.000 ppb
109Ag (KED)	20.000 ppb
111Cd (KED)	20.000 ppb
115In (KED)	
118Sn (KED)	20.000 ppb
123Sb (KED)	20.000 ppb
137Ba (KED)	20.000 ppb
159Tb (KED)	
205Tl (KED)	20.000 ppb
206Pb (KED)	20.000 ppb
207Pb (KED)	20.000 ppb
208Pb (KED)	20.000 ppb
209Bi (KED)	
232Th (KED)	20.000 ppb
238U (KED)	20.000 ppb

Calibration

12/7/2022 7:35:34 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Standards:

Analysis Index: 7
Analysis Name: ICAL5 J3MS-3020
AnalysisType: STD
Analysis Started at: 12/6/2022 4:29:33 PM
Standard (Stock): ICAL-5
Standard DF: 1

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	98.136 %	2.2 %	0.0 %
9Be (KED)	39.276 ppb	7.7 %	4.8 %
11B (KED)	39.866 ppb	3.6 %	13.9 %
23Na (KED)	9,044.987 ppb	4.4 %	1.8 %
24Mg (KED)	9,030.128 ppb	6.6 %	2.3 %
27Al (KED)	9,126.136 ppb	8.0 %	4.1 %
39K (KED)	9,061.118 ppb	6.2 %	2.8 %
44Ca (KED)	9,065.078 ppb	8.5 %	2.5 %
45Sc (KED)	97.117 %	5.4 %	0.0 %
47Ti (KED)	39.529 ppb	9.5 %	4.6 %
51V (KED)	39.373 ppb	9.4 %	2.8 %
52Cr (KED)	38.441 ppb	10.3 %	10.5 %
54Fe (KED)	9,026.934 ppb	10.2 %	3.0 %
55Mn (KED)	38.682 ppb	9.4 %	4.6 %
56Fe (KED)	9,023.681 ppb	10.4 %	3.5 %
59Co (KED)	38.042 ppb	9.4 %	4.2 %
60Ni (KED)	38.950 ppb	8.6 %	4.1 %
63Cu (KED)	35.740 ppb	9.8 %	8.0 %
66Zn (KED)	1,035.682 ppb	8.7 %	4.3 %
75As (KED)	38.925 ppb	8.9 %	2.4 %
77Se (KED)	38.141 ppb	10.0 %	8.4 %
78Se (KED)	38.957 ppb	10.0 %	4.3 %
82Se (KED)	39.758 ppb	12.1 %	7.4 %
88Sr (KED)	39.835 ppb	9.0 %	2.9 %
89Y (KED)	94.994 %	5.7 %	0.0 %
95Mo (KED)	39.971 ppb	9.4 %	4.2 %
107Ag (KED)	39.131 ppb	6.4 %	3.3 %
109Ag (KED)	38.698 ppb	7.5 %	3.2 %
111Cd (KED)	38.940 ppb	9.0 %	2.8 %
115In (KED)	97.932 %	5.6 %	0.0 %
118Sn (KED)	39.195 ppb	9.7 %	4.0 %
123Sb (KED)	39.668 ppb	8.8 %	4.8 %
137Ba (KED)	39.619 ppb	8.4 %	2.1 %
159Tb (KED)	100.465 %	4.6 %	0.0 %
205Tl (KED)	40.423 ppb	6.7 %	3.9 %
206Pb (KED)	40.445 ppb	7.2 %	4.2 %
207Pb (KED)	41.197 ppb	8.0 %	5.5 %
208Pb (KED)	40.678 ppb	7.8 %	4.9 %
209Bi (KED)	94.597 %	4.2 %	0.0 %
232Th (KED)	41.666 ppb	7.0 %	14.9 %
238U (KED)	41.393 ppb	8.4 %	3.0 %



Category	Standard Concentration
6Li (KED)	
9Be (KED)	40.000 ppb
11B (KED)	40.000 ppb
23Na (KED)	9,040.000 ppb
24Mg (KED)	9,040.000 ppb
27Al (KED)	9,040.000 ppb
39K (KED)	9,040.000 ppb
44Ca (KED)	9,040.000 ppb
45Sc (KED)	
47Ti (KED)	40.000 ppb
51V (KED)	40.000 ppb
52Cr (KED)	40.000 ppb
54Fe (KED)	9,040.000 ppb
55Mn (KED)	40.000 ppb
56Fe (KED)	9,040.000 ppb
59Co (KED)	40.000 ppb
60Ni (KED)	40.000 ppb
63Cu (KED)	40.000 ppb
66Zn (KED)	1,040.000 ppb
75As (KED)	40.000 ppb
77Se (KED)	40.000 ppb
78Se (KED)	40.000 ppb
82Se (KED)	40.000 ppb
88Sr (KED)	40.000 ppb
89Y (KED)	
95Mo (KED)	40.000 ppb
107Ag (KED)	40.000 ppb
109Ag (KED)	40.000 ppb
111Cd (KED)	40.000 ppb
115In (KED)	
118Sn (KED)	40.000 ppb
123Sb (KED)	40.000 ppb
137Ba (KED)	40.000 ppb
159Tb (KED)	
205Tl (KED)	40.000 ppb
206Pb (KED)	40.000 ppb
207Pb (KED)	40.000 ppb
208Pb (KED)	40.000 ppb
209Bi (KED)	
232Th (KED)	40.000 ppb
238U (KED)	40.000 ppb

Calibration

12/7/2022 7:35:34 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Standards:

Analysis Index: 8
Analysis Name: ICAL6 J3MS-3021
AnalysisType: STD
Analysis Started at: 12/6/2022 4:35:18 PM
Standard (Stock): ICAL-6
Standard DF: 1

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	94.298 %	3.9 %	0.0 %
9Be (KED)	100.445 ppb	3.0 %	4.8 %
11B (KED)	100.196 ppb	4.4 %	13.9 %
23Na (KED)	N/A	N/A	1.8 %
24Mg (KED)	N/A	N/A	2.3 %
27Al (KED)	N/A	N/A	4.1 %
39K (KED)	N/A	N/A	2.8 %
44Ca (KED)	N/A	N/A	2.5 %
45Sc (KED)	95.140 %	1.6 %	0.0 %
47Ti (KED)	100.235 ppb	0.4 %	4.6 %
51V (KED)	100.413 ppb	1.1 %	2.8 %
52Cr (KED)	100.828 ppb	1.3 %	10.5 %
54Fe (KED)	N/A	N/A	3.0 %
55Mn (KED)	100.706 ppb	2.8 %	4.6 %
56Fe (KED)	N/A	N/A	3.5 %
59Co (KED)	101.060 ppb	2.6 %	4.2 %
60Ni (KED)	100.481 ppb	1.3 %	4.1 %
63Cu (KED)	94.618 ppb	2.1 %	8.0 %
66Zn (KED)	N/A	N/A	4.3 %
75As (KED)	100.562 ppb	1.9 %	2.4 %
77Se (KED)	100.889 ppb	1.9 %	8.4 %
78Se (KED)	100.505 ppb	2.2 %	4.3 %
82Se (KED)	99.915 ppb	5.1 %	7.4 %
88Sr (KED)	100.120 ppb	1.8 %	2.9 %
89Y (KED)	94.850 %	2.1 %	0.0 %
95Mo (KED)	100.058 ppb	0.6 %	4.2 %
107Ag (KED)	100.344 ppb	1.3 %	3.3 %
109Ag (KED)	100.569 ppb	1.0 %	3.2 %
111Cd (KED)	100.526 ppb	0.9 %	2.8 %
115In (KED)	98.391 %	0.9 %	0.0 %
118Sn (KED)	100.310 ppb	1.0 %	4.0 %
123Sb (KED)	100.221 ppb	0.8 %	4.8 %
137Ba (KED)	100.194 ppb	0.8 %	2.1 %
159Tb (KED)	100.848 %	0.8 %	0.0 %
205Tl (KED)	99.737 ppb	1.5 %	3.9 %
206Pb (KED)	99.776 ppb	1.0 %	4.2 %
207Pb (KED)	99.467 ppb	1.3 %	5.5 %
208Pb (KED)	99.646 ppb	1.2 %	4.9 %
209Bi (KED)	101.224 %	0.7 %	0.0 %
232Th (KED)	99.391 ppb	1.2 %	14.9 %
238U (KED)	99.413 ppb	1.1 %	3.0 %

Calibration

12/7/2022 7:35:34 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Category	Standard Concentration
6Li (KED)	
9Be (KED)	100.000 ppb
11B (KED)	100.000 ppb
23Na (KED)	N/A
24Mg (KED)	N/A
27Al (KED)	N/A
39K (KED)	N/A
44Ca (KED)	N/A
45Sc (KED)	
47Ti (KED)	100.000 ppb
51V (KED)	100.000 ppb
52Cr (KED)	100.000 ppb
54Fe (KED)	N/A
55Mn (KED)	100.000 ppb
56Fe (KED)	N/A
59Co (KED)	100.000 ppb
60Ni (KED)	100.000 ppb
63Cu (KED)	100.000 ppb
66Zn (KED)	N/A
75As (KED)	100.000 ppb
77Se (KED)	100.000 ppb
78Se (KED)	100.000 ppb
82Se (KED)	100.000 ppb
88Sr (KED)	100.000 ppb
89Y (KED)	
95Mo (KED)	100.000 ppb
107Ag (KED)	100.000 ppb
109Ag (KED)	100.000 ppb
111Cd (KED)	100.000 ppb
115In (KED)	
118Sn (KED)	100.000 ppb
123Sb (KED)	100.000 ppb
137Ba (KED)	100.000 ppb
159Tb (KED)	
205Tl (KED)	100.000 ppb
206Pb (KED)	100.000 ppb
207Pb (KED)	100.000 ppb
208Pb (KED)	100.000 ppb
209Bi (KED)	
232Th (KED)	100.000 ppb
238U (KED)	100.000 ppb

Calibration

12/7/2022 7:35:34 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Standards:

Analysis Index: 9
Analysis Name: ICAL7 J3MS-3022
AnalysisType: STD
Analysis Started at: 12/6/2022 4:41:04 PM
Standard (Stock): ICAL-7
Standard DF: 1

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	102.083 %	10.9 %	0.0 %
9Be (KED)	N/A	N/A	4.8 %
11B (KED)	N/A	N/A	13.9 %
23Na (KED)	N/A	N/A	1.8 %
24Mg (KED)	N/A	N/A	2.3 %
27Al (KED)	N/A	N/A	4.1 %
39K (KED)	N/A	N/A	2.8 %
44Ca (KED)	N/A	N/A	2.5 %
45Sc (KED)	94.007 %	1.1 %	0.0 %
47Ti (KED)	N/A	N/A	4.6 %
51V (KED)	N/A	N/A	2.8 %
52Cr (KED)	N/A	N/A	10.5 %
54Fe (KED)	N/A	N/A	3.0 %
55Mn (KED)	N/A	N/A	4.6 %
56Fe (KED)	N/A	N/A	3.5 %
59Co (KED)	N/A	N/A	4.2 %
60Ni (KED)	N/A	N/A	4.1 %
63Cu (KED)	253.025 ppb	1.3 %	8.0 %
66Zn (KED)	N/A	N/A	4.3 %
75As (KED)	N/A	N/A	2.4 %
77Se (KED)	N/A	N/A	8.4 %
78Se (KED)	N/A	N/A	4.3 %
82Se (KED)	N/A	N/A	7.4 %
88Sr (KED)	N/A	N/A	2.9 %
89Y (KED)	93.761 %	0.5 %	0.0 %
95Mo (KED)	N/A	N/A	4.2 %
107Ag (KED)	N/A	N/A	3.3 %
109Ag (KED)	N/A	N/A	3.2 %
111Cd (KED)	N/A	N/A	2.8 %
115In (KED)	98.154 %	1.8 %	0.0 %
118Sn (KED)	N/A	N/A	4.0 %
123Sb (KED)	N/A	N/A	4.8 %
137Ba (KED)	N/A	N/A	2.1 %
159Tb (KED)	98.958 %	1.2 %	0.0 %
205Tl (KED)	N/A	N/A	3.9 %
206Pb (KED)	N/A	N/A	4.2 %
207Pb (KED)	N/A	N/A	5.5 %
208Pb (KED)	N/A	N/A	4.9 %
209Bi (KED)	100.391 %	0.5 %	0.0 %
232Th (KED)	N/A	N/A	14.9 %
238U (KED)	N/A	N/A	3.0 %

Calibration

12/7/2022 7:35:34 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Category	Standard Concentration
6Li (KED)	
9Be (KED)	N/A
11B (KED)	N/A
23Na (KED)	N/A
24Mg (KED)	N/A
27Al (KED)	N/A
39K (KED)	N/A
44Ca (KED)	N/A
45Sc (KED)	
47Ti (KED)	N/A
51V (KED)	N/A
52Cr (KED)	N/A
54Fe (KED)	N/A
55Mn (KED)	N/A
56Fe (KED)	N/A
59Co (KED)	N/A
60Ni (KED)	N/A
63Cu (KED)	250.000 ppb
66Zn (KED)	N/A
75As (KED)	N/A
77Se (KED)	N/A
78Se (KED)	N/A
82Se (KED)	N/A
88Sr (KED)	N/A
89Y (KED)	
95Mo (KED)	N/A
107Ag (KED)	N/A
109Ag (KED)	N/A
111Cd (KED)	N/A
115In (KED)	
118Sn (KED)	N/A
123Sb (KED)	N/A
137Ba (KED)	N/A
159Tb (KED)	
205Tl (KED)	N/A
206Pb (KED)	N/A
207Pb (KED)	N/A
208Pb (KED)	N/A
209Bi (KED)	
232Th (KED)	N/A
238U (KED)	N/A

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	CALB J3MS-3025 J3MS-3029	Comment	LL
Dilution Factor	1	Sample Type:	BLK
Date Collected:	12/6/2022 4:00:47 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	100.000 %	0.1 %	3,040 cps
9Be (KED)	0.000 ppb	1.7 %	0 cps
11B (KED)	0.000 ppb	0.2 %	121 cps
23Na (KED)	0.000 ppb	0.0 %	129,482 cps
24Mg (KED)	0.000 ppb	0.1 %	217 cps
27Al (KED)	0.000 ppb	0.3 %	93 cps
39K (KED)	0.000 ppb	0.0 %	16,040 cps
44Ca (KED)	0.000 ppb	0.2 %	197 cps
45Sc (KED)	100.000 %	0.0 %	112,334 cps
47Ti (KED)	0.000 ppb	1.0 %	3 cps
51V (KED)	0.000 ppb	0.1 %	82 cps
52Cr (KED)	0.000 ppb	0.0 %	2,848 cps
54Fe (KED)	0.000 ppb	0.1 %	1,136 cps
55Mn (KED)	0.000 ppb	0.2 %	728 cps
56Fe (KED)	0.000 ppb	0.0 %	29,405 cps
59Co (KED)	0.000 ppb	0.4 %	50 cps
60Ni (KED)	0.000 ppb	0.1 %	323 cps
63Cu (KED)	0.000 ppb	0.1 %	1,813 cps
66Zn (KED)	0.000 ppb	0.0 %	2,009 cps
74Ge (KED)			17,400 cps
75As (KED)	0.000 ppb	0.1 %	24 cps
77Se (KED)	0.000 ppb	1.7 %	3 cps
78Se (KED)	0.000 ppb	0.2 %	17 cps
82Se (KED)	0.000 ppb	0.2 %	1,038 cps
83Kr (KED)			553 cps
88Sr (KED)	0.000 ppb	0.1 %	123 cps
89Y (KED)	100.000 %	0.0 %	205,052 cps
95Mo (KED)	0.000 ppb	0.1 %	243 cps
107Ag (KED)	0.000 ppb	0.7 %	23 cps
109Ag (KED)	0.000 ppb	0.2 %	37 cps
111Cd (KED)	0.000 ppb	0.4 %	1 cps
115In (KED)	100.000 %	0.0 %	344,305 cps
118Sn (KED)	0.000 ppb	0.0 %	2,474 cps
123Sb (KED)	0.000 ppb	0.2 %	93 cps
125Te (KED)			0 cps
137Ba (KED)	0.000 ppb	0.1 %	161 cps
159Tb (KED)	100.000 %	0.0 %	733,594 cps
205Tl (KED)	0.000 ppb	0.3 %	183 cps
206Pb (KED)	0.000 ppb	0.0 %	360 cps
207Pb (KED)	0.000 ppb	0.1 %	306 cps
208Pb (KED)	0.000 ppb	0.0 %	1,382 cps
209Bi (KED)	100.000 %	0.0 %	656,364 cps
232Th (KED)	0.000 ppb	0.2 %	1,747 cps
238U (KED)	0.000 ppb	0.1 %	57 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	ICAL1 J3MS-3016	Comment	LL
Dilution Factor	1	Sample Type:	STD
Date Collected:	12/6/2022 4:06:31 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	110.966 %	5.4 %	0.0 %
9Be (KED)	0.835 ppb	24.8 %	4.8 %
11B (KED)	1.014 ppb	27.9 %	13.9 %
23Na (KED)	183.190 ppb	6.2 %	1.8 %
24Mg (KED)	176.610 ppb	2.3 %	2.3 %
27Al (KED)	172.484 ppb	6.4 %	4.1 %
39K (KED)	174.962 ppb	2.9 %	2.8 %
44Ca (KED)	185.565 ppb	7.4 %	2.5 %
45Sc (KED)	101.660 %	2.6 %	0.0 %
47Ti (KED)	1.918 ppb	13.9 %	4.6 %
51V (KED)	0.784 ppb	3.0 %	2.8 %
52Cr (KED)	0.640 ppb	5.0 %	10.5 %
54Fe (KED)	184.425 ppb	2.3 %	3.0 %
55Mn (KED)	0.740 ppb	4.7 %	4.6 %
56Fe (KED)	187.438 ppb	4.6 %	3.5 %
59Co (KED)	0.806 ppb	6.0 %	4.2 %
60Ni (KED)	0.841 ppb	6.5 %	4.1 %
63Cu (KED)	0.756 ppb	3.8 %	8.0 %
66Zn (KED)	21.695 ppb	3.7 %	4.3 %
74Ge (KED)			
75As (KED)	0.806 ppb	3.8 %	2.4 %
77Se (KED)	0.906 ppb	16.7 %	8.4 %
78Se (KED)	0.860 ppb	6.4 %	4.3 %
82Se (KED)	0.746 ppb	89.0 %	7.4 %
83Kr (KED)			
88Sr (KED)	0.778 ppb	2.9 %	2.9 %
89Y (KED)	101.551 %	1.3 %	0.0 %
95Mo (KED)	2.057 ppb	3.3 %	4.2 %
107Ag (KED)	0.827 ppb	1.2 %	3.3 %
109Ag (KED)	0.820 ppb	2.7 %	3.2 %
111Cd (KED)	0.797 ppb	3.5 %	2.8 %
115In (KED)	102.961 %	2.4 %	0.0 %
118Sn (KED)	2.036 ppb	2.6 %	4.0 %
123Sb (KED)	2.049 ppb	3.0 %	4.8 %
125Te (KED)			
137Ba (KED)	0.818 ppb	2.7 %	2.1 %
159Tb (KED)	103.132 %	1.9 %	0.0 %
205Tl (KED)	0.816 ppb	3.4 %	3.9 %
206Pb (KED)	0.851 ppb	3.3 %	4.2 %
207Pb (KED)	0.869 ppb	4.7 %	5.5 %
208Pb (KED)	0.860 ppb	3.1 %	4.9 %
209Bi (KED)	102.009 %	2.1 %	0.0 %
232Th (KED)	0.574 ppb	3.9 %	14.9 %
238U (KED)	0.761 ppb	3.2 %	3.0 %

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	ICAL2 J3MS-3017	Comment	LL
Dilution Factor	1	Sample Type:	STD
Date Collected:	12/6/2022 4:12:16 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	103.509 %	3.2 %	0.0 %
9Be (KED)	3.898 ppb	3.1 %	4.8 %
11B (KED)	3.949 ppb	5.7 %	13.9 %
23Na (KED)	927.477 ppb	2.2 %	1.8 %
24Mg (KED)	930.388 ppb	2.1 %	2.3 %
27Al (KED)	921.128 ppb	2.1 %	4.1 %
39K (KED)	936.073 ppb	1.4 %	2.8 %
44Ca (KED)	932.372 ppb	6.6 %	2.5 %
45Sc (KED)	97.403 %	1.8 %	0.0 %
47Ti (KED)	4.263 ppb	13.0 %	4.6 %
51V (KED)	4.122 ppb	2.2 %	2.8 %
52Cr (KED)	3.962 ppb	2.8 %	10.5 %
54Fe (KED)	945.141 ppb	4.7 %	3.0 %
55Mn (KED)	4.052 ppb	3.7 %	4.6 %
56Fe (KED)	946.558 ppb	3.6 %	3.5 %
59Co (KED)	4.063 ppb	3.0 %	4.2 %
60Ni (KED)	4.213 ppb	1.6 %	4.1 %
63Cu (KED)	3.892 ppb	3.7 %	8.0 %
66Zn (KED)	110.123 ppb	3.7 %	4.3 %
74Ge (KED)			
75As (KED)	4.093 ppb	2.8 %	2.4 %
77Se (KED)	3.676 ppb	12.2 %	8.4 %
78Se (KED)	4.088 ppb	9.9 %	4.3 %
82Se (KED)	3.518 ppb	15.7 %	7.4 %
83Kr (KED)			
88Sr (KED)	4.196 ppb	2.5 %	2.9 %
89Y (KED)	98.507 %	2.6 %	0.0 %
95Mo (KED)	4.314 ppb	7.4 %	4.2 %
107Ag (KED)	4.200 ppb	2.1 %	3.3 %
109Ag (KED)	4.183 ppb	2.9 %	3.2 %
111Cd (KED)	4.165 ppb	2.2 %	2.8 %
115In (KED)	99.152 %	2.0 %	0.0 %
118Sn (KED)	4.297 ppb	3.7 %	4.0 %
123Sb (KED)	4.354 ppb	3.2 %	4.8 %
125Te (KED)			
137Ba (KED)	4.128 ppb	3.3 %	2.1 %
159Tb (KED)	100.022 %	2.1 %	0.0 %
205Tl (KED)	4.269 ppb	3.8 %	3.9 %
206Pb (KED)	4.215 ppb	2.9 %	4.2 %
207Pb (KED)	4.233 ppb	1.2 %	5.5 %
208Pb (KED)	4.228 ppb	2.6 %	4.9 %
209Bi (KED)	98.019 %	1.7 %	0.0 %
232Th (KED)	3.663 ppb	4.1 %	14.9 %
238U (KED)	3.990 ppb	3.6 %	3.0 %

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	ICAL3 J3MS-3018	Comment	LL
Dilution Factor	1	Sample Type:	STD
Date Collected:	12/6/2022 4:18:01 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	105.483 %	5.6 %	0.0 %
9Be (KED)	11.051 ppb	8.3 %	4.8 %
11B (KED)	11.119 ppb	4.7 %	13.9 %
23Na (KED)	2,677.384 ppb	2.5 %	1.8 %
24Mg (KED)	2,686.402 ppb	5.1 %	2.3 %
27Al (KED)	2,596.561 ppb	3.8 %	4.1 %
39K (KED)	2,711.309 ppb	3.3 %	2.8 %
44Ca (KED)	2,691.248 ppb	7.3 %	2.5 %
45Sc (KED)	99.511 %	3.7 %	0.0 %
47Ti (KED)	12.454 ppb	8.6 %	4.6 %
51V (KED)	11.767 ppb	6.0 %	2.8 %
52Cr (KED)	11.653 ppb	7.0 %	10.5 %
54Fe (KED)	2,752.513 ppb	7.0 %	3.0 %
55Mn (KED)	11.827 ppb	6.6 %	4.6 %
56Fe (KED)	2,750.355 ppb	6.6 %	3.5 %
59Co (KED)	11.708 ppb	6.4 %	4.2 %
60Ni (KED)	12.122 ppb	5.4 %	4.1 %
63Cu (KED)	11.161 ppb	5.0 %	8.0 %
66Zn (KED)	316.208 ppb	5.4 %	4.3 %
74Ge (KED)			
75As (KED)	11.878 ppb	5.0 %	2.4 %
77Se (KED)	12.229 ppb	4.8 %	8.4 %
78Se (KED)	11.993 ppb	4.0 %	4.3 %
82Se (KED)	11.999 ppb	12.6 %	7.4 %
83Kr (KED)			
88Sr (KED)	11.914 ppb	2.8 %	2.9 %
89Y (KED)	99.761 %	2.5 %	0.0 %
95Mo (KED)	12.004 ppb	3.7 %	4.2 %
107Ag (KED)	12.111 ppb	3.1 %	3.3 %
109Ag (KED)	12.049 ppb	3.5 %	3.2 %
111Cd (KED)	11.942 ppb	5.3 %	2.8 %
115In (KED)	100.483 %	2.3 %	0.0 %
118Sn (KED)	11.892 ppb	5.3 %	4.0 %
123Sb (KED)	12.031 ppb	5.2 %	4.8 %
125Te (KED)			
137Ba (KED)	11.962 ppb	5.5 %	2.1 %
159Tb (KED)	102.357 %	2.4 %	0.0 %
205Tl (KED)	12.340 ppb	3.2 %	3.9 %
206Pb (KED)	12.148 ppb	4.1 %	4.2 %
207Pb (KED)	12.236 ppb	4.8 %	5.5 %
208Pb (KED)	12.218 ppb	4.7 %	4.9 %
209Bi (KED)	100.527 %	2.9 %	0.0 %
232Th (KED)	11.905 ppb	4.5 %	14.9 %
238U (KED)	11.986 ppb	4.3 %	3.0 %

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	ICAL4 J3MS-3019	Comment	LL
Dilution Factor	1	Sample Type:	STD
Date Collected:	12/6/2022 4:23:46 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	97.477 %	4.8 %	0.0 %
9Be (KED)	19.811 ppb	3.2 %	4.8 %
11B (KED)	19.816 ppb	3.5 %	13.9 %
23Na (KED)	4,526.004 ppb	4.6 %	1.8 %
24Mg (KED)	4,549.993 ppb	5.1 %	2.3 %
27Al (KED)	4,413.899 ppb	6.4 %	4.1 %
39K (KED)	4,471.997 ppb	6.0 %	2.8 %
44Ca (KED)	4,476.429 ppb	7.8 %	2.5 %
45Sc (KED)	97.846 %	5.1 %	0.0 %
47Ti (KED)	19.448 ppb	8.3 %	4.6 %
51V (KED)	19.304 ppb	7.6 %	2.8 %
52Cr (KED)	19.200 ppb	9.1 %	10.5 %
54Fe (KED)	4,513.451 ppb	7.5 %	3.0 %
55Mn (KED)	19.202 ppb	8.6 %	4.6 %
56Fe (KED)	4,520.848 ppb	8.5 %	3.5 %
59Co (KED)	18.779 ppb	7.1 %	4.2 %
60Ni (KED)	19.577 ppb	7.0 %	4.1 %
63Cu (KED)	18.148 ppb	7.3 %	8.0 %
66Zn (KED)	524.851 ppb	7.4 %	4.3 %
74Ge (KED)			
75As (KED)	19.393 ppb	7.3 %	2.4 %
77Se (KED)	19.193 ppb	8.2 %	8.4 %
78Se (KED)	19.543 ppb	3.1 %	4.3 %
82Se (KED)	21.010 ppb	10.1 %	7.4 %
83Kr (KED)			
88Sr (KED)	19.744 ppb	5.8 %	2.9 %
89Y (KED)	97.057 %	4.9 %	0.0 %
95Mo (KED)	19.696 ppb	9.0 %	4.2 %
107Ag (KED)	19.911 ppb	5.6 %	3.3 %
109Ag (KED)	19.694 ppb	6.3 %	3.2 %
111Cd (KED)	19.494 ppb	8.1 %	2.8 %
115In (KED)	99.191 %	6.5 %	0.0 %
118Sn (KED)	20.061 ppb	9.5 %	4.0 %
123Sb (KED)	19.464 ppb	8.9 %	4.8 %
125Te (KED)			
137Ba (KED)	19.787 ppb	8.9 %	2.1 %
159Tb (KED)	100.633 %	5.7 %	0.0 %
205Tl (KED)	20.211 ppb	6.1 %	3.9 %
206Pb (KED)	20.096 ppb	8.2 %	4.2 %
207Pb (KED)	20.083 ppb	8.2 %	5.5 %
208Pb (KED)	20.234 ppb	8.2 %	4.9 %
209Bi (KED)	97.232 %	5.6 %	0.0 %
232Th (KED)	19.847 ppb	8.2 %	14.9 %
238U (KED)	20.162 ppb	5.4 %	3.0 %

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	ICAL5 J3MS-3020	Comment	LL
Dilution Factor	1	Sample Type:	STD
Date Collected:	12/6/2022 4:29:33 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	98.136 %	2.2 %	0.0 %
9Be (KED)	39.276 ppb	7.7 %	4.8 %
11B (KED)	39.866 ppb	3.6 %	13.9 %
23Na (KED)	9,044.987 ppb	4.4 %	1.8 %
24Mg (KED)	9,030.128 ppb	6.6 %	2.3 %
27Al (KED)	9,126.136 ppb	8.0 %	4.1 %
39K (KED)	9,061.118 ppb	6.2 %	2.8 %
44Ca (KED)	9,065.078 ppb	8.5 %	2.5 %
45Sc (KED)	97.117 %	5.4 %	0.0 %
47Ti (KED)	39.529 ppb	9.5 %	4.6 %
51V (KED)	39.373 ppb	9.4 %	2.8 %
52Cr (KED)	38.441 ppb	10.3 %	10.5 %
54Fe (KED)	9,026.934 ppb	10.2 %	3.0 %
55Mn (KED)	38.682 ppb	9.4 %	4.6 %
56Fe (KED)	9,023.681 ppb	10.4 %	3.5 %
59Co (KED)	38.042 ppb	9.4 %	4.2 %
60Ni (KED)	38.950 ppb	8.6 %	4.1 %
63Cu (KED)	35.740 ppb	9.8 %	8.0 %
66Zn (KED)	1,035.682 ppb	8.7 %	4.3 %
74Ge (KED)			
75As (KED)	38.925 ppb	8.9 %	2.4 %
77Se (KED)	38.141 ppb	10.0 %	8.4 %
78Se (KED)	38.957 ppb	10.0 %	4.3 %
82Se (KED)	39.758 ppb	12.1 %	7.4 %
83Kr (KED)			
88Sr (KED)	39.835 ppb	9.0 %	2.9 %
89Y (KED)	94.994 %	5.7 %	0.0 %
95Mo (KED)	39.971 ppb	9.4 %	4.2 %
107Ag (KED)	39.131 ppb	6.4 %	3.3 %
109Ag (KED)	38.698 ppb	7.5 %	3.2 %
111Cd (KED)	38.940 ppb	9.0 %	2.8 %
115In (KED)	97.932 %	5.6 %	0.0 %
118Sn (KED)	39.195 ppb	9.7 %	4.0 %
123Sb (KED)	39.668 ppb	8.8 %	4.8 %
125Te (KED)			
137Ba (KED)	39.619 ppb	8.4 %	2.1 %
159Tb (KED)	100.465 %	4.6 %	0.0 %
205Tl (KED)	40.423 ppb	6.7 %	3.9 %
206Pb (KED)	40.445 ppb	7.2 %	4.2 %
207Pb (KED)	41.197 ppb	8.0 %	5.5 %
208Pb (KED)	40.678 ppb	7.8 %	4.9 %
209Bi (KED)	94.597 %	4.2 %	0.0 %
232Th (KED)	41.666 ppb	7.0 %	14.9 %
238U (KED)	41.393 ppb	8.4 %	3.0 %

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	ICAL6 J3MS-3021	Comment	LL
Dilution Factor	1	Sample Type:	STD
Date Collected:	12/6/2022 4:35:18 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	94.298 %	3.9 %	0.0 %
9Be (KED)	100.445 ppb	3.0 %	4.8 %
11B (KED)	100.196 ppb	4.4 %	13.9 %
23Na (KED)	N/A	N/A	1.8 %
24Mg (KED)	N/A	N/A	2.3 %
27Al (KED)	N/A	N/A	4.1 %
39K (KED)	N/A	N/A	2.8 %
44Ca (KED)	N/A	N/A	2.5 %
45Sc (KED)	95.140 %	1.6 %	0.0 %
47Ti (KED)	100.235 ppb	0.4 %	4.6 %
51V (KED)	100.413 ppb	1.1 %	2.8 %
52Cr (KED)	100.828 ppb	1.3 %	10.5 %
54Fe (KED)	N/A	N/A	3.0 %
55Mn (KED)	100.706 ppb	2.8 %	4.6 %
56Fe (KED)	N/A	N/A	3.5 %
59Co (KED)	101.060 ppb	2.6 %	4.2 %
60Ni (KED)	100.481 ppb	1.3 %	4.1 %
63Cu (KED)	94.618 ppb	2.1 %	8.0 %
66Zn (KED)	N/A	N/A	4.3 %
74Ge (KED)			
75As (KED)	100.562 ppb	1.9 %	2.4 %
77Se (KED)	100.889 ppb	1.9 %	8.4 %
78Se (KED)	100.505 ppb	2.2 %	4.3 %
82Se (KED)	99.915 ppb	5.1 %	7.4 %
83Kr (KED)			
88Sr (KED)	100.120 ppb	1.8 %	2.9 %
89Y (KED)	94.850 %	2.1 %	0.0 %
95Mo (KED)	100.058 ppb	0.6 %	4.2 %
107Ag (KED)	100.344 ppb	1.3 %	3.3 %
109Ag (KED)	100.569 ppb	1.0 %	3.2 %
111Cd (KED)	100.526 ppb	0.9 %	2.8 %
115In (KED)	98.391 %	0.9 %	0.0 %
118Sn (KED)	100.310 ppb	1.0 %	4.0 %
123Sb (KED)	100.221 ppb	0.8 %	4.8 %
125Te (KED)			
137Ba (KED)	100.194 ppb	0.8 %	2.1 %
159Tb (KED)	100.848 %	0.8 %	0.0 %
205Tl (KED)	99.737 ppb	1.5 %	3.9 %
206Pb (KED)	99.776 ppb	1.0 %	4.2 %
207Pb (KED)	99.467 ppb	1.3 %	5.5 %
208Pb (KED)	99.646 ppb	1.2 %	4.9 %
209Bi (KED)	101.224 %	0.7 %	0.0 %
232Th (KED)	99.391 ppb	1.2 %	14.9 %
238U (KED)	99.413 ppb	1.1 %	3.0 %

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	ICAL7 J3MS-3022	Comment	LL
Dilution Factor	1	Sample Type:	STD
Date Collected:	12/6/2022 4:41:04 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	102.083 %	10.9 %	0.0 %
9Be (KED)	N/A	N/A	4.8 %
11B (KED)	N/A	N/A	13.9 %
23Na (KED)	N/A	N/A	1.8 %
24Mg (KED)	N/A	N/A	2.3 %
27Al (KED)	N/A	N/A	4.1 %
39K (KED)	N/A	N/A	2.8 %
44Ca (KED)	N/A	N/A	2.5 %
45Sc (KED)	94.007 %	1.1 %	0.0 %
47Ti (KED)	N/A	N/A	4.6 %
51V (KED)	N/A	N/A	2.8 %
52Cr (KED)	N/A	N/A	10.5 %
54Fe (KED)	N/A	N/A	3.0 %
55Mn (KED)	N/A	N/A	4.6 %
56Fe (KED)	N/A	N/A	3.5 %
59Co (KED)	N/A	N/A	4.2 %
60Ni (KED)	N/A	N/A	4.1 %
63Cu (KED)	253.025 ppb	1.3 %	8.0 %
66Zn (KED)	N/A	N/A	4.3 %
74Ge (KED)			
75As (KED)	N/A	N/A	2.4 %
77Se (KED)	N/A	N/A	8.4 %
78Se (KED)	N/A	N/A	4.3 %
82Se (KED)	N/A	N/A	7.4 %
83Kr (KED)			
88Sr (KED)	N/A	N/A	2.9 %
89Y (KED)	93.761 %	0.5 %	0.0 %
95Mo (KED)	N/A	N/A	4.2 %
107Ag (KED)	N/A	N/A	3.3 %
109Ag (KED)	N/A	N/A	3.2 %
111Cd (KED)	N/A	N/A	2.8 %
115In (KED)	98.154 %	1.8 %	0.0 %
118Sn (KED)	N/A	N/A	4.0 %
123Sb (KED)	N/A	N/A	4.8 %
125Te (KED)			
137Ba (KED)	N/A	N/A	2.1 %
159Tb (KED)	98.958 %	1.2 %	0.0 %
205Tl (KED)	N/A	N/A	3.9 %
206Pb (KED)	N/A	N/A	4.2 %
207Pb (KED)	N/A	N/A	5.5 %
208Pb (KED)	N/A	N/A	4.9 %
209Bi (KED)	100.391 %	0.5 %	0.0 %
232Th (KED)	N/A	N/A	14.9 %
238U (KED)	N/A	N/A	3.0 %

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	ICV1 J3MS-3023	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	12/6/2022 4:52:35 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	104.057 %	6.8 %	3,164 cps
9Be (KED)	19.113 ppb	7.2 %	1,842 cps
11B (KED)	19.303 ppb	11.1 %	1,302 cps
23Na (KED)	-12.021 ppb	25.9 %	118,437 cps
24Mg (KED)	19.493 ppb	5.9 %	12,103 cps
27Al (KED)	4,307.059 ppb	7.9 %	888,085 cps
39K (KED)	15.504 ppb	24.1 %	23,943 cps
44Ca (KED)	209.128 ppb	9.9 %	7,159 cps
45Sc (KED)	101.385 %	3.2 %	113,890 cps
47Ti (KED)	19.653 ppb	2.6 %	3,841 cps
51V (KED)	19.604 ppb	5.1 %	142,744 cps
52Cr (KED)	19.374 ppb	5.6 %	202,651 cps
54Fe (KED)	4,551.205 ppb	4.3 %	2,361,477 cps
55Mn (KED)	19.704 ppb	5.3 %	136,833 cps
56Fe (KED)	4,320.815 ppb	6.7 %	53,751,969 cps
59Co (KED)	19.385 ppb	5.1 %	541,535 cps
60Ni (KED)	20.081 ppb	4.9 %	144,259 cps
63Cu (KED)	18.838 ppb	5.2 %	401,831 cps
66Zn (KED)	537.447 ppb	5.0 %	1,834,774 cps
74Ge (KED)			19,218 cps
75As (KED)	19.858 ppb	4.9 %	57,078 cps
77Se (KED)	20.027 ppb	4.6 %	5,731 cps
78Se (KED)	19.854 ppb	6.1 %	4,823 cps
82Se (KED)	20.671 ppb	6.0 %	5,748 cps
83Kr (KED)			4,237 cps
88Sr (KED)	19.900 ppb	2.9 %	132,404 cps
89Y (KED)	99.305 %	2.8 %	203,627 cps
95Mo (KED)	19.695 ppb	3.9 %	154,326 cps
107Ag (KED)	20.477 ppb	4.1 %	737,588 cps
109Ag (KED)	20.134 ppb	4.2 %	744,715 cps
111Cd (KED)	19.565 ppb	4.7 %	102,145 cps
115In (KED)	104.233 %	1.8 %	358,880 cps
118Sn (KED)	19.133 ppb	5.0 %	227,305 cps
123Sb (KED)	19.326 ppb	5.0 %	197,278 cps
125Te (KED)			10 cps
137Ba (KED)	19.819 ppb	3.6 %	117,554 cps
159Tb (KED)	104.092 %	1.5 %	763,610 cps
205Tl (KED)	20.279 ppb	4.1 %	3,106,780 cps
206Pb (KED)	19.970 ppb	4.1 %	990,181 cps
207Pb (KED)	19.998 ppb	4.5 %	860,910 cps
208Pb (KED)	20.005 ppb	4.4 %	3,976,617 cps
209Bi (KED)	102.670 %	1.8 %	673,891 cps
232Th (KED)	19.688 ppb	2.9 %	4,522,518 cps
238U (KED)	19.891 ppb	5.1 %	5,195,139 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	IB J3MS-3025 J3MS-3029	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	12/6/2022 4:58:22 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	99.890 %	3.9 %	3,037 cps
9Be (KED)	0.015 ppb	151.5 %	2 cps
11B (KED)	0.022 ppb	586.3 %	123 cps
23Na (KED)	-26.517 ppb	2.5 %	98,299 cps
24Mg (KED)	0.031 ppb	159.9 %	237 cps
27Al (KED)	0.002 ppb	12,730.5 %	93 cps
39K (KED)	-2.761 ppb	12.3 %	14,835 cps
44Ca (KED)	-1.065 ppb	133.5 %	163 cps
45Sc (KED)	101.070 %	1.8 %	113,536 cps
47Ti (KED)	0.000 ppb	18,405.5 %	3 cps
51V (KED)	0.001 ppb	289.0 %	87 cps
52Cr (KED)	-0.019 ppb	48.8 %	2,675 cps
54Fe (KED)	0.313 ppb	146.0 %	1,306 cps
55Mn (KED)	-0.009 ppb	76.0 %	670 cps
56Fe (KED)	0.011 ppb	392.2 %	29,749 cps
59Co (KED)	0.000 ppb	408.6 %	47 cps
60Ni (KED)	-0.011 ppb	24.9 %	243 cps
63Cu (KED)	0.001 ppb	43.3 %	1,847 cps
66Zn (KED)	-0.014 ppb	109.5 %	1,970 cps
74Ge (KED)			17,623 cps
75As (KED)	0.008 ppb	21.4 %	46 cps
77Se (KED)	0.000 ppb	12,999.1 %	3 cps
78Se (KED)	0.069 ppb	139.7 %	33 cps
82Se (KED)	-0.262 ppb	274.6 %	977 cps
83Kr (KED)			587 cps
88Sr (KED)	-0.008 ppb	37.6 %	70 cps
89Y (KED)	99.744 %	0.3 %	204,527 cps
95Mo (KED)	0.122 ppb	33.9 %	1,200 cps
107Ag (KED)	0.001 ppb	116.9 %	57 cps
109Ag (KED)	0.000 ppb	53.4 %	51 cps
111Cd (KED)	0.000 ppb	59.2 %	3 cps
115In (KED)	103.388 %	1.7 %	355,971 cps
118Sn (KED)	0.063 ppb	45.4 %	3,285 cps
123Sb (KED)	0.009 ppb	45.0 %	190 cps
125Te (KED)			0 cps
137Ba (KED)	0.007 ppb	90.0 %	206 cps
159Tb (KED)	102.302 %	2.2 %	750,484 cps
205Tl (KED)	0.002 ppb	21.5 %	474 cps
206Pb (KED)	0.000 ppb	507.6 %	360 cps
207Pb (KED)	0.001 ppb	71.0 %	351 cps
208Pb (KED)	0.001 ppb	49.7 %	1,567 cps
209Bi (KED)	101.755 %	2.1 %	667,886 cps
232Th (KED)	0.046 ppb	15.9 %	12,330 cps
238U (KED)	0.001 ppb	13.7 %	360 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	LLCCV1 J3MS-3016	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	12/6/2022 5:04:07 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	106.909 %	6.7 %	3,250 cps
9Be (KED)	0.741 ppb	11.2 %	74 cps
11B (KED)	0.965 ppb	26.8 %	189 cps
23Na (KED)	160.597 ppb	10.9 %	331,097 cps
24Mg (KED)	176.297 ppb	9.1 %	107,646 cps
27Al (KED)	172.999 ppb	9.0 %	35,624 cps
39K (KED)	178.440 ppb	8.9 %	102,032 cps
44Ca (KED)	176.072 ppb	12.5 %	5,868 cps
45Sc (KED)	98.439 %	6.1 %	110,581 cps
47Ti (KED)	2.165 ppb	12.1 %	412 cps
51V (KED)	0.793 ppb	12.3 %	5,672 cps
52Cr (KED)	0.662 ppb	14.2 %	9,409 cps
54Fe (KED)	186.221 ppb	9.8 %	94,784 cps
55Mn (KED)	0.776 ppb	11.7 %	5,915 cps
56Fe (KED)	176.468 ppb	9.5 %	2,159,018 cps
59Co (KED)	0.799 ppb	8.9 %	21,738 cps
60Ni (KED)	0.841 ppb	7.2 %	6,183 cps
63Cu (KED)	0.755 ppb	8.2 %	17,368 cps
66Zn (KED)	21.841 ppb	10.1 %	74,411 cps
74Ge (KED)			17,092 cps
75As (KED)	0.818 ppb	8.1 %	2,316 cps
77Se (KED)	0.767 ppb	15.8 %	217 cps
78Se (KED)	0.921 ppb	13.1 %	234 cps
82Se (KED)	0.699 ppb	185.0 %	1,156 cps
83Kr (KED)			700 cps
88Sr (KED)	0.799 ppb	11.1 %	5,311 cps
89Y (KED)	97.491 %	7.1 %	199,908 cps
95Mo (KED)	2.077 ppb	11.4 %	16,117 cps
107Ag (KED)	0.832 ppb	8.4 %	29,348 cps
109Ag (KED)	0.821 ppb	9.1 %	29,747 cps
111Cd (KED)	0.805 ppb	9.5 %	4,110 cps
115In (KED)	102.335 %	6.6 %	352,343 cps
118Sn (KED)	2.065 ppb	13.3 %	26,221 cps
123Sb (KED)	2.025 ppb	11.7 %	20,283 cps
125Te (KED)			1 cps
137Ba (KED)	0.794 ppb	10.6 %	4,761 cps
159Tb (KED)	102.026 %	5.5 %	748,454 cps
205Tl (KED)	0.810 ppb	9.1 %	123,012 cps
206Pb (KED)	0.837 ppb	11.3 %	41,382 cps
207Pb (KED)	0.831 ppb	9.4 %	35,723 cps
208Pb (KED)	0.835 ppb	10.1 %	165,636 cps
209Bi (KED)	102.038 %	6.6 %	669,741 cps
232Th (KED)	0.609 ppb	9.5 %	140,168 cps
238U (KED)	0.768 ppb	11.1 %	198,687 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	LLCCV2 J3MS-3017	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	12/6/2022 5:09:51 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	100.000 %	8.4 %	3,040 cps
9Be (KED)	3.975 ppb	8.6 %	368 cps
11B (KED)	3.540 ppb	8.7 %	329 cps
23Na (KED)	881.365 ppb	4.7 %	1,174,851 cps
24Mg (KED)	897.272 ppb	3.3 %	529,098 cps
27Al (KED)	874.373 ppb	2.8 %	174,748 cps
39K (KED)	889.368 ppb	1.9 %	442,108 cps
44Ca (KED)	864.108 ppb	4.1 %	28,172 cps
45Sc (KED)	98.583 %	0.7 %	110,742 cps
47Ti (KED)	4.513 ppb	1.5 %	860 cps
51V (KED)	3.973 ppb	1.5 %	28,176 cps
52Cr (KED)	3.827 ppb	1.9 %	41,134 cps
54Fe (KED)	936.522 ppb	2.5 %	472,507 cps
55Mn (KED)	4.019 ppb	2.4 %	27,652 cps
56Fe (KED)	888.041 ppb	2.2 %	10,744,376 cps
59Co (KED)	3.959 ppb	2.8 %	107,238 cps
60Ni (KED)	4.139 ppb	1.3 %	29,066 cps
63Cu (KED)	3.767 ppb	2.7 %	79,225 cps
66Zn (KED)	108.110 ppb	2.5 %	358,623 cps
74Ge (KED)			17,387 cps
75As (KED)	3.996 ppb	2.5 %	11,102 cps
77Se (KED)	4.228 ppb	3.8 %	1,170 cps
78Se (KED)	4.169 ppb	5.2 %	989 cps
82Se (KED)	4.110 ppb	9.2 %	1,897 cps
83Kr (KED)			1,310 cps
88Sr (KED)	3.985 ppb	5.8 %	25,563 cps
89Y (KED)	95.383 %	1.8 %	195,586 cps
95Mo (KED)	4.181 ppb	2.5 %	31,747 cps
107Ag (KED)	4.098 ppb	0.4 %	142,965 cps
109Ag (KED)	4.049 ppb	1.2 %	145,162 cps
111Cd (KED)	3.969 ppb	0.8 %	20,102 cps
115In (KED)	101.219 %	0.5 %	348,500 cps
118Sn (KED)	4.131 ppb	1.6 %	49,645 cps
123Sb (KED)	4.144 ppb	0.4 %	41,172 cps
125Te (KED)			1 cps
137Ba (KED)	3.979 ppb	0.9 %	23,049 cps
159Tb (KED)	101.022 %	1.0 %	741,095 cps
205Tl (KED)	4.095 ppb	2.6 %	608,707 cps
206Pb (KED)	4.028 ppb	2.2 %	194,085 cps
207Pb (KED)	4.062 ppb	3.4 %	169,891 cps
208Pb (KED)	4.043 ppb	2.6 %	780,810 cps
209Bi (KED)	99.597 %	2.3 %	653,720 cps
232Th (KED)	3.521 ppb	3.9 %	785,913 cps
238U (KED)	3.907 ppb	5.0 %	989,808 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	ICSA J3MS-3024	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	12/6/2022 5:15:37 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	97.587 %	2.0 %	2,967 cps
9Be (KED)	0.015 ppb	81.7 %	2 cps
11B (KED)	1.441 ppb	14.0 %	201 cps
23Na (KED)	10,078.406 ppb	4.9 %	11,640,380 cps
24Mg (KED)	9,965.578 ppb	4.9 %	5,648,522 cps
27Al (KED)	9,982.633 ppb	6.2 %	1,911,298 cps
39K (KED)	9,853.410 ppb	4.9 %	4,494,105 cps
44Ca (KED)	9,485.747 ppb	8.0 %	289,849 cps
45Sc (KED)	93.156 %	5.3 %	104,646 cps
47Ti (KED)	201.728 ppb	9.1 %	36,089 cps
51V (KED)	0.009 ppb	33.6 %	134 cps
52Cr (KED)	-0.113 ppb	7.3 %	1,572 cps
54Fe (KED)	10,150.974 ppb	9.0 %	4,823,772 cps
55Mn (KED)	0.151 ppb	18.9 %	1,623 cps
56Fe (KED)	9,644.804 ppb	8.4 %	109,940,848 cps
59Co (KED)	0.081 ppb	9.4 %	2,128 cps
60Ni (KED)	0.554 ppb	5.9 %	3,938 cps
63Cu (KED)	0.024 ppb	38.3 %	2,138 cps
66Zn (KED)	0.223 ppb	39.5 %	2,540 cps
74Ge (KED)			16,092 cps
75As (KED)	0.058 ppb	14.3 %	174 cps
77Se (KED)	0.002 ppb	1,176.5 %	3 cps
78Se (KED)	0.138 ppb	45.1 %	46 cps
82Se (KED)	-0.378 ppb	144.3 %	871 cps
83Kr (KED)			587 cps
88Sr (KED)	0.059 ppb	20.6 %	477 cps
89Y (KED)	90.934 %	5.4 %	186,462 cps
95Mo (KED)	202.757 ppb	7.0 %	1,448,948 cps
107Ag (KED)	0.003 ppb	36.3 %	127 cps
109Ag (KED)	0.002 ppb	16.9 %	96 cps
111Cd (KED)	0.044 ppb	8.9 %	212 cps
115In (KED)	94.998 %	3.3 %	327,084 cps
118Sn (KED)	0.131 ppb	26.1 %	3,755 cps
123Sb (KED)	0.015 ppb	22.7 %	231 cps
125Te (KED)			2 cps
137Ba (KED)	0.112 ppb	3.1 %	769 cps
159Tb (KED)	97.810 %	4.2 %	717,531 cps
205Tl (KED)	0.001 ppb	29.7 %	348 cps
206Pb (KED)	0.041 ppb	8.7 %	2,222 cps
207Pb (KED)	0.043 ppb	5.0 %	2,001 cps
208Pb (KED)	0.042 ppb	7.0 %	9,020 cps
209Bi (KED)	94.433 %	3.0 %	619,827 cps
232Th (KED)	0.164 ppb	10.0 %	36,217 cps
238U (KED)	0.031 ppb	6.3 %	7,386 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	CCV J3MS-3019	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	12/6/2022 7:28:35 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	99.890 %	2.9 %	3,037 cps
9Be (KED)	18.934 ppb	3.3 %	1,751 cps
11B (KED)	19.143 ppb	2.8 %	1,239 cps
23Na (KED)	4,374.384 ppb	2.8 %	5,200,394 cps
24Mg (KED)	4,256.132 ppb	1.9 %	2,448,207 cps
27Al (KED)	4,271.999 ppb	2.7 %	829,050 cps
39K (KED)	4,366.596 ppb	3.9 %	2,013,062 cps
44Ca (KED)	4,426.695 ppb	1.6 %	136,057 cps
45Sc (KED)	93.338 %	1.7 %	104,850 cps
47Ti (KED)	19.434 ppb	5.5 %	3,488 cps
51V (KED)	19.605 ppb	4.0 %	130,639 cps
52Cr (KED)	19.558 ppb	4.6 %	186,990 cps
54Fe (KED)	4,635.649 ppb	3.6 %	2,193,609 cps
55Mn (KED)	19.360 ppb	4.0 %	122,520 cps
56Fe (KED)	4,508.938 ppb	4.0 %	51,064,074 cps
59Co (KED)	18.983 ppb	2.8 %	481,113 cps
60Ni (KED)	20.054 ppb	3.4 %	130,548 cps
63Cu (KED)	18.250 ppb	2.8 %	351,689 cps
66Zn (KED)	533.301 ppb	3.2 %	1,638,809 cps
74Ge (KED)			17,572 cps
75As (KED)	19.672 ppb	3.4 %	50,376 cps
77Se (KED)	18.259 ppb	8.9 %	4,641 cps
78Se (KED)	19.559 ppb	3.6 %	4,220 cps
82Se (KED)	20.386 ppb	10.0 %	5,018 cps
83Kr (KED)			3,400 cps
88Sr (KED)	19.726 ppb	3.3 %	115,129 cps
89Y (KED)	87.024 %	2.8 %	178,445 cps
95Mo (KED)	20.084 ppb	4.2 %	140,490 cps
107Ag (KED)	19.949 ppb	3.3 %	664,477 cps
109Ag (KED)	19.634 ppb	1.6 %	675,397 cps
111Cd (KED)	19.738 ppb	2.3 %	96,364 cps
115In (KED)	98.491 %	1.1 %	339,109 cps
118Sn (KED)	19.802 ppb	2.1 %	222,363 cps
123Sb (KED)	19.706 ppb	2.7 %	190,282 cps
125Te (KED)			14 cps
137Ba (KED)	19.016 ppb	2.1 %	106,820 cps
159Tb (KED)	98.757 %	1.4 %	724,480 cps
205Tl (KED)	19.907 ppb	2.0 %	2,827,723 cps
206Pb (KED)	19.693 ppb	2.7 %	904,923 cps
207Pb (KED)	19.652 ppb	1.3 %	783,754 cps
208Pb (KED)	19.759 ppb	2.0 %	3,636,523 cps
209Bi (KED)	94.974 %	1.2 %	623,374 cps
232Th (KED)	20.653 ppb	2.7 %	4,388,991 cps
238U (KED)	20.573 ppb	2.0 %	4,972,647 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	CCB J3MS-3025 J3MS-3029	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	12/6/2022 7:34:22 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	97.807 %	10.3 %	2,974 cps
9Be (KED)	0.019 ppb	54.0 %	2 cps
11B (KED)	-0.081 ppb	475.0 %	113 cps
23Na (KED)	-51.701 ppb	9.0 %	64,731 cps
24Mg (KED)	0.067 ppb	206.6 %	247 cps
27Al (KED)	0.236 ppb	11.5 %	133 cps
39K (KED)	-1.998 ppb	80.2 %	14,155 cps
44Ca (KED)	-1.654 ppb	95.6 %	133 cps
45Sc (KED)	93.327 %	2.4 %	104,839 cps
47Ti (KED)	-0.005 ppb	213.7 %	2 cps
51V (KED)	-0.001 ppb	221.2 %	67 cps
52Cr (KED)	-0.015 ppb	85.4 %	2,482 cps
54Fe (KED)	0.798 ppb	65.7 %	1,419 cps
55Mn (KED)	-0.004 ppb	105.9 %	641 cps
56Fe (KED)	0.068 ppb	253.6 %	27,718 cps
59Co (KED)	0.000 ppb	149.0 %	38 cps
60Ni (KED)	0.071 ppb	12.8 %	759 cps
63Cu (KED)	-0.004 ppb	71.5 %	1,566 cps
66Zn (KED)	-0.010 ppb	198.0 %	1,783 cps
74Ge (KED)			15,916 cps
75As (KED)	0.007 ppb	58.0 %	40 cps
77Se (KED)	0.014 ppb	315.7 %	7 cps
78Se (KED)	-0.012 ppb	135.5 %	12 cps
82Se (KED)	-0.775 ppb	38.4 %	758 cps
83Kr (KED)			363 cps
88Sr (KED)	0.001 ppb	629.9 %	113 cps
89Y (KED)	87.030 %	2.7 %	178,458 cps
95Mo (KED)	0.085 ppb	32.0 %	817 cps
107Ag (KED)	0.000 ppb	83.3 %	37 cps
109Ag (KED)	0.000 ppb	41.4 %	44 cps
111Cd (KED)	0.000 ppb	293.1 %	2 cps
115In (KED)	100.867 %	1.0 %	347,290 cps
118Sn (KED)	0.034 ppb	57.5 %	2,883 cps
123Sb (KED)	0.006 ppb	35.3 %	157 cps
125Te (KED)			0 cps
137Ba (KED)	0.004 ppb	151.1 %	186 cps
159Tb (KED)	99.075 %	2.7 %	726,807 cps
205Tl (KED)	0.001 ppb	26.8 %	337 cps
206Pb (KED)	0.000 ppb	161.6 %	359 cps
207Pb (KED)	0.001 ppb	82.5 %	332 cps
208Pb (KED)	0.001 ppb	76.2 %	1,448 cps
209Bi (KED)	96.929 %	2.3 %	636,203 cps
232Th (KED)	0.040 ppb	14.6 %	10,344 cps
238U (KED)	0.001 ppb	31.7 %	227 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	J2215752002 100X	Comment	LL 2444
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	12/6/2022 7:40:07 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	105.702 %	3.3 %	3,214 cps
9Be (KED)	0.007 ppb	144.2 %	1 cps
11B (KED)	-0.095 ppb	178.7 %	122 cps
23Na (KED)	-13.232 ppb	20.9 %	115,456 cps
24Mg (KED)	12.901 ppb	3.8 %	7,976 cps
27Al (KED)	0.744 ppb	28.5 %	243 cps
39K (KED)	-11.647 ppb	5.2 %	10,141 cps
44Ca (KED)	33.464 ppb	8.3 %	1,247 cps
45Sc (KED)	96.087 %	1.9 %	107,938 cps
47Ti (KED)	0.001 ppb	3,210.4 %	3 cps
51V (KED)	0.001 ppb	118.9 %	88 cps
52Cr (KED)	-0.026 ppb	60.3 %	2,447 cps
54Fe (KED)	153.505 ppb	4.9 %	75,667 cps
55Mn (KED)	25.975 ppb	3.7 %	168,647 cps
56Fe (KED)	150.033 ppb	3.1 %	1,772,229 cps
59Co (KED)	0.244 ppb	6.1 %	6,405 cps
60Ni (KED)	0.121 ppb	12.1 %	1,108 cps
63Cu (KED)	-0.037 ppb	12.9 %	970 cps
66Zn (KED)	0.204 ppb	18.7 %	2,500 cps
74Ge (KED)			16,101 cps
75As (KED)	0.141 ppb	6.4 %	391 cps
77Se (KED)	0.013 ppb	321.7 %	7 cps
78Se (KED)	0.033 ppb	100.3 %	22 cps
82Se (KED)	0.324 ppb	120.8 %	998 cps
83Kr (KED)			603 cps
88Sr (KED)	0.105 ppb	3.5 %	733 cps
89Y (KED)	88.745 %	2.7 %	181,973 cps
95Mo (KED)	0.014 ppb	63.5 %	323 cps
107Ag (KED)	0.000 ppb	236.2 %	30 cps
109Ag (KED)	0.000 ppb	163.4 %	26 cps
111Cd (KED)	0.000 ppb	86.2 %	1 cps
115In (KED)	101.631 %	2.6 %	349,920 cps
118Sn (KED)	-0.016 ppb	76.2 %	2,332 cps
123Sb (KED)	0.005 ppb	34.1 %	148 cps
125Te (KED)			0 cps
137Ba (KED)	0.412 ppb	7.2 %	2,530 cps
159Tb (KED)	100.611 %	2.0 %	738,079 cps
205Tl (KED)	0.000 ppb	85.1 %	231 cps
206Pb (KED)	-0.001 ppb	21.2 %	293 cps
207Pb (KED)	-0.002 ppb	43.2 %	209 cps
208Pb (KED)	-0.001 ppb	21.8 %	1,117 cps
209Bi (KED)	99.420 %	2.4 %	652,557 cps
232Th (KED)	0.011 ppb	30.4 %	4,104 cps
238U (KED)	0.000 ppb	17.8 %	137 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	J2215752002SD 500X	Comment	LL 2444
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	12/6/2022 7:45:54 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	102.632 %	2.8 %	3,120 cps
9Be (KED)	0.025 ppb	64.2 %	3 cps
11B (KED)	-0.004 ppb	3,620.3 %	124 cps
23Na (KED)	-46.396 ppb	2.3 %	73,228 cps
24Mg (KED)	3.068 ppb	10.5 %	2,010 cps
27Al (KED)	0.641 ppb	39.9 %	217 cps
39K (KED)	-13.667 ppb	3.7 %	8,960 cps
44Ca (KED)	3.618 ppb	19.3 %	297 cps
45Sc (KED)	93.836 %	0.9 %	105,409 cps
47Ti (KED)	0.001 ppb	1,620.1 %	3 cps
51V (KED)	0.000 ppb	1,494.7 %	78 cps
52Cr (KED)	-0.005 ppb	200.8 %	2,586 cps
54Fe (KED)	32.812 ppb	2.1 %	16,603 cps
55Mn (KED)	5.633 ppb	0.4 %	36,197 cps
56Fe (KED)	31.659 ppb	1.5 %	385,951 cps
59Co (KED)	0.051 ppb	4.4 %	1,343 cps
60Ni (KED)	0.065 ppb	6.3 %	716 cps
63Cu (KED)	-0.038 ppb	7.4 %	926 cps
66Zn (KED)	0.286 ppb	6.0 %	2,686 cps
74Ge (KED)			15,990 cps
75As (KED)	0.030 ppb	8.5 %	97 cps
77Se (KED)	0.002 ppb	1,500.1 %	3 cps
78Se (KED)	0.009 ppb	279.9 %	17 cps
82Se (KED)	-0.406 ppb	251.2 %	822 cps
83Kr (KED)			413 cps
88Sr (KED)	0.017 ppb	28.6 %	203 cps
89Y (KED)	85.973 %	1.8 %	176,289 cps
95Mo (KED)	0.009 ppb	6.3 %	280 cps
107Ag (KED)	0.000 ppb	135.2 %	27 cps
109Ag (KED)	0.000 ppb	114.9 %	28 cps
111Cd (KED)	0.000 ppb	0.0 %	0 cps
115In (KED)	99.973 %	1.3 %	344,213 cps
118Sn (KED)	-0.019 ppb	60.4 %	2,255 cps
123Sb (KED)	-0.001 ppb	133.8 %	88 cps
125Te (KED)			0 cps
137Ba (KED)	0.395 ppb	2.9 %	2,404 cps
159Tb (KED)	99.424 %	0.6 %	729,370 cps
205Tl (KED)	0.000 ppb	215.9 %	163 cps
206Pb (KED)	-0.005 ppb	6.8 %	134 cps
207Pb (KED)	-0.005 ppb	4.0 %	112 cps
208Pb (KED)	-0.004 ppb	0.5 %	561 cps
209Bi (KED)	96.967 %	1.3 %	636,454 cps
232Th (KED)	0.004 ppb	47.3 %	2,537 cps
238U (KED)	0.000 ppb	170.5 %	37 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	4562356 100X	Comment	LL 2444
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	12/6/2022 7:51:41 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	98.684 %	4.0 %	3,000 cps
9Be (KED)	0.230 ppb	10.6 %	21 cps
11B (KED)	0.362 ppb	125.2 %	140 cps
23Na (KED)	39.735 ppb	5.4 %	171,152 cps
24Mg (KED)	61.362 ppb	3.6 %	35,374 cps
27Al (KED)	49.178 ppb	5.5 %	9,610 cps
39K (KED)	36.284 ppb	3.0 %	31,874 cps
44Ca (KED)	81.935 ppb	8.0 %	2,717 cps
45Sc (KED)	94.009 %	0.6 %	105,605 cps
47Ti (KED)	0.247 ppb	15.7 %	48 cps
51V (KED)	0.227 ppb	2.5 %	1,599 cps
52Cr (KED)	0.194 ppb	8.4 %	4,492 cps
54Fe (KED)	210.415 ppb	2.8 %	101,336 cps
55Mn (KED)	27.065 ppb	1.6 %	172,330 cps
56Fe (KED)	204.781 ppb	2.0 %	2,362,969 cps
59Co (KED)	0.469 ppb	2.0 %	12,009 cps
60Ni (KED)	0.331 ppb	3.4 %	2,465 cps
63Cu (KED)	0.172 ppb	1.3 %	4,974 cps
66Zn (KED)	5.957 ppb	3.1 %	20,250 cps
74Ge (KED)			15,940 cps
75As (KED)	0.372 ppb	2.5 %	980 cps
77Se (KED)	0.092 ppb	64.4 %	27 cps
78Se (KED)	0.162 ppb	20.0 %	50 cps
82Se (KED)	-0.317 ppb	176.7 %	857 cps
83Kr (KED)			537 cps
88Sr (KED)	0.321 ppb	6.6 %	1,997 cps
89Y (KED)	87.650 %	2.5 %	179,729 cps
95Mo (KED)	0.201 ppb	5.4 %	1,637 cps
107Ag (KED)	0.224 ppb	4.3 %	7,596 cps
109Ag (KED)	0.222 ppb	3.1 %	7,772 cps
111Cd (KED)	0.213 ppb	3.0 %	1,057 cps
115In (KED)	100.135 %	1.6 %	344,770 cps
118Sn (KED)	0.190 ppb	3.4 %	4,622 cps
123Sb (KED)	0.212 ppb	5.0 %	2,169 cps
125Te (KED)			0 cps
137Ba (KED)	0.608 ppb	3.0 %	3,626 cps
159Tb (KED)	100.299 %	1.1 %	735,789 cps
205Tl (KED)	0.213 ppb	0.7 %	31,203 cps
206Pb (KED)	0.211 ppb	2.9 %	10,288 cps
207Pb (KED)	0.211 ppb	3.0 %	8,923 cps
208Pb (KED)	0.213 ppb	2.2 %	41,467 cps
209Bi (KED)	97.383 %	0.4 %	639,184 cps
232Th (KED)	0.148 ppb	4.6 %	33,976 cps
238U (KED)	0.207 ppb	1.3 %	51,306 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	4562357 100X	Comment	LL 2444
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	12/6/2022 7:57:28 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	104.277 %	10.4 %	3,170 cps
9Be (KED)	0.243 ppb	8.1 %	24 cps
11B (KED)	0.113 ppb	164.7 %	131 cps
23Na (KED)	41.635 ppb	40.8 %	175,646 cps
24Mg (KED)	61.583 ppb	12.0 %	35,888 cps
27Al (KED)	48.625 ppb	9.3 %	9,560 cps
39K (KED)	37.795 ppb	15.7 %	31,881 cps
44Ca (KED)	86.696 ppb	16.7 %	2,760 cps
45Sc (KED)	91.087 %	7.6 %	102,322 cps
47Ti (KED)	0.174 ppb	8.3 %	33 cps
51V (KED)	0.220 ppb	8.7 %	1,502 cps
52Cr (KED)	0.214 ppb	14.9 %	4,530 cps
54Fe (KED)	216.205 ppb	12.6 %	100,489 cps
55Mn (KED)	27.861 ppb	11.2 %	171,404 cps
56Fe (KED)	214.996 ppb	10.9 %	2,397,303 cps
59Co (KED)	0.484 ppb	10.6 %	11,998 cps
60Ni (KED)	0.372 ppb	12.4 %	2,646 cps
63Cu (KED)	0.192 ppb	16.9 %	5,203 cps
66Zn (KED)	6.360 ppb	11.9 %	20,846 cps
74Ge (KED)			15,869 cps
75As (KED)	0.377 ppb	12.4 %	967 cps
77Se (KED)	0.151 ppb	50.7 %	40 cps
78Se (KED)	0.213 ppb	49.7 %	59 cps
82Se (KED)	0.264 ppb	359.3 %	944 cps
83Kr (KED)			523 cps
88Sr (KED)	0.363 ppb	15.2 %	2,187 cps
89Y (KED)	86.010 %	6.6 %	176,365 cps
95Mo (KED)	0.237 ppb	23.1 %	1,833 cps
107Ag (KED)	0.230 ppb	4.7 %	7,526 cps
109Ag (KED)	0.228 ppb	6.2 %	7,706 cps
111Cd (KED)	0.227 ppb	11.1 %	1,083 cps
115In (KED)	96.527 %	5.7 %	332,347 cps
118Sn (KED)	0.234 ppb	29.7 %	4,905 cps
123Sb (KED)	0.226 ppb	13.7 %	2,216 cps
125Te (KED)			0 cps
137Ba (KED)	0.658 ppb	8.4 %	3,767 cps
159Tb (KED)	96.932 %	5.6 %	711,088 cps
205Tl (KED)	0.222 ppb	7.6 %	31,506 cps
206Pb (KED)	0.221 ppb	9.5 %	10,442 cps
207Pb (KED)	0.221 ppb	8.4 %	9,024 cps
208Pb (KED)	0.222 ppb	8.4 %	41,960 cps
209Bi (KED)	94.644 %	4.7 %	621,210 cps
232Th (KED)	0.163 ppb	11.2 %	36,146 cps
238U (KED)	0.222 ppb	8.4 %	53,274 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	J2215752002PS 100X	Comment	LL 2444
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	12/6/2022 8:03:15 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	100.109 %	8.1 %	3,044 cps
9Be (KED)	20.256 ppb	8.6 %	1,869 cps
11B (KED)	20.431 ppb	8.2 %	1,312 cps
23Na (KED)	12.044 ppb	45.3 %	139,496 cps
24Mg (KED)	34.319 ppb	8.1 %	19,893 cps
27Al (KED)	20.942 ppb	3.0 %	4,147 cps
39K (KED)	9.235 ppb	14.0 %	19,305 cps
44Ca (KED)	258.390 ppb	2.3 %	8,089 cps
45Sc (KED)	93.012 %	1.4 %	104,484 cps
47Ti (KED)	22.050 ppb	3.6 %	3,945 cps
51V (KED)	21.717 ppb	0.6 %	144,226 cps
52Cr (KED)	21.488 ppb	2.0 %	204,489 cps
54Fe (KED)	182.717 ppb	0.3 %	87,166 cps
55Mn (KED)	48.975 ppb	1.2 %	307,837 cps
56Fe (KED)	181.396 ppb	0.6 %	2,073,161 cps
59Co (KED)	21.481 ppb	1.0 %	542,378 cps
60Ni (KED)	22.144 ppb	1.9 %	143,582 cps
63Cu (KED)	20.728 ppb	2.3 %	397,643 cps
66Zn (KED)	22.319 ppb	1.8 %	70,041 cps
74Ge (KED)			17,788 cps
75As (KED)	21.824 ppb	1.3 %	55,643 cps
77Se (KED)	22.257 ppb	3.5 %	5,638 cps
78Se (KED)	20.400 ppb	2.7 %	4,380 cps
82Se (KED)	21.199 ppb	2.5 %	5,162 cps
83Kr (KED)			3,290 cps
88Sr (KED)	21.576 ppb	1.0 %	125,310 cps
89Y (KED)	86.554 %	1.4 %	177,481 cps
95Mo (KED)	21.723 ppb	1.1 %	151,959 cps
107Ag (KED)	22.134 ppb	1.2 %	744,140 cps
109Ag (KED)	21.856 ppb	1.0 %	759,798 cps
111Cd (KED)	21.627 ppb	1.5 %	106,862 cps
115In (KED)	99.937 %	0.3 %	344,089 cps
118Sn (KED)	21.016 ppb	0.9 %	239,031 cps
123Sb (KED)	21.393 ppb	0.7 %	208,935 cps
125Te (KED)			16 cps
137Ba (KED)	20.918 ppb	0.8 %	118,140 cps
159Tb (KED)	98.382 %	0.7 %	721,727 cps
205Tl (KED)	21.244 ppb	1.4 %	3,090,815 cps
206Pb (KED)	21.316 ppb	2.2 %	1,003,819 cps
207Pb (KED)	21.356 ppb	1.7 %	873,404 cps
208Pb (KED)	21.554 ppb	1.7 %	4,070,544 cps
209Bi (KED)	97.512 %	1.2 %	640,032 cps
232Th (KED)	21.855 ppb	0.5 %	4,769,459 cps
238U (KED)	21.981 ppb	1.0 %	5,455,961 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	J2215752003 100X	Comment	LL 2444
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	12/6/2022 8:09:03 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	90.131 %	3.9 %	2,740 cps
9Be (KED)	0.017 ppb	40.8 %	2 cps
11B (KED)	0.270 ppb	59.2 %	125 cps
23Na (KED)	32.687 ppb	11.4 %	154,193 cps
24Mg (KED)	10.773 ppb	6.7 %	6,048 cps
27Al (KED)	1.820 ppb	30.2 %	420 cps
39K (KED)	-10.189 ppb	9.5 %	10,284 cps
44Ca (KED)	12.901 ppb	34.6 %	577 cps
45Sc (KED)	93.130 %	0.5 %	104,617 cps
47Ti (KED)	0.063 ppb	34.2 %	14 cps
51V (KED)	0.006 ppb	51.3 %	118 cps
52Cr (KED)	-0.012 ppb	3.9 %	2,512 cps
54Fe (KED)	77.893 ppb	3.7 %	37,779 cps
55Mn (KED)	34.172 ppb	0.8 %	215,136 cps
56Fe (KED)	73.633 ppb	0.7 %	857,919 cps
59Co (KED)	0.032 ppb	3.2 %	857 cps
60Ni (KED)	0.063 ppb	4.9 %	700 cps
63Cu (KED)	-0.039 ppb	14.4 %	897 cps
66Zn (KED)	0.537 ppb	4.3 %	3,448 cps
74Ge (KED)			15,893 cps
75As (KED)	0.025 ppb	6.8 %	84 cps
77Se (KED)	0.002 ppb	1,390.7 %	3 cps
78Se (KED)	0.009 ppb	771.0 %	17 cps
82Se (KED)	0.237 ppb	42.3 %	954 cps
83Kr (KED)			563 cps
88Sr (KED)	0.129 ppb	8.6 %	857 cps
89Y (KED)	86.389 %	0.2 %	177,143 cps
95Mo (KED)	0.096 ppb	17.9 %	883 cps
107Ag (KED)	0.001 ppb	107.1 %	43 cps
109Ag (KED)	0.000 ppb	196.7 %	32 cps
111Cd (KED)	0.000 ppb	76.3 %	3 cps
115In (KED)	97.646 %	1.7 %	336,198 cps
118Sn (KED)	0.039 ppb	26.8 %	2,841 cps
123Sb (KED)	0.006 ppb	43.9 %	148 cps
125Te (KED)			0 cps
137Ba (KED)	0.151 ppb	5.1 %	998 cps
159Tb (KED)	98.012 %	1.7 %	719,013 cps
205Tl (KED)	0.001 ppb	15.8 %	371 cps
206Pb (KED)	0.006 ppb	14.1 %	604 cps
207Pb (KED)	0.006 ppb	7.6 %	530 cps
208Pb (KED)	0.006 ppb	6.6 %	2,450 cps
209Bi (KED)	95.900 %	1.6 %	629,455 cps
232Th (KED)	0.057 ppb	14.1 %	13,865 cps
238U (KED)	0.001 ppb	26.8 %	370 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	4563740	Comment	LL 2458
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	12/6/2022 8:14:50 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	100.000 %	3.1 %	3,040 cps
9Be (KED)	0.008 ppb	4.3 %	1 cps
11B (KED)	0.320 ppb	23.3 %	140 cps
23Na (KED)	-11.017 ppb	263.1 %	112,981 cps
24Mg (KED)	1.281 ppb	19.4 %	947 cps
27Al (KED)	1.265 ppb	27.2 %	333 cps
39K (KED)	-10.072 ppb	22.9 %	10,494 cps
44Ca (KED)	2.201 ppb	132.8 %	250 cps
45Sc (KED)	92.937 %	0.7 %	104,400 cps
47Ti (KED)	0.045 ppb	63.5 %	11 cps
51V (KED)	0.010 ppb	30.1 %	139 cps
52Cr (KED)	-0.126 ppb	7.8 %	1,435 cps
54Fe (KED)	0.554 ppb	51.5 %	1,300 cps
55Mn (KED)	-0.016 ppb	11.8 %	566 cps
56Fe (KED)	-0.013 ppb	246.2 %	26,655 cps
59Co (KED)	0.001 ppb	28.2 %	82 cps
60Ni (KED)	0.088 ppb	13.3 %	862 cps
63Cu (KED)	-0.008 ppb	100.4 %	1,487 cps
66Zn (KED)	0.501 ppb	5.1 %	3,324 cps
74Ge (KED)			15,797 cps
75As (KED)	0.002 ppb	205.1 %	26 cps
77Se (KED)	0.002 ppb	1,259.0 %	3 cps
78Se (KED)	0.041 ppb	174.8 %	23 cps
82Se (KED)	-0.756 ppb	52.1 %	751 cps
83Kr (KED)			450 cps
88Sr (KED)	0.020 ppb	52.7 %	220 cps
89Y (KED)	85.799 %	1.0 %	175,934 cps
95Mo (KED)	0.018 ppb	49.9 %	340 cps
107Ag (KED)	0.003 ppb	44.7 %	127 cps
109Ag (KED)	0.003 ppb	20.6 %	140 cps
111Cd (KED)	0.002 ppb	19.5 %	12 cps
115In (KED)	99.542 %	0.5 %	342,729 cps
118Sn (KED)	0.115 ppb	3.8 %	3,747 cps
123Sb (KED)	0.002 ppb	112.5 %	117 cps
125Te (KED)			0 cps
137Ba (KED)	0.020 ppb	37.5 %	273 cps
159Tb (KED)	97.693 %	1.2 %	716,669 cps
205Tl (KED)	0.003 ppb	2.7 %	572 cps
206Pb (KED)	0.001 ppb	162.2 %	383 cps
207Pb (KED)	0.000 ppb	188.1 %	308 cps
208Pb (KED)	0.001 ppb	70.0 %	1,448 cps
209Bi (KED)	96.830 %	0.7 %	635,558 cps
232Th (KED)	-0.004 ppb	7.0 %	733 cps
238U (KED)	0.002 ppb	17.7 %	650 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	4563741	Comment	LL 2458
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	12/6/2022 8:20:37 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	100.767 %	3.6 %	3,064 cps
9Be (KED)	19.567 ppb	4.3 %	1,820 cps
11B (KED)	19.870 ppb	8.4 %	1,285 cps
23Na (KED)	4,481.710 ppb	4.2 %	5,285,128 cps
24Mg (KED)	4,382.637 ppb	6.5 %	2,497,695 cps
27Al (KED)	4,441.595 ppb	7.1 %	851,371 cps
39K (KED)	4,526.113 ppb	4.0 %	2,037,779 cps
44Ca (KED)	4,606.953 ppb	7.3 %	137,394 cps
45Sc (KED)	90.708 %	5.7 %	101,897 cps
47Ti (KED)	20.631 ppb	4.0 %	3,595 cps
51V (KED)	20.680 ppb	8.4 %	133,464 cps
52Cr (KED)	20.560 ppb	8.2 %	190,273 cps
54Fe (KED)	4,810.965 ppb	8.2 %	2,204,199 cps
55Mn (KED)	20.791 ppb	8.6 %	127,324 cps
56Fe (KED)	4,711.769 ppb	8.4 %	51,654,192 cps
59Co (KED)	20.142 ppb	7.0 %	494,149 cps
60Ni (KED)	21.035 ppb	7.2 %	132,536 cps
63Cu (KED)	19.300 ppb	7.7 %	359,688 cps
66Zn (KED)	603.681 ppb	6.9 %	1,794,182 cps
74Ge (KED)			17,267 cps
75As (KED)	21.133 ppb	6.6 %	52,297 cps
77Se (KED)	19.713 ppb	2.5 %	4,851 cps
78Se (KED)	20.430 ppb	5.8 %	4,257 cps
82Se (KED)	20.992 ppb	4.9 %	4,970 cps
83Kr (KED)			3,434 cps
88Sr (KED)	20.007 ppb	6.5 %	112,681 cps
89Y (KED)	84.039 %	3.8 %	172,324 cps
95Mo (KED)	20.446 ppb	7.0 %	138,319 cps
107Ag (KED)	21.083 ppb	4.9 %	682,787 cps
109Ag (KED)	20.834 ppb	4.6 %	697,258 cps
111Cd (KED)	21.577 ppb	6.8 %	102,517 cps
115In (KED)	96.132 %	3.7 %	330,986 cps
118Sn (KED)	20.267 ppb	7.5 %	221,700 cps
123Sb (KED)	21.467 ppb	6.2 %	202,031 cps
125Te (KED)			14 cps
137Ba (KED)	19.758 ppb	6.7 %	108,157 cps
159Tb (KED)	96.378 %	3.7 %	707,027 cps
205Tl (KED)	20.458 ppb	3.2 %	2,845,461 cps
206Pb (KED)	20.502 ppb	3.6 %	922,473 cps
207Pb (KED)	20.370 ppb	3.1 %	795,476 cps
208Pb (KED)	20.613 ppb	4.2 %	3,714,934 cps
209Bi (KED)	93.030 %	1.4 %	610,617 cps
232Th (KED)	20.725 ppb	3.7 %	4,313,623 cps
238U (KED)	21.529 ppb	2.7 %	5,097,138 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	J2215752007	Comment	LL 2458
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	12/6/2022 8:32:12 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	97.259 %	7.3 %	2,957 cps
9Be (KED)	0.133 ppb	4.1 %	12 cps
11B (KED)	9.661 ppb	8.3 %	668 cps
23Na (KED)	4,888.366 ppb	3.1 %	5,721,184 cps
24Mg (KED)	1,150.365 ppb	4.2 %	653,540 cps
27Al (KED)	209.062 ppb	4.6 %	40,258 cps
39K (KED)	536.289 ppb	4.9 %	260,577 cps
44Ca (KED)	9,517.230 ppb	7.4 %	293,272 cps
45Sc (KED)	93.967 %	5.7 %	105,557 cps
47Ti (KED)	4.126 ppb	9.6 %	748 cps
51V (KED)	0.544 ppb	6.6 %	3,743 cps
52Cr (KED)	0.686 ppb	5.9 %	9,226 cps
54Fe (KED)	725.455 ppb	7.8 %	349,331 cps
55Mn (KED)	74.792 ppb	7.8 %	479,086 cps
56Fe (KED)	700.193 ppb	8.8 %	8,088,803 cps
59Co (KED)	1.084 ppb	7.6 %	28,086 cps
60Ni (KED)	8.880 ppb	8.0 %	59,264 cps
63Cu (KED)	8.547 ppb	8.2 %	169,860 cps
66Zn (KED)	325.370 ppb	8.5 %	1,030,211 cps
74Ge (KED)			16,039 cps
75As (KED)	0.612 ppb	9.6 %	1,654 cps
77Se (KED)	0.065 ppb	63.6 %	20 cps
78Se (KED)	0.122 ppb	75.4 %	42 cps
82Se (KED)	-1.573 ppb	6.0 %	628 cps
83Kr (KED)			347 cps
88Sr (KED)	28.634 ppb	7.8 %	176,910 cps
89Y (KED)	92.440 %	5.0 %	189,551 cps
95Mo (KED)	0.504 ppb	5.7 %	3,924 cps
107Ag (KED)	0.010 ppb	13.4 %	380 cps
109Ag (KED)	0.012 ppb	17.3 %	458 cps
111Cd (KED)	0.170 ppb	10.0 %	846 cps
115In (KED)	99.852 %	4.1 %	343,795 cps
118Sn (KED)	0.718 ppb	10.2 %	10,519 cps
123Sb (KED)	0.301 ppb	10.4 %	3,025 cps
125Te (KED)			0 cps
137Ba (KED)	160.759 ppb	6.5 %	903,364 cps
159Tb (KED)	98.127 %	5.9 %	719,854 cps
205Tl (KED)	0.010 ppb	3.2 %	1,635 cps
206Pb (KED)	3.215 ppb	5.5 %	150,381 cps
207Pb (KED)	3.126 ppb	5.0 %	126,970 cps
208Pb (KED)	3.154 ppb	4.5 %	591,735 cps
209Bi (KED)	96.749 %	3.2 %	635,023 cps
232Th (KED)	0.018 ppb	19.2 %	5,548 cps
238U (KED)	0.050 ppb	8.9 %	12,450 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	CCV J3MS-3019	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	12/6/2022 8:37:59 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	104.715 %	6.9 %	3,184 cps
9Be (KED)	18.368 ppb	2.2 %	1,778 cps
11B (KED)	18.114 ppb	3.2 %	1,231 cps
23Na (KED)	4,317.984 ppb	2.3 %	5,332,923 cps
24Mg (KED)	4,244.237 ppb	0.4 %	2,534,509 cps
27Al (KED)	4,256.502 ppb	1.3 %	856,166 cps
39K (KED)	4,475.245 ppb	2.7 %	2,122,605 cps
44Ca (KED)	4,436.614 ppb	5.1 %	139,743 cps
45Sc (KED)	95.687 %	3.7 %	107,490 cps
47Ti (KED)	19.748 ppb	4.7 %	3,631 cps
51V (KED)	19.673 ppb	6.2 %	134,074 cps
52Cr (KED)	19.497 ppb	5.7 %	190,651 cps
54Fe (KED)	4,629.213 ppb	5.9 %	2,238,914 cps
55Mn (KED)	19.673 ppb	5.9 %	127,218 cps
56Fe (KED)	4,496.071 ppb	5.7 %	52,025,698 cps
59Co (KED)	19.496 ppb	5.2 %	504,527 cps
60Ni (KED)	20.197 ppb	5.7 %	134,219 cps
63Cu (KED)	18.614 ppb	5.9 %	365,804 cps
66Zn (KED)	539.979 ppb	6.0 %	1,691,236 cps
74Ge (KED)			17,893 cps
75As (KED)	20.091 ppb	5.4 %	52,336 cps
77Se (KED)	19.629 ppb	4.9 %	5,078 cps
78Se (KED)	19.546 ppb	9.3 %	4,282 cps
82Se (KED)	20.618 ppb	9.0 %	5,144 cps
83Kr (KED)			3,624 cps
88Sr (KED)	19.534 ppb	7.4 %	115,558 cps
89Y (KED)	88.282 %	3.5 %	181,025 cps
95Mo (KED)	19.868 ppb	6.1 %	141,817 cps
107Ag (KED)	20.112 ppb	5.2 %	692,109 cps
109Ag (KED)	20.031 ppb	5.6 %	712,894 cps
111Cd (KED)	20.001 ppb	6.8 %	101,198 cps
115In (KED)	102.527 %	2.6 %	353,004 cps
118Sn (KED)	19.904 ppb	5.8 %	232,196 cps
123Sb (KED)	19.690 ppb	6.0 %	197,094 cps
125Te (KED)			11 cps
137Ba (KED)	19.181 ppb	4.7 %	111,055 cps
159Tb (KED)	100.924 %	2.9 %	740,371 cps
205Tl (KED)	19.635 ppb	3.3 %	2,820,408 cps
206Pb (KED)	19.523 ppb	4.9 %	906,769 cps
207Pb (KED)	19.929 ppb	5.0 %	803,060 cps
208Pb (KED)	19.949 ppb	4.4 %	3,709,502 cps
209Bi (KED)	95.994 %	2.7 %	630,070 cps
232Th (KED)	21.135 ppb	7.9 %	4,534,645 cps
238U (KED)	20.596 ppb	6.9 %	5,026,907 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	CCB J3MS-3025 J3MS-3029	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	12/6/2022 8:43:46 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	103.948 %	3.6 %	3,160 cps
9Be (KED)	0.014 ppb	44.0 %	2 cps
11B (KED)	-0.123 ppb	19.7 %	118 cps
23Na (KED)	-62.972 ppb	2.4 %	54,348 cps
24Mg (KED)	0.056 ppb	101.0 %	250 cps
27Al (KED)	0.091 ppb	106.7 %	110 cps
39K (KED)	-1.517 ppb	61.3 %	14,759 cps
44Ca (KED)	-0.341 ppb	437.0 %	177 cps
45Sc (KED)	95.048 %	0.3 %	106,771 cps
47Ti (KED)	-0.005 ppb	403.8 %	2 cps
51V (KED)	0.007 ppb	40.8 %	122 cps
52Cr (KED)	-0.015 ppb	54.1 %	2,531 cps
54Fe (KED)	0.477 ppb	52.8 %	1,291 cps
55Mn (KED)	-0.012 ppb	23.4 %	603 cps
56Fe (KED)	0.169 ppb	16.9 %	29,304 cps
59Co (KED)	0.000 ppb	102.3 %	37 cps
60Ni (KED)	0.048 ppb	10.4 %	618 cps
63Cu (KED)	0.002 ppb	337.8 %	1,702 cps
66Zn (KED)	-0.006 ppb	368.1 %	1,816 cps
74Ge (KED)			16,173 cps
75As (KED)	0.006 ppb	30.0 %	38 cps
77Se (KED)	0.027 ppb	140.6 %	10 cps
78Se (KED)	-0.012 ppb	253.0 %	12 cps
82Se (KED)	-0.287 ppb	54.0 %	859 cps
83Kr (KED)			393 cps
88Sr (KED)	0.000 ppb	3,147.2 %	110 cps
89Y (KED)	87.129 %	2.0 %	178,661 cps
95Mo (KED)	0.108 ppb	26.4 %	980 cps
107Ag (KED)	0.000 ppb	59.1 %	33 cps
109Ag (KED)	0.000 ppb	56.7 %	47 cps
111Cd (KED)	0.000 ppb	62.0 %	3 cps
115In (KED)	102.533 %	1.2 %	353,025 cps
118Sn (KED)	0.044 ppb	31.3 %	3,037 cps
123Sb (KED)	0.008 ppb	26.4 %	180 cps
125Te (KED)			0 cps
137Ba (KED)	0.002 ppb	76.0 %	173 cps
159Tb (KED)	101.225 %	1.3 %	742,584 cps
205Tl (KED)	0.001 ppb	7.9 %	368 cps
206Pb (KED)	0.000 ppb	127.8 %	377 cps
207Pb (KED)	0.001 ppb	221.1 %	334 cps
208Pb (KED)	0.001 ppb	49.9 %	1,530 cps
209Bi (KED)	98.147 %	1.1 %	644,199 cps
232Th (KED)	0.037 ppb	10.1 %	9,807 cps
238U (KED)	0.001 ppb	23.8 %	213 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	J2215752007SD 5X	Comment	LL 2458
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	12/6/2022 8:49:31 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	105.483 %	3.2 %	3,207 cps
9Be (KED)	0.021 ppb	58.5 %	2 cps
11B (KED)	2.879 ppb	16.0 %	303 cps
23Na (KED)	931.147 ppb	0.4 %	1,249,094 cps
24Mg (KED)	219.113 ppb	3.4 %	130,529 cps
27Al (KED)	43.460 ppb	3.0 %	8,786 cps
39K (KED)	97.253 ppb	2.9 %	60,537 cps
44Ca (KED)	1,892.089 ppb	1.4 %	58,748 cps
45Sc (KED)	93.990 %	1.3 %	105,583 cps
47Ti (KED)	0.948 ppb	18.3 %	174 cps
51V (KED)	0.107 ppb	3.7 %	793 cps
52Cr (KED)	0.137 ppb	1.9 %	3,962 cps
54Fe (KED)	149.647 ppb	1.2 %	72,559 cps
55Mn (KED)	15.031 ppb	2.6 %	96,265 cps
56Fe (KED)	145.560 ppb	2.5 %	1,692,575 cps
59Co (KED)	0.223 ppb	4.6 %	5,767 cps
60Ni (KED)	6.278 ppb	2.9 %	41,564 cps
63Cu (KED)	1.861 ppb	2.4 %	37,817 cps
66Zn (KED)	63.686 ppb	1.5 %	200,078 cps
74Ge (KED)			16,263 cps
75As (KED)	0.128 ppb	7.6 %	355 cps
77Se (KED)	0.027 ppb	2.1 %	10 cps
78Se (KED)	0.018 ppb	99.2 %	19 cps
82Se (KED)	-0.019 ppb	2,052.6 %	927 cps
83Kr (KED)			467 cps
88Sr (KED)	5.916 ppb	4.9 %	35,347 cps
89Y (KED)	88.907 %	1.6 %	182,306 cps
95Mo (KED)	0.145 ppb	14.6 %	1,260 cps
107Ag (KED)	0.003 ppb	57.8 %	143 cps
109Ag (KED)	0.003 ppb	11.9 %	130 cps
111Cd (KED)	0.033 ppb	4.3 %	166 cps
115In (KED)	102.314 %	1.8 %	352,272 cps
118Sn (KED)	0.239 ppb	23.3 %	5,280 cps
123Sb (KED)	0.056 ppb	2.7 %	657 cps
125Te (KED)			0 cps
137Ba (KED)	31.041 ppb	2.6 %	179,585 cps
159Tb (KED)	100.978 %	1.2 %	740,767 cps
205Tl (KED)	0.002 ppb	8.0 %	498 cps
206Pb (KED)	0.626 ppb	1.9 %	30,241 cps
207Pb (KED)	0.613 ppb	3.7 %	25,702 cps
208Pb (KED)	0.618 ppb	1.7 %	119,588 cps
209Bi (KED)	98.842 %	0.2 %	648,765 cps
232Th (KED)	0.012 ppb	25.5 %	4,301 cps
238U (KED)	0.010 ppb	2.5 %	2,467 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	4563742	Comment	LL 2458
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	12/6/2022 8:55:19 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	100.548 %	3.5 %	3,057 cps
9Be (KED)	20.990 ppb	3.4 %	1,955 cps
11B (KED)	29.623 ppb	1.6 %	1,865 cps
23Na (KED)	9,387.303 ppb	2.6 %	11,124,373 cps
24Mg (KED)	5,608.576 ppb	3.7 %	3,258,477 cps
27Al (KED)	4,640.080 ppb	2.8 %	910,052 cps
39K (KED)	5,164.347 ppb	1.9 %	2,409,168 cps
44Ca (KED)	13,908.519 ppb	4.3 %	432,727 cps
45Sc (KED)	94.655 %	3.3 %	106,330 cps
47Ti (KED)	24.125 ppb	1.8 %	4,403 cps
51V (KED)	20.870 ppb	4.7 %	142,048 cps
52Cr (KED)	20.789 ppb	5.5 %	203,111 cps
54Fe (KED)	5,345.322 ppb	6.3 %	2,592,847 cps
55Mn (KED)	92.819 ppb	3.9 %	600,671 cps
56Fe (KED)	5,134.356 ppb	4.0 %	59,792,255 cps
59Co (KED)	20.700 ppb	4.1 %	541,571 cps
60Ni (KED)	28.976 ppb	4.1 %	194,864 cps
63Cu (KED)	27.366 ppb	4.0 %	546,438 cps
66Zn (KED)	887.850 ppb	4.2 %	2,841,632 cps
74Ge (KED)			17,672 cps
75As (KED)	20.567 ppb	3.5 %	55,558 cps
77Se (KED)	18.057 ppb	6.5 %	4,858 cps
78Se (KED)	19.618 ppb	1.8 %	4,484 cps
82Se (KED)	18.199 ppb	10.3 %	4,875 cps
83Kr (KED)			3,577 cps
88Sr (KED)	46.964 ppb	2.4 %	294,258 cps
89Y (KED)	93.574 %	1.8 %	191,876 cps
95Mo (KED)	19.378 ppb	4.8 %	143,773 cps
107Ag (KED)	20.494 ppb	4.1 %	705,263 cps
109Ag (KED)	20.532 ppb	3.9 %	726,600 cps
111Cd (KED)	21.484 ppb	4.2 %	107,470 cps
115In (KED)	100.177 %	2.8 %	344,914 cps
118Sn (KED)	18.543 ppb	3.6 %	211,932 cps
123Sb (KED)	21.389 ppb	3.8 %	210,192 cps
125Te (KED)			14 cps
137Ba (KED)	178.246 ppb	3.8 %	1,019,756 cps
159Tb (KED)	101.102 %	2.8 %	741,676 cps
205Tl (KED)	20.671 ppb	2.5 %	2,941,675 cps
206Pb (KED)	23.596 ppb	1.9 %	1,085,886 cps
207Pb (KED)	23.736 ppb	2.9 %	947,304 cps
208Pb (KED)	23.856 ppb	3.5 %	4,391,684 cps
209Bi (KED)	94.982 %	1.9 %	623,424 cps
232Th (KED)	19.926 ppb	4.6 %	4,233,430 cps
238U (KED)	22.319 ppb	1.6 %	5,394,759 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	4563743	Comment	LL 2458
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	12/6/2022 9:01:06 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	94.188 %	0.5 %	2,864 cps
9Be (KED)	21.910 ppb	1.9 %	1,919 cps
11B (KED)	31.975 ppb	2.7 %	1,887 cps
23Na (KED)	9,785.924 ppb	1.2 %	11,062,762 cps
24Mg (KED)	5,945.784 ppb	2.7 %	3,299,437 cps
27Al (KED)	4,933.692 ppb	4.0 %	927,219 cps
39K (KED)	5,307.979 ppb	2.7 %	2,404,771 cps
44Ca (KED)	14,706.064 ppb	4.6 %	447,081 cps
45Sc (KED)	92.606 %	3.2 %	104,028 cps
47Ti (KED)	26.245 ppb	7.6 %	4,680 cps
51V (KED)	21.573 ppb	5.9 %	143,596 cps
52Cr (KED)	21.490 ppb	4.7 %	205,320 cps
54Fe (KED)	5,659.301 ppb	6.2 %	2,685,143 cps
55Mn (KED)	97.478 ppb	4.9 %	616,828 cps
56Fe (KED)	5,421.832 ppb	4.7 %	61,742,367 cps
59Co (KED)	21.188 ppb	4.4 %	542,075 cps
60Ni (KED)	29.685 ppb	5.0 %	195,171 cps
63Cu (KED)	27.757 ppb	4.4 %	541,885 cps
66Zn (KED)	916.898 ppb	4.8 %	2,868,844 cps
74Ge (KED)			17,513 cps
75As (KED)	21.194 ppb	4.5 %	55,952 cps
77Se (KED)	18.239 ppb	1.1 %	4,801 cps
78Se (KED)	19.873 ppb	6.5 %	4,435 cps
82Se (KED)	19.518 ppb	6.6 %	5,043 cps
83Kr (KED)			3,671 cps
88Sr (KED)	48.542 ppb	4.2 %	297,116 cps
89Y (KED)	91.442 %	2.3 %	187,503 cps
95Mo (KED)	20.554 ppb	6.6 %	149,388 cps
107Ag (KED)	20.485 ppb	4.7 %	695,254 cps
109Ag (KED)	20.843 ppb	5.0 %	728,070 cps
111Cd (KED)	21.784 ppb	5.9 %	107,637 cps
115In (KED)	99.252 %	4.8 %	341,729 cps
118Sn (KED)	20.130 ppb	6.6 %	227,227 cps
123Sb (KED)	22.132 ppb	6.2 %	214,774 cps
125Te (KED)			20 cps
137Ba (KED)	184.856 ppb	5.5 %	1,040,960 cps
159Tb (KED)	99.066 %	4.5 %	726,742 cps
205Tl (KED)	21.075 ppb	5.1 %	2,962,219 cps
206Pb (KED)	24.455 ppb	4.9 %	1,111,750 cps
207Pb (KED)	24.344 ppb	6.1 %	959,895 cps
208Pb (KED)	24.436 ppb	5.4 %	4,446,213 cps
209Bi (KED)	93.983 %	3.8 %	616,868 cps
232Th (KED)	21.230 ppb	5.4 %	4,459,576 cps
238U (KED)	23.005 ppb	7.3 %	5,493,185 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	J2215752007PS	Comment	LL 2458
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	12/6/2022 9:06:53 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	95.065 %	2.2 %	2,890 cps
9Be (KED)	22.400 ppb	3.0 %	1,974 cps
11B (KED)	31.358 ppb	4.9 %	1,861 cps
23Na (KED)	9,548.840 ppb	3.5 %	10,739,806 cps
24Mg (KED)	5,814.753 ppb	2.5 %	3,207,578 cps
27Al (KED)	4,857.834 ppb	4.0 %	905,199 cps
39K (KED)	5,337.002 ppb	2.2 %	2,373,139 cps
44Ca (KED)	14,108.158 ppb	3.6 %	419,171 cps
45Sc (KED)	90.419 %	3.8 %	101,571 cps
47Ti (KED)	25.953 ppb	7.5 %	4,520 cps
51V (KED)	21.853 ppb	3.6 %	142,304 cps
52Cr (KED)	21.839 ppb	3.8 %	204,107 cps
54Fe (KED)	5,607.622 ppb	4.9 %	2,604,321 cps
55Mn (KED)	94.617 ppb	4.2 %	586,214 cps
56Fe (KED)	5,441.199 ppb	5.4 %	60,663,201 cps
59Co (KED)	21.617 ppb	4.2 %	542,015 cps
60Ni (KED)	29.817 ppb	4.3 %	192,195 cps
63Cu (KED)	27.919 ppb	6.3 %	534,416 cps
66Zn (KED)	911.434 ppb	4.0 %	2,800,725 cps
74Ge (KED)			17,415 cps
75As (KED)	21.910 ppb	5.4 %	56,915 cps
77Se (KED)	19.274 ppb	4.5 %	4,994 cps
78Se (KED)	21.541 ppb	6.9 %	4,732 cps
82Se (KED)	19.936 ppb	11.4 %	5,060 cps
83Kr (KED)			3,514 cps
88Sr (KED)	49.262 ppb	6.4 %	297,626 cps
89Y (KED)	90.447 %	5.9 %	185,463 cps
95Mo (KED)	21.139 ppb	6.2 %	151,563 cps
107Ag (KED)	21.374 ppb	6.7 %	713,280 cps
109Ag (KED)	21.476 ppb	5.6 %	737,687 cps
111Cd (KED)	22.649 ppb	6.5 %	110,002 cps
115In (KED)	97.497 %	4.8 %	335,688 cps
118Sn (KED)	21.807 ppb	7.8 %	241,776 cps
123Sb (KED)	23.016 ppb	6.7 %	220,000 cps
125Te (KED)			22 cps
137Ba (KED)	179.246 ppb	6.8 %	998,886 cps
159Tb (KED)	98.849 %	4.7 %	725,150 cps
205Tl (KED)	21.819 ppb	8.2 %	3,039,759 cps
206Pb (KED)	24.612 ppb	8.2 %	1,108,691 cps
207Pb (KED)	24.809 ppb	8.4 %	969,424 cps
208Pb (KED)	24.852 ppb	7.4 %	4,481,456 cps
209Bi (KED)	93.286 %	6.0 %	612,296 cps
232Th (KED)	23.143 ppb	9.7 %	4,813,441 cps
238U (KED)	22.818 ppb	5.9 %	5,405,491 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	J2215752008	Comment	LL 2458
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	12/6/2022 9:12:41 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	97.587 %	4.6 %	2,967 cps
9Be (KED)	0.023 ppb	58.2 %	2 cps
11B (KED)	17.827 ppb	7.0 %	1,133 cps
23Na (KED)	8,163.600 ppb	6.7 %	9,336,800 cps
24Mg (KED)	1,157.460 ppb	9.4 %	647,160 cps
27Al (KED)	84.164 ppb	10.2 %	15,947 cps
39K (KED)	431.198 ppb	6.9 %	206,218 cps
44Ca (KED)	4,773.903 ppb	8.9 %	142,147 cps
45Sc (KED)	90.710 %	5.7 %	101,898 cps
47Ti (KED)	0.820 ppb	20.1 %	146 cps
51V (KED)	0.303 ppb	10.8 %	2,049 cps
52Cr (KED)	2.002 ppb	9.0 %	21,115 cps
54Fe (KED)	3,892.995 ppb	9.6 %	1,814,634 cps
55Mn (KED)	377.753 ppb	8.9 %	2,347,588 cps
56Fe (KED)	3,731.284 ppb	9.3 %	41,788,562 cps
59Co (KED)	16.032 ppb	8.4 %	404,105 cps
60Ni (KED)	14.262 ppb	8.2 %	92,613 cps
63Cu (KED)	0.969 ppb	8.9 %	20,283 cps
66Zn (KED)	106.659 ppb	8.1 %	331,813 cps
74Ge (KED)			15,586 cps
75As (KED)	9.508 ppb	7.7 %	24,978 cps
77Se (KED)	0.127 ppb	29.7 %	37 cps
78Se (KED)	0.359 ppb	24.5 %	94 cps
82Se (KED)	-0.716 ppb	83.9 %	800 cps
83Kr (KED)			493 cps
88Sr (KED)	87.440 ppb	5.9 %	536,573 cps
89Y (KED)	91.868 %	5.1 %	188,377 cps
95Mo (KED)	0.302 ppb	18.8 %	2,410 cps
107Ag (KED)	0.020 ppb	10.1 %	687 cps
109Ag (KED)	0.018 ppb	1.8 %	642 cps
111Cd (KED)	0.047 ppb	12.5 %	231 cps
115In (KED)	97.789 %	5.2 %	336,691 cps
118Sn (KED)	0.982 ppb	6.9 %	13,216 cps
123Sb (KED)	0.282 ppb	7.5 %	2,786 cps
125Te (KED)			23 cps
137Ba (KED)	21.905 ppb	6.9 %	121,641 cps
159Tb (KED)	97.690 %	5.4 %	716,647 cps
205Tl (KED)	0.235 ppb	8.2 %	33,295 cps
206Pb (KED)	1.871 ppb	8.7 %	85,725 cps
207Pb (KED)	1.806 ppb	9.3 %	71,800 cps
208Pb (KED)	1.816 ppb	7.8 %	333,371 cps
209Bi (KED)	94.651 %	5.4 %	621,255 cps
232Th (KED)	0.078 ppb	14.4 %	18,093 cps
238U (KED)	0.028 ppb	4.7 %	6,835 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	J2215752009	Comment	LL 2458
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	12/6/2022 9:18:28 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	105.264 %	5.2 %	3,200 cps
9Be (KED)	0.076 ppb	2.7 %	8 cps
11B (KED)	7.272 ppb	8.6 %	570 cps
23Na (KED)	4,878.676 ppb	5.9 %	5,950,628 cps
24Mg (KED)	829.136 ppb	6.2 %	489,929 cps
27Al (KED)	108.318 ppb	7.2 %	21,579 cps
39K (KED)	572.849 ppb	4.1 %	278,826 cps
44Ca (KED)	11,012.259 ppb	6.8 %	337,206 cps
45Sc (KED)	93.086 %	4.3 %	104,567 cps
47Ti (KED)	1.962 ppb	9.1 %	356 cps
51V (KED)	0.488 ppb	7.7 %	3,358 cps
52Cr (KED)	1.236 ppb	8.6 %	14,451 cps
54Fe (KED)	631.612 ppb	6.4 %	304,693 cps
55Mn (KED)	2,374.168 ppb	6.4 %	15,223,923 cps
56Fe (KED)	609.388 ppb	7.3 %	7,069,036 cps
59Co (KED)	13.823 ppb	5.1 %	360,274 cps
60Ni (KED)	31.639 ppb	5.1 %	212,121 cps
63Cu (KED)	2.036 ppb	6.2 %	42,227 cps
66Zn (KED)	171.676 ppb	5.2 %	552,540 cps
74Ge (KED)			15,681 cps
75As (KED)	6.153 ppb	4.5 %	16,828 cps
77Se (KED)	0.160 ppb	15.7 %	47 cps
78Se (KED)	0.144 ppb	59.2 %	49 cps
82Se (KED)	-0.778 ppb	134.5 %	816 cps
83Kr (KED)			483 cps
88Sr (KED)	33.597 ppb	3.1 %	215,642 cps
89Y (KED)	95.957 %	2.8 %	196,762 cps
95Mo (KED)	0.114 ppb	28.1 %	1,087 cps
107Ag (KED)	0.013 ppb	8.4 %	467 cps
109Ag (KED)	0.012 ppb	3.0 %	439 cps
111Cd (KED)	1.007 ppb	4.7 %	4,922 cps
115In (KED)	97.020 %	0.9 %	334,045 cps
118Sn (KED)	0.495 ppb	8.0 %	7,821 cps
123Sb (KED)	0.240 ppb	6.1 %	2,376 cps
125Te (KED)			1 cps
137Ba (KED)	39.764 ppb	0.6 %	221,208 cps
159Tb (KED)	98.459 %	1.0 %	722,286 cps
205Tl (KED)	0.099 ppb	2.8 %	14,069 cps
206Pb (KED)	0.914 ppb	3.9 %	42,009 cps
207Pb (KED)	0.877 ppb	3.1 %	35,008 cps
208Pb (KED)	0.892 ppb	2.3 %	164,147 cps
209Bi (KED)	94.286 %	1.7 %	618,860 cps
232Th (KED)	0.041 ppb	8.9 %	10,274 cps
238U (KED)	0.033 ppb	7.5 %	7,889 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	J2215752010	Comment	LL 2458
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	12/6/2022 9:24:16 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	101.535 %	8.5 %	3,087 cps
9Be (KED)	0.035 ppb	65.8 %	4 cps
11B (KED)	7.890 ppb	5.2 %	591 cps
23Na (KED)	3,411.761 ppb	8.1 %	4,151,627 cps
24Mg (KED)	1,616.323 ppb	8.2 %	945,291 cps
27Al (KED)	362.187 ppb	7.2 %	71,622 cps
39K (KED)	492.544 ppb	5.6 %	245,584 cps
44Ca (KED)	2,632.436 ppb	8.4 %	82,687 cps
45Sc (KED)	95.549 %	5.0 %	107,334 cps
47Ti (KED)	1.571 ppb	14.6 %	293 cps
51V (KED)	0.390 ppb	7.5 %	2,800 cps
52Cr (KED)	0.287 ppb	12.4 %	5,618 cps
54Fe (KED)	15,452.864 ppb	8.2 %	7,757,304 cps
55Mn (KED)	206.708 ppb	6.8 %	1,387,865 cps
56Fe (KED)	14,753.226 ppb	7.7 %	178,778,252 cps
59Co (KED)	0.721 ppb	6.4 %	19,874 cps
60Ni (KED)	1.372 ppb	5.3 %	10,029 cps
63Cu (KED)	0.578 ppb	7.1 %	14,039 cps
66Zn (KED)	41.881 ppb	6.7 %	145,575 cps
74Ge (KED)			16,255 cps
75As (KED)	3.247 ppb	6.0 %	9,663 cps
77Se (KED)	0.245 ppb	31.4 %	77 cps
78Se (KED)	0.302 ppb	26.5 %	93 cps
82Se (KED)	-0.831 ppb	31.8 %	892 cps
83Kr (KED)			567 cps
88Sr (KED)	13.438 ppb	6.8 %	95,963 cps
89Y (KED)	106.996 %	4.1 %	219,398 cps
95Mo (KED)	0.071 ppb	38.3 %	840 cps
107Ag (KED)	0.011 ppb	17.0 %	420 cps
109Ag (KED)	0.012 ppb	4.0 %	488 cps
111Cd (KED)	0.034 ppb	15.4 %	175 cps
115In (KED)	100.878 %	4.2 %	347,326 cps
118Sn (KED)	0.309 ppb	14.2 %	6,001 cps
123Sb (KED)	0.093 ppb	6.4 %	1,017 cps
125Te (KED)			21 cps
137Ba (KED)	21.115 ppb	5.1 %	121,339 cps
159Tb (KED)	101.180 %	3.6 %	742,252 cps
205Tl (KED)	0.022 ppb	3.4 %	3,399 cps
206Pb (KED)	1.680 ppb	3.1 %	79,459 cps
207Pb (KED)	1.550 ppb	2.8 %	63,619 cps
208Pb (KED)	1.601 ppb	4.4 %	303,169 cps
209Bi (KED)	97.394 %	2.8 %	639,260 cps
232Th (KED)	0.641 ppb	6.7 %	141,197 cps
238U (KED)	0.192 ppb	4.3 %	47,504 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	J2215752011	Comment	LL 2458
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	12/6/2022 9:30:03 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	100.219 %	7.7 %	3,047 cps
9Be (KED)	0.054 ppb	4.9 %	5 cps
11B (KED)	7.662 ppb	5.6 %	569 cps
23Na (KED)	3,362.612 ppb	5.0 %	4,036,663 cps
24Mg (KED)	1,577.658 ppb	6.0 %	909,515 cps
27Al (KED)	415.282 ppb	3.8 %	80,918 cps
39K (KED)	473.973 ppb	2.1 %	233,014 cps
44Ca (KED)	2,589.143 ppb	2.2 %	80,009 cps
45Sc (KED)	93.759 %	1.3 %	105,323 cps
47Ti (KED)	1.870 ppb	5.9 %	343 cps
51V (KED)	0.424 ppb	2.9 %	2,989 cps
52Cr (KED)	0.333 ppb	1.9 %	5,979 cps
54Fe (KED)	15,724.032 ppb	1.9 %	7,779,774 cps
55Mn (KED)	200.996 ppb	2.8 %	1,329,775 cps
56Fe (KED)	15,045.778 ppb	2.6 %	179,749,195 cps
59Co (KED)	0.694 ppb	1.6 %	18,864 cps
60Ni (KED)	1.316 ppb	1.0 %	9,500 cps
63Cu (KED)	0.591 ppb	3.0 %	14,119 cps
66Zn (KED)	44.611 ppb	0.9 %	152,993 cps
74Ge (KED)			15,945 cps
75As (KED)	3.262 ppb	0.5 %	9,598 cps
77Se (KED)	0.158 ppb	42.8 %	50 cps
78Se (KED)	0.287 ppb	11.7 %	89 cps
82Se (KED)	-1.484 ppb	37.7 %	724 cps
83Kr (KED)			570 cps
88Sr (KED)	13.693 ppb	0.9 %	96,939 cps
89Y (KED)	105.904 %	0.6 %	217,159 cps
95Mo (KED)	0.058 ppb	28.9 %	727 cps
107Ag (KED)	0.014 ppb	22.1 %	510 cps
109Ag (KED)	0.010 ppb	6.3 %	418 cps
111Cd (KED)	0.031 ppb	6.5 %	162 cps
115In (KED)	100.299 %	0.5 %	345,333 cps
118Sn (KED)	0.171 ppb	8.8 %	4,421 cps
123Sb (KED)	0.086 ppb	11.0 %	940 cps
125Te (KED)			22 cps
137Ba (KED)	20.687 ppb	2.1 %	119,282 cps
159Tb (KED)	102.185 %	0.1 %	749,624 cps
205Tl (KED)	0.021 ppb	5.6 %	3,262 cps
206Pb (KED)	1.767 ppb	1.8 %	83,727 cps
207Pb (KED)	1.652 ppb	0.2 %	67,927 cps
208Pb (KED)	1.697 ppb	0.9 %	321,934 cps
209Bi (KED)	97.480 %	0.6 %	639,821 cps
232Th (KED)	0.680 ppb	1.6 %	149,985 cps
238U (KED)	0.201 ppb	2.7 %	49,813 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	J2215752014	Comment	LL 2458
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	12/6/2022 9:41:38 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	95.613 %	6.2 %	2,907 cps
9Be (KED)	0.008 ppb	144.7 %	1 cps
11B (KED)	0.372 ppb	104.1 %	136 cps
23Na (KED)	-59.182 ppb	3.5 %	55,272 cps
24Mg (KED)	1.909 ppb	3.9 %	1,270 cps
27Al (KED)	3.332 ppb	13.7 %	713 cps
39K (KED)	-10.960 ppb	6.2 %	9,927 cps
44Ca (KED)	85.405 ppb	3.7 %	2,764 cps
45Sc (KED)	92.046 %	2.2 %	103,399 cps
47Ti (KED)	0.020 ppb	90.0 %	7 cps
51V (KED)	0.007 ppb	35.1 %	123 cps
52Cr (KED)	-0.104 ppb	6.0 %	1,629 cps
54Fe (KED)	3.769 ppb	19.1 %	2,790 cps
55Mn (KED)	0.191 ppb	11.5 %	1,847 cps
56Fe (KED)	3.265 ppb	5.5 %	63,166 cps
59Co (KED)	0.005 ppb	40.2 %	158 cps
60Ni (KED)	0.716 ppb	1.4 %	4,889 cps
63Cu (KED)	0.036 ppb	12.1 %	2,304 cps
66Zn (KED)	3.791 ppb	3.5 %	13,314 cps
74Ge (KED)			16,031 cps
75As (KED)	0.004 ppb	27.2 %	32 cps
77Se (KED)	0.002 ppb	1,242.1 %	3 cps
78Se (KED)	-0.010 ppb	539.0 %	12 cps
82Se (KED)	-0.531 ppb	199.2 %	797 cps
83Kr (KED)			543 cps
88Sr (KED)	0.138 ppb	10.9 %	907 cps
89Y (KED)	86.511 %	3.0 %	177,393 cps
95Mo (KED)	0.022 ppb	31.8 %	370 cps
107Ag (KED)	0.001 ppb	66.2 %	67 cps
109Ag (KED)	0.001 ppb	102.8 %	56 cps
111Cd (KED)	0.000 ppb	155.6 %	2 cps
115In (KED)	98.434 %	2.8 %	338,914 cps
118Sn (KED)	0.250 ppb	11.4 %	5,213 cps
123Sb (KED)	0.000 ppb	10,208.0 %	92 cps
125Te (KED)			0 cps
137Ba (KED)	3.732 ppb	3.2 %	21,285 cps
159Tb (KED)	100.689 %	3.1 %	738,649 cps
205Tl (KED)	0.000 ppb	46.3 %	137 cps
206Pb (KED)	0.003 ppb	26.2 %	497 cps
207Pb (KED)	0.002 ppb	43.0 %	393 cps
208Pb (KED)	0.003 ppb	35.1 %	1,834 cps
209Bi (KED)	96.710 %	2.2 %	634,772 cps
232Th (KED)	-0.004 ppb	13.3 %	767 cps
238U (KED)	0.000 ppb	318.3 %	67 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	CCV J3MS-3019	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	12/6/2022 9:47:26 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	92.981 %	2.4 %	2,827 cps
9Be (KED)	19.908 ppb	3.7 %	1,724 cps
11B (KED)	20.621 ppb	2.2 %	1,246 cps
23Na (KED)	4,452.685 ppb	0.7 %	5,092,998 cps
24Mg (KED)	4,478.110 ppb	0.8 %	2,483,934 cps
27Al (KED)	4,375.096 ppb	1.3 %	823,699 cps
39K (KED)	4,502.807 ppb	1.8 %	2,062,890 cps
44Ca (KED)	4,377.242 ppb	2.4 %	135,065 cps
45Sc (KED)	93.891 %	0.8 %	105,471 cps
47Ti (KED)	19.385 ppb	4.5 %	3,502 cps
51V (KED)	19.598 ppb	0.5 %	131,435 cps
52Cr (KED)	19.153 ppb	0.9 %	184,384 cps
54Fe (KED)	4,528.264 ppb	1.3 %	2,156,731 cps
55Mn (KED)	19.308 ppb	1.1 %	122,979 cps
56Fe (KED)	4,406.432 ppb	0.4 %	50,229,417 cps
59Co (KED)	18.961 ppb	0.6 %	483,656 cps
60Ni (KED)	19.783 ppb	1.2 %	129,621 cps
63Cu (KED)	18.209 ppb	0.8 %	353,161 cps
66Zn (KED)	527.665 ppb	0.2 %	1,632,235 cps
74Ge (KED)			17,475 cps
75As (KED)	19.543 ppb	1.3 %	50,374 cps
77Se (KED)	18.667 ppb	8.3 %	4,784 cps
78Se (KED)	18.823 ppb	3.3 %	4,086 cps
82Se (KED)	19.823 ppb	5.8 %	4,938 cps
83Kr (KED)			3,407 cps
88Sr (KED)	19.633 ppb	1.9 %	115,349 cps
89Y (KED)	87.586 %	3.5 %	179,596 cps
95Mo (KED)	19.714 ppb	1.3 %	139,576 cps
107Ag (KED)	19.700 ppb	2.3 %	670,448 cps
109Ag (KED)	19.314 ppb	2.3 %	679,757 cps
111Cd (KED)	19.535 ppb	1.9 %	97,728 cps
115In (KED)	101.213 %	1.1 %	348,481 cps
118Sn (KED)	19.328 ppb	2.1 %	223,222 cps
123Sb (KED)	19.178 ppb	2.4 %	190,589 cps
125Te (KED)			23 cps
137Ba (KED)	18.313 ppb	2.9 %	106,145 cps
159Tb (KED)	102.384 %	4.2 %	751,083 cps
205Tl (KED)	19.635 ppb	3.7 %	2,814,921 cps
206Pb (KED)	19.373 ppb	4.3 %	897,715 cps
207Pb (KED)	19.617 ppb	3.3 %	788,540 cps
208Pb (KED)	19.611 ppb	3.5 %	3,635,873 cps
209Bi (KED)	95.660 %	3.0 %	627,875 cps
232Th (KED)	21.157 ppb	3.6 %	4,526,233 cps
238U (KED)	21.075 ppb	4.6 %	5,126,739 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	CCB J3MS-3025 J3MS-3029	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	12/6/2022 9:53:13 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	98.904 %	13.9 %	3,007 cps
9Be (KED)	0.016 ppb	91.1 %	2 cps
11B (KED)	0.170 ppb	208.6 %	129 cps
23Na (KED)	-70.269 ppb	4.1 %	44,141 cps
24Mg (KED)	-0.042 ppb	117.2 %	187 cps
27Al (KED)	0.194 ppb	69.5 %	127 cps
39K (KED)	-1.591 ppb	86.3 %	14,605 cps
44Ca (KED)	-0.137 ppb	1,721.8 %	183 cps
45Sc (KED)	95.132 %	1.6 %	106,866 cps
47Ti (KED)	0.007 ppb	304.3 %	4 cps
51V (KED)	0.011 ppb	35.9 %	150 cps
52Cr (KED)	-0.020 ppb	27.6 %	2,494 cps
54Fe (KED)	0.634 ppb	30.6 %	1,376 cps
55Mn (KED)	-0.009 ppb	119.6 %	623 cps
56Fe (KED)	0.161 ppb	43.4 %	29,458 cps
59Co (KED)	0.000 ppb	235.3 %	44 cps
60Ni (KED)	0.029 ppb	8.5 %	492 cps
63Cu (KED)	-0.003 ppb	85.0 %	1,620 cps
66Zn (KED)	-0.015 ppb	186.8 %	1,813 cps
74Ge (KED)			16,158 cps
75As (KED)	0.007 ppb	76.9 %	41 cps
77Se (KED)	0.078 ppb	113.8 %	23 cps
78Se (KED)	0.067 ppb	77.4 %	30 cps
82Se (KED)	-0.149 ppb	708.9 %	912 cps
83Kr (KED)			487 cps
88Sr (KED)	-0.005 ppb	76.3 %	83 cps
89Y (KED)	90.051 %	0.9 %	184,652 cps
95Mo (KED)	0.104 ppb	12.5 %	977 cps
107Ag (KED)	0.000 ppb	1,839.2 %	23 cps
109Ag (KED)	0.000 ppb	91.5 %	41 cps
111Cd (KED)	0.000 ppb	152.8 %	3 cps
115In (KED)	101.473 %	2.1 %	349,376 cps
118Sn (KED)	0.041 ppb	20.8 %	2,988 cps
123Sb (KED)	0.008 ppb	50.7 %	173 cps
125Te (KED)			0 cps
137Ba (KED)	0.001 ppb	535.9 %	171 cps
159Tb (KED)	104.066 %	1.9 %	763,422 cps
205Tl (KED)	0.001 ppb	8.8 %	369 cps
206Pb (KED)	0.001 ppb	240.6 %	394 cps
207Pb (KED)	0.000 ppb	432.5 %	312 cps
208Pb (KED)	0.001 ppb	62.9 %	1,469 cps
209Bi (KED)	98.701 %	0.6 %	647,840 cps
232Th (KED)	0.035 ppb	9.2 %	9,484 cps
238U (KED)	0.001 ppb	42.8 %	227 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	J2215752004	Comment	LL 2458
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	12/6/2022 9:58:58 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	98.574 %	6.6 %	2,997 cps
9Be (KED)	0.019 ppb	60.7 %	2 cps
11B (KED)	13.924 ppb	7.0 %	919 cps
23Na (KED)	9,817.735 ppb	4.9 %	11,319,881 cps
24Mg (KED)	3,828.759 ppb	4.7 %	2,164,778 cps
27Al (KED)	657.127 ppb	3.8 %	125,401 cps
39K (KED)	1,585.751 ppb	1.5 %	726,771 cps
44Ca (KED)	56,111.589 ppb	2.1 %	1,688,244 cps
45Sc (KED)	91.441 %	1.0 %	102,720 cps
47Ti (KED)	8.137 ppb	2.9 %	1,437 cps
51V (KED)	2.374 ppb	3.7 %	15,678 cps
52Cr (KED)	1.147 ppb	2.1 %	13,280 cps
54Fe (KED)	5,582.339 ppb	2.9 %	2,616,329 cps
55Mn (KED)	209.399 ppb	1.4 %	1,307,864 cps
56Fe (KED)	5,450.819 ppb	1.6 %	61,296,864 cps
59Co (KED)	0.486 ppb	1.4 %	12,323 cps
60Ni (KED)	2.414 ppb	1.8 %	15,942 cps
63Cu (KED)	2.476 ppb	1.9 %	49,202 cps
66Zn (KED)	580.935 ppb	1.3 %	1,794,252 cps
74Ge (KED)			15,556 cps
75As (KED)	0.847 ppb	3.1 %	2,226 cps
77Se (KED)	0.156 ppb	63.4 %	43 cps
78Se (KED)	0.473 ppb	6.5 %	119 cps
82Se (KED)	-1.103 ppb	49.0 %	708 cps
83Kr (KED)			587 cps
88Sr (KED)	92.656 ppb	1.8 %	558,445 cps
89Y (KED)	90.005 %	1.5 %	184,557 cps
95Mo (KED)	2.326 ppb	2.2 %	16,675 cps
107Ag (KED)	0.016 ppb	12.0 %	553 cps
109Ag (KED)	0.016 ppb	4.1 %	573 cps
111Cd (KED)	0.049 ppb	1.3 %	229 cps
115In (KED)	93.319 %	2.4 %	321,300 cps
118Sn (KED)	0.405 ppb	5.3 %	6,586 cps
123Sb (KED)	0.114 ppb	3.9 %	1,131 cps
125Te (KED)			1 cps
137Ba (KED)	1,348.515 ppb	1.0 %	7,278,015 cps
159Tb (KED)	96.469 %	1.3 %	707,693 cps
205Tl (KED)	0.010 ppb	3.8 %	1,453 cps
206Pb (KED)	1.356 ppb	0.9 %	58,639 cps
207Pb (KED)	1.292 ppb	2.0 %	48,439 cps
208Pb (KED)	1.314 ppb	1.5 %	227,014 cps
209Bi (KED)	88.649 %	1.6 %	581,858 cps
232Th (KED)	0.088 ppb	9.9 %	18,985 cps
238U (KED)	0.269 ppb	3.7 %	60,628 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	CCV J3MS-3019	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	12/6/2022 10:56:56 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	95.833 %	6.4 %	2,914 cps
9Be (KED)	19.736 ppb	6.5 %	1,749 cps
11B (KED)	19.237 ppb	8.3 %	1,192 cps
23Na (KED)	4,417.309 ppb	5.1 %	5,051,906 cps
24Mg (KED)	4,443.798 ppb	3.8 %	2,460,675 cps
27Al (KED)	4,438.524 ppb	4.4 %	829,829 cps
39K (KED)	4,481.705 ppb	3.0 %	1,997,398 cps
44Ca (KED)	4,510.901 ppb	3.5 %	134,196 cps
45Sc (KED)	90.409 %	2.7 %	101,560 cps
47Ti (KED)	19.977 ppb	2.1 %	3,477 cps
51V (KED)	20.221 ppb	2.1 %	130,788 cps
52Cr (KED)	20.030 ppb	2.4 %	185,899 cps
54Fe (KED)	4,700.657 ppb	3.7 %	2,160,692 cps
55Mn (KED)	20.042 ppb	2.5 %	123,252 cps
56Fe (KED)	4,514.479 ppb	4.3 %	49,699,088 cps
59Co (KED)	19.420 ppb	2.8 %	478,954 cps
60Ni (KED)	20.205 ppb	2.3 %	128,061 cps
63Cu (KED)	18.539 ppb	3.0 %	348,117 cps
66Zn (KED)	548.660 ppb	2.4 %	1,644,895 cps
74Ge (KED)			17,107 cps
75As (KED)	19.993 ppb	1.8 %	50,117 cps
77Se (KED)	17.965 ppb	4.2 %	4,477 cps
78Se (KED)	19.390 ppb	3.9 %	4,100 cps
82Se (KED)	20.284 ppb	2.1 %	4,909 cps
83Kr (KED)			3,310 cps
88Sr (KED)	19.851 ppb	2.4 %	113,965 cps
89Y (KED)	85.585 %	0.7 %	175,495 cps
95Mo (KED)	20.608 ppb	2.3 %	141,127 cps
107Ag (KED)	20.262 ppb	1.8 %	654,670 cps
109Ag (KED)	20.418 ppb	1.6 %	680,234 cps
111Cd (KED)	20.568 ppb	1.3 %	97,118 cps
115In (KED)	94.973 %	0.6 %	326,997 cps
118Sn (KED)	20.578 ppb	0.4 %	223,477 cps
123Sb (KED)	20.562 ppb	0.8 %	193,158 cps
125Te (KED)			20 cps
137Ba (KED)	18.920 ppb	0.4 %	104,947 cps
159Tb (KED)	99.784 %	1.1 %	732,010 cps
205Tl (KED)	20.030 ppb	1.5 %	2,771,400 cps
206Pb (KED)	19.851 ppb	1.0 %	887,806 cps
207Pb (KED)	20.194 ppb	0.8 %	783,094 cps
208Pb (KED)	20.244 ppb	1.2 %	3,620,009 cps
209Bi (KED)	92.185 %	0.9 %	605,070 cps
232Th (KED)	21.883 ppb	2.2 %	4,514,447 cps
238U (KED)	22.175 ppb	1.7 %	5,203,145 cps

Concentrations

12/7/2022 7:35:45 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	CCB J3MS-3025 J3MS-3029	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	12/6/2022 11:02:43 PM		

Labbook:	221206R2.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/6/2022 2:42:27 PM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/7/2022 7:35:25 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	96.381 %	4.0 %	2,930 cps
9Be (KED)	0.001 ppb	1,065.6 %	0 cps
11B (KED)	-0.028 ppb	534.7 %	115 cps
23Na (KED)	-72.913 ppb	1.6 %	39,877 cps
24Mg (KED)	0.234 ppb	40.6 %	333 cps
27Al (KED)	0.103 ppb	195.8 %	107 cps
39K (KED)	-0.154 ppb	699.3 %	14,675 cps
44Ca (KED)	-0.102 ppb	1,678.2 %	177 cps
45Sc (KED)	91.170 %	5.2 %	102,415 cps
47Ti (KED)	0.008 ppb	369.1 %	4 cps
51V (KED)	0.000 ppb	1,662.7 %	73 cps
52Cr (KED)	-0.020 ppb	41.2 %	2,397 cps
54Fe (KED)	0.819 ppb	19.7 %	1,406 cps
55Mn (KED)	0.026 ppb	61.9 %	819 cps
56Fe (KED)	0.122 ppb	154.3 %	27,824 cps
59Co (KED)	0.000 ppb	229.6 %	50 cps
60Ni (KED)	0.018 ppb	25.8 %	408 cps
63Cu (KED)	-0.003 ppb	171.8 %	1,560 cps
66Zn (KED)	-0.008 ppb	402.3 %	1,770 cps
74Ge (KED)			15,364 cps
75As (KED)	0.006 ppb	7.1 %	38 cps
77Se (KED)	0.001 ppb	2,950.6 %	3 cps
78Se (KED)	0.032 ppb	176.0 %	21 cps
82Se (KED)	0.209 ppb	125.6 %	953 cps
83Kr (KED)			517 cps
88Sr (KED)	0.004 ppb	104.2 %	133 cps
89Y (KED)	87.482 %	7.2 %	179,385 cps
95Mo (KED)	0.091 ppb	16.5 %	853 cps
107Ag (KED)	0.001 ppb	62.0 %	43 cps
109Ag (KED)	0.000 ppb	134.6 %	44 cps
111Cd (KED)	0.000 ppb	99.4 %	3 cps
115In (KED)	97.467 %	5.0 %	335,585 cps
118Sn (KED)	0.044 ppb	28.9 %	2,900 cps
123Sb (KED)	0.005 ppb	80.4 %	139 cps
125Te (KED)			0 cps
137Ba (KED)	0.002 ppb	342.4 %	169 cps
159Tb (KED)	100.194 %	6.5 %	735,021 cps
205Tl (KED)	0.001 ppb	23.8 %	357 cps
206Pb (KED)	0.000 ppb	565.6 %	351 cps
207Pb (KED)	0.001 ppb	83.4 %	332 cps
208Pb (KED)	0.001 ppb	63.0 %	1,459 cps
209Bi (KED)	95.318 %	4.2 %	625,632 cps
232Th (KED)	0.033 ppb	11.4 %	8,736 cps
238U (KED)	0.001 ppb	17.7 %	250 cps

Sample List Summary

12/9/2022 7:10:47 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

LabBook	221208R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Created by (User)	LAB-AELLAB\Jax-uICP…	Creation time	12/8/2022 8:45:54 AM
Last changed by (User)	LAB-AELLAB\Jax-uICP…	Last change time	12/9/2022 7:09:03 AM

Label	Sample Type	Start time	Comment
RB J3MS-3025 J3MS-3032	BLK	12/8/2022 8:47:38 AM	LL
CALB J3MS-3025 J3MS-3032	BLK	12/8/2022 8:53:20 AM	LL
ICAL1 J3MS-3016	STD	12/8/2022 8:59:05 AM	LL
ICAL2 J3MS-3017	STD	12/8/2022 9:04:50 AM	LL
ICAL3 J3MS-3018	STD	12/8/2022 9:10:34 AM	LL
ICAL4 J3MS-3031	STD	12/8/2022 9:16:20 AM	LL
ICAL5 J3MS-3020	STD	12/8/2022 9:22:06 AM	LL
ICAL6 J3MS-3021	STD	12/8/2022 9:27:52 AM	LL
ICAL7 J3MS-3022	STD	12/8/2022 9:33:38 AM	LL
RINSE	UNKNOWN	12/8/2022 9:39:24 AM	LL
ICV1 J3MS-3023	QC	12/8/2022 9:45:09 AM	LL
IB J3MS-3025 J3MS-3032	QC	12/8/2022 9:50:55 AM	LL
LLCCV1 J3MS-3016	QC	12/8/2022 9:56:40 AM	LL
LLCCV2 J3MS-3017	QC	12/8/2022 10:02:24 AM	LL
ICSA J3MS-3024	QC	12/8/2022 10:08:09 AM	LL
J2215752006 200X	UNKNOWN	12/8/2022 10:18:58 AM	LL 2458
J2215752006 100X	UNKNOWN	12/8/2022 10:24:43 AM	LL 2458
J2215752006 50X	UNKNOWN	12/8/2022 10:30:28 AM	LL 2458
J2215752008 10X	UNKNOWN	12/8/2022 10:36:13 AM	LL 2458
J2215752009 50X	UNKNOWN	12/8/2022 10:41:58 AM	LL 2458
J2215752010 10X	UNKNOWN	12/8/2022 10:47:43 AM	LL 2458
J2215752011 10X	UNKNOWN	12/8/2022 10:53:28 AM	LL 2458
J2215752012 50X	UNKNOWN	12/8/2022 10:59:13 AM	LL 2458
J2215752012 20X	UNKNOWN	12/8/2022 11:04:59 AM	LL 2458
J2215752004 10X	UNKNOWN	12/8/2022 11:10:45 AM	LL 2458
CCV J3MS-3031	QC	12/8/2022 11:16:31 AM	LL
CCB J3MS-3025 J3MS-3032	QC	12/8/2022 11:22:18 AM	LL
J2216039002 200X	UNKNOWN	12/8/2022 11:28:02 AM	LL 2458
J2216039002 100X	UNKNOWN	12/8/2022 11:33:49 AM	LL 2458
J2216039003 200X	UNKNOWN	12/8/2022 11:39:36 AM	LL 2458
J2216039003 100X	UNKNOWN	12/8/2022 11:45:21 AM	LL 2458
J2216039004 50X	UNKNOWN	12/8/2022 11:51:06 AM	LL 2458
J2216039005 100X	UNKNOWN	12/8/2022 11:56:51 AM	LL 2458
J2216039006 10X	UNKNOWN	12/8/2022 12:02:36 PM	LL 2458
J2216039009 10X	UNKNOWN	12/8/2022 12:08:22 PM	LL 2458
J2216039010 5X	UNKNOWN	12/8/2022 12:14:08 PM	LL 2470
J2216039010SD 25X	UNKNOWN	12/8/2022 12:19:54 PM	LL 2470
CCV J3MS-3031	QC	12/8/2022 12:25:39 PM	LL
CCB J3MS-3025 J3MS-3032	QC	12/8/2022 12:31:27 PM	LL
4572146 5X	UNKNOWN	12/8/2022 12:37:11 PM	LL 2470
4572147 5X	UNKNOWN	12/8/2022 12:42:57 PM	LL 2470
J2216039010PS 5X	UNKNOWN	12/8/2022 12:48:44 PM	LL 2470

Sample List Summary

12/9/2022 7:10:47 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Label	Sample Type	Start time	Comment
4574477	UNKNOWN	12/8/2022 12:54:31 PM	LL 2472
4574478	UNKNOWN	12/8/2022 1:00:18 PM	LL 2472
J2216487004	UNKNOWN	12/8/2022 1:06:03 PM	LL 2472
J2216487005	UNKNOWN	12/8/2022 1:11:49 PM	LL 2472
J2216487007	UNKNOWN	12/8/2022 1:17:35 PM	LL 2472
J2216487008	UNKNOWN	12/8/2022 1:23:21 PM	LL 2472
J2216487010	UNKNOWN	12/8/2022 1:29:06 PM	LL 2472
CCV J3MS-3031	QC	12/8/2022 1:34:52 PM	LL
CCB J3MS-3025 J3MS-3032	QC	12/8/2022 1:40:39 PM	LL
J2216487011	UNKNOWN	12/8/2022 1:46:24 PM	LL 2472
J2216487012	UNKNOWN	12/8/2022 1:52:10 PM	LL 2472
J2216487014	UNKNOWN	12/8/2022 1:57:55 PM	LL 2472
J2216487015	UNKNOWN	12/8/2022 2:03:42 PM	LL 2472
J2216487017	UNKNOWN	12/8/2022 2:09:28 PM	LL 2472
J2216487018	UNKNOWN	12/8/2022 2:15:15 PM	LL 2472
J2216487019	UNKNOWN	12/8/2022 2:21:01 PM	LL 2472
J2216487021	UNKNOWN	12/8/2022 2:26:47 PM	LL 2472
J2216487022	UNKNOWN	12/8/2022 2:32:33 PM	LL 2472
J2216487024	UNKNOWN	12/8/2022 2:38:19 PM	LL 2472
CCV J3MS-3031	QC	12/8/2022 2:44:05 PM	LL
CCB J3MS-3025 J3MS-3032	QC	12/8/2022 2:49:52 PM	LL
J2216487024SD 5X	UNKNOWN	12/8/2022 2:55:36 PM	LL 2472
4574479	UNKNOWN	12/8/2022 3:01:23 PM	LL 2472
4574480	UNKNOWN	12/8/2022 3:07:09 PM	LL 2472
J2216487024PS	UNKNOWN	12/8/2022 3:12:55 PM	LL 2472
J2216487028	UNKNOWN	12/8/2022 3:18:41 PM	LL 2472
J2216487029	UNKNOWN	12/8/2022 3:24:27 PM	LL 2472
J2216577008	UNKNOWN	12/8/2022 3:30:14 PM	LL 2472
J2216577008SD 5X	UNKNOWN	12/8/2022 3:36:00 PM	LL 2472
4574481	UNKNOWN	12/8/2022 3:41:47 PM	LL 2472
4574482	UNKNOWN	12/8/2022 3:47:33 PM	LL 2472
CCV J3MS-3031	QC	12/8/2022 3:53:20 PM	LL
CCB J3MS-3025 J3MS-3032	QC	12/8/2022 3:59:07 PM	LL
J2216577008PS	UNKNOWN	12/8/2022 4:04:51 PM	LL 2472
J2216577011	UNKNOWN	12/8/2022 4:10:38 PM	LL 2472
J2216577011SD 5X	UNKNOWN	12/8/2022 4:16:24 PM	LL 2472
4574483	UNKNOWN	12/8/2022 4:22:11 PM	LL 2472
4574484	UNKNOWN	12/8/2022 4:27:57 PM	LL 2472
J2216577011PS	UNKNOWN	12/8/2022 4:33:43 PM	LL 2472
J2216577014	UNKNOWN	12/8/2022 4:39:30 PM	LL 2472
4575129	UNKNOWN	12/8/2022 4:45:16 PM	LL 2473
4575130	UNKNOWN	12/8/2022 4:51:03 PM	LL 2473
J2216577016	UNKNOWN	12/8/2022 4:56:50 PM	LL 2473
CCV J3MS-3031	QC	12/8/2022 5:02:37 PM	LL
CCB J3MS-3025 J3MS-3032	QC	12/8/2022 5:08:24 PM	LL
J2216577016SD 5X	UNKNOWN	12/8/2022 5:14:08 PM	LL 2473
4575131	UNKNOWN	12/8/2022 5:19:55 PM	LL 2473
4575132	UNKNOWN	12/8/2022 5:25:42 PM	LL 2473

Sample List Summary

12/9/2022 7:10:47 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Label	Sample Type	Start time	Comment
J2216577016PS	UNKNOWN	12/8/2022 5:31:29 PM	LL 2473
J2216577020	UNKNOWN	12/8/2022 5:37:16 PM	LL 2473
J2216577021	UNKNOWN	12/8/2022 5:43:03 PM	LL 2473
J2216577025	UNKNOWN	12/8/2022 5:48:50 PM	LL 2473
J2216577030	UNKNOWN	12/8/2022 5:54:37 PM	LL 2473
J2216577032	UNKNOWN	12/8/2022 6:00:24 PM	LL 2473
J2216577033	UNKNOWN	12/8/2022 6:06:11 PM	LL 2473
CCV J3MS-3031	QC	12/8/2022 6:11:58 PM	LL
CCB J3MS-3025 J3MS-3032	QC	12/8/2022 6:17:45 PM	LL
J2216577034	UNKNOWN	12/8/2022 6:23:30 PM	LL 2473
J2216577037	UNKNOWN	12/8/2022 6:29:17 PM	LL 2473
CCV J3MS-3031	QC	12/8/2022 6:35:04 PM	LL
CCB J3MS-3025 J3MS-3032	QC	12/8/2022 6:40:51 PM	LL
RINSE	UNKNOWN	12/8/2022 6:46:36 PM	LL
RINSE	UNKNOWN	12/8/2022 6:52:21 PM	LL
RINSE	UNKNOWN	12/8/2022 6:58:05 PM	LL

Performance Report

System

Start time:	12/8/2022 8:29:35 AM
Instrument:	iCAP RQ
Operator:	LAB-AELLAB\Jax-uICPMS3
Template:	KED 2
Instrument Serial Number:	RQ02518
Last Autotune:	Autotune-SourceTune High Matrix-20221205-084058178.imatdat
Solution:	No solution specified

Sensitivity & Stability Test

Result	Runs	Sweeps
Passed	5	30

Sensitivity

Analyte	Result	Value	Condition	Limit
Bkg4.5	Passed	0.022 CPS	Less than	0.5 CPS
Bkg220.7	Passed	0.47 CPS	Less than	2.0 CPS
59Co/35Cl.16O	Passed	42.3	Greater than	16.0
59Co	Passed	49,742.0 CPS	Greater than	25,000.0 CPS
238U	Passed	541,585.0 CPS	Greater than	80,000.0 CPS
140Ce.16O/140Ce	Passed	0.008	Less than	0.02
115In	Passed	59,248.0 CPS	Greater than	30,000.0 CPS

Stability

Analyte	Value	Limit
59Co	0.7%	2
238U	0.4%	2
115In	0.2%	2

Mass Calibration Test

Result	Channels	Dwell	MeasureWidth	PointSpacing	Sweeps
Passed	75	0.04	1.5	0.02	5

Analyte	Result	Centroid Mass [u]	Offset	Peak width [u]	Peak width min [u]	Peak width max [u]
59Co	Passed	58.9836	0.0504	0.694	0.650	0.850
115In	Passed	114.9302	0.0263	0.705	0.650	0.850
238U	Passed	238.0752	0.0244	0.689	0.650	0.850

Tune Settings

Parameter	Value
Additional Gas Flow 1	0.00
Additional Gas Flow 2	0.00
Additional Gas Flow 3	0.00
Angular Deflection	-382.40
Auxilliary Flow	0.80
CCT Bias	-21.00
CCT Entry Lens	-98.00
CCT Exit Lens	-39.99
CCT Focus Lens	-9.88
CCT1 Flow	4.45
CCT1 Shut-Off Valve	1.00
CCT2 Flow	0.00
CCT2 Shut-Off Valve	0.00
Cool Flow	14.00
D1 Lens	-349.40
D2 Lens	-158.00
Deflection Entry Lens	-35.00
Dry Pump Speed	100.00
Extraction Lens 1 Negative	0.00
Extraction Lens 1 Polarity	0.00
Extraction Lens 1 Positive	0.00
Extraction Lens 2	-124.33
Focus Lens	-9.50
Nebulizer Flow	0.95
Peristaltic Pump Speed	30.00
Plasma Power	1550.00
Pole Bias	-18.00
Quad Entry Lens	-62.00
Sampling Depth	5.00
Spray Chamber Temperature	4.00
Torch Horizontal Position	-0.12
Torch Vertical Position	-1.15
Virtual CCT Mass Maximum Dac Limit Set	4095.00
Virtual CCT Mass parameter b	1.00
Virtual CCT Mass to Dac Factor	60.00
Virtual CCT Mass to Dac Offset	140.01

Vacuum Check

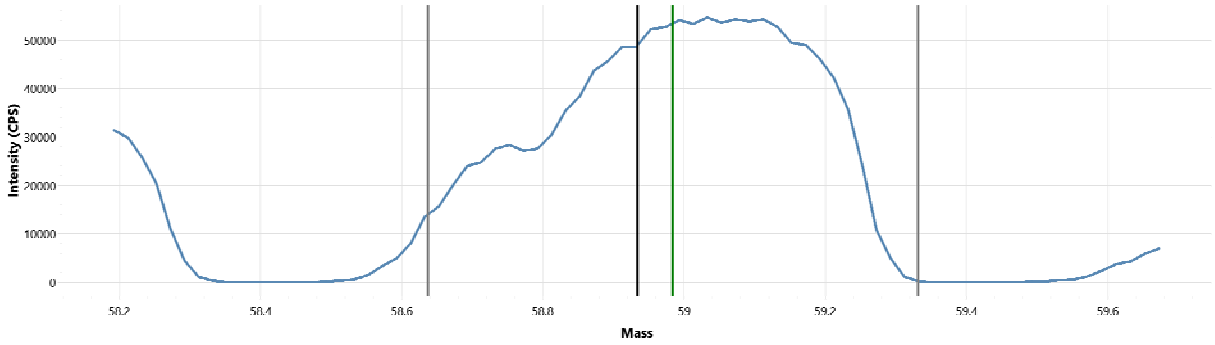
Parameter	Result	Value
Analyzer Pressure	Vacuum ok	6.921e-7
Interface Pressure		1.691e+0

Detector Voltages

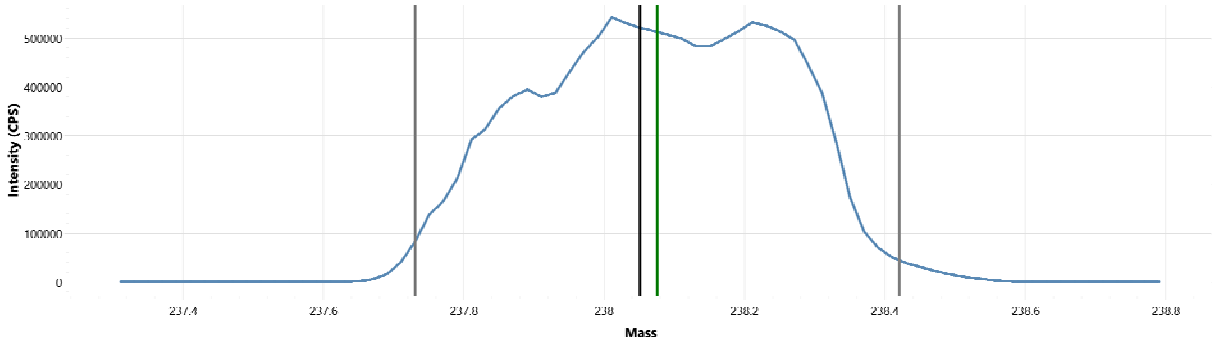
Analog	Counting
-1850.00	1350.00

Mass Calibration Peaks

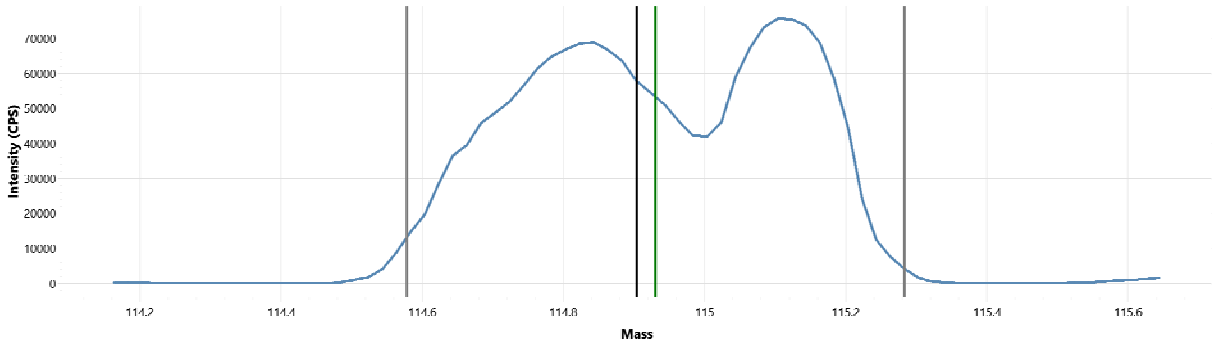
Analyte: 59Co



Analyte: 238U



Analyte: 115In



Calibration

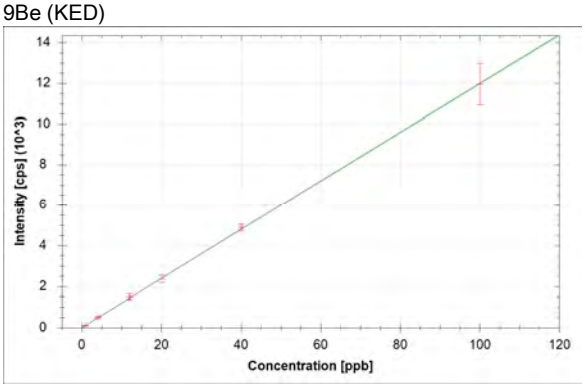
12/9/2022 7:09:27 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Calibration Curves:

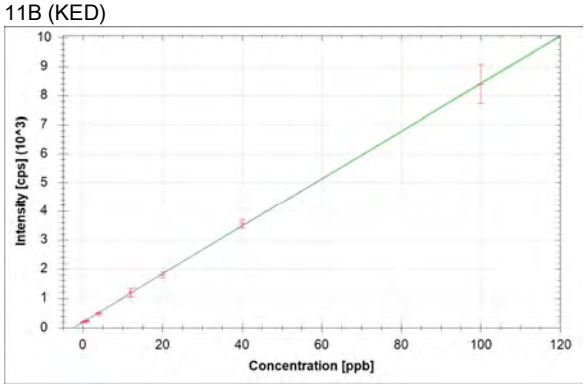
LabBook	221208R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICP…	Creation time	12/8/2022 8:45:54 AM
Last changed by (User)	LAB-AELLAB\Jax-uICP…	Last change time	12/9/2022 7:09:03 AM

9Be (KED)



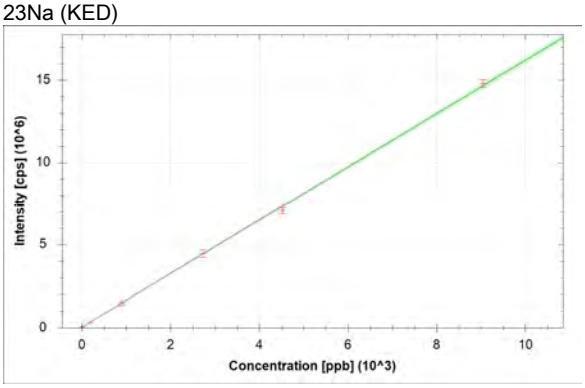
f(x) = 119.8846*x + 1.0116
R² = 0.9999
BEC = 0.008 ppb
LoD = 0.0256 ppb

11B (KED)



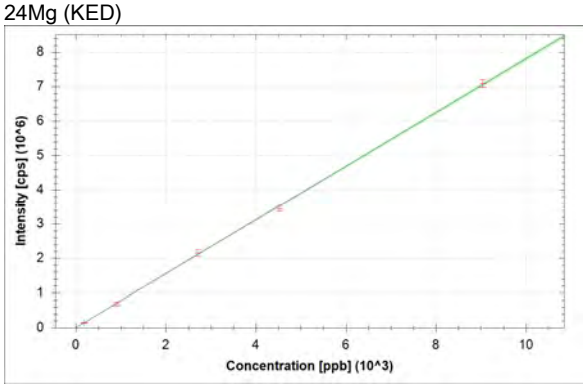
f(x) = 82.2298*x + 192.7191
R² = 0.9998
BEC = 2.344 ppb
LoD = 0.1472 ppb

23Na (KED)



f(x) = 1615.8310*x + 41495.4260
R² = 0.9994
BEC = 25.681 ppb
LoD = 1.9815 ppb

24Mg (KED)



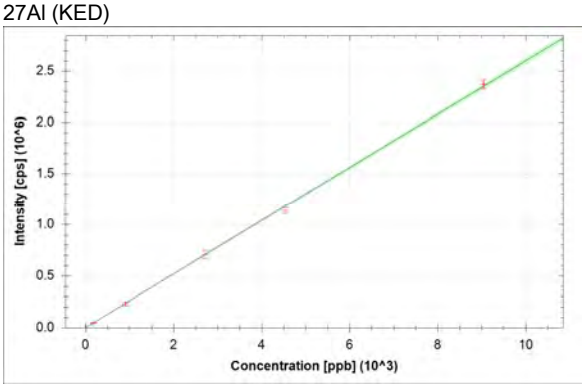
f(x) = 781.0019*x + 400.0466
R² = 0.9998
BEC = 0.512 ppb
LoD = 0.0394 ppb

Calibration

12/9/2022 7:09:27 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

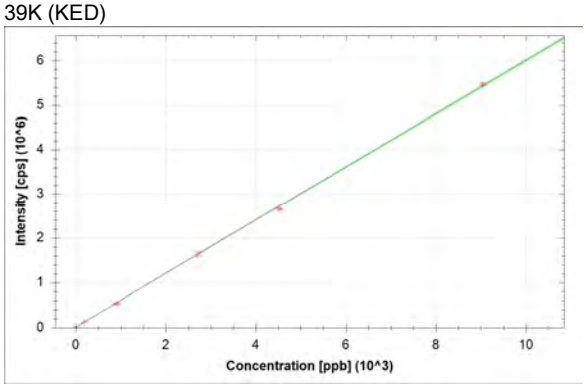
Advanced Environmental Laboratories, Inc.

27Al (KED)



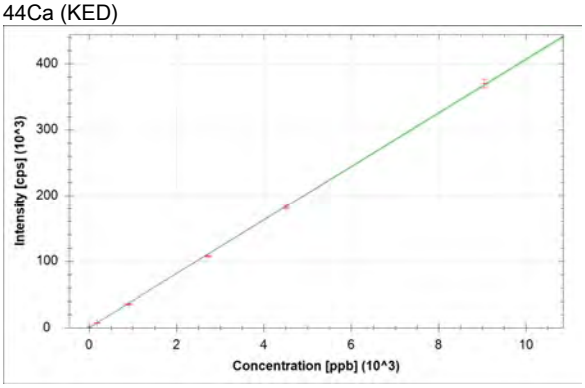
f(x) = 259.9852*x + 467.1897
R² = 0.9995
BEC = 1.797 ppb
LoD = 0.6152 ppb

39K (KED)



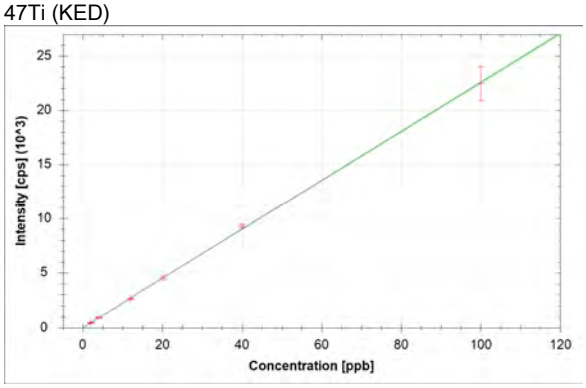
f(x) = 599.3127*x + 15273.5359
R² = 0.9997
BEC = 25.485 ppb
LoD = 1.1467 ppb

44Ca (KED)



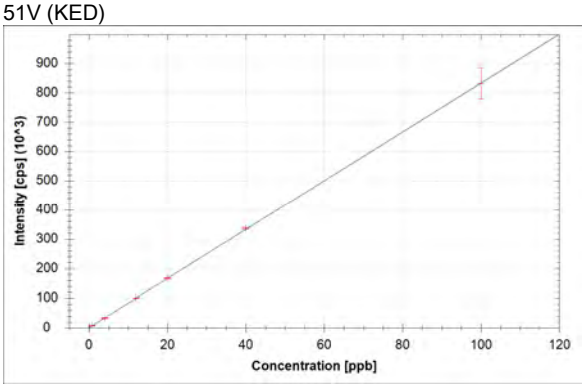
f(x) = 40.6486*x + 239.7200
R² = 0.9998
BEC = 5.897 ppb
LoD = 2.2963 ppb

47Ti (KED)



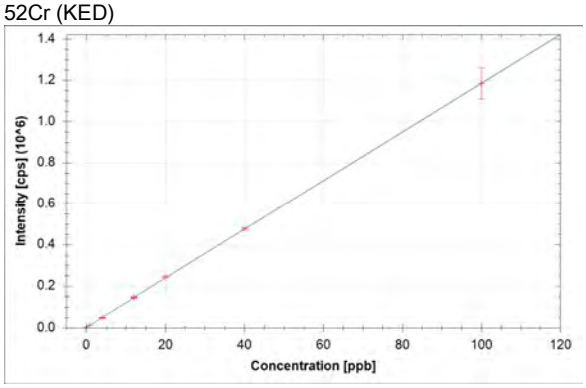
f(x) = 225.6573*x + 3.3084
R² = 0.9998
BEC = 0.015 ppb
LoD = 0.0436 ppb

51V (KED)



f(x) = 8330.8324*x + 105.7338
R² = 1.0000
BEC = 0.013 ppb
LoD = 0.0071 ppb

52Cr (KED)



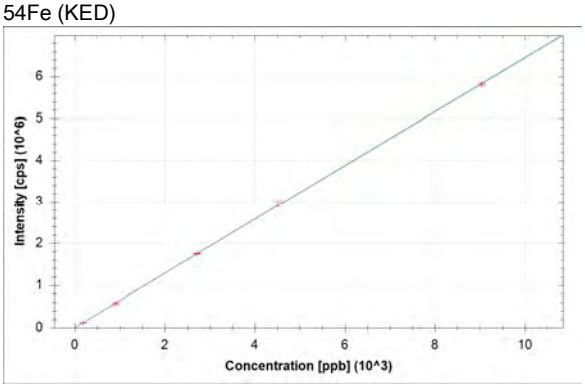
f(x) = 11822.5618*x + 2916.2660
R² = 1.0000
BEC = 0.247 ppb
LoD = 0.0374 ppb

Calibration

12/9/2022 7:09:27 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

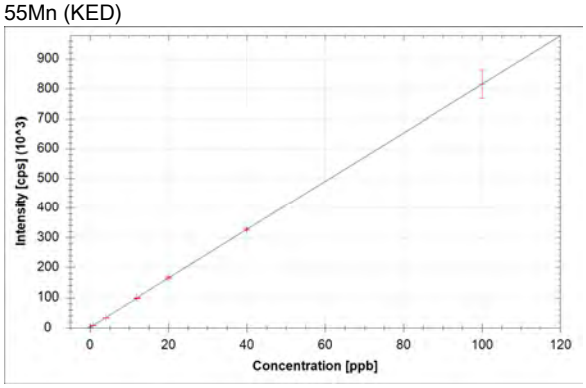
Advanced Environmental Laboratories, Inc.

54Fe (KED)



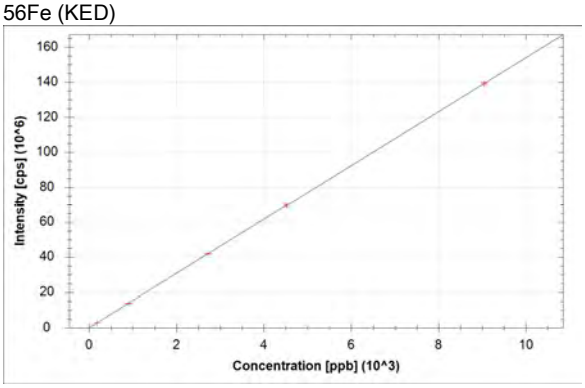
f(x) = 645.3374*x + 1605.2716
R^2 = 0.9999
BEC = 2.487 ppb
LoD = 1.2361 ppb

55Mn (KED)



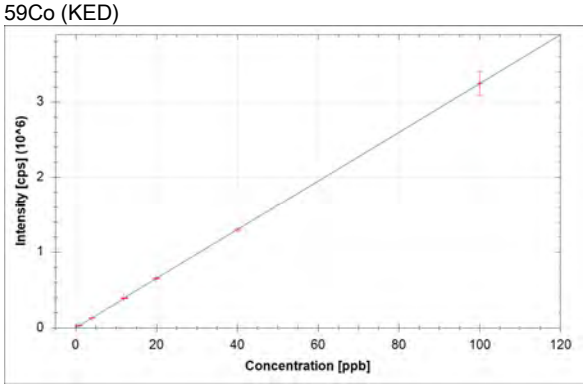
f(x) = 8138.5362*x + 1404.5346
R^2 = 1.0000
BEC = 0.173 ppb
LoD = 0.0386 ppb

56Fe (KED)



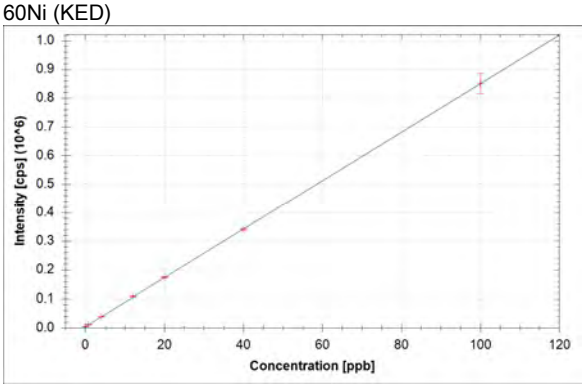
f(x) = 15397.2577*x + 35674.9951
R^2 = 1.0000
BEC = 2.317 ppb
LoD = 0.0708 ppb

59Co (KED)



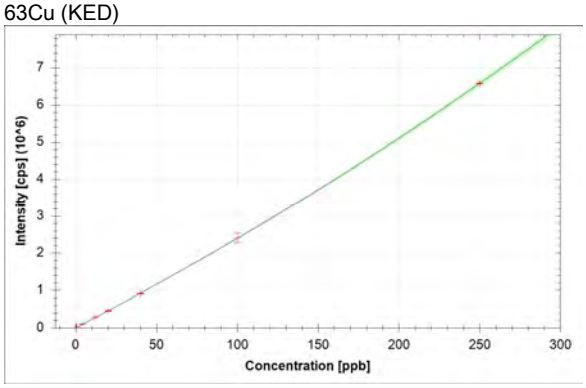
f(x) = 32431.2766*x + 101.0715
R^2 = 1.0000
BEC = 0.003 ppb
LoD = 0.0005 ppb

60Ni (KED)



f(x) = 8463.5604*x + 3905.6329
R^2 = 1.0000
BEC = 0.461 ppb
LoD = 0.2977 ppb

63Cu (KED)

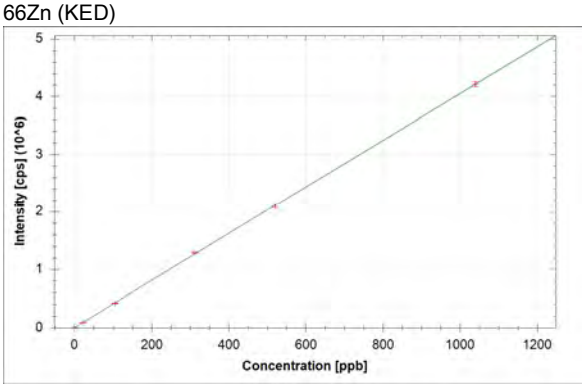


f(x) = 15.8419*x^2 + 22352.5148*x + 1992.5974
R^2 = 1.0000
BEC = 1410.885 ppb
LoD = N/A

Calibration

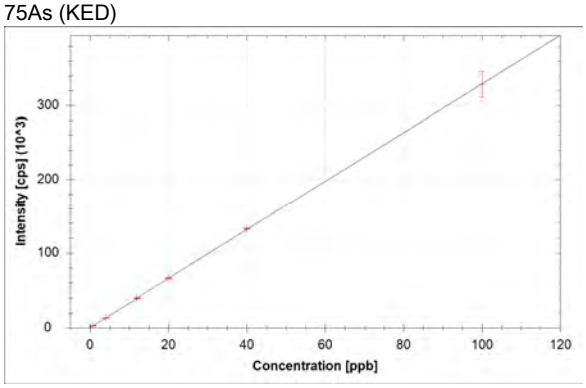
12/9/2022 7:09:27 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

66Zn (KED)



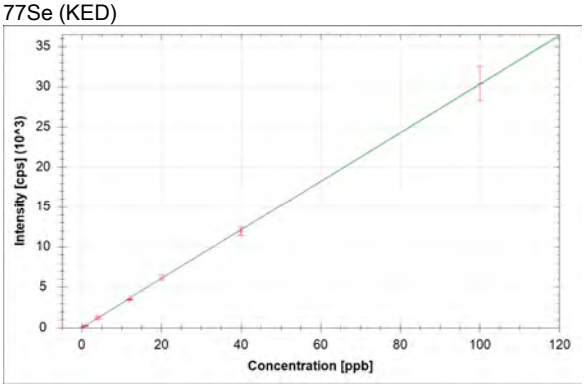
f(x) = 4050.0236*x + 2770.1974
R² = 0.9999
BEC = 0.684 ppb
LoD = 0.0702 ppb

75As (KED)



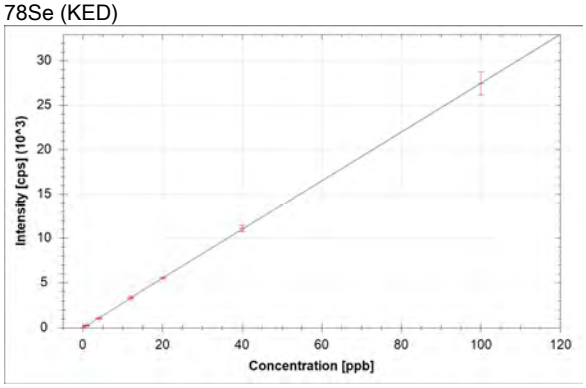
f(x) = 3291.1694*x + 25.8574
R² = 1.0000
BEC = 0.008 ppb
LoD = 0.0026 ppb

77Se (KED)



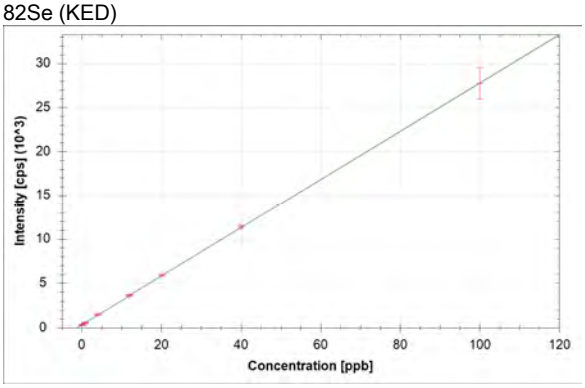
f(x) = 303.0936*x + 13.4007
R² = 0.9999
BEC = 0.044 ppb
LoD = 0.0599 ppb

78Se (KED)



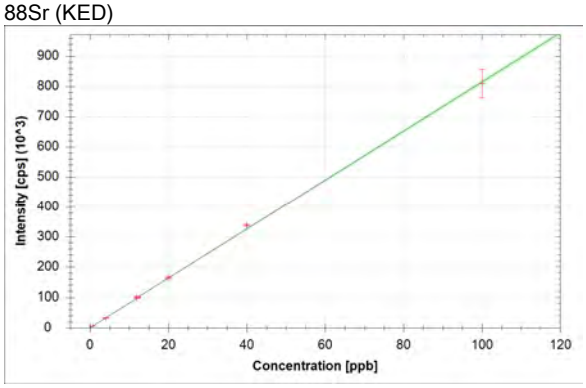
f(x) = 274.6746*x + 11.0876
R² = 1.0000
BEC = 0.040 ppb
LoD = 0.0182 ppb

82Se (KED)



f(x) = 274.4766*x + 338.1673
R² = 1.0000
BEC = 1.232 ppb
LoD = 0.5487 ppb

88Sr (KED)



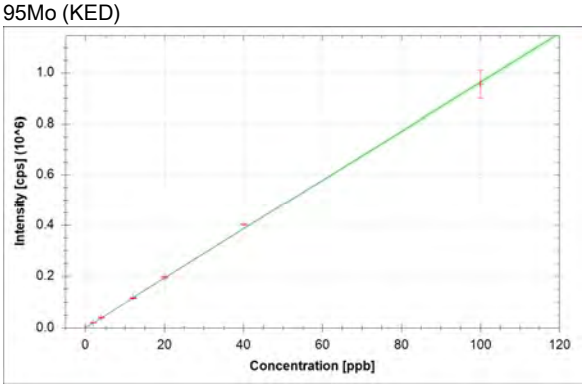
f(x) = 8144.4041*x + 175.9264
R² = 0.9997
BEC = 0.022 ppb
LoD = 0.0175 ppb

Calibration

12/9/2022 7:09:27 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

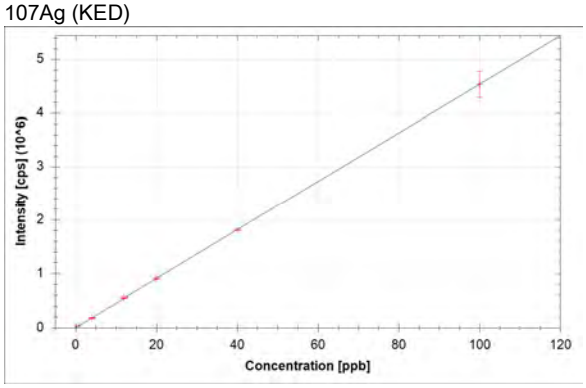
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95Mo (KED)



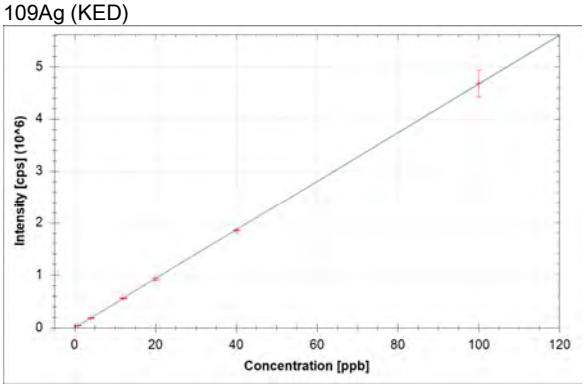
f(x) = 9625.6574*x + 119.8803
R² = 0.9995
BEC = 0.012 ppb
LoD = 0.0092 ppb

107Ag (KED)



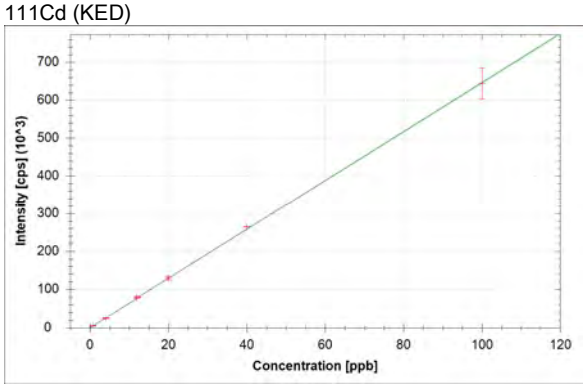
f(x) = 45365.0542*x + 56.6080
R² = 1.0000
BEC = 0.001 ppb
LoD = 0.0015 ppb

109Ag (KED)



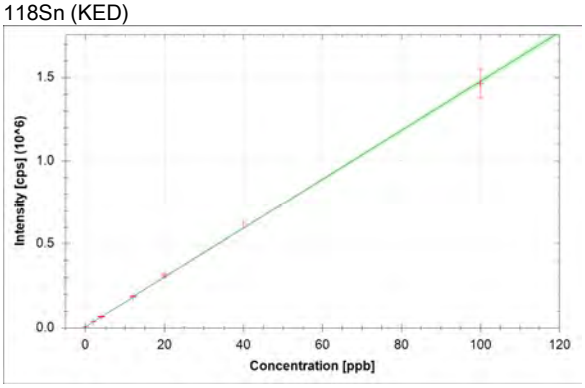
f(x) = 46710.6090*x + 85.4558
R² = 1.0000
BEC = 0.002 ppb
LoD = 0.0014 ppb

111Cd (KED)



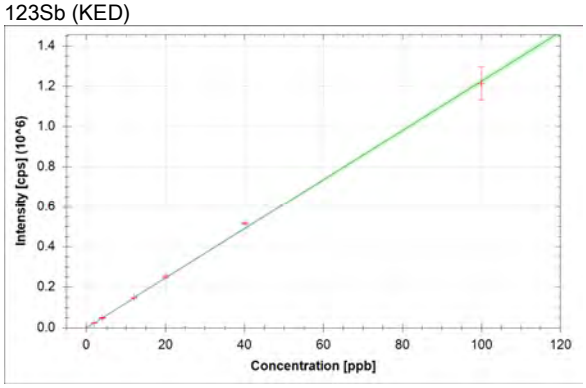
f(x) = 6463.4233*x + 3.3229
R² = 0.9999
BEC = 0.001 ppb
LoD = 0.0010 ppb

118Sn (KED)



f(x) = 14708.2324*x + 6297.1609
R² = 0.9994
BEC = 0.428 ppb
LoD = 0.0697 ppb

123Sb (KED)



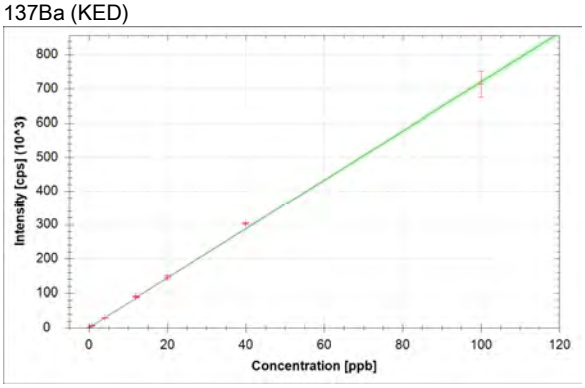
f(x) = 12241.0303*x + 158.9390
R² = 0.9993
BEC = 0.013 ppb
LoD = 0.0043 ppb

Calibration

12/9/2022 7:09:27 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

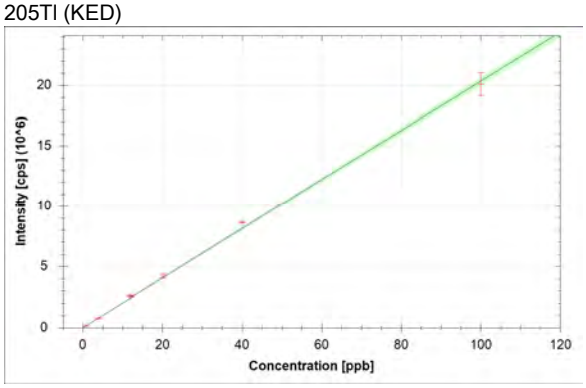
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137Ba (KED)



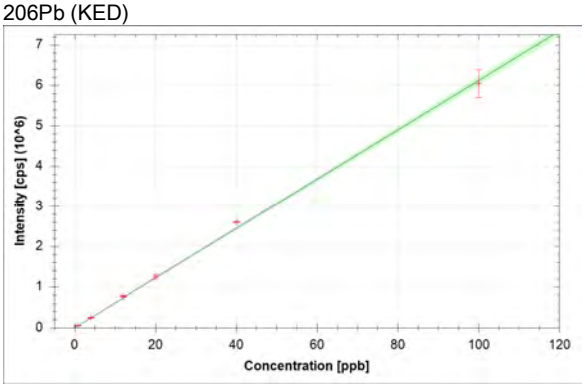
f(x) = 7198.2595*x + 267.7988
R² = 0.9993
BEC = 0.037 ppb
LoD = 0.0072 ppb

205Tl (KED)



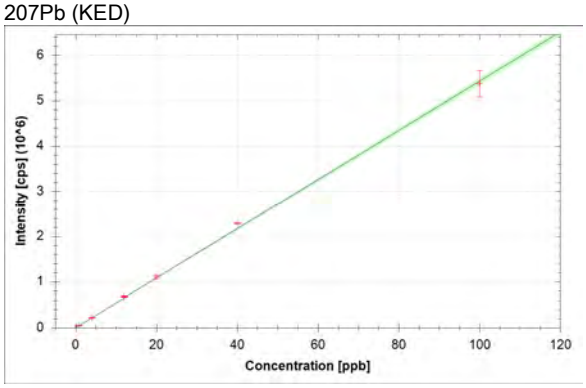
f(x) = 203360.8496*x + 295.5486
R² = 0.9988
BEC = 0.001 ppb
LoD = 0.0001 ppb

206Pb (KED)



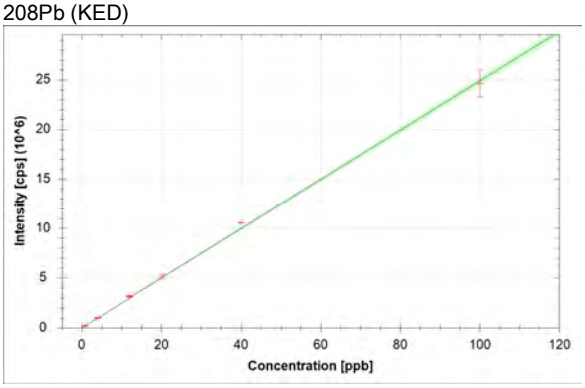
f(x) = 61182.8619*x + 428.9727
R² = 0.9988
BEC = 0.007 ppb
LoD = 0.0014 ppb

207Pb (KED)



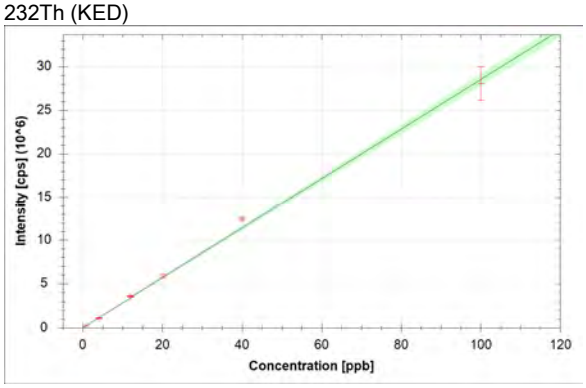
f(x) = 54294.6241*x + 373.4757
R² = 0.9992
BEC = 0.007 ppb
LoD = 0.0019 ppb

208Pb (KED)



f(x) = 249074.8225*x + 1751.1593
R² = 0.9990
BEC = 0.007 ppb
LoD = 0.0000 ppb

232Th (KED)

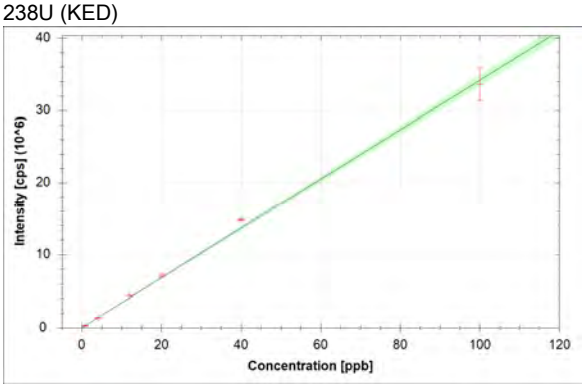


f(x) = 285287.4211*x + 5089.8427
R² = 0.9979
BEC = 0.018 ppb
LoD = 0.0045 ppb

Calibration

12/9/2022 7:09:27 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

238U (KED)



f(x) = 341495.2064*x + 213.1545
R^2 = 0.9981
BEC = 0.001 ppb
LoD = 0.0004 ppb

Calibration

12/9/2022 7:09:27 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Standards:

Analysis Index: 3
Analysis Name: ICAL1 J3MS-3016
AnalysisType: STD
Analysis Started at: 12/8/2022 8:59:05 AM
Standard (Stock): ICAL-1
Standard DF: 1

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	98.956 %	4.5 %	0.0 %
9Be (KED)	0.840 ppb	6.5 %	3.8 %
11B (KED)	0.455 ppb	44.9 %	22.2 %
23Na (KED)	172.307 ppb	2.6 %	3.8 %
24Mg (KED)	175.594 ppb	2.1 %	3.2 %
27Al (KED)	174.676 ppb	2.6 %	3.4 %
39K (KED)	167.438 ppb	1.0 %	5.2 %
44Ca (KED)	171.463 ppb	6.6 %	4.3 %
45Sc (KED)	97.763 %	1.8 %	0.0 %
47Ti (KED)	1.935 ppb	7.9 %	3.0 %
51V (KED)	0.814 ppb	2.0 %	1.5 %
52Cr (KED)	0.657 ppb	2.4 %	9.3 %
54Fe (KED)	177.176 ppb	3.1 %	2.2 %
55Mn (KED)	0.776 ppb	5.6 %	2.6 %
56Fe (KED)	180.174 ppb	2.1 %	1.1 %
59Co (KED)	0.833 ppb	2.9 %	2.1 %
60Ni (KED)	0.878 ppb	5.8 %	5.1 %
63Cu (KED)	0.813 ppb	0.0 %	2.6 %
66Zn (KED)	20.838 ppb	3.6 %	1.2 %
75As (KED)	0.816 ppb	3.2 %	1.1 %
77Se (KED)	0.767 ppb	37.4 %	3.0 %
78Se (KED)	0.892 ppb	18.8 %	6.5 %
82Se (KED)	0.844 ppb	33.8 %	4.8 %
88Sr (KED)	0.752 ppb	0.9 %	3.7 %
89Y (KED)	99.400 %	0.7 %	0.0 %
95Mo (KED)	2.049 ppb	1.7 %	3.0 %
107Ag (KED)	0.818 ppb	0.3 %	1.6 %
109Ag (KED)	0.809 ppb	3.2 %	1.4 %
111Cd (KED)	0.801 ppb	2.8 %	2.0 %
115In (KED)	98.632 %	1.0 %	0.0 %
118Sn (KED)	2.020 ppb	1.3 %	3.2 %
123Sb (KED)	1.898 ppb	0.9 %	3.8 %
137Ba (KED)	0.785 ppb	4.5 %	3.4 %
159Tb (KED)	100.642 %	0.5 %	0.0 %
205Tl (KED)	0.774 ppb	2.0 %	5.6 %
206Pb (KED)	0.822 ppb	2.9 %	4.6 %
207Pb (KED)	0.811 ppb	3.2 %	3.6 %
208Pb (KED)	0.818 ppb	2.3 %	4.1 %
209Bi (KED)	100.633 %	0.6 %	0.0 %
232Th (KED)	0.706 ppb	1.4 %	8.3 %
238U (KED)	0.797 ppb	2.1 %	5.9 %

Calibration

12/9/2022 7:09:27 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Category	Standard Concentration
6Li (KED)	
9Be (KED)	0.800 ppb
11B (KED)	0.800 ppb
23Na (KED)	180.800 ppb
24Mg (KED)	180.800 ppb
27Al (KED)	180.800 ppb
39K (KED)	180.800 ppb
44Ca (KED)	180.800 ppb
45Sc (KED)	
47Ti (KED)	2.000 ppb
51V (KED)	0.800 ppb
52Cr (KED)	0.800 ppb
54Fe (KED)	180.800 ppb
55Mn (KED)	0.800 ppb
56Fe (KED)	180.800 ppb
59Co (KED)	0.800 ppb
60Ni (KED)	0.800 ppb
63Cu (KED)	0.800 ppb
66Zn (KED)	20.800 ppb
75As (KED)	0.800 ppb
77Se (KED)	0.800 ppb
78Se (KED)	0.800 ppb
82Se (KED)	0.800 ppb
88Sr (KED)	0.800 ppb
89Y (KED)	
95Mo (KED)	2.000 ppb
107Ag (KED)	0.800 ppb
109Ag (KED)	0.800 ppb
111Cd (KED)	0.800 ppb
115In (KED)	
118Sn (KED)	2.000 ppb
123Sb (KED)	2.000 ppb
137Ba (KED)	0.800 ppb
159Tb (KED)	
205Tl (KED)	0.800 ppb
206Pb (KED)	0.800 ppb
207Pb (KED)	0.800 ppb
208Pb (KED)	0.800 ppb
209Bi (KED)	
232Th (KED)	0.800 ppb
238U (KED)	0.800 ppb

Calibration

12/9/2022 7:09:27 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Standards:

Analysis Index: 4
Analysis Name: ICAL2 J3MS-3017
AnalysisType: STD
Analysis Started at: 12/8/2022 9:04:50 AM
Standard (Stock): ICAL-2
Standard DF: 1

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	93.832 %	11.1 %	0.0 %
9Be (KED)	4.150 ppb	8.3 %	3.8 %
11B (KED)	3.609 ppb	11.8 %	22.2 %
23Na (KED)	880.575 ppb	7.0 %	3.8 %
24Mg (KED)	869.098 ppb	8.1 %	3.2 %
27Al (KED)	874.776 ppb	8.1 %	3.4 %
39K (KED)	864.843 ppb	4.3 %	5.2 %
44Ca (KED)	864.723 ppb	2.4 %	4.3 %
45Sc (KED)	96.326 %	1.8 %	0.0 %
47Ti (KED)	4.153 ppb	5.7 %	3.0 %
51V (KED)	3.912 ppb	2.9 %	1.5 %
52Cr (KED)	3.810 ppb	4.2 %	9.3 %
54Fe (KED)	876.398 ppb	3.1 %	2.2 %
55Mn (KED)	3.832 ppb	3.4 %	2.6 %
56Fe (KED)	887.223 ppb	1.4 %	1.1 %
59Co (KED)	4.025 ppb	2.2 %	2.1 %
60Ni (KED)	4.052 ppb	1.6 %	5.1 %
63Cu (KED)	4.109 ppb	0.0 %	2.6 %
66Zn (KED)	102.922 ppb	2.1 %	1.2 %
75As (KED)	3.990 ppb	1.5 %	1.1 %
77Se (KED)	3.955 ppb	12.8 %	3.0 %
78Se (KED)	3.774 ppb	7.3 %	6.5 %
82Se (KED)	4.311 ppb	8.3 %	4.8 %
88Sr (KED)	3.940 ppb	1.2 %	3.7 %
89Y (KED)	96.875 %	2.0 %	0.0 %
95Mo (KED)	4.116 ppb	3.9 %	3.0 %
107Ag (KED)	3.945 ppb	3.4 %	1.6 %
109Ag (KED)	3.934 ppb	2.4 %	1.4 %
111Cd (KED)	3.920 ppb	3.1 %	2.0 %
115In (KED)	96.425 %	1.8 %	0.0 %
118Sn (KED)	4.096 ppb	3.8 %	3.2 %
123Sb (KED)	4.030 ppb	4.5 %	3.8 %
137Ba (KED)	3.923 ppb	1.4 %	3.4 %
159Tb (KED)	99.466 %	0.5 %	0.0 %
205Tl (KED)	3.808 ppb	2.9 %	5.6 %
206Pb (KED)	4.020 ppb	2.8 %	4.6 %
207Pb (KED)	3.967 ppb	4.4 %	3.6 %
208Pb (KED)	4.001 ppb	3.2 %	4.1 %
209Bi (KED)	99.302 %	1.8 %	0.0 %
232Th (KED)	3.830 ppb	2.9 %	8.3 %
238U (KED)	3.965 ppb	2.7 %	5.9 %

Calibration

12/9/2022 7:09:27 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Category	Standard Concentration
6Li (KED)	
9Be (KED)	4.000 ppb
11B (KED)	4.000 ppb
23Na (KED)	904.000 ppb
24Mg (KED)	904.000 ppb
27Al (KED)	904.000 ppb
39K (KED)	904.000 ppb
44Ca (KED)	904.000 ppb
45Sc (KED)	
47Ti (KED)	4.000 ppb
51V (KED)	4.000 ppb
52Cr (KED)	4.000 ppb
54Fe (KED)	904.000 ppb
55Mn (KED)	4.000 ppb
56Fe (KED)	904.000 ppb
59Co (KED)	4.000 ppb
60Ni (KED)	4.000 ppb
63Cu (KED)	4.000 ppb
66Zn (KED)	104.000 ppb
75As (KED)	4.000 ppb
77Se (KED)	4.000 ppb
78Se (KED)	4.000 ppb
82Se (KED)	4.000 ppb
88Sr (KED)	4.000 ppb
89Y (KED)	
95Mo (KED)	4.000 ppb
107Ag (KED)	4.000 ppb
109Ag (KED)	4.000 ppb
111Cd (KED)	4.000 ppb
115In (KED)	
118Sn (KED)	4.000 ppb
123Sb (KED)	4.000 ppb
137Ba (KED)	4.000 ppb
159Tb (KED)	
205Tl (KED)	4.000 ppb
206Pb (KED)	4.000 ppb
207Pb (KED)	4.000 ppb
208Pb (KED)	4.000 ppb
209Bi (KED)	
232Th (KED)	4.000 ppb
238U (KED)	4.000 ppb

Calibration

12/9/2022 7:09:27 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Standards:

Analysis Index: 5
Analysis Name: ICAL3 J3MS-3018
AnalysisType: STD
Analysis Started at: 12/8/2022 9:10:34 AM
Standard (Stock): ICAL-3
Standard DF: 1

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	88.898 %	8.6 %	0.0 %
9Be (KED)	12.473 ppb	9.4 %	3.8 %
11B (KED)	12.170 ppb	14.2 %	22.2 %
23Na (KED)	2,720.642 ppb	5.3 %	3.8 %
24Mg (KED)	2,757.692 ppb	4.6 %	3.2 %
27Al (KED)	2,716.486 ppb	5.4 %	3.4 %
39K (KED)	2,706.334 ppb	3.1 %	5.2 %
44Ca (KED)	2,632.488 ppb	0.8 %	4.3 %
45Sc (KED)	92.385 %	0.8 %	0.0 %
47Ti (KED)	11.816 ppb	2.4 %	3.0 %
51V (KED)	12.062 ppb	1.0 %	1.5 %
52Cr (KED)	12.122 ppb	1.1 %	9.3 %
54Fe (KED)	2,711.906 ppb	0.4 %	2.2 %
55Mn (KED)	11.985 ppb	1.1 %	2.6 %
56Fe (KED)	2,712.071 ppb	0.4 %	1.1 %
59Co (KED)	12.125 ppb	1.0 %	2.1 %
60Ni (KED)	12.342 ppb	0.8 %	5.1 %
63Cu (KED)	12.413 ppb	0.0 %	2.6 %
66Zn (KED)	317.572 ppb	1.1 %	1.2 %
75As (KED)	12.097 ppb	1.4 %	1.1 %
77Se (KED)	11.565 ppb	2.3 %	3.0 %
78Se (KED)	12.165 ppb	2.5 %	6.5 %
82Se (KED)	11.959 ppb	1.8 %	4.8 %
88Sr (KED)	12.206 ppb	1.2 %	3.7 %
89Y (KED)	94.600 %	0.9 %	0.0 %
95Mo (KED)	12.079 ppb	1.3 %	3.0 %
107Ag (KED)	12.200 ppb	2.2 %	1.6 %
109Ag (KED)	12.139 ppb	1.5 %	1.4 %
111Cd (KED)	12.299 ppb	1.0 %	2.0 %
115In (KED)	91.291 %	0.8 %	0.0 %
118Sn (KED)	12.185 ppb	0.9 %	3.2 %
123Sb (KED)	12.146 ppb	0.9 %	3.8 %
137Ba (KED)	12.416 ppb	1.4 %	3.4 %
159Tb (KED)	96.072 %	0.3 %	0.0 %
205Tl (KED)	12.739 ppb	1.5 %	5.6 %
206Pb (KED)	12.638 ppb	1.0 %	4.6 %
207Pb (KED)	12.505 ppb	1.3 %	3.6 %
208Pb (KED)	12.572 ppb	1.3 %	4.1 %
209Bi (KED)	94.482 %	0.6 %	0.0 %
232Th (KED)	12.603 ppb	1.1 %	8.3 %
238U (KED)	12.852 ppb	0.5 %	5.9 %



Category	Standard Concentration
6Li (KED)	
9Be (KED)	12.000 ppb
11B (KED)	12.000 ppb
23Na (KED)	2,712.000 ppb
24Mg (KED)	2,712.000 ppb
27Al (KED)	2,712.000 ppb
39K (KED)	2,712.000 ppb
44Ca (KED)	2,712.000 ppb
45Sc (KED)	
47Ti (KED)	12.000 ppb
51V (KED)	12.000 ppb
52Cr (KED)	12.000 ppb
54Fe (KED)	2,712.000 ppb
55Mn (KED)	12.000 ppb
56Fe (KED)	2,712.000 ppb
59Co (KED)	12.000 ppb
60Ni (KED)	12.000 ppb
63Cu (KED)	12.000 ppb
66Zn (KED)	312.000 ppb
75As (KED)	12.000 ppb
77Se (KED)	12.000 ppb
78Se (KED)	12.000 ppb
82Se (KED)	12.000 ppb
88Sr (KED)	12.000 ppb
89Y (KED)	
95Mo (KED)	12.000 ppb
107Ag (KED)	12.000 ppb
109Ag (KED)	12.000 ppb
111Cd (KED)	12.000 ppb
115In (KED)	
118Sn (KED)	12.000 ppb
123Sb (KED)	12.000 ppb
137Ba (KED)	12.000 ppb
159Tb (KED)	
205Tl (KED)	12.000 ppb
206Pb (KED)	12.000 ppb
207Pb (KED)	12.000 ppb
208Pb (KED)	12.000 ppb
209Bi (KED)	
232Th (KED)	12.000 ppb
238U (KED)	12.000 ppb

Calibration

12/9/2022 7:09:27 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Standards:

Analysis Index: 6
Analysis Name: ICAL4 J3MS-3031
AnalysisType: STD
Analysis Started at: 12/8/2022 9:16:20 AM
Standard (Stock): ICAL-4
Standard DF: 1

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	94.117 %	5.3 %	0.0 %
9Be (KED)	19.758 ppb	7.6 %	3.8 %
11B (KED)	19.559 ppb	6.0 %	22.2 %
23Na (KED)	4,349.038 ppb	2.8 %	3.8 %
24Mg (KED)	4,420.155 ppb	2.2 %	3.2 %
27Al (KED)	4,362.528 ppb	2.5 %	3.4 %
39K (KED)	4,404.771 ppb	0.8 %	5.2 %
44Ca (KED)	4,464.878 ppb	1.4 %	4.3 %
45Sc (KED)	92.282 %	1.2 %	0.0 %
47Ti (KED)	20.035 ppb	3.8 %	3.0 %
51V (KED)	20.003 ppb	1.0 %	1.5 %
52Cr (KED)	20.275 ppb	1.6 %	9.3 %
54Fe (KED)	4,576.668 ppb	2.4 %	2.2 %
55Mn (KED)	20.106 ppb	2.3 %	2.6 %
56Fe (KED)	4,525.262 ppb	1.4 %	1.1 %
59Co (KED)	19.931 ppb	1.1 %	2.1 %
60Ni (KED)	20.039 ppb	1.2 %	5.1 %
63Cu (KED)	20.013 ppb	0.0 %	2.6 %
66Zn (KED)	517.150 ppb	1.3 %	1.2 %
75As (KED)	19.997 ppb	1.3 %	1.1 %
77Se (KED)	20.310 ppb	5.1 %	3.0 %
78Se (KED)	20.077 ppb	1.6 %	6.5 %
82Se (KED)	20.255 ppb	1.6 %	4.8 %
88Sr (KED)	20.106 ppb	1.2 %	3.7 %
89Y (KED)	93.407 %	1.8 %	0.0 %
95Mo (KED)	20.176 ppb	2.0 %	3.0 %
107Ag (KED)	19.956 ppb	2.1 %	1.6 %
109Ag (KED)	19.731 ppb	2.8 %	1.4 %
111Cd (KED)	19.974 ppb	3.6 %	2.0 %
115In (KED)	91.384 %	1.3 %	0.0 %
118Sn (KED)	20.654 ppb	2.9 %	3.2 %
123Sb (KED)	20.371 ppb	2.5 %	3.8 %
137Ba (KED)	20.195 ppb	3.5 %	3.4 %
159Tb (KED)	97.033 %	2.0 %	0.0 %
205Tl (KED)	20.714 ppb	3.4 %	5.6 %
206Pb (KED)	20.497 ppb	3.9 %	4.6 %
207Pb (KED)	20.317 ppb	3.7 %	3.6 %
208Pb (KED)	20.416 ppb	4.1 %	4.1 %
209Bi (KED)	94.484 %	2.7 %	0.0 %
232Th (KED)	20.650 ppb	3.5 %	8.3 %
238U (KED)	20.814 ppb	3.1 %	5.9 %

Calibration

12/9/2022 7:09:27 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Category	Standard Concentration
6Li (KED)	
9Be (KED)	20.000 ppb
11B (KED)	20.000 ppb
23Na (KED)	4,520.000 ppb
24Mg (KED)	4,520.000 ppb
27Al (KED)	4,520.000 ppb
39K (KED)	4,520.000 ppb
44Ca (KED)	4,520.000 ppb
45Sc (KED)	
47Ti (KED)	20.000 ppb
51V (KED)	20.000 ppb
52Cr (KED)	20.000 ppb
54Fe (KED)	4,520.000 ppb
55Mn (KED)	20.000 ppb
56Fe (KED)	4,520.000 ppb
59Co (KED)	20.000 ppb
60Ni (KED)	20.000 ppb
63Cu (KED)	20.000 ppb
66Zn (KED)	520.000 ppb
75As (KED)	20.000 ppb
77Se (KED)	20.000 ppb
78Se (KED)	20.000 ppb
82Se (KED)	20.000 ppb
88Sr (KED)	20.000 ppb
89Y (KED)	
95Mo (KED)	20.000 ppb
107Ag (KED)	20.000 ppb
109Ag (KED)	20.000 ppb
111Cd (KED)	20.000 ppb
115In (KED)	
118Sn (KED)	20.000 ppb
123Sb (KED)	20.000 ppb
137Ba (KED)	20.000 ppb
159Tb (KED)	
205Tl (KED)	20.000 ppb
206Pb (KED)	20.000 ppb
207Pb (KED)	20.000 ppb
208Pb (KED)	20.000 ppb
209Bi (KED)	
232Th (KED)	20.000 ppb
238U (KED)	20.000 ppb

Calibration

12/9/2022 7:09:27 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Standards:

Analysis Index: 7
Analysis Name: ICAL5 J3MS-3020
AnalysisType: STD
Analysis Started at: 12/8/2022 9:22:06 AM
Standard (Stock): ICAL-5
Standard DF: 1

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	88.803 %	2.0 %	0.0 %
9Be (KED)	40.711 ppb	3.5 %	3.8 %
11B (KED)	40.915 ppb	4.5 %	22.2 %
23Na (KED)	9,125.400 ppb	1.5 %	3.8 %
24Mg (KED)	9,079.809 ppb	1.6 %	3.2 %
27Al (KED)	9,120.435 ppb	1.9 %	3.4 %
39K (KED)	9,103.497 ppb	0.4 %	5.2 %
44Ca (KED)	9,095.529 ppb	1.8 %	4.3 %
45Sc (KED)	90.908 %	1.1 %	0.0 %
47Ti (KED)	41.158 ppb	1.7 %	3.0 %
51V (KED)	40.494 ppb	1.0 %	1.5 %
52Cr (KED)	40.142 ppb	1.2 %	9.3 %
54Fe (KED)	9,014.527 ppb	0.5 %	2.2 %
55Mn (KED)	39.926 ppb	1.1 %	2.6 %
56Fe (KED)	9,039.038 ppb	0.6 %	1.1 %
59Co (KED)	39.920 ppb	1.2 %	2.1 %
60Ni (KED)	39.749 ppb	1.0 %	5.1 %
63Cu (KED)	39.136 ppb	0.0 %	2.6 %
66Zn (KED)	1,039.860 ppb	0.9 %	1.2 %
75As (KED)	40.322 ppb	0.5 %	1.1 %
77Se (KED)	39.362 ppb	4.4 %	3.0 %
78Se (KED)	40.272 ppb	3.3 %	6.5 %
82Se (KED)	40.393 ppb	1.6 %	4.8 %
88Sr (KED)	41.463 ppb	1.1 %	3.7 %
89Y (KED)	90.596 %	1.3 %	0.0 %
95Mo (KED)	41.753 ppb	0.2 %	3.0 %
107Ag (KED)	39.970 ppb	0.9 %	1.6 %
109Ag (KED)	39.627 ppb	0.7 %	1.4 %
111Cd (KED)	40.879 ppb	0.2 %	2.0 %
115In (KED)	88.956 %	0.8 %	0.0 %
118Sn (KED)	41.826 ppb	0.1 %	3.2 %
123Sb (KED)	42.044 ppb	0.8 %	3.8 %
137Ba (KED)	42.017 ppb	0.9 %	3.4 %
159Tb (KED)	94.065 %	1.0 %	0.0 %
205Tl (KED)	42.482 ppb	0.2 %	5.6 %
206Pb (KED)	42.581 ppb	0.7 %	4.6 %
207Pb (KED)	42.105 ppb	0.7 %	3.6 %
208Pb (KED)	42.372 ppb	0.1 %	4.1 %
209Bi (KED)	90.134 %	0.5 %	0.0 %
232Th (KED)	43.574 ppb	1.3 %	8.3 %
238U (KED)	43.286 ppb	0.5 %	5.9 %

Calibration

12/9/2022 7:09:27 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Category	Standard Concentration
6Li (KED)	
9Be (KED)	40.000 ppb
11B (KED)	40.000 ppb
23Na (KED)	9,040.000 ppb
24Mg (KED)	9,040.000 ppb
27Al (KED)	9,040.000 ppb
39K (KED)	9,040.000 ppb
44Ca (KED)	9,040.000 ppb
45Sc (KED)	
47Ti (KED)	40.000 ppb
51V (KED)	40.000 ppb
52Cr (KED)	40.000 ppb
54Fe (KED)	9,040.000 ppb
55Mn (KED)	40.000 ppb
56Fe (KED)	9,040.000 ppb
59Co (KED)	40.000 ppb
60Ni (KED)	40.000 ppb
63Cu (KED)	40.000 ppb
66Zn (KED)	1,040.000 ppb
75As (KED)	40.000 ppb
77Se (KED)	40.000 ppb
78Se (KED)	40.000 ppb
82Se (KED)	40.000 ppb
88Sr (KED)	40.000 ppb
89Y (KED)	
95Mo (KED)	40.000 ppb
107Ag (KED)	40.000 ppb
109Ag (KED)	40.000 ppb
111Cd (KED)	40.000 ppb
115In (KED)	
118Sn (KED)	40.000 ppb
123Sb (KED)	40.000 ppb
137Ba (KED)	40.000 ppb
159Tb (KED)	
205Tl (KED)	40.000 ppb
206Pb (KED)	40.000 ppb
207Pb (KED)	40.000 ppb
208Pb (KED)	40.000 ppb
209Bi (KED)	
232Th (KED)	40.000 ppb
238U (KED)	40.000 ppb

Calibration

12/9/2022 7:09:27 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Standards:

Analysis Index: 8
Analysis Name: ICAL6 J3MS-3021
AnalysisType: STD
Analysis Started at: 12/8/2022 9:27:52 AM
Standard (Stock): ICAL-6
Standard DF: 1

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	90.606 %	8.7 %	0.0 %
9Be (KED)	99.701 ppb	8.5 %	3.8 %
11B (KED)	99.720 ppb	8.2 %	22.2 %
23Na (KED)	N/A	N/A	3.8 %
24Mg (KED)	N/A	N/A	3.2 %
27Al (KED)	N/A	N/A	3.4 %
39K (KED)	N/A	N/A	5.2 %
44Ca (KED)	N/A	N/A	4.3 %
45Sc (KED)	93.861 %	3.2 %	0.0 %
47Ti (KED)	99.547 ppb	7.0 %	3.0 %
51V (KED)	99.798 ppb	6.4 %	1.5 %
52Cr (KED)	99.882 ppb	6.5 %	9.3 %
54Fe (KED)	N/A	N/A	2.2 %
55Mn (KED)	100.017 ppb	6.0 %	2.6 %
56Fe (KED)	N/A	N/A	1.1 %
59Co (KED)	100.029 ppb	5.0 %	2.1 %
60Ni (KED)	100.049 ppb	4.1 %	5.1 %
63Cu (KED)	100.368 ppb	0.1 %	2.6 %
66Zn (KED)	N/A	N/A	1.2 %
75As (KED)	99.860 ppb	5.4 %	1.1 %
77Se (KED)	100.247 ppb	7.1 %	3.0 %
78Se (KED)	99.864 ppb	4.7 %	6.5 %
82Se (KED)	99.784 ppb	6.5 %	4.8 %
88Sr (KED)	99.371 ppb	5.9 %	3.7 %
89Y (KED)	94.277 %	4.8 %	0.0 %
95Mo (KED)	99.249 ppb	5.7 %	3.0 %
107Ag (KED)	99.999 ppb	5.4 %	1.6 %
109Ag (KED)	100.189 ppb	5.5 %	1.4 %
111Cd (KED)	99.621 ppb	6.4 %	2.0 %
115In (KED)	96.295 %	4.1 %	0.0 %
118Sn (KED)	99.112 ppb	6.1 %	3.2 %
123Sb (KED)	99.092 ppb	6.7 %	3.8 %
137Ba (KED)	99.107 ppb	5.4 %	3.4 %
159Tb (KED)	100.338 %	4.1 %	0.0 %
205Tl (KED)	98.784 ppb	4.7 %	5.6 %
206Pb (KED)	98.791 ppb	5.7 %	4.6 %
207Pb (KED)	99.035 ppb	5.4 %	3.6 %
208Pb (KED)	98.899 ppb	5.5 %	4.1 %
209Bi (KED)	100.555 %	3.9 %	0.0 %
232Th (KED)	98.376 ppb	6.9 %	8.3 %
238U (KED)	98.422 ppb	6.7 %	5.9 %

Calibration

12/9/2022 7:09:27 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Category	Standard Concentration
6Li (KED)	
9Be (KED)	100.000 ppb
11B (KED)	100.000 ppb
23Na (KED)	N/A
24Mg (KED)	N/A
27Al (KED)	N/A
39K (KED)	N/A
44Ca (KED)	N/A
45Sc (KED)	
47Ti (KED)	100.000 ppb
51V (KED)	100.000 ppb
52Cr (KED)	100.000 ppb
54Fe (KED)	N/A
55Mn (KED)	100.000 ppb
56Fe (KED)	N/A
59Co (KED)	100.000 ppb
60Ni (KED)	100.000 ppb
63Cu (KED)	100.000 ppb
66Zn (KED)	N/A
75As (KED)	100.000 ppb
77Se (KED)	100.000 ppb
78Se (KED)	100.000 ppb
82Se (KED)	100.000 ppb
88Sr (KED)	100.000 ppb
89Y (KED)	
95Mo (KED)	100.000 ppb
107Ag (KED)	100.000 ppb
109Ag (KED)	100.000 ppb
111Cd (KED)	100.000 ppb
115In (KED)	
118Sn (KED)	100.000 ppb
123Sb (KED)	100.000 ppb
137Ba (KED)	100.000 ppb
159Tb (KED)	
205Tl (KED)	100.000 ppb
206Pb (KED)	100.000 ppb
207Pb (KED)	100.000 ppb
208Pb (KED)	100.000 ppb
209Bi (KED)	
232Th (KED)	100.000 ppb
238U (KED)	100.000 ppb

Calibration

12/9/2022 7:09:27 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Standards:

Analysis Index: 9
Analysis Name: ICAL7 J3MS-3022
AnalysisType: STD
Analysis Started at: 12/8/2022 9:33:38 AM
Standard (Stock): ICAL-7
Standard DF: 1

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	96.394 %	6.0 %	0.0 %
9Be (KED)	N/A	N/A	3.8 %
11B (KED)	N/A	N/A	22.2 %
23Na (KED)	N/A	N/A	3.8 %
24Mg (KED)	N/A	N/A	3.2 %
27Al (KED)	N/A	N/A	3.4 %
39K (KED)	N/A	N/A	5.2 %
44Ca (KED)	N/A	N/A	4.3 %
45Sc (KED)	96.539 %	0.3 %	0.0 %
47Ti (KED)	N/A	N/A	3.0 %
51V (KED)	N/A	N/A	1.5 %
52Cr (KED)	N/A	N/A	9.3 %
54Fe (KED)	N/A	N/A	2.2 %
55Mn (KED)	N/A	N/A	2.6 %
56Fe (KED)	N/A	N/A	1.1 %
59Co (KED)	N/A	N/A	2.1 %
60Ni (KED)	N/A	N/A	5.1 %
63Cu (KED)	249.967 ppb	0.0 %	2.6 %
66Zn (KED)	N/A	N/A	1.2 %
75As (KED)	N/A	N/A	1.1 %
77Se (KED)	N/A	N/A	3.0 %
78Se (KED)	N/A	N/A	6.5 %
82Se (KED)	N/A	N/A	4.8 %
88Sr (KED)	N/A	N/A	3.7 %
89Y (KED)	95.249 %	0.4 %	0.0 %
95Mo (KED)	N/A	N/A	3.0 %
107Ag (KED)	N/A	N/A	1.6 %
109Ag (KED)	N/A	N/A	1.4 %
111Cd (KED)	N/A	N/A	2.0 %
115In (KED)	96.668 %	0.4 %	0.0 %
118Sn (KED)	N/A	N/A	3.2 %
123Sb (KED)	N/A	N/A	3.8 %
137Ba (KED)	N/A	N/A	3.4 %
159Tb (KED)	99.405 %	1.1 %	0.0 %
205Tl (KED)	N/A	N/A	5.6 %
206Pb (KED)	N/A	N/A	4.6 %
207Pb (KED)	N/A	N/A	3.6 %
208Pb (KED)	N/A	N/A	4.1 %
209Bi (KED)	99.906 %	0.8 %	0.0 %
232Th (KED)	N/A	N/A	8.3 %
238U (KED)	N/A	N/A	5.9 %

Calibration

12/9/2022 7:09:27 AM
Instrument: J3R
Method: EPA6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Category	Standard Concentration
6Li (KED)	
9Be (KED)	N/A
11B (KED)	N/A
23Na (KED)	N/A
24Mg (KED)	N/A
27Al (KED)	N/A
39K (KED)	N/A
44Ca (KED)	N/A
45Sc (KED)	
47Ti (KED)	N/A
51V (KED)	N/A
52Cr (KED)	N/A
54Fe (KED)	N/A
55Mn (KED)	N/A
56Fe (KED)	N/A
59Co (KED)	N/A
60Ni (KED)	N/A
63Cu (KED)	250.000 ppb
66Zn (KED)	N/A
75As (KED)	N/A
77Se (KED)	N/A
78Se (KED)	N/A
82Se (KED)	N/A
88Sr (KED)	N/A
89Y (KED)	
95Mo (KED)	N/A
107Ag (KED)	N/A
109Ag (KED)	N/A
111Cd (KED)	N/A
115In (KED)	
118Sn (KED)	N/A
123Sb (KED)	N/A
137Ba (KED)	N/A
159Tb (KED)	
205Tl (KED)	N/A
206Pb (KED)	N/A
207Pb (KED)	N/A
208Pb (KED)	N/A
209Bi (KED)	
232Th (KED)	N/A
238U (KED)	N/A

Concentrations

12/9/2022 7:09:39 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	CALB J3MS-3025 J3MS-3032	Comment	LL
Dilution Factor	1	Sample Type:	BLK
Date Collected:	12/8/2022 8:53:20 AM		

Labbook:	221208R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/8/2022 8:45:54 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/9/2022 7:09:03 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	100.000 %	0.0 %	3,514 cps
9Be (KED)	0.000 ppb	1.0 %	1 cps
11B (KED)	0.000 ppb	0.0 %	193 cps
23Na (KED)	0.000 ppb	0.0 %	41,489 cps
24Mg (KED)	0.000 ppb	0.0 %	400 cps
27Al (KED)	0.000 ppb	0.1 %	467 cps
39K (KED)	0.000 ppb	0.0 %	15,273 cps
44Ca (KED)	0.000 ppb	0.1 %	240 cps
45Sc (KED)	100.000 %	0.0 %	107,509 cps
47Ti (KED)	0.000 ppb	1.0 %	3 cps
51V (KED)	0.000 ppb	0.2 %	106 cps
52Cr (KED)	0.000 ppb	0.1 %	2,915 cps
54Fe (KED)	0.000 ppb	0.2 %	1,604 cps
55Mn (KED)	0.000 ppb	0.1 %	1,406 cps
56Fe (KED)	0.000 ppb	0.0 %	35,671 cps
59Co (KED)	0.000 ppb	0.1 %	101 cps
60Ni (KED)	0.000 ppb	0.2 %	3,915 cps
63Cu (KED)	0.000 ppb	N/A	1,993 cps
66Zn (KED)	0.000 ppb	0.0 %	2,769 cps
74Ge (KED)			16,120 cps
75As (KED)	0.000 ppb	0.1 %	26 cps
77Se (KED)	0.000 ppb	0.5 %	13 cps
78Se (KED)	0.000 ppb	0.2 %	11 cps
82Se (KED)	0.000 ppb	0.1 %	339 cps
83Kr (KED)			263 cps
88Sr (KED)	0.000 ppb	0.3 %	177 cps
89Y (KED)	100.000 %	0.0 %	199,132 cps
95Mo (KED)	0.000 ppb	0.2 %	120 cps
107Ag (KED)	0.000 ppb	0.4 %	57 cps
109Ag (KED)	0.000 ppb	0.3 %	86 cps
111Cd (KED)	0.000 ppb	0.6 %	3 cps
115In (KED)	100.000 %	0.0 %	366,560 cps
118Sn (KED)	0.000 ppb	0.1 %	6,295 cps
123Sb (KED)	0.000 ppb	0.1 %	159 cps
125Te (KED)			0 cps
137Ba (KED)	0.000 ppb	0.1 %	268 cps
159Tb (KED)	100.000 %	0.0 %	808,913 cps
205Tl (KED)	0.000 ppb	0.0 %	296 cps
206Pb (KED)	0.000 ppb	0.1 %	429 cps
207Pb (KED)	0.000 ppb	0.1 %	373 cps
208Pb (KED)	0.000 ppb	0.0 %	1,751 cps
209Bi (KED)	100.000 %	0.0 %	677,891 cps
232Th (KED)	0.000 ppb	0.1 %	5,088 cps
238U (KED)	0.000 ppb	0.2 %	213 cps

Concentrations

12/9/2022 7:09:39 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	ICAL1 J3MS-3016	Comment	LL
Dilution Factor	1	Sample Type:	STD
Date Collected:	12/8/2022 8:59:05 AM		

Labbook:	221208R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/8/2022 8:45:54 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/9/2022 7:09:03 AM

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	98.956 %	4.5 %	0.0 %
9Be (KED)	0.840 ppb	6.5 %	3.8 %
11B (KED)	0.455 ppb	44.9 %	22.2 %
23Na (KED)	172.307 ppb	2.6 %	3.8 %
24Mg (KED)	175.594 ppb	2.1 %	3.2 %
27Al (KED)	174.676 ppb	2.6 %	3.4 %
39K (KED)	167.438 ppb	1.0 %	5.2 %
44Ca (KED)	171.463 ppb	6.6 %	4.3 %
45Sc (KED)	97.763 %	1.8 %	0.0 %
47Ti (KED)	1.935 ppb	7.9 %	3.0 %
51V (KED)	0.814 ppb	2.0 %	1.5 %
52Cr (KED)	0.657 ppb	2.4 %	9.3 %
54Fe (KED)	177.176 ppb	3.1 %	2.2 %
55Mn (KED)	0.776 ppb	5.6 %	2.6 %
56Fe (KED)	180.174 ppb	2.1 %	1.1 %
59Co (KED)	0.833 ppb	2.9 %	2.1 %
60Ni (KED)	0.878 ppb	5.8 %	5.1 %
63Cu (KED)	0.813 ppb	0.0 %	2.6 %
66Zn (KED)	20.838 ppb	3.6 %	1.2 %
74Ge (KED)			
75As (KED)	0.816 ppb	3.2 %	1.1 %
77Se (KED)	0.767 ppb	37.4 %	3.0 %
78Se (KED)	0.892 ppb	18.8 %	6.5 %
82Se (KED)	0.844 ppb	33.8 %	4.8 %
83Kr (KED)			
88Sr (KED)	0.752 ppb	0.9 %	3.7 %
89Y (KED)	99.400 %	0.7 %	0.0 %
95Mo (KED)	2.049 ppb	1.7 %	3.0 %
107Ag (KED)	0.818 ppb	0.3 %	1.6 %
109Ag (KED)	0.809 ppb	3.2 %	1.4 %
111Cd (KED)	0.801 ppb	2.8 %	2.0 %
115In (KED)	98.632 %	1.0 %	0.0 %
118Sn (KED)	2.020 ppb	1.3 %	3.2 %
123Sb (KED)	1.898 ppb	0.9 %	3.8 %
125Te (KED)			
137Ba (KED)	0.785 ppb	4.5 %	3.4 %
159Tb (KED)	100.642 %	0.5 %	0.0 %
205Tl (KED)	0.774 ppb	2.0 %	5.6 %
206Pb (KED)	0.822 ppb	2.9 %	4.6 %
207Pb (KED)	0.811 ppb	3.2 %	3.6 %
208Pb (KED)	0.818 ppb	2.3 %	4.1 %
209Bi (KED)	100.633 %	0.6 %	0.0 %
232Th (KED)	0.706 ppb	1.4 %	8.3 %
238U (KED)	0.797 ppb	2.1 %	5.9 %

Concentrations

12/9/2022 7:09:39 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	ICAL2 J3MS-3017	Comment	LL
Dilution Factor	1	Sample Type:	STD
Date Collected:	12/8/2022 9:04:50 AM		

Labbook:	221208R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/8/2022 8:45:54 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/9/2022 7:09:03 AM

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	93.832 %	11.1 %	0.0 %
9Be (KED)	4.150 ppb	8.3 %	3.8 %
11B (KED)	3.609 ppb	11.8 %	22.2 %
23Na (KED)	880.575 ppb	7.0 %	3.8 %
24Mg (KED)	869.098 ppb	8.1 %	3.2 %
27Al (KED)	874.776 ppb	8.1 %	3.4 %
39K (KED)	864.843 ppb	4.3 %	5.2 %
44Ca (KED)	864.723 ppb	2.4 %	4.3 %
45Sc (KED)	96.326 %	1.8 %	0.0 %
47Ti (KED)	4.153 ppb	5.7 %	3.0 %
51V (KED)	3.912 ppb	2.9 %	1.5 %
52Cr (KED)	3.810 ppb	4.2 %	9.3 %
54Fe (KED)	876.398 ppb	3.1 %	2.2 %
55Mn (KED)	3.832 ppb	3.4 %	2.6 %
56Fe (KED)	887.223 ppb	1.4 %	1.1 %
59Co (KED)	4.025 ppb	2.2 %	2.1 %
60Ni (KED)	4.052 ppb	1.6 %	5.1 %
63Cu (KED)	4.109 ppb	0.0 %	2.6 %
66Zn (KED)	102.922 ppb	2.1 %	1.2 %
74Ge (KED)			
75As (KED)	3.990 ppb	1.5 %	1.1 %
77Se (KED)	3.955 ppb	12.8 %	3.0 %
78Se (KED)	3.774 ppb	7.3 %	6.5 %
82Se (KED)	4.311 ppb	8.3 %	4.8 %
83Kr (KED)			
88Sr (KED)	3.940 ppb	1.2 %	3.7 %
89Y (KED)	96.875 %	2.0 %	0.0 %
95Mo (KED)	4.116 ppb	3.9 %	3.0 %
107Ag (KED)	3.945 ppb	3.4 %	1.6 %
109Ag (KED)	3.934 ppb	2.4 %	1.4 %
111Cd (KED)	3.920 ppb	3.1 %	2.0 %
115In (KED)	96.425 %	1.8 %	0.0 %
118Sn (KED)	4.096 ppb	3.8 %	3.2 %
123Sb (KED)	4.030 ppb	4.5 %	3.8 %
125Te (KED)			
137Ba (KED)	3.923 ppb	1.4 %	3.4 %
159Tb (KED)	99.466 %	0.5 %	0.0 %
205Tl (KED)	3.808 ppb	2.9 %	5.6 %
206Pb (KED)	4.020 ppb	2.8 %	4.6 %
207Pb (KED)	3.967 ppb	4.4 %	3.6 %
208Pb (KED)	4.001 ppb	3.2 %	4.1 %
209Bi (KED)	99.302 %	1.8 %	0.0 %
232Th (KED)	3.830 ppb	2.9 %	8.3 %
238U (KED)	3.965 ppb	2.7 %	5.9 %

Concentrations

12/9/2022 7:09:39 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	ICAL3 J3MS-3018	Comment	LL
Dilution Factor	1	Sample Type:	STD
Date Collected:	12/8/2022 9:10:34 AM		

Labbook:	221208R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/8/2022 8:45:54 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/9/2022 7:09:03 AM

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	88.898 %	8.6 %	0.0 %
9Be (KED)	12.473 ppb	9.4 %	3.8 %
11B (KED)	12.170 ppb	14.2 %	22.2 %
23Na (KED)	2,720.642 ppb	5.3 %	3.8 %
24Mg (KED)	2,757.692 ppb	4.6 %	3.2 %
27Al (KED)	2,716.486 ppb	5.4 %	3.4 %
39K (KED)	2,706.334 ppb	3.1 %	5.2 %
44Ca (KED)	2,632.488 ppb	0.8 %	4.3 %
45Sc (KED)	92.385 %	0.8 %	0.0 %
47Ti (KED)	11.816 ppb	2.4 %	3.0 %
51V (KED)	12.062 ppb	1.0 %	1.5 %
52Cr (KED)	12.122 ppb	1.1 %	9.3 %
54Fe (KED)	2,711.906 ppb	0.4 %	2.2 %
55Mn (KED)	11.985 ppb	1.1 %	2.6 %
56Fe (KED)	2,712.071 ppb	0.4 %	1.1 %
59Co (KED)	12.125 ppb	1.0 %	2.1 %
60Ni (KED)	12.342 ppb	0.8 %	5.1 %
63Cu (KED)	12.413 ppb	0.0 %	2.6 %
66Zn (KED)	317.572 ppb	1.1 %	1.2 %
74Ge (KED)			
75As (KED)	12.097 ppb	1.4 %	1.1 %
77Se (KED)	11.565 ppb	2.3 %	3.0 %
78Se (KED)	12.165 ppb	2.5 %	6.5 %
82Se (KED)	11.959 ppb	1.8 %	4.8 %
83Kr (KED)			
88Sr (KED)	12.206 ppb	1.2 %	3.7 %
89Y (KED)	94.600 %	0.9 %	0.0 %
95Mo (KED)	12.079 ppb	1.3 %	3.0 %
107Ag (KED)	12.200 ppb	2.2 %	1.6 %
109Ag (KED)	12.139 ppb	1.5 %	1.4 %
111Cd (KED)	12.299 ppb	1.0 %	2.0 %
115In (KED)	91.291 %	0.8 %	0.0 %
118Sn (KED)	12.185 ppb	0.9 %	3.2 %
123Sb (KED)	12.146 ppb	0.9 %	3.8 %
125Te (KED)			
137Ba (KED)	12.416 ppb	1.4 %	3.4 %
159Tb (KED)	96.072 %	0.3 %	0.0 %
205Tl (KED)	12.739 ppb	1.5 %	5.6 %
206Pb (KED)	12.638 ppb	1.0 %	4.6 %
207Pb (KED)	12.505 ppb	1.3 %	3.6 %
208Pb (KED)	12.572 ppb	1.3 %	4.1 %
209Bi (KED)	94.482 %	0.6 %	0.0 %
232Th (KED)	12.603 ppb	1.1 %	8.3 %
238U (KED)	12.852 ppb	0.5 %	5.9 %

Concentrations

12/9/2022 7:09:39 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	ICAL4 J3MS-3031	Comment	LL
Dilution Factor	1	Sample Type:	STD
Date Collected:	12/8/2022 9:16:20 AM		

Labbook:	221208R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/8/2022 8:45:54 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/9/2022 7:09:03 AM

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	94.117 %	5.3 %	0.0 %
9Be (KED)	19.758 ppb	7.6 %	3.8 %
11B (KED)	19.559 ppb	6.0 %	22.2 %
23Na (KED)	4,349.038 ppb	2.8 %	3.8 %
24Mg (KED)	4,420.155 ppb	2.2 %	3.2 %
27Al (KED)	4,362.528 ppb	2.5 %	3.4 %
39K (KED)	4,404.771 ppb	0.8 %	5.2 %
44Ca (KED)	4,464.878 ppb	1.4 %	4.3 %
45Sc (KED)	92.282 %	1.2 %	0.0 %
47Ti (KED)	20.035 ppb	3.8 %	3.0 %
51V (KED)	20.003 ppb	1.0 %	1.5 %
52Cr (KED)	20.275 ppb	1.6 %	9.3 %
54Fe (KED)	4,576.668 ppb	2.4 %	2.2 %
55Mn (KED)	20.106 ppb	2.3 %	2.6 %
56Fe (KED)	4,525.262 ppb	1.4 %	1.1 %
59Co (KED)	19.931 ppb	1.1 %	2.1 %
60Ni (KED)	20.039 ppb	1.2 %	5.1 %
63Cu (KED)	20.013 ppb	0.0 %	2.6 %
66Zn (KED)	517.150 ppb	1.3 %	1.2 %
74Ge (KED)			
75As (KED)	19.997 ppb	1.3 %	1.1 %
77Se (KED)	20.310 ppb	5.1 %	3.0 %
78Se (KED)	20.077 ppb	1.6 %	6.5 %
82Se (KED)	20.255 ppb	1.6 %	4.8 %
83Kr (KED)			
88Sr (KED)	20.106 ppb	1.2 %	3.7 %
89Y (KED)	93.407 %	1.8 %	0.0 %
95Mo (KED)	20.176 ppb	2.0 %	3.0 %
107Ag (KED)	19.956 ppb	2.1 %	1.6 %
109Ag (KED)	19.731 ppb	2.8 %	1.4 %
111Cd (KED)	19.974 ppb	3.6 %	2.0 %
115In (KED)	91.384 %	1.3 %	0.0 %
118Sn (KED)	20.654 ppb	2.9 %	3.2 %
123Sb (KED)	20.371 ppb	2.5 %	3.8 %
125Te (KED)			
137Ba (KED)	20.195 ppb	3.5 %	3.4 %
159Tb (KED)	97.033 %	2.0 %	0.0 %
205Tl (KED)	20.714 ppb	3.4 %	5.6 %
206Pb (KED)	20.497 ppb	3.9 %	4.6 %
207Pb (KED)	20.317 ppb	3.7 %	3.6 %
208Pb (KED)	20.416 ppb	4.1 %	4.1 %
209Bi (KED)	94.484 %	2.7 %	0.0 %
232Th (KED)	20.650 ppb	3.5 %	8.3 %
238U (KED)	20.814 ppb	3.1 %	5.9 %

Concentrations

12/9/2022 7:09:39 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	ICAL5 J3MS-3020	Comment	LL
Dilution Factor	1	Sample Type:	STD
Date Collected:	12/8/2022 9:22:06 AM		

Labbook:	221208R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/8/2022 8:45:54 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/9/2022 7:09:03 AM

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	88.803 %	2.0 %	0.0 %
9Be (KED)	40.711 ppb	3.5 %	3.8 %
11B (KED)	40.915 ppb	4.5 %	22.2 %
23Na (KED)	9,125.400 ppb	1.5 %	3.8 %
24Mg (KED)	9,079.809 ppb	1.6 %	3.2 %
27Al (KED)	9,120.435 ppb	1.9 %	3.4 %
39K (KED)	9,103.497 ppb	0.4 %	5.2 %
44Ca (KED)	9,095.529 ppb	1.8 %	4.3 %
45Sc (KED)	90.908 %	1.1 %	0.0 %
47Ti (KED)	41.158 ppb	1.7 %	3.0 %
51V (KED)	40.494 ppb	1.0 %	1.5 %
52Cr (KED)	40.142 ppb	1.2 %	9.3 %
54Fe (KED)	9,014.527 ppb	0.5 %	2.2 %
55Mn (KED)	39.926 ppb	1.1 %	2.6 %
56Fe (KED)	9,039.038 ppb	0.6 %	1.1 %
59Co (KED)	39.920 ppb	1.2 %	2.1 %
60Ni (KED)	39.749 ppb	1.0 %	5.1 %
63Cu (KED)	39.136 ppb	0.0 %	2.6 %
66Zn (KED)	1,039.860 ppb	0.9 %	1.2 %
74Ge (KED)			
75As (KED)	40.322 ppb	0.5 %	1.1 %
77Se (KED)	39.362 ppb	4.4 %	3.0 %
78Se (KED)	40.272 ppb	3.3 %	6.5 %
82Se (KED)	40.393 ppb	1.6 %	4.8 %
83Kr (KED)			
88Sr (KED)	41.463 ppb	1.1 %	3.7 %
89Y (KED)	90.596 %	1.3 %	0.0 %
95Mo (KED)	41.753 ppb	0.2 %	3.0 %
107Ag (KED)	39.970 ppb	0.9 %	1.6 %
109Ag (KED)	39.627 ppb	0.7 %	1.4 %
111Cd (KED)	40.879 ppb	0.2 %	2.0 %
115In (KED)	88.956 %	0.8 %	0.0 %
118Sn (KED)	41.826 ppb	0.1 %	3.2 %
123Sb (KED)	42.044 ppb	0.8 %	3.8 %
125Te (KED)			
137Ba (KED)	42.017 ppb	0.9 %	3.4 %
159Tb (KED)	94.065 %	1.0 %	0.0 %
205Tl (KED)	42.482 ppb	0.2 %	5.6 %
206Pb (KED)	42.581 ppb	0.7 %	4.6 %
207Pb (KED)	42.105 ppb	0.7 %	3.6 %
208Pb (KED)	42.372 ppb	0.1 %	4.1 %
209Bi (KED)	90.134 %	0.5 %	0.0 %
232Th (KED)	43.574 ppb	1.3 %	8.3 %
238U (KED)	43.286 ppb	0.5 %	5.9 %

Concentrations

12/9/2022 7:09:39 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	ICAL6 J3MS-3021	Comment	LL
Dilution Factor	1	Sample Type:	STD
Date Collected:	12/8/2022 9:27:52 AM		

Labbook:	221208R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/8/2022 8:45:54 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/9/2022 7:09:03 AM

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	90.606 %	8.7 %	0.0 %
9Be (KED)	99.701 ppb	8.5 %	3.8 %
11B (KED)	99.720 ppb	8.2 %	22.2 %
23Na (KED)	N/A	N/A	3.8 %
24Mg (KED)	N/A	N/A	3.2 %
27Al (KED)	N/A	N/A	3.4 %
39K (KED)	N/A	N/A	5.2 %
44Ca (KED)	N/A	N/A	4.3 %
45Sc (KED)	93.861 %	3.2 %	0.0 %
47Ti (KED)	99.547 ppb	7.0 %	3.0 %
51V (KED)	99.798 ppb	6.4 %	1.5 %
52Cr (KED)	99.882 ppb	6.5 %	9.3 %
54Fe (KED)	N/A	N/A	2.2 %
55Mn (KED)	100.017 ppb	6.0 %	2.6 %
56Fe (KED)	N/A	N/A	1.1 %
59Co (KED)	100.029 ppb	5.0 %	2.1 %
60Ni (KED)	100.049 ppb	4.1 %	5.1 %
63Cu (KED)	100.368 ppb	0.1 %	2.6 %
66Zn (KED)	N/A	N/A	1.2 %
74Ge (KED)			
75As (KED)	99.860 ppb	5.4 %	1.1 %
77Se (KED)	100.247 ppb	7.1 %	3.0 %
78Se (KED)	99.864 ppb	4.7 %	6.5 %
82Se (KED)	99.784 ppb	6.5 %	4.8 %
83Kr (KED)			
88Sr (KED)	99.371 ppb	5.9 %	3.7 %
89Y (KED)	94.277 %	4.8 %	0.0 %
95Mo (KED)	99.249 ppb	5.7 %	3.0 %
107Ag (KED)	99.999 ppb	5.4 %	1.6 %
109Ag (KED)	100.189 ppb	5.5 %	1.4 %
111Cd (KED)	99.621 ppb	6.4 %	2.0 %
115In (KED)	96.295 %	4.1 %	0.0 %
118Sn (KED)	99.112 ppb	6.1 %	3.2 %
123Sb (KED)	99.092 ppb	6.7 %	3.8 %
125Te (KED)			
137Ba (KED)	99.107 ppb	5.4 %	3.4 %
159Tb (KED)	100.338 %	4.1 %	0.0 %
205Tl (KED)	98.784 ppb	4.7 %	5.6 %
206Pb (KED)	98.791 ppb	5.7 %	4.6 %
207Pb (KED)	99.035 ppb	5.4 %	3.6 %
208Pb (KED)	98.899 ppb	5.5 %	4.1 %
209Bi (KED)	100.555 %	3.9 %	0.0 %
232Th (KED)	98.376 ppb	6.9 %	8.3 %
238U (KED)	98.422 ppb	6.7 %	5.9 %

Concentrations

12/9/2022 7:09:39 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	ICAL7 J3MS-3022	Comment	LL
Dilution Factor	1	Sample Type:	STD
Date Collected:	12/8/2022 9:33:38 AM		

Labbook:	221208R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/8/2022 8:45:54 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/9/2022 7:09:03 AM

Category	Concentration average	Concentration RSD	RSE
6Li (KED)	96.394 %	6.0 %	0.0 %
9Be (KED)	N/A	N/A	3.8 %
11B (KED)	N/A	N/A	22.2 %
23Na (KED)	N/A	N/A	3.8 %
24Mg (KED)	N/A	N/A	3.2 %
27Al (KED)	N/A	N/A	3.4 %
39K (KED)	N/A	N/A	5.2 %
44Ca (KED)	N/A	N/A	4.3 %
45Sc (KED)	96.539 %	0.3 %	0.0 %
47Ti (KED)	N/A	N/A	3.0 %
51V (KED)	N/A	N/A	1.5 %
52Cr (KED)	N/A	N/A	9.3 %
54Fe (KED)	N/A	N/A	2.2 %
55Mn (KED)	N/A	N/A	2.6 %
56Fe (KED)	N/A	N/A	1.1 %
59Co (KED)	N/A	N/A	2.1 %
60Ni (KED)	N/A	N/A	5.1 %
63Cu (KED)	249.967 ppb	0.0 %	2.6 %
66Zn (KED)	N/A	N/A	1.2 %
74Ge (KED)			
75As (KED)	N/A	N/A	1.1 %
77Se (KED)	N/A	N/A	3.0 %
78Se (KED)	N/A	N/A	6.5 %
82Se (KED)	N/A	N/A	4.8 %
83Kr (KED)			
88Sr (KED)	N/A	N/A	3.7 %
89Y (KED)	95.249 %	0.4 %	0.0 %
95Mo (KED)	N/A	N/A	3.0 %
107Ag (KED)	N/A	N/A	1.6 %
109Ag (KED)	N/A	N/A	1.4 %
111Cd (KED)	N/A	N/A	2.0 %
115In (KED)	96.668 %	0.4 %	0.0 %
118Sn (KED)	N/A	N/A	3.2 %
123Sb (KED)	N/A	N/A	3.8 %
125Te (KED)			
137Ba (KED)	N/A	N/A	3.4 %
159Tb (KED)	99.405 %	1.1 %	0.0 %
205Tl (KED)	N/A	N/A	5.6 %
206Pb (KED)	N/A	N/A	4.6 %
207Pb (KED)	N/A	N/A	3.6 %
208Pb (KED)	N/A	N/A	4.1 %
209Bi (KED)	99.906 %	0.8 %	0.0 %
232Th (KED)	N/A	N/A	8.3 %
238U (KED)	N/A	N/A	5.9 %

Concentrations

12/9/2022 7:09:39 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	ICV1 J3MS-3023	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	12/8/2022 9:45:09 AM		

Labbook:	221208R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/8/2022 8:45:54 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/9/2022 7:09:03 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	97.343 %	3.2 %	3,420 cps
9Be (KED)	19.938 ppb	0.6 %	2,331 cps
11B (KED)	19.588 ppb	4.0 %	1,759 cps
23Na (KED)	8.617 ppb	12.2 %	54,439 cps
24Mg (KED)	19.709 ppb	3.8 %	15,523 cps
27Al (KED)	4,348.653 ppb	1.7 %	1,113,402 cps
39K (KED)	8.981 ppb	2.9 %	20,467 cps
44Ca (KED)	179.857 ppb	4.8 %	7,499 cps
45Sc (KED)	99.397 %	1.3 %	106,860 cps
47Ti (KED)	19.869 ppb	4.0 %	4,460 cps
51V (KED)	19.829 ppb	2.3 %	164,373 cps
52Cr (KED)	19.699 ppb	1.8 %	234,521 cps
54Fe (KED)	4,424.151 ppb	2.5 %	2,841,537 cps
55Mn (KED)	19.775 ppb	1.7 %	161,509 cps
56Fe (KED)	4,319.213 ppb	1.6 %	66,204,682 cps
59Co (KED)	20.234 ppb	1.9 %	653,214 cps
60Ni (KED)	20.695 ppb	2.3 %	178,224 cps
63Cu (KED)	20.620 ppb	1.0 %	467,628 cps
66Zn (KED)	525.282 ppb	1.6 %	2,121,608 cps
74Ge (KED)			18,510 cps
75As (KED)	20.234 ppb	1.1 %	66,415 cps
77Se (KED)	20.660 ppb	4.7 %	6,258 cps
78Se (KED)	20.158 ppb	1.7 %	5,532 cps
82Se (KED)	21.253 ppb	5.3 %	6,156 cps
83Kr (KED)			4,538 cps
88Sr (KED)	20.060 ppb	1.8 %	163,251 cps
89Y (KED)	99.831 %	0.8 %	198,796 cps
95Mo (KED)	19.414 ppb	1.0 %	187,142 cps
107Ag (KED)	19.917 ppb	0.8 %	908,753 cps
109Ag (KED)	19.915 ppb	1.6 %	936,258 cps
111Cd (KED)	19.939 ppb	1.9 %	129,797 cps
115In (KED)	100.899 %	2.0 %	369,853 cps
118Sn (KED)	19.672 ppb	2.4 %	298,622 cps
123Sb (KED)	19.736 ppb	1.8 %	244,781 cps
125Te (KED)			22 cps
137Ba (KED)	20.112 ppb	3.0 %	147,806 cps
159Tb (KED)	102.971 %	0.9 %	832,942 cps
205Tl (KED)	20.393 ppb	2.1 %	4,136,852 cps
206Pb (KED)	20.512 ppb	2.2 %	1,251,350 cps
207Pb (KED)	20.363 ppb	1.5 %	1,101,735 cps
208Pb (KED)	20.264 ppb	1.5 %	5,025,887 cps
209Bi (KED)	99.490 %	1.7 %	674,436 cps
232Th (KED)	20.229 ppb	2.4 %	5,745,116 cps
238U (KED)	20.151 ppb	4.1 %	6,843,585 cps

Concentrations

12/9/2022 7:09:39 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	IB J3MS-3025 J3MS-3032	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	12/8/2022 9:50:55 AM		

Labbook:	221208R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/8/2022 8:45:54 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/9/2022 7:09:03 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	95.066 %	3.4 %	3,340 cps
9Be (KED)	0.006 ppb	218.6 %	2 cps
11B (KED)	-0.226 ppb	54.8 %	166 cps
23Na (KED)	-7.403 ppb	6.7 %	28,609 cps
24Mg (KED)	0.458 ppb	36.4 %	737 cps
27Al (KED)	-1.111 ppb	18.7 %	173 cps
39K (KED)	3.999 ppb	38.0 %	17,422 cps
44Ca (KED)	0.223 ppb	189.2 %	247 cps
45Sc (KED)	99.286 %	1.1 %	106,741 cps
47Ti (KED)	0.000 ppb	5,269.5 %	3 cps
51V (KED)	-0.004 ppb	30.4 %	71 cps
52Cr (KED)	0.000 ppb	5,593.2 %	2,905 cps
54Fe (KED)	0.424 ppb	85.3 %	1,871 cps
55Mn (KED)	-0.028 ppb	30.3 %	1,176 cps
56Fe (KED)	0.256 ppb	31.5 %	39,513 cps
59Co (KED)	0.000 ppb	208.6 %	111 cps
60Ni (KED)	0.338 ppb	49.4 %	6,771 cps
63Cu (KED)	-0.003 ppb	214.0 %	1,929 cps
66Zn (KED)	-0.057 ppb	7.7 %	2,541 cps
74Ge (KED)			16,131 cps
75As (KED)	0.004 ppb	45.8 %	38 cps
77Se (KED)	-0.001 ppb	2,682.8 %	13 cps
78Se (KED)	0.056 ppb	53.4 %	27 cps
82Se (KED)	-0.034 ppb	784.3 %	332 cps
83Kr (KED)			367 cps
88Sr (KED)	0.005 ppb	154.3 %	223 cps
89Y (KED)	100.966 %	2.5 %	201,055 cps
95Mo (KED)	0.075 ppb	18.4 %	850 cps
107Ag (KED)	0.000 ppb	162.1 %	77 cps
109Ag (KED)	0.000 ppb	105.4 %	73 cps
111Cd (KED)	0.000 ppb	151.3 %	2 cps
115In (KED)	100.669 %	1.2 %	369,011 cps
118Sn (KED)	0.059 ppb	35.6 %	7,222 cps
123Sb (KED)	0.020 ppb	19.0 %	409 cps
125Te (KED)			0 cps
137Ba (KED)	0.004 ppb	77.7 %	303 cps
159Tb (KED)	101.862 %	0.4 %	823,976 cps
205Tl (KED)	0.001 ppb	15.4 %	548 cps
206Pb (KED)	0.000 ppb	209.1 %	448 cps
207Pb (KED)	0.001 ppb	36.5 %	450 cps
208Pb (KED)	0.000 ppb	73.8 %	1,859 cps
209Bi (KED)	101.872 %	0.2 %	690,584 cps
232Th (KED)	0.021 ppb	12.5 %	11,352 cps
238U (KED)	0.000 ppb	60.5 %	380 cps

Concentrations

12/9/2022 7:09:39 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	LLCCV1 J3MS-3016	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	12/8/2022 9:56:40 AM		

Labbook:	221208R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/8/2022 8:45:54 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/9/2022 7:09:03 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	91.176 %	7.6 %	3,204 cps
9Be (KED)	1.001 ppb	20.0 %	110 cps
11B (KED)	0.386 ppb	94.4 %	206 cps
23Na (KED)	176.393 ppb	5.6 %	308,239 cps
24Mg (KED)	184.921 ppb	5.2 %	136,998 cps
27Al (KED)	183.024 ppb	4.5 %	45,757 cps
39K (KED)	174.594 ppb	2.9 %	117,110 cps
44Ca (KED)	178.680 ppb	2.9 %	7,402 cps
45Sc (KED)	98.857 %	1.1 %	106,279 cps
47Ti (KED)	2.283 ppb	9.5 %	512 cps
51V (KED)	0.810 ppb	1.2 %	6,771 cps
52Cr (KED)	0.652 ppb	2.5 %	10,501 cps
54Fe (KED)	178.605 ppb	0.3 %	115,492 cps
55Mn (KED)	0.799 ppb	1.5 %	7,812 cps
56Fe (KED)	174.831 ppb	1.2 %	2,695,317 cps
59Co (KED)	0.846 ppb	2.0 %	27,215 cps
60Ni (KED)	1.023 ppb	8.6 %	12,420 cps
63Cu (KED)	0.830 ppb	0.4 %	20,298 cps
66Zn (KED)	21.305 ppb	0.3 %	87,972 cps
74Ge (KED)			15,960 cps
75As (KED)	0.843 ppb	2.3 %	2,766 cps
77Se (KED)	0.836 ppb	9.2 %	263 cps
78Se (KED)	0.864 ppb	24.2 %	246 cps
82Se (KED)	1.311 ppb	43.9 %	690 cps
83Kr (KED)			570 cps
88Sr (KED)	0.831 ppb	3.3 %	6,849 cps
89Y (KED)	98.699 %	1.4 %	196,542 cps
95Mo (KED)	2.149 ppb	5.1 %	20,530 cps
107Ag (KED)	0.829 ppb	2.3 %	37,149 cps
109Ag (KED)	0.828 ppb	1.5 %	38,234 cps
111Cd (KED)	0.823 ppb	1.7 %	5,248 cps
115In (KED)	98.629 %	1.4 %	361,533 cps
118Sn (KED)	2.097 ppb	3.5 %	36,708 cps
123Sb (KED)	2.101 ppb	2.6 %	25,678 cps
125Te (KED)			0 cps
137Ba (KED)	0.811 ppb	0.9 %	6,124 cps
159Tb (KED)	102.029 %	1.2 %	825,322 cps
205Tl (KED)	0.772 ppb	0.3 %	157,970 cps
206Pb (KED)	0.820 ppb	2.0 %	50,844 cps
207Pb (KED)	0.818 ppb	1.3 %	44,987 cps
208Pb (KED)	0.817 ppb	1.2 %	205,915 cps
209Bi (KED)	100.344 %	0.5 %	680,226 cps
232Th (KED)	0.756 ppb	0.6 %	221,409 cps
238U (KED)	0.801 ppb	2.7 %	274,664 cps

Concentrations

12/9/2022 7:09:39 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	LLCCV2 J3MS-3017	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	12/8/2022 10:02:24 AM		

Labbook:	221208R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/8/2022 8:45:54 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/9/2022 7:09:03 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	89.278 %	1.3 %	3,137 cps
9Be (KED)	4.294 ppb	7.3 %	463 cps
11B (KED)	3.458 ppb	11.2 %	430 cps
23Na (KED)	906.928 ppb	2.2 %	1,390,536 cps
24Mg (KED)	899.356 ppb	1.8 %	649,745 cps
27Al (KED)	904.917 ppb	1.0 %	219,187 cps
39K (KED)	892.112 ppb	0.5 %	522,975 cps
44Ca (KED)	891.678 ppb	1.0 %	35,022 cps
45Sc (KED)	96.160 %	1.2 %	103,381 cps
47Ti (KED)	4.273 ppb	7.5 %	930 cps
51V (KED)	3.996 ppb	1.6 %	32,107 cps
52Cr (KED)	3.894 ppb	2.6 %	47,070 cps
54Fe (KED)	891.836 ppb	1.7 %	554,902 cps
55Mn (KED)	3.990 ppb	1.9 %	32,574 cps
56Fe (KED)	869.513 ppb	0.7 %	12,906,868 cps
59Co (KED)	4.081 ppb	0.9 %	127,360 cps
60Ni (KED)	4.269 ppb	2.2 %	38,489 cps
63Cu (KED)	4.187 ppb	1.8 %	92,160 cps
66Zn (KED)	105.336 ppb	1.2 %	412,802 cps
74Ge (KED)			16,032 cps
75As (KED)	4.121 ppb	0.9 %	13,063 cps
77Se (KED)	3.995 ppb	12.0 %	1,177 cps
78Se (KED)	4.451 ppb	8.3 %	1,187 cps
82Se (KED)	4.901 ppb	11.9 %	1,619 cps
83Kr (KED)			1,260 cps
88Sr (KED)	4.108 ppb	1.8 %	32,335 cps
89Y (KED)	96.132 %	1.5 %	191,429 cps
95Mo (KED)	4.334 ppb	3.1 %	40,071 cps
107Ag (KED)	4.112 ppb	1.2 %	177,493 cps
109Ag (KED)	4.080 ppb	0.8 %	181,192 cps
111Cd (KED)	4.097 ppb	1.6 %	25,138 cps
115In (KED)	94.692 %	0.5 %	347,104 cps
118Sn (KED)	4.253 ppb	0.8 %	65,380 cps
123Sb (KED)	4.388 ppb	0.5 %	51,404 cps
125Te (KED)			3 cps
137Ba (KED)	4.095 ppb	0.9 %	28,759 cps
159Tb (KED)	98.694 %	0.6 %	798,349 cps
205Tl (KED)	3.823 ppb	0.4 %	755,608 cps
206Pb (KED)	4.122 ppb	0.4 %	245,350 cps
207Pb (KED)	4.090 ppb	0.9 %	215,948 cps
208Pb (KED)	4.105 ppb	0.7 %	993,893 cps
209Bi (KED)	97.014 %	0.8 %	657,651 cps
232Th (KED)	4.046 ppb	0.4 %	1,124,746 cps
238U (KED)	4.109 ppb	0.4 %	1,361,690 cps

Concentrations

12/9/2022 7:09:39 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	ICSA J3MS-3024	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	12/8/2022 10:08:09 AM		

Labbook:	221208R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/8/2022 8:45:54 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/9/2022 7:09:03 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	95.161 %	2.7 %	3,344 cps
9Be (KED)	0.000 ppb	4,036.7 %	1 cps
11B (KED)	0.920 ppb	6.2 %	255 cps
23Na (KED)	9,755.642 ppb	1.2 %	14,884,689 cps
24Mg (KED)	9,772.323 ppb	1.4 %	7,183,531 cps
27Al (KED)	9,631.142 ppb	1.2 %	2,353,120 cps
39K (KED)	9,777.783 ppb	1.0 %	5,479,211 cps
44Ca (KED)	9,337.139 ppb	1.6 %	353,072 cps
45Sc (KED)	92.917 %	1.0 %	99,894 cps
47Ti (KED)	201.951 ppb	1.9 %	42,362 cps
51V (KED)	0.013 ppb	7.0 %	201 cps
52Cr (KED)	-0.097 ppb	8.6 %	1,645 cps
54Fe (KED)	9,708.021 ppb	2.6 %	5,834,146 cps
55Mn (KED)	0.110 ppb	9.8 %	2,138 cps
56Fe (KED)	9,345.216 ppb	1.5 %	134,065,922 cps
59Co (KED)	0.088 ppb	4.6 %	2,764 cps
60Ni (KED)	0.602 ppb	5.8 %	8,394 cps
63Cu (KED)	0.016 ppb	29.7 %	2,182 cps
66Zn (KED)	0.084 ppb	63.6 %	2,904 cps
74Ge (KED)			15,049 cps
75As (KED)	0.063 ppb	0.5 %	217 cps
77Se (KED)	-0.009 ppb	381.2 %	10 cps
78Se (KED)	0.093 ppb	28.4 %	34 cps
82Se (KED)	0.553 ppb	118.5 %	460 cps
83Kr (KED)			370 cps
88Sr (KED)	0.063 ppb	18.9 %	650 cps
89Y (KED)	93.878 %	0.8 %	186,941 cps
95Mo (KED)	205.912 ppb	1.9 %	1,844,863 cps
107Ag (KED)	0.002 ppb	11.2 %	150 cps
109Ag (KED)	0.003 ppb	21.6 %	189 cps
111Cd (KED)	0.063 ppb	4.5 %	372 cps
115In (KED)	90.431 %	0.8 %	331,484 cps
118Sn (KED)	0.105 ppb	7.4 %	7,122 cps
123Sb (KED)	0.022 ppb	35.4 %	391 cps
125Te (KED)			0 cps
137Ba (KED)	-0.003 ppb	239.1 %	233 cps
159Tb (KED)	96.715 %	0.9 %	782,342 cps
205Tl (KED)	0.002 ppb	15.0 %	594 cps
206Pb (KED)	0.043 ppb	2.8 %	2,837 cps
207Pb (KED)	0.042 ppb	5.1 %	2,436 cps
208Pb (KED)	0.043 ppb	1.3 %	11,480 cps
209Bi (KED)	91.712 %	0.9 %	621,708 cps
232Th (KED)	0.079 ppb	6.7 %	25,456 cps
238U (KED)	0.032 ppb	0.8 %	10,131 cps

Concentrations

12/9/2022 7:09:39 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	J2215752006 100X	Comment	LL 2458
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	12/8/2022 10:24:43 AM		

Labbook:	221208R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/8/2022 8:45:54 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/9/2022 7:09:03 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	97.533 %	9.0 %	3,427 cps
9Be (KED)	0.020 ppb	53.7 %	3 cps
11B (KED)	-0.427 ppb	35.3 %	153 cps
23Na (KED)	0.097 ppb	1,363.9 %	40,492 cps
24Mg (KED)	11.315 ppb	4.6 %	8,990 cps
27Al (KED)	115.975 ppb	7.0 %	29,745 cps
39K (KED)	1.510 ppb	37.2 %	15,737 cps
44Ca (KED)	115.534 ppb	7.0 %	4,798 cps
45Sc (KED)	97.269 %	2.4 %	104,572 cps
47Ti (KED)	0.105 ppb	34.7 %	27 cps
51V (KED)	0.248 ppb	3.9 %	2,166 cps
52Cr (KED)	0.243 ppb	12.4 %	5,801 cps
54Fe (KED)	92.318 ppb	3.1 %	61,860 cps
55Mn (KED)	10.322 ppb	2.6 %	86,720 cps
56Fe (KED)	89.558 ppb	2.8 %	1,442,427 cps
59Co (KED)	0.209 ppb	0.9 %	7,111 cps
60Ni (KED)	0.385 ppb	10.4 %	7,442 cps
63Cu (KED)	0.160 ppb	6.7 %	5,850 cps
66Zn (KED)	1.447 ppb	2.1 %	9,179 cps
74Ge (KED)			15,724 cps
75As (KED)	0.103 ppb	0.7 %	400 cps
77Se (KED)	0.035 ppb	131.5 %	27 cps
78Se (KED)	0.029 ppb	60.8 %	21 cps
82Se (KED)	0.580 ppb	164.1 %	559 cps
83Kr (KED)			423 cps
88Sr (KED)	4.253 ppb	2.7 %	40,332 cps
89Y (KED)	116.248 %	2.5 %	231,486 cps
95Mo (KED)	0.058 ppb	7.2 %	753 cps
107Ag (KED)	0.002 ppb	85.9 %	130 cps
109Ag (KED)	0.000 ppb	147.2 %	68 cps
111Cd (KED)	0.006 ppb	7.4 %	40 cps
115In (KED)	96.251 %	2.2 %	352,819 cps
118Sn (KED)	-0.034 ppb	28.2 %	5,609 cps
123Sb (KED)	0.005 ppb	66.4 %	209 cps
125Te (KED)			0 cps
137Ba (KED)	0.787 ppb	0.3 %	5,891 cps
159Tb (KED)	102.380 %	0.7 %	828,165 cps
205Tl (KED)	0.004 ppb	5.0 %	1,165 cps
206Pb (KED)	0.141 ppb	3.6 %	9,052 cps
207Pb (KED)	0.123 ppb	1.2 %	7,045 cps
208Pb (KED)	0.128 ppb	1.2 %	33,532 cps
209Bi (KED)	99.457 %	0.4 %	674,210 cps
232Th (KED)	0.014 ppb	14.9 %	9,143 cps
238U (KED)	0.038 ppb	2.7 %	13,027 cps

Concentrations

12/9/2022 7:09:39 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	J2215752008 10X	Comment	LL 2458
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	12/8/2022 10:36:13 AM		

Labbook:	221208R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/8/2022 8:45:54 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/9/2022 7:09:03 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	95.350 %	8.0 %	3,350 cps
9Be (KED)	0.006 ppb	211.6 %	2 cps
11B (KED)	1.471 ppb	15.2 %	299 cps
23Na (KED)	841.659 ppb	5.9 %	1,340,335 cps
24Mg (KED)	118.472 ppb	5.2 %	88,916 cps
27Al (KED)	7.331 ppb	3.7 %	2,277 cps
39K (KED)	34.246 ppb	5.4 %	34,434 cps
44Ca (KED)	465.167 ppb	3.0 %	18,447 cps
45Sc (KED)	96.359 %	0.7 %	103,594 cps
47Ti (KED)	0.052 ppb	90.1 %	14 cps
51V (KED)	0.029 ppb	6.6 %	334 cps
52Cr (KED)	0.201 ppb	4.5 %	5,122 cps
54Fe (KED)	377.737 ppb	1.8 %	237,609 cps
55Mn (KED)	38.884 ppb	1.0 %	307,990 cps
56Fe (KED)	362.972 ppb	1.0 %	5,452,895 cps
59Co (KED)	1.720 ppb	0.6 %	54,260 cps
60Ni (KED)	1.564 ppb	1.9 %	16,657 cps
63Cu (KED)	0.083 ppb	11.1 %	3,734 cps
66Zn (KED)	9.724 ppb	2.0 %	41,098 cps
74Ge (KED)			15,843 cps
75As (KED)	1.008 ppb	1.2 %	3,277 cps
77Se (KED)	-0.011 ppb	2.1 %	10 cps
78Se (KED)	0.038 ppb	38.4 %	21 cps
82Se (KED)	0.805 ppb	112.0 %	549 cps
83Kr (KED)			447 cps
88Sr (KED)	9.722 ppb	1.0 %	78,302 cps
89Y (KED)	98.729 %	0.7 %	196,601 cps
95Mo (KED)	0.041 ppb	29.8 %	500 cps
107Ag (KED)	0.001 ppb	60.0 %	93 cps
109Ag (KED)	0.001 ppb	68.4 %	142 cps
111Cd (KED)	0.004 ppb	23.9 %	30 cps
115In (KED)	95.057 %	0.7 %	348,441 cps
118Sn (KED)	0.061 ppb	24.4 %	6,867 cps
123Sb (KED)	0.030 ppb	2.6 %	510 cps
125Te (KED)			3 cps
137Ba (KED)	2.345 ppb	1.4 %	16,737 cps
159Tb (KED)	100.177 %	0.4 %	810,344 cps
205Tl (KED)	0.023 ppb	1.8 %	4,871 cps
206Pb (KED)	0.196 ppb	1.6 %	12,021 cps
207Pb (KED)	0.182 ppb	0.9 %	9,940 cps
208Pb (KED)	0.188 ppb	1.2 %	46,842 cps
209Bi (KED)	96.553 %	0.5 %	654,526 cps
232Th (KED)	-0.008 ppb	14.2 %	2,844 cps
238U (KED)	0.002 ppb	7.0 %	900 cps

Concentrations

12/9/2022 7:09:39 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	J2215752009 50X	Comment	LL 2458
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	12/8/2022 10:41:58 AM		

Labbook:	221208R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/8/2022 8:45:54 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/9/2022 7:09:03 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	93.073 %	6.0 %	3,270 cps
9Be (KED)	0.010 ppb	100.3 %	2 cps
11B (KED)	-0.234 ppb	113.7 %	162 cps
23Na (KED)	104.444 ppb	4.8 %	197,022 cps
24Mg (KED)	19.075 ppb	5.5 %	14,335 cps
27Al (KED)	1.537 ppb	19.0 %	813 cps
39K (KED)	1.422 ppb	60.9 %	15,236 cps
44Ca (KED)	234.223 ppb	5.0 %	9,247 cps
45Sc (KED)	94.782 %	3.5 %	101,899 cps
47Ti (KED)	0.079 ppb	70.9 %	20 cps
51V (KED)	0.007 ppb	60.0 %	154 cps
52Cr (KED)	0.024 ppb	52.5 %	3,036 cps
54Fe (KED)	13.402 ppb	7.7 %	9,727 cps
55Mn (KED)	52.909 ppb	6.0 %	409,953 cps
56Fe (KED)	14.149 ppb	16.0 %	240,853 cps
59Co (KED)	0.319 ppb	4.8 %	9,943 cps
60Ni (KED)	0.602 ppb	5.8 %	8,571 cps
63Cu (KED)	0.016 ppb	53.9 %	2,237 cps
66Zn (KED)	3.213 ppb	7.4 %	15,020 cps
74Ge (KED)			15,393 cps
75As (KED)	0.144 ppb	6.3 %	476 cps
77Se (KED)	-0.020 ppb	206.1 %	7 cps
78Se (KED)	0.003 ppb	1,160.3 %	11 cps
82Se (KED)	1.161 ppb	116.9 %	619 cps
83Kr (KED)			570 cps
88Sr (KED)	0.798 ppb	4.9 %	6,395 cps
89Y (KED)	95.877 %	4.2 %	190,922 cps
95Mo (KED)	0.021 ppb	7.8 %	303 cps
107Ag (KED)	0.000 ppb	232.2 %	67 cps
109Ag (KED)	0.000 ppb	110.7 %	66 cps
111Cd (KED)	0.022 ppb	15.6 %	132 cps
115In (KED)	92.409 %	2.4 %	338,733 cps
118Sn (KED)	-0.024 ppb	25.8 %	5,507 cps
123Sb (KED)	0.008 ppb	57.3 %	242 cps
125Te (KED)			0 cps
137Ba (KED)	0.884 ppb	6.6 %	6,284 cps
159Tb (KED)	97.449 %	3.9 %	788,276 cps
205Tl (KED)	0.002 ppb	9.7 %	682 cps
206Pb (KED)	0.016 ppb	6.5 %	1,319 cps
207Pb (KED)	0.015 ppb	16.4 %	1,096 cps
208Pb (KED)	0.015 ppb	7.8 %	5,245 cps
209Bi (KED)	94.357 %	3.0 %	639,636 cps
232Th (KED)	-0.011 ppb	8.7 %	1,703 cps
238U (KED)	0.000 ppb	62.8 %	307 cps

Concentrations

12/9/2022 7:09:39 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	J2215752010 10X	Comment	LL 2458
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	12/8/2022 10:47:43 AM		

Labbook:	221208R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/8/2022 8:45:54 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/9/2022 7:09:03 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	92.599 %	3.1 %	3,254 cps
9Be (KED)	-0.002 ppb	224.6 %	1 cps
11B (KED)	0.377 ppb	71.8 %	208 cps
23Na (KED)	384.514 ppb	2.8 %	622,418 cps
24Mg (KED)	173.067 ppb	3.2 %	127,407 cps
27Al (KED)	40.195 ppb	2.5 %	10,288 cps
39K (KED)	42.917 ppb	1.5 %	39,021 cps
44Ca (KED)	276.322 ppb	1.5 %	10,965 cps
45Sc (KED)	95.656 %	0.6 %	102,838 cps
47Ti (KED)	0.242 ppb	18.8 %	56 cps
51V (KED)	0.038 ppb	12.9 %	409 cps
52Cr (KED)	0.025 ppb	10.9 %	3,094 cps
54Fe (KED)	1,613.749 ppb	1.2 %	1,009,016 cps
55Mn (KED)	22.220 ppb	0.3 %	176,519 cps
56Fe (KED)	1,544.672 ppb	0.3 %	23,099,695 cps
59Co (KED)	0.080 ppb	3.2 %	2,628 cps
60Ni (KED)	0.051 ppb	35.7 %	4,225 cps
63Cu (KED)	0.048 ppb	12.4 %	3,000 cps
66Zn (KED)	4.093 ppb	3.2 %	18,993 cps
74Ge (KED)			15,496 cps
75As (KED)	0.353 ppb	3.3 %	1,180 cps
77Se (KED)	-0.033 ppb	58.4 %	3 cps
78Se (KED)	0.049 ppb	39.2 %	24 cps
82Se (KED)	1.021 ppb	98.8 %	618 cps
83Kr (KED)			453 cps
88Sr (KED)	1.611 ppb	2.2 %	13,407 cps
89Y (KED)	100.946 %	1.5 %	201,016 cps
95Mo (KED)	0.013 ppb	30.8 %	240 cps
107Ag (KED)	0.001 ppb	36.3 %	97 cps
109Ag (KED)	0.001 ppb	256.8 %	106 cps
111Cd (KED)	0.003 ppb	26.9 %	23 cps
115In (KED)	92.590 %	0.2 %	339,396 cps
118Sn (KED)	0.001 ppb	315.1 %	5,873 cps
123Sb (KED)	0.009 ppb	28.5 %	253 cps
125Te (KED)			1 cps
137Ba (KED)	2.358 ppb	0.2 %	16,431 cps
159Tb (KED)	98.047 %	0.8 %	793,113 cps
205Tl (KED)	0.002 ppb	20.5 %	738 cps
206Pb (KED)	0.180 ppb	3.9 %	11,022 cps
207Pb (KED)	0.166 ppb	2.6 %	9,048 cps
208Pb (KED)	0.170 ppb	1.9 %	42,430 cps
209Bi (KED)	96.390 %	0.7 %	653,421 cps
232Th (KED)	0.052 ppb	4.8 %	19,115 cps
238U (KED)	0.020 ppb	3.7 %	6,752 cps

Concentrations

12/9/2022 7:09:39 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	J2215752011 10X	Comment	LL 2458
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	12/8/2022 10:53:28 AM		

Labbook:	221208R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/8/2022 8:45:54 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/9/2022 7:09:03 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	87.475 %	5.7 %	3,074 cps
9Be (KED)	-0.005 ppb	98.5 %	0 cps
11B (KED)	0.678 ppb	44.2 %	219 cps
23Na (KED)	368.141 ppb	4.5 %	575,938 cps
24Mg (KED)	175.891 ppb	3.2 %	124,980 cps
27Al (KED)	46.446 ppb	3.1 %	11,455 cps
39K (KED)	42.100 ppb	5.3 %	37,871 cps
44Ca (KED)	271.150 ppb	2.4 %	10,638 cps
45Sc (KED)	94.638 %	1.3 %	101,744 cps
47Ti (KED)	0.276 ppb	21.5 %	62 cps
51V (KED)	0.041 ppb	9.6 %	426 cps
52Cr (KED)	0.026 ppb	10.2 %	3,079 cps
54Fe (KED)	1,647.489 ppb	0.7 %	1,020,120 cps
55Mn (KED)	22.056 ppb	1.1 %	173,552 cps
56Fe (KED)	1,589.515 ppb	0.8 %	23,545,293 cps
59Co (KED)	0.077 ppb	1.2 %	2,499 cps
60Ni (KED)	0.033 ppb	53.0 %	4,039 cps
63Cu (KED)	0.038 ppb	11.5 %	2,747 cps
66Zn (KED)	4.334 ppb	0.4 %	19,787 cps
74Ge (KED)			15,504 cps
75As (KED)	0.360 ppb	1.3 %	1,194 cps
77Se (KED)	-0.033 ppb	58.0 %	3 cps
78Se (KED)	0.046 ppb	27.7 %	23 cps
82Se (KED)	0.925 ppb	98.7 %	589 cps
83Kr (KED)			520 cps
88Sr (KED)	1.730 ppb	0.6 %	14,295 cps
89Y (KED)	100.363 %	0.5 %	199,855 cps
95Mo (KED)	0.016 ppb	24.0 %	270 cps
107Ag (KED)	0.001 ppb	59.7 %	97 cps
109Ag (KED)	0.000 ppb	106.3 %	93 cps
111Cd (KED)	0.003 ppb	30.5 %	19 cps
115In (KED)	91.454 %	1.1 %	335,234 cps
118Sn (KED)	-0.015 ppb	145.9 %	5,588 cps
123Sb (KED)	0.006 ppb	42.5 %	220 cps
125Te (KED)			1 cps
137Ba (KED)	2.369 ppb	1.4 %	16,439 cps
159Tb (KED)	98.341 %	0.8 %	795,494 cps
205Tl (KED)	0.002 ppb	16.9 %	729 cps
206Pb (KED)	0.188 ppb	1.1 %	11,576 cps
207Pb (KED)	0.170 ppb	1.0 %	9,346 cps
208Pb (KED)	0.178 ppb	0.9 %	44,669 cps
209Bi (KED)	97.061 %	0.6 %	657,969 cps
232Th (KED)	0.058 ppb	1.9 %	21,111 cps
238U (KED)	0.020 ppb	2.1 %	6,865 cps

Concentrations

12/9/2022 7:09:39 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	J2215752012 20X	Comment	LL 2458
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	12/8/2022 11:04:59 AM		

Labbook:	221208R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/8/2022 8:45:54 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/9/2022 7:09:03 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	89.088 %	4.0 %	3,130 cps
9Be (KED)	0.010 ppb	159.1 %	2 cps
11B (KED)	-0.280 ppb	52.9 %	152 cps
23Na (KED)	109.418 ppb	1.5 %	199,193 cps
24Mg (KED)	16.581 ppb	1.5 %	12,199 cps
27Al (KED)	74.940 ppb	2.2 %	18,310 cps
39K (KED)	12.852 ppb	4.8 %	21,442 cps
44Ca (KED)	108.351 ppb	6.0 %	4,364 cps
45Sc (KED)	94.086 %	0.4 %	101,150 cps
47Ti (KED)	0.308 ppb	6.2 %	69 cps
51V (KED)	0.243 ppb	1.1 %	2,039 cps
52Cr (KED)	0.260 ppb	7.2 %	5,759 cps
54Fe (KED)	97.310 ppb	1.1 %	62,223 cps
55Mn (KED)	16.275 ppb	1.3 %	129,704 cps
56Fe (KED)	94.738 ppb	1.1 %	1,452,229 cps
59Co (KED)	1.184 ppb	1.3 %	37,750 cps
60Ni (KED)	0.217 ppb	21.5 %	5,647 cps
63Cu (KED)	0.420 ppb	2.4 %	11,284 cps
66Zn (KED)	2.676 ppb	0.4 %	13,607 cps
74Ge (KED)			15,178 cps
75As (KED)	0.512 ppb	1.3 %	1,753 cps
77Se (KED)	-0.012 ppb	266.7 %	10 cps
78Se (KED)	0.069 ppb	9.6 %	31 cps
82Se (KED)	1.087 ppb	51.9 %	664 cps
83Kr (KED)			520 cps
88Sr (KED)	1.755 ppb	2.2 %	15,366 cps
89Y (KED)	106.473 %	0.9 %	212,022 cps
95Mo (KED)	0.027 ppb	21.7 %	390 cps
107Ag (KED)	0.000 ppb	458.6 %	67 cps
109Ag (KED)	0.000 ppb	2,633.7 %	82 cps
111Cd (KED)	0.007 ppb	29.1 %	47 cps
115In (KED)	92.280 %	0.8 %	338,262 cps
118Sn (KED)	-0.011 ppb	73.6 %	5,684 cps
123Sb (KED)	0.005 ppb	55.3 %	203 cps
125Te (KED)			0 cps
137Ba (KED)	0.892 ppb	2.2 %	6,366 cps
159Tb (KED)	98.061 %	0.4 %	793,228 cps
205Tl (KED)	0.005 ppb	11.5 %	1,242 cps
206Pb (KED)	0.137 ppb	4.1 %	8,450 cps
207Pb (KED)	0.127 ppb	2.7 %	6,978 cps
208Pb (KED)	0.128 ppb	0.7 %	32,234 cps
209Bi (KED)	95.806 %	0.5 %	649,461 cps
232Th (KED)	0.009 ppb	10.4 %	7,309 cps
238U (KED)	0.040 ppb	2.0 %	13,207 cps

Concentrations

12/9/2022 7:09:39 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	J2215752004 10X	Comment	LL 2458
Dilution Factor	1	Sample Type:	UNKNOWN
Date Collected:	12/8/2022 11:10:45 AM		

Labbook:	221208R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/8/2022 8:45:54 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/9/2022 7:09:03 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	88.993 %	3.9 %	3,127 cps
9Be (KED)	0.001 ppb	914.0 %	1 cps
11B (KED)	1.127 ppb	19.5 %	256 cps
23Na (KED)	1,092.821 ppb	1.4 %	1,659,093 cps
24Mg (KED)	416.928 ppb	2.1 %	299,811 cps
27Al (KED)	71.073 ppb	0.4 %	17,519 cps
39K (KED)	158.479 ppb	0.9 %	104,139 cps
44Ca (KED)	6,103.408 ppb	1.8 %	236,604 cps
45Sc (KED)	95.453 %	1.0 %	102,620 cps
47Ti (KED)	0.904 ppb	25.8 %	198 cps
51V (KED)	0.238 ppb	1.1 %	2,002 cps
52Cr (KED)	0.111 ppb	3.8 %	4,053 cps
54Fe (KED)	553.847 ppb	2.8 %	344,864 cps
55Mn (KED)	22.038 ppb	0.9 %	173,778 cps
56Fe (KED)	537.853 ppb	1.7 %	8,001,287 cps
59Co (KED)	0.050 ppb	5.7 %	1,659 cps
60Ni (KED)	0.054 ppb	39.2 %	4,206 cps
63Cu (KED)	0.264 ppb	7.2 %	7,628 cps
66Zn (KED)	57.685 ppb	1.4 %	229,043 cps
74Ge (KED)			15,315 cps
75As (KED)	0.081 ppb	6.1 %	285 cps
77Se (KED)	0.001 ppb	3,642.2 %	13 cps
78Se (KED)	0.076 ppb	66.7 %	31 cps
82Se (KED)	1.392 ppb	58.5 %	704 cps
83Kr (KED)			540 cps
88Sr (KED)	10.293 ppb	1.2 %	82,660 cps
89Y (KED)	98.478 %	1.2 %	196,101 cps
95Mo (KED)	0.253 ppb	1.9 %	2,487 cps
107Ag (KED)	0.002 ppb	28.8 %	120 cps
109Ag (KED)	0.001 ppb	32.0 %	133 cps
111Cd (KED)	0.004 ppb	1.4 %	25 cps
115In (KED)	93.281 %	1.3 %	341,931 cps
118Sn (KED)	0.006 ppb	136.6 %	5,978 cps
123Sb (KED)	0.010 ppb	20.6 %	267 cps
125Te (KED)			0 cps
137Ba (KED)	149.935 ppb	1.4 %	1,028,115 cps
159Tb (KED)	97.221 %	1.8 %	786,432 cps
205Tl (KED)	0.001 ppb	12.8 %	453 cps
206Pb (KED)	0.141 ppb	3.3 %	8,630 cps
207Pb (KED)	0.132 ppb	2.4 %	7,157 cps
208Pb (KED)	0.135 ppb	2.4 %	33,483 cps
209Bi (KED)	94.868 %	1.6 %	643,099 cps
232Th (KED)	-0.006 ppb	2.3 %	3,230 cps
238U (KED)	0.026 ppb	1.5 %	8,760 cps

Concentrations

12/9/2022 7:09:39 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	CCV J3MS-3031	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	12/8/2022 11:16:31 AM		

Labbook:	221208R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/8/2022 8:45:54 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/9/2022 7:09:03 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	90.606 %	3.1 %	3,184 cps
9Be (KED)	20.300 ppb	2.8 %	2,204 cps
11B (KED)	19.189 ppb	3.4 %	1,603 cps
23Na (KED)	4,533.953 ppb	1.9 %	6,664,224 cps
24Mg (KED)	4,515.766 ppb	1.7 %	3,190,259 cps
27Al (KED)	4,539.407 ppb	0.9 %	1,067,679 cps
39K (KED)	4,493.711 ppb	1.0 %	2,446,806 cps
44Ca (KED)	4,526.892 ppb	1.0 %	166,377 cps
45Sc (KED)	90.293 %	1.5 %	97,072 cps
47Ti (KED)	20.216 ppb	1.9 %	4,121 cps
51V (KED)	20.310 ppb	2.7 %	152,740 cps
52Cr (KED)	20.230 ppb	1.4 %	218,396 cps
54Fe (KED)	4,445.256 ppb	2.4 %	2,588,655 cps
55Mn (KED)	20.288 ppb	2.3 %	150,168 cps
56Fe (KED)	4,391.512 ppb	1.0 %	61,013,194 cps
59Co (KED)	19.819 ppb	1.4 %	579,563 cps
60Ni (KED)	19.830 ppb	1.1 %	154,829 cps
63Cu (KED)	19.933 ppb	1.0 %	408,997 cps
66Zn (KED)	529.951 ppb	1.1 %	1,936,071 cps
74Ge (KED)			16,541 cps
75As (KED)	20.151 ppb	1.7 %	59,711 cps
77Se (KED)	21.318 ppb	3.5 %	5,825 cps
78Se (KED)	20.571 ppb	3.9 %	5,092 cps
82Se (KED)	22.052 ppb	3.7 %	5,748 cps
83Kr (KED)			4,291 cps
88Sr (KED)	21.131 ppb	0.8 %	154,886 cps
89Y (KED)	89.888 %	2.0 %	178,996 cps
95Mo (KED)	20.201 ppb	0.7 %	174,244 cps
107Ag (KED)	20.044 ppb	0.6 %	808,331 cps
109Ag (KED)	19.865 ppb	0.8 %	823,894 cps
111Cd (KED)	20.435 ppb	0.6 %	117,119 cps
115In (KED)	88.451 %	0.6 %	324,226 cps
118Sn (KED)	21.194 ppb	0.8 %	282,446 cps
123Sb (KED)	20.780 ppb	0.2 %	227,613 cps
125Te (KED)			31 cps
137Ba (KED)	20.723 ppb	0.3 %	136,181 cps
159Tb (KED)	93.812 %	0.6 %	758,859 cps
205Tl (KED)	20.933 ppb	1.2 %	3,825,589 cps
206Pb (KED)	20.990 ppb	0.8 %	1,153,274 cps
207Pb (KED)	20.943 ppb	0.6 %	1,020,167 cps
208Pb (KED)	20.862 ppb	0.5 %	4,657,468 cps
209Bi (KED)	89.517 %	0.3 %	606,826 cps
232Th (KED)	21.432 ppb	1.6 %	5,477,732 cps
238U (KED)	21.490 ppb	0.6 %	6,569,576 cps

Concentrations

12/9/2022 7:09:39 AM
Instrument: J3R
Method: EPA 6020A/B, 200.8

Advanced Environmental Laboratories, Inc.

Sample ID:	CCB J3MS-3025 J3MS-3032	Comment	LL
Dilution Factor	1	Sample Type:	QC
Date Collected:	12/8/2022 11:22:18 AM		

Labbook:	221208R1.imexp	Configuration	iCAP RQ w ASX 560
Instruments	iCAP RQ, ASX-560	Template	6020AB 200.8 Waters
Acquired by (User)	LAB-AELLAB\Jax-uICPMS3	Creation time	12/8/2022 8:45:54 AM
Last changed by (User)	LAB-AELLAB\Jax-uICPMS3	Last change time	12/9/2022 7:09:03 AM

Category	Concentration average	Concentration RSD	Intensity average
6Li (KED)	89.942 %	2.1 %	3,160 cps
9Be (KED)	0.001 ppb	1,217.9 %	1 cps
11B (KED)	-0.291 ppb	91.0 %	152 cps
23Na (KED)	-6.945 ppb	3.5 %	27,664 cps
24Mg (KED)	0.001 ppb	2,061.7 %	367 cps
27Al (KED)	-1.308 ppb	7.7 %	117 cps
39K (KED)	4.979 ppb	29.3 %	16,932 cps
44Ca (KED)	0.445 ppb	335.7 %	240 cps
45Sc (KED)	93.241 %	0.8 %	100,242 cps
47Ti (KED)	-0.004 ppb	434.0 %	2 cps
51V (KED)	-0.004 ppb	45.8 %	64 cps
52Cr (KED)	0.006 ppb	220.9 %	2,778 cps
54Fe (KED)	0.072 ppb	470.9 %	1,539 cps
55Mn (KED)	-0.054 ppb	16.9 %	901 cps
56Fe (KED)	0.046 ppb	151.5 %	33,876 cps
59Co (KED)	-0.001 ppb	31.0 %	67 cps
60Ni (KED)	-0.196 ppb	11.7 %	2,094 cps
63Cu (KED)	-0.008 ppb	50.4 %	1,697 cps
66Zn (KED)	-0.031 ppb	87.6 %	2,461 cps
74Ge (KED)			14,961 cps
75As (KED)	0.001 ppb	244.0 %	26 cps
77Se (KED)	-0.044 ppb	0.0 %	0 cps
78Se (KED)	0.051 ppb	91.3 %	23 cps
82Se (KED)	1.554 ppb	44.2 %	710 cps
83Kr (KED)			567 cps
88Sr (KED)	-0.002 ppb	246.7 %	150 cps
89Y (KED)	92.826 %	0.8 %	184,846 cps
95Mo (KED)	0.053 ppb	17.1 %	587 cps
107Ag (KED)	0.000 ppb	275.5 %	57 cps
109Ag (KED)	0.000 ppb	63.2 %	69 cps
111Cd (KED)	0.000 ppb	304.2 %	2 cps
115In (KED)	92.451 %	1.1 %	338,887 cps
118Sn (KED)	-0.004 ppb	1,056.6 %	5,787 cps
123Sb (KED)	0.005 ppb	20.7 %	208 cps
125Te (KED)			0 cps
137Ba (KED)	-0.001 ppb	276.5 %	244 cps
159Tb (KED)	96.241 %	0.5 %	778,503 cps
205Tl (KED)	0.001 ppb	4.1 %	422 cps
206Pb (KED)	0.001 ppb	99.3 %	458 cps
207Pb (KED)	0.000 ppb	370.9 %	370 cps
208Pb (KED)	0.000 ppb	51.3 %	1,769 cps
209Bi (KED)	95.391 %	0.5 %	646,649 cps
232Th (KED)	0.010 ppb	16.9 %	7,626 cps
238U (KED)	0.000 ppb	14.8 %	277 cps

Metals Digestion Log for ICPMS

Prep Method		Matrix	
E200.8		Water	X
SW3010A	X	Soil	
SW3050A		TCLP	
		SPLP	

				Vol(mL)	Vol(mL)		ID
Date	11/29/2022	Reagent/Standard	ID	Soils	Waters	Digestion Tubes	JM3-14I5a
Time	7 39	HNO3	JM3-14E3c	4	0.5	Filters	N/A
Analyst	LL	HCL	NA	1	NA	Pipetter	M19,M20
Digestion Batch	4441	H2O2	NA	2	NA	Teflon Chips (Soil)	N/A
Digestion HBN	138707	Water Spike VAR-CAL	JM3-7C1	N/A	0.1	Balance (Soil)	N/A
Analysis Batch	2444	Water Spike 71A	JM3-14C1	N/A	0.1	Hot Block	J3AB
Analysis HBN	138993	Soil Spike	N/A	0.25	N/A	Thermometer	J3AB
Cap ID***	NA	Fortified Element Mix (FEM)	J3MS-3015	N/A	1.25	Timer	J3AB
Block Temperature	91						

Acceptance Criteria 90-95°C

Start Time (1): 7 39 Stop Time (1): 13 34

DOD Prep Batch	X

AEL Lab Code #	Bottle Letter**	Initial Amount (g,mL)	Final Vol (mL)	Digestion Comments	Analyst Comments Qualifiers	Filtered
4562354	NA	50	50	MB		N
4562355	NA	50	50	LCS		N
J2215557014	F	50	50			Y
J2215557015	F	50	50			Y
J2215557016	F	50	50			Y
J2215557017	F	50	50			Y
J2215557018	F	50	50			Y
J2215557019	F	50	50			Y
J2215557020	F	50	50			Y
J2215723002	F	50	50			Y
J2215723003	F	50	50			Y
J2215723004	F	50	50			Y
J2215723005	F	50	50			Y
J2215723006	F	50	50			Y
J2215723007	F	50	50			Y
J2215723008	F	50	50			Y
J2215723009	F	50	50			Y
J2215723010	F	50	50			Y
J2215723011	F	50	50			Y
J2215752002	F	50	50			Y
4562356	F	50	50	MS		Y
4562357	F	50	50	MSD		Y
J2215752003	F	50	50			Y
J2215752005	F	50	50			Y

* pH checked in log in

**A Dash indicates there is only one container and therefore has no letter designation

*** Metals Dept. Tracking System for locating boxed sample digestions.

DCN: MET-D062

f: 10/22/2018; Rev: 02/08/2022

Metals Digestion Log for ICPMS

Prep Method		Matrix	
E200.8		Water	X
SW3010A	X	Soil	
SW3050A		TCLP	
		SPLP	

				Vol(mL)	Vol(mL)		ID
						Digestion Tubes	JM3-14I5a
Date	12/1/2022	Reagent/Standard	ID	Soils	Waters	Filters	N/A
Time	7 16	HNO3	JM3-14E3c	4	0.5	Pipetter	M19,M20
Analyst	LL	HCL	NA	1	NA	Teflon Chips (Soil)	N/A
Digestion Batch	4449	H2O2	NA	2	NA	Balance (Soil)	N/A
Digestion HBN	138919	Water Spike VAR-CAL	JM3-7C1	N/A	0.1	Hot Block	J3AB
Analysis Batch	2458	Water Spike 71A	JM3-14C1	N/A	0.1	Thermometer	J3AB
Analysis HBN	139577	Soil Spike	N/A	0.25	N/A	Timer	J3AB
Cap ID***	NA	Fortified Element Mix (FEM)	J3MS-3015	N/A	1.25		
Block Temperature	90						

Acceptance Criteria 90-95°C

Start Time (1): 7 16 Stop Time (1): 13 20

DOD Prep Batch	X

AEL Lab Code #	Bottle Letter**	Initial Amount (g,mL)	Final Vol (mL)	Digestion Comments	Analyst Comments Qualifiers	Filtered
4563740	NA	50	50	MB		N
4563741	NA	50	50	LCS		N
J2215752006	F	50	50			Y
J2215752007	F	50	50			Y
4563742	F	50	50	MS		Y
4563743	F	50	50	MSD		Y
J2215752008	F	50	50			Y
J2215752009	F	50	50			Y
J2215752010	F	50	50			Y
J2215752011	F	50	50			Y
J2215752012	F	50	50			Y
J2215752014	F	50	50			Y
J2215752004	F	50	50			Y
J2216025022	C	50	50			Y
J2216034013	C	50	50			Y
J2216035014	C	50	50			Y
J2216039002	F	50	50			Y
J2216039003	F	50	50			Y
J2216039004	F	50	50			Y
J2216039005	F	50	50			Y
J2216039006	F	50	50			Y
J2216039007	F	50	50			Y
J2216039008	F	50	50			Y
J2216039009	F	50	50			Y

* pH checked in log in

**A Dash indicates there is only one container and therefore has no letter designation

*** Metals Dept. Tracking System for locating boxed sample digestions.

DCN: MET-D062

f: 10/22/2018; Rev: 02/08/2022

Last Page of Report

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Phone: (904)363-9350
Fax: (904)363-9354

Accreditation No.: 104509

Analytical Report for

Client: **Environmental Chemical Corporation (ECC)**

Project: Redstone RSA-143

Work Order: J2301357

Sampling Dates: 01/23-25/2023

Report to: 9300 W. Courthouse Rd
Suite 303
Manassas, VA 20110

ATTN: Pamela Foti

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Craig Myers 02/21/2023

Craig Myers - Client Services Manager
CMyers@AELLab.com

Experience
- *Florida Clean-up Programs (Petroleum, Dry Cleaners, Brownfields)*
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- *Local Courier Services*
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FINAL

Workorder: Redstone RSA-143 (J2301357)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
J2301357001	143-RSPZ2-GW-AEB3053-REG	WA	DoD SW-846 8260C	01/24/2023 15:50	01/26/2023 08:55	6	NA
J2301357001	143-RSPZ2-GW-AEB3053-REG	WA	DoD SW-846 8270D	01/24/2023 15:50	01/26/2023 08:55	5	NA
J2301357002	143-RSPZ3-GW-AEB3055-REG	WA	DoD SW-846 8260C	01/24/2023 14:45	01/26/2023 08:55	6	NA
J2301357002	143-RSPZ3-GW-AEB3055-REG	WA	DoD SW-846 8270D	01/24/2023 14:45	01/26/2023 08:55	5	NA
J2301357003	143-RSPZ5-GW-AEB3057-REG	WA	DoD SW-846 8260C	01/24/2023 13:30	01/26/2023 08:55	6	NA
J2301357003	143-RSPZ5-GW-AEB3057-REG	WA	DoD SW-846 8270D	01/24/2023 13:30	01/26/2023 08:55	5	NA
J2301357004	143-RSPZ2-GW-AEB3054-FD	WA	DoD SW-846 8260C	01/24/2023 15:50	01/26/2023 08:55	6	NA
J2301357004	143-RSPZ2-GW-AEB3054-FD	WA	DoD SW-846 8270D	01/24/2023 15:50	01/26/2023 08:55	5	NA
J2301357005	143-RSPZ4-GW-AEB3056-REG	WA	DoD SW-846 8260C	01/25/2023 10:15	01/26/2023 08:55	6	NA
J2301357005	143-RSPZ4-GW-AEB3056-REG	WA	DoD SW-846 8270D	01/25/2023 10:15	01/26/2023 08:55	5	NA
J2301357006	143-RSPZ1-GW-AEB3052-REG	WA	DoD SW-846 8260C	01/25/2023 11:33	01/26/2023 08:55	6	NA
J2301357006	143-RSPZ1-GW-AEB3052-REG	WA	DoD SW-846 8270D	01/25/2023 11:33	01/26/2023 08:55	5	NA
J2301357007	143-Site-WA-TB7004-TB	WA	DoD SW-846 8260C	01/24/2023 13:30	01/26/2023 08:55	6	NA
J2301357008	143-RSPZ5-SO-AEB3050-REG	SO	DOD SW-846 8270D SIM	01/23/2023 14:15	01/26/2023 08:55	2	Dry
J2301357008	143-RSPZ5-SO-AEB3050-REG	SO	DoD SW-846 8260C	01/23/2023 14:15	01/26/2023 08:55	2	Dry
J2301357008	143-RSPZ5-SO-AEB3050-REG	SO	SM 2540G	01/23/2023 14:15	01/26/2023 08:55	1	Dry
J2301357009	143-RSPZ5-SO-AEB3051-REG	SO	DOD SW-846 8270D SIM	01/23/2023 16:00	01/26/2023 08:55	2	Dry
J2301357009	143-RSPZ5-SO-AEB3051-REG	SO	DoD SW-846 8260C	01/23/2023 16:00	01/26/2023 08:55	2	Dry
J2301357009	143-RSPZ5-SO-AEB3051-REG	SO	SM 2540G	01/23/2023 16:00	01/26/2023 08:55	1	Dry
J2301357010	143-RSPZ3-SO-AEB3046-REG	SO	DOD SW-846 8270D SIM	01/24/2023 08:30	01/26/2023 08:55	2	Dry
J2301357010	143-RSPZ3-SO-AEB3046-REG	SO	DoD SW-846 8260C	01/24/2023 08:30	01/26/2023 08:55	2	Dry
J2301357010	143-RSPZ3-SO-AEB3046-REG	SO	SM 2540G	01/24/2023 08:30	01/26/2023 08:55	1	Dry
J2301357011	143-RSPZ3-SO-AEB3047-REG	SO	DOD SW-846 8270D SIM	01/24/2023 09:00	01/26/2023 08:55	2	Dry
J2301357011	143-RSPZ3-SO-AEB3047-REG	SO	DoD SW-846 8260C	01/24/2023 09:00	01/26/2023 08:55	2	Dry
J2301357011	143-RSPZ3-SO-AEB3047-REG	SO	SM 2540G	01/24/2023 09:00	01/26/2023 08:55	1	Dry
J2301357012	143-RSPZ2-SO-AEB3044-REG	SO	DOD SW-846 8270D SIM	01/24/2023 10:20	01/26/2023 08:55	2	Dry
J2301357012	143-RSPZ2-SO-AEB3044-REG	SO	DoD SW-846 8260C	01/24/2023 10:20	01/26/2023 08:55	2	Dry

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Payments: P.O. Box 551580 Jacksonville, FL 32255-1580
Phone: (904) 363-9350
Fax: (904) 363-9354

FINAL

Workorder: Redstone RSA-143 (J2301357)

Sample Summary

Lab ID	Sample ID	Matrix	Method	Date Collected	Date Received	Analytes Reported	Basis
J2301357012	143-RSPZ2-SO-AEB3044-REG	SO	SM 2540G	01/24/2023 10:20	01/26/2023 08:55	1	Dry
J2301357013	143-RSPZ2-SO-AEB3045-REG	SO	DOD SW-846 8270D SIM	01/24/2023 11:15	01/26/2023 08:55	2	Dry
J2301357013	143-RSPZ2-SO-AEB3045-REG	SO	DoD SW-846 8260C	01/24/2023 11:15	01/26/2023 08:55	2	Dry
J2301357013	143-RSPZ2-SO-AEB3045-REG	SO	SM 2540G	01/24/2023 11:15	01/26/2023 08:55	1	Dry
J2301357014	143-RSPZ4-SO-AEB3048-REG	SO	DOD SW-846 8270D SIM	01/24/2023 13:30	01/26/2023 08:55	2	Dry
J2301357014	143-RSPZ4-SO-AEB3048-REG	SO	DoD SW-846 8260C	01/24/2023 13:30	01/26/2023 08:55	2	Dry
J2301357014	143-RSPZ4-SO-AEB3048-REG	SO	SM 2540G	01/24/2023 13:30	01/26/2023 08:55	1	Dry
J2301357015	143-RSPZ4-SO-AEB3049-REG	SO	DOD SW-846 8270D SIM	01/24/2023 14:10	01/26/2023 08:55	2	Dry
J2301357015	143-RSPZ4-SO-AEB3049-REG	SO	DoD SW-846 8260C	01/24/2023 14:10	01/26/2023 08:55	2	Dry
J2301357015	143-RSPZ4-SO-AEB3049-REG	SO	SM 2540G	01/24/2023 14:10	01/26/2023 08:55	1	Dry
J2301357016	143-RSPZ1-SO-AEB3041-REG	SO	DOD SW-846 8270D SIM	01/24/2023 15:30	01/26/2023 08:55	2	Dry
J2301357016	143-RSPZ1-SO-AEB3041-REG	SO	DoD SW-846 8260C	01/24/2023 15:30	01/26/2023 08:55	2	Dry
J2301357016	143-RSPZ1-SO-AEB3041-REG	SO	SM 2540G	01/24/2023 15:30	01/26/2023 08:55	1	Dry
J2301357017	143-RSPZ1-SO-AEB3042-REG	SO	DOD SW-846 8270D SIM	01/25/2023 08:30	01/26/2023 08:55	2	Dry
J2301357017	143-RSPZ1-SO-AEB3042-REG	SO	DoD SW-846 8260C	01/25/2023 08:30	01/26/2023 08:55	2	Dry
J2301357017	143-RSPZ1-SO-AEB3042-REG	SO	SM 2540G	01/25/2023 08:30	01/26/2023 08:55	1	Dry
J2301357018	143-RSPZ1-SO-AEB3043-REG	SO	DOD SW-846 8270D SIM	01/25/2023 08:30	01/26/2023 08:55	2	Dry
J2301357018	143-RSPZ1-SO-AEB3043-REG	SO	DoD SW-846 8260C	01/25/2023 08:30	01/26/2023 08:55	2	Dry
J2301357018	143-RSPZ1-SO-AEB3043-REG	SO	SM 2540G	01/25/2023 08:30	01/26/2023 08:55	1	Dry

Certificate of Analysis
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POWERED BY HORIZON v.13.0.0

NELAP Accredited E82574

Advanced Environmental Laboratories, Inc.

Work Order: J2301357
Client: Environmental Chemical Corporation (ECC)
Project ID: Redstone RSA-143

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation: All holding times were met.

Analysis: All holding times were met.

III. Method

Analysis: DoD SW-846 8260C

Preparation: SW-846 5030B

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration: The Continuing Calibration Verification (CCV) standards were below the method acceptance of 80-120% for several target analytes. The samples were reanalyzed and confirmed results. As the analytes in question were not detected in the field samples, the results are deemed acceptable. The data were qualified accordingly.

Blanks: Method Blank 4646830 (MB) contained a low level of Methyl Acetate above the Method Detection Limit (MDL), but below the Quantitation Limit (PQL and/or LOQ). The associated samples did not contain the analyte in question above the Method Detection Limit (MDL); therefore, the presence of Methyl Acetate in the MB had no adverse effects on the data. The data is flagged accordingly.

Surrogates: All acceptance criteria were met.

Spikes The spike recoveries of several target analytes for the Laboratory Control Sample (LCS) were outside the lower control criterion. The error associated with the recovery equates to a low bias. The samples were reanalyzed and confirmed results. All batch samples were qualified accordingly.

Internal Standard:	All acceptance criteria were met.
Samples:	All acceptance criteria were met.
Other:	All acceptance criteria were met.
Serial Dilution:	All acceptance criteria were met.
Duplicates:	All acceptance criteria were met.

Advanced Environmental Laboratories, Inc.

Work Order: J2301357
Client: Environmental Chemical Corporation (ECC)
Project ID: Redstone RSA-143

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation: All holding times were met.

Analysis: All holding times were met.

III. Method

Analysis: DoD SW-846 8260C

Preparation: SW-846 5035

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration: All acceptance criteria were met.

Blanks: All acceptance criteria were met.

Surrogates: The upper control criterion was exceeded for the following surrogate in J2301357010, -011, -012, -013, -015, -017, -018: Bromofluorobenzene. Target analytes associated with the surrogate in question were not detected in the samples. The error associated with an elevated recovery equates to a high bias. The quality of the sample data is not significantly affected. The data were qualified accordingly.

Spikes

The spike recovery of Methylene Chloride for the Laboratory Control Sample Duplicate (LCSD) was outside the upper control criterion. The analyte in question was not detected in the associated client samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. The data were qualified accordingly. The relative percent difference (RPD) for several target analytes between the Laboratory Control Sample (LCS) and the Laboratory Control Sample Duplicate (LCSD) was outside control criteria due to relatively higher spike recovery in 4649801LCSD in comparison with 4649800LCS. Spike recoveries in the LCS and LCSD were within acceptable limits, indicating the analytical batch was in control. The data were qualified accordingly.

Internal Standard:	All acceptance criteria were met.
Samples:	All acceptance criteria were met.
Other:	All acceptance criteria were met.
Serial Dilution:	All acceptance criteria were met.
Duplicates:	All acceptance criteria were met.

Work Order: J2301357
Client: Environmental Chemical Corporation (ECC)
Project ID: Redstone RSA-143

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation:	All holding times were met.
Analysis:	All holding times were met.

III. Method

Analysis:	DoD SW-846 8270D
Preparation:	SW-846 3510C

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration:	All acceptance criteria were met.
Blanks:	All acceptance criteria were met.
Surrogates:	The control criteria for Phenol-d6 in J2301357002 are not applicable. As recorded in the extraction logbook, the samples formed emulsions in the solvent layer during the extraction. Such emulsions are known to negatively affect surrogate yields. The affected surrogates were qualified to indicate matrix interference.
Spikes	All acceptance criteria were met.
Internal Standard:	All acceptance criteria were met.
Samples:	All acceptance criteria were met.
Other:	All acceptance criteria were met.
Serial Dilution:	All acceptance criteria were met.
Duplicates:	All acceptance criteria were met.

Advanced Environmental Laboratories, Inc.

Work Order: J2301357
Client: Environmental Chemical Corporation (ECC)
Project ID: Redstone RSA-143

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation:	All holding times were met.
Analysis:	All holding times were met.

III. Method

Analysis:	SM 2540G
Preparation:	

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration:	All acceptance criteria were met.
Blanks:	All acceptance criteria were met.
Surrogates:	All acceptance criteria were met.
Spikes	All acceptance criteria were met.
Internal Standard:	All acceptance criteria were met.
Samples:	All acceptance criteria were met.
Other:	All acceptance criteria were met.
Serial Dilution:	All acceptance criteria were met.
Duplicates:	All acceptance criteria were met.

Advanced Environmental Laboratories, Inc.

Work Order: J2301357
Client: Environmental Chemical Corporation (ECC)
Project ID: Redstone RSA-143

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation: All holding times were met.

Analysis: All holding times were met.

III. Method

Analysis: DOD SW-846 8270D SIM

Preparation: SW-846 3550B

IV. Preparation

The Method Detection Limit (MDL) for all analytes for J2301357008 were elevated due to difficult sample matrix. Due to matrix interferences, the sample was concentrated to a 1.30mL final volume, instead of the typical 1.00mL final volume. As a result, the reported MDL is elevated on the final report.

V. Analysis

Calibration: All acceptance criteria were met.

Blanks: All acceptance criteria were met.

Surrogates: All acceptance criteria were met.

Spikes All acceptance criteria were met.

Internal Standard: All acceptance criteria were met.

Samples: The sample J2301357013 was diluted prior to instrumental analysis. The extract was highly colored and viscous which indicated the need to perform a dilution prior to injection into the instrument.

Other: All acceptance criteria were met.

Serial Dilution: All acceptance criteria were met.

Duplicates: All acceptance criteria were met.

Advanced Environmental Laboratories, Inc.

Work Order: J2301357
Client: Environmental Chemical Corporation (ECC)
Project ID: Redstone RSA-143

I. Receipt

No Exceptions were encountered.

II. Holding Times

Preparation: All holding times were met.

Analysis: All holding times were met.

III. Method

Analysis: DoD SW-846 8260C

Preparation: SW-846 5035

IV. Preparation

Sample preparation proceeded normally.

V. Analysis

Calibration: The Continuing Calibration Verification (CCV) standards were below the method acceptance of 80-120% for Dichlorodifluoromethane. The samples were reanalyzed and confirmed results. As the analytes in question were not detected in the field samples, the results are deemed acceptable. The data were qualified accordingly. The upper control criterion was exceeded for Methylene Chloride in Continuing Calibration Verification (CCV) standards for analytical batch 5859, indicating increased sensitivity. The client samples reported in this batch did not contain the analytes in question. Since the apparent problem equates to a potential high bias, the data quality is not affected. The data were qualified accordingly.

Blanks: All acceptance criteria were met.

Surrogates: The upper control criterion was exceeded for the following surrogate in J2301357008, -009, and -016: Bromofluorobenzene. Target analytes associated with the surrogate in question were not detected in the samples. The error associated with an elevated recovery equates to a high bias. The quality of the sample data is not significantly affected. The data were qualified accordingly.

Spikes

	The matrix spike duplicate recoveries of Methyl tert-butyl Ether (MTBE) and Benzene for J2301357016 were outside control criteria. Recoveries in the Laboratory Control Sample (LCS) and Matrix Spike (MS) were acceptable, which indicates the analytical batch was in control. The matrix spike duplicate outlier suggests a potential low bias in this matrix. The data were qualified accordingly. The relative percent difference (RPD) for the following analyte in the replicate matrix spike analyses of J2301357016 was outside control criteria: Benzene. Failing RPD indicates inconsistency in the parent sample matrix. All spike recoveries in the MS and associated LCS were within acceptable limits, indicating the analytical batch was in control. The data were qualified accordingly.
Internal Standard:	All acceptance criteria were met.
Samples:	All acceptance criteria were met.
Other:	All acceptance criteria were met.
Serial Dilution:	All acceptance criteria were met.
Duplicates:	All acceptance criteria were met.

Advanced Environmental Laboratories, Inc.

6681 Southpoint Parkway
Jacksonville, FL 32216
(904) 363-9350
FAX (904) 363-9554

DoD ANALYTICAL RESULTS QUALIFIERS

PARAMETER QUALIFIERS

U	Analyte was not detected and is reported as less than the Detection Limit (DL). The DL has been adjusted for any dilution or concentration of the sample.
B	Indicates that the analyte was detected in the method blank. The recorded result is associated with a contaminated blank.
NJ	Non-target analyte. The analyte is a tentatively identified compound (TIC) using mass spectrometry.
J	The analyte is an estimated value. The reported value is below the Limits of Quantitation (LOQ), but above the DL. Also, an acceptance criterion is not met (e.g., MS/MSD recovery or dual column confirmation was outside 40% RPD).
Q	One or more of the quality control criteria failed (e.g., LCS recovery, surrogate spike recovery, Internal Standard or CCV recovery).
H	Sample held beyond the accepted holding time. This code shall be used if the value is derived from a sample that was prepared or analyzed after the approved holding time restrictions for sample preparation or analysis.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.
E	Indicates that the analyte concentration exceeded the instrument calibration range. The result for the analyte is estimated.
*	Indicates one of the sample quality control critiera failed.

Sample Tracking

Advanced Environmental Laboratories, Inc.

☐ **Altamonte Springs:** 380 Northlake Blvd., Ste. 1048, FL 32701 • 407.937.1594 • Lab ID: E53076
☐ **Fort Myers:** 13100 Westlinks Terrace, Ste. 10, FL 33913 • 239.674.8130 • Lab ID: E84492
☑ **Jacksonville:** 6681 Southpoint Pkwy., FL 32216 • 904.363.9350 • Lab ID: E82574
☐ **Tallahassee:** 2639 North Monroe St., Suite D, FL 32303 • 850.219.6274 • Lab ID: E811095
☐ **Gainesville:** 4965 SW 41st Blvd., FL 32608 • 352.377.2349 • Lab ID: E82001
☐ **Miramar:**
☐ **Tampa:**

Client Name:	ECC	Project Name:	Redstone RSA-143
Address:	9300 W. Courthouse Rd, Suite 303	Project Number:	
	Manassas, VA 20110	PO Number:	5211.020
Phone:	865-288-0357	FDEP Facility No:	
FAX:		FDEP Facility Addr:	
Contact:	Pamela Foti		
Sampled By:	Pierce Layte	Special Instructions:	
Turn Around Time:	Standard Rush		
AEL Profile #:	64358, Line item #17	ADaPT EQuIS Other	X

* J 2 3 0 1 3 5 7 *

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	BOTTLE SIZE & TYPE	40 mL Vials	1L Amber								LABORATORY I.D. NUMBER
							ANALYSIS REQUIRED	8260 VOCs	8270 SVOCs								
							Preservation	HCL	Ice								
							Field-Filtered?										
22	143-RSP22-GW-AEB3053 Rins	Grab	1/24/23	1550	GW	5	KG 1-26-23	X	X								001
23	143-RSP23-GW-AEB3055 Rins	Grab	1/24/23	1445	GW	5		X	X								002
25	143-RSP25-GW-AEB-3057 Rins	Grab	1/24/23	1330	GW	5		X	X								003
22	143-RSP22-GW-AEB3054 FD	Grab	1/24/23	1550	GW	5		X	X								004
24	143-RSP24-GW-AEB3056 Rins	Grab	1/25/23	1015	GW	5		X	X								005
24	143-RSP24-GW-AEB3056 MS	Grab	1/25/23	1015	GW	5		X	X								
24	143-RSP24-GW-AEB3056 MSD	Grab	1/25/23	1015	GW	5		X	X								
21	143-RSP21-GW-AEB3052 Rins	Grab	1/25/23	1133	GW	5		X	X								006
TB	143-Site-WA-TB2004-TD	Grab	1/24/23	1330	GW	5		X	X								007

Matrix Code: **WW** = wastewater **SW** = surface water **GW** = ground water **DW** = drinking water **O** = oil **A** = air **SO** = soil **SL** = sludge

Preservation Code: I = ice H=(HCl) S = (H_2SO_4) N = (HNO_3) T = (Sodium Thiosulfate)

Received on Ice ☑ Yes ☐ No ☑ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked Temp. when received (observed) 2.0 °C Temp. when received (corrected) 2.0 °C

DCN: AD-D051web Form last revised 08/07/2019

Device used for measuring Temp by unique identifier (circle IR temp gun used) (J: 9A) G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A

	Relinquished by:	Date	Time	Received by:	Date	Time
1		1/25/23	1730	Fedex		
2	Fedex	1-26-23	855		1-26-23	855
3						
4						

FOR DRINKING WATER USE:

(When PWS Information not otherwise supplied) PWS ID: _____

Contact Person: _____

Supplier of Water: _____

Site-Address: _____

Advanced Environmental Laboratories, Inc.

☐ **Altamonte Springs:** 380 Northlake Blvd., Ste. 1048, FL 32701 • 407.937.1594 • Lab ID: E53076
☐ **Fort Myers:** 13100 Westlinks Terrace, Ste. 10, FL 33913 • 239.674.8130 • Lab ID: E84492
☑ **Jacksonville:** 6681 Southpoint Pkwy., FL 32216 • 904.363.9350 • Lab ID: E82574
☐ **Tallahassee:** 2639 North Monroe St., Suite D, FL 32303 • 850.219.6274 • Lab ID: E811095
☐ **Gaines**
☐ **Miram**
☐ **Tampa**

Page ___ of ___

J2301357

Client Name:	ECC	Project Name:	Redstone RSA-143
Address:	9300 W. Courthouse Rd, Suite 303	Project Number:	
	Manassas, VA 20110	PO Number:	5211.020
Phone:	865-288-0357	FDEP Facility No:	
FAX:		FDEP Facility Addr:	
Contact:	Pamela Foti		
Sampled By:	Jason H.	Special Instructions:	
Turn Around Time:	Standard Rush		
AEL Profile #:	64358, Line item #18	ADaPT EQuIS Other X	

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	BOTTLE SIZE & TYPE	40 mL Vials	8 oz Jar							LABORATORY I.D. NUMBER
							ANALYSIS REQUIRED	8260 VOCs	8270 SIM PAHs							
							Preservation	MeOH/DI	Ice							
							Field-Filtered?									
	143-RSPZ5-SO-AEB3050-Reg	G	01-23	1415	SO	5		X	X							008
	143-RSPZ5-SO-AEB3051-Reg	G	01-23	1600	SO	5		X	X							009
	143-RSPZ3-SO-AEB3046-Reg	G	1/24	0830	SO	5		X	X							010
	143-RSPZ3-SO-AEB3047-Reg	G	1/24	0900	SO	5		X	X							011
	143-RSPZ2-SO-AEB3044	G	1/24	1020	SO	5		X	X							012
	143-RSPZ2-SO-AEB-3045-REG	G	1/24	1115	SO	5		X	X							013
	143-RSPZ4-SO-AEB3048-REG	G	1/24	1330	SO	5		X	X							014
	143-RSPZ4-SO-AEB3049-REG	G	1/24	1410	SO	5		X	X							015
	143-RSPZ1-SO-AEB3041-REG	G	1/24	1530	SO	6		X	X							016
	143-RSPZ1-SO-AEB3041-MS	G	1/24	1530	SO	6		X	X							—

Matrix Code: **WW** = wastewater **SW** = surface water **GW** = ground water **DW** = drinking water **O** = oil **A** = air **SO** = soil **SL** = sludge **Preservation Code:** I = ice H=(HCl) S = (H_2SO_4) N = (HNO_3) T = (Sodium Thiosulfate)

Received on Ice ☑Yes ☐No ☑Temp taken from sample ☐Temp from blank ☐ Where required, pH checked Temp. when received (observed) 2.8 °C Temp. when received (corrected) 1.8 °C

DCN: AD-D051web Form last revised: 08/07/2019 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A

	Relinquished by:	Date	Time	Received by:	Date	Time
1		01-25	1700	FedEx		
2	FedEx	1-26-20	855	2nd	1-26-20	855
3						
4						

FOR DRINKING WATER USE:
(When PWS Information not otherwise supplied) PWS ID: _____
Contact Person: _____
Supplier of Water: _____
Site-Address: _____

Advanced Environmental Laboratories, Inc.

☐ **Altamonte Springs:** 380 Northlake Blvd., Ste. 1048, FL 32701 • 407.937.1594 • Lab ID: E53076
☐ **Fort Myers:** 13100 Westlinks Terrace, Ste. 10, FL 33913 • 239.674.8130 • Lab ID: E84492
☑ **Jacksonville:** 6681 Southpoint Pkwy., FL 32216 • 904.363.9350 • Lab ID: E82574
☐ **Tallahassee:** 2639 North Monroe St., Suite D, FL 32303 • 850.219.6274 • Lab ID: E811095
☐ **Gainesville:** 4965 SW 41st Blvd., FL 32608 • 352.377.2349 • Lab ID: E82001
☐ **Miramar:** 10200 USA Today Way, FL 33025 • 954.889.2288 • Lab ID: E82535
☐ **Tampa:** 9610 Princess Palm Ave., FL 33619 • 813.630.9616 • Lab ID: E84589

J2301357

Client Name:	ECC
Address:	9300 W. Courthouse Rd, Suite 303
	Manassas, VA 20110
Phone:	865-288-0357
FAX:	
Contact:	Pamela Foti
Sampled By:	Jason H.
Turn Around Time:	Standard Rush
AEL Profile #:	64358, Line item #18
Project Name:	Redstone RSA-143
Project Number:	
PO Number:	5211.020
FDEP Facility No:	
FDEP Facility Addr:	
Special Instructions:	
ADaPT	EQuIS Other X

SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. COUNT	BOTTLE SIZE & TYPE	ANALYSIS REQUIRED: 8260 VOCs (40 mL Vials)	ANALYSIS REQUIRED: 8270 SIM PAHs (8 oz Jar)	LABORATORY I.D. NUMBER
							Preservation	MeOH/DI	Ice	
							Field-Filtered?			
	143-RSPZ1-SO-AEB3041-MSD	G	01/24	1530	SO	5		X	X	1
	143-RSPZ-1-SO-AEB3042-REG	G	01/25	0830	SO	5		X	X	017
	143-RSPZ-1-SO-AEB3043-REG	G	01/25	0830	SO	5		X	X	018

Matrix Code: **WW** = wastewater **SW** = surface water **GW** = ground water **DW** = drinking water **O** = oil **A** = air **SO** = soil **SL** = sludge

Preservation Code: I = ice H=(HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

Received on Ice ☑ Yes ☐ No ☒ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked Temp. when received (observed) 2.8 °C Temp. when received (corrected) 1.8 °C

DCN: AD-D051web Form last revised 08/07/2019 Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V F: 1A

	Relinquished by:	Date	Time	Received by:	Date	Time
1		01-25	1700	FedEx		
2	FedEx	1-26-23	855	JEL	1-26-23	855
3						
4						

FOR DRINKING WATER USE:

(When PWS Information not otherwise supplied) PWS ID: _____

Contact Person: _____

Supplier of Water: _____

Site-Address: _____

Advanced Environmental Labs Inc

Client: ECC Project name: Redstone RSA-143

Date/Time Rcvd: 1-26-23 Log-In request number: J2301357

Received by: KC Completed by: KC

Cooler/Shipping Information:

Courier: ☐ AEL ☐ Client ☐ UPS ☐ Blue Streak ☑ FedEx ☐ AES ☐ ASAP ☐ Other (describe): _____

Type: ☑ Cooler ☐ Box ☐ Other (describe) _____

Cooler temperature: Identify the cooler and document the temperature blank or ice water measurement

Cooler ID	1	2			
Temp (°C)	1.8	1.0			
Temp taken from	☑ Sample Bottle ☐ Cooler	☑ Sample Bottle ☐ Cooler	☐ Sample Bottle ☐ Cooler	☐ Sample Bottle ☐ Cooler	☐ Sample Bottle ☐ Cooler
Temp measured with	☐ IR gun S/N 9333779 ☑ Thermometer (enter ID): CA	☐ IR gun S/N 9333779 ☑ Thermometer (enter ID): 94	☐ IR gun S/N 9333779 ☐ Thermometer (enter ID):	☐ IR gun S/N 9333779 ☐ Thermometer (enter ID):	☐ IR gun S/N 9333779 ☐ Thermometer (enter ID):

Other Information:

Any discrepancies should be explained in the "Comments" section below.

CHECKLIST	YES	NO	NA
1. Were custody seals on shipping container(s) intact?	✓		
2. Were custody papers properly included with samples?	✓		
3. Were custody papers properly filled out (ink, signed, match labels)?	✓		
4. Did all bottles arrive in good condition (unbroken)?	✓		
5. Were all bottle labels complete (sample #, date, signed, analysis, preservatives)?	✓		
6. Did the sample labels agree with the chain of custody?	✓		
7. Were correct bottles used for the tests indicated?	✓		
8. Were proper sample preservation techniques indicated on the label?	✓		
9. Were samples received within holding times?	✓		
10. Were all VOA vials free of the presence of air bubbles?	✓		✓ (5)
11. Have all Soil VOA Vials and Encores been placed in a freezer within 48 hours of collection?	✓		
12. Were samples in direct contact with wet ice? If "No," check one: ☐ NO ICE ☐ BLUE ICE	✓		
13. Was the cooler temperature less than 6°C?	✓		
14. Where pH preservation is required, are sample pHs checked and any anomalies recorded by Sample control? Are all <2 or >10? Note: VOA samples are checked by laboratory analysts.			✓
15. Was sufficient sample volume provided to perform all tests?	✓		
16. If for Bacteriological testing, were containers supplied by AEL? (See QA officer if answer is no)			✓
17. Were all sample containers provided by AEL? (Other than Bacteriological)	✓		
18. Were samples accepted into the laboratory?	✓		
19. When necessary to split samples into other bottles, is it noted in the comments?		✓	
20. Where Encores received and if so, how many?		✓	

Comments: (Note all sample(s) and container (s)" with a "No" checklist response in this comment section)

DCN: AD-D048
Eff date 2/3/10, Last rev 2/3/21

Final Deliverable Summary Report

Volatiles Organics Liquids Section

Result Summary Reports

Advanced Environmental Laboratories, Inc.

Volatile Analysis Results

FORM 1

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357001**		**Client ID:**	**143-RSPZ2-GW-AEB3053-REG**
			File ID:	**230130N015.qgd**
Date Collected:	**1/24/2023**	**15:50**		
Date Analyzed:	**1/30/2023**	**12:13**	**Matrix:**	**WATER**
Date Prepared:	**1/30/2023**	**07:00**	**Instrument ID:**	**J1N**
Dilution:	**1**		**Analytical Run ID:**	**230130N-8260-DOD-1**
Sample Wt/Vol:	**5.00**	**mL**	**% Moisture:**	**100**
Final Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5852**
Prep Method:	**SW-846 5030B**		**Lims Analytical Batch:**	**5853**

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1,2-Dichloroethane	107-06-2	**0.50**	U	0.25	0.50	1.0	ug/L
Benzene	71-43-2	**0.50**	U	0.25	0.50	1.0	ug/L
Ethylbenzene	100-41-4	**0.50**	U	0.25	0.50	1.0	ug/L
Methyl tert-butyl Ether (MTBE)	1634-04-4	**0.50**	U	0.25	0.50	1.0	ug/L
Methylene Chloride	75-09-2	**2.5**	U	1.2	2.5	5.0	ug/L
Trichloroethene	79-01-6	**0.50**	U	0.25	0.50	1.0	ug/L

** This analyte is reported as not certified. The LOQ listed on the report is the low point of the calibration curve. The MDL and LOD values are set to the LOQ at this time.

Advanced Environmental Laboratories, Inc.

Volatile Analysis Results

FORM 1

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357002**		**Client ID:**	**143-RSPZ3-GW-AEB3055-REG**
			File ID:	**230130N016.qgd**
Date Collected:	**1/24/2023**	**14:45**		
Date Analyzed:	**1/30/2023**	**12:37**	**Matrix:**	**WATER**
Date Prepared:	**1/30/2023**	**07:00**	**Instrument ID:**	**J1N**
Dilution:	**1**		**Analytical Run ID:**	**230130N-8260-DOD-1**
Sample Wt/Vol:	**5.00**	**mL**	**% Moisture:**	**100**
Final Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5852**
Prep Method:	**SW-846 5030B**		**Lims Analytical Batch:**	**5853**

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1,2-Dichloroethane	107-06-2	**0.50**	U	0.25	0.50	1.0	ug/L
Benzene	71-43-2	**3.0**		0.25	0.50	1.0	ug/L
Ethylbenzene	100-41-4	**47**		0.25	0.50	1.0	ug/L
Methyl tert-butyl Ether (MTBE)	1634-04-4	**0.50**	U	0.25	0.50	1.0	ug/L
Methylene Chloride	75-09-2	**2.5**	U	1.2	2.5	5.0	ug/L
Trichloroethene	79-01-6	**0.50**	U	0.25	0.50	1.0	ug/L

** This analyte is reported as not certified. The LOQ listed on the report is the low point of the calibration curve. The MDL and LOD values are set to the LOQ at this time.

Advanced Environmental Laboratories, Inc.

Volatile Analysis Results

FORM 1

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357003**		**Client ID:**	**143-RSPZ5-GW-AEB3057-REG**
			File ID:	**230130N017.qgd**
Date Collected:	**1/24/2023**	**13:30**		
Date Analyzed:	**1/30/2023**	**13:02**	**Matrix:**	**WATER**
Date Prepared:	**1/30/2023**	**07:00**	**Instrument ID:**	**J1N**
Dilution:	**1**		**Analytical Run ID:**	**230130N-8260-DOD-1**
Sample Wt/Vol:	**5.00**	**mL**	**% Moisture:**	**100**
Final Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5852**
Prep Method:	**SW-846 5030B**		**Lims Analytical Batch:**	**5853**

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1,2-Dichloroethane	107-06-2	**0.50**	U	0.25	0.50	1.0	ug/L
Benzene	71-43-2	**11**		0.25	0.50	1.0	ug/L
Ethylbenzene	100-41-4	**0.50**	U	0.25	0.50	1.0	ug/L
Methyl tert-butyl Ether (MTBE)	1634-04-4	**0.50**	U	0.25	0.50	1.0	ug/L
Methylene Chloride	75-09-2	**2.5**	U	1.2	2.5	5.0	ug/L
Trichloroethene	79-01-6	**0.50**	U	0.25	0.50	1.0	ug/L

** This analyte is reported as not certified. The LOQ listed on the report is the low point of the calibration curve. The MDL and LOD values are set to the LOQ at this time.

Volatile Analysis Results

FORM 1

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357004**		**Client ID:**	**143-RSPZ2-GW-AEB3054-FD**
			File ID:	**230130N018.qgd**
Date Collected:	**1/24/2023**	**15:50**		
Date Analyzed:	**1/30/2023**	**13:26**	**Matrix:**	**WATER**
Date Prepared:	**1/30/2023**	**07:00**	**Instrument ID:**	**J1N**
Dilution:	**1**		**Analytical Run ID:**	**230130N-8260-DOD-1**
Sample Wt/Vol:	**5.00**	**mL**	**% Moisture:**	**100**
Final Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5852**
Prep Method:	**SW-846 5030B**		**Lims Analytical Batch:**	**5853**

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1,2-Dichloroethane	107-06-2	**0.50**	U	0.25	0.50	1.0	ug/L
Benzene	71-43-2	**0.50**	U	0.25	0.50	1.0	ug/L
Ethylbenzene	100-41-4	**0.50**	U	0.25	0.50	1.0	ug/L
Methyl tert-butyl Ether (MTBE)	1634-04-4	**0.50**	U	0.25	0.50	1.0	ug/L
Methylene Chloride	75-09-2	**2.5**	U	1.2	2.5	5.0	ug/L
Trichloroethene	79-01-6	**0.50**	U	0.25	0.50	1.0	ug/L

** This analyte is reported as not certified. The LOQ listed on the report is the low point of the calibration curve. The MDL and LOD values are set to the LOQ at this time.

Advanced Environmental Laboratories, Inc.

Volatile Analysis Results

FORM 1

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357005**		**Client ID:**	**143-RSPZ4-GW-AEB3056-REG**
			File ID:	**230130N019.qgd**
Date Collected:	**1/25/2023**	**10:15**		
Date Analyzed:	**1/30/2023**	**13:50**	**Matrix:**	**WATER**
Date Prepared:	**1/30/2023**	**07:00**	**Instrument ID:**	**J1N**
Dilution:	**1**		**Analytical Run ID:**	**230130N-8260-DOD-1**
Sample Wt/Vol:	**5.00**	**mL**	**% Moisture:**	**100**
Final Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5852**
Prep Method:	**SW-846 5030B**		**Lims Analytical Batch:**	**5853**

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1,2-Dichloroethane	107-06-2	**0.50**	U	0.25	0.50	1.0	ug/L
Benzene	71-43-2	**0.50**	U	0.25	0.50	1.0	ug/L
Ethylbenzene	100-41-4	**0.50**	U	0.25	0.50	1.0	ug/L
Methyl tert-butyl Ether (MTBE)	1634-04-4	**0.50**	U	0.25	0.50	1.0	ug/L
Methylene Chloride	75-09-2	**2.5**	U	1.2	2.5	5.0	ug/L
Trichloroethene	79-01-6	**0.50**	U	0.25	0.50	1.0	ug/L

** This analyte is reported as not certified. The LOQ listed on the report is the low point of the calibration curve. The MDL and LOD values are set to the LOQ at this time.

Advanced Environmental Laboratories, Inc.

Volatile Analysis Results

FORM 1

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357006**		**Client ID:**	**143-RSPZ1-GW-AEB3052-REG**
			File ID:	**230130N020.qgd**
Date Collected:	**1/25/2023**	**11:33**		
Date Analyzed:	**1/30/2023**	**14:14**	**Matrix:**	**WATER**
Date Prepared:	**1/30/2023**	**07:00**	**Instrument ID:**	**J1N**
Dilution:	**1**		**Analytical Run ID:**	**230130N-8260-DOD-1**
Sample Wt/Vol:	**5.00**	**mL**	**% Moisture:**	**100**
Final Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5852**
Prep Method:	**SW-846 5030B**		**Lims Analytical Batch:**	**5853**

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1,2-Dichloroethane	107-06-2	**0.50**	U	0.25	0.50	1.0	ug/L
Benzene	71-43-2	**0.50**	U	0.25	0.50	1.0	ug/L
Ethylbenzene	100-41-4	**0.50**	U	0.25	0.50	1.0	ug/L
Methyl tert-butyl Ether (MTBE)	1634-04-4	**0.32**	J	0.25	0.50	1.0	ug/L
Methylene Chloride	75-09-2	**2.5**	U	1.2	2.5	5.0	ug/L
Trichloroethene	79-01-6	**0.50**	U	0.25	0.50	1.0	ug/L

** This analyte is reported as not certified. The LOQ listed on the report is the low point of the calibration curve. The MDL and LOD values are set to the LOQ at this time.

Advanced Environmental Laboratories, Inc.

Volatile Analysis Results

FORM 1

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357007**		**Client ID:**	**143-Site-WA-TB7004-TB**
			File ID:	**230130N014.qgd**
Date Collected:	**1/24/2023**	**13:30**		
Date Analyzed:	**1/30/2023**	**11:49**	**Matrix:**	**WATER**
Date Prepared:	**1/30/2023**	**07:00**	**Instrument ID:**	**J1N**
Dilution:	**1**		**Analytical Run ID:**	**230130N-8260-DOD-1**
Sample Wt/Vol:	**5.00**	**mL**	**% Moisture:**	**100**
Final Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5852**
Prep Method:	**SW-846 5030B**		**Lims Analytical Batch:**	**5853**

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1,2-Dichloroethane	107-06-2	**0.50**	U	0.25	0.50	1.0	ug/L
Benzene	71-43-2	**0.50**	U	0.25	0.50	1.0	ug/L
Ethylbenzene	100-41-4	**0.50**	U	0.25	0.50	1.0	ug/L
Methyl tert-butyl Ether (MTBE)	1634-04-4	**0.50**	U	0.25	0.50	1.0	ug/L
Methylene Chloride	75-09-2	**2.5**	U	1.2	2.5	5.0	ug/L
Trichloroethene	79-01-6	**0.50**	U	0.25	0.50	1.0	ug/L

** This analyte is reported as not certified. The LOQ listed on the report is the low point of the calibration curve. The MDL and LOD values are set to the LOQ at this time.

Volatile Analysis Results

FORM 1

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**4646830**		**Client ID:**	**MB for HBN 152291 [MSVj/5852]**	
Date Collected:			**File ID:**	**230130N002.qgd**	
Date Analyzed:	**1/30/2023**	**07:00**	**Matrix:**	**WATER**	
Date Prepared:	**1/30/2023**	**07:00**	**Instrument ID:**	**J1N**	
Dilution:	**1**		**Analytical Run ID:**	**230130N-8260-DOD-1**	
Sample Wt/Vol:	**5.00**	**mL**	**% Moisture:**	**100**	
Final Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5852**	
Prep Method:	**SW-846 5030B**		**Lims Analytical Batch:**	**5853**	

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1,2-Dichloroethane	107-06-2	**0.500**	U	0.250	0.500	1.00	ug/L
Benzene	71-43-2	**0.500**	U	0.250	0.500	1.00	ug/L
Ethylbenzene	100-41-4	**0.500**	U	0.250	0.500	1.00	ug/L
Methyl tert-butyl Ether (MTBE)	1634-04-4	**0.500**	U	0.250	0.500	1.00	ug/L
Methylene Chloride	75-09-2	**2.50**	U	1.25	2.50	5.00	ug/L
Trichloroethene	79-01-6	**0.500**	U	0.250	0.500	1.00	ug/L

** This analyte is reported as not certified. The LOQ listed on the report is the low point of the calibration curve. The MDL and LOD values are set to the LOQ at this time.

QC Summary Reports

Advanced Environmental Laboratories, Inc.

VOLATILE ORGANICS
SURROGATE PERCENT RECOVERY SUMMARY
FORM 2A

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Lab Sample ID	Client Sample ID	Matrix	Parameter	Dil	Rec	Q	Limits
4646830	MB for HBN 152291 [MSVi/58521	WATER	1,2-Dichloroethane-d4	1	102		81 - 118
		WATER	Toluene-d8	1	99.4		89 - 112
		WATER	Bromofluorobenzene	1	106		85 - 114
4646831	LCS for HBN 152291 [MSVi/58521	WATER	1,2-Dichloroethane-d4	1	99.4		81 - 118
		WATER	Toluene-d8	1	102		89 - 112
		WATER	Bromofluorobenzene	1	105		85 - 114
J2301357007	143-Site-WA-TB7004-TB	WATER	1,2-Dichloroethane-d4	1	108		81 - 118
		WATER	Toluene-d8	1	101		89 - 112
		WATER	Bromofluorobenzene	1	109		85 - 114
J2301357001	143-RSPZ2-GW-AEB3053-REG	WATER	1,2-Dichloroethane-d4	1	107		81 - 118
		WATER	Toluene-d8	1	99.9		89 - 112
		WATER	Bromofluorobenzene	1	108		85 - 114
J2301357002	143-RSPZ3-GW-AEB3055-REG	WATER	1,2-Dichloroethane-d4	1	104		81 - 118
		WATER	Toluene-d8	1	102		89 - 112
		WATER	Bromofluorobenzene	1	107		85 - 114
J2301357003	143-RSPZ5-GW-AEB3057-REG	WATER	1,2-Dichloroethane-d4	1	101		81 - 118
		WATER	Toluene-d8	1	102		89 - 112
		WATER	Bromofluorobenzene	1	107		85 - 114
J2301357004	143-RSPZ2-GW-AEB3054-FD	WATER	1,2-Dichloroethane-d4	1	102		81 - 118
		WATER	Toluene-d8	1	103		89 - 112
		WATER	Bromofluorobenzene	1	109		85 - 114
J2301357005	143-RSPZ4-GW-AEB3056-REG	WATER	1,2-Dichloroethane-d4	1	106		81 - 118
		WATER	Toluene-d8	1	101		89 - 112
		WATER	Bromofluorobenzene	1	110		85 - 114
J2301357006	143-RSPZ1-GW-AEB3052-REG	WATER	1,2-Dichloroethane-d4	1	105		81 - 118
		WATER	Toluene-d8	1	103		89 - 112
		WATER	Bromofluorobenzene	1	110		85 - 114
4646832	143-RSPZ4-GW-AEB3056-REGMS	WATER	1,2-Dichloroethane-d4	1	106		81 - 118
		WATER	Toluene-d8	1	101		89 - 112
		WATER	Bromofluorobenzene	1	104		85 - 114
4646833	143-RSPZ4-GW-AEB3056-REGMS	WATER	1,2-Dichloroethane-d4	1	104		81 - 118
		WATER	Toluene-d8	1	101		89 - 112
		WATER	Bromofluorobenzene	1	102		85 - 114

Advanced Environmental Laboratories, Inc.

VOLATILE ORGANICS

INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

FORM 2B

SDG No.: J2301357
Client: Environmental Chemical Corporation (ECC)

Date Analyzed: **11/22/2022 21:14** **Instrument ID:** **J1N**
Lab File ID: **221122N024.qgd**

	IS1 AREA #	RT#	IS2 AREA #	RT #	IS3 AREA #	RT #
ICV STD	554632	4.807	568845	7.217	432358	9.443
UPPER LIMIT	1109264	4.857	1137690	7.267	864716	9.493
LOWER LIMIT	277316	4.757	284423	7.167	216179	9.393
LAB SAMPLE ID						

IS1 = 1,4-Difluorobenzene (IS)
IS2 = Chlorobenzene-d5 (IS)
IS3 = 1,4-Dichlorobenzene-d4 (IS)

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.05 minutes of internal standard RT
RT LOWER LIMIT = -0.05 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Advanced Environmental Laboratories, Inc.

VOLATILE ORGANICS

INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

FORM 2B

SDG No.: J2301357
Client: Environmental Chemical Corporation (ECC)

Date Analyzed: **1/30/2023 07:24** **Instrument ID:** **J1N**
Lab File ID: **230130N003.qgd**

	IS1 AREA #	RT#	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	557472	4.806	559223	7.214	416401	9.440
UPPER LIMIT	1114944	4.856	1118446	7.264	832802	9.490
LOWER LIMIT	278736	4.756	279612	7.164	208201	9.390
LAB SAMPLE ID						
MB for HBN 152291 [MSVi/5852]	524625	4.808	528155	7.216	377185	9.439
LCS for HBN 152291 [MSVi/5852]	557472	4.806	559223	7.214	416401	9.440
143-Site-WA-TB7004-TB	507064	4.806	499545	7.215	353134	9.439
143-RSPZ2-GW-AEB3053-REG	521565	4.806	523949	7.217	371241	9.440
143-RSPZ3-GW-AEB3055-REG	528846	4.807	527874	7.216	389747	9.441
143-RSPZ5-GW-AEB3057-REG	550391	4.808	537319	7.218	385936	9.443
143-RSPZ2-GW-AEB3054-FD	532722	4.809	522905	7.219	375676	9.443
143-RSPZ4-GW-AEB3056-REG	505388	4.811	510308	7.220	356391	9.444
143-RSPZ1-GW-AEB3052-REG	515745	4.810	506004	7.220	357124	9.444
143-RSPZ4-GW-AEB...(4642152MS)	514270	4.810	524476	7.220	398231	9.444
143-RSPZ4-GW-AE...(4642152MSD)	518684	4.810	520521	7.219	392837	9.443

IS1 = 1,4-Difluorobenzene (IS)
IS2 = Chlorobenzene-d5 (IS)
IS3 = 1,4-Dichlorobenzene-d4 (IS)

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.05 minutes of internal standard RT
RT LOWER LIMIT = -0.05 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Advanced Environmental Laboratories, Inc.

VOLATILE ORGANICS

INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

FORM 2B

SDG No.: J2301357
Client: Environmental Chemical Corporation (ECC)

Date Analyzed: **1/30/2023 17:03** **Instrument ID:** **J1N**
Lab File ID: **230130N027.qgd**

	IS1 AREA #	RT#	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	514107	4.809	509418	7.219	389638	9.442
UPPER LIMIT	1028214	4.859	1018836	7.269	779276	9.492
LOWER LIMIT	257054	4.759	254709	7.169	194819	9.392
LAB SAMPLE ID						

IS1 = 1,4-Difluorobenzene (IS)
IS2 = Chlorobenzene-d5 (IS)
IS3 = 1,4-Dichlorobenzene-d4 (IS)

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.05 minutes of internal standard RT
RT LOWER LIMIT = -0.05 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Advanced Environmental Laboratories, Inc.

VOLATILE ORGANICS

INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

FORM 2B

SDG No.: J2301357
Client: Environmental Chemical Corporation (ECC)

Date Analyzed: **1/30/2023 18:40** **Instrument ID:** **J1N**
Lab File ID: **230130N031.qgd**

	IS1 AREA #	RT#	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	512458	4.810	514101	7.218	395588	9.443
UPPER LIMIT	1024916	4.860	1028202	7.268	791176	9.493
LOWER LIMIT	256229	4.760	257051	7.168	197794	9.393
LAB SAMPLE ID						

IS1 = 1,4-Difluorobenzene (IS)
IS2 = Chlorobenzene-d5 (IS)
IS3 = 1,4-Dichlorobenzene-d4 (IS)

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.05 minutes of internal standard RT
RT LOWER LIMIT = -0.05 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Advanced Environmental Laboratories, Inc.

VOLATILE ORGANICS

INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

FORM 2B

SDG No.: J2301357
Client: Environmental Chemical Corporation (ECC)

Date Analyzed: **1/30/2023 19:04** **Instrument ID:** **J1N**
Lab File ID: **230130N032.qgd**

	IS1 AREA #	RT#	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	517495	4.809	515226	7.217	367677	9.442
UPPER LIMIT	1034990	4.859	1030452	7.267	735354	9.492
LOWER LIMIT	258748	4.759	257613	7.167	183839	9.392
LAB SAMPLE ID						

IS1 = 1,4-Difluorobenzene (IS)
IS2 = Chlorobenzene-d5 (IS)
IS3 = 1,4-Dichlorobenzene-d4 (IS)

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.05 minutes of internal standard RT
RT LOWER LIMIT = -0.05 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Advanced Environmental Laboratories, Inc.

VOLATILE ORGANICS

MATRIX SPIKE REPORT

FORM 3A

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

MS Sample ID:	4646832	**Matrix:**	WATER
Client Sample ID:	143-RSPZ4-GW-AEB3056-REG	**Parent Wgt/Vol:**	5.0 mL
Date Prepared:	1/30/2023 07:00	**MS Wgt/Vol:**	5.0 mL
Parent Analyzed:	1/30/2023 13:50	**Parent Final Volume:**	5000 uL
MS Analyzed:	1/30/2023 16:15	**MS Final Volume:**	5000 uL
Parent File ID:	230130N019.qgd	**% Moisture:**	100.00
MS Data File:	230130N025.qgd	**Dilution Factor:**	1.0
Lims Analytical Batch:	5853	**Lims Prep Batch:**	5852
Prep Method:	SW-846 5030B	**Units:**	ug/L

Parameter	Conc Added	Sample Result	Q	Conc MS	Q	%Rec MS	Q	QC Limits Recovery
1,2-Dichloroethane	20.0	0.500	U	18.8		93.8		73 - 128
Benzene	20.0	0.500	U	19.0		94.9		79 - 120
Ethylbenzene	20.0	0.500	U	18.5		92.6		79 - 121
Methyl tert-butyl Ether (MTBE)	20.0	0.500	U	18.6		93.2		71 - 124
Methylene Chloride	20.0	2.50	U	18.3		91.5		74 - 124
Trichloroethene	20.0	0.500	U	17.3		86.3		79 - 123

NC = Not Calculable - the spike concentration added has been diluted below the LOQ

Advanced Environmental Laboratories, Inc.

VOLATILE ORGANICS

MATRIX SPIKE/MATRIX SPIKE DUPLICATE REPORT

FORM 3A

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

MSD Sample ID:	4646833	**Matrix:**	WATER
Client Sample ID:	143-RSPZ4-GW-AEB3056-REG	**Parent Wgt/Vol:**	5.0 mL
Date Prepared:	1/30/2023 07:00	**MSD Wgt/Vol:**	5.0 mL
Parent Analyzed:	1/30/2023 13:50	**Parent Final Volume:**	5000 uL
MSD Analyzed:	1/30/2023 16:39	**MSD Final Volume:**	5000 uL
Dilution MSD:	1.0	**% Moisture:**	100.00
Parent File ID:	230130N019.qgd	**Lims Analytical Batch:**	5853
MSD File ID:	230130N026.qgd	**Lims Prep Batch:**	5852

Prep Method: SW-846 5030B **Units:** ug/L

Parameter	Conc Added	Sample	Q	Results MSD	Q	%Rec MSD	Q	RPD	Q	QC Limits Recovery	QC Limits RPD
1,2-Dichloroethane	20.0	0.500	U	18.5		92.7		1.2		73 - 128	20
Benzene	20.0	0.500	U	18.6		92.9		2.1		79 - 120	20
Ethylbenzene	20.0	0.500	U	18.9		94.4		1.9		79 - 121	20
Methyl tert-butyl Ether (MTBE)	20.0	0.500	U	18.4		92.2		1.0		71 - 124	20
Methylene Chloride	20.0	2.50	U	17.9		89.6		2.1		74 - 124	20
Trichloroethene	20.0	0.500	U	17.3		86.6		0.30		79 - 123	20

NC = Not Calculable - the spike concentration added has been diluted below the LOQ

Advanced Environmental Laboratories, Inc.

VOLATILE ORGANICS

LABORATORY CONTROL SAMPLE REPORT

FORM 3C

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

LCS Sample ID:	4646831		**Matrix:**	WATER	
Date Prepared:	1/30/2023	07:00	**LCS Wgt/Vol:**	5.0	mL
Date Analyzed:	1/30/2023	07:24	**Final Volume:**	5000	uL
Dilution Factor:	1		**% Moisture:**	100.00	
LCS File ID:	230130N003.qgd		**Lims Analytical Batch:**	5853	
			Lims Prep Batch:	5852	

Prep Method: SW-846 5030B **Units:** ug/L

Parameter	Conc Added	Results LCS	%Rec LCS	Q	QC Limits Recovery
1,2-Dichloroethane	20.0	16.4	82.0		73 - 128
Benzene	20.0	17.2	86.1		79 - 120
Ethylbenzene	20.0	17.6	87.9		79 - 121
Methyl tert-butyl Ether (MTBE)	20.0	17.1	85.5		71 - 124
Methylene Chloride	20.0	17.1	85.4		74 - 124
Trichloroethene	20.0	16.2	81.0		79 - 123

Advanced Environmental Laboratories, Inc.

VOLATILE ORGANICS

METHOD BLANK SUMMARY

FORM 4A

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID: 4646830
Method Blank ID: MB for HBN 152291 [MSVj/5852]
Method Blank Lab File ID: 230130N002.qgd
Date/Time Analyzed: 1/30/2023 07:00
Matrix: WATER
Instrument ID: J1N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

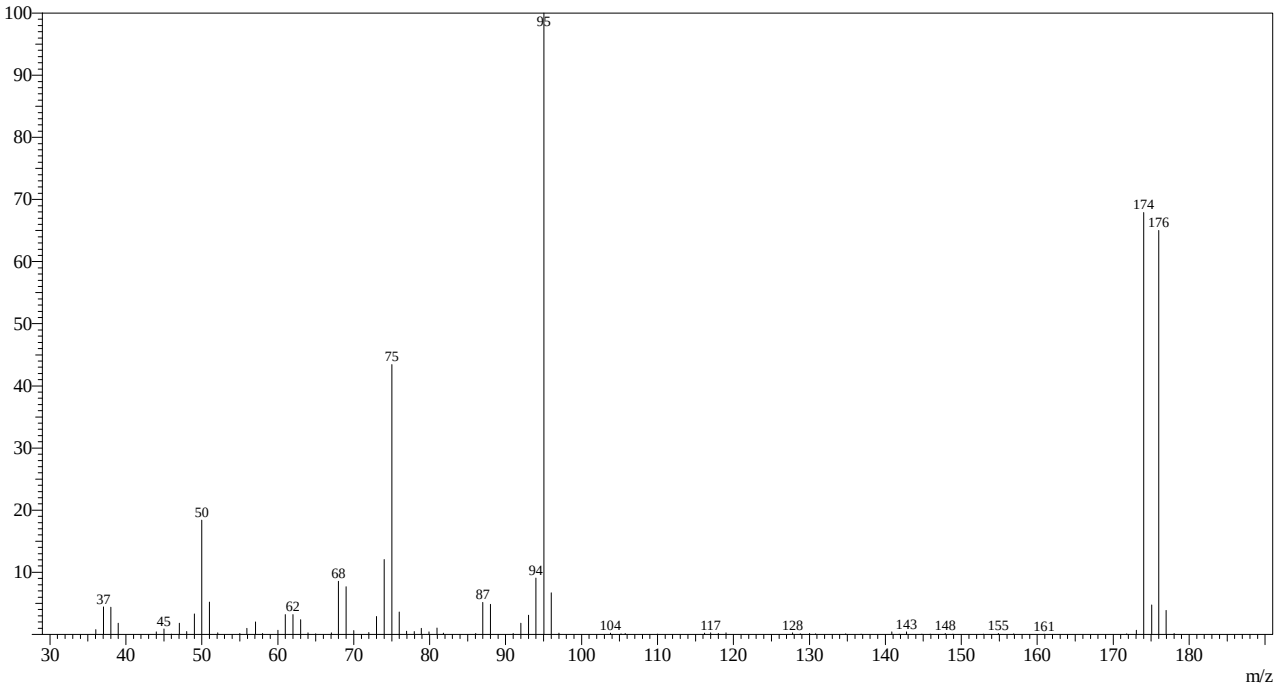
Client ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
LCS for HBN 152291 [MSVj/5852]	4646831	230130N003.qgd	1/30/2023	07:24
143-Site-WA-TB7004-TB	J2301357007	230130N014.qgd	1/30/2023	11:49
143-RSPZ2-GW-AEB3053-REG	J2301357001	230130N015.qgd	1/30/2023	12:13
143-RSPZ3-GW-AEB3055-REG	J2301357002	230130N016.qgd	1/30/2023	12:37
143-RSPZ5-GW-AEB3057-REG	J2301357003	230130N017.qgd	1/30/2023	13:02
143-RSPZ2-GW-AEB3054-FD	J2301357004	230130N018.qgd	1/30/2023	13:26
143-RSPZ4-GW-AEB3056-REG	J2301357005	230130N019.qgd	1/30/2023	13:50
143-RSPZ1-GW-AEB3052-REG	J2301357006	230130N020.qgd	1/30/2023	14:14
143-RSPZ4-GW-AEB...(4642152MS)	4646832	230130N025.qgd	1/30/2023	16:15
143-RSPZ4-GW-AE...(4642152MSD)	4646833	230130N026.qgd	1/30/2023	16:39

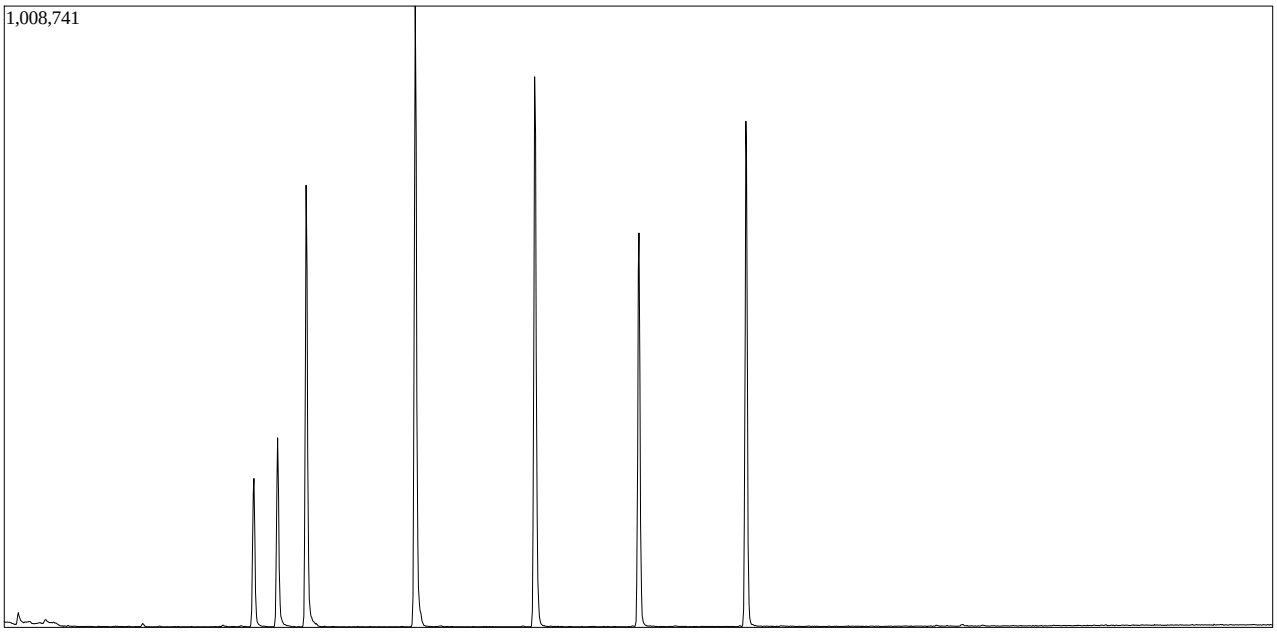
Instrument : J1N Method : 524.2/8260B

Sample ID : IB/TUNE/TUNE
File Name : C:\GCMSsolution\Data\221122N002.qgd Date : 11/22/2022 Time : 11:34:58

Spectrum Check

m/z	Criteria	Rel Inten.	Result	Status
50	15 to 40 percent of mass 95	18.40	18.40	Pass
75	30 to 60 percent of mass 95	43.42	43.42	Pass
95	base peak, 100 percent	100.00	100.00	Pass
96	5 to 9 percent of mass 95	6.67	6.67	Pass
173	< 2 percent of mass 174	0.68	1.00	Pass
174	> 50 percent of mass 95	67.92	67.92	Pass
176	95 to 100 percent of mass 174	65.00	95.70	Pass
177	5 to 9 percent of mass 176	3.89	5.98	Pass



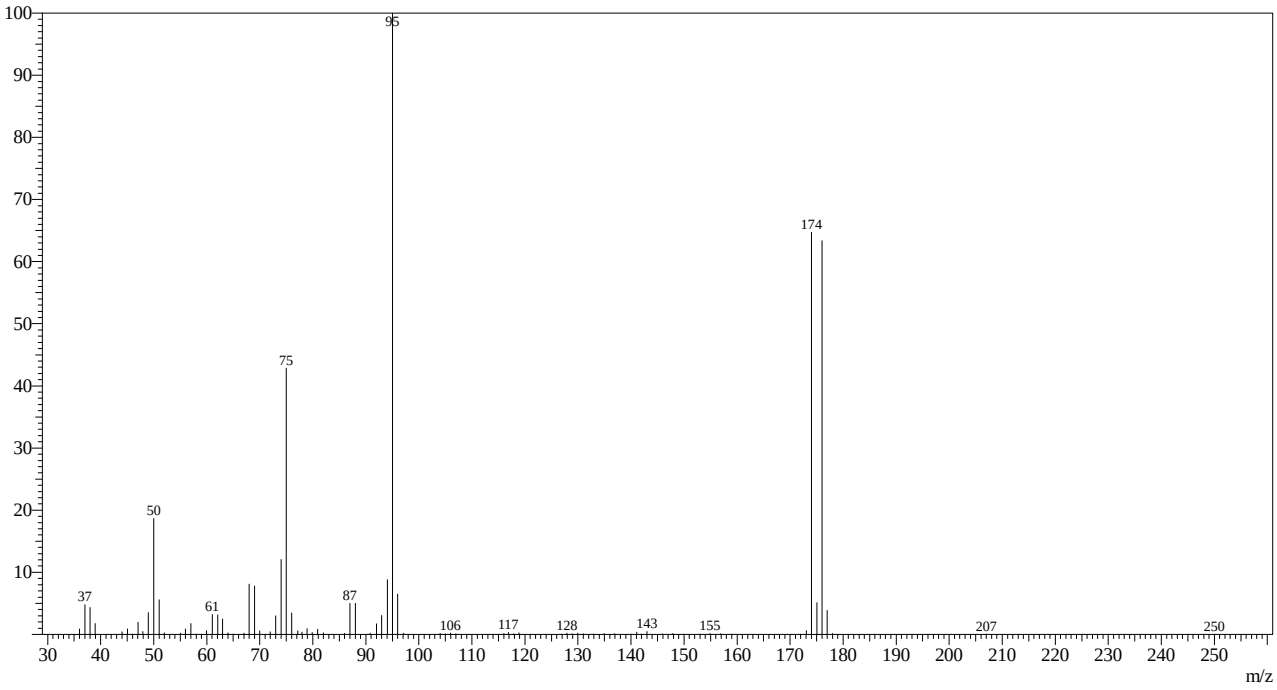


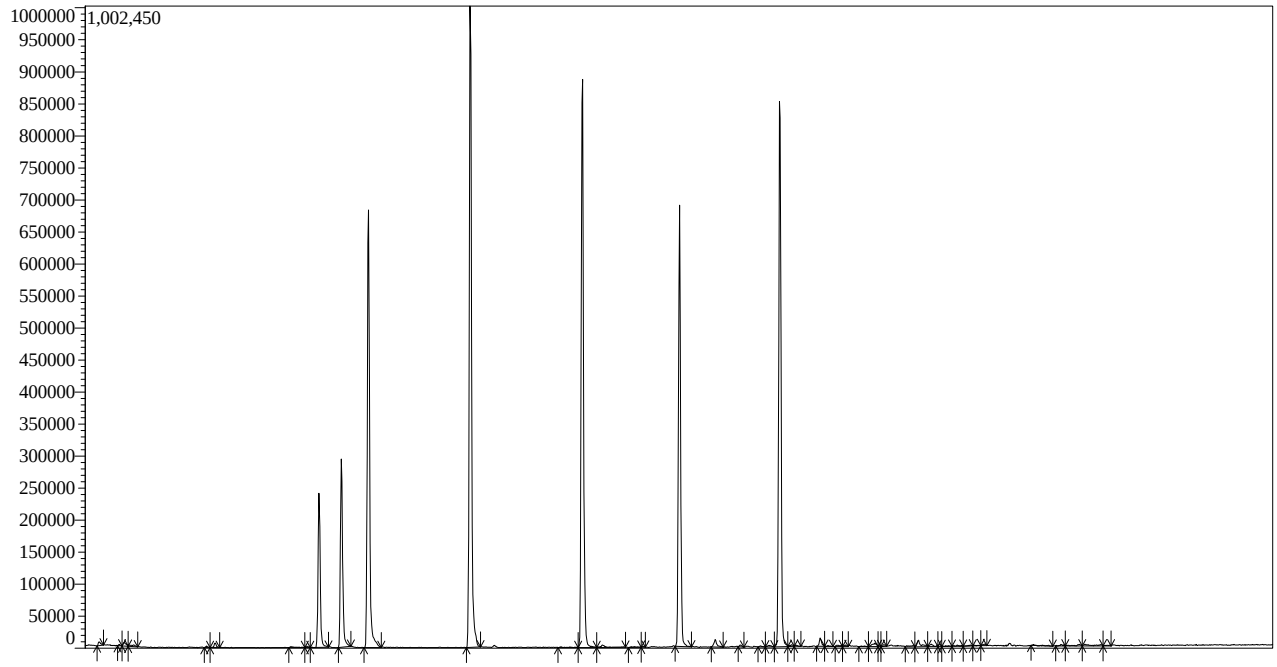
Instrument : J1N Method : 524.2/8260B

Sample ID : IB/TUNE/MB/TUNE
File Name : C:\GCMSsolution\Data\230130N002.qgd Date : 01/30/2023 Time : 07:00:34

Spectrum Check

m/z	Criteria	Rel Inten.	Result	Status
50	15 to 40 percent of mass 95	18.66	18.66	Pass
75	30 to 60 percent of mass 95	42.87	42.87	Pass
95	base peak, 100 percent	100.00	100.00	Pass
96	5 to 9 percent of mass 95	6.49	6.49	Pass
173	< 2 percent of mass 174	0.63	0.97	Pass
174	> 50 percent of mass 95	64.69	64.69	Pass
176	95 to 100 percent of mass 174	63.39	97.99	Pass
177	5 to 9 percent of mass 176	3.87	6.10	Pass





Advanced Environmental Laboratories, Inc.

Initial Calibration Data Summary Report
FORM 6A
SW-846 8260C

SDG No.: J2301357
Client: Environmental Chemical Corporation (ECC)

Calibration Start Date/Time: **11/22/202213:22** **Instrument ID: J1N**
Calibration End Date/Time: **11/22/202216:58**

CALIBRATION FACTORS

Data Files: 221122N005.qgd 221122N009.qgd 221122N010.qgd 221122N011.qgd 221122N012.qgd 221122N013.qgd 221122N014.qgd

Parameter	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	RRF8	MEAN	% RSD	CT
1,2-Dichloroethane	0.811	0.710	0.729	0.689	0.669	0.642	0.634		0.698	8.70	A
Benzene	2.860	2.893	2.920	2.856	2.801	2.733	2.724		2.827	2.71	A
Ethylbenzene	2.908	2.939	3.014	2.992	2.995	3.009	2.895		2.965	1.67	A
Methyl tert-butyl Ether (MTBE)	1.571	1.556	1.577	1.527	1.208	0.925			1.394	**19.34**	*
Methylene Chloride	1.269	1.051	1.030	1.005	0.952	0.977	1.054		1.048	9.97	A
Trichloroethene	0.687	0.660	0.674	0.670	0.660	0.646	0.647		0.663	2.25	A
1,2-Dichloroethane-d4	0.315	0.319	0.323	0.307	0.306	0.292	0.280		0.306	5.05	A
Bromofluorobenzene	0.737	0.722	0.718	0.705	0.711	0.723	0.721		0.720	1.40	A
Toluene-d8	1.290	1.257	1.244	1.240	1.253	1.272	1.256		1.259	1.36	A

CT = Calibration Type **CT = A (Average), CT = * See associated Regression Report**

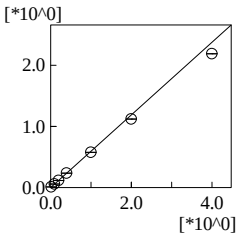
C:\GCMSsolution\Data\8260-W-221122N.qgm

Calibration

ID#:1 Mass:114.00 Name:1,4-Difluorobenzene (IS)
rr1=0.000000 rr2=0.000000
MeanRF:0.00 RFSD:-- RFRSD:--
CurveType:?
WeightedRegression:None
Function:?

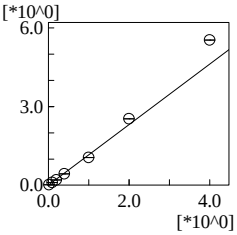
ISTD

ID#:2 Mass:85.00 Name:Dichlorodifluoromethane
rr1=0.999879 rr2=0.999758
MeanRF:0.59 RFSD:0.04 RFRSD:6.20
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.593331*x



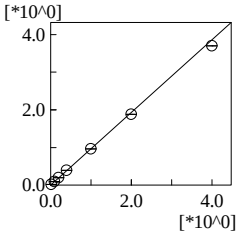
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.06
3	0.200	0.12
4	0.400	0.24
5	1.000	0.58
6	2.000	1.12
7	4.000	2.19

ID#:3 Mass:50.00 Name:Chloromethane
rr1=0.998076 rr2=0.996156
MeanRF:1.15 RFSD:0.13 RFRSD:11.17
CurveType:Mean Response Factor
WeightedRegression:None
Function:1.152731*x



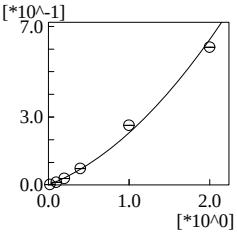
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.02
2	0.100	0.11
3	0.200	0.21
4	0.400	0.44
5	1.000	1.06
6	2.000	2.53
7	4.000	5.54

ID#:4 Mass:62.00 Name:Vinyl Chloride
rr1=0.999934 rr2=0.999868
MeanRF:0.96 RFSD:0.02 RFRSD:2.36
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.963502*x



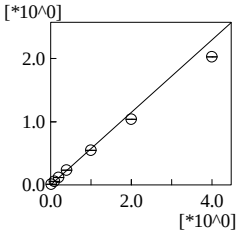
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.02
2	0.100	0.10
3	0.200	0.20
4	0.400	0.40
5	1.000	0.96
6	2.000	1.88
7	4.000	3.70

ID#:5 Mass:94.00 Name:Bromomethane
rr1=0.995174 rr2=0.990371
MeanRF:0.18 RFSD:0.08 RFRSD:45.09
CurveType:2nd Order Regression
WeightedRegression:1/C2
Function:0.090159*x^2+0.140630*x-0.001043



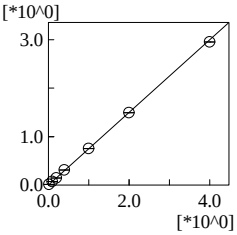
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.00
2	0.100	0.01
3	0.200	0.03
4	0.400	0.07
5	1.000	0.26
6	2.000	0.61

ID#:6 Mass:64.00 Name:Chloroethane
rr1=0.999751 rr2=0.999502
MeanRF:0.57 RFSD:0.05 RFRSD:9.38
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.574311*x



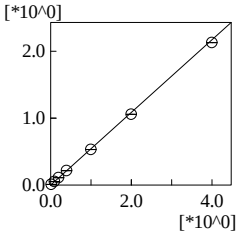
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.06
3	0.200	0.12
4	0.400	0.23
5	1.000	0.55
6	2.000	1.04
7	4.000	2.03

ID#:7 Mass:101.00 Name:Trichlorofluoromethane
rr1=0.999976 rr2=0.999951
MeanRF:0.75 RFSD:0.02 RFRSD:2.66
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.748034*x



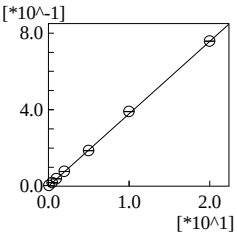
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.08
3	0.200	0.15
4	0.400	0.31
5	1.000	0.75
6	2.000	1.49
7	4.000	2.95

ID#:8 Mass:59.00 Name:Diethyl Ether
rr1=0.999990 rr2=0.999981
MeanRF:0.54 RFSD:0.01 RFRSD:2.71
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.542549*x



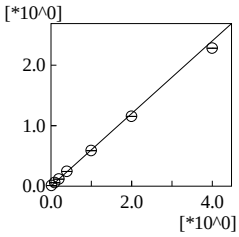
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.05
3	0.200	0.11
4	0.400	0.22
5	1.000	0.54
6	2.000	1.06
7	4.000	2.13

ID#:9 Mass:56.00 Name:Acrolein
rr1=0.999868 rr2=0.999736
MeanRF:0.04 RFSD:0.00 RFRSD:5.35
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.037786*x



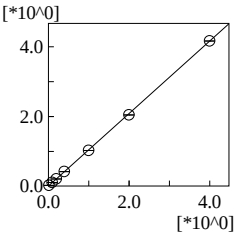
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.100	0.00
2	0.500	0.02
3	1.000	0.04
4	2.000	0.08
5	5.000	0.19
6	10.000	0.39
7	20.000	0.76

ID#:10 Mass:101.00 Name:1,1,2-Trichlorotrifluoroethane
rr1=0.999957 rr2=0.999915
MeanRF:0.60 RFSD:0.02 RFRSD:3.65
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.599904*x



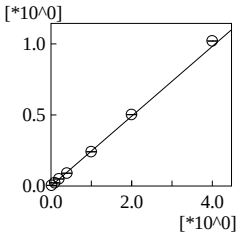
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.06
3	0.200	0.12
4	0.400	0.25
5	1.000	0.59
6	2.000	1.16
7	4.000	2.28

ID#:11 Mass:61.00 Name:1,1-Dichloroethene
rr1=0.999950 rr2=0.999901
MeanRF:1.04 RFSD:0.02 RFRSD:1.49
CurveType:Mean Response Factor
WeightedRegression:None
Function:1.042005*x



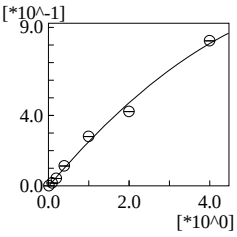
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.02
2	0.100	0.10
3	0.200	0.21
4	0.400	0.42
5	1.000	1.03
6	2.000	2.04
7	4.000	4.17

ID#:12 Mass:43.00 Name:Acetone
rr1=0.999895 rr2=0.999791
MeanRF:0.25 RFSD:0.01 RFRSD:4.21
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.245557*x



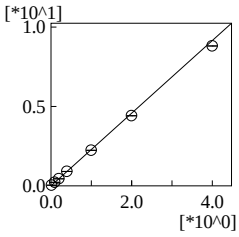
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.02
3	0.200	0.05
4	0.400	0.09
5	1.000	0.24
6	2.000	0.50
7	4.000	1.02

ID#:13 Mass:142.00 Name:Iodomethane (Methyl Iodide)
rr1=0.995631 rr2=0.991281
MeanRF:0.20 RFSD:0.08 RFRSD:36.85
CurveType:2nd Order Regression
WeightedRegression:1/C
Function:-0.017343*x^2+0.272871*x-0.005001



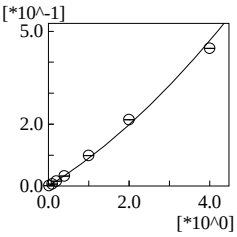
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.00
2	0.100	0.02
3	0.200	0.04
4	0.400	0.11
5	1.000	0.28
6	2.000	0.42
7	4.000	0.82

ID#:14 Mass:76.00 Name:Carbon Disulfide
rr1=0.999983 rr2=0.999967
MeanRF:2.29 RFSD:0.08 RFRSD:3.49
CurveType:Mean Response Factor
WeightedRegression:None
Function:2.285214*x



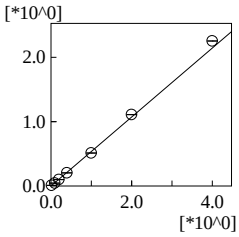
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.05
2	0.100	0.23
3	0.200	0.46
4	0.400	0.92
5	1.000	2.25
6	2.000	4.41
7	4.000	8.80

ID#:15 Mass:41.00 Name:Acetonitrile
rr1=0.996902 rr2=0.993814
MeanRF:0.09 RFSD:0.02 RFRSD:22.61
CurveType:2nd Order Regression
WeightedRegression:1/C2
Function:0.009035*x^2+0.081196*x-0.000455



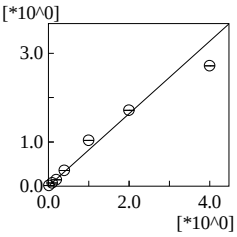
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.00
2	0.100	0.01
3	0.200	0.02
4	0.400	0.03
5	1.000	0.10
6	2.000	0.21
7	4.000	0.45

ID#:16 Mass:43.00 Name:Methyl Acetate
rr1=0.999807 rr2=0.999615
MeanRF:0.54 RFSD:0.04 RFRSD:6.91
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.535443*x



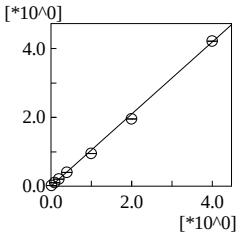
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.05
3	0.200	0.10
4	0.400	0.21
5	1.000	0.52
6	2.000	1.11
7	4.000	2.25

ID#:17 Mass:41.00 Name:Allyl Chloride(3-Chloroprene)
rr1=0.987231 rr2=0.974625
MeanRF:0.82 RFSD:0.12 RFRSD:14.56
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.818757*x



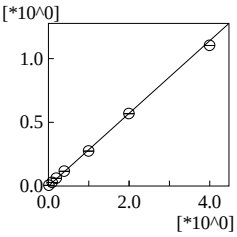
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.02
2	0.100	0.08
3	0.200	0.15
4	0.400	0.36
5	1.000	1.04
6	2.000	1.71
7	4.000	2.72

ID#:18 Mass:49.00 Name:Methylene Chloride
rr1=0.999169 rr2=0.998338
MeanRF:1.05 RFSD:0.10 RFRSD:9.97
CurveType:Mean Response Factor
WeightedRegression:None
Function:1.048422*x



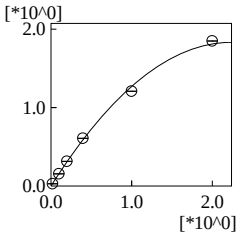
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.03
2	0.100	0.11
3	0.200	0.21
4	0.400	0.40
5	1.000	0.95
6	2.000	1.95
7	4.000	4.22

ID#:19 Mass:53.00 Name:Acrylonitrile
rr1=0.999889 rr2=0.999777
MeanRF:0.28 RFSD:0.01 RFRSD:4.22
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.284837*x



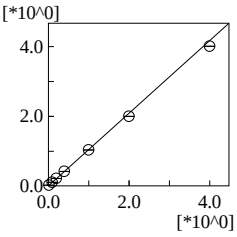
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.03
3	0.200	0.06
4	0.400	0.12
5	1.000	0.28
6	2.000	0.57
7	4.000	1.10

ID#:20 Mass:73.00 Name:MTBE
rr1=0.999527 rr2=0.999054
MeanRF:1.39 RFSD:0.27 RFRSD:19.34
CurveType:2nd Order Regression
WeightedRegression:1/C2
Function:-0.363688*x^2+1.632627*x-0.001128



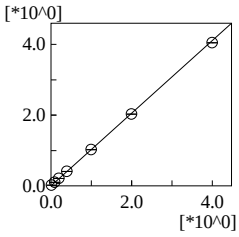
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.03
2	0.100	0.16
3	0.200	0.32
4	0.400	0.61
5	1.000	1.21
6	2.000	1.85

ID#:21 Mass:61.00 Name:trans-1,2-Dichloroethene
rr1=0.999962 rr2=0.999923
MeanRF:1.04 RFSD:0.04 RFRSD:3.38
CurveType:Mean Response Factor
WeightedRegression:None
Function:1.042173*x



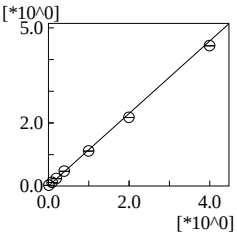
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.02
2	0.100	0.10
3	0.200	0.21
4	0.400	0.42
5	1.000	1.04
6	2.000	2.00
7	4.000	4.01

ID#:22 Mass:43.00 Name:Vinyl Acetate
rr1=0.999988 rr2=0.999975
MeanRF:1.03 RFSD:0.03 RFRSD:2.81
CurveType:Mean Response Factor
WeightedRegression:None
Function:1.026128*x



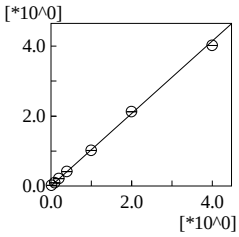
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.02
2	0.100	0.10
3	0.200	0.22
4	0.400	0.42
5	1.000	1.03
6	2.000	2.03
7	4.000	4.05

ID#:23 Mass:63.00 Name:1,1-Dichloroethane
rr1=0.999896 rr2=0.999792
MeanRF:1.15 RFSD:0.05 RFRSD:4.07
CurveType:Mean Response Factor
WeightedRegression:None
Function:1.146562*x



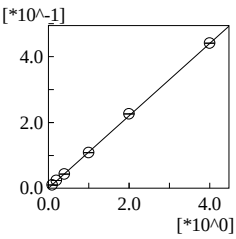
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.02
2	0.100	0.12
3	0.200	0.24
4	0.400	0.47
5	1.000	1.10
6	2.000	2.17
7	4.000	4.43

ID#:24 Mass:43.00 Name:2-Butanone(MEK)
rr1=0.999626 rr2=0.999252
MeanRF:1.04 RFSD:0.03 RFRSD:3.27
CurveType:Mean Response Factor
WeightedRegression:None
Function:1.036661*x



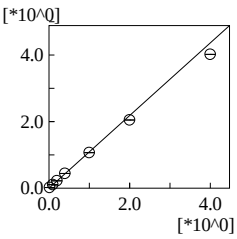
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.02
2	0.100	0.10
3	0.200	0.21
4	0.400	0.42
5	1.000	1.02
6	2.000	2.12
7	4.000	4.02

ID#:25 Mass:45.00 Name:Ethyl Acetate
rr1=0.999871 rr2=0.999742
MeanRF:0.11 RFSD:0.00 RFRSD:4.10
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.110026*x



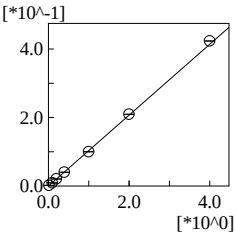
#	Conc. Ratio (ppm)	Mean Area Ratio
2	0.100	0.01
3	0.200	0.02
4	0.400	0.04
5	1.000	0.11
6	2.000	0.23
7	4.000	0.44

ID#:26 Mass:61.00 Name:cis-1,2-Dichloroethene
rr1=0.999873 rr2=0.999747
MeanRF:1.09 RFSD:0.06 RFRSD:5.39
CurveType:Mean Response Factor
WeightedRegression:None
Function:1.090682*x



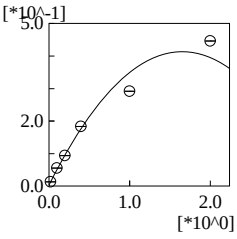
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.02
2	0.100	0.11
3	0.200	0.23
4	0.400	0.44
5	1.000	1.07
6	2.000	2.06
7	4.000	4.02

ID#:27 Mass:54.00 Name:Propionitrile(Ethyl cyanide)
rr1=0.999921 rr2=0.999841
MeanRF:0.10 RFSD:0.00 RFRSD:2.12
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.103639*x



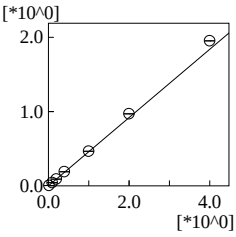
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.00
2	0.100	0.01
3	0.200	0.02
4	0.400	0.04
5	1.000	0.10
6	2.000	0.21
7	4.000	0.42

ID#:28 Mass:41.00 Name:2,2-Dichloropropane
rr1=0.995256 rr2=0.990535
MeanRF:0.44 RFSD:0.16 RFRSD:36.39
CurveType:2nd Order Regression
WeightedRegression:1/C2
Function:-0.149970*x^2+0.495913*x+0.003364



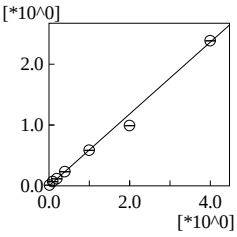
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.06
3	0.200	0.09
4	0.400	0.18
5	1.000	0.29
6	2.000	0.45

ID#:29 Mass:41.00 Name:Methacrylonitrile
rr1=0.999956 rr2=0.999912
MeanRF:0.46 RFSD:0.03 RFRSD:6.98
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.459460*x



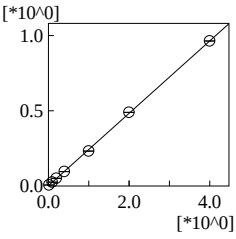
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.04
3	0.200	0.09
4	0.400	0.19
5	1.000	0.47
6	2.000	0.97
7	4.000	1.95

ID#:30 Mass:49.00 Name:Bromochloromethane
rr1=0.996237 rr2=0.992488
MeanRF:0.59 RFSD:0.06 RFRSD:9.62
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.591001*x



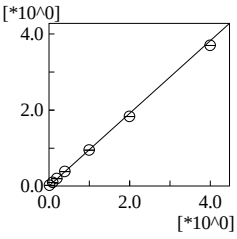
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.07
3	0.200	0.12
4	0.400	0.23
5	1.000	0.58
6	2.000	0.99
7	4.000	2.38

ID#:31 Mass:42.00 Name:Tetrahydrofuran
rr1=0.999831 rr2=0.999662
MeanRF:0.26 RFSD:0.04 RFRSD:15.24
CurveType:Least Square Method
WeightedRegression:1/C
Function:0.240083*x+0.002169



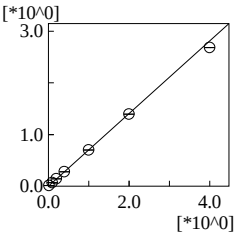
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.03
3	0.200	0.05
4	0.400	0.10
5	1.000	0.23
6	2.000	0.49
7	4.000	0.96

ID#:32 Mass:83.00 Name:Chloroform
rr1=0.999954 rr2=0.999908
MeanRF:0.95 RFSD:0.03 RFRSD:3.19
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.953767*x



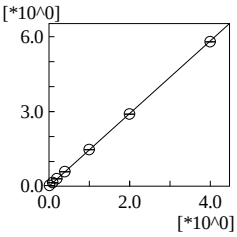
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.02
2	0.100	0.10
3	0.200	0.20
4	0.400	0.39
5	1.000	0.95
6	2.000	1.83
7	4.000	3.69

ID#:33 Mass:97.00 Name:1,1,1-Trichloroethane
rr1=0.999814 rr2=0.999628
MeanRF:0.70 RFSD:0.02 RFRSD:2.38
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.702431*x



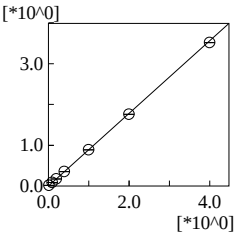
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.07
3	0.200	0.14
4	0.400	0.28
5	1.000	0.70
6	2.000	1.39
7	4.000	2.69

ID#:34 Mass:56.00 Name:Cyclohexane
rr1=0.999988 rr2=0.999976
MeanRF:1.45 RFSD:0.02 RFRSD:1.65
CurveType:Mean Response Factor
WeightedRegression:None
Function:1.454776*x



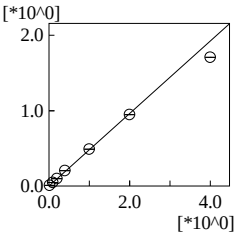
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.03
2	0.100	0.15
3	0.200	0.30
4	0.400	0.59
5	1.000	1.47
6	2.000	2.89
7	4.000	5.79

ID#:35 Mass:75.00 Name:1,1-Dichloropropene
rr1=0.999995 rr2=0.999989
MeanRF:0.89 RFSD:0.01 RFRSD:0.87
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.888697*x



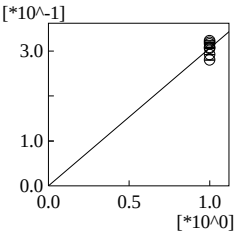
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.02
2	0.100	0.09
3	0.200	0.18
4	0.400	0.36
5	1.000	0.89
6	2.000	1.76
7	4.000	3.51

ID#:36 Mass:117.00 Name:Carbon tetrachloride
rr1=0.998344 rr2=0.996692
MeanRF:0.48 RFSD:0.03 RFRSD:5.73
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.481061*x



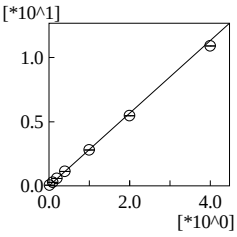
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.05
3	0.200	0.10
4	0.400	0.21
5	1.000	0.49
6	2.000	0.95
7	4.000	1.71

ID#:37 Mass:65.00 Name:1,2-Dichloroethane-d4
rr1=0.000000 rr2=0.000000
MeanRF:0.31 RFSD:0.02 RFRSD:5.05
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.305832*x



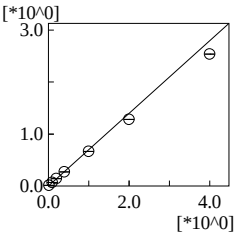
#	Conc. Ratio (ppb)	Mean Area Ratio
1	1.000	0.32
2	1.000	0.32
3	1.000	0.32
4	1.000	0.31
5	1.000	0.31
6	1.000	0.29
7	1.000	0.28

ID#:38 Mass:78.00 Name:Benzene
rr1=0.999977 rr2=0.999954
MeanRF:2.83 RFSD:0.08 RFRSD:2.71
CurveType:Mean Response Factor
WeightedRegression:None
Function:2.826686*x



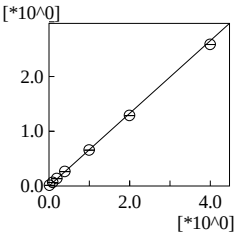
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.06
2	0.100	0.29
3	0.200	0.58
4	0.400	1.14
5	1.000	2.80
6	2.000	5.47
7	4.000	10.89

ID#:39 Mass:62.00 Name:1,2-Dichloroethane
rr1=0.999923 rr2=0.999846
MeanRF:0.70 RFSD:0.06 RFRSD:8.70
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.697759*x



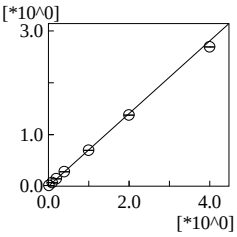
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.02
2	0.100	0.07
3	0.200	0.15
4	0.400	0.28
5	1.000	0.67
6	2.000	1.28
7	4.000	2.54

ID#:40 Mass:95.00 Name:Trichloroethene
rr1=0.999985 rr2=0.999971
MeanRF:0.66 RFSD:0.01 RFRSD:2.25
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.663428*x



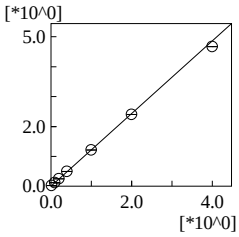
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.07
3	0.200	0.13
4	0.400	0.27
5	1.000	0.66
6	2.000	1.29
7	4.000	2.59

ID#:41 Mass:63.00 Name:1,2-Dichloropropane
rr1=0.999942 rr2=0.999885
MeanRF:0.70 RFSD:0.02 RFRSD:2.34
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.701678*x



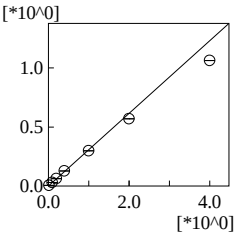
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.07
3	0.200	0.14
4	0.400	0.28
5	1.000	0.70
6	2.000	1.37
7	4.000	2.70

ID#:42 Mass:83.00 Name:Methyl Cyclohexane
rr1=0.999882 rr2=0.999764
MeanRF:1.21 RFSD:0.03 RFRSD:2.21
CurveType:Mean Response Factor
WeightedRegression:None
Function:1.213467*x



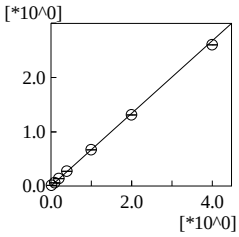
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.02
2	0.100	0.12
3	0.200	0.25
4	0.400	0.50
5	1.000	1.21
6	2.000	2.40
7	4.000	4.67

ID#:43 Mass:93.00 Name:Dibromomethane
rr1=0.999234 rr2=0.998469
MeanRF:0.31 RFSD:0.03 RFRSD:8.29
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.306807*x



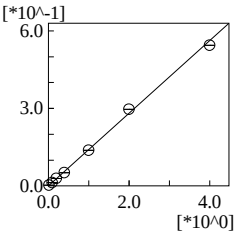
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.03
3	0.200	0.06
4	0.400	0.13
5	1.000	0.30
6	2.000	0.57
7	4.000	1.06

ID#:44 Mass:83.00 Name:Bromodichloromethane
rr1=0.999971 rr2=0.999943
MeanRF:0.67 RFSD:0.02 RFRSD:3.53
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.667803*x



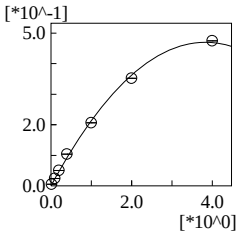
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.06
3	0.200	0.14
4	0.400	0.28
5	1.000	0.67
6	2.000	1.31
7	4.000	2.60

ID#:45 Mass:43.00 Name:2-Nitropropane
rr1=0.998980 rr2=0.997961
MeanRF:0.14 RFSD:0.01 RFRSD:9.13
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.140485*x



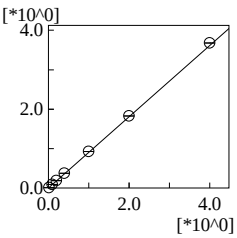
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.00
2	0.100	0.01
3	0.200	0.03
4	0.400	0.05
5	1.000	0.14
6	2.000	0.30
7	4.000	0.54

ID#:46 Mass:63.00 Name:2-Chloroetheylvinyl ether
rr1=0.998872 rr2=0.997744
MeanRF:0.22 RFSD:0.06 RFRSD:25.51
CurveType:2nd Order Regression
WeightedRegression:1/C
Function:-0.031819*x^2+0.244333*x+0.001033



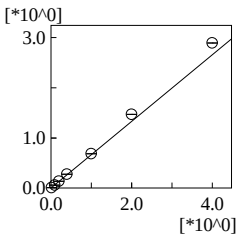
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.02
3	0.200	0.05
4	0.400	0.10
5	1.000	0.21
6	2.000	0.35
7	4.000	0.47

ID#:47 Mass:75.00 Name:cis-1,3-Dichloropropene
rr1=0.999987 rr2=0.999975
MeanRF:0.90 RFSD:0.05 RFRSD:5.71
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.904297*x



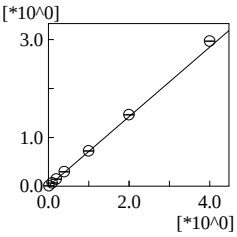
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.02
2	0.100	0.09
3	0.200	0.19
4	0.400	0.37
5	1.000	0.93
6	2.000	1.83
7	4.000	3.68

ID#:48 Mass:43.00 Name:4-Methyl-2-Pentanone(MIBK)
rr1=0.999874 rr2=0.999748
MeanRF:0.66 RFSD:0.08 RFRSD:11.92
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.663175*x



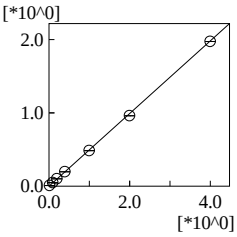
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.06
3	0.200	0.14
4	0.400	0.28
5	1.000	0.69
6	2.000	1.47
7	4.000	2.89

ID#:49 Mass:75.00 Name:trans-1,3-Dichloropropene
rr1=0.999960 rr2=0.999920
MeanRF:0.71 RFSD:0.04 RFRSD:5.17
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.710022*x



#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.07
3	0.200	0.14
4	0.400	0.29
5	1.000	0.72
6	2.000	1.46
7	4.000	2.97

ID#:50 Mass:97.00 Name:1,1,2-Trichloroethane
rr1=0.999918 rr2=0.999835
MeanRF:0.50 RFSD:0.01 RFRSD:2.28
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.495337*x

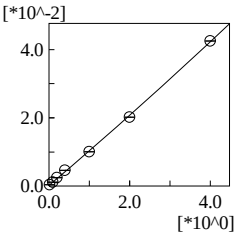


#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.05
3	0.200	0.10
4	0.400	0.20
5	1.000	0.49
6	2.000	0.96
7	4.000	1.98

ID#:51 Mass:117.00 Name:Chlorobenzene-d5 (IS)
rr1=0.000000 rr2=0.000000
MeanRF:0.00 RFSD:-- RFRSD:--
CurveType:?
WeightedRegression:None
Function:?

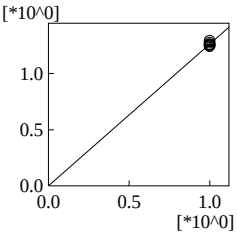
ISTD

ID#:52 Mass:58.00 Name:1,4 Dioxane
rr1=0.999316 rr2=0.998632
MeanRF:0.01 RFSD:0.00 RFRSD:33.66
CurveType:2nd Order Regression
WeightedRegression:1/C
Function:0.000131*x^2+0.009967*x+0.000269



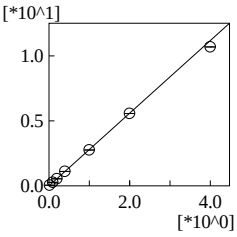
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.00
2	0.100	0.00
3	0.200	0.00
4	0.400	0.00
5	1.000	0.01
6	2.000	0.02
7	4.000	0.04

ID#:53 Mass:98.00 Name:Toluene-d8
rr1=0.000000 rr2=0.000000
MeanRF:1.26 RFSD:0.02 RFRSD:1.36
CurveType:Mean Response Factor
WeightedRegression:None
Function:1.258610*x



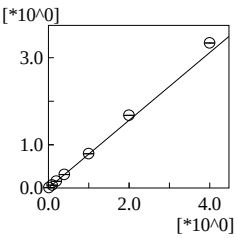
#	Conc. Ratio (ppb)	Mean Area Ratio
1	1.000	1.29
2	1.000	1.26
3	1.000	1.24
4	1.000	1.24
5	1.000	1.25
6	1.000	1.27
7	1.000	1.26

ID#:54 Mass:91.00 Name:Toluene
rr1=0.999798 rr2=0.999596
MeanRF:2.79 RFSD:0.07 RFRSD:2.67
CurveType:Mean Response Factor
WeightedRegression:None
Function:2.793381*x



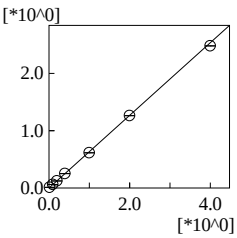
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.06
2	0.100	0.28
3	0.200	0.57
4	0.400	1.11
5	1.000	2.77
6	2.000	5.58
7	4.000	10.71

ID#:55 Mass:69.00 Name:Ethyl Methacrylate
rr1=0.999926 rr2=0.999853
MeanRF:0.78 RFSD:0.06 RFRSD:7.23
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.777554*x



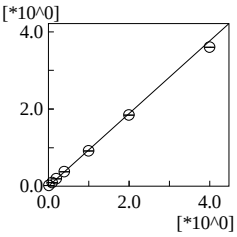
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.07
3	0.200	0.16
4	0.400	0.31
5	1.000	0.79
6	2.000	1.67
7	4.000	3.34

ID#:56 Mass:166.00 Name:Tetrachloroethene
rr1=0.999959 rr2=0.999917
MeanRF:0.63 RFSD:0.01 RFRSD:2.14
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.633547*x



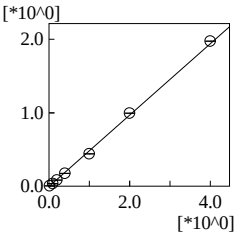
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.06
3	0.200	0.13
4	0.400	0.25
5	1.000	0.62
6	2.000	1.26
7	4.000	2.48

ID#:57 Mass:76.00 Name:1,3-Dichloropropane
rr1=0.999938 rr2=0.999876
MeanRF:0.94 RSFD:0.03 RFRSD:3.52
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.939548*x



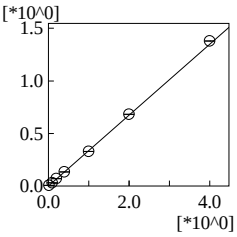
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.02
2	0.100	0.09
3	0.200	0.19
4	0.400	0.37
5	1.000	0.92
6	2.000	1.84
7	4.000	3.60

ID#:58 Mass:43.00 Name:2-Hexanone(MBK)
rr1=0.998939 rr2=0.997880
MeanRF:0.43 RSFD:0.07 RFRSD:15.71
CurveType:Least Square Method
WeightedRegression:1/C
Function:0.487138*x-0.006239



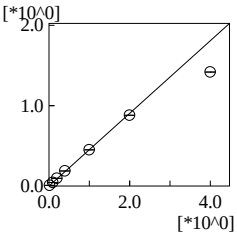
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.04
3	0.200	0.09
4	0.400	0.18
5	1.000	0.44
6	2.000	1.00
7	4.000	1.98

ID#:59 Mass:127.00 Name:Dibromochloromethane
rr1=0.999930 rr2=0.999859
MeanRF:0.34 RSFD:0.01 RFRSD:2.71
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.336897*x



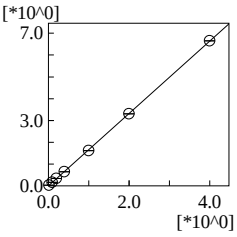
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.03
3	0.200	0.07
4	0.400	0.13
5	1.000	0.33
6	2.000	0.68
7	4.000	1.38

ID#:60 Mass:107.00 Name:1,2-Dibromoethane
rr1=0.992971 rr2=0.985991
MeanRF:0.45 RSFD:0.05 RFRSD:10.46
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.451445*x



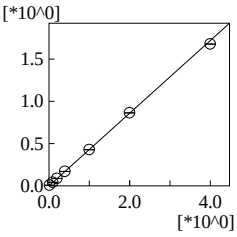
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.05
3	0.200	0.10
4	0.400	0.19
5	1.000	0.45
6	2.000	0.88
7	4.000	1.42

ID#:61 Mass:112.00 Name:Chlorobenzene
rr1=0.999976 rr2=0.999952
MeanRF:1.66 RSFD:0.03 RFRSD:1.83
CurveType:Mean Response Factor
WeightedRegression:None
Function:1.660451*x



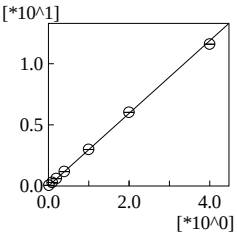
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.03
2	0.100	0.16
3	0.200	0.34
4	0.400	0.65
5	1.000	1.63
6	2.000	3.30
7	4.000	6.66

ID#:62 Mass:131.00 Name:1,1,1,2-Tetrachloroethane
rr1=0.999902 rr2=0.999803
MeanRF:0.43 RSFD:0.01 RFRSD:2.03
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.429423*x



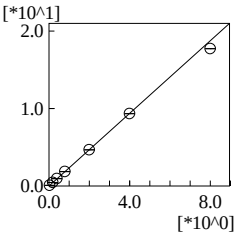
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.04
3	0.200	0.09
4	0.400	0.17
5	1.000	0.43
6	2.000	0.86
7	4.000	1.68

ID#:63 Mass:91.00 Name:Ethylbenzene
rr1=0.999814 rr2=0.999628
MeanRF:2.96 RSFD:0.05 RFRSD:1.67
CurveType:Mean Response Factor
WeightedRegression:None
Function:2.964677*x



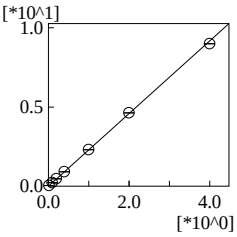
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.06
2	0.100	0.29
3	0.200	0.60
4	0.400	1.20
5	1.000	3.00
6	2.000	6.02
7	4.000	11.58

ID#:64 Mass:91.00 Name:Xylene-mp
rr1=0.999620 rr2=0.999240
MeanRF:2.34 RSFD:0.06 RFRSD:2.66
CurveType:Mean Response Factor
WeightedRegression:None
Function:2.342099*x



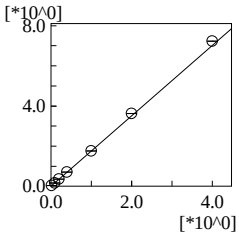
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.040	0.09
2	0.200	0.47
3	0.400	0.97
4	0.800	1.89
5	2.000	4.69
6	4.000	9.36
7	8.000	17.72

ID#:65 Mass:91.00 Name:Xylene-o
rr1=0.999881 rr2=0.999761
MeanRF:2.29 RSFD:0.06 RFRSD:2.71
CurveType:Mean Response Factor
WeightedRegression:None
Function:2.289887*x



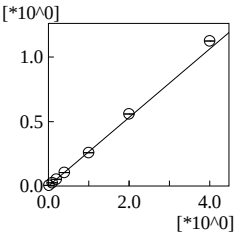
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.04
2	0.100	0.23
3	0.200	0.48
4	0.400	0.93
5	1.000	2.31
6	2.000	4.64
7	4.000	9.00

ID#:66 Mass:104.00 Name:Styrene
rr1=0.999972 rr2=0.999945
MeanRF:1.75 RSFD:0.08 RFRSD:4.39
CurveType:Mean Response Factor
WeightedRegression:None
Function:1.750930*x



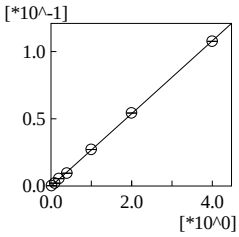
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.03
2	0.100	0.17
3	0.200	0.36
4	0.400	0.71
5	1.000	1.75
6	2.000	3.62
7	4.000	7.23

ID#:67 Mass:173.00 Name:Bromoform
rr1=0.999848 rr2=0.999695
MeanRF:0.27 RSFD:0.01 RFRSD:4.36
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.265109*x



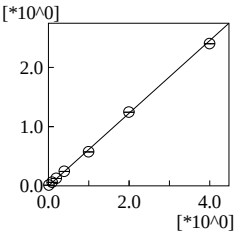
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.02
3	0.200	0.05
4	0.400	0.11
5	1.000	0.26
6	2.000	0.56
7	4.000	1.12

ID#:68 Mass:55.00 Name:Cyclohexanone
rr1=0.999641 rr2=0.999283
MeanRF:0.02 RSFD:0.01 RFRSD:20.74
CurveType:2nd Order Regression
WeightedRegression:1/C
Function:0.000013*x^2+0.026980*x-0.000290



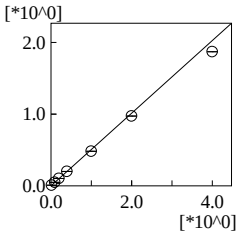
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.00
2	0.100	0.00
3	0.200	0.01
4	0.400	0.01
5	1.000	0.03
6	2.000	0.05
7	4.000	0.11

ID#:69 Mass:83.00 Name:1,1,2,2-Tetrachloroethane
rr1=0.999741 rr2=0.999482
MeanRF:0.61 RSFD:0.02 RFRSD:3.94
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.611661*x



#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.06
3	0.200	0.13
4	0.400	0.24
5	1.000	0.58
6	2.000	1.24
7	4.000	2.40

ID#:70 Mass:75.00 Name:1,2,3-Trichloropropane
rr1=0.999820 rr2=0.999640
MeanRF:0.51 RSFD:0.03 RFRSD:6.26
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.505751*x

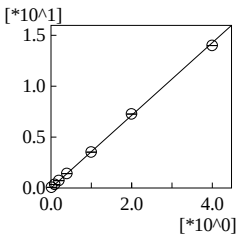


#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.05
3	0.200	0.11
4	0.400	0.20
5	1.000	0.48
6	2.000	0.97
7	4.000	1.87

ID#:71 Mass:150.00 Name:1,4-Dichlorobenzene-d4 (IS)
rr1=0.000000 rr2=0.000000
MeanRF:0.00 RSFD:-- RFRSD:--
CurveType:?
WeightedRegression:None
Function:?

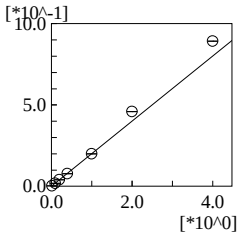
ISTD

ID#:72 Mass:105.00 Name:Isopropylbenzene
rr1=0.999806 rr2=0.999611
MeanRF:3.57 RSFD:0.07 RFRSD:2.01
CurveType:Mean Response Factor
WeightedRegression:None
Function:3.565687*x



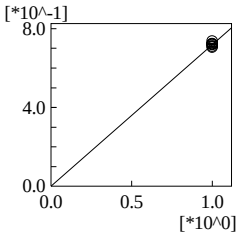
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.07
2	0.100	0.35
3	0.200	0.73
4	0.400	1.45
5	1.000	3.53
6	2.000	7.29
7	4.000	14.00

ID#:73 Mass:53.00 Name:Trans-1,4-Dichloro-2-butene
rr1=0.999500 rr2=0.999001
MeanRF:0.20 RFSD:0.02 RFRSD:10.13
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.200149*x



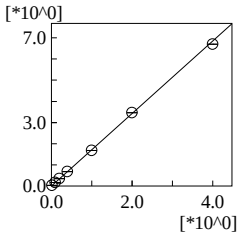
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.00
2	0.100	0.02
3	0.200	0.04
4	0.400	0.08
5	1.000	0.20
6	2.000	0.46
7	4.000	0.89

ID#:74 Mass:95.00 Name:Bromofluorobenzene
rr1=0.000000 rr2=0.000000
MeanRF:0.72 RFSD:0.01 RFRSD:1.40
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.719614*x



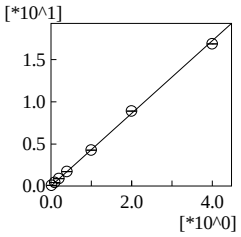
#	Conc. Ratio (ppb)	Mean Area Ratio
1	1.000	0.74
2	1.000	0.72
3	1.000	0.72
4	1.000	0.71
5	1.000	0.71
6	1.000	0.72
7	1.000	0.72

ID#:75 Mass:77.00 Name:Bromobenzene
rr1=0.999843 rr2=0.999685
MeanRF:1.71 RFSD:0.03 RFRSD:1.75
CurveType:Mean Response Factor
WeightedRegression:None
Function:1.712995*x



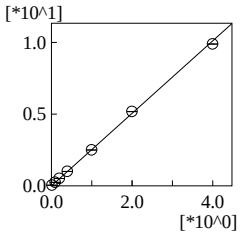
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.03
2	0.100	0.17
3	0.200	0.35
4	0.400	0.68
5	1.000	1.68
6	2.000	3.47
7	4.000	6.69

ID#:76 Mass:91.00 Name:n-Propylbenzene
rr1=0.999663 rr2=0.999325
MeanRF:4.31 RFSD:0.11 RFRSD:2.61
CurveType:Mean Response Factor
WeightedRegression:None
Function:4.307040*x



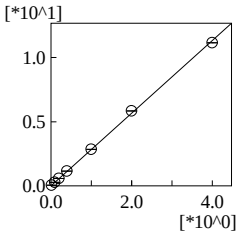
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.08
2	0.100	0.43
3	0.200	0.88
4	0.400	1.74
5	1.000	4.26
6	2.000	8.89
7	4.000	16.87

ID#:77 Mass:91.00 Name:2-Chlorotoluene
rr1=0.999754 rr2=0.999507
MeanRF:2.53 RFSD:0.04 RFRSD:1.63
CurveType:Mean Response Factor
WeightedRegression:None
Function:2.532054*x



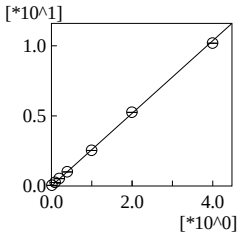
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.05
2	0.100	0.25
3	0.200	0.52
4	0.400	1.01
5	1.000	2.51
6	2.000	5.18
7	4.000	9.91

ID#:78 Mass:105.00 Name:1,3,5-Trimethylbenzene
rr1=0.999706 rr2=0.999413
MeanRF:2.83 RFSD:0.09 RFRSD:3.23
CurveType:Mean Response Factor
WeightedRegression:None
Function:2.826487*x



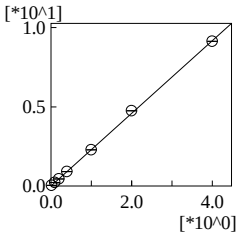
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.05
2	0.100	0.27
3	0.200	0.58
4	0.400	1.15
5	1.000	2.85
6	2.000	5.85
7	4.000	11.14

ID#:79 Mass:91.00 Name:4-Chlorotoluene
rr1=0.999877 rr2=0.999753
MeanRF:2.59 RFSD:0.05 RFRSD:2.07
CurveType:Mean Response Factor
WeightedRegression:None
Function:2.586884*x



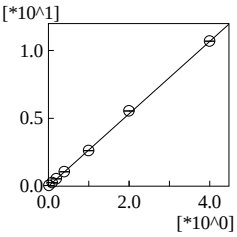
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.05
2	0.100	0.25
3	0.200	0.53
4	0.400	1.03
5	1.000	2.54
6	2.000	5.25
7	4.000	10.18

ID#:80 Mass:119.00 Name:tert-Butylbenzene
rr1=0.999810 rr2=0.999620
MeanRF:2.29 RFSD:0.07 RFRSD:3.22
CurveType:Mean Response Factor
WeightedRegression:None
Function:2.288559*x



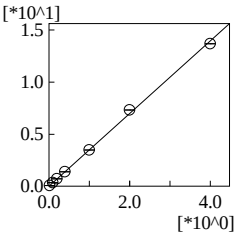
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.04
2	0.100	0.23
3	0.200	0.46
4	0.400	0.93
5	1.000	2.29
6	2.000	4.75
7	4.000	9.14

ID#:81 Mass:105.00 Name:1,2,4-Trimethylbenzene
rr1=0.999815 rr2=0.999631
MeanRF:2.66 RFSD:0.11 RFRSD:4.01
CurveType:Mean Response Factor
WeightedRegression:None
Function:2.663830*x



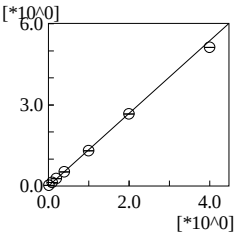
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.05
2	0.100	0.27
3	0.200	0.55
4	0.400	1.08
5	1.000	2.63
6	2.000	5.54
7	4.000	10.70

ID#:82 Mass:105.00 Name:sec-Butylbenzene
rr1=0.999403 rr2=0.998807
MeanRF:3.48 RFSD:0.13 RFRSD:3.65
CurveType:Mean Response Factor
WeightedRegression:None
Function:3.481916*x



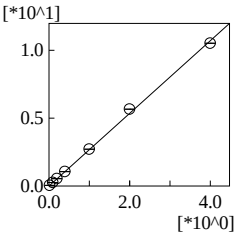
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.07
2	0.100	0.35
3	0.200	0.71
4	0.400	1.39
5	1.000	3.47
6	2.000	7.33
7	4.000	13.68

ID#:83 Mass:146.00 Name:1,3-Dichlorobenzene
rr1=0.999802 rr2=0.999604
MeanRF:1.34 RFSD:0.05 RFRSD:3.51
CurveType:Mean Response Factor
WeightedRegression:None
Function:1.341819*x



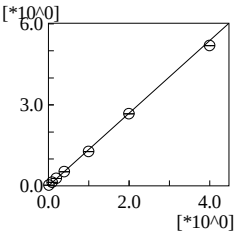
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.03
2	0.100	0.13
3	0.200	0.28
4	0.400	0.53
5	1.000	1.31
6	2.000	2.67
7	4.000	5.13

ID#:84 Mass:119.00 Name:p-iso-Propyltoluene
rr1=0.999270 rr2=0.998540
MeanRF:2.67 RFSD:0.12 RFRSD:4.43
CurveType:Mean Response Factor
WeightedRegression:None
Function:2.674837*x



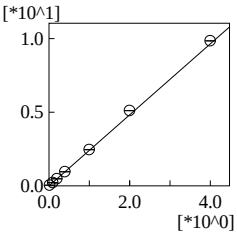
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.05
2	0.100	0.27
3	0.200	0.55
4	0.400	1.07
5	1.000	2.71
6	2.000	5.68
7	4.000	10.53

ID#:85 Mass:146.00 Name:1,4-Dichlorobenzene
rr1=0.999877 rr2=0.999754
MeanRF:1.34 RFSD:0.05 RFRSD:4.01
CurveType:Mean Response Factor
WeightedRegression:None
Function:1.342612*x



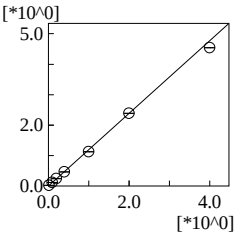
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.03
2	0.100	0.14
3	0.200	0.28
4	0.400	0.53
5	1.000	1.27
6	2.000	2.67
7	4.000	5.19

ID#:86 Mass:91.00 Name:n-Butylbenzene
rr1=0.999831 rr2=0.999663
MeanRF:2.41 RFSD:0.12 RFRSD:5.09
CurveType:Mean Response Factor
WeightedRegression:None
Function:2.410607*x



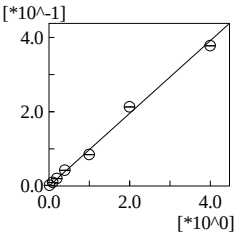
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.04
2	0.100	0.23
3	0.200	0.49
4	0.400	0.97
5	1.000	2.47
6	2.000	5.10
7	4.000	9.85

ID#:87 Mass:146.00 Name:1,2-Dichlorobenzene
rr1=0.999662 rr2=0.999324
MeanRF:1.19 RFSD:0.05 RFRSD:4.60
CurveType:Mean Response Factor
WeightedRegression:None
Function:1.191241*x



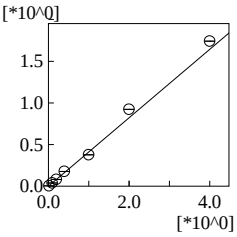
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.03
2	0.100	0.12
3	0.200	0.25
4	0.400	0.47
5	1.000	1.13
6	2.000	2.39
7	4.000	4.54

ID#:88 Mass:75.00 Name:1,2-Dibromo-3-chloropropane
rr1=0.997424 rr2=0.994854
MeanRF:0.10 RFSD:0.01 RFRSD:8.22
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.097673*x



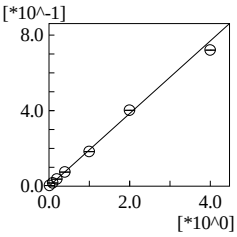
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.00
2	0.100	0.01
3	0.200	0.02
4	0.400	0.04
5	1.000	0.09
6	2.000	0.21
7	4.000	0.38

ID#:89 Mass:180.00 Name:1,2,4-Trichlorobenzene
rr1=0.998894 rr2=0.997789
MeanRF:0.41 RFSD:0.04 RFRSD:9.94
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.409847*x



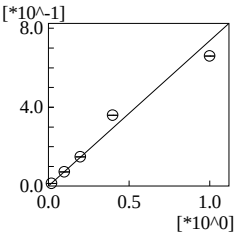
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.04
3	0.200	0.08
4	0.400	0.18
5	1.000	0.38
6	2.000	0.92
7	4.000	1.74

ID#:90 Mass:225.00 Name:Hexachlorobutadiene
rr1=0.998531 rr2=0.997063
MeanRF:0.19 RFSD:0.01 RFRSD:6.83
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.192068*x



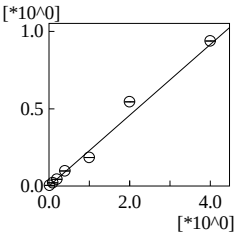
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.00
2	0.100	0.02
3	0.200	0.04
4	0.400	0.08
5	1.000	0.18
6	2.000	0.40
7	4.000	0.72

ID#:91 Mass:128.00 Name:Naphthalene
rr1=0.987732 rr2=0.975615
MeanRF:0.74 RFSD:0.10 RFRSD:13.62
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.736099*x



#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.01
2	0.100	0.07
3	0.200	0.15
4	0.400	0.36
5	1.000	0.66

ID#:92 Mass:180.00 Name:1,2,3-Trichlorobenzene
rr1=0.994799 rr2=0.989624
MeanRF:0.23 RFSD:0.03 RFRSD:11.81
CurveType:Mean Response Factor
WeightedRegression:None
Function:0.228441*x



#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.020	0.00
2	0.100	0.02
3	0.200	0.05
4	0.400	0.10
5	1.000	0.19
6	2.000	0.55
7	4.000	0.94

Advanced Environmental Laboratories, Inc.

Initial Calibration Verification Summary Report

FORM 6B

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Calibration Date/Time: 11/22/2022 21:14 **Lab File ID:** 221122N024.qgd

Instrument ID: J1N **Lab Sample ID:** ICV2

Parameter	Spike Added	ICV Result	ICV %D	QC Limits Q	QC Limits % D
1,2-Dichloroethane	20.0	18.8	5.9		20
Benzene	20.0	19.5	2.7		20
Ethylbenzene	20.0	19.3	3.4		20
Methyl tert-butyl Ether (MTBE)	20.0	18.8	6.2		20
Methylene Chloride	20.0	18.1	9.5		20
Trichloroethene	20.0	19.6	1.8		20
1,2-Dichloroethane-d4	50.0	48.7	2.7		20
Bromofluorobenzene	50.0	48.9	2.1		20
Toluene-d8	50.0	49.5	1.1		20

Advanced Environmental Laboratories, Inc.

Continuing Calibration Verification Summary Report
FORM 7
SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Lab Sample ID: CCV

Lab File ID: 230130N003.qgd

Calibration Date/Time: 1/30/2023 07:24 **Instrument ID:** J1N

Parameter	Spike Added	CCV Result	CCV %D	QC Limits Q	QC Limits % D
1,2-Dichloroethane	20.0	16.4	18		20
Benzene	20.0	17.2	14		20
Ethylbenzene	20.0	17.6	12		20
Methyl tert-butyl Ether (MTBE)	20.0	17.1	14		20
Methylene Chloride	20.0	17.1	15		20
Trichloroethene	20.0	16.2	19		20
1,2-Dichloroethane-d4	50.0	49.7	0.60		20
Bromofluorobenzene	50.0	52.4	4.7		20
Toluene-d8	50.0	50.8	1.7		20

Advanced Environmental Laboratories, Inc.

Continuing Calibration Verification Summary Report
FORM 7
SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Lab Sample ID: ENDCCV

Lab File ID: 230130N027.qgd

Calibration Date/Time: 1/30/2023 17:03 **Instrument ID:** J1N

Parameter	Spike Added	CCV Result	CCV %D	QC Limits Q	QC Limits % D
1,2-Dichloroethane	20.0	18.6	7.2		50
Benzene	20.0	18.5	7.4		50
Ethylbenzene	20.0	19.2	4.1		50
Methyl tert-butyl Ether (MTBE)	20.0	18.6	6.8		50
Methylene Chloride	20.0	18.4	8.0		50
Trichloroethene	20.0	17.7	12		50
1,2-Dichloroethane-d4	50.0	51.8	3.5		50
Bromofluorobenzene	50.0	51.7	3.3		50
Toluene-d8	50.0	50.4	0.90		50

Advanced Environmental Laboratories, Inc.

FORM 8

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Run Number	**221122N-8260-DOD-0**
Method	**SW-846 8260C**
Instrument ID	**J1N**

Seq	Sample ID	Analysis Date	Time	DF	Matrix	Data File
1	IB	11/22/2022	11:34	1	WATER	221122N002.qgd
2	TUNE	11/22/2022	11:34	1	WATER	221122N002.qgd
5	ICAL1	11/22/2022	13:22	1	WATER	221122N005.qgd
9	ICAL2	11/22/2022	14:58	1	WATER	221122N009.qgd
11	ICAL3	11/22/2022	15:22	1	WATER	221122N010.qgd
13	ICAL4	11/22/2022	15:46	1	WATER	221122N011.qgd
14	ICAL5	11/22/2022	16:10	1	WATER	221122N012.qgd
15	ICAL6	11/22/2022	16:34	1	WATER	221122N013.qgd
16	ICAL7	11/22/2022	16:58	1	WATER	221122N014.qgd
18	ICV2	11/22/2022	21:14	1	WATER	221122N024.qgd

Advanced Environmental Laboratories, Inc.

FORM 8

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Run Number	**230130N-8260-DOD-1**
Method	**SW-846 8260C**
Instrument ID	**J1N**

Seq	Sample ID	Analysis Date	Time	DF	Matrix	Data File
1.	IB	1/30/2023	07:00	1	WATER	230130N002.qgd
1.	TUNE	1/30/2023	07:00	1	WATER	230130N002.qgd
1.	4646830	1/30/2023	07:00	1	WATER	230130N002.qgd
2.	CCV	1/30/2023	07:24	1	WATER	230130N003.qgd
2.	4646831	1/30/2023	07:24	1	WATER	230130N003.qgd
12.	J2301357007	1/30/2023	11:49	1	WATER	230130N014.qgd
13.	J2301357001	1/30/2023	12:13	1	WATER	230130N015.qgd
14.	J2301357002	1/30/2023	12:37	1	WATER	230130N016.qgd
15.	J2301357003	1/30/2023	13:02	1	WATER	230130N017.qgd
16.	J2301357004	1/30/2023	13:26	1	WATER	230130N018.qgd
17.	J2301357005	1/30/2023	13:50	1	WATER	230130N019.qgd
18.	J2301357006	1/30/2023	14:14	1	WATER	230130N020.qgd
22.	4646832	1/30/2023	16:15	1	WATER	230130N025.qgd
23.	4646833	1/30/2023	16:39	1	WATER	230130N026.qgd
24.	ENDCCV	1/30/2023	17:03	1	WATER	230130N027.qgd

Volatiles Organics Solids Section

Result Summary Reports

Advanced Environmental Laboratories, Inc.

Volatile Analysis Results

FORM 1

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357008**		**Client ID:**	**143-RSPZ5-SO-AEB3050-REG**
			File ID:	**230131A053.qgd**
Date Collected:	**1/23/2023**	**14:15**		
Date Analyzed:	**2/1/2023**	**06:21**	**Matrix:**	**SOIL**
Date Prepared:	**1/31/2023**	**21:52**	**Instrument ID:**	**J1A**
Dilution:	**1**		**Analytical Run ID:**	**230131A-8260-SOIL-DOD-**
Sample Wt/Vol:	**5.75**	**g**	**% Moisture:**	**17.8**
Final Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5858**
Prep Method:	**SW-846 5035**		**Lims Analytical Batch:**	**5859**

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
Benzene	71-43-2	**0.0016**	U	0.00079	0.0016	0.0032	mg/Kg
MTBE	1634-04-4	**0.0016**	U	0.00079	0.0016	0.0032	mg/Kg

** This analyte is reported as not certified. The LOQ listed on the report is the low point of the calibration curve. The MDL and LOD values are set to the LOQ at this time.

Volatile Analysis Results

FORM 1

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357009**		**Client ID:**	**143-RSPZ5-SO-AEB3051-REG**	
			File ID:	**230131A054.qgd**	
Date Collected:	**1/23/2023**	**16:00**			
Date Analyzed:	**2/1/2023**	**06:46**	**Matrix:**	**SOIL**	
Date Prepared:	**1/31/2023**	**21:52**	**Instrument ID:**	**J1A**	
Dilution:	**1**		**Analytical Run ID:**	**230131A-8260-SOIL-DOD-**	
Sample Wt/Vol:	**6.08**	**g**	**% Moisture:**	**15.4**	
Final Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5858**	
Prep Method:	**SW-846 5035**		**Lims Analytical Batch:**	**5859**	

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
Benzene	71-43-2	**0.0015**	U	0.00073	0.0015	0.0029	mg/Kg
MTBE	1634-04-4	**0.0015**	U	0.00073	0.0015	0.0029	mg/Kg

** This analyte is reported as not certified. The LOQ listed on the report is the low point of the calibration curve. The MDL and LOD values are set to the LOQ at this time.

Advanced Environmental Laboratories, Inc.

Volatile Analysis Results

FORM 1

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357010**		**Client ID:**	**143-RSPZ3-SO-AEB3046-REG**
			File ID:	**230201A044.qgd**
Date Collected:	**1/24/2023**	**08:30**		
Date Analyzed:	**2/2/2023**	**04:35**	**Matrix:**	**SOIL**
Date Prepared:	**2/1/2023**	**23:29**	**Instrument ID:**	**J1A**
Dilution:	**1**		**Analytical Run ID:**	**230201A-8260-SOIL-DOD-**
Sample Wt/Vol:	**7.73**	**g**	**% Moisture:**	**16.1**
Final Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5873**
Prep Method:	**SW-846 5035**		**Lims Analytical Batch:**	**5874**

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
Benzene	71-43-2	**0.0012**	U	0.00058	0.0012	0.0023	mg/Kg
MTBE	1634-04-4	**0.0012**	U	0.00058	0.0012	0.0023	mg/Kg

** This analyte is reported as not certified. The LOQ listed on the report is the low point of the calibration curve. The MDL and LOD values are set to the LOQ at this time.

Volatile Analysis Results

FORM 1

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357011**		**Client ID:**	**143-RSPZ3-SO-AEB3047-REG**	
			File ID:	**230201A045.qgd**	
Date Collected:	**1/24/2023**	**09:00**			
Date Analyzed:	**2/2/2023**	**05:00**	**Matrix:**	**SOIL**	
Date Prepared:	**2/1/2023**	**23:29**	**Instrument ID:**	**J1A**	
Dilution:	**1**		**Analytical Run ID:**	**230201A-8260-SOIL-DOD-**	
Sample Wt/Vol:	**4.72**	**g**	**% Moisture:**	**24.9**	
Final Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5873**	
Prep Method:	**SW-846 5035**		**Lims Analytical Batch:**	**5874**	

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
Benzene	71-43-2	**0.0021**	U	0.0011	0.0021	0.0042	mg/Kg
MTBE	1634-04-4	**0.0021**	U	0.0011	0.0021	0.0042	mg/Kg

** This analyte is reported as not certified. The LOQ listed on the report is the low point of the calibration curve. The MDL and LOD values are set to the LOQ at this time.

Advanced Environmental Laboratories, Inc.

Volatile Analysis Results

FORM 1

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357012**		**Client ID:**	**143-RSPZ2-SO-AEB3044-REG**
			File ID:	**230201A046.qgd**
Date Collected:	**1/24/2023**	**10:20**		
Date Analyzed:	**2/2/2023**	**05:26**	**Matrix:**	**SOIL**
Date Prepared:	**2/1/2023**	**23:29**	**Instrument ID:**	**J1A**
Dilution:	**1**		**Analytical Run ID:**	**230201A-8260-SOIL-DOD-**
Sample Wt/Vol:	**5.49**	**g**	**% Moisture:**	**17.5**
Final Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5873**
Prep Method:	**SW-846 5035**		**Lims Analytical Batch:**	**5874**

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
Benzene	71-43-2	**0.0017**	U	0.00083	0.0017	0.0033	mg/Kg
MTBE	1634-04-4	**0.0017**	U	0.00083	0.0017	0.0033	mg/Kg

** This analyte is reported as not certified. The LOQ listed on the report is the low point of the calibration curve. The MDL and LOD values are set to the LOQ at this time.

Advanced Environmental Laboratories, Inc.

Volatile Analysis Results

FORM 1

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357013**		**Client ID:**	**143-RSPZ2-SO-AEB3045-REG**
			File ID:	**230201A047.qgd**
Date Collected:	**1/24/2023**	**11:15**		
Date Analyzed:	**2/2/2023**	**05:51**	**Matrix:**	**SOIL**
Date Prepared:	**2/1/2023**	**23:29**	**Instrument ID:**	**J1A**
Dilution:	**1**		**Analytical Run ID:**	**230201A-8260-SOIL-DOD-**
Sample Wt/Vol:	**5.69**	**g**	**% Moisture:**	**21.4**
Final Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5873**
Prep Method:	**SW-846 5035**		**Lims Analytical Batch:**	**5874**

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
Benzene	71-43-2	**0.0017**	U	0.00084	0.0017	0.0034	mg/Kg
MTBE	1634-04-4	**0.0017**	U	0.00084	0.0017	0.0034	mg/Kg

** This analyte is reported as not certified. The LOQ listed on the report is the low point of the calibration curve. The MDL and LOD values are set to the LOQ at this time.

Advanced Environmental Laboratories, Inc.

Volatile Analysis Results

FORM 1

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357014**		**Client ID:**	**143-RSPZ4-SO-AEB3048-REG**
			File ID:	**230201A048.qgd**
Date Collected:	**1/24/2023**	**13:30**		
Date Analyzed:	**2/2/2023**	**06:17**	**Matrix:**	**SOIL**
Date Prepared:	**2/1/2023**	**23:29**	**Instrument ID:**	**J1A**
Dilution:	**1**		**Analytical Run ID:**	**230201A-8260-SOIL-DOD-**
Sample Wt/Vol:	**5.35**	**g**	**% Moisture:**	**17.3**
Final Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5873**
Prep Method:	**SW-846 5035**		**Lims Analytical Batch:**	**5874**

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
Benzene	71-43-2	**0.0017**	U	0.00085	0.0017	0.0034	mg/Kg
MTBE	1634-04-4	**0.0017**	U	0.00085	0.0017	0.0034	mg/Kg

** This analyte is reported as not certified. The LOQ listed on the report is the low point of the calibration curve. The MDL and LOD values are set to the LOQ at this time.

Advanced Environmental Laboratories, Inc.

Volatile Analysis Results

FORM 1

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357015**		**Client ID:**	**143-RSPZ4-SO-AEB3049-REG**	
			File ID:	**230201A049.qgd**	
Date Collected:	**1/24/2023**	**14:10**			
Date Analyzed:	**2/2/2023**	**06:42**	**Matrix:**	**SOIL**	
Date Prepared:	**2/1/2023**	**23:29**	**Instrument ID:**	**J1A**	
Dilution:	**1**		**Analytical Run ID:**	**230201A-8260-SOIL-DOD-**	
Sample Wt/Vol:	**4.65**	**g**	**% Moisture:**	**24.7**	
Final Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5873**	
Prep Method:	**SW-846 5035**		**Lims Analytical Batch:**	**5874**	

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
Benzene	71-43-2	**0.0021**	U	0.0011	0.0021	0.0043	mg/Kg
MTBE	1634-04-4	**0.0021**	U	0.0011	0.0021	0.0043	mg/Kg

** This analyte is reported as not certified. The LOQ listed on the report is the low point of the calibration curve. The MDL and LOD values are set to the LOQ at this time.

Advanced Environmental Laboratories, Inc.

Volatile Analysis Results

FORM 1

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357016**		**Client ID:**	**143-RSPZ1-SO-AEB3041-REG**	
			File ID:	**230131A055.qgd**	
Date Collected:	**1/24/2023**	**15:30**			
Date Analyzed:	**2/1/2023**	**07:12**	**Matrix:**	**SOIL**	
Date Prepared:	**1/31/2023**	**21:52**	**Instrument ID:**	**J1A**	
Dilution:	**1**		**Analytical Run ID:**	**230131A-8260-SOIL-DOD-**	
Sample Wt/Vol:	**4.75**	**g**	**% Moisture:**	**17.4**	
Final Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5858**	
Prep Method:	**SW-846 5035**		**Lims Analytical Batch:**	**5859**	

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
Benzene	71-43-2	**0.0019**	U,J	0.00096	0.0019	0.0038	mg/Kg
MTBE	1634-04-4	**0.0019**	U,J	0.00096	0.0019	0.0038	mg/Kg

** This analyte is reported as not certified. The LOQ listed on the report is the low point of the calibration curve. The MDL and LOD values are set to the LOQ at this time.

Advanced Environmental Laboratories, Inc.

Volatile Analysis Results

FORM 1

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357017**		**Client ID:**	**143-RSPZ1-SO-AEB3042-REG**
			File ID:	**230201A050.qgd**
Date Collected:	**1/25/2023**	**08:30**		
Date Analyzed:	**2/2/2023**	**07:07**	**Matrix:**	**SOIL**
Date Prepared:	**2/1/2023**	**23:29**	**Instrument ID:**	**J1A**
Dilution:	**1**		**Analytical Run ID:**	**230201A-8260-SOIL-DOD-**
Sample Wt/Vol:	**5.99**	**g**	**% Moisture:**	**26.0**
Final Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5873**
Prep Method:	**SW-846 5035**		**Lims Analytical Batch:**	**5874**

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
Benzene	71-43-2	**0.0017**	U	0.00085	0.0017	0.0034	mg/Kg
MTBE	1634-04-4	**0.0017**	U	0.00085	0.0017	0.0034	mg/Kg

** This analyte is reported as not certified. The LOQ listed on the report is the low point of the calibration curve. The MDL and LOD values are set to the LOQ at this time.

Volatile Analysis Results

FORM 1

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357018**		**Client ID:**	**143-RSPZ1-SO-AEB3043-REG**	
			File ID:	**230201A051.qgd**	
Date Collected:	**1/25/2023**	**08:30**			
Date Analyzed:	**2/2/2023**	**07:33**	**Matrix:**	**SOIL**	
Date Prepared:	**2/1/2023**	**23:29**	**Instrument ID:**	**J1A**	
Dilution:	**1**		**Analytical Run ID:**	**230201A-8260-SOIL-DOD-**	
Sample Wt/Vol:	**4.68**	**g**	**% Moisture:**	**26.6**	
Final Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5873**	
Prep Method:	**SW-846 5035**		**Lims Analytical Batch:**	**5874**	

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
Benzene	71-43-2	**0.0022**	U	0.0011	0.0022	0.0044	mg/Kg
MTBE	1634-04-4	**0.0022**	U	0.0011	0.0022	0.0044	mg/Kg

** This analyte is reported as not certified. The LOQ listed on the report is the low point of the calibration curve. The MDL and LOD values are set to the LOQ at this time.

Volatile Analysis Results

FORM 1

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**4647692**		**Client ID:**	**MB for HBN 152436 [MSVj/5858]**
Date Collected:			**File ID:**	**230131A033.qgd**
Date Analyzed:	**1/31/2023**	**21:52**	**Matrix:**	**SOIL**
Date Prepared:	**1/31/2023**	**21:52**	**Instrument ID:**	**J1A**
Dilution:	**1**		**Analytical Run ID:**	**230131A-8260-SOIL-DOD-**
Sample Wt/Vol:	**5.00**	**g**	**% Moisture:**	**0.0**
Final Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5858**
Prep Method:	**SW-846 5035**		**Lims Analytical Batch:**	**5859**

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
Benzene	71-43-2	**0.00150**	U	0.000750	0.00150	0.00300	mg/Kg
MTBE	1634-04-4	**0.00150**	U	0.000750	0.00150	0.00300	mg/Kg

** This analyte is reported as not certified. The LOQ listed on the report is the low point of the calibration curve. The MDL and LOD values are set to the LOQ at this time.

Volatile Analysis Results

FORM 1

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**4649799**		**Client ID:**	**MB for HBN 152769 [MSVj/5873]**
Date Collected:			**File ID:**	**230201A032.qgd**
Date Analyzed:	**2/1/2023**	**23:29**	**Matrix:**	**SOIL**
Date Prepared:	**2/1/2023**	**23:29**	**Instrument ID:**	**J1A**
Dilution:	**1**		**Analytical Run ID:**	**230201A-8260-SOIL-DOD-**
Sample Wt/Vol:	**5.00**	**g**	**% Moisture:**	**0.0**
Final Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5873**
Prep Method:	**SW-846 5035**		**Lims Analytical Batch:**	**5874**

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
Benzene	71-43-2	**0.00150**	U	0.000750	0.00150	0.00300	mg/Kg
MTBE	1634-04-4	**0.00150**	U	0.000750	0.00150	0.00300	mg/Kg

** This analyte is reported as not certified. The LOQ listed on the report is the low point of the calibration curve. The MDL and LOD values are set to the LOQ at this time.

QC Summary Reports

VOLATILE ORGANICS
SURROGATE PERCENT RECOVERY SUMMARY
FORM 2A

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Lab Sample ID	Client Sample ID	Matrix	Parameter	Dil	Rec	Q	Limits
4647692	MB for HBN 152436 [MSVi/5858]	SOIL	1,2-Dichloroethane-d4	1	100		71 - 136
		SOIL	Toluene-d8	1	91.8		85 - 116
		SOIL	Bromofluorobenzene	1	111		79 - 119
4647693	LCS for HBN 152436 [MSVi/5858]	SOIL	1,2-Dichloroethane-d4	1	105		71 - 136
		SOIL	Toluene-d8	1	96.0		85 - 116
		SOIL	Bromofluorobenzene	1	105		79 - 119
J2301357008	143-RSPZ5-SO-AEB3050-REG	SOIL	1,2-Dichloroethane-d4	1	117		71 - 136
		SOIL	Toluene-d8	1	101		85 - 116
		SOIL	Bromofluorobenzene	1	121	Q	79 - 119
J2301357009	143-RSPZ5-SO-AEB3051-REG	SOIL	1,2-Dichloroethane-d4	1	118		71 - 136
		SOIL	Toluene-d8	1	101		85 - 116
		SOIL	Bromofluorobenzene	1	122	Q	79 - 119
J2301357016	143-RSPZ1-SO-AEB3041-REG	SOIL	1,2-Dichloroethane-d4	1	120		71 - 136
		SOIL	Toluene-d8	1	102		85 - 116
		SOIL	Bromofluorobenzene	1	121	Q	79 - 119
4647694	143-RSPZ1-SO-AEB3041-REGMS	SOIL	1,2-Dichloroethane-d4	1	114		71 - 136
		SOIL	Toluene-d8	1	104		85 - 116
		SOIL	Bromofluorobenzene	1	112		79 - 119
4647695	143-RSPZ1-SO-AEB3041-REGMS	SOIL	1,2-Dichloroethane-d4	1	120		71 - 136
		SOIL	Toluene-d8	1	102		85 - 116
		SOIL	Bromofluorobenzene	1	115		79 - 119
4649799	MB for HBN 152769 [MSVi/5873]	SOIL	1,2-Dichloroethane-d4	1	109		71 - 136
		SOIL	Toluene-d8	1	93.9		85 - 116
		SOIL	Bromofluorobenzene	1	117		79 - 119
4649800	LCS for HBN 152769 [MSVi/5873]	SOIL	1,2-Dichloroethane-d4	1	100		71 - 136
		SOIL	Toluene-d8	1	98.9		85 - 116
		SOIL	Bromofluorobenzene	1	105		79 - 119
J2301357010	143-RSPZ3-SO-AEB3046-REG	SOIL	1,2-Dichloroethane-d4	1	120		71 - 136
		SOIL	Toluene-d8	1	100.0		85 - 116
		SOIL	Bromofluorobenzene	1	123	Q	79 - 119
J2301357011	143-RSPZ3-SO-AEB3047-REG	SOIL	1,2-Dichloroethane-d4	1	119		71 - 136
		SOIL	Toluene-d8	1	102		85 - 116
		SOIL	Bromofluorobenzene	1	121	Q	79 - 119
J2301357012	143-RSPZ2-SO-AEB3044-REG	SOIL	1,2-Dichloroethane-d4	1	121		71 - 136
		SOIL	Toluene-d8	1	101		85 - 116

VOLATILE ORGANICS
SURROGATE PERCENT RECOVERY SUMMARY
FORM 2A

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Lab Sample ID	Client Sample ID	Matrix	Parameter	Dil	Rec	Q	Limits
J2301357012	143-RSPZ2-SO-AEB3044-REG	SOIL	Bromofluorobenzene	1	122	Q	79 - 119
J2301357013	143-RSPZ2-SO-AEB3045-REG	SOIL	1,2-Dichloroethane-d4	1	120		71 - 136
		SOIL	Toluene-d8	1	101		85 - 116
		SOIL	Bromofluorobenzene	1	121	Q	79 - 119
J2301357014	143-RSPZ4-SO-AEB3048-REG	SOIL	1,2-Dichloroethane-d4	1	121		71 - 136
		SOIL	Toluene-d8	1	103		85 - 116
		SOIL	Bromofluorobenzene	1	117		79 - 119
J2301357015	143-RSPZ4-SO-AEB3049-REG	SOIL	1,2-Dichloroethane-d4	1	121		71 - 136
		SOIL	Toluene-d8	1	100		85 - 116
		SOIL	Bromofluorobenzene	1	125	Q	79 - 119
J2301357017	143-RSPZ1-SO-AEB3042-REG	SOIL	1,2-Dichloroethane-d4	1	119		71 - 136
		SOIL	Toluene-d8	1	103		85 - 116
		SOIL	Bromofluorobenzene	1	126	Q	79 - 119
J2301357018	143-RSPZ1-SO-AEB3043-REG	SOIL	1,2-Dichloroethane-d4	1	121		71 - 136
		SOIL	Toluene-d8	1	103		85 - 116
		SOIL	Bromofluorobenzene	1	125	Q	79 - 119
4649802	143-RSPZ1-SO-AEB3043-REGMS	SOIL	1,2-Dichloroethane-d4	1	110		71 - 136
		SOIL	Toluene-d8	1	102		85 - 116
		SOIL	Bromofluorobenzene	1	107		79 - 119
4649801	LCSD for HBN 152769 [MSVi/5873	SOIL	1,2-Dichloroethane-d4	1	110		71 - 136
		SOIL	Toluene-d8	1	104		85 - 116
		SOIL	Bromofluorobenzene	1	107		79 - 119

Advanced Environmental Laboratories, Inc.

VOLATILE ORGANICS

INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

FORM 2B

SDG No.: J2301357
Client: Environmental Chemical Corporation (ECC)

Date Analyzed: **11/17/2022 15:22** **Instrument ID:** **J1A**
Lab File ID: **221117A014.qgd**

	IS1 AREA #	RT#	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	258597	4.630	241542	7.028	186412	9.258
UPPER LIMIT	517194	5.130	483084	7.528	372824	9.758
LOWER LIMIT	129299	4.130	120771	6.528	93206	8.758
LAB SAMPLE ID						

IS1 = 1,4-Difluorobenzene (IS)
IS2 = Chlorobenzene-d5 (IS)
IS3 = 1,4-Dichlorobenzene-d4 (IS)

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Advanced Environmental Laboratories, Inc.

VOLATILE ORGANICS

INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

FORM 2B

SDG No.: J2301357
Client: Environmental Chemical Corporation (ECC)

Date Analyzed: **1/31/2023 22:43** **Instrument ID:** **J1A**
Lab File ID: **230131A035.qgd**

	IS1 AREA #	RT#	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	229141	4.630	224076	7.027	167378	9.258
UPPER LIMIT	458282	5.130	448152	7.527	334756	9.758
LOWER LIMIT	114571	4.130	112038	6.527	83689	8.758
LAB SAMPLE ID						
MB for HBN 152436 [MSVi/5858]	229215	4.631	236436	7.029	159676	9.259
LCS for HBN 152436 [MSVi/5858]	229141	4.630	224076	7.027	167378	9.258
143-RSPZ5-SO-AEB3050-REG	226029	4.632	233998	7.029	161608	9.260
143-RSPZ5-SO-AEB3051-REG	234359	4.630	239075	7.028	165243	9.259
143-RSPZ1-SO-AEB3041-REG	208343	4.630	225453	7.027	150664	9.258
143-RSPZ1-SO-AEB...(4642163MS)	249901	4.629	243393	7.026	184461	9.257
143-RSPZ1-SO-AE...(4642163MSD)	237733	4.629	238130	7.026	183160	9.257

IS1 = 1,4-Difluorobenzene (IS)
IS2 = Chlorobenzene-d5 (IS)
IS3 = 1,4-Dichlorobenzene-d4 (IS)

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Advanced Environmental Laboratories, Inc.

VOLATILE ORGANICS

INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

FORM 2B

SDG No.: J2301357
Client: Environmental Chemical Corporation (ECC)

Date Analyzed: **2/1/2023 08:28** **Instrument ID:** **J1A**
Lab File ID: **230131A058.qgd**

	IS1 AREA #	RT#	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	247840	4.629	235032	7.025	180902	9.257
UPPER LIMIT	495680	5.129	470064	7.525	361804	9.757
LOWER LIMIT	123920	4.129	117516	6.525	90451	8.757
LAB SAMPLE ID						

IS1 = 1,4-Difluorobenzene (IS)
IS2 = Chlorobenzene-d5 (IS)
IS3 = 1,4-Dichlorobenzene-d4 (IS)

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Advanced Environmental Laboratories, Inc.

VOLATILE ORGANICS

INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

FORM 2B

SDG No.: J2301357
Client: Environmental Chemical Corporation (ECC)

Date Analyzed: **2/2/2023 00:20** **Instrument ID:** **J1A**
Lab File ID: **230201A034.qgd**

	IS1 AREA #	RT#	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	245163	4.629	234789	7.026	176986	9.257
UPPER LIMIT	490326	5.129	469578	7.526	353972	9.757
LOWER LIMIT	122582	4.129	117395	6.526	88493	8.757
LAB SAMPLE ID						
LCS for HBN 152769 [MSVi/5873]	245163	4.629	234789	7.026	176986	9.257
143-RSPZ3-SO-AEB3046-REG	249862	4.631	259594	7.029	179089	9.260
143-RSPZ3-SO-AEB3047-REG	229110	4.632	238818	7.029	167722	9.261
143-RSPZ2-SO-AEB3044-REG	245642	4.633	249931	7.031	168925	9.261
143-RSPZ2-SO-AEB3045-REG	236412	4.632	246612	7.030	170311	9.261
143-RSPZ4-SO-AEB3048-REG	231420	4.632	238438	7.029	170457	9.259
143-RSPZ4-SO-AEB3049-REG	221638	4.631	232385	7.028	157933	9.260
143-RSPZ1-SO-AEB3042-REG	234108	4.632	239940	7.029	161675	9.260
143-RSPZ1-SO-AEB3043-REG	235747	4.631	243151	7.028	166084	9.259
143-RSPZ1-SO-AEB...(4642165MS)	272033	4.630	261715	7.027	204277	9.257
LCSD for HBN 152769 [MSVi/5873	269527	4.629	258897	7.026	204343	9.257

IS1 = 1,4-Difluorobenzene (IS)
IS2 = Chlorobenzene-d5 (IS)
IS3 = 1,4-Dichlorobenzene-d4 (IS)

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Advanced Environmental Laboratories, Inc.

VOLATILE ORGANICS

INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

FORM 2B

SDG No.: J2301357
Client: Environmental Chemical Corporation (ECC)

Date Analyzed: **2/2/2023 10:06** **Instrument ID:** **J1A**
Lab File ID: **230201A057.qgd**

	IS1 AREA #	RT#	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	269527	4.629	258897	7.026	204343	9.257
UPPER LIMIT	539054	5.129	517794	7.526	408686	9.757
LOWER LIMIT	134764	4.129	129449	6.526	102172	8.757
LAB SAMPLE ID						

IS1 = 1,4-Difluorobenzene (IS)
IS2 = Chlorobenzene-d5 (IS)
IS3 = 1,4-Dichlorobenzene-d4 (IS)

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Advanced Environmental Laboratories, Inc.

VOLATILE ORGANICS

MATRIX SPIKE REPORT

FORM 3A

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

MS Sample ID:	4647694	**Matrix:**	SOIL
Client Sample ID:	143-RSPZ1-SO-AEB3041-REG	**Parent Wgt/Vol:**	4.8 g
Date Prepared:	1/31/2023 21:52	**MS Wgt/Vol:**	4.8 g
Parent Analyzed:	2/1/2023 07:12	**Parent Final Volume:**	5000 uL
MS Analyzed:	2/1/2023 07:37	**MS Final Volume:**	5000 uL
Parent File ID:	230131A055.qgd	**% Moisture:**	17.37
MS Data File:	230131A056.qgd	**Dilution Factor:**	1.0
Lims Analytical Batch:	5859	**Lims Prep Batch:**	5858
Prep Method:	SW-846 5035	**Units:**	mg/Kg

Parameter	Conc Added	Sample Result	Q	Conc MS	Q	%Rec MS	Q	QC Limits Recovery
Benzene	0.0254	0.00191	U	0.0218		85.8		77 - 121
MTBE	0.0254	0.00191	U	0.0209		82.2		73 - 125

NC = Not Calculable - the spike concentration added has been diluted below the LOQ

Advanced Environmental Laboratories, Inc.

VOLATILE ORGANICS

MATRIX SPIKE/MATRIX SPIKE DUPLICATE REPORT

FORM 3A

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

MSD Sample ID:	4647695	**Matrix:**	SOIL
Client Sample ID:	143-RSPZ1-SO-AEB3041-REG	**Parent Wgt/Vol:**	4.8 g
Date Prepared:	1/31/2023 21:52	**MSD Wgt/Vol:**	4.8 g
Parent Analyzed:	2/1/2023 07:12	**Parent Final Volume:**	5000 uL
MSD Analyzed:	2/1/2023 08:03	**MSD Final Volume:**	5000 uL
Dilution MSD:	1.0	**% Moisture:**	17.37
Parent File ID:	230131A055.qgd	**Lims Analytical Batch:**	5859
MSD File ID:	230131A057.qgd	**Lims Prep Batch:**	5858

Prep Method: SW-846 5035 **Units:** mg/Kg

	Conc			Results		%Rec				QC Limits	
Parameter	**Added**	**Sample**	**Q**	**MSD**	**Q**	**MSD**	**Q**	**RPD**	**Q**	**Recovery**	**RPD**
Benzene	0.0250	0.00191	U	0.0136		54.2	*	47	*	77 - 121	20
MTBE	0.0250	0.00191	U	0.0177		70.8	*	16		73 - 125	20

NC = Not Calculable - the spike concentration added has been diluted below the LOQ

Advanced Environmental Laboratories, Inc.

VOLATILE ORGANICS

MATRIX SPIKE REPORT

FORM 3A

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

MS Sample ID:	4649802		**Matrix:**	SOIL	
Client Sample ID:	143-RSPZ1-SO-AEB3043-REG		**Parent Wgt/Vol:**	4.7	g
Date Prepared:	2/1/2023	23:29	**MS Wgt/Vol:**	4.9	g
Parent Analyzed:	2/2/2023	07:33	**Parent Final Volume:**	5000	uL
MS Analyzed:	2/2/2023	09:40	**MS Final Volume:**	5000	uL
Parent File ID:	230201A051.qgd		**% Moisture:**	26.56	
MS Data File:	230201A056.qgd		**Dilution Factor:**	1.0	
Lims Analytical Batch:	5874		**Lims Prep Batch:**	5873	
Prep Method:	SW-846 5035		**Units:**	mg/Kg	

Parameter	Conc Added	Sample Result	Q	Conc MS	Q	%Rec MS	Q	QC Limits Recovery
Benzene	0.0280	0.00218	U	0.0262		93.9		77 - 121
MTBE	0.0280	0.00218	U	0.0237		84.8		73 - 125

NC = Not Calculable - the spike concentration added has been diluted below the LOQ

Advanced Environmental Laboratories, Inc.

VOLATILE ORGANICS

LABORATORY CONTROL SAMPLE REPORT

FORM 3C

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

LCS Sample ID:	4647693		**Matrix:**	SOIL	
Date Prepared:	1/31/2023	21:52	**LCS Wgt/Vol:**	5.00	g
Date Analyzed:	1/31/2023	22:43	**Final Volume:**	5000	uL
Dilution Factor:	1		**% Moisture:**	0.00	
LCS File ID:	230131A035.qgd		**Lims Analytical Batch:**	5859	
			Lims Prep Batch:	5858	
Prep Method:	SW-846 5035		**Units:**	mg/Kg	

Parameter	Conc Added	Results LCS	%Rec LCS	Q	QC Limits Recovery
Benzene	0.0200	0.0204	102		77 - 121
MTBE	0.0200	0.0198	99.2		73 - 125

Advanced Environmental Laboratories, Inc.

VOLATILE ORGANICS

LABORATORY CONTROL SAMPLE REPORT

FORM 3C

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

LCS Sample ID:	4649800		**Matrix:**	SOIL	
Date Prepared:	2/1/2023	23:29	**LCS Wgt/Vol:**	5.00	g
Date Analyzed:	2/2/2023	00:20	**Final Volume:**	5000	uL
Dilution Factor:	1		**% Moisture:**	0.00	
LCS File ID:	230201A034.qgd		**Lims Analytical Batch:**	5874	
			Lims Prep Batch:	5873	

Prep Method: SW-846 5035 **Units:** mg/Kg

Parameter	Conc Added	Results LCS	%Rec LCS	Q	QC Limits Recovery
Benzene	0.0200	0.0190	94.8		77 - 121
MTBE	0.0200	0.0193	96.5		73 - 125

Advanced Environmental Laboratories, Inc.

VOLATILE ORGANICS

LAB CONTROL SAMPLE/LAB CONTROL SAMPLE DUPLICATE REPORT

FORM 3C

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

LCSD Sample ID:	4649801		**Matrix:**	SOIL	
Date Prepared:	2/1/2023	23:29	**LCSD Wgt/Vol:**	5.00	g
LCSD Analyzed:	2/2/2023	10:06	**LCSD Final Volume:**	5000	uL
Dilution LCSD:	1.0		**% Moisture:**	0.00	
LCSD File ID:	230201A057.qgd		**Lims Analytical Batch:**	5874	
			Lims Prep Batch:	5873	
Prep Method:	SW-846 5035		**Units:**	mg/Kg	

Parameters	Conc Added	Results LCSD	%Rec LCSD	Q	RPD	Q	QC Limits Recovery	QC Limits RPD
Benzene	0.0200	0.0230	115		19		77 - 121	20
MTBE	0.0200	0.0237	118		20	Q	73 - 125	20

* = Values outside of QC Limits

Advanced Environmental Laboratories, Inc.

VOLATILE ORGANICS

METHOD BLANK SUMMARY

FORM 4A

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID: 4647692
Method Blank ID: MB for HBN 152436 [MSVj/5858]
Method Blank Lab File ID: 230131A033.qgd
Date/Time Analyzed: 1/31/2023 21:52
Matrix: SOIL
Instrument ID: J1A

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

Client ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
LCS for HBN 152436 [MSVj/5858]	4647693	230131A035.qgd	1/31/2023	22:43
143-RSPZ5-SO-AEB3050-REG	J2301357008	230131A053.qgd	2/1/2023	06:21
143-RSPZ5-SO-AEB3051-REG	J2301357009	230131A054.qgd	2/1/2023	06:46
143-RSPZ1-SO-AEB3041-REG	J2301357016	230131A055.qgd	2/1/2023	07:12
143-RSPZ1-SO-AEB...(4642163MS)	4647694	230131A056.qgd	2/1/2023	07:37
143-RSPZ1-SO-AE...(4642163MSD)	4647695	230131A057.qgd	2/1/2023	08:03

Advanced Environmental Laboratories, Inc.

VOLATILE ORGANICS

METHOD BLANK SUMMARY

FORM 4A

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID: 4649784
Method Blank Lab File ID: 230201A032.qgd
Matrix: SOIL

Method Blank ID: MB for HBN 152767 [MSVj/5871]
Date/Time Analyzed: 2/1/2023 23:29
Instrument ID: J1A

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

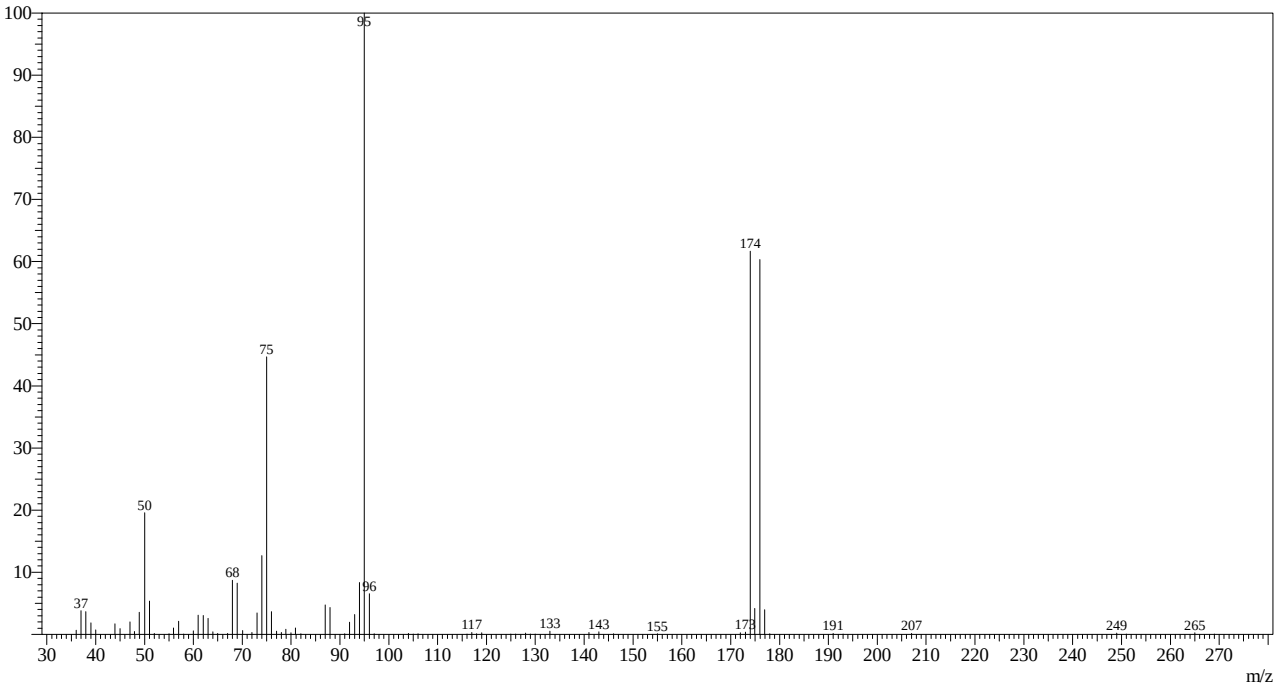
Client ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
LCS for HBN 152769 [MSVj/5873]	4649800	230201A034.qgd	2/2/2023	00:20
143-RSPZ3-SO-AEB3046-REG	J2301357010	230201A044.qgd	2/2/2023	04:35
143-RSPZ3-SO-AEB3047-REG	J2301357011	230201A045.qgd	2/2/2023	05:00
143-RSPZ2-SO-AEB3044-REG	J2301357012	230201A046.qgd	2/2/2023	05:26
143-RSPZ2-SO-AEB3045-REG	J2301357013	230201A047.qgd	2/2/2023	05:51
143-RSPZ4-SO-AEB3048-REG	J2301357014	230201A048.qgd	2/2/2023	06:17
143-RSPZ4-SO-AEB3049-REG	J2301357015	230201A049.qgd	2/2/2023	06:42
143-RSPZ1-SO-AEB3042-REG	J2301357017	230201A050.qgd	2/2/2023	07:07
143-RSPZ1-SO-AEB3043-REG	J2301357018	230201A051.qgd	2/2/2023	07:33
143-RSPZ1-SO-AEB...(4642165MS)	4649802	230201A056.qgd	2/2/2023	09:40
LCSD for HBN 152769 [MSVj/5873	4649801	230201A057.qgd	2/2/2023	10:06

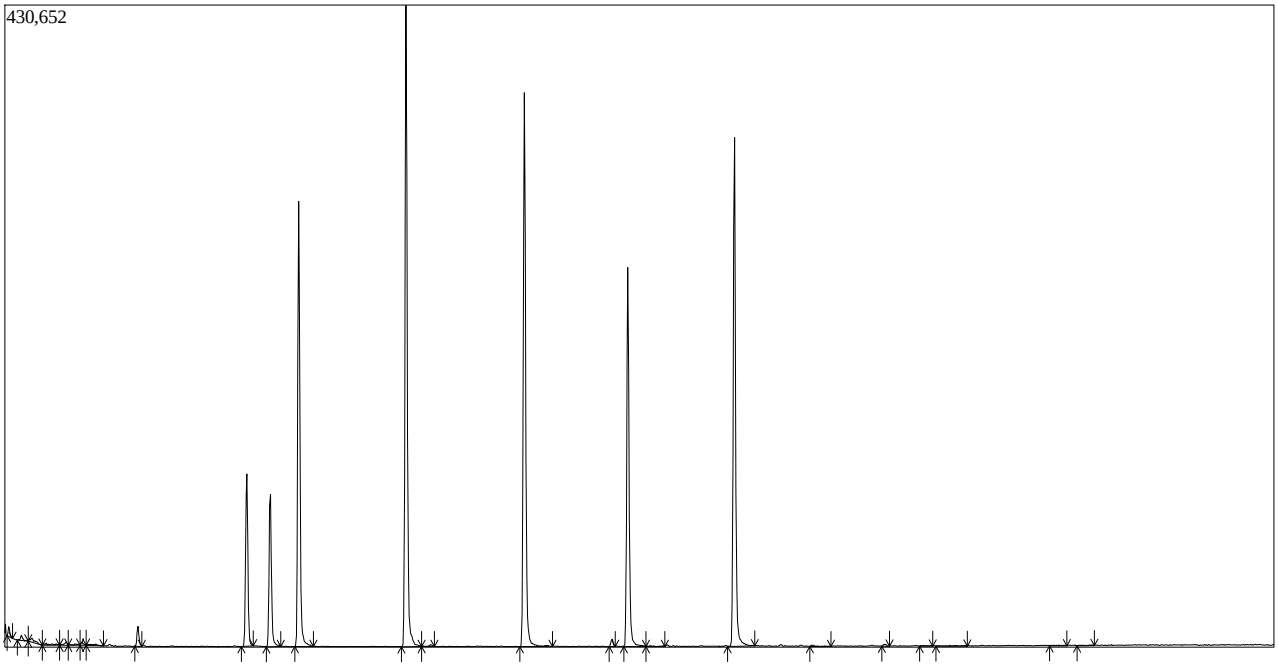
Instrument : J1A Method : 524.2/8260B

Sample ID : IB/TUNE/TUNE
File Name : C:\GCMSsolution\Data\221117A003.qgd Date : 11/17/2022 Time : 10:40:54

Spectrum Check

m/z	Criteria	Rel Inten.	Result	Status
50	15 to 40 percent of mass 95	19.57	19.57	Pass
75	30 to 60 percent of mass 95	44.67	44.67	Pass
95	base peak, 100 percent	100.00	100.00	Pass
96	5 to 9 percent of mass 95	6.54	6.54	Pass
173	< 2 percent of mass 174	0.36	0.59	Pass
174	> 50 percent of mass 95	61.65	61.65	Pass
176	95 to 100 percent of mass 174	60.31	97.83	Pass
177	5 to 9 percent of mass 176	3.99	6.62	Pass



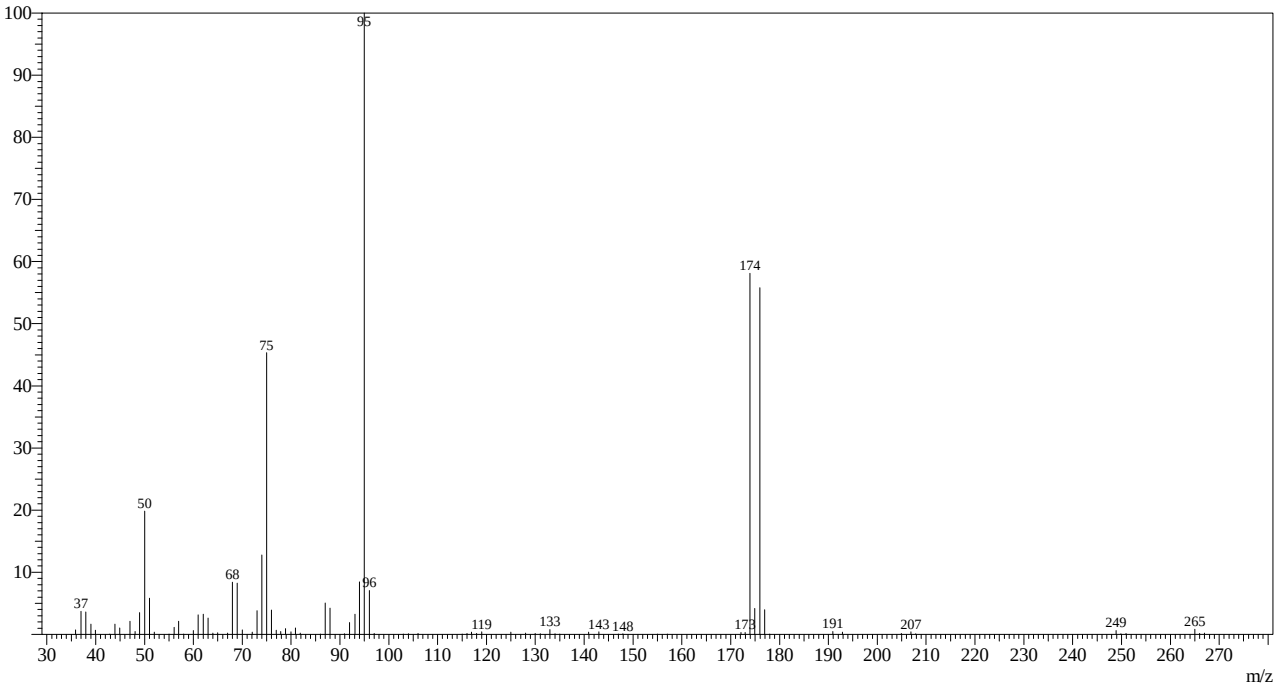


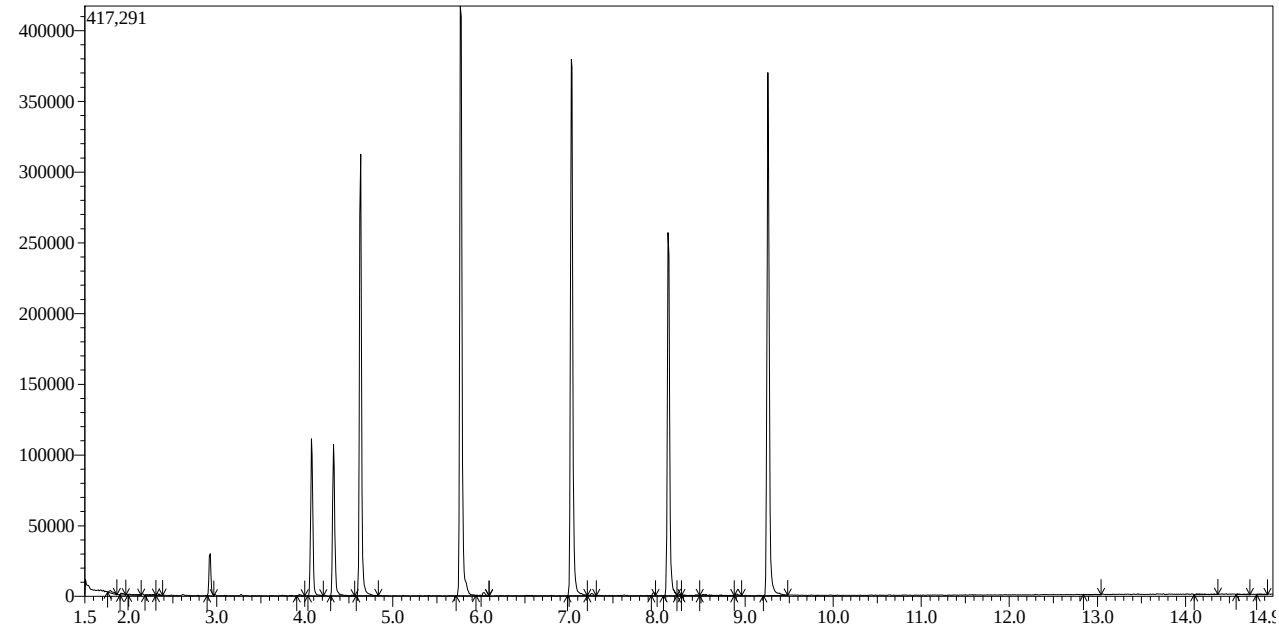
Instrument : J1A Method : 524.2/8260B

Sample ID : IB/TUNE/MB/TUNE
File Name : C:\GCMSsolution\Data\230131A033.qgd Date : 01/31/2023 Time : 21:52:37

Spectrum Check

m/z	Criteria	Rel Inten.	Result	Status
50	15 to 40 percent of mass 95	19.86	19.86	Pass
75	30 to 60 percent of mass 95	45.36	45.36	Pass
95	base peak, 100 percent	100.00	100.00	Pass
96	5 to 9 percent of mass 95	7.07	7.07	Pass
173	< 2 percent of mass 174	0.32	0.56	Pass
174	> 50 percent of mass 95	58.10	58.10	Pass
176	95 to 100 percent of mass 174	55.82	96.08	Pass
177	5 to 9 percent of mass 176	3.95	7.07	Pass



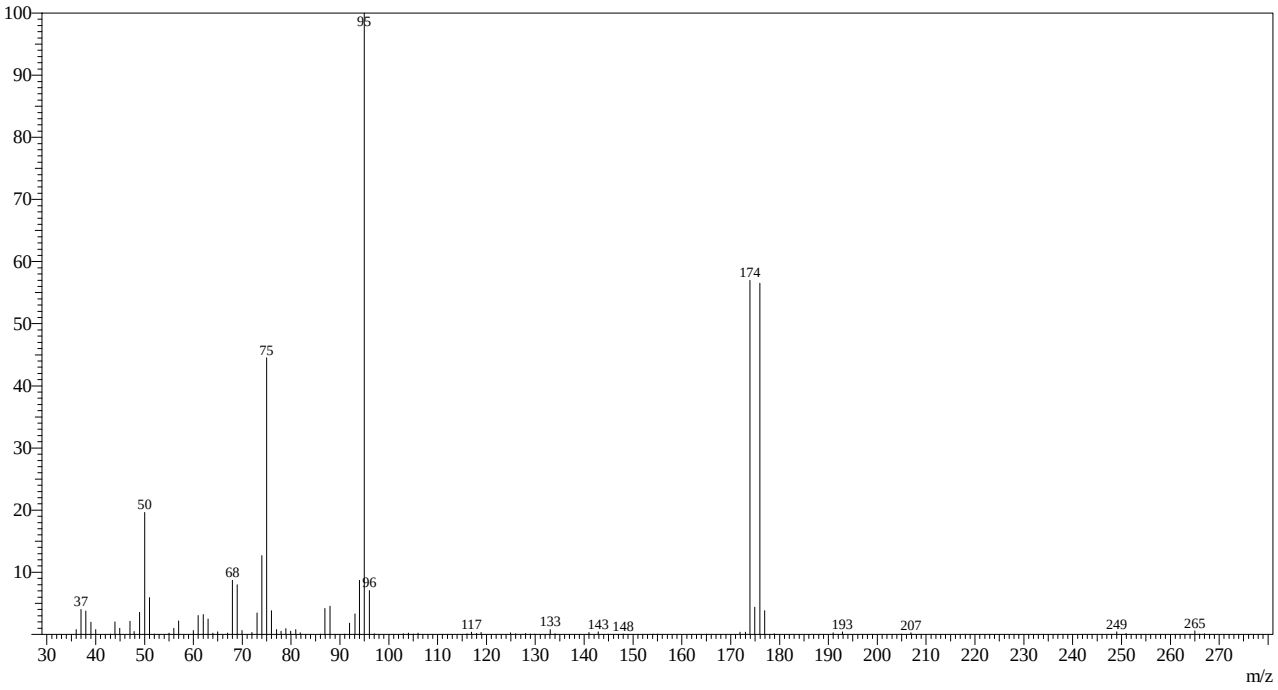


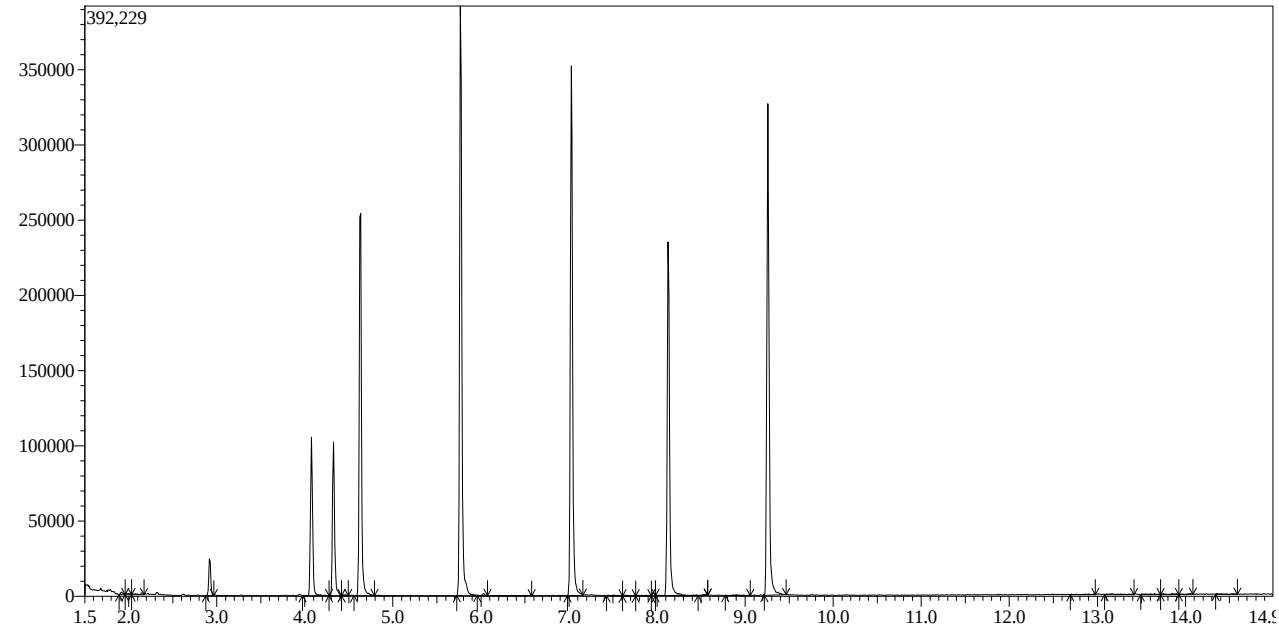
Instrument : J1A Method : 524.2/8260B

Sample ID : IB/TUNE/MB/TUNE
File Name : C:\GCMSsolution\Data\230201A032.qgd Date : 02/01/2023 Time : 23:29:56

Spectrum Check

m/z	Criteria	Rel Inten.	Result	Status
50	15 to 40 percent of mass 95	19.61	19.61	Pass
75	30 to 60 percent of mass 95	44.50	44.50	Pass
95	base peak, 100 percent	100.00	100.00	Pass
96	5 to 9 percent of mass 95	7.08	7.08	Pass
173	< 2 percent of mass 174	0.37	0.65	Pass
174	> 50 percent of mass 95	56.96	56.96	Pass
176	95 to 100 percent of mass 174	56.50	99.20	Pass
177	5 to 9 percent of mass 176	3.80	6.73	Pass





Advanced Environmental Laboratories, Inc.

Initial Calibration Data Summary Report
FORM 6A
SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Calibration Start Date/Time: **11/17/202211:32** **Instrument ID: J1A**

Calibration End Date/Time: **11/17/202214:31**

CALIBRATION FACTORS

Data Files: 221117A005.qgd 221117A006.qgd 221117A008.qgd 221117A009.qgd 221117A010.qgd 221117A011.qgd 221117A012.qgd

Parameter	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	RRF8	MEAN	% RSD	CT
Benzene	2.016	2.175	2.417	2.255	1.935	1.985	2.134		2.131	7.95	A
MTBE	0.807	0.877	1.043	0.987	0.868	0.908	0.959		0.921	8.71	A
1,2-Dichloroethane-d4	0.268	0.272	0.269	0.241	0.232	0.226	0.220		0.247	8.93	A
Bromofluorobenzene	0.688	0.687	0.680	0.665	0.640	0.579	0.579		0.646	7.47	A
Toluene-d8	1.246	1.278	1.266	1.273	1.274	1.252	1.257		1.264	0.96	A

CT = Calibration Type **CT = A (Average), CT = * See associated Regression Report**

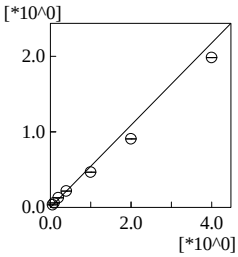
C:\GCMSsolution\Data\8260-S-221117A.qgm

Calibration

ID#:1 Mass:114.00 Name:1,4-Difluorobenzene (IS)
f(x)=? rr1=0.000000 rr2=0.000000
MeanRF:0.00 RFSD:-- RFRSD:--
CurveType:?
WeightedRegression:None

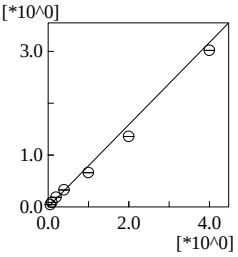
ISTD

ID#:2 Mass:85.00 Name:Dichlorodifluoromethane
f(x)=0.544220*x rr1=0.998769 rr2=0.997539
MeanRF:0.54 RFSD:0.07 RFRSD:13.52
CurveType:Mean Response Factor
WeightedRegression:None



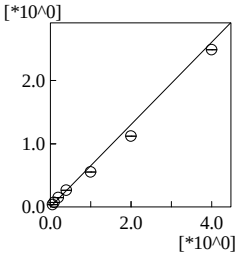
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.04
2	0.100	0.06
3	0.200	0.13
4	0.400	0.22
5	1.000	0.47
6	2.000	0.91
7	4.000	1.98

ID#:3 Mass:50.00 Name:Chloromethane
f(x)=0.792361*x rr1=0.998047 rr2=0.996097
MeanRF:0.79 RFSD:0.10 RFRSD:12.90
CurveType:Mean Response Factor
WeightedRegression:None



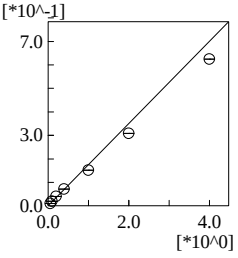
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.05
2	0.100	0.09
3	0.200	0.19
4	0.400	0.33
5	1.000	0.66
6	2.000	1.36
7	4.000	3.02

ID#:4 Mass:62.00 Name:Vinyl Chloride
f(x)=0.649699*x rr1=0.998262 rr2=0.996527
MeanRF:0.65 RFSD:0.08 RFRSD:11.73
CurveType:Mean Response Factor
WeightedRegression:None



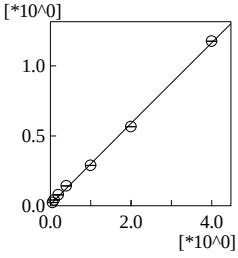
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.04
2	0.100	0.07
3	0.200	0.15
4	0.400	0.27
5	1.000	0.55
6	2.000	1.12
7	4.000	2.48

ID#:5 Mass:94.00 Name:Bromomethane
f(x)=0.175064*x rr1=0.999759 rr2=0.999518
MeanRF:0.18 RFSD:0.02 RFRSD:12.70
CurveType:Mean Response Factor
WeightedRegression:None



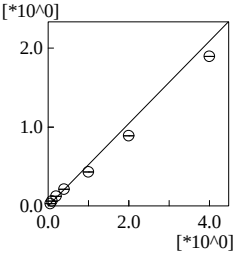
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.01
2	0.100	0.02
3	0.200	0.04
4	0.400	0.07
5	1.000	0.15
6	2.000	0.31
7	4.000	0.62

ID#:6 Mass:64.00 Name:Chloroethane
f(x)=-0.000322*x^2+0.289029*x+0.011371 rr1=0.998245 rr2=0.996494
MeanRF:0.35 RFSD:0.06 RFRSD:16.55
CurveType:2nd Order Regression
WeightedRegression:1/C



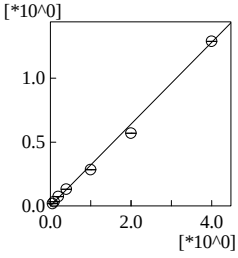
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.02
2	0.100	0.04
3	0.200	0.08
4	0.400	0.14
5	1.000	0.29
6	2.000	0.57
7	4.000	1.17

ID#:7 Mass:101.00 Name:Trichlorofluoromethane
f(x)=0.520520*x rr1=0.998994 rr2=0.997990
MeanRF:0.52 RFSD:0.07 RFRSD:14.34
CurveType:Mean Response Factor
WeightedRegression:None



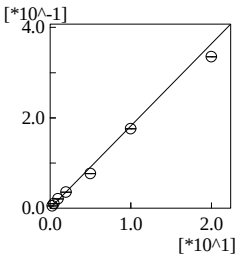
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.03
2	0.100	0.06
3	0.200	0.12
4	0.400	0.21
5	1.000	0.43
6	2.000	0.89
7	4.000	1.89

ID#:8 Mass:59.00 Name:Diethyl Ether
f(x)=0.320072*x rr1=0.997906 rr2=0.995816
MeanRF:0.32 RFSD:0.03 RFRSD:9.42
CurveType:Mean Response Factor
WeightedRegression:None



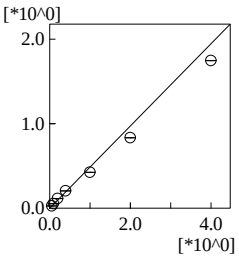
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.02
2	0.100	0.03
3	0.200	0.07
4	0.400	0.13
5	1.000	0.28
6	2.000	0.57
7	4.000	1.29

ID#:9 Mass:56.00 Name:Acrolein
f(x)=0.018196*x rr1=0.999243 rr2=0.998487
MeanRF:0.02 RFSD:0.00 RFRSD:10.86
CurveType:Mean Response Factor
WeightedRegression:None



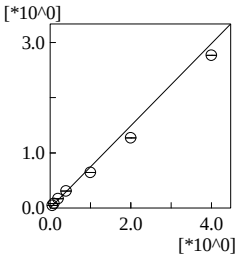
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.300	0.01
2	0.500	0.01
3	1.000	0.02
4	2.000	0.04
5	5.000	0.08
6	10.000	0.18
7	20.000	0.34

ID#:10 Mass:101.00 Name:1,1,2-Trichlorotrifluoroethane
f(x)=0.486274*x rr1=0.999391 rr2=0.998782
MeanRF:0.49 RFSD:0.06 RFRSD:13.11
CurveType:Mean Response Factor
WeightedRegression:None



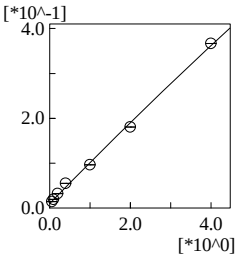
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.03
2	0.100	0.05
3	0.200	0.12
4	0.400	0.21
5	1.000	0.43
6	2.000	0.83
7	4.000	1.75

ID#:11 Mass:61.00 Name:1,1-Dichloroethene
f(x)=0.744422*x rr1=0.998755 rr2=0.997512
MeanRF:0.74 RFSD:0.09 RFRSD:11.87
CurveType:Mean Response Factor
WeightedRegression:None



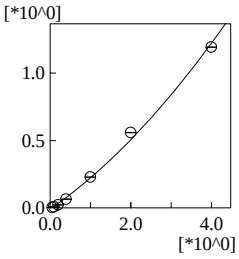
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.05
2	0.100	0.08
3	0.200	0.17
4	0.400	0.31
5	1.000	0.65
6	2.000	1.27
7	4.000	2.77

ID#:12 Mass:43.00 Name:Acetone
f(x)=-0.001070*x^2+0.092042*x+0.010508 rr1=0.996895 rr2=0.993800
MeanRF:0.14 RFSD:0.06 RFRSD:40.37
CurveType:2nd Order Regression
WeightedRegression:1/C



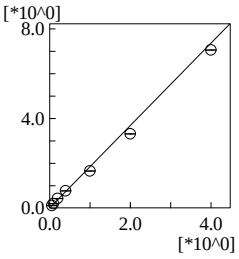
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.01
2	0.100	0.02
3	0.200	0.03
4	0.400	0.05
5	1.000	0.10
6	2.000	0.18
7	4.000	0.37

ID#:13 Mass:142.00 Name:Idomethane
f(x)=0.024835*x^2+0.208790*x-0.011780 rr1=0.996276 rr2=0.992565
MeanRF:0.17 RFSD:0.10 RFRSD:55.91
CurveType:2nd Order Regression
WeightedRegression:1/A



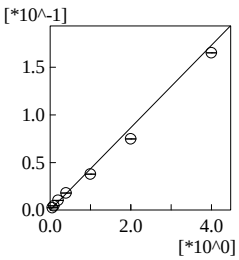
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.00
2	0.100	0.01
3	0.200	0.02
4	0.400	0.07
5	1.000	0.23
6	2.000	0.56
7	4.000	1.19

ID#:14 Mass:76.00 Name:Carbon Disulfide
f(x)=1.836436*x rr1=0.999287 rr2=0.998575
MeanRF:1.84 RFSD:0.16 RFRSD:8.92
CurveType:Mean Response Factor
WeightedRegression:None



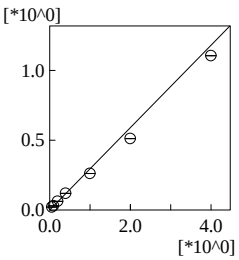
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.11
2	0.100	0.20
3	0.200	0.42
4	0.400	0.76
5	1.000	1.65
6	2.000	3.31
7	4.000	7.05

ID#:15 Mass:41.00 Name:Acetonitrile
f(x)=0.043186*x rr1=0.998451 rr2=0.996903
MeanRF:0.04 RFSD:0.00 RFRSD:11.33
CurveType:Mean Response Factor
WeightedRegression:None



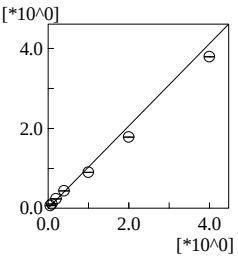
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.00
2	0.100	0.00
3	0.200	0.01
4	0.400	0.02
5	1.000	0.04
6	2.000	0.07
7	4.000	0.17

ID#:16 Mass:43.00 Name:Methyl Acetate
f(x)=0.294416*x rr1=0.999138 rr2=0.998277
MeanRF:0.29 RFSD:0.03 RFRSD:11.06
CurveType:Mean Response Factor
WeightedRegression:None



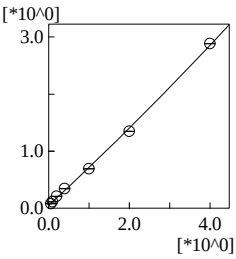
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.02
2	0.100	0.03
3	0.200	0.06
4	0.400	0.12
5	1.000	0.26
6	2.000	0.51
7	4.000	1.10

ID#:17 Mass:41.00 Name:Allyl Chloride (3-Chloropropene)
f(x)=1.028579*x rr1=0.999204 rr2=0.998409
MeanRF:1.03 RFSD:0.12 RFRSD:11.35
CurveType:Mean Response Factor
WeightedRegression:None



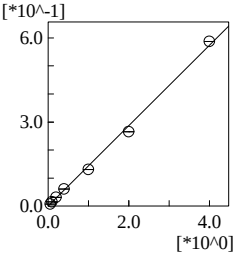
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.06
2	0.100	0.11
3	0.200	0.24
4	0.400	0.43
5	1.000	0.90
6	2.000	1.78
7	4.000	3.79

ID#:18 Mass:49.00 Name:Methylene Chloride
f(x)=0.012578*x^2+0.649678*x+0.051695 rr1=0.998262 rr2=0.996527
MeanRF:0.93 RFSD:0.26 RFRSD:28.11
CurveType:2nd Order Regression
WeightedRegression:1/C



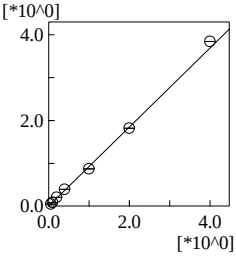
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.08
2	0.100	0.12
3	0.200	0.21
4	0.400	0.34
5	1.000	0.69
6	2.000	1.35
7	4.000	2.88

ID#:19 Mass:53.00 Name:Acrylonitrile
f(x)=0.143269*x rr1=0.998529 rr2=0.997061
MeanRF:0.14 RFSD:0.01 RFRSD:10.13
CurveType:Mean Response Factor
WeightedRegression:None



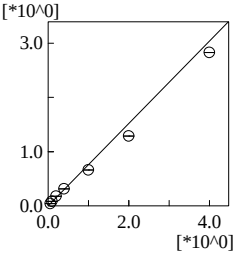
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.01
2	0.100	0.02
3	0.200	0.03
4	0.400	0.06
5	1.000	0.13
6	2.000	0.27
7	4.000	0.59

ID#:20 Mass:73.00 Name:MTBE
f(x)=0.921407*x rr1=0.999383 rr2=0.998766
MeanRF:0.92 RFSD:0.08 RFRSD:8.71
CurveType:Mean Response Factor
WeightedRegression:None



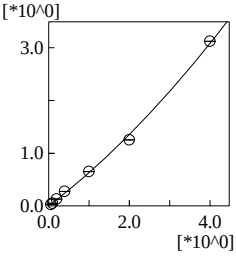
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.05
2	0.100	0.09
3	0.200	0.21
4	0.400	0.39
5	1.000	0.87
6	2.000	1.82
7	4.000	3.84

ID#:21 Mass:61.00 Name:trans-1,2-Dichloroethene
f(x)=0.757544*x rr1=0.998622 rr2=0.997245
MeanRF:0.76 RFSD:0.09 RFRSD:12.29
CurveType:Mean Response Factor
WeightedRegression:None



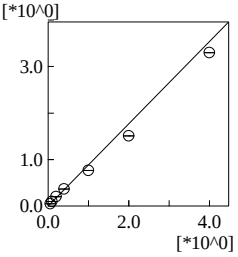
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.05
2	0.100	0.09
3	0.200	0.18
4	0.400	0.32
5	1.000	0.66
6	2.000	1.29
7	4.000	2.83

ID#:22 Mass:43.00 Name:Vinyl Acetate
f(x)=0.046045*x^2+0.585379*x-0.001321 rr1=0.998332 rr2=0.996667
MeanRF:0.63 RFSD:0.10 RFRSD:16.55
CurveType:2nd Order Regression
WeightedRegression:1/C



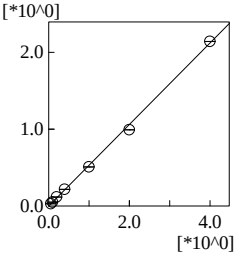
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.03
2	0.100	0.05
3	0.200	0.13
4	0.400	0.28
5	1.000	0.65
6	2.000	1.25
7	4.000	3.12

ID#:23 Mass:63.00 Name:1,1-Dichloroethane
f(x)=0.884099*x rr1=0.998720 rr2=0.997442
MeanRF:0.88 RFSD:0.11 RFRSD:12.03
CurveType:Mean Response Factor
WeightedRegression:None



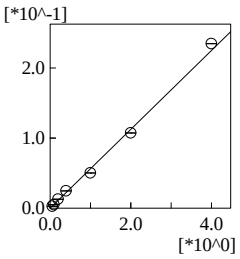
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.05
2	0.100	0.10
3	0.200	0.20
4	0.400	0.37
5	1.000	0.76
6	2.000	1.51
7	4.000	3.30

ID#:24 Mass:43.00 Name:2-Butanone(MEK)
f(x)=0.530537*x rr1=0.999297 rr2=0.998594
MeanRF:0.53 RFSD:0.03 RFRSD:6.26
CurveType:Mean Response Factor
WeightedRegression:None



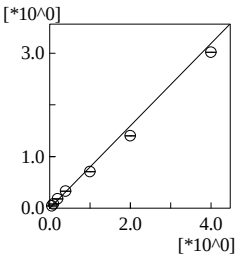
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.03
2	0.100	0.05
3	0.200	0.12
4	0.400	0.22
5	1.000	0.51
6	2.000	0.99
7	4.000	2.14

ID#:25 Mass:45.00 Name:Ethyl Acetate
f(x)=0.056088*x rr1=0.998499 rr2=0.997001
MeanRF:0.06 RFSD:0.01 RFRSD:9.98
CurveType:Mean Response Factor
WeightedRegression:None



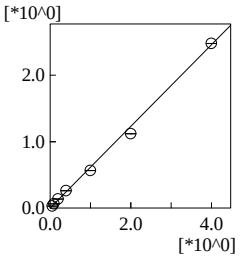
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.00
2	0.100	0.01
3	0.200	0.01
4	0.400	0.02
5	1.000	0.05
6	2.000	0.11
7	4.000	0.23

ID#:26 Mass:61.00 Name:cis-1,2-Dichloroethene
f(x)=0.795256*x rr1=0.999073 rr2=0.998147
MeanRF:0.80 RFSD:0.08 RFRSD:10.25
CurveType:Mean Response Factor
WeightedRegression:None



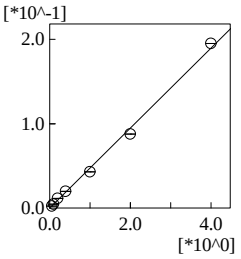
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.05
2	0.100	0.09
3	0.200	0.18
4	0.400	0.33
5	1.000	0.71
6	2.000	1.40
7	4.000	3.02

ID#:27 Mass:77.00 Name:2,2-Dichloropropane
f(x)=0.613162*x rr1=0.998608 rr2=0.997217
MeanRF:0.61 RFSD:0.05 RFRSD:8.86
CurveType:Mean Response Factor
WeightedRegression:None



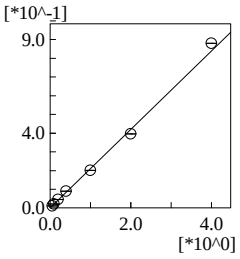
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.03
2	0.100	0.06
3	0.200	0.14
4	0.400	0.26
5	1.000	0.56
6	2.000	1.12
7	4.000	2.47

ID#:28 Mass:54.00 Name:Propionitrile (Ethyl cyanide)
f(x)=0.047319*x rr1=0.998320 rr2=0.996642
MeanRF:0.05 RFSD:0.01 RFRSD:12.07
CurveType:Mean Response Factor
WeightedRegression:None



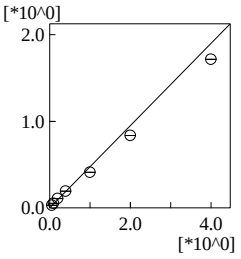
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.00
2	0.100	0.00
3	0.200	0.01
4	0.400	0.02
5	1.000	0.04
6	2.000	0.09
7	4.000	0.19

ID#:29 Mass:41.00 Name:Methacrylonitrile
f(x)=0.209390*x rr1=0.998686 rr2=0.997373
MeanRF:0.21 RFSD:0.02 RFRSD:7.38
CurveType:Mean Response Factor
WeightedRegression:None



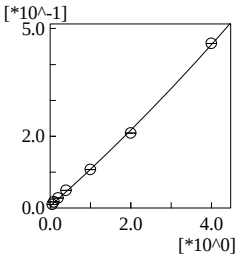
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.01
2	0.100	0.02
3	0.200	0.05
4	0.400	0.09
5	1.000	0.20
6	2.000	0.40
7	4.000	0.88

ID#:30 Mass:49.00 Name:Bromochloromethane
f(x)=0.474766*x rr1=0.999660 rr2=0.999319
MeanRF:0.47 RFSD:0.05 RFRSD:11.57
CurveType:Mean Response Factor
WeightedRegression:None



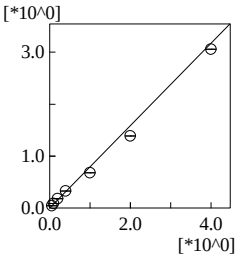
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.03
2	0.100	0.05
3	0.200	0.11
4	0.400	0.20
5	1.000	0.41
6	2.000	0.84
7	4.000	1.72

ID#:31 Mass:42.00 Name:Tetrahydrofuran
f(x)=0.003216*x^2+0.099255*x+0.005640 rr1=0.998917 rr2=0.997835
MeanRF:0.13 RFSD:0.03 RFRSD:20.20
CurveType:2nd Order Regression
WeightedRegression:1/C



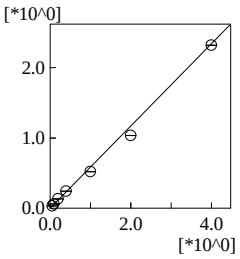
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.01
2	0.100	0.02
3	0.200	0.03
4	0.400	0.05
5	1.000	0.11
6	2.000	0.21
7	4.000	0.46

ID#:32 Mass:83.00 Name:Chloroform
f(x)=0.791625*x rr1=0.998440 rr2=0.996883
MeanRF:0.79 RFSD:0.09 RFRSD:10.82
CurveType:Mean Response Factor
WeightedRegression:None



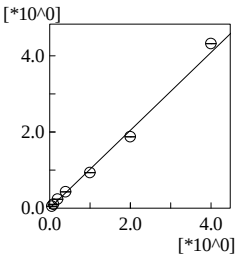
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.05
2	0.100	0.09
3	0.200	0.18
4	0.400	0.33
5	1.000	0.68
6	2.000	1.39
7	4.000	3.06

ID#:33 Mass:97.00 Name:1,1,1-Trichloroethane
f(x)=0.584230*x rr1=0.998162 rr2=0.996327
MeanRF:0.58 RFSD:0.06 RFRSD:9.65
CurveType:Mean Response Factor
WeightedRegression:None



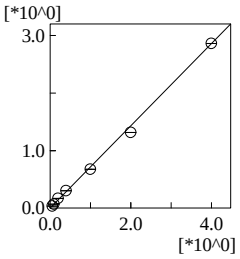
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.03
2	0.100	0.06
3	0.200	0.13
4	0.400	0.24
5	1.000	0.52
6	2.000	1.03
7	4.000	2.31

ID#:34 Mass:56.00 Name:Cyclohexane
f(x)=1.021245*x rr1=0.997476 rr2=0.994959
MeanRF:1.02 RFSD:0.10 RFRSD:10.01
CurveType:Mean Response Factor
WeightedRegression:None



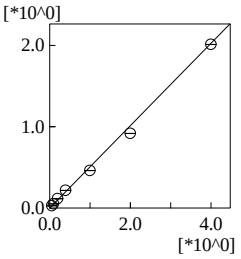
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.05
2	0.100	0.10
3	0.200	0.24
4	0.400	0.44
5	1.000	0.94
6	2.000	1.87
7	4.000	4.32

ID#:35 Mass:75.00 Name:1,1-Dichloropropene
f(x)=0.713845*x rr1=0.999022 rr2=0.998046
MeanRF:0.71 RFSD:0.07 RFRSD:9.74
CurveType:Mean Response Factor
WeightedRegression:None



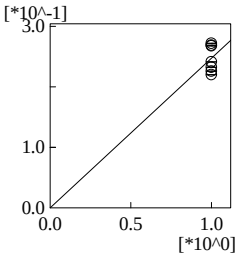
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.04
2	0.100	0.07
3	0.200	0.17
4	0.400	0.30
5	1.000	0.67
6	2.000	1.32
7	4.000	2.86

ID#:36 Mass:117.00 Name:Carbon tetrachloride
f(x)=0.505877*x rr1=0.998758 rr2=0.997518
MeanRF:0.51 RFSD:0.05 RFRSD:9.08
CurveType:Mean Response Factor
WeightedRegression:None



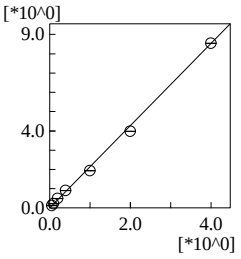
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.060	0.03
2	0.100	0.05
3	0.200	0.12
4	0.400	0.22
5	1.000	0.46
6	2.000	0.92
7	4.000	2.01

ID#:37 Mass:65.00 Name:1,2-Dichloroethane-d4
f(x)=0.246931*x rr1=0.000000 rr2=0.000000
MeanRF:0.25 RFSD:0.02 RFRSD:8.93
CurveType:Mean Response Factor
WeightedRegression:None



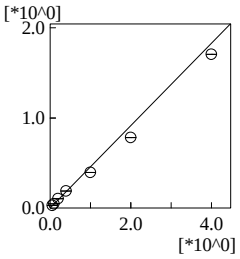
#	Conc. Ratio (ppb)	Mean Area Ratio
1	1.000	0.27
2	1.000	0.27
3	1.000	0.27
4	1.000	0.24
5	1.000	0.23
6	1.000	0.23
7	1.000	0.22

ID#:38 Mass:78.00 Name:Benzene
f(x)=2.130871*x rr1=0.999081 rr2=0.998163
MeanRF:2.13 RFSD:0.17 RFRSD:7.95
CurveType:Mean Response Factor
WeightedRegression:None



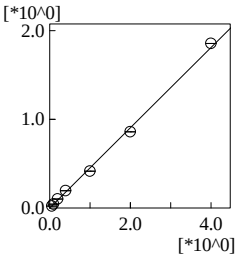
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.12
2	0.100	0.22
3	0.200	0.48
4	0.400	0.90
5	1.000	1.93
6	2.000	3.97
7	4.000	8.53

ID#:39 Mass:62.00 Name:1,2-Dichloroethane
f(x)=0.456104*x rr1=0.998711 rr2=0.997425
MeanRF:0.46 RFSD:0.05 RFRSD:11.50
CurveType:Mean Response Factor
WeightedRegression:None



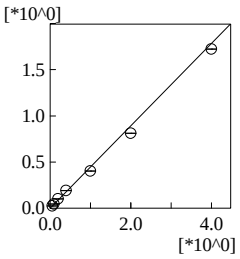
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.03
2	0.100	0.05
3	0.200	0.11
4	0.400	0.19
5	1.000	0.39
6	2.000	0.78
7	4.000	1.71

ID#:40 Mass:95.00 Name:Trichloroethene
f(x)=0.452722*x rr1=0.999026 rr2=0.998053
MeanRF:0.45 RFSD:0.04 RFRSD:9.03
CurveType:Mean Response Factor
WeightedRegression:None



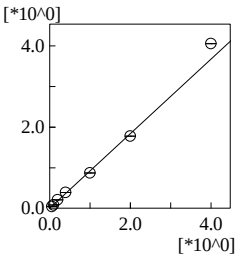
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.02
2	0.100	0.04
3	0.200	0.10
4	0.400	0.20
5	1.000	0.42
6	2.000	0.86
7	4.000	1.85

ID#:41 Mass:63.00 Name:1,2-Dichloropropane
f(x)=0.445167*x rr1=0.999263 rr2=0.998526
MeanRF:0.45 RFSD:0.04 RFRSD:9.41
CurveType:Mean Response Factor
WeightedRegression:None



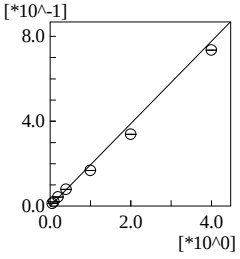
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.03
2	0.100	0.05
3	0.200	0.10
4	0.400	0.19
5	1.000	0.40
6	2.000	0.81
7	4.000	1.72

ID#:42 Mass:83.00 Name:Methyl Cyclohexane
f(x)=0.917010*x rr1=0.997808 rr2=0.995620
MeanRF:0.92 RFSD:0.09 RFRSD:10.19
CurveType:Mean Response Factor
WeightedRegression:None



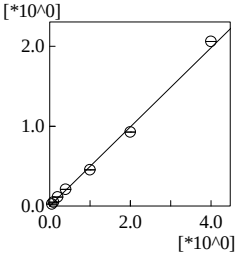
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.05
2	0.100	0.09
3	0.200	0.21
4	0.400	0.39
5	1.000	0.87
6	2.000	1.77
7	4.000	4.05

ID#:43 Mass:93.00 Name:Dibromomethane
f(x)=0.193758*x rr1=0.998848 rr2=0.997697
MeanRF:0.19 RFSD:0.02 RFRSD:10.35
CurveType:Mean Response Factor
WeightedRegression:None



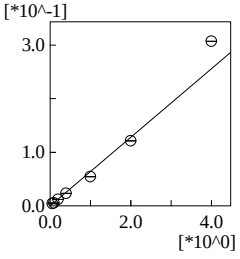
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.01
2	0.100	0.02
3	0.200	0.04
4	0.400	0.08
5	1.000	0.17
6	2.000	0.34
7	4.000	0.73

ID#:44 Mass:83.00 Name:Bromodichloromethane
f(x)=0.494238*x rr1=0.998384 rr2=0.996771
MeanRF:0.49 RFSD:0.04 RFRSD:8.37
CurveType:Mean Response Factor
WeightedRegression:None



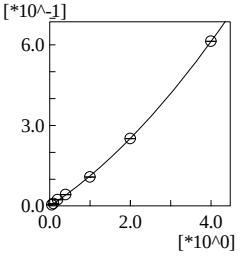
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.03
2	0.100	0.05
3	0.200	0.11
4	0.400	0.21
5	1.000	0.45
6	2.000	0.93
7	4.000	2.06

ID#:45 Mass:43.00 Name:2-Nitropropane
f(x)=0.063857*x rr1=0.993662 rr2=0.987364
MeanRF:0.06 RFSD:0.01 RFRSD:14.22
CurveType:Mean Response Factor
WeightedRegression:None



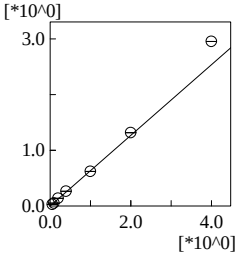
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.00
2	0.100	0.01
3	0.200	0.01
4	0.400	0.02
5	1.000	0.05
6	2.000	0.12
7	4.000	0.31

ID#:46 Mass:63.00 Name:2-Chloroetheylvinyl ether
f(x)=0.013401*x^2+0.099667*x-0.001193 rr1=0.999614 rr2=0.999228
MeanRF:0.11 RFSD:0.03 RFRSD:25.42
CurveType:2nd Order Regression
WeightedRegression:1/C



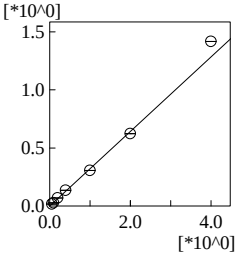
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.00
2	0.100	0.01
3	0.200	0.02
4	0.400	0.04
5	1.000	0.11
6	2.000	0.25
7	4.000	0.61

ID#:47 Mass:75.00 Name:cis-1,3-Dichloropropene
f(x)=0.633341*x rr1=0.998353 rr2=0.996709
MeanRF:0.63 RFSD:0.08 RFRSD:13.21
CurveType:Mean Response Factor
WeightedRegression:None



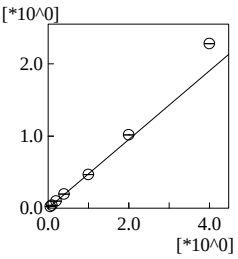
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.03
2	0.100	0.06
3	0.200	0.14
4	0.400	0.27
5	1.000	0.62
6	2.000	1.32
7	4.000	2.95

ID#:48 Mass:43.00 Name:4-Methyl-2-Pentanone(MIBK)
f(x)=0.320750*x rr1=0.998036 rr2=0.996077
MeanRF:0.32 RFSD:0.03 RFRSD:9.12
CurveType:Mean Response Factor
WeightedRegression:None



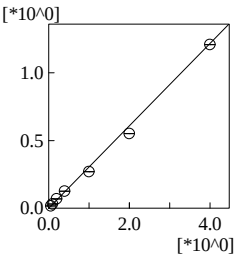
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.02
2	0.100	0.03
3	0.200	0.07
4	0.400	0.14
5	1.000	0.31
6	2.000	0.62
7	4.000	1.42

ID#:49 Mass:75.00 Name:trans-1,3-Dichloropropene
f(x)=0.475975*x rr1=0.998267 rr2=0.996537
MeanRF:0.48 RFSD:0.06 RFRSD:13.48
CurveType:Mean Response Factor
WeightedRegression:None



#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.02
2	0.100	0.04
3	0.200	0.10
4	0.400	0.20
5	1.000	0.47
6	2.000	1.02
7	4.000	2.28

ID#:50 Mass:97.00 Name:1,1,2-Trichloroethane
f(x)=0.303351*x rr1=0.998678 rr2=0.997357
MeanRF:0.30 RFSD:0.03 RFRSD:8.68
CurveType:Mean Response Factor
WeightedRegression:None

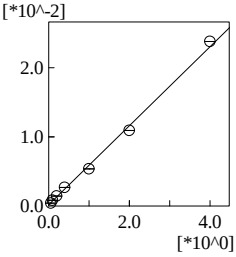


#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.02
2	0.100	0.03
3	0.200	0.07
4	0.400	0.13
5	1.000	0.27
6	2.000	0.55
7	4.000	1.21

ID#:51 Mass:117.00 Name:Chlorobenzene-d5 (IS)
f(x)=? rr1=0.000000 rr2=0.000000
MeanRF:0.00 RFSD:-- RFRSD:--
CurveType:?
WeightedRegression:None

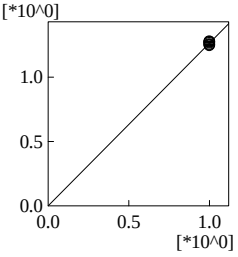
ISTD

ID#:52 Mass:88.00 Name:1,4-Dioxane
f(x)=0.005697*x+0.000192 rr1=0.997288 rr2=0.994583
MeanRF:0.01 RFSD:0.00 RFRSD:17.88
CurveType:Least Square Method
WeightedRegression:1/C



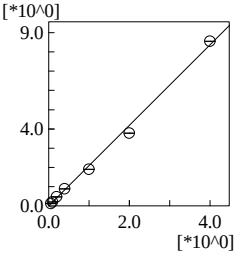
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.00
2	0.100	0.00
3	0.200	0.00
4	0.400	0.00
5	1.000	0.01
6	2.000	0.01
7	4.000	0.02

ID#:53 Mass:98.00 Name:Toluene-d8
f(x)=1.263816*x rr1=0.000000 rr2=0.000000
MeanRF:1.26 RFSD:0.01 RFRSD:0.96
CurveType:Mean Response Factor
WeightedRegression:None



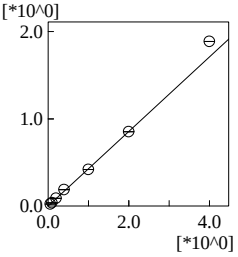
#	Conc. Ratio (ppb)	Mean Area Ratio
1	1.000	1.25
2	1.000	1.28
3	1.000	1.27
4	1.000	1.27
5	1.000	1.27
6	1.000	1.25
7	1.000	1.26

ID#:54 Mass:91.00 Name:Toluene
f(x)=2.087243*x rr1=0.998062 rr2=0.996128
MeanRF:2.09 RFSD:0.17 RFRSD:8.08
CurveType:Mean Response Factor
WeightedRegression:None



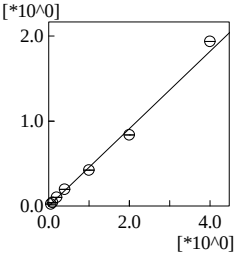
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.12
2	0.100	0.21
3	0.200	0.47
4	0.400	0.89
5	1.000	1.90
6	2.000	3.79
7	4.000	8.54

ID#:55 Mass:69.00 Name:Ethyl Methacrylate
f(x)=0.426696*x rr1=0.998713 rr2=0.997428
MeanRF:0.43 RFSD:0.04 RFRSD:8.91
CurveType:Mean Response Factor
WeightedRegression:None



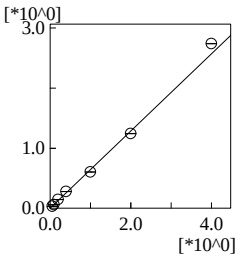
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.02
2	0.100	0.04
3	0.200	0.09
4	0.400	0.19
5	1.000	0.42
6	2.000	0.85
7	4.000	1.88

ID#:56 Mass:166.00 Name:Tetrachloroethene
f(x)=0.453626*x rr1=0.997463 rr2=0.994932
MeanRF:0.45 RFSD:0.04 RFRSD:9.03
CurveType:Mean Response Factor
WeightedRegression:None



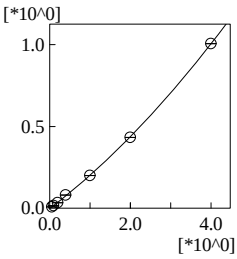
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.02
2	0.100	0.04
3	0.200	0.10
4	0.400	0.20
5	1.000	0.42
6	2.000	0.84
7	4.000	1.93

ID#:57 Mass:76.00 Name:1,3-Dichloropropane
f(x)=0.641708*x rr1=0.998698 rr2=0.997398
MeanRF:0.64 RFSD:0.06 RFRSD:9.42
CurveType:Mean Response Factor
WeightedRegression:None



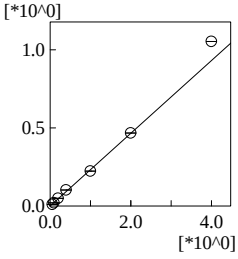
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.03
2	0.100	0.06
3	0.200	0.15
4	0.400	0.28
5	1.000	0.61
6	2.000	1.24
7	4.000	2.74

ID#:58 Mass:43.00 Name:2-Hexanone(MBK)
f(x)=0.015722*x^2+0.188284*x-0.002537 rr1=0.999872 rr2=0.999745
MeanRF:0.19 RFSD:0.04 RFRSD:18.87
CurveType:2nd Order Regression
WeightedRegression:1/C



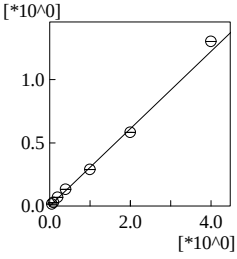
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.01
2	0.100	0.02
3	0.200	0.03
4	0.400	0.08
5	1.000	0.20
6	2.000	0.43
7	4.000	1.00

ID#:59 Mass:127.00 Name:Dibromochloromethane
f(x)=0.232793*x rr1=0.998174 rr2=0.996352
MeanRF:0.23 RFSD:0.02 RFRSD:10.45
CurveType:Mean Response Factor
WeightedRegression:None



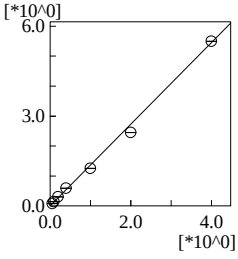
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.01
2	0.100	0.02
3	0.200	0.05
4	0.400	0.10
5	1.000	0.22
6	2.000	0.47
7	4.000	1.05

ID#:60 Mass:107.00 Name:1,2-Dibromoethane
f(x)=0.305228*x rr1=0.998419 rr2=0.996841
MeanRF:0.31 RFSD:0.03 RFRSD:9.48
CurveType:Mean Response Factor
WeightedRegression:None



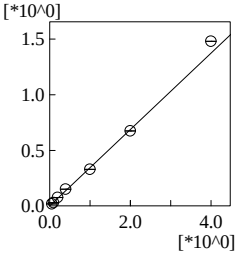
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.02
2	0.100	0.03
3	0.200	0.07
4	0.400	0.13
5	1.000	0.29
6	2.000	0.58
7	4.000	1.30

ID#:61 Mass:112.00 Name:Chlorobenzene
f(x)=1.365046*x rr1=0.998279 rr2=0.996561
MeanRF:1.37 RFSD:0.12 RFRSD:8.54
CurveType:Mean Response Factor
WeightedRegression:None



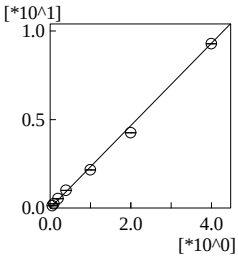
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.08
2	0.100	0.14
3	0.200	0.30
4	0.400	0.60
5	1.000	1.25
6	2.000	2.45
7	4.000	5.49

ID#:62 Mass:131.00 Name:1,1,1,2-Tetrachloroethane
f(x)=0.342799*x rr1=0.998793 rr2=0.997588
MeanRF:0.34 RFSD:0.03 RFRSD:8.88
CurveType:Mean Response Factor
WeightedRegression:None



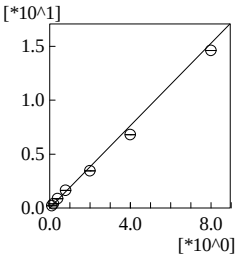
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.02
2	0.100	0.03
3	0.200	0.07
4	0.400	0.15
5	1.000	0.33
6	2.000	0.67
7	4.000	1.48

ID#:63 Mass:91.00 Name:Ethylbenzene
f(x)=2.322359*x rr1=0.998910 rr2=0.997821
MeanRF:2.32 RFSD:0.20 RFRSD:8.74
CurveType:Mean Response Factor
WeightedRegression:None



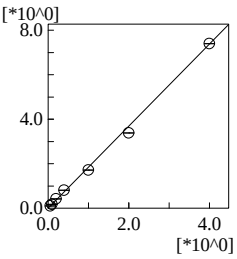
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.13
2	0.100	0.24
3	0.200	0.53
4	0.400	1.01
5	1.000	2.16
6	2.000	4.26
7	4.000	9.28

ID#:64 Mass:91.00 Name:Xylene-mp
f(x)=1.906453*x rr1=0.999168 rr2=0.998337
MeanRF:1.91 RFSD:0.18 RFRSD:9.45
CurveType:Mean Response Factor
WeightedRegression:None



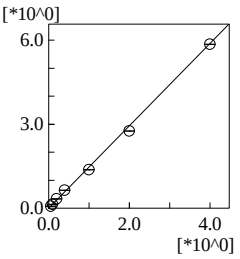
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.120	0.22
2	0.200	0.40
3	0.400	0.88
4	0.800	1.66
5	2.000	3.47
6	4.000	6.82
7	8.000	14.60

ID#:65 Mass:91.00 Name:Xylene-o
f(x)=1.843547*x rr1=0.998854 rr2=0.997708
MeanRF:1.84 RFSD:0.17 RFRSD:9.31
CurveType:Mean Response Factor
WeightedRegression:None



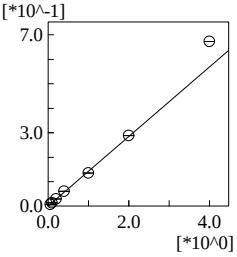
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.10
2	0.100	0.18
3	0.200	0.42
4	0.400	0.81
5	1.000	1.71
6	2.000	3.39
7	4.000	7.39

ID#:66 Mass:104.00 Name:Styrene
f(x)=1.467728*x rr1=0.999353 rr2=0.998707
MeanRF:1.47 RFSD:0.13 RFRSD:8.88
CurveType:Mean Response Factor
WeightedRegression:None



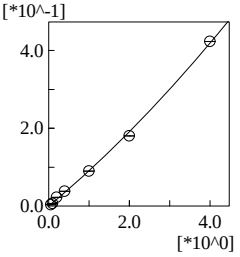
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.08
2	0.100	0.14
3	0.200	0.33
4	0.400	0.65
5	1.000	1.37
6	2.000	2.76
7	4.000	5.86

ID#:67 Mass:173.00 Name:Bromoform
f(x)=0.142033*x rr1=0.997099 rr2=0.994207
MeanRF:0.14 RFSD:0.02 RFRSD:11.70
CurveType:Mean Response Factor
WeightedRegression:None



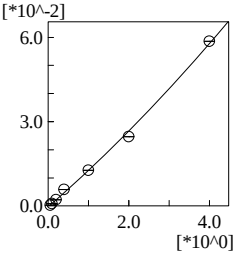
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.01
2	0.100	0.01
3	0.200	0.03
4	0.400	0.06
5	1.000	0.14
6	2.000	0.29
7	4.000	0.67

ID#:68 Mass:53.00 Name:trans-1,4-Dichloro-2-butene
f(x)=0.004499*x^2+0.086639*x-0.000239 rr1=0.997900 rr2=0.995804
MeanRF:0.09 RFSD:0.02 RFRSD:18.92
CurveType:2nd Order Regression
WeightedRegression:1/C



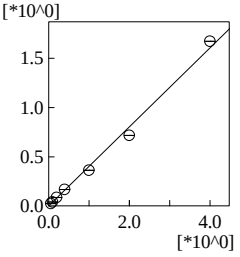
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.00
2	0.100	0.01
3	0.200	0.02
4	0.400	0.04
5	1.000	0.09
6	2.000	0.18
7	4.000	0.42

ID#:69 Mass:55.00 Name:Cyclohexanone
f(x)=0.000506*x^2+0.012487*x-0.000363 rr1=0.997716 rr2=0.995437
MeanRF:0.01 RFSD:0.00 RFRSD:32.72
CurveType:2nd Order Regression
WeightedRegression:1/C



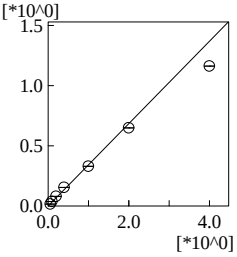
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.00
2	0.100	0.00
3	0.200	0.00
4	0.400	0.01
5	1.000	0.01
6	2.000	0.02
7	4.000	0.06

ID#:70 Mass:83.00 Name:1,1,2,2-Tetrachloroethane
f(x)=0.401064*x rr1=0.997191 rr2=0.994390
MeanRF:0.40 RFSD:0.03 RFRSD:7.27
CurveType:Mean Response Factor
WeightedRegression:None



#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.02
2	0.100	0.04
3	0.200	0.09
4	0.400	0.17
5	1.000	0.36
6	2.000	0.72
7	4.000	1.67

ID#:71 Mass:75.00 Name:1,2,3-Trichloropropane
f(x)=0.341607*x rr1=0.998209 rr2=0.996421
MeanRF:0.34 RFSD:0.05 RFRSD:13.81
CurveType:Mean Response Factor
WeightedRegression:None

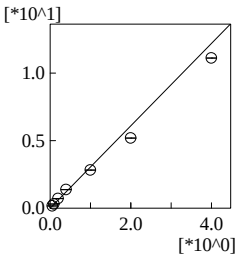


#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.02
2	0.100	0.04
3	0.200	0.08
4	0.400	0.16
5	1.000	0.33
6	2.000	0.65
7	4.000	1.16

ID#:72 Mass:150.00 Name:1,4-Dichlorobenzene-d4 (IS)
f(x)=? rr1=0.000000 rr2=0.000000
MeanRF:0.00 RFSD:-- RFRSD:--
CurveType:?
WeightedRegression:None

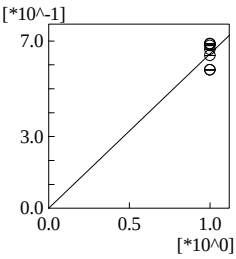
ISTD

ID#:73 Mass:105.00 Name:Isopropylbenzene
f(x)=3.040462*x rr1=0.998998 rr2=0.997997
MeanRF:3.04 RFSD:0.37 RFRSD:12.11
CurveType:Mean Response Factor
WeightedRegression:None



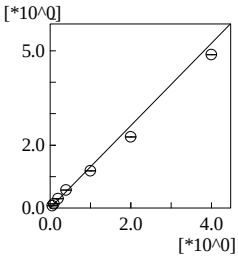
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.17
2	0.100	0.32
3	0.200	0.72
4	0.400	1.38
5	1.000	2.83
6	2.000	5.20
7	4.000	11.12

ID#:74 Mass:95.00 Name:Bromofluorobenzene
f(x)=0.645562*x rr1=0.000000 rr2=0.000000
MeanRF:0.65 RFSD:0.05 RFRSD:7.47
CurveType:Mean Response Factor
WeightedRegression:None



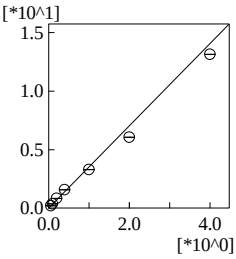
#	Conc. Ratio (ppb)	Mean Area Ratio
1	1.000	0.69
2	1.000	0.69
3	1.000	0.68
4	1.000	0.67
5	1.000	0.64
6	1.000	0.58
7	1.000	0.58

ID#:75 Mass:77.00 Name:Bromobenzene
f(x)=1.306170*x rr1=0.999024 rr2=0.998049
MeanRF:1.31 RFSD:0.13 RFRSD:10.25
CurveType:Mean Response Factor
WeightedRegression:None



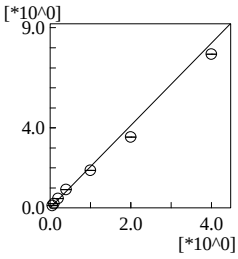
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.08
2	0.100	0.14
3	0.200	0.30
4	0.400	0.57
5	1.000	1.18
6	2.000	2.26
7	4.000	4.87

ID#:76 Mass:91.00 Name:n-Propylbenzene
f(x)=3.515311*x rr1=0.998838 rr2=0.997677
MeanRF:3.52 RFSD:0.41 RFRSD:11.60
CurveType:Mean Response Factor
WeightedRegression:None



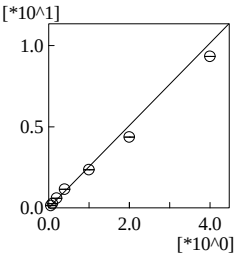
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.19
2	0.100	0.37
3	0.200	0.82
4	0.400	1.58
5	1.000	3.28
6	2.000	6.07
7	4.000	13.16

ID#:77 Mass:91.00 Name:2-Chlorotoluene
f(x)=2.054504*x rr1=0.998775 rr2=0.997551
MeanRF:2.05 RFSD:0.23 RFRSD:11.26
CurveType:Mean Response Factor
WeightedRegression:None



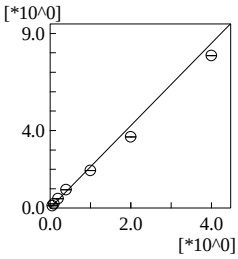
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.12
2	0.100	0.21
3	0.200	0.48
4	0.400	0.93
5	1.000	1.88
6	2.000	3.54
7	4.000	7.69

ID#:78 Mass:105.00 Name:1,3,5-Trimethylbenzene
f(x)=2.530592*x rr1=0.999013 rr2=0.998027
MeanRF:2.53 RFSD:0.30 RFRSD:11.85
CurveType:Mean Response Factor
WeightedRegression:None



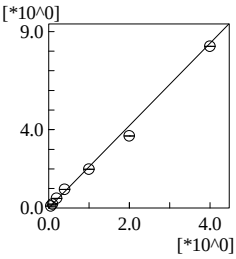
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.14
2	0.100	0.26
3	0.200	0.60
4	0.400	1.15
5	1.000	2.35
6	2.000	4.36
7	4.000	9.33

ID#:79 Mass:91.00 Name:4-Chlorotoluene
f(x)=2.118826*x rr1=0.999094 rr2=0.998189
MeanRF:2.12 RFSD:0.24 RFRSD:11.35
CurveType:Mean Response Factor
WeightedRegression:None



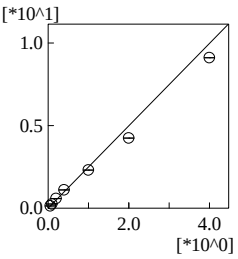
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.12
2	0.100	0.23
3	0.200	0.49
4	0.400	0.94
5	1.000	1.93
6	2.000	3.67
7	4.000	7.86

ID#:80 Mass:119.00 Name:tert-Butylbenzene
f(x)=2.095753*x rr1=0.998222 rr2=0.996448
MeanRF:2.10 RFSD:0.24 RFRSD:11.32
CurveType:Mean Response Factor
WeightedRegression:None



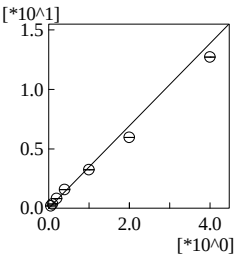
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.11
2	0.100	0.21
3	0.200	0.49
4	0.400	0.95
5	1.000	1.98
6	2.000	3.68
7	4.000	8.24

ID#:81 Mass:105.00 Name:1,2,4-Trimethylbenzene
f(x)=2.486509*x rr1=0.999045 rr2=0.998091
MeanRF:2.49 RFSD:0.30 RFRSD:12.23
CurveType:Mean Response Factor
WeightedRegression:None



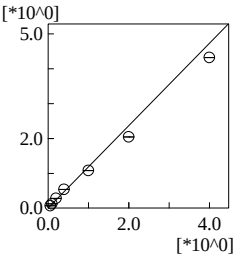
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.14
2	0.100	0.27
3	0.200	0.59
4	0.400	1.11
5	1.000	2.32
6	2.000	4.25
7	4.000	9.10

ID#:82 Mass:105.00 Name:sec-Butylbenzene
f(x)=3.455287*x rr1=0.999041 rr2=0.998082
MeanRF:3.46 RFSD:0.42 RFRSD:12.11
CurveType:Mean Response Factor
WeightedRegression:None



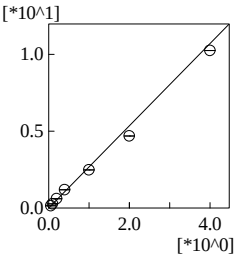
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.19
2	0.100	0.36
3	0.200	0.82
4	0.400	1.56
5	1.000	3.25
6	2.000	5.94
7	4.000	12.70

ID#:83 Mass:146.00 Name:1,3-Dichlorobenzene
f(x)=1.179728*x rr1=0.999187 rr2=0.998375
MeanRF:1.18 RFSD:0.14 RFRSD:11.81
CurveType:Mean Response Factor
WeightedRegression:None



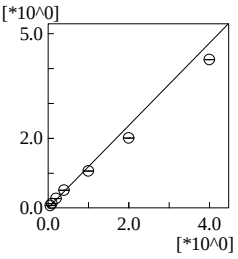
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.07
2	0.100	0.12
3	0.200	0.28
4	0.400	0.53
5	1.000	1.08
6	2.000	2.04
7	4.000	4.32

ID#:84 Mass:119.00 Name:p-iso-Propyltoluene
f(x)=2.675978*x rr1=0.998721 rr2=0.997444
MeanRF:2.68 RFSD:0.29 RFRSD:10.92
CurveType:Mean Response Factor
WeightedRegression:None



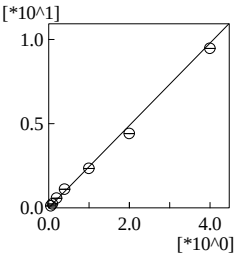
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.15
2	0.100	0.27
3	0.200	0.62
4	0.400	1.21
5	1.000	2.48
6	2.000	4.69
7	4.000	10.25

ID#:85 Mass:146.00 Name:1,4-Dichlorobenzene
f(x)=1.181041*x rr1=0.999235 rr2=0.998470
MeanRF:1.18 RFSD:0.14 RFRSD:11.83
CurveType:Mean Response Factor
WeightedRegression:None



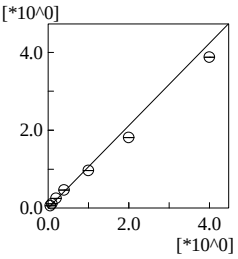
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.07
2	0.100	0.13
3	0.200	0.28
4	0.400	0.51
5	1.000	1.07
6	2.000	2.01
7	4.000	4.25

ID#:86 Mass:91.00 Name:n-Butylbenzene
f(x)=2.439507*x rr1=0.999100 rr2=0.998200
MeanRF:2.44 RFSD:0.28 RFRSD:11.41
CurveType:Mean Response Factor
WeightedRegression:None



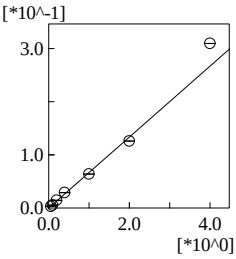
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.13
2	0.100	0.24
3	0.200	0.57
4	0.400	1.10
5	1.000	2.33
6	2.000	4.40
7	4.000	9.47

ID#:87 Mass:146.00 Name:1,2-Dichlorobenzene
f(x)=1.056291*x rr1=0.999077 rr2=0.998156
MeanRF:1.06 RFSD:0.12 RFRSD:11.57
CurveType:Mean Response Factor
WeightedRegression:None



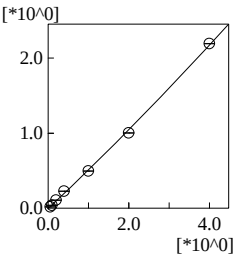
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.06
2	0.100	0.11
3	0.200	0.25
4	0.400	0.46
5	1.000	0.97
6	2.000	1.81
7	4.000	3.87

ID#:88 Mass:157.00 Name:1,2-Dibromo-3-chloropropane
f(x)=0.066654*x rr1=0.995566 rr2=0.991152
MeanRF:0.07 RFSD:0.01 RFRSD:12.67
CurveType:Mean Response Factor
WeightedRegression:None



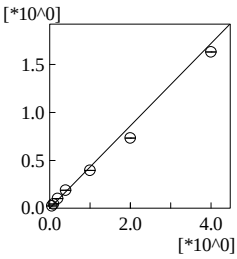
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.00
2	0.100	0.01
3	0.200	0.02
4	0.400	0.03
5	1.000	0.06
6	2.000	0.13
7	4.000	0.31

ID#:89 Mass:180.00 Name:1,2,4-Trichlorobenzene
f(x)=0.009213*x^2+0.507661*x-0.007265 rr1=0.998807 rr2=0.997614
MeanRF:0.48 RFSD:0.09 RFRSD:18.34
CurveType:2nd Order Regression
WeightedRegression:1/C



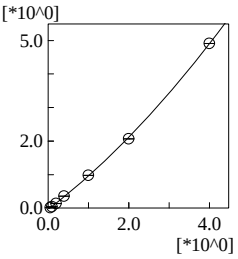
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.02
2	0.100	0.04
3	0.200	0.11
4	0.400	0.23
5	1.000	0.50
6	2.000	1.00
7	4.000	2.19

ID#:90 Mass:225.00 Name:Hexachlorobutadiene
f(x)=0.428519*x rr1=0.998304 rr2=0.996610
MeanRF:0.43 RFSD:0.05 RFRSD:10.83
CurveType:Mean Response Factor
WeightedRegression:None



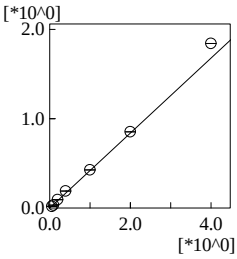
#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.02
2	0.100	0.04
3	0.200	0.10
4	0.400	0.19
5	1.000	0.40
6	2.000	0.73
7	4.000	1.63

ID#:91 Mass:128.00 Name:Naphthalene
f(x)=0.077553*x^2+0.922764*x-0.042030 rr1=0.999743 rr2=0.999486
MeanRF:0.79 RFSD:0.34 RFRSD:42.48
CurveType:2nd Order Regression
WeightedRegression:1/C



#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.02
2	0.100	0.04
3	0.200	0.14
4	0.400	0.36
5	1.000	0.98
6	2.000	2.07
7	4.000	4.91

ID#:92 Mass:180.00 Name:1,2,3-Trichlorobenzene
f(x)=0.418559*x rr1=0.999265 rr2=0.998531
MeanRF:0.42 RFSD:0.06 RFRSD:14.78
CurveType:Mean Response Factor
WeightedRegression:None



#	Conc. Ratio (ppb)	Mean Area Ratio
1	0.060	0.02
2	0.100	0.04
3	0.200	0.09
4	0.400	0.19
5	1.000	0.43
6	2.000	0.85
7	4.000	1.84

Advanced Environmental Laboratories, Inc.

Initial Calibration Verification Summary Report

FORM 6B

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Calibration Date/Time: 11/17/2022 15:22 **Lab File ID:** 221117A014.qgd

Instrument ID: J1A **Lab Sample ID:** ICV2

Parameter	Spike Added	ICV Result	ICV %D	QC Limits Q	QC Limits % D
Benzene	20.0	19.3	3.4		20
MTBE	20.0	18.8	6.1		20
1,2-Dichloroethane-d4	50.0	47.8	4.5		20
Bromofluorobenzene	50.0	51.7	3.3		20
Toluene-d8	50.0	50.0	0		20

Advanced Environmental Laboratories, Inc.

Continuing Calibration Verification Summary Report
FORM 7
SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Lab Sample ID: CCV

Lab File ID: 230131A035.qgd

Calibration Date/Time: 1/31/2023 22:43 **Instrument ID:** J1A

Parameter	Spike Added	CCV Result	CCV %D	QC Limits Q	QC Limits % D
Benzene	20.0	20.4	1.8		20
MTBE	20.0	19.8	0.80		20
1,2-Dichloroethane-d4	50.0	52.4	4.8		20
Bromofluorobenzene	50.0	52.4	4.8		20
Toluene-d8	50.0	48.0	4.0		20

Advanced Environmental Laboratories, Inc.

Continuing Calibration Verification Summary Report
FORM 7
SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Lab Sample ID: ENDCCV

Lab File ID: 230131A058.qgd

Calibration Date/Time: 2/1/2023 08:28 **Instrument ID:** J1A

Parameter	Spike Added	CCV Result	CCV %D	QC Limits Q	QC Limits % D
Benzene	20.0	20.5	2.4		50
MTBE	20.0	21.4	6.9		50
1,2-Dichloroethane-d4	50.0	55.2	10		50
Bromofluorobenzene	50.0	56.0	12		50
Toluene-d8	50.0	52.6	5.2		50

Advanced Environmental Laboratories, Inc.

Continuing Calibration Verification Summary Report
FORM 7
SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Lab Sample ID: CCV

Lab File ID: 230201A034.qgd

Calibration Date/Time: 2/2/2023 00:20 **Instrument ID:** J1A

Parameter	Spike Added	CCV Result	CCV %D	QC Limits Q	QC Limits % D
Benzene	20.0	19.0	5.2		20
MTBE	20.0	19.3	3.5		20
1,2-Dichloroethane-d4	50.0	50.1	0.20		20
Bromofluorobenzene	50.0	52.7	5.5		20
Toluene-d8	50.0	49.4	1.1		20

Advanced Environmental Laboratories, Inc.

Continuing Calibration Verification Summary Report
FORM 7
SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Lab Sample ID: ENDCCV

Lab File ID: 230201A057.qgd

Calibration Date/Time: 2/2/2023 10:06 **Instrument ID:** J1A

Parameter	Spike Added	CCV Result	CCV %D	QC Limits Q	QC Limits % D
Benzene	20.0	23.0	15		50
MTBE	20.0	23.7	18		50
1,2-Dichloroethane-d4	50.0	54.8	9.6		50
Bromofluorobenzene	50.0	53.6	7.2		50
Toluene-d8	50.0	52.0	4.0		50

Advanced Environmental Laboratories, Inc.

FORM 8

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Run Number	**221117A-8260-SOIL-0**
Method	**SW-846 8260C**
Instrument ID	**J1A**

Seq	Sample ID	Analysis Date	Time	DF	Matrix	Data File
2	IB	11/17/2022	10:40	1	SOIL	221117A003.qgd
3	TUNE	11/17/2022	10:40	1	SOIL	221117A003.qgd
4	ICAL1	11/17/2022	11:32	1	SOIL	221117A005.qgd
6	ICAL2	11/17/2022	11:57	1	SOIL	221117A006.qgd
8	ICAL3	11/17/2022	12:49	1	SOIL	221117A008.qgd
10	ICAL4	11/17/2022	13:14	1	SOIL	221117A009.qgd
11	ICAL5	11/17/2022	13:40	1	SOIL	221117A010.qgd
12	ICAL6	11/17/2022	14:05	1	SOIL	221117A011.qgd
13	ICAL7	11/17/2022	14:31	1	SOIL	221117A012.qgd
15	ICV2	11/17/2022	15:22	1	SOIL	221117A014.qgd

Advanced Environmental Laboratories, Inc.

FORM 8

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Run Number	**230131A-8260-SOIL-DOD-1**
Method	**SW-846 8260C**
Instrument ID	**J1A**

Seq	Sample ID	Analysis Date	Time	DF	Matrix	Data File
1.	IB	1/31/2023	21:52	1	SOIL	230131A033.qgd
2.	TUNE	1/31/2023	21:52	1	SOIL	230131A033.qgd
3.	4647692	1/31/2023	21:52	1	SOIL	230131A033.qgd
4.	CCV	1/31/2023	22:43	1	SOIL	230131A035.qgd
5.	4647693	1/31/2023	22:43	1	SOIL	230131A035.qgd
23.	J2301357008	2/1/2023	06:21	1	SOIL	230131A053.qgd
24.	J2301357009	2/1/2023	06:46	1	SOIL	230131A054.qgd
25.	J2301357016	2/1/2023	07:12	1	SOIL	230131A055.qgd
26.	4647694	2/1/2023	07:37	1	SOIL	230131A056.qgd
27.	4647695	2/1/2023	08:03	1	SOIL	230131A057.qgd
28.	ENDCCV	2/1/2023	08:28	1	SOIL	230131A058.qgd

FORM 8

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Run Number	**230201A-8260-SOIL-DOD-1**
Method	**SW-846 8260C**
Instrument ID	**J1A**

Seq	Sample ID	Analysis Date	Time	DF	Matrix	Data File
13	4649799	2/1/2023	23:29	1	SOIL	230201A032.qgd
14	IB	2/1/2023	23:29	1	SOIL	230201A032.qgd
14	TUNE	2/1/2023	23:29	1	SOIL	230201A032.qgd
15	CCV	2/2/2023	00:20	1	SOIL	230201A034.qgd
15	4649800	2/2/2023	00:20	1	SOIL	230201A034.qgd
25	J2301357010	2/2/2023	04:35	1	SOIL	230201A044.qgd
26	J2301357011	2/2/2023	05:00	1	SOIL	230201A045.qgd
27	J2301357012	2/2/2023	05:26	1	SOIL	230201A046.qgd
28	J2301357013	2/2/2023	05:51	1	SOIL	230201A047.qgd
29	J2301357014	2/2/2023	06:17	1	SOIL	230201A048.qgd
30	J2301357015	2/2/2023	06:42	1	SOIL	230201A049.qgd
31	J2301357017	2/2/2023	07:07	1	SOIL	230201A050.qgd
32	J2301357018	2/2/2023	07:33	1	SOIL	230201A051.qgd
37	4649802	2/2/2023	09:40	1	SOIL	230201A056.qgd
38	ENDCCV	2/2/2023	10:06	1	SOIL	230201A057.qgd
38	4649801	2/2/2023	10:06	1	SOIL	230201A057.qgd

Semi-Volatile Organics Section

Result Summary Reports

Advanced Environmental Laboratories, Inc.

Semi Volatile Analysis Results

FORM 1

SW-846 8270D

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357001**		**Client ID:**	**143-RSPZ2-GW-AEB3053-REG**	
			File ID:	**230202L013.qgd**	
Date Collected:	**1/24/2023**	**15:50**			
Date Analyzed:	**2/2/2023**	**20:12**	**Matrix:**	**WATER**	
Date Extracted:	**1/31/2023**	**10:00**	**Instrument ID:**	**J7L**	
Dilution:	**1**		**Analytical Run ID:**	**230202L-8270-DOD-1**	
Sample Wt/Vol:	**960.00**	**mL**	**% Moisture:**	**100**	
Extract Vol:	**1000**	**uL**	**Lims Prep Batch:**	**5652**	
Prep Method:	**SW-846 3510C**		**Lims Analytical Batch:**	**2781**	

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene*	90-12-0	**0.10**	J	0.10	0.21	0.42	ug/L
Benzo[a]anthracene*	56-55-3	**0.21**	U	0.052	0.21	0.42	ug/L
Bis(2-Ethylhexyl) phthalate	117-81-7	**2.6**	U	1.3	2.6	5.2	ug/L
Dibenzo[a,h]anthracene*	53-70-3	**0.21**	U	0.10	0.21	0.42	ug/L
Naphthalene*	91-20-3	**0.21**	U	0.10	0.21	0.42	ug/L

* Analyte Reported in SIM Mode

Diphenylamine is reported from N-Nitrosodiphenylamine and Azobenzene is reported as 1,2-Diphenylhydrazine

Advanced Environmental Laboratories, Inc.

Semi Volatile Analysis Results

FORM 1

SW-846 8270D

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357002**		**Client ID:**	**143-RSPZ3-GW-AEB3055-REG**	
			File ID:	**230202L014.qgd**	
Date Collected:	**1/24/2023**	**14:45**			
Date Analyzed:	**2/2/2023**	**20:51**	**Matrix:**	**WATER**	
Date Extracted:	**1/31/2023**	**10:00**	**Instrument ID:**	**J7L**	
Dilution:	**1**		**Analytical Run ID:**	**230202L-8270-DOD-1**	
Sample Wt/Vol:	**880.00**	**mL**	**% Moisture:**	**100**	
Extract Vol:	**1000**	**uL**	**Lims Prep Batch:**	**5652**	
Prep Method:	**SW-846 3510C**		**Lims Analytical Batch:**	**2781**	

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene*	90-12-0	**21**		0.11	0.23	0.45	ug/L
Benzo[a]anthracene*	56-55-3	**0.23**	U	0.056	0.23	0.45	ug/L
Bis(2-Ethylhexyl) phthalate	117-81-7	**2.8**	U	1.4	2.8	5.7	ug/L
Dibenzo[a,h]anthracene*	53-70-3	**0.23**	U	0.11	0.23	0.45	ug/L
Naphthalene*	91-20-3	**70**		0.11	0.23	0.45	ug/L

* Analyte Reported in SIM Mode

Diphenylamine is reported from N-Nitrosodiphenylamine and Azobenzene is reported as 1,2-Diphenylhydrazine

Advanced Environmental Laboratories, Inc.

Semi Volatile Analysis Results

FORM 1

SW-846 8270D

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357003**		**Client ID:**	**143-RSPZ5-GW-AEB3057-REG**	
			File ID:	**230202L015.qgd**	
Date Collected:	**1/24/2023**	**13:30**			
Date Analyzed:	**2/2/2023**	**21:30**	**Matrix:**	**WATER**	
Date Extracted:	**1/31/2023**	**10:00**	**Instrument ID:**	**J7L**	
Dilution:	**1**		**Analytical Run ID:**	**230202L-8270-DOD-1**	
Sample Wt/Vol:	**850.00**	**mL**	**% Moisture:**	**100**	
Extract Vol:	**1000**	**uL**	**Lims Prep Batch:**	**5652**	
Prep Method:	**SW-846 3510C**		**Lims Analytical Batch:**	**2781**	

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene*	90-12-0	**4.6**		0.12	0.24	0.47	ug/L
Benzo[a]anthracene*	56-55-3	**0.24**	U	0.058	0.24	0.47	ug/L
Bis(2-Ethylhexyl) phthalate	117-81-7	**2.9**	U	1.5	2.9	5.9	ug/L
Dibenzo[a,h]anthracene*	53-70-3	**0.24**	U	0.12	0.24	0.47	ug/L
Naphthalene*	91-20-3	**12**		0.12	0.24	0.47	ug/L

* Analyte Reported in SIM Mode

Diphenylamine is reported from N-Nitrosodiphenylamine and Azobenzene is reported as 1,2-Diphenylhydrazine

Advanced Environmental Laboratories, Inc.

Semi Volatile Analysis Results

FORM 1

SW-846 8270D

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357004**		**Client ID:**	**143-RSPZ2-GW-AEB3054-FD**	
			File ID:	**230202L016.qgd**	
Date Collected:	**1/24/2023**	**15:50**			
Date Analyzed:	**2/2/2023**	**22:08**	**Matrix:**	**WATER**	
Date Extracted:	**1/31/2023**	**10:00**	**Instrument ID:**	**J7L**	
Dilution:	**1**		**Analytical Run ID:**	**230202L-8270-DOD-1**	
Sample Wt/Vol:	**970.00**	**mL**	**% Moisture:**	**100**	
Extract Vol:	**1000**	**uL**	**Lims Prep Batch:**	**5652**	
Prep Method:	**SW-846 3510C**		**Lims Analytical Batch:**	**2781**	

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene*	90-12-0	**0.21**	U	0.10	0.21	0.41	ug/L
Benzo[a]anthracene*	56-55-3	**0.21**	U	0.051	0.21	0.41	ug/L
Bis(2-Ethylhexyl) phthalate	117-81-7	**2.6**	U	1.3	2.6	5.2	ug/L
Dibenzo[a,h]anthracene*	53-70-3	**0.21**	U	0.10	0.21	0.41	ug/L
Naphthalene*	91-20-3	**0.21**	U	0.10	0.21	0.41	ug/L

* Analyte Reported in SIM Mode

Diphenylamine is reported from N-Nitrosodiphenylamine and Azobenzene is reported as 1,2-Diphenylhydrazine

Advanced Environmental Laboratories, Inc.

Semi Volatile Analysis Results

FORM 1

SW-846 8270D

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357005**		**Client ID:**	**143-RSPZ4-GW-AEB3056-REG**	
			File ID:	**230202L017.qgd**	
Date Collected:	**1/25/2023**	**10:15**			
Date Analyzed:	**2/2/2023**	**22:46**	**Matrix:**	**WATER**	
Date Extracted:	**1/31/2023**	**10:00**	**Instrument ID:**	**J7L**	
Dilution:	**1**		**Analytical Run ID:**	**230202L-8270-DOD-1**	
Sample Wt/Vol:	**880.00**	**mL**	**% Moisture:**	**100**	
Extract Vol:	**1000**	**uL**	**Lims Prep Batch:**	**5652**	
Prep Method:	**SW-846 3510C**		**Lims Analytical Batch:**	**2781**	

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene*	90-12-0	**0.23**	U	0.11	0.23	0.45	ug/L
Benzo[a]anthracene*	56-55-3	**0.23**	U	0.056	0.23	0.45	ug/L
Bis(2-Ethylhexyl) phthalate	117-81-7	**2.8**	U	1.4	2.8	5.7	ug/L
Dibenzo[a,h]anthracene*	53-70-3	**0.23**	U	0.11	0.23	0.45	ug/L
Naphthalene*	91-20-3	**0.23**	U	0.11	0.23	0.45	ug/L

* Analyte Reported in SIM Mode

Diphenylamine is reported from N-Nitrosodiphenylamine and Azobenzene is reported as 1,2-Diphenylhydrazine

Advanced Environmental Laboratories, Inc.

Semi Volatile Analysis Results

FORM 1

SW-846 8270D

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357006**		**Client ID:**	**143-RSPZ1-GW-AEB3052-REG**	
			File ID:	**230202L020.qgd**	
Date Collected:	**1/25/2023**	**11:33**			
Date Analyzed:	**2/3/2023**	**00:41**	**Matrix:**	**WATER**	
Date Extracted:	**1/31/2023**	**10:00**	**Instrument ID:**	**J7L**	
Dilution:	**1**		**Analytical Run ID:**	**230202L-8270-DOD-1**	
Sample Wt/Vol:	**890.00**	**mL**	**% Moisture:**	**100**	
Extract Vol:	**1000**	**uL**	**Lims Prep Batch:**	**5652**	
Prep Method:	**SW-846 3510C**		**Lims Analytical Batch:**	**2781**	

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene*	90-12-0	**0.22**	U	0.11	0.22	0.45	ug/L
Benzo[a]anthracene*	56-55-3	**0.22**	U	0.056	0.22	0.45	ug/L
Bis(2-Ethylhexyl) phthalate	117-81-7	**2.8**	U	1.4	2.8	5.6	ug/L
Dibenzo[a,h]anthracene*	53-70-3	**0.22**	U	0.11	0.22	0.45	ug/L
Naphthalene*	91-20-3	**0.13**	J	0.11	0.22	0.45	ug/L

* Analyte Reported in SIM Mode

Diphenylamine is reported from N-Nitrosodiphenylamine and Azobenzene is reported as 1,2-Diphenylhydrazine

Semi Volatile Analysis Results

FORM 1 - Blank

SW-846 8270D

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**4646368**		**Method Blank ID:**	**MB for HBN 152169 [EXTj/5652]**
Date Analyzed:	**2/2/2023**	**18:17**	**Matrix:**	**WATER**
Date Extracted:	**1/31/2023**	**10:00**	**File ID:**	**230202L010.qgd**
Dilution:	**1**		**Instrument ID:**	**J7L**
Sample Wt/Wol:	**1000.00**	**mL**	**Analytical Run ID:**	**230202L-8270-DOD-1**
Extract Vol:	**1000**	**uL**	**% Moisture:**	**100**
			Lims Prep Batch:	**5652**
Prep Method:	**SW-846 3510C**		**Lims Analytical Batch:**	**2781**

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene*	90-12-0	**0.200**	U	0.100	0.200	0.400	ug/L
Benzo[a]anthracene*	56-55-3	**0.200**	U	0.0495	0.200	0.400	ug/L
Bis(2-Ethylhexyl) phthalate	117-81-7	**2.50**	U	1.25	2.50	5.00	ug/L
Dibenzo[a,h]anthracene*	53-70-3	**0.200**	U	0.100	0.200	0.400	ug/L
Naphthalene*	91-20-3	**0.200**	U	0.100	0.200	0.400	ug/L

* Analyte Reported in SIM Mode

Diphenylamine is reported from N-Nitrosodiphenylamine and Azobenzene is reported as 1,2-Diphenylhydrazine

QC Summary Reports

SEMI-VOLATILE ORGANICS
SURROGATE PERCENT RECOVERY SUMMARY
FORM 2A

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Lab Sample ID	Client Sample ID	Matrix	Parameter	Dil	Rec	Q	Limits
4646368	MB for HBN 152169 [EXTj/5652]	WATER	2-Fluorophenol	1	109		19 - 119
		WATER	Phenol-d6	1	105		21 - 132
		WATER	Nitrobenzene-d5	1	95.6		44 - 120
		WATFR	2-Fluorobiphenyl	1	95.1		44 - 119
		WATFR	2,4,6-Tribromophenol	1	93.9		43 - 140
		WATFR	p-Terphenyl-d14	1	104		50 - 134
		WATFR	Fluoranthene-d10	1	98.8		49 - 126
		WATER	2-Methylnapthalene-d10	1	93.0		41 - 131
4646369	LCS for HBN 152169 [EXTj/5652]	WATER	2-Fluorophenol	1	88.7		19 - 119
		WATER	Phenol-d6	1	74.3		21 - 132
		WATFR	Nitrobenzene-d5	1	96.7		44 - 120
		WATFR	2-Fluorobiphenyl	1	93.0		44 - 119
		WATFR	2,4,6-Tribromophenol	1	96.8		43 - 140
		WATFR	p-Terphenyl-d14	1	98.4		50 - 134
		WATFR	Fluoranthene-d10	1	97.3		49 - 126
		WATER	2-Methylnapthalene-d10	1	93.8		41 - 131
4646370	LCSD for HBN 152169 [EXTj/5652	WATER	2-Fluorophenol	1	91.7		19 - 119
		WATFR	Phenol-d6	1	75.9		21 - 132
		WATFR	Nitrobenzene-d5	1	91.9		44 - 120
		WATFR	2-Fluorobiphenyl	1	90.4		44 - 119
		WATFR	2,4,6-Tribromophenol	1	92.8		43 - 140
		WATFR	p-Terphenyl-d14	1	92.7		50 - 134
		WATER	Fluoranthene-d10	1	93.7		49 - 126
		WATER	2-Methylnapthalene-d10	1	89.2		41 - 131
J2301357001	143-RSPZ2-GW-AEB3053-REG	WATFR	2-Fluorophenol	1	51.0		19 - 119
		WATFR	Phenol-d6	1	30.9		21 - 132
		WATFR	Nitrobenzene-d5	1	89.6		44 - 120
		WATFR	2-Fluorobiphenyl	1	85.0		44 - 119
		WATFR	2,4,6-Tribromophenol	1	97.8		43 - 140
		WATER	p-Terphenyl-d14	1	101		50 - 134
		WATER	Fluoranthene-d10	1	97.0		49 - 126
		WATFR	2-Methylnapthalene-d10	1	82.0		41 - 131
J2301357002	143-RSPZ3-GW-AEB3055-REG	WATFR	2-Fluorophenol	1	33.5		19 - 119
		WATFR	Phenol-d6	1	17.5	Q	21 - 132
		WATFR	Nitrobenzene-d5	1	92.4		44 - 120

SEMI-VOLATILE ORGANICS
SURROGATE PERCENT RECOVERY SUMMARY
FORM 2A

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Lab Sample ID	Client Sample ID	Matrix	Parameter	Dil	Rec	Q	Limits
J2301357002	143-RSPZ3-GW-AEB3055-REG	WATFR	2-Fluorobiphenyl	1	85.2		44 - 119
		WATFR	2,4,6-Tribromophenol	1	83.3		43 - 140
		WATFR	p-Terphenyl-d14	1	93.7		50 - 134
		WATFR	Fluoranthene-d10	1	95.0		49 - 126
		WATFR	2-Methylnapthalene-d10	1	82.5		41 - 131
J2301357003	143-RSPZ5-GW-AEB3057-REG	WATFR	2-Fluorophenol	1	36.5		19 - 119
		WATFR	Phenol-d6	1	26.3		21 - 132
		WATFR	Nitrobenzene-d5	1	86.2		44 - 120
		WATER	2-Fluorobiphenyl	1	80.5		44 - 119
		WATER	2,4,6-Tribromophenol	1	74.8		43 - 140
		WATFR	p-Terphenyl-d14	1	94.9		50 - 134
		WATFR	Fluoranthene-d10	1	93.9		49 - 126
		WATFR	2-Methylnapthalene-d10	1	79.0		41 - 131
J2301357004	143-RSPZ2-GW-AEB3054-FD	WATFR	2-Fluorophenol	1	53.2		19 - 119
		WATFR	Phenol-d6	1	33.1		21 - 132
		WATER	Nitrobenzene-d5	1	90.6		44 - 120
		WATER	2-Fluorobiphenyl	1	91.7		44 - 119
		WATER	2,4,6-Tribromophenol	1	97.8		43 - 140
		WATFR	p-Terphenyl-d14	1	96.1		50 - 134
		WATFR	Fluoranthene-d10	1	98.3		49 - 126
		WATFR	2-Methylnapthalene-d10	1	87.6		41 - 131
J2301357005	143-RSPZ4-GW-AEB3056-REG	WATFR	2-Fluorophenol	1	45.4		19 - 119
		WATER	Phenol-d6	1	27.1		21 - 132
		WATER	Nitrobenzene-d5	1	81.7		44 - 120
		WATER	2-Fluorobiphenyl	1	80.1		44 - 119
		WATFR	2,4,6-Tribromophenol	1	90.2		43 - 140
		WATFR	p-Terphenyl-d14	1	100		50 - 134
		WATFR	Fluoranthene-d10	1	95.6		49 - 126
		WATFR	2-Methylnapthalene-d10	1	77.1		41 - 131
4646371	143-RSPZ4-GW-AEB3056-REGM	WATFR	2-Fluorophenol	1	31.1		19 - 119
		WATER	Phenol-d6	1	21.0	Q	21 - 132
		WATER	Nitrobenzene-d5	1	55.8		44 - 120
		WATFR	2-Fluorobiphenyl	1	58.0		44 - 119
		WATFR	2,4,6-Tribromophenol	1	92.9		43 - 140
		WATFR	p-Terphenyl-d14	1	94.4		50 - 134
		WATFR	Fluoranthene-d10	1	97.7		49 - 126



Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS
SURROGATE PERCENT RECOVERY SUMMARY
FORM 2A

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Lab Sample ID	Client Sample ID	Matrix	Parameter	Dil	Rec	Q	Limits
4646371	143-RSPZ4-GW-AEB3056-REGM	WATER	2-Methylnapthalene-d10	1	56.1		41 - 131
4646372	143-RSPZ4-GW-AEB3056-REGM	WATER	2-Fluorophenol	1	36.0		19 - 119
		WATFR	Phenol-d6	1	24.6		21 - 132
		WATFR	Nitrobenzene-d5	1	64.5		44 - 120
		WATFR	2-Fluorobiphenyl	1	67.9		44 - 119
		WATFR	2,4,6-Tribromophenol	1	90.3		43 - 140
		WATFR	p-Terphenyl-d14	1	96.5		50 - 134
		WATER	Fluoranthene-d10	1	92.4		49 - 126
		WATER	2-Methylnapthalene-d10	1	66.2		41 - 131
J2301357006	143-RSPZ1-GW-AEB3052-REG	WATER	2-Fluorophenol	1	50.7		19 - 119
		WATFR	Phenol-d6	1	29.0		21 - 132
		WATFR	Nitrobenzene-d5	1	95.1		44 - 120
		WATFR	2-Fluorobiphenyl	1	92.8		44 - 119
		WATFR	2,4,6-Tribromophenol	1	89.0		43 - 140
		WATER	p-Terphenyl-d14	1	96.7		50 - 134
		WATER	Fluoranthene-d10	1	93.8		49 - 126
		WATER	2-Methylnapthalene-d10	1	91.2		41 - 131

Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS

INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

FORM 2B

SDG No.: J2301357
Client: Environmental Chemical Corporation (ECC)

Date Analyzed: **2/2/2023 14:28** **Instrument ID:** **J7L**
Lab File ID: **230202L004.qgd**

	IS1 AREA #	RT#	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	423577	9.784	1207872	11.913	601311	14.782
UPPER LIMIT	847154	9.834	2415744	11.963	1202622	14.832
LOWER LIMIT	211789	9.734	603936	11.863	300656	14.732
LAB SAMPLE ID						
143-RSPZ1-GW-AEB3052-REG	369044	9.783	1064742	11.913	515224	14.782
143-RSPZ2-GW-AEB3053-REG	360882	9.783	1047698	11.911	516430	14.779
143-RSPZ2-GW-AEB3054-FD	330806	9.783	1013231	11.911	489768	14.780
143-RSPZ3-GW-AEB3055-REG	399302	9.783	1222893	11.912	604017	14.780
143-RSPZ4-GW-AE...(4642152	357416	9.784	1100687	11.913	538258	14.782
143-RSPZ4-GW-AEB...(464215	382704	9.782	1134229	11.912	546239	14.782
143-RSPZ4-GW-AEB3056-REG	368153	9.783	1103802	11.911	524966	14.780
143-RSPZ5-GW-AEB3057-REG	355097	9.783	1064597	11.911	513747	14.780
LCS for HBN 152169 [EXTj/565	364107	9.783	1049335	11.914	518652	14.782
LCSD for HBN 152169 [EXTj/56	365447	9.783	1130546	11.913	552463	14.783
MB for HBN 152169 [EXTj/5652]	335044	9.783	963052	11.913	480861	14.781

IS1 = 1,4-Dichlorobenzene-d4 (IS)
IS2 = Naphthalene-d8 (IS)
IS3 = Acenaphthene-d10 (IS)

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.05 minutes of internal standard RT
RT LOWER LIMIT = -0.05 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS

INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

FORM 2B

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Date Analyzed: 02/02/2023 14:28 **Instrument ID:** J7L

Lab File ID: 230202L004.qgd

	IS4 AREA #	RT#	IS5 AREA #	RT #	IS6 AREA #	RT #
12 HOUR STD	1016671	17.19	915604	21.47	1166067	23.60
UPPER LIMIT	2033342	17.24	1831208	21.52	2332134	23.65
LOWER LIMIT	508336	17.14	457802	21.42	583034	23.55
LAB SAMPLE ID						
143-RSPZ1-GW-AEB3052-REG	924181	17.19	789680	21.47	1064015	23.60
143-RSPZ2-GW-AEB3053-REG	894874	17.19	756979	21.47	1065115	23.60
143-RSPZ2-GW-AEB3054-FD	841700	17.19	749129	21.47	923551	23.60
143-RSPZ3-GW-AEB3055-REG	986228	17.19	883766	21.47	1166409	23.60
143-RSPZ4-GW-AE...(4642152	919584	17.19	773553	21.47	1064949	23.60
143-RSPZ4-GW-AEB...(464215	918839	17.19	841816	21.47	1128522	23.60
143-RSPZ4-GW-AEB3056-REG	919291	17.19	788064	21.47	1076762	23.60
143-RSPZ5-GW-AEB3057-REG	889017	17.19	791194	21.47	981755	23.60
LCS for HBN 152169 [EXTj/565	871460	17.19	753977	21.47	1002020	23.60
LCSD for HBN 152169 [EXTj/56	918219	17.19	799275	21.47	1070311	23.60
MB for HBN 152169 [EXTj/5652]	819387	17.19	734229	21.47	961242	23.60

IS4 = Phenanthrene-d10 (IS)
IS5 = Chrysene-d12 (IS)
IS6 = Perylene-d12 (IS)

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.05 minutes of internal standard RT
RT LOWER LIMIT = -0.05 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS

INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

FORM 2B

SDG No.: J2301357
Client: Environmental Chemical Corporation (ECC)

Date Analyzed: **2/3/2023 01:19** **Instrument ID:** **J7L**
Lab File ID: **230202L021.qgd**

	IS1 AREA #	RT#	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	418615	9.784	1256004	11.914	599997	14.782
UPPER LIMIT	837230	9.834	2512008	11.964	1199994	14.832
LOWER LIMIT	209308	9.734	628002	11.864	299999	14.732
LAB SAMPLE ID						

IS1 = 1,4-Dichlorobenzene-d4 (IS)
IS2 = Naphthalene-d8 (IS)
IS3 = Acenaphthene-d10 (IS)

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.05 minutes of internal standard RT
RT LOWER LIMIT = -0.05 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS

INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

FORM 2B

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Date Analyzed: **02/03/2023 01:19** **Instrument ID:** **J7L**

Lab File ID: **230202L021.qgd**

	IS4 AREA #	RT#	IS5 AREA #	RT #	IS6 AREA #	RT #
12 HOUR STD	987990	17.19	897272	21.47	1089125	23.60
UPPER LIMIT	1975980	17.24	1794544	21.52	2178250	23.65
LOWER LIMIT	493995	17.14	448636	21.42	544563	23.56
LAB SAMPLE ID						

IS4 = Phenanthrene-d10 (IS)
IS5 = Chrysene-d12 (IS)
IS6 = Perylene-d12 (IS)

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.05 minutes of internal standard RT
RT LOWER LIMIT = -0.05 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS

MATRIX SPIKE REPORT

FORM 3A

SW-846 8270D

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

MS Sample ID:	4646371	**Matrix:**	WATER
Client Sample ID:	143-RSPZ4-GW-AEB3056-REG	**Parent Wgt/Vol:**	880.0 mL
Date Extracted:	1/31/2023 10:00	**MS Wgt/Vol:**	900.0 mL
Parent Analyzed:	2/2/2023 22:46	**Parent Final Volume:**	1000 uL
MS Analyzed:	2/2/2023 23:24	**MS Final Volume:**	1000 uL
Parent File ID:	230202L017.qgd	**% Moisture:**	100.00
MS Data File:	230202L018.qgd	**Dilution Factor:**	1.0
Lims Analytical Batch:	2781	**Lims Prep Batch:**	5652
Prep Method:	SW-846 3510C	**Units:**	ug/L

Parameter	Conc Added	Sample Result	Q	Conc MS	Q	%Rec MS	Q	QC Limits Recovery
1-Methylnaphthalene*	55.6	0.227	U	31.0		55.9		41 - 115
Benzo[a]anthracene*	55.6	0.227	U	56.7		102		59 - 120
Bis(2-Ethylhexyl) phthalate	55.6	2.84	U	57.8		104		55 - 135
Dibenzo[a,h]anthracene*	55.6	0.227	U	53.5		96.4		44 - 131
Naphthalene*	55.6	0.227	U	28.4		51.2		43 - 114

NC = Not Calculable - the spike concentration added has been diluted below the LOQ

Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS

MATRIX SPIKE/MATRIX SPIKE DUPLICATE REPORT

FORM 3A

SW-846 8270D

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

MSD Sample ID:	4646372	**Matrix:**	WATER
Client Sample ID:	143-RSPZ4-GW-AEB3056-REG	**Parent Wgt/Vol:**	880.0 mL
Date Prepared:	1/31/2023 10:00	**MSD Wgt/Vol:**	900.0 mL
Parent Analyzed:	2/2/2023 22:46	**Parent Final Volume:**	1000 uL
MSD Analyzed:	2/3/2023 00:02	**MSD Final Volume:**	1000 uL
Dilution MSD:	1.0	**% Moisture:**	100.00
Parent File ID:	230202L017.qgd	**Lims Analytical Batch:**	2781
MSD File ID:	230202L019.qgd	**Lims Prep Batch:**	5652
Prep Method:	SW-846 3510C	**Units:**	ug/L

	Conc			Results		%Rec				QC Limits	
Parameters	**Added**	**Sample**	**Q**	**MSD**	**Q**	**MSD**	**Q**	**RPD**	**Q**	**Recovery**	**RPD**
1-Methylnaphthalene*	55.6	0.227	U	**35.0**		63.0		12		41 - 115	20
Benzo[a]anthracene*	55.6	0.227	U	**57.0**		103		0.50		59 - 120	20
Bis(2-Ethylhexyl) phthalate	55.6	2.84	U	**58.1**		105		0.40		55 - 135	20
Dibenzo[a,h]anthracene*	55.6	0.227	U	**53.0**		95.4		1.1		44 - 131	20
Naphthalene*	55.6	0.227	U	**32.5**		58.5		13		43 - 114	20

NC = Not Calculable - the spike concentration added has been diluted below the LOQ

Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS

LABORATORY CONTROL SAMPLE REPORT

FORM 3C

SW-846 8270D

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

LCS Sample ID: 4646369
Date Extracted: 1/31/2023 10:00
Date Analyzed: 2/2/2023 18:55
Dilution Factor: 1
LCS File ID: 230202L011.qgd

Matrix: WATER
LCS Wgt/Vol: 1000.0 mL
Final Volume: 1000 uL
% Moisture: 100.00
Lims Analytical Batch: 2781
Lims Prep Batch: 5652

Prep Method: SW-846 3510C
Units: ug/L

Parameter	Conc Added	Results LCS	%Rec LCS	Q	QC Limits Recovery
1-Methylnaphthalene*	50.0	48.8	97.6		41 - 115
Benzo[a]anthracene*	50.0	52.9	106		59 - 120
Bis(2-Ethylhexyl) phthalate	50.0	52.9	106		55 - 135
Dibenzo[a,h]anthracene*	50.0	51.7	103		44 - 131
Naphthalene*	50.0	47.3	94.7		43 - 114

Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS

LAB CONTROL SAMPLE/LAB CONTROL SAMPLE DUPLICATE REPORT

FORM 3C

SW-846 8270D

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

LCSD Sample ID:	4646370	**Matrix:**	WATER
Date Extracted:	1/31/2023 10:00	**LCSD Wgt/Vol:**	1000.0 mL
LCSD Analyzed:	2/2/2023 19:34	**LCSD Final Volume:**	1000 uL
LCSD Dilution :	1.0	**% Moisture:**	100.00
LCSD File ID:	230202L012.qgd	**Lims Analytical Batch:**	2781
		Lims Prep Batch:	5652
Prep Method:	SW-846 3510C	**Units:**	ug/L

Parameters	Conc Added	Results LCSD	%Rec LCSD	Q	RPD	Q	QC Limits Recovery	QC Limits RPD
1-Methylnaphthalene*	50.0	45.9	91.8		6.1		41 - 115	20
Benzo[a]anthracene*	50.0	50.8	102		3.9		59 - 120	20
Bis(2-Ethylhexyl) phthalate	50.0	52.7	105		0.40		55 - 135	20
Dibenzo[a,h]anthracene*	50.0	49.2	98.5		4.9		44 - 131	20
Naphthalene*	50.0	44.6	89.3		5.9		43 - 114	20

* = Values outside of QC Limits

Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS

METHOD BLANK SUMMARY

FORM 4A

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	4646368	**Method Blank ID:**	MB for HBN 152169 [EXTj/5652]
Method Blank Lab File ID:	230202L010.qgd	**Date/Time Analyzed:**	2/2/2023 18:17
Matrix:	WATER	**Instrument ID:**	J7L

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

Client ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
LCS for HBN 152169 [EXTj/5652]	4646369	230202L011.qgd	2/2/2023	18:55
LCSD for HBN 152169 [EXTj/5652	4646370	230202L012.qgd	2/2/2023	19:34
143-RSPZ2-GW-AEB3053-REG	J2301357001	230202L013.qgd	2/2/2023	20:12
143-RSPZ3-GW-AEB3055-REG	J2301357002	230202L014.qgd	2/2/2023	20:51
143-RSPZ5-GW-AEB3057-REG	J2301357003	230202L015.qgd	2/2/2023	21:30
143-RSPZ2-GW-AEB3054-FD	J2301357004	230202L016.qgd	2/2/2023	22:08
143-RSPZ4-GW-AEB3056-REG	J2301357005	230202L017.qgd	2/2/2023	22:46
143-RSPZ4-GW-AEB3056-REGMS	4646371	230202L018.qgd	2/2/2023	23:24
143-RSPZ4-GW-AEB3056-REGMSD	4646372	230202L019.qgd	2/3/2023	00:02
143-RSPZ1-GW-AEB3052-REG	J2301357006	230202L020.qgd	2/3/2023	00:41

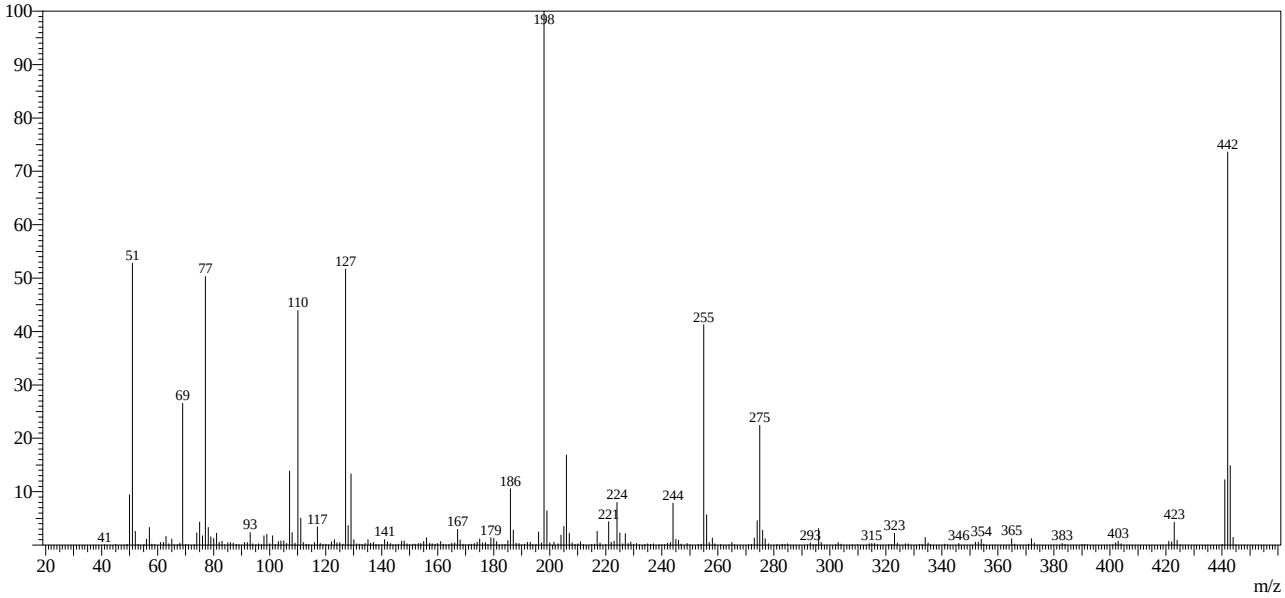
Instrument : J7L Method : dfttp

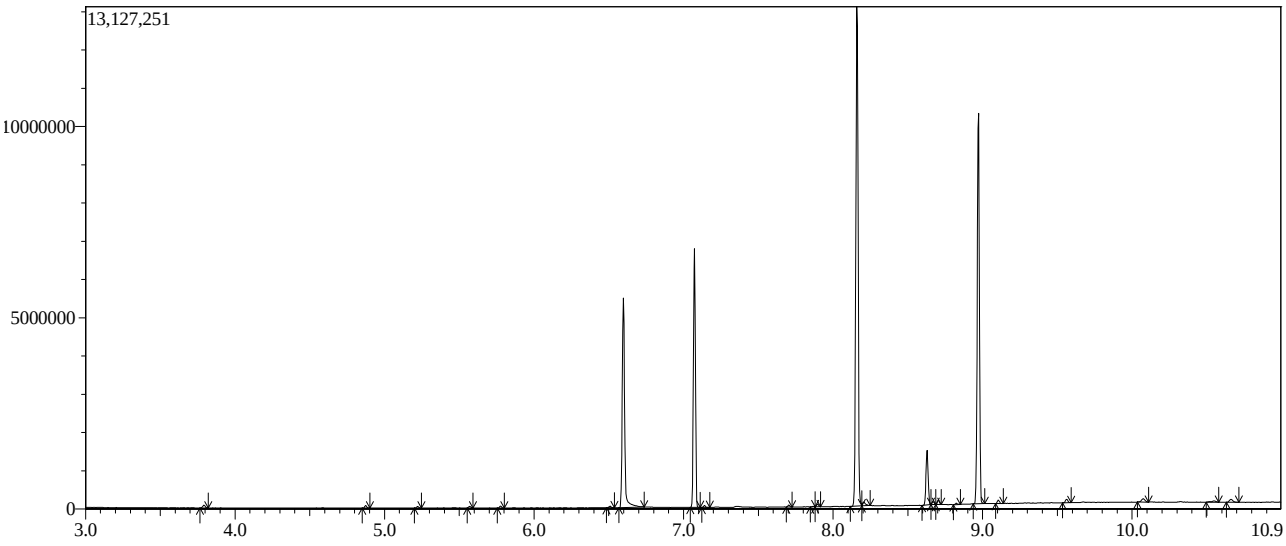
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Sample ID : TUNE
File Name : C:\GCMSsolution\Data\230130L008.qgd Date : 01/30/2023 Time : 12:25:14

Spectrum Check

m/z	Criteria	Rel Inten.	Result	Status
51	30 - 60 percent of mass 198	52.82	52.82	Pass
68	Less than 2 percent of mass 69	0.38	1.42	Pass
69	Mass 69 relative abundunce	26.57	26.57	Pass
70	Less than 2 percent of mass 69	0.15	0.55	Pass
127	40 - 60 percent of mass 198	51.67	51.67	Pass
197	Less than 1 percent of mass 198	0.40	0.40	Pass
198	Base peak, 100 percent relative abundance	100.00	100.00	Pass
199	5 - 9 percent of mass 198	6.41	6.41	Pass
275	10 - 30 percent of mass198	22.43	22.43	Pass
365	Greater than 1 percent of mass 198	1.20	1.20	Pass
441	Present but less than mass 443	12.20	82.23	Pass
442	Greater than 40 percent of mass 198	73.60	73.60	Pass
443	17 - 23 percent of mass 442	14.84	20.16	Pass





Tailing Factor and Degredation Sheet for EPA 8270/625.1

Instrument ID:	J7L
Sequence Date:	230130L
Data File:	230130L008

DDT Degradation

Need < 15% Breakdown for Passing Criteria

				Pass/Fail
DDE Area Count:	0	% Breakdown of DDT	1.04439	Pass
DDD Area Count:	109327			
DDT Area Count:	10358734			

Tailing Factor

Pentachlorophenol (PCP) Tailing Factor <5.0 for 8270C and <2.0 for 625.1, 8270D/E Passing Criteria
Benzidine Tailing Factor <3.0 8270C and <2.0 625.1, 8270D/E for Passing Criteria

Column Performance Report - TIC

	Ret Time	k'	T plate	HETP	Tailing Factor	Resolution	Sep Factor	Area	Height
Pentachlorophenol	6.597	0.74	654569	0	1.119	2.839	1.033	6,092,686	5,478,991
Benzidine	8.16	1.152	980320	0	0.937	8.748	1.064	14,013,237	13,049,328
DDE	0	0	0	0	0	0	0	0	0
DDD	8.704	1.295	1383485	0	1.021	1.201	1.007	109,327	111,999
DDT	8.972	1.366	1235690	0	0.965	4.948	1.029	10,358,734	10,200,686

	625.1/8270D/E Pass/Fail
Pentachlorophenol	Pass
Benzidine	Pass

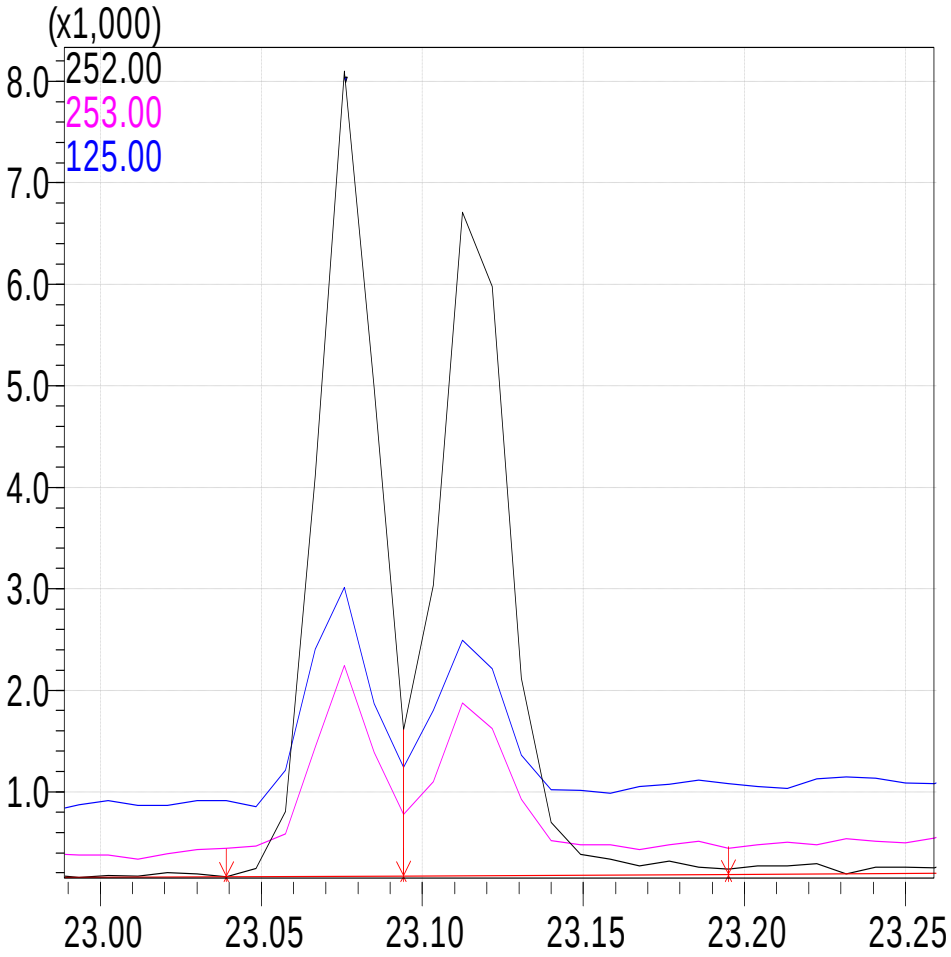
	8270C Pass/Fail
Pentachlorophenol	Pass
Benzidine	Pass

DCN: SVOC-D173
eff 17/10/2017; Rev 3/13/2019

Resolution Check Data File: 230130L011
Analyst: CMN

Sequence Date: 230130L
Instrument ID: J7L

**Screen shot of Benzo(b)fluoranthene and Benzo(k)fluoranthene



Benzo(b)fluoranthene height =	12.4	cm
Benzo(k)fluoranthene height =	10.1	cm
Avg height of Benzo(b) and (k) =	11.25	cm
50% Avg height of Benz (b) and (k) =	5.625	cm
Height of valley between 2 peaks =	2.3	cm

Resolution: Pass

Resolution is achieved if the height of the valley between Benzo(b)fluoranthene and Benzo(k)fluoranthene is less than 50% of the average of the 2 peak heights.

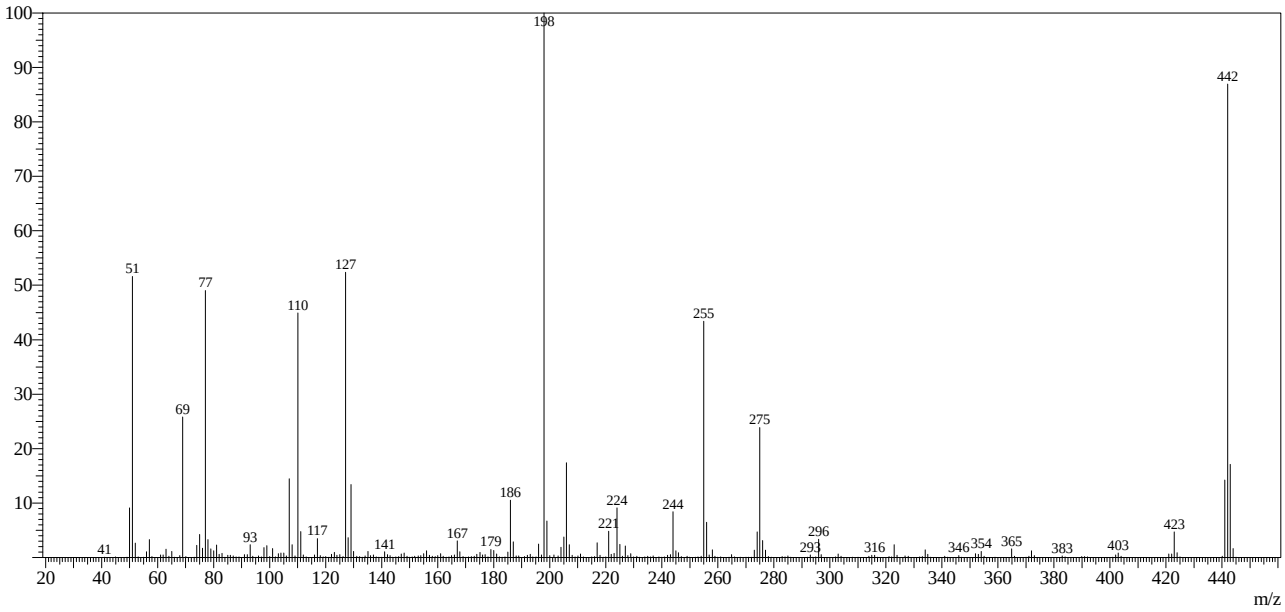
Instrument : J7L Method : dfttp

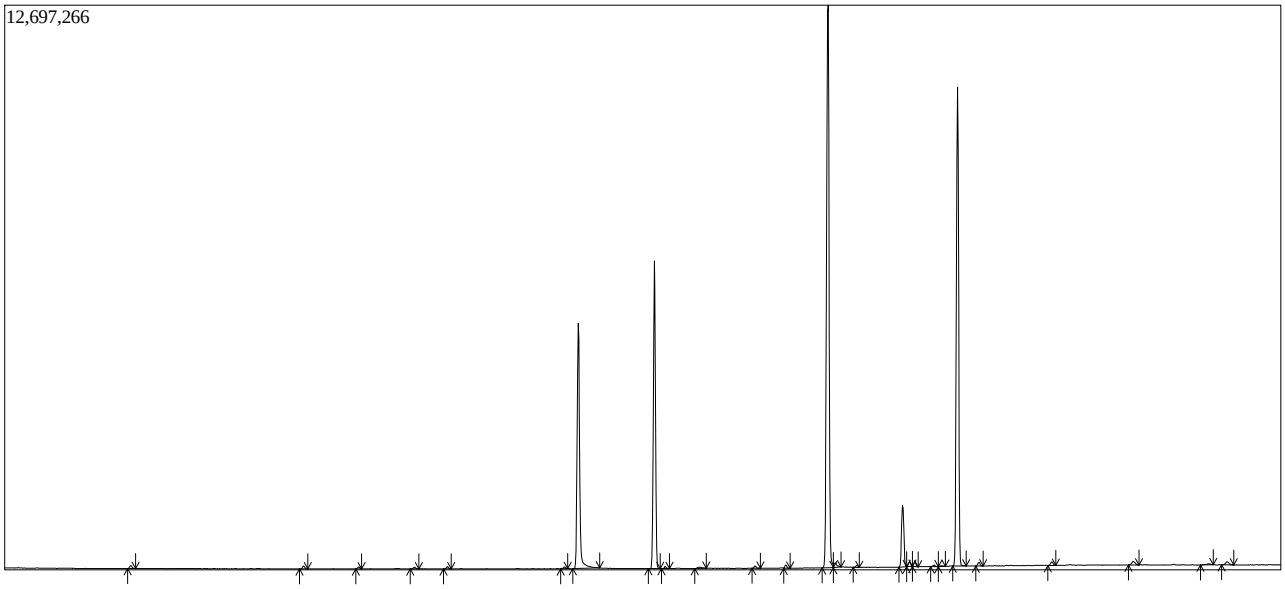
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Sample ID : TUNE
File Name : C:\GCMSsolution\Data\230130L028.qgd Date : 01/31/2023 Time : 0:22:10

Spectrum Check

m/z	Criteria	Rel Inten.	Result	Status
51	30 - 60 percent of mass 198	51.60	51.60	Pass
68	Less than 2 percent of mass 69	0.38	1.47	Pass
70	Less than 2 percent of mass 69	0.16	0.60	Pass
127	40 - 60 percent of mass 198	52.37	52.37	Pass
197	Less than 1 percent of mass 198	0.48	0.48	Pass
198	Base peak, 100 percent relative abundance	100.00	100.00	Pass
199	5 - 9 percent of mass 198	6.68	6.68	Pass
275	10 - 30 percent of mass198	23.85	23.85	Pass
365	Greater than 1 percent of mass 198	1.61	1.61	Pass
441	Present but less than mass 443	14.22	83.02	Pass
442	Greater than 40 percent of mass 198	86.96	86.96	Pass
443	17 - 23 percent of mass 442	17.13	19.70	Pass





Tailing Factor and Degredation Sheet for EPA 8270/625.1

Instrument ID:	J7L
Sequence Date:	230130L
Data File:	230130L028

DDT Degradation

Need < 15% Breakdown for Passing Criteria

				Pass/Fail
DDE Area Count:	43196	% Breakdown of DDT	1.37737	Pass
DDD Area Count:	103739			
DDT Area Count:	10520890			

Tailing Factor

Pentachlorophenol (PCP) Tailing Factor <5.0 for 8270C and <2.0 for 625.1, 8270D/E Passing Criteria
Benzidine Tailing Factor <3.0 8270C and <2.0 625.1, 8270D/E for Passing Criteria

Column Performance Report - TIC

	Ret Time	k'	T plate	HETP	Tailing Factor	Resolution	Sep Factor	Area	Height
Pentachlorophenol	6.594	0.739	653974	0	1.091	2.944	1.032	6,099,990	5,516,050
Benzidine	8.157	1.152	895360	0	0.936	8.944	1.064	13,941,457	12,646,457
DDE	8.338	1.199	1241363	0	0.92	3.144	1.03	43,196	43,197
DDD	8.702	1.295	1401620	0	1.059	1.124	1.007	103,739	115,311
DDT	8.969	1.366	1251793	0	0.963	2.945	1.02	10,520,890	10,768,737

	625.1/8270D/E Pass/Fail
Pentachlorophenol	Pass
Benzidine	Pass

	8270C Pass/Fail
Pentachlorophenol	Pass
Benzidine	Pass

DCN: SVOC-D173
eff 17/10/2017; Rev 3/13/2019

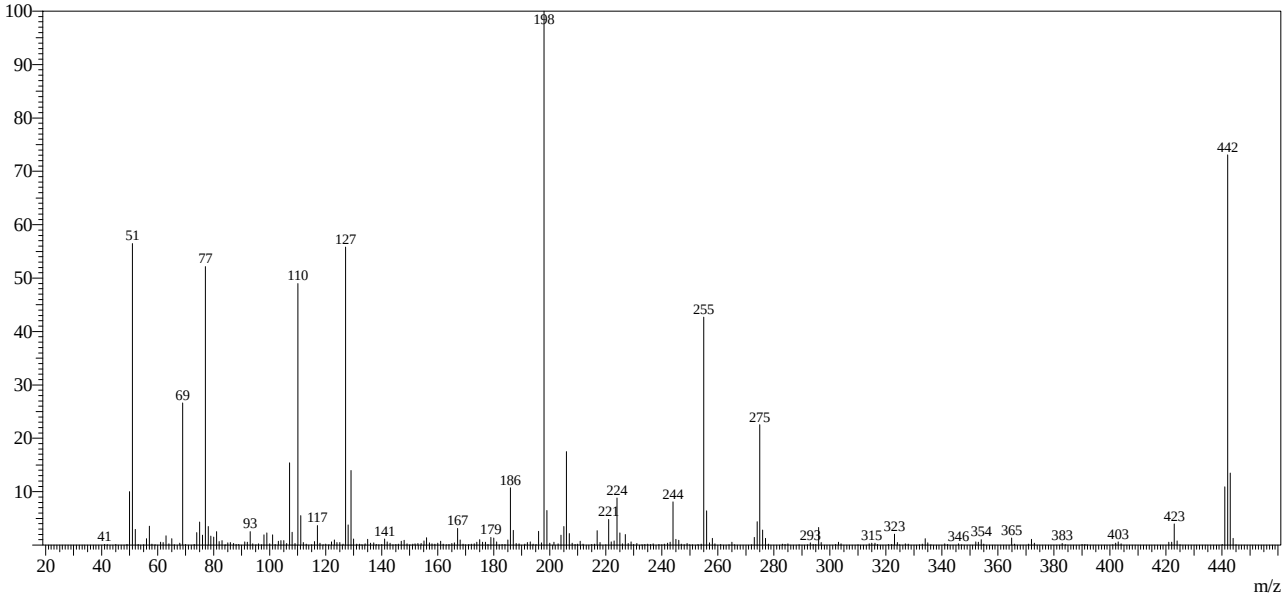
Instrument : J7L Method : dfttp

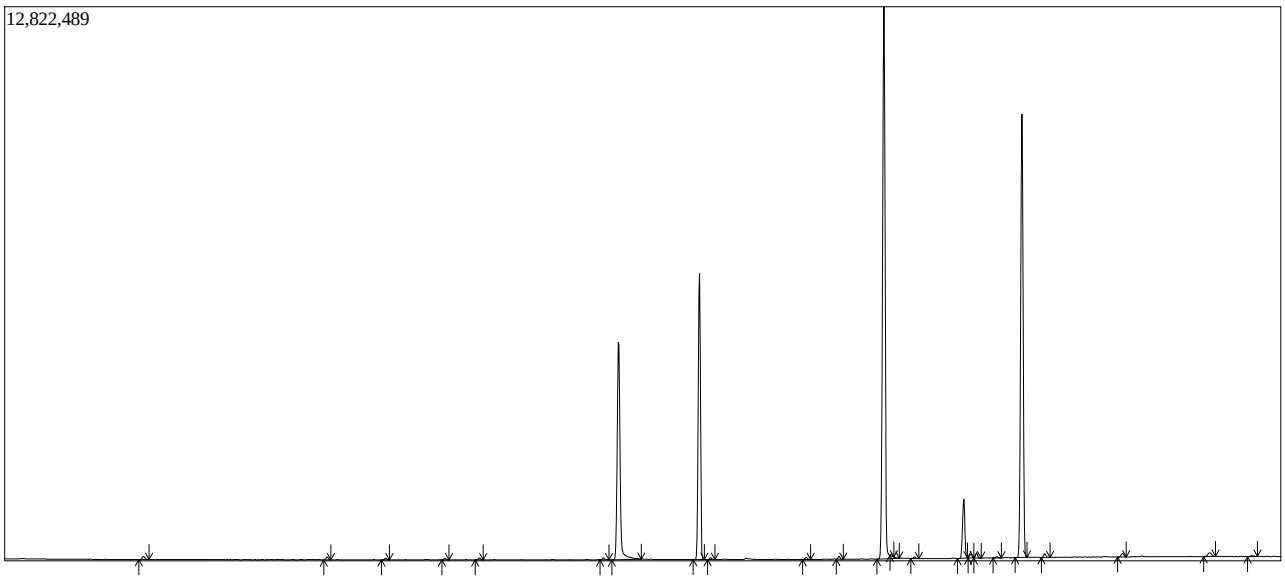
GC Column Length : 30.0m InsideDiameter : 0.25mm

Sample ID : TUNE
File Name : C:\GCMSsolution\Data\230130L037.qgd Date : 01/31/2023 Time : 14:23:07

Spectrum Check

m/z	Criteria	Rel Inten.	Result	Status
51	30 - 60 percent of mass 198	56.48	56.48	Pass
68	Less than 2 percent of mass 69	0.39	1.45	Pass
69	Mass 69 relative abundunce	26.62	26.62	Pass
70	Less than 2 percent of mass 69	0.13	0.48	Pass
127	40 - 60 percent of mass 198	55.82	55.82	Pass
197	Less than 1 percent of mass 198	0.43	0.43	Pass
198	Base peak, 100 percent relative abundance	100.00	100.00	Pass
199	5 - 9 percent of mass 198	6.49	6.49	Pass
275	10 - 30 percent of mass198	22.57	22.57	Pass
365	Greater than 1 percent of mass 198	1.34	1.34	Pass
441	Present but less than mass 443	10.91	81.04	Pass
442	Greater than 40 percent of mass 198	73.11	73.11	Pass
443	17 - 23 percent of mass 442	13.46	18.42	Pass





Tailing Factor and Degredation Sheet for EPA 8270/625.1

Instrument ID:	J7L
Sequence Date:	230130L
Data File:	230130L037

DDT Degradation

Need < 15% Breakdown for Passing Criteria

				Pass/Fail
DDE Area Count:	36802	% Breakdown of DDT	1.30359	Pass
DDD Area Count:	96988			
DDT Area Count:	10129423			

Tailing Factor

Pentachlorophenol (PCP) Tailing Factor <5.0 for 8270C and <2.0 for 625.1, 8270D/E Passing Criteria
Benzidine Tailing Factor <3.0 8270C and <2.0 625.1, 8270D/E for Passing Criteria

Column Performance Report - TIC

	Ret Time	k'	T plate	HETP	Tailing Factor	Resolution	Sep Factor	Area	Height
Pentachlorophenol	6.602	0.73	615308	0	1.11	2.815	1.032	5,810,290	5,029,228
Benzidine	8.159	1.138	909668	0	0.991	8.794	1.064	13,524,685	12,773,431
DDE	8.34	1.186	1179422	0	0.872	5.089	1.03	36,802	35,426
DDD	8.702	1.281	1488286	0	1.107	1.187	1.007	96,988	109,608
DDT	8.97	1.351	1233819	0	0.981	4.908	1.029	10,129,423	10,250,176

	625.1/8270D/E Pass/Fail
Pentachlorophenol	Pass
Benzidine	Pass

	8270C Pass/Fail
Pentachlorophenol	Pass
Benzidine	Pass

DCN: SVOC-D173
eff 17/10/2017; Rev 3/13/2019

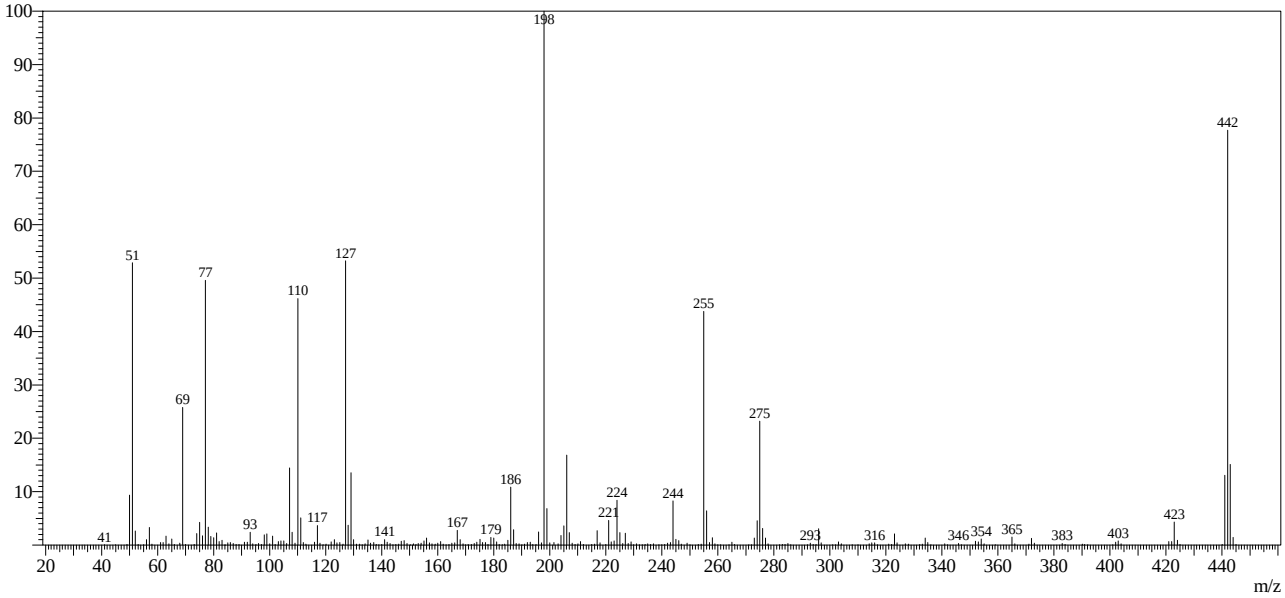
Instrument : J7L Method : dfttp

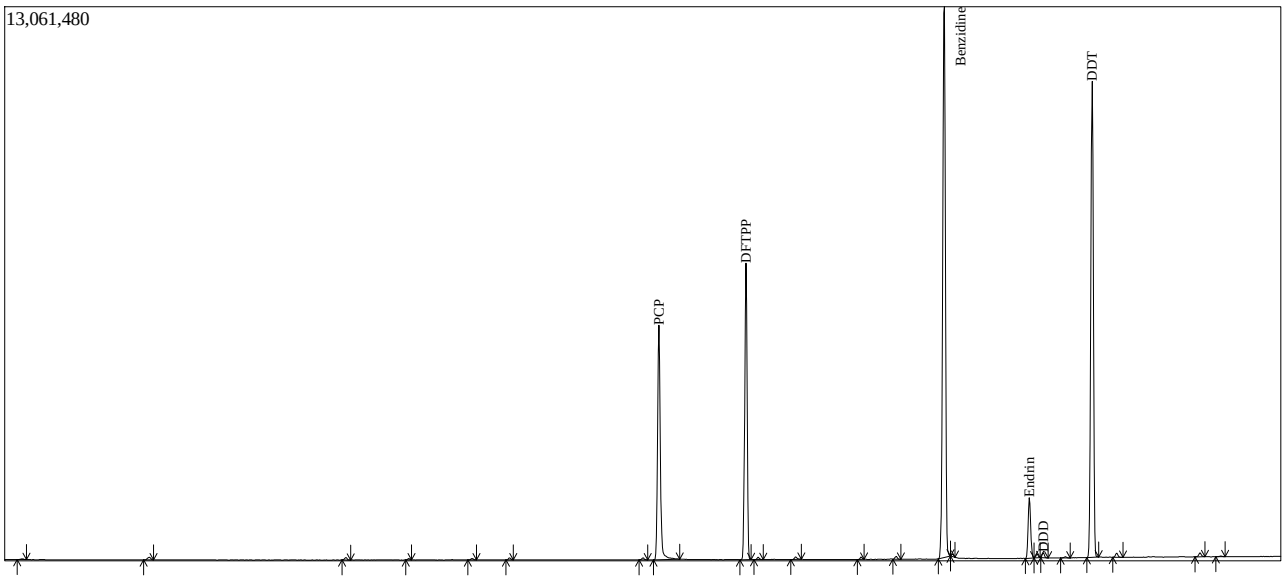
GC Column Length : 30.0m InsideDiameter : 0.25mm

Sample ID : TUNE
File Name : C:\GCMSsolution\Data\230130L044.qgd Date : 02/01/2023 Time : 7:59:16

Spectrum Check

m/z	Criteria	Rel Inten.	Result	Status
51	30 - 60 percent of mass 198	52.88	52.88	Pass
68	Less than 2 percent of mass 69	0.33	1.29	Pass
69	Mass 69 relative abundunce	25.76	25.76	Pass
70	Less than 2 percent of mass 69	0.11	0.43	Pass
127	40 - 60 percent of mass 198	53.22	53.22	Pass
197	Less than 1 percent of mass 198	0.42	0.42	Pass
198	Base peak, 100 percent relative abundance	100.00	100.00	Pass
199	5 - 9 percent of mass 198	6.81	6.81	Pass
275	10 - 30 percent of mass198	23.18	23.18	Pass
365	Greater than 1 percent of mass 198	1.50	1.50	Pass
441	Present but less than mass 443	13.09	86.77	Pass
442	Greater than 40 percent of mass 198	77.73	77.73	Pass
443	17 - 23 percent of mass 442	15.08	19.41	Pass





Tailing Factor and Degredation Sheet for EPA 8270/625.1

Instrument ID:	J7L
Sequence Date:	230130L
Data File:	230130L044

DDT Degradation

Need < 15% Breakdown for Passing Criteria

				Pass/Fail
DDE Area Count:	0	% Breakdown of DDT	0.98569	Pass
DDD Area Count:	106603			
DDT Area Count:	10708424			

Tailing Factor

Pentachlorophenol (PCP) Tailing Factor <5.0 for 8270C and <2.0 for 625.1, 8270D/E Passing Criteria
Benzidine Tailing Factor <3.0 8270C and <2.0 625.1, 8270D/E for Passing Criteria

Column Performance Report - TIC

	Ret Time	k'	T plate	HETP	Tailing Factor	Resolution	Sep Factor	Area	Height
Pentachlorophenol	6.589	1.129	646393	0	1.074	2.91	1.025	5,911,427	5,524,809
Benzidine	8.154	1.634	904144	0	0.936	8.933	1.055	14,161,737	12,980,253
DDE	0	0	0	0	0	0	0	0	0
DDD	8.698	1.81	1569922	0	1.104	1.219	1.006	106,603	118,221
DDT	8.966	1.896	1449848	0	0.962	5.119	1.026	10,708,424	11,222,309

	625.1/8270D/E Pass/Fail
Pentachlorophenol	Pass
Benzidine	Pass

	8270C Pass/Fail
Pentachlorophenol	Pass
Benzidine	Pass

DCN: SVOC-D173
eff 17/10/2017; Rev 3/13/2019

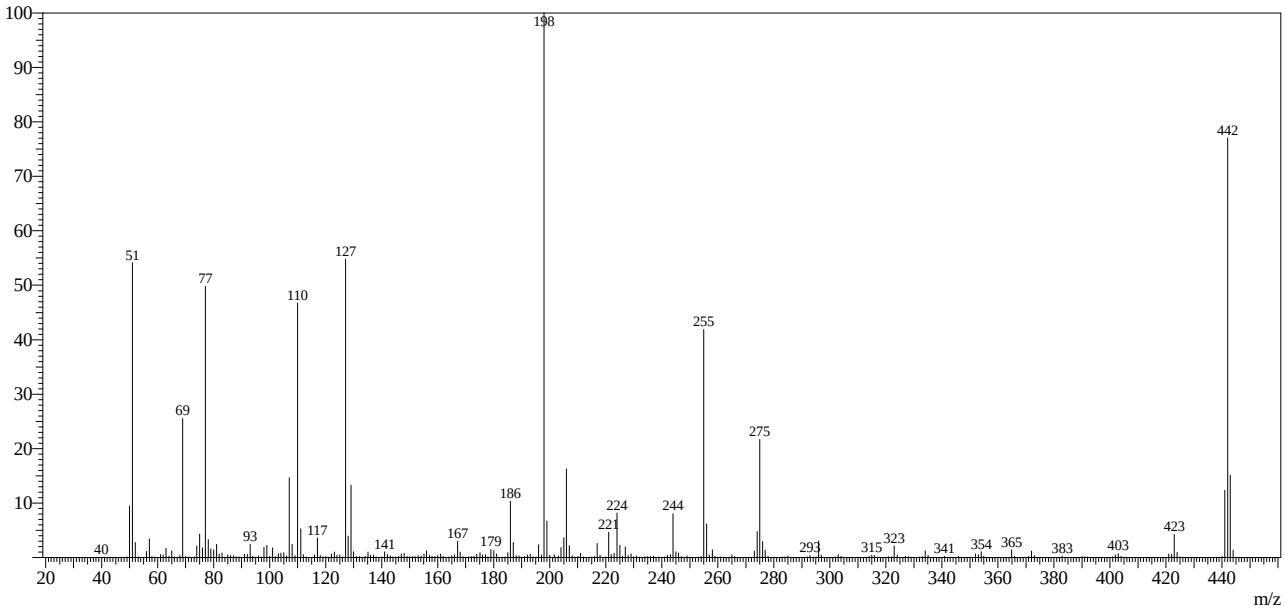
Instrument : J7L Method : dfttp

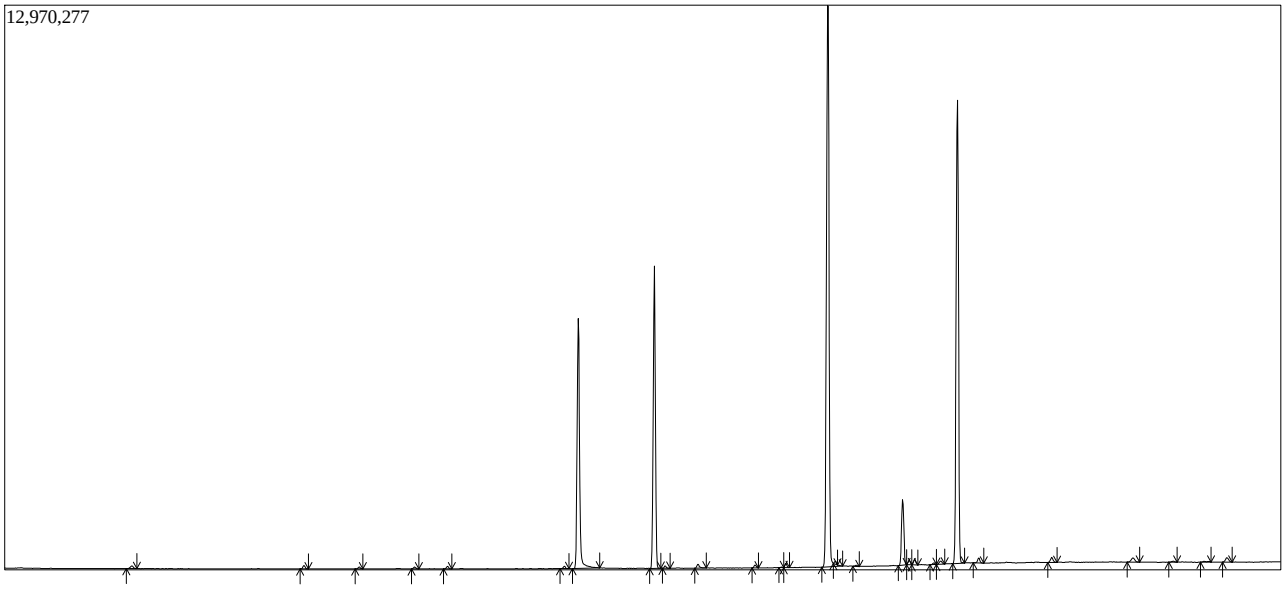
GC Column Length : 30.0m InsideDiameter : 0.25mm

Sample ID : TUNE
File Name : C:\GCMSsolution\Data\230202L003.qgd Date : 02/02/2023 Time : 14:04:12

Spectrum Check

m/z	Criteria	Rel Inten.	Result	Status
51	30 - 60 percent of mass 198	54.12	54.12	Pass
68	Less than 2 percent of mass 69	0.38	1.48	Pass
70	Less than 2 percent of mass 69	0.15	0.58	Pass
127	40 - 60 percent of mass 198	54.77	54.77	Pass
197	Less than 1 percent of mass 198	0.46	0.46	Pass
198	Base peak, 100 percent relative abundance	100.00	100.00	Pass
199	5 - 9 percent of mass 198	6.70	6.70	Pass
275	10 - 30 percent of mass198	21.70	21.70	Pass
365	Greater than 1 percent of mass 198	1.42	1.42	Pass
441	Present but less than mass 443	12.38	81.88	Pass
442	Greater than 40 percent of mass 198	77.06	77.06	Pass
443	17 - 23 percent of mass 442	15.11	19.61	Pass





Tailing Factor and Degredation Sheet for EPA 8270/625.1

Instrument ID:	J7L
Sequence Date:	230202L
Data File:	230202L003

DDT Degradation

Need < 15% Breakdown for Passing Criteria

				Pass/Fail
DDE Area Count:	29452	% Breakdown of DDT	1.08948	Pass
DDD Area Count:	91004			
DDT Area Count:	10935847			

Tailing Factor

Pentachlorophenol (PCP) Tailing Factor <5.0 for 8270C and <2.0 for 625.1, 8270D/E Passing Criteria
Benzidine Tailing Factor <3.0 8270C and <2.0 625.1, 8270D/E for Passing Criteria

Column Performance Report - TIC

	Ret Time	k'	T plate	HETP	Tailing Factor	Resolution	Sep Factor	Area	Height
Pentachlorophenol	6.594	0.736	656623	0	1.085	2.895	1.032	6,267,959	5,738,954
Benzidine	8.157	1.148	910183	0	0.937	8.914	1.064	14,571,875	12,898,740
DDE	8.335	1.195	761797	0	0.909	4.32	1.03	29,452	25,794
DDD	8.667	1.282	1500668	0	1.006	1.38	1.009	91,004	95,498
DDT	8.968	1.362	1190123	0	0.958	2.869	1.021	10,935,847	10,635,480

	625.1/8270D/E Pass/Fail
Pentachlorophenol	Pass
Benzidine	Pass

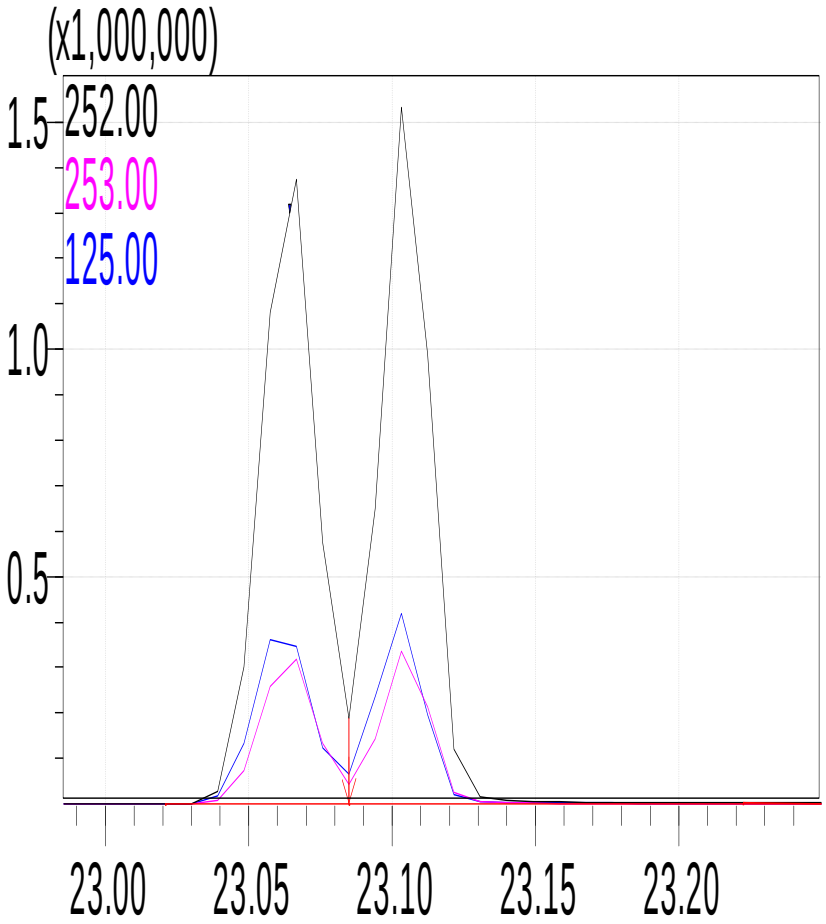
	8270C Pass/Fail
Pentachlorophenol	Pass
Benzidine	Pass

DCN: SVOC-D173
eff 17/10/2017; Rev 3/13/2019

Resolution Check Data File: 230202L004
Analyst: CMN

Sequence Date: 230202L
Instrument ID: J7L

**Screen shot of Benzo(b)fluoranthene and Benzo(k)fluoranthene



Benzo(b)fluoranthene height =	9.5	cm
Benzo(k)fluoranthene height =	10.8	cm
Avg height of Benzo(b) and (k) =	10.15	cm
50% Avg height of Benz (b) and (k) =	5.075	cm
Height of valley between 2 peaks =	1.3	cm
Resolution	Pass	

Resolution is achieved if the height of the valley between Benzo(b)fluoranthene and Benzo(k)fluoranthene is less than 50% of the average of the 2 peak heights.

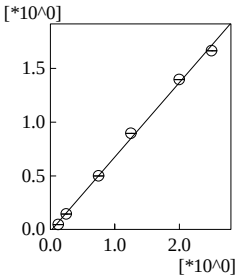
C:\GCMSsolution\Data\8270.625.1-230130L-DOD.qgm

Calibration

ID#:1 Mass:150.00 Name:1,4-Dichlorobenzene-d4 (IS)
f(x)=? rr1=0.000000 rr2=0.000000
MeanRF: 0.00 RFSD:-- RFRSD:--
CurveType:?

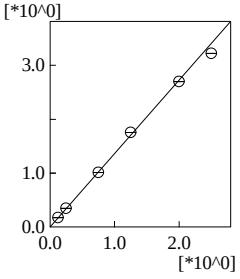
ISTD

ID#:2 Mass:74.00 Name:N-Nitrosodimethylamine
f(x)=0.691544*x-0.017466 rr1=0.998595 rr2=0.997192
MeanRF: 0.62 RFSD:0.13 RFRSD:20.82
CurveType:Least Square Method



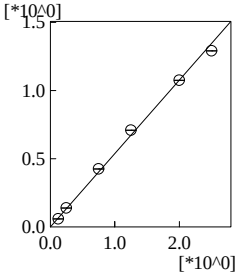
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.05
4	0.250	0.15
5	0.750	0.50
6	1.250	0.90
7	2.000	1.40
8	2.500	1.66

ID#:3 Mass:79.00 Name:Pyridine
f(x)=1.364180*x rr1=0.998903 rr2=0.997808
MeanRF: 1.36 RFSD:0.04 RFRSD:3.26
CurveType:Mean Response Factor



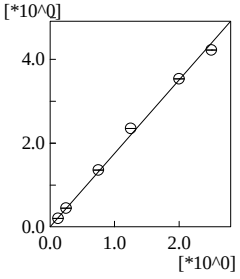
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.17
4	0.250	0.35
5	0.750	1.01
6	1.250	1.76
7	2.000	2.70
8	2.500	3.22

ID#:4 Mass:80.00 Name:Methyl methanesulfonate
f(x)=0.538908*x rr1=0.998573 rr2=0.997148
MeanRF: 0.54 RFSD:0.03 RFRSD:6.11
CurveType:Mean Response Factor



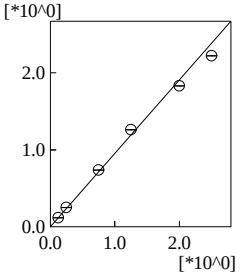
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.06
4	0.250	0.14
5	0.750	0.43
6	1.250	0.71
7	2.000	1.08
8	2.500	1.29

ID#:5 Mass:112.00 Name:2-Fluorophenol
f(x)=1.756800*x rr1=0.998301 rr2=0.996605
MeanRF: 1.76 RFSD:0.09 RFRSD:5.23
CurveType:Mean Response Factor



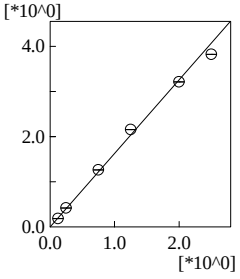
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.20
4	0.250	0.44
5	0.750	1.36
6	1.250	2.35
7	2.000	3.53
8	2.500	4.22

ID#:6 Mass:79.00 Name:Ethyl methanesulfonate
f(x)=0.954991*x rr1=0.997854 rr2=0.995713
MeanRF: 0.95 RFSD:0.05 RFRSD:5.22
CurveType:Mean Response Factor



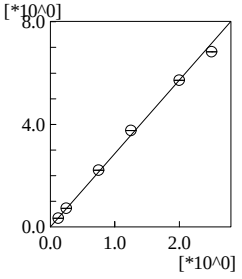
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.12
4	0.250	0.25
5	0.750	0.74
6	1.250	1.26
7	2.000	1.83
8	2.500	2.22

ID#:7 Mass:106.00 Name:Benzaldehyde
f(x)=1.626723*x rr1=0.997822 rr2=0.995649
MeanRF: 1.63 RFSD:0.09 RFRSD:5.34
CurveType:Mean Response Factor



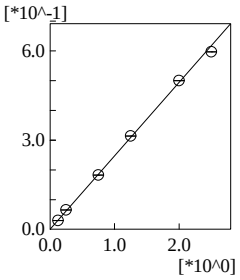
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.19
4	0.250	0.42
5	0.750	1.26
6	1.250	2.16
7	2.000	3.21
8	2.500	3.82

ID#:8 Mass:93.00 Name:Aniline
f(x)=2.866837*x rr1=0.998537 rr2=0.997077
MeanRF: 2.87 RFSD:0.11 RFRSD:3.91
CurveType:Mean Response Factor



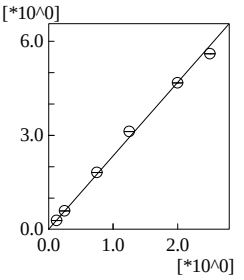
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.34
4	0.250	0.72
5	0.750	2.22
6	1.250	3.76
7	2.000	5.73
8	2.500	6.83

ID#:9 Mass:167.00 Name:Pentachloroethane
f(x)=0.247125*x rr1=0.999280 rr2=0.998561
MeanRF: 0.25 RFSD:0.01 RFRSD:3.15
CurveType:Mean Response Factor



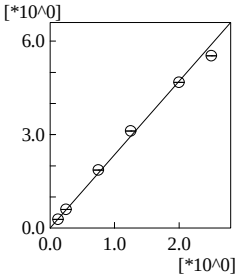
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.03
4	0.250	0.06
5	0.750	0.18
6	1.250	0.31
7	2.000	0.50
8	2.500	0.60

ID#:10 Mass:99.00 Name:Phenol-d6
f(x)=2.344853*x rr1=0.998399 rr2=0.996800
MeanRF: 2.34 RFSD:0.10 RFRSD:4.25
CurveType:Mean Response Factor



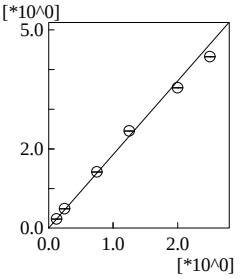
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.28
4	0.250	0.59
5	0.750	1.81
6	1.250	3.11
7	2.000	4.66
8	2.500	5.60

ID#:11 Mass:94.00 Name:Phenol
f(x)=2.359628*x rr1=0.997741 rr2=0.995487
MeanRF: 2.36 RFSD:0.12 RFRSD:5.12
CurveType:Mean Response Factor



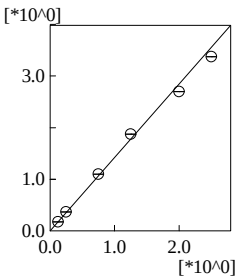
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.28
4	0.250	0.60
5	0.750	1.87
6	1.250	3.11
7	2.000	4.68
8	2.500	5.53

ID#:12 Mass:93.00 Name:bis(2-Chloroethyl)Ether
f(x)=1.853663*x rr1=0.997981 rr2=0.995965
MeanRF: 1.85 RFSD:0.09 RFRSD:5.08
CurveType:Mean Response Factor



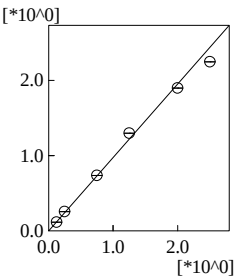
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.23
4	0.250	0.49
5	0.750	1.42
6	1.250	2.45
7	2.000	3.54
8	2.500	4.32

ID#:13 Mass:128.00 Name:2-Chlorophenol
f(x)=1.424039*x rr1=0.998319 rr2=0.996640
MeanRF: 1.42 RFSD:0.06 RFRSD:4.54
CurveType:Mean Response Factor



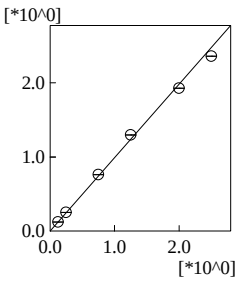
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.18
4	0.250	0.37
5	0.750	1.10
6	1.250	1.88
7	2.000	2.70
8	2.500	3.37

ID#:14 Mass:146.00 Name:1,3-Dichlorobenzene
f(x)=0.976993*x rr1=0.997157 rr2=0.994321
MeanRF: 0.98 RFSD:0.05 RFRSD:5.60
CurveType:Mean Response Factor



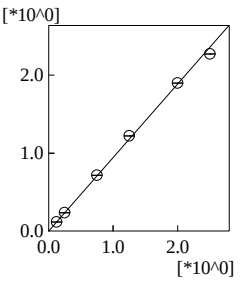
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.12
4	0.250	0.26
5	0.750	0.74
6	1.250	1.30
7	2.000	1.90
8	2.500	2.25

ID#:15 Mass:146.00 Name:1,4-Dichlorobenzene
f(x)=0.990479*x rr1=0.998861 rr2=0.997723
MeanRF: 0.99 RFSD:0.03 RFRSD:3.39
CurveType:Mean Response Factor



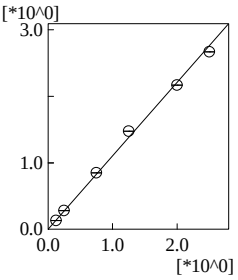
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.12
4	0.250	0.25
5	0.750	0.76
6	1.250	1.29
7	2.000	1.93
8	2.500	2.36

ID#:16 Mass:146.00 Name:1,2-Dichlorobenzene
f(x)=0.941868*x rr1=0.999093 rr2=0.998187
MeanRF: 0.94 RFSD:0.02 RFRSD:2.47
CurveType:Mean Response Factor



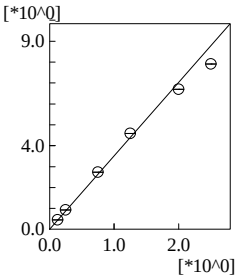
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.12
4	0.250	0.24
5	0.750	0.71
6	1.250	1.22
7	2.000	1.90
8	2.500	2.27

ID#:17 Mass:79.00 Name:Benzyl Alcohol
f(x)=1.106189*x rr1=0.998589 rr2=0.997179
MeanRF: 1.11 RFSD:0.05 RFRSD:4.47
CurveType:Mean Response Factor



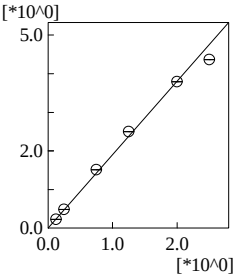
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.13
4	0.250	0.28
5	0.750	0.85
6	1.250	1.48
7	2.000	2.17
8	2.500	2.67

ID#:18 Mass:45.00 Name:bis(2-Chloroisopropyl) Ether
f(x)=3.517419*x rr1=0.996949 rr2=0.993907
MeanRF: 3.52 RFSD:0.22 RFRSD:6.17
CurveType:Mean Response Factor



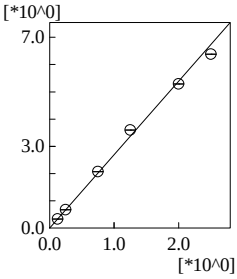
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.45
4	0.250	0.93
5	0.750	2.73
6	1.250	4.59
7	2.000	6.69
8	2.500	7.91

ID#:19 Mass:108.00 Name:2-Methylphenol (o-Cresol)
f(x)=1.904311*x rr1=0.996517 rr2=0.993046
MeanRF: 1.90 RFSD:0.11 RFRSD:5.63
CurveType:Mean Response Factor



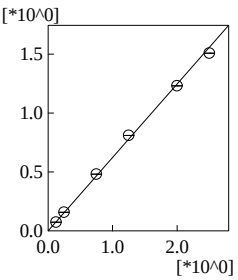
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.23
4	0.250	0.49
5	0.750	1.51
6	1.250	2.50
7	2.000	3.79
8	2.500	4.36

ID#:20 Mass:105.00 Name:Acetophenone
f(x)=2.697117*x rr1=0.998065 rr2=0.996133
MeanRF: 2.70 RFSD:0.11 RFRSD:4.15
CurveType:Mean Response Factor



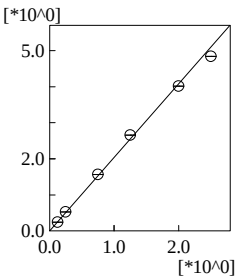
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.33
4	0.250	0.67
5	0.750	2.08
6	1.250	3.59
7	2.000	5.28
8	2.500	6.38

ID#:21 Mass:70.00 Name:N-Nitrosodi-n-propylamine
f(x)=0.624278*x rr1=0.999279 rr2=0.998559
MeanRF: 0.62 RFSD:0.02 RFRSD:3.56
CurveType:Mean Response Factor



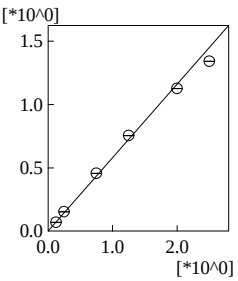
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.07
4	0.250	0.16
5	0.750	0.48
6	1.250	0.81
7	2.000	1.23
8	2.500	1.51

ID#:22 Mass:107.00 Name:3+4-Methylphenol(m&p-Cresol)
f(x)=2.038471*x rr1=0.998842 rr2=0.997684
MeanRF: 2.04 RFSD:0.07 RFRSD:3.65
CurveType:Mean Response Factor



#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.25
4	0.250	0.52
5	0.750	1.57
6	1.250	2.65
7	2.000	4.01
8	2.500	4.84

ID#:23 Mass:117.00 Name:Hexachloroethane
f(x)=0.581174*x rr1=0.997916 rr2=0.995837
MeanRF: 0.58 RFSD:0.03 RFRSD:5.42
CurveType:Mean Response Factor

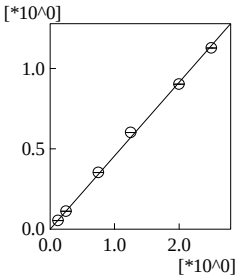


#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.07
4	0.250	0.15
5	0.750	0.46
6	1.250	0.76
7	2.000	1.13
8	2.500	1.34

ID#:24 Mass:136.00 Name:Naphthalene-d8 (IS)
f(x)=? rr1=0.000000 rr2=0.000000
MeanRF: 0.00 RFSD:-- RFRSD:--
CurveType:?

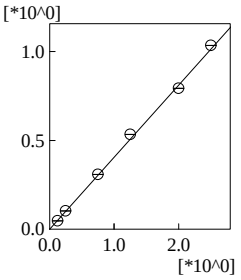
ISTD

ID#:25 Mass:82.00 Name:Nitrobenzene-d5
f(x)=0.456902*x rr1=0.999372 rr2=0.998744
MeanRF: 0.46 RFSD:0.01 RFRSD:3.27
CurveType:Mean Response Factor



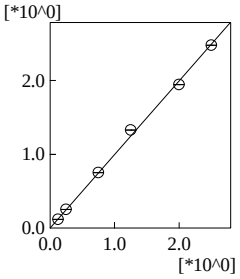
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.06
4	0.250	0.11
5	0.750	0.35
6	1.250	0.60
7	2.000	0.90
8	2.500	1.13

ID#:26 Mass:77.00 Name:Nitrobenzene
f(x)=0.405545*x rr1=0.999155 rr2=0.998312
MeanRF: 0.41 RFSD:0.02 RFRSD:4.40
CurveType:Mean Response Factor



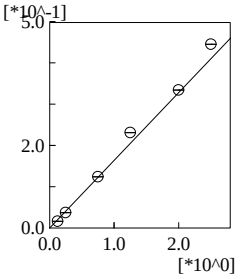
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.05
4	0.250	0.10
5	0.750	0.31
6	1.250	0.53
7	2.000	0.79
8	2.500	1.03

ID#:27 Mass:82.00 Name:Isophorone
f(x)=0.996557*x rr1=0.998966 rr2=0.997933
MeanRF: 1.00 RFSD:0.04 RFRSD:4.08
CurveType:Mean Response Factor



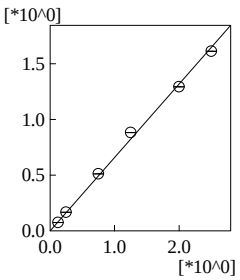
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.12
4	0.250	0.25
5	0.750	0.75
6	1.250	1.33
7	2.000	1.94
8	2.500	2.48

ID#:28 Mass:139.00 Name:2-Nitrophenol
f(x)=0.163912*x rr1=0.998199 rr2=0.996401
MeanRF: 0.16 RFSD:0.02 RFRSD:11.12
CurveType:Mean Response Factor



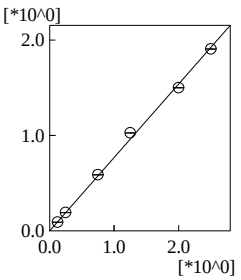
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.02
4	0.250	0.04
5	0.750	0.12
6	1.250	0.23
7	2.000	0.33
8	2.500	0.45

ID#:29 Mass:107.00 Name:2,4-Dimethylphenol
f(x)=0.659436*x rr1=0.998776 rr2=0.997554
MeanRF: 0.66 RFSD:0.03 RFRSD:5.24
CurveType:Mean Response Factor



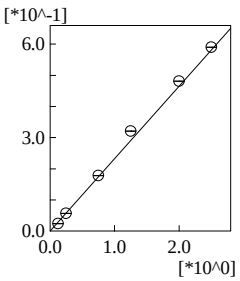
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.08
4	0.250	0.17
5	0.750	0.51
6	1.250	0.88
7	2.000	1.29
8	2.500	1.61

ID#:30 Mass:93.00 Name:Bis(2-Chloroethoxy)methane
f(x)=0.769833*x rr1=0.998902 rr2=0.997804
MeanRF: 0.77 RFSD:0.03 RFRSD:4.09
CurveType:Mean Response Factor



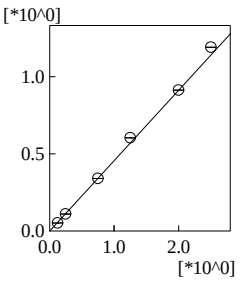
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.09
4	0.250	0.19
5	0.750	0.59
6	1.250	1.03
7	2.000	1.50
8	2.500	1.91

ID#:31 Mass:162.00 Name:2,4-Dichlorophenol
f(x)=0.232834*x rr1=0.998909 rr2=0.997819
MeanRF: 0.23 RFSD:0.02 RFRSD:8.54
CurveType:Mean Response Factor



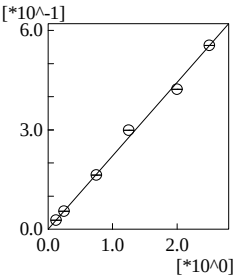
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.02
4	0.250	0.06
5	0.750	0.18
6	1.250	0.32
7	2.000	0.48
8	2.500	0.59

ID#:32 Mass:105.00 Name:Benzoic Acid
f(x)=0.455924*x rr1=0.999349 rr2=0.998698
MeanRF: 0.46 RFSD:0.02 RFRSD:5.17
CurveType:Mean Response Factor



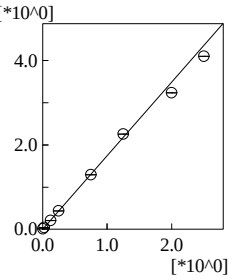
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.05
4	0.250	0.11
5	0.750	0.34
6	1.250	0.60
7	2.000	0.91
8	2.500	1.19

ID#:33 Mass:180.00 Name:1,2,4-Trichlorobenzene
f(x)=0.221524*x rr1=0.997978 rr2=0.995961
MeanRF: 0.22 RFSD:0.01 RFSD:4.28
CurveType:Mean Response Factor



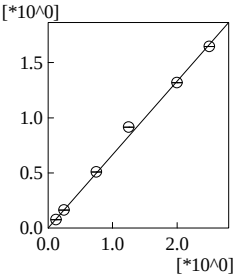
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.03
4	0.250	0.05
5	0.750	0.16
6	1.250	0.30
7	2.000	0.42
8	2.500	0.55

ID#:34 Mass:128.00 Name:Naphthalene
f(x)=1.742838*x rr1=0.998781 rr2=0.997564
MeanRF: 1.74 RFSD:0.15 RFSD:8.75
CurveType:Mean Response Factor



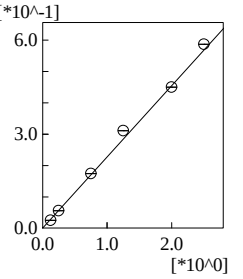
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.04
3	0.125	0.21
4	0.250	0.43
5	0.750	1.29
6	1.250	2.26
7	2.000	3.23
8	2.500	4.10

ID#:35 Mass:127.00 Name:4-Chloroaniline
f(x)=0.666477*x rr1=0.998228 rr2=0.996459
MeanRF: 0.67 RFSD:0.04 RFSD:5.81
CurveType:Mean Response Factor



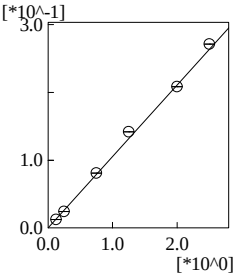
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.08
4	0.250	0.16
5	0.750	0.51
6	1.250	0.92
7	2.000	1.32
8	2.500	1.65

ID#:36 Mass:162.00 Name:2,6-Dichlorophenol
f(x)=0.227163*x rr1=0.998601 rr2=0.997203
MeanRF: 0.23 RFSD:0.02 RFSD:6.87
CurveType:Mean Response Factor



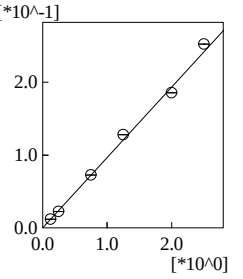
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.03
4	0.250	0.06
5	0.750	0.17
6	1.250	0.31
7	2.000	0.45
8	2.500	0.59

ID#:37 Mass:213.00 Name:Hexachloropropene
f(x)=0.105449*x rr1=0.998947 rr2=0.997895
MeanRF: 0.11 RFSD:0.01 RFSD:5.49
CurveType:Mean Response Factor



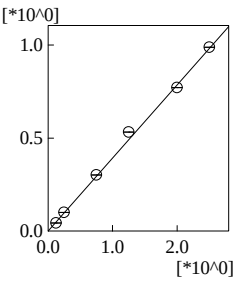
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.01
4	0.250	0.02
5	0.750	0.08
6	1.250	0.14
7	2.000	0.21
8	2.500	0.27

ID#:38 Mass:225.00 Name:Hexachlorobutadiene
f(x)=0.096696*x rr1=0.997784 rr2=0.995572
MeanRF: 0.10 RFSD:0.00 RFSD:4.93
CurveType:Mean Response Factor



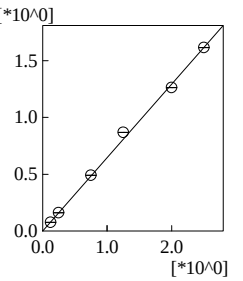
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.01
4	0.250	0.02
5	0.750	0.07
6	1.250	0.13
7	2.000	0.19
8	2.500	0.25

ID#:39 Mass:55.00 Name:Caprolactam
f(x)=0.392517*x rr1=0.998709 rr2=0.997419
MeanRF: 0.39 RFSD:0.03 RFSD:6.82
CurveType:Mean Response Factor



#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.04
4	0.250	0.10
5	0.750	0.30
6	1.250	0.53
7	2.000	0.77
8	2.500	0.99

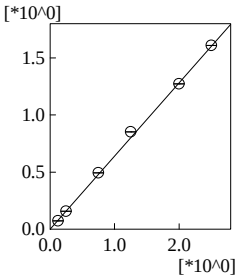
ID#:40 Mass:152.00 Name:2-Methylnaphthalene-d10
f(x)=0.647194*x rr1=0.998801 rr2=0.997602
MeanRF: 0.65 RFSD:0.03 RFSD:4.46
CurveType:Mean Response Factor



#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.08
4	0.250	0.16
5	0.750	0.49
6	1.250	0.87
7	2.000	1.26
8	2.500	1.62

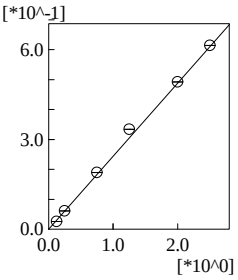
ID#:41 Mass:107.00 Name:4-Chloro-3-methylphenol
f(x)=0.640938*x rr1=0.999324 rr2=0.998649
MeanRF: 0.64 RFSD:0.03 RFRSD:4.55
CurveType:Mean Response Factor

#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.07
4	0.250	0.16
5	0.750	0.49
6	1.250	0.85
7	2.000	1.27
8	2.500	1.61



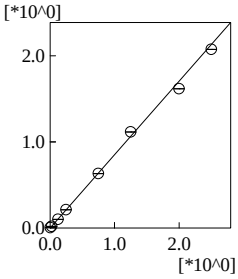
ID#:42 Mass:162.00 Name:Safrole
f(x)=0.243913*x rr1=0.998810 rr2=0.997621
MeanRF: 0.24 RFSD:0.02 RFRSD:8.36
CurveType:Mean Response Factor

#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.03
4	0.250	0.06
5	0.750	0.19
6	1.250	0.33
7	2.000	0.49
8	2.500	0.61



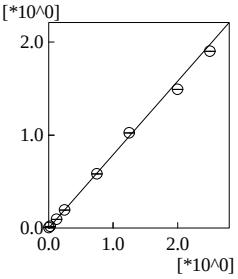
ID#:43 Mass:142.00 Name:2-Methylnaphthalene
f(x)=0.853028*x rr1=0.999147 rr2=0.998295
MeanRF: 0.85 RFSD:0.06 RFRSD:7.02
CurveType:Mean Response Factor

#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.00
2	0.025	0.02
3	0.125	0.10
4	0.250	0.21
5	0.750	0.63
6	1.250	1.11
7	2.000	1.62
8	2.500	2.07



ID#:44 Mass:142.00 Name:1-Methylnaphthalene
f(x)=0.790181*x rr1=0.999238 rr2=0.998476
MeanRF: 0.79 RFSD:0.06 RFRSD:8.02
CurveType:Mean Response Factor

#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.00
2	0.025	0.02
3	0.125	0.09
4	0.250	0.19
5	0.750	0.58
6	1.250	1.02
7	2.000	1.49
8	2.500	1.90

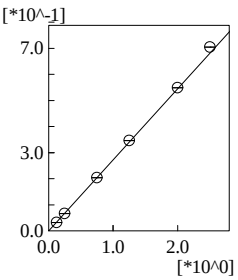


ID#:45 Mass:164.00 Name:Acenaphthene-d10 (IS)
f(x)=? rr1=0.000000 rr2=0.000000
MeanRF: 0.00 RFSD:-- RFRSD:--
CurveType:?

ISTD

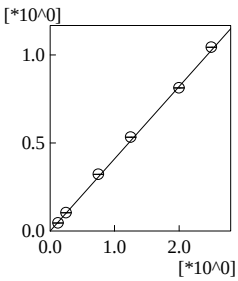
ID#:46 Mass:237.00 Name:Hexachlorocyclopentadiene
f(x)=0.272274*x rr1=0.999836 rr2=0.999673
MeanRF: 0.27 RFSD:0.01 RFRSD:2.76
CurveType:Mean Response Factor

#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.03
4	0.250	0.07
5	0.750	0.20
6	1.250	0.35
7	2.000	0.55
8	2.500	0.70



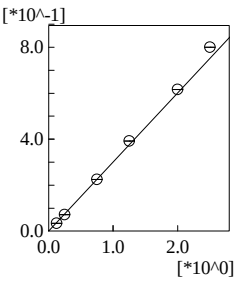
ID#:47 Mass:216.00 Name:1,2,4,5-Tetrachlorobenzene
f(x)=0.410081*x rr1=0.999536 rr2=0.999071
MeanRF: 0.41 RFSD:0.02 RFRSD:5.76
CurveType:Mean Response Factor

#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.05
4	0.250	0.10
5	0.750	0.32
6	1.250	0.53
7	2.000	0.81
8	2.500	1.04

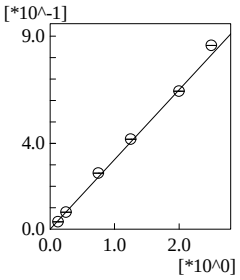


ID#:48 Mass:196.00 Name:2,4,6-Trichlorophenol
f(x)=0.300218*x rr1=0.999627 rr2=0.999255
MeanRF: 0.30 RFSD:0.02 RFRSD:5.97
CurveType:Mean Response Factor

#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.03
4	0.250	0.07
5	0.750	0.22
6	1.250	0.39
7	2.000	0.62
8	2.500	0.80

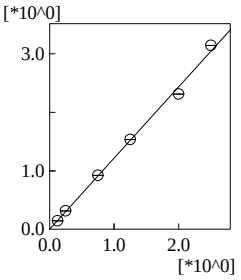


ID#:49 Mass:196.00 Name:2,4,5-Trichlorophenol
f(x)=0.324937*x rr1=0.998830 rr2=0.997662
MeanRF: 0.32 RFSD:0.02 RFRSD:7.58
CurveType:Mean Response Factor



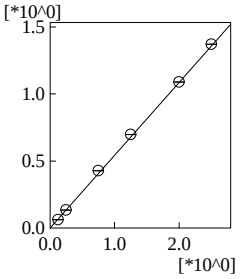
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.04
4	0.250	0.08
5	0.750	0.26
6	1.250	0.42
7	2.000	0.64
8	2.500	0.86

ID#:50 Mass:172.00 Name:2-Fluorobiphenyl
f(x)=1.216277*x rr1=0.998161 rr2=0.996324
MeanRF: 1.22 RFSD:0.04 RFRSD:3.66
CurveType:Mean Response Factor



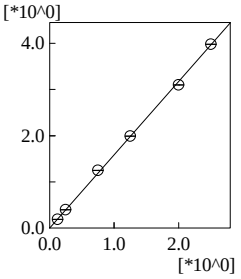
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.15
4	0.250	0.31
5	0.750	0.92
6	1.250	1.53
7	2.000	2.31
8	2.500	3.14

ID#:51 Mass:162.00 Name:Isosafrole
f(x)=0.543208*x rr1=0.999809 rr2=0.999618
MeanRF: 0.54 RFSD:0.02 RFRSD:4.53
CurveType:Mean Response Factor



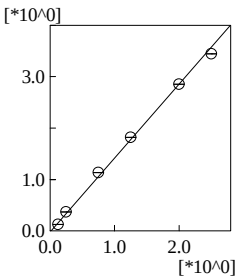
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.06
4	0.250	0.13
5	0.750	0.43
6	1.250	0.70
7	2.000	1.09
8	2.500	1.37

ID#:52 Mass:154.00 Name:1,1'-Biphenyl
f(x)=1.583964*x rr1=0.999637 rr2=0.999274
MeanRF: 1.58 RFSD:0.05 RFRSD:3.29
CurveType:Mean Response Factor



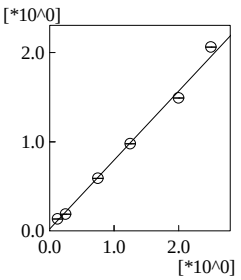
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.19
4	0.250	0.40
5	0.750	1.25
6	1.250	1.99
7	2.000	3.10
8	2.500	3.98

ID#:53 Mass:162.00 Name:2-Chloronaphthalene
f(x)=1.439086*x-0.023677 rr1=0.998483 rr2=0.996969
MeanRF: 1.38 RFSD:0.18 RFRSD:13.04
CurveType:Least Square Method



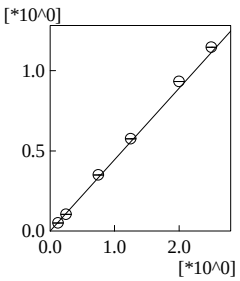
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.13
4	0.250	0.37
5	0.750	1.14
6	1.250	1.82
7	2.000	2.85
8	2.500	3.44

ID#:54 Mass:162.00 Name:1-Chloronaphthalene
f(x)=0.772845*x+0.021599 rr1=0.997687 rr2=0.995380
MeanRF: 0.83 RFSD:0.12 RFRSD:14.73
CurveType:Least Square Method



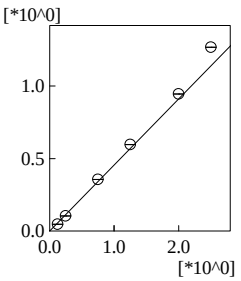
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.13
4	0.250	0.19
5	0.750	0.59
6	1.250	0.98
7	2.000	1.49
8	2.500	2.06

ID#:55 Mass:138.00 Name:2-Nitroaniline
f(x)=0.445715*x rr1=0.999858 rr2=0.999716
MeanRF: 0.45 RFSD:0.03 RFRSD:6.24
CurveType:Mean Response Factor



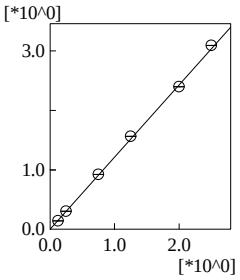
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.05
4	0.250	0.10
5	0.750	0.35
6	1.250	0.58
7	2.000	0.93
8	2.500	1.15

ID#:56 Mass:158.00 Name:1,4-Naphthoquinone
f(x)=0.455765*x rr1=0.998887 rr2=0.997776
MeanRF: 0.46 RFSD:0.05 RFRSD:10.35
CurveType:Mean Response Factor



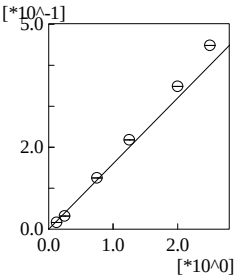
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.05
4	0.250	0.11
5	0.750	0.36
6	1.250	0.60
7	2.000	0.95
8	2.500	1.27

ID#:57 Mass:163.00 Name:Dimethyl phthalate
f(x)=1.216003*x rr1=0.999673 rr2=0.999347
MeanRF: 1.22 RFSD:0.03 RFRSD:2.86
CurveType:Mean Response Factor



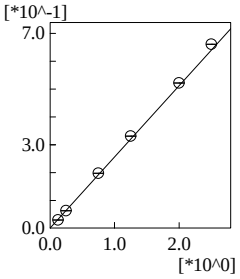
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.14
4	0.250	0.31
5	0.750	0.93
6	1.250	1.56
7	2.000	2.40
8	2.500	3.09

ID#:58 Mass:168.00 Name:1,3-Dinitrobenzene
f(x)=0.160233*x rr1=0.999780 rr2=0.999559
MeanRF: 0.16 RFSD:0.02 RFRSD:13.46
CurveType:Mean Response Factor



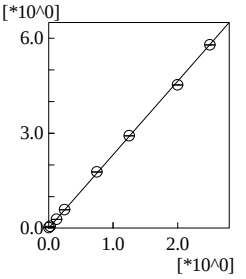
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.02
4	0.250	0.03
5	0.750	0.13
6	1.250	0.22
7	2.000	0.35
8	2.500	0.45

ID#:59 Mass:165.00 Name:2,6-Dinitrotoluene (2,6-DNT)
f(x)=0.255609*x rr1=0.999939 rr2=0.999877
MeanRF: 0.26 RFSD:0.01 RFRSD:5.08
CurveType:Mean Response Factor



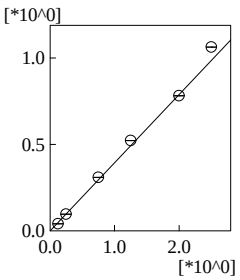
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.03
4	0.250	0.06
5	0.750	0.20
6	1.250	0.33
7	2.000	0.52
8	2.500	0.66

ID#:60 Mass:152.00 Name:Acenaphthylene
f(x)=2.324646*x rr1=0.999836 rr2=0.999672
MeanRF: 2.32 RFSD:0.10 RFRSD:4.51
CurveType:Mean Response Factor



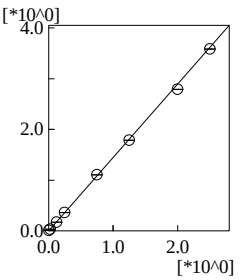
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.06
3	0.125	0.27
4	0.250	0.58
5	0.750	1.78
6	1.250	2.92
7	2.000	4.53
8	2.500	5.79

ID#:61 Mass:138.00 Name:3-Nitroaniline
f(x)=0.394236*x rr1=0.998203 rr2=0.996410
MeanRF: 0.39 RFSD:0.04 RFRSD:9.21
CurveType:Mean Response Factor



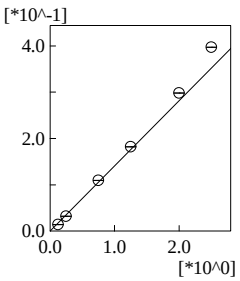
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.04
4	0.250	0.10
5	0.750	0.31
6	1.250	0.52
7	2.000	0.78
8	2.500	1.06

ID#:62 Mass:154.00 Name:Acenaphthene
f(x)=1.449147*x rr1=0.999778 rr2=0.999556
MeanRF: 1.45 RFSD:0.08 RFRSD:5.44
CurveType:Mean Response Factor



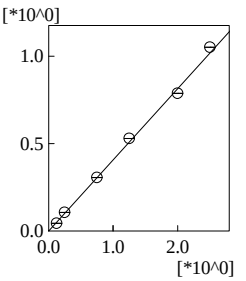
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.04
3	0.125	0.17
4	0.250	0.36
5	0.750	1.11
6	1.250	1.79
7	2.000	2.79
8	2.500	3.59

ID#:63 Mass:184.00 Name:2,4-Dinitrophenol
f(x)=0.140611*x rr1=0.998901 rr2=0.997804
MeanRF: 0.14 RFSD:0.02 RFRSD:11.04
CurveType:Mean Response Factor



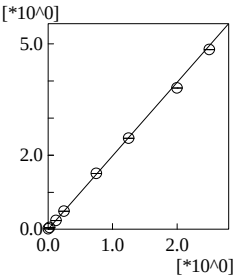
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.01
4	0.250	0.03
5	0.750	0.11
6	1.250	0.18
7	2.000	0.30
8	2.500	0.40

ID#:64 Mass:250.00 Name:Pentachlorobenzene
f(x)=0.406808*x rr1=0.998656 rr2=0.997314
MeanRF: 0.41 RFSD:0.02 RFRSD:5.91
CurveType:Mean Response Factor



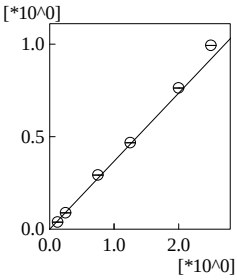
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.05
4	0.250	0.11
5	0.750	0.31
6	1.250	0.53
7	2.000	0.79
8	2.500	1.05

ID#:65 Mass:168.00 Name:Dibenzofuran
f(x)=1.983191*x rr1=0.999845 rr2=0.999691
MeanRF: 1.98 RFSD:0.11 RFRSD:5.76
CurveType:Mean Response Factor



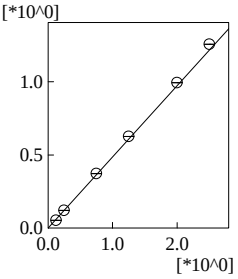
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.05
3	0.125	0.24
4	0.250	0.49
5	0.750	1.51
6	1.250	2.45
7	2.000	3.81
8	2.500	4.85

ID#:66 Mass:165.00 Name:2,4-Dinitrotoluene (2,4-DNT)
f(x)=0.367739*x rr1=0.999433 rr2=0.998866
MeanRF: 0.37 RFSD:0.03 RFRSD:9.16
CurveType:Mean Response Factor



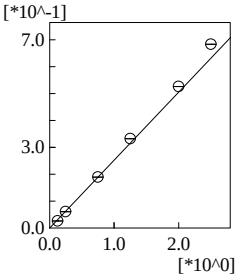
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.04
4	0.250	0.09
5	0.750	0.29
6	1.250	0.47
7	2.000	0.76
8	2.500	0.99

ID#:67 Mass:65.00 Name:4-Nitrophenol
f(x)=0.486011*x rr1=0.999972 rr2=0.999943
MeanRF: 0.49 RFSD:0.03 RFRSD:5.32
CurveType:Mean Response Factor



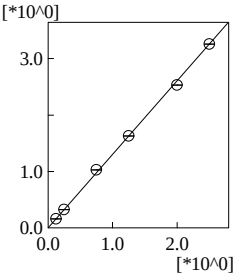
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.05
4	0.250	0.12
5	0.750	0.37
6	1.250	0.63
7	2.000	0.99
8	2.500	1.26

ID#:68 Mass:232.00 Name:2,3,4,6-Tetrachlorophenol
f(x)=0.252615*x rr1=0.999636 rr2=0.999272
MeanRF: 0.25 RFSD:0.02 RFRSD:8.64
CurveType:Mean Response Factor



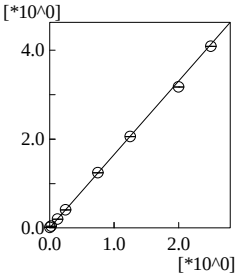
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.03
4	0.250	0.06
5	0.750	0.19
6	1.250	0.33
7	2.000	0.53
8	2.500	0.68

ID#:69 Mass:149.00 Name:Diethyl phthalate
f(x)=1.301458*x rr1=0.999559 rr2=0.999119
MeanRF: 1.30 RFSD:0.04 RFRSD:2.86
CurveType:Mean Response Factor



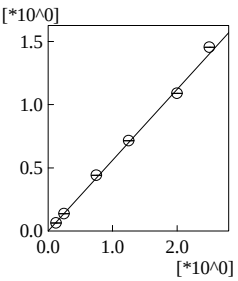
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.16
4	0.250	0.33
5	0.750	1.03
6	1.250	1.63
7	2.000	2.53
8	2.500	3.25

ID#:70 Mass:166.00 Name:Fluorene
f(x)=1.655440*x rr1=0.999765 rr2=0.999531
MeanRF: 1.66 RFSD:0.11 RFRSD:6.62
CurveType:Mean Response Factor



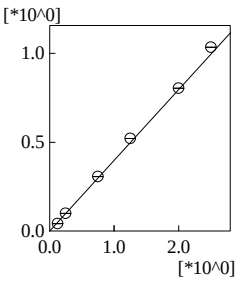
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.04
3	0.125	0.20
4	0.250	0.41
5	0.750	1.25
6	1.250	2.06
7	2.000	3.17
8	2.500	4.09

ID#:71 Mass:204.00 Name:4-Chlorophenyl phenyl ether
f(x)=0.560168*x rr1=0.998748 rr2=0.997498
MeanRF: 0.56 RFSD:0.03 RFRSD:4.62
CurveType:Mean Response Factor



#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.07
4	0.250	0.14
5	0.750	0.44
6	1.250	0.72
7	2.000	1.09
8	2.500	1.45

ID#:72 Mass:138.00 Name:4-Nitroaniline
f(x)=0.397675*x rr1=0.999677 rr2=0.999355
MeanRF: 0.40 RFSD:0.03 RFRSD:6.69
CurveType:Mean Response Factor

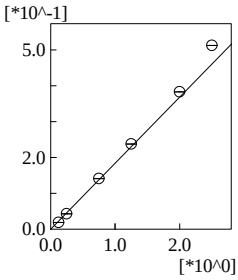


#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.04
4	0.250	0.10
5	0.750	0.31
6	1.250	0.52
7	2.000	0.80
8	2.500	1.03

ID#:73 Mass:188.00 Name:Phenanthrene-d10 (IS)
f(x)=? rr1=0.000000 rr2=0.000000
MeanRF: 0.00 RFSD:-- RFRSD:--
CurveType:?

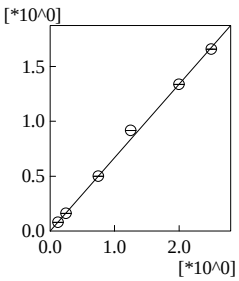
ISTD

ID#:74 Mass:198.00 Name:4,6-Dinitro-2-methylphenol
f(x)=0.183845*x rr1=0.998831 rr2=0.997663
MeanRF: 0.18 RFSD:0.02 RFRSD:9.44
CurveType:Mean Response Factor



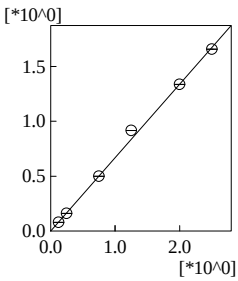
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.02
4	0.250	0.04
5	0.750	0.14
6	1.250	0.24
7	2.000	0.38
8	2.500	0.51

ID#:75 Mass:169.00 Name:N-Nitrosodiphenylamine
f(x)=0.669470*x rr1=0.998512 rr2=0.997026
MeanRF: 0.67 RFSD:0.03 RFRSD:4.86
CurveType:Mean Response Factor



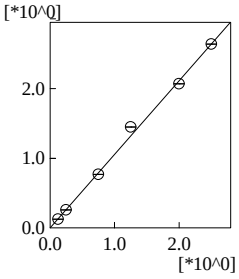
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.08
4	0.250	0.16
5	0.750	0.50
6	1.250	0.91
7	2.000	1.34
8	2.500	1.66

ID#:76 Mass:169.00 Name:Diphenylamine
f(x)=0.669470*x rr1=0.998512 rr2=0.997026
MeanRF: 0.67 RFSD:0.03 RFRSD:4.86
CurveType:Mean Response Factor



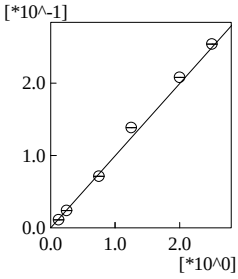
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.08
4	0.250	0.16
5	0.750	0.50
6	1.250	0.91
7	2.000	1.34
8	2.500	1.66

ID#:77 Mass:77.00 Name:1,2-Diphenylhydrazine
f(x)=1.054644*x rr1=0.998120 rr2=0.996244
MeanRF: 1.05 RFSD:0.05 RFRSD:5.19
CurveType:Mean Response Factor



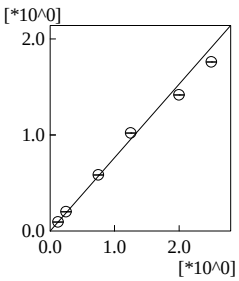
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.13
4	0.250	0.26
5	0.750	0.77
6	1.250	1.45
7	2.000	2.07
8	2.500	2.64

ID#:78 Mass:330.00 Name:2,4,6-Tribromophenol
f(x)=0.099562*x rr1=0.998518 rr2=0.997038
MeanRF: 0.10 RFSD:0.01 RFRSD:7.43
CurveType:Mean Response Factor



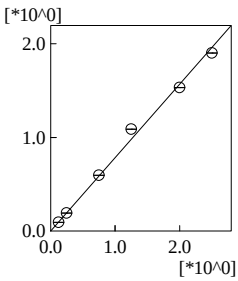
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.01
4	0.250	0.02
5	0.750	0.07
6	1.250	0.14
7	2.000	0.21
8	2.500	0.25

ID#:79 Mass:43.00 Name:(cis/trans)-Diallate
f(x)=0.765611*x rr1=0.996884 rr2=0.993779
MeanRF: 0.77 RFSD:0.05 RFRSD:6.34
CurveType:Mean Response Factor



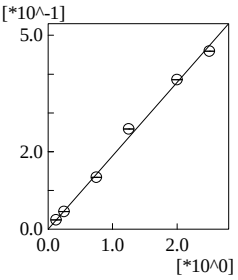
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.10
4	0.250	0.20
5	0.750	0.59
6	1.250	1.02
7	2.000	1.42
8	2.500	1.76

ID#:80 Mass:108.00 Name:Phenacetin
f(x)=0.785118*x rr1=0.997234 rr2=0.994475
MeanRF: 0.79 RFSD:0.05 RFRSD:5.79
CurveType:Mean Response Factor



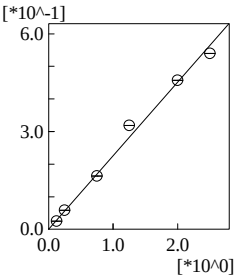
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.09
4	0.250	0.19
5	0.750	0.60
6	1.250	1.09
7	2.000	1.53
8	2.500	1.90

ID#:81 Mass:250.00 Name:4-Bromophenyl phenyl ether
f(x)=0.189559*x rr1=0.997557 rr2=0.995120
MeanRF: 0.19 RFSD:0.01 RFRSD:5.33
CurveType:Mean Response Factor



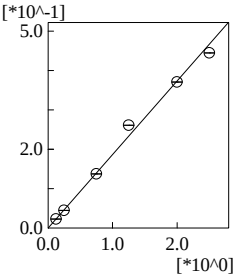
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.02
4	0.250	0.05
5	0.750	0.13
6	1.250	0.26
7	2.000	0.39
8	2.500	0.46

ID#:82 Mass:284.00 Name:Hexachlorobenzene
f(x)=0.225626*x rr1=0.995721 rr2=0.991460
MeanRF: 0.23 RFSD:0.02 RFRSD:7.97
CurveType:Mean Response Factor



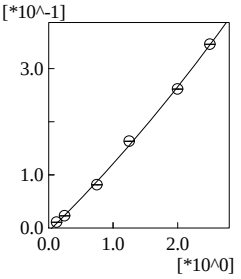
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.03
4	0.250	0.06
5	0.750	0.16
6	1.250	0.32
7	2.000	0.46
8	2.500	0.54

ID#:83 Mass:200.00 Name:Atrazine
f(x)=0.186629*x rr1=0.996392 rr2=0.992797
MeanRF: 0.19 RFSD:0.01 RFRSD:5.94
CurveType:Mean Response Factor



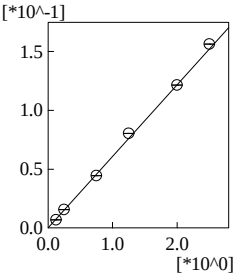
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.02
4	0.250	0.05
5	0.750	0.14
6	1.250	0.26
7	2.000	0.37
8	2.500	0.45

ID#:84 Mass:266.00 Name:Pentachlorophenol
f(x)=0.008589*x^2+0.118702*x-0.006233 rr1=0.999363 rr2=0.998725
MeanRF: 0.11 RFSD:0.02 RFRSD:18.90
CurveType:2nd Order Regression



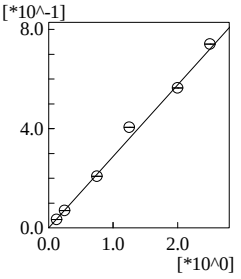
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.01
4	0.250	0.02
5	0.750	0.08
6	1.250	0.16
7	2.000	0.26
8	2.500	0.35

ID#:85 Mass:237.00 Name:Pentachloronitrobenzene
f(x)=0.060853*x rr1=0.999446 rr2=0.998893
MeanRF: 0.06 RFSD:0.00 RFRSD:4.52
CurveType:Mean Response Factor



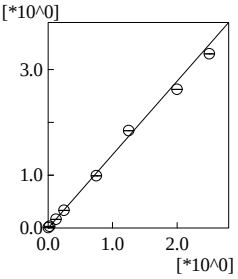
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.01
4	0.250	0.02
5	0.750	0.04
6	1.250	0.08
7	2.000	0.12
8	2.500	0.16

ID#:86 Mass:173.00 Name:Pronamide (Kerb)
f(x)=0.288248*x rr1=0.997189 rr2=0.994386
MeanRF: 0.29 RFSD:0.02 RFRSD:6.81
CurveType:Mean Response Factor



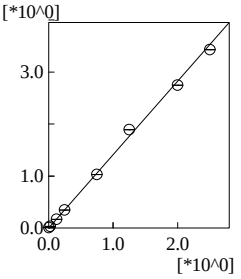
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.03
4	0.250	0.07
5	0.750	0.21
6	1.250	0.41
7	2.000	0.56
8	2.500	0.74

ID#:87 Mass:178.00 Name:Phenanthrene
f(x)=1.392253*x rr1=0.998575 rr2=0.997153
MeanRF: 1.39 RFSD:0.12 RFRSD:8.95
CurveType:Mean Response Factor



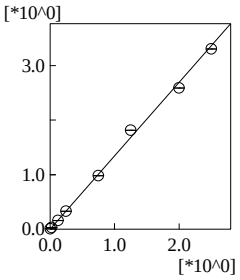
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.03
3	0.125	0.17
4	0.250	0.34
5	0.750	0.99
6	1.250	1.85
7	2.000	2.63
8	2.500	3.30

ID#:88 Mass:178.00 Name:Anthracene
f(x)=1.413609*x rr1=0.998912 rr2=0.997825
MeanRF: 1.41 RFSD:0.10 RFRSD:6.76
CurveType:Mean Response Factor



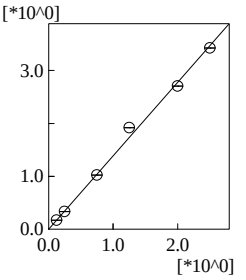
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.03
3	0.125	0.17
4	0.250	0.35
5	0.750	1.03
6	1.250	1.89
7	2.000	2.75
8	2.500	3.43

ID#:89 Mass:167.00 Name:Carbazole
f(x)=1.346323*x rr1=0.998735 rr2=0.997471
MeanRF: 1.35 RFSD:0.10 RFRSD:7.08
CurveType:Mean Response Factor



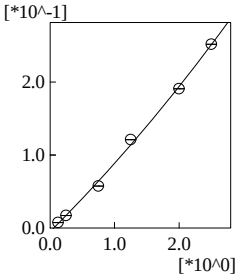
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.03
3	0.125	0.16
4	0.250	0.33
5	0.750	0.98
6	1.250	1.81
7	2.000	2.59
8	2.500	3.30

ID#:90 Mass:149.00 Name:Di-n-butyl phthalate
f(x)=1.389604*x rr1=0.997707 rr2=0.995420
MeanRF: 1.39 RFSD:0.07 RFRSD:5.20
CurveType:Mean Response Factor



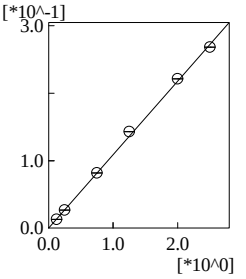
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.17
4	0.250	0.34
5	0.750	1.02
6	1.250	1.92
7	2.000	2.71
8	2.500	3.43

ID#:91 Mass:190.00 Name:4-Nitroquinoline-N-Oxide
f(x)=0.005814*x^2+0.087781*x-0.005066 rr1=0.998891 rr2=0.997783
MeanRF: 0.08 RFSD:0.02 RFRSD:19.48
CurveType:2nd Order Regression



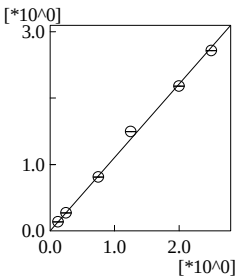
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.01
4	0.250	0.02
5	0.750	0.06
6	1.250	0.12
7	2.000	0.19
8	2.500	0.25

ID#:92 Mass:193.00 Name:Isodrin
f(x)=0.109043*x rr1=0.999349 rr2=0.998699
MeanRF: 0.11 RFSD:0.00 RFRSD:3.04
CurveType:Mean Response Factor



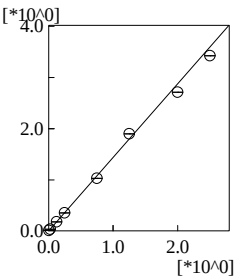
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.01
4	0.250	0.03
5	0.750	0.08
6	1.250	0.14
7	2.000	0.22
8	2.500	0.27

ID#:93 Mass:212.00 Name:Fluoranthene-d10
f(x)=1.106580*x rr1=0.998634 rr2=0.997270
MeanRF: 1.11 RFSD:0.04 RFRSD:3.93
CurveType:Mean Response Factor



#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.14
4	0.250	0.27
5	0.750	0.81
6	1.250	1.49
7	2.000	2.18
8	2.500	2.72

ID#:94 Mass:202.00 Name:Fluoranthene
f(x)=1.436904*x rr1=0.998688 rr2=0.997377
MeanRF: 1.44 RFSD:0.12 RFRSD:8.08
CurveType:Mean Response Factor

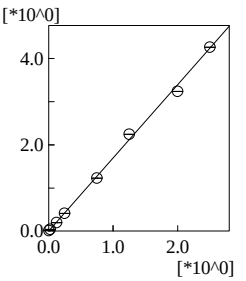


#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.03
3	0.125	0.18
4	0.250	0.35
5	0.750	1.03
6	1.250	1.90
7	2.000	2.71
8	2.500	3.42

ID#:95 Mass:240.00 Name:Chrysene-d12 (IS)
f(x)=? rr1=0.000000 rr2=0.000000
MeanRF: 0.00 RFSD:-- RFRSD:--
CurveType:?

ISTD

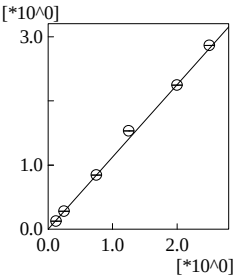
ID#:96 Mass:202.00 Name:Pyrene
f(x)=1.698024*x rr1=0.998933 rr2=0.997867
MeanRF: 1.70 RFSD:0.17 RFRSD:9.79
CurveType:Mean Response Factor



#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.04
3	0.125	0.20
4	0.250	0.41
5	0.750	1.22
6	1.250	2.24
7	2.000	3.23
8	2.500	4.26

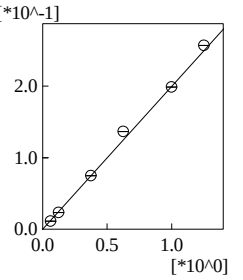
ID#:97 Mass:244.00 Name:p-Terphenyl-d14
f(x)=1.124653*x rr1=0.998969 rr2=0.997939
MeanRF: 1.12 RFSD:0.07 RFRSD:6.23
CurveType:Mean Response Factor

#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.13
4	0.250	0.28
5	0.750	0.85
6	1.250	1.53
7	2.000	2.24
8	2.500	2.86



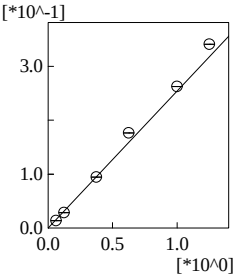
ID#:98 Mass:185.00 Name:Aramite A
f(x)=0.199584*x rr1=0.998739 rr2=0.997480
MeanRF: 0.20 RFSD:0.01 RFRSD:5.98
CurveType:Mean Response Factor

#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.063	0.01
4	0.125	0.02
5	0.375	0.07
6	0.625	0.14
7	1.000	0.20
8	1.250	0.26



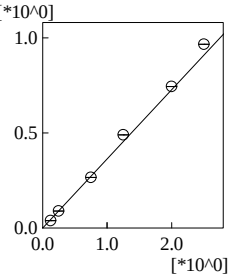
ID#:99 Mass:185.00 Name:Aramite B
f(x)=0.254027*x rr1=0.999024 rr2=0.998049
MeanRF: 0.25 RFSD:0.02 RFRSD:9.15
CurveType:Mean Response Factor

#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.063	0.01
4	0.125	0.03
5	0.375	0.09
6	0.625	0.18
7	1.000	0.26
8	1.250	0.34



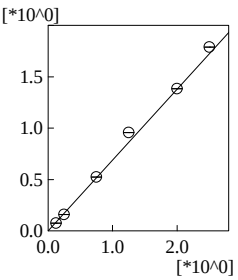
ID#:100 Mass:251.00 Name:Chlorobenzilate
f(x)=0.363592*x rr1=0.999353 rr2=0.998707
MeanRF: 0.36 RFSD:0.03 RFRSD:7.83
CurveType:Mean Response Factor

#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.04
4	0.250	0.09
5	0.750	0.27
6	1.250	0.49
7	2.000	0.75
8	2.500	0.97



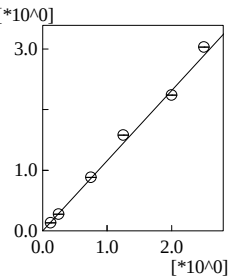
ID#:101 Mass:149.00 Name:Butyl benzyl phthalate
f(x)=0.688815*x rr1=0.998595 rr2=0.997192
MeanRF: 0.69 RFSD:0.05 RFRSD:7.64
CurveType:Mean Response Factor

#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.08
4	0.250	0.16
5	0.750	0.52
6	1.250	0.96
7	2.000	1.39
8	2.500	1.79



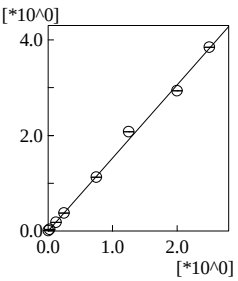
ID#:102 Mass:129.00 Name:Di(2-ethylhexyl) adipate
f(x)=1.156605*x rr1=0.997636 rr2=0.995278
MeanRF: 1.16 RFSD:0.07 RFRSD:6.30
CurveType:Mean Response Factor

#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.13
4	0.250	0.27
5	0.750	0.88
6	1.250	1.58
7	2.000	2.24
8	2.500	3.03



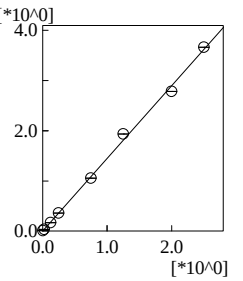
ID#:103 Mass:228.00 Name:Benzo[a]anthracene
f(x)=1.529718*x+0.004233 rr1=0.998971 rr2=0.997943
MeanRF: 1.66 RFSD:0.38 RFRSD:23.08
CurveType:Least Square Method

#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.04
3	0.125	0.18
4	0.250	0.38
5	0.750	1.13
6	1.250	2.08
7	2.000	2.94
8	2.500	3.85

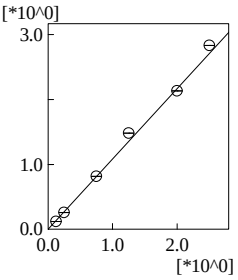


ID#:104 Mass:228.00 Name:Chrysene
f(x)=1.448716*x+0.002181 rr1=0.998870 rr2=0.997740
MeanRF: 1.52 RFSD:0.23 RFRSD:15.07
CurveType:Least Square Method

#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.04
3	0.125	0.17
4	0.250	0.36
5	0.750	1.06
6	1.250	1.94
7	2.000	2.79
8	2.500	3.66

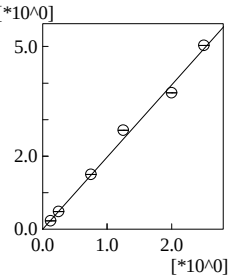


ID#:105 Mass:149.00 Name:Bis(2-Ethylhexyl) phthalate
f(x)=1.082483*x rr1=0.998225 rr2=0.996453
MeanRF: 1.08 RFSD:0.07 RFRSD:6.48
CurveType:Mean Response Factor



#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.12
4	0.250	0.26
5	0.750	0.81
6	1.250	1.48
7	2.000	2.13
8	2.500	2.83

ID#:106 Mass:149.00 Name:Di-n-octyl phthalate
f(x)=1.975864*x rr1=0.996935 rr2=0.993879
MeanRF: 1.98 RFSD:0.11 RFRSD:5.63
CurveType:Mean Response Factor

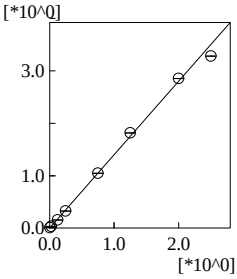


#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.23
4	0.250	0.48
5	0.750	1.50
6	1.250	2.71
7	2.000	3.74
8	2.500	5.03

ID#:107 Mass:264.00 Name:Perylene-d12 (IS)
f(x)=? rr1=0.000000 rr2=0.000000
MeanRF: 0.00 RFSD:-- RFRSD:--
CurveType:?

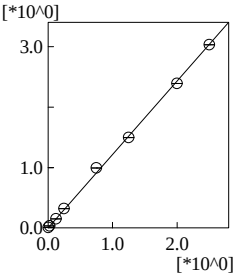
ISTD

ID#:108 Mass:252.00 Name:Benzo[b]fluoranthene
f(x)=1.402667*x rr1=0.998160 rr2=0.996323
MeanRF: 1.40 RFSD:0.16 RFRSD:11.15
CurveType:Mean Response Factor



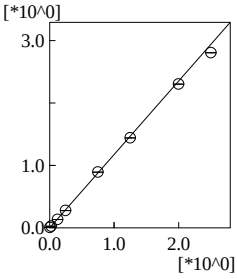
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.03
3	0.125	0.16
4	0.250	0.33
5	0.750	1.05
6	1.250	1.82
7	2.000	2.86
8	2.500	3.28

ID#:109 Mass:252.00 Name:Benzo[k]fluoranthene
f(x)=1.214990*x+0.002831 rr1=0.999485 rr2=0.998971
MeanRF: 1.31 RFSD:0.17 RFRSD:13.25
CurveType:Least Square Method



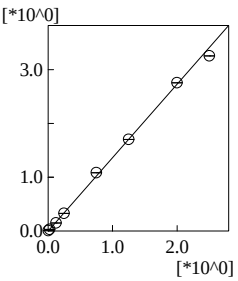
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.03
3	0.125	0.15
4	0.250	0.32
5	0.750	0.99
6	1.250	1.49
7	2.000	2.39
8	2.500	3.03

ID#:110 Mass:252.00 Name:Benzo[a]pyrene
f(x)=1.177549*x rr1=0.999746 rr2=0.999493
MeanRF: 1.18 RFSD:0.12 RFRSD:10.52
CurveType:Mean Response Factor



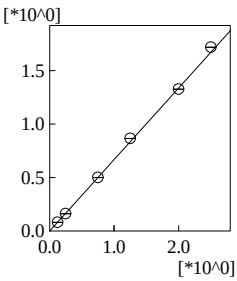
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.03
3	0.125	0.13
4	0.250	0.28
5	0.750	0.90
6	1.250	1.44
7	2.000	2.30
8	2.500	2.81

ID#:111 Mass:276.00 Name:Indeno(1,2,3-cd)pyrene
f(x)=1.365428*x rr1=0.999102 rr2=0.998206
MeanRF: 1.37 RFSD:0.13 RFRSD:9.32
CurveType:Mean Response Factor



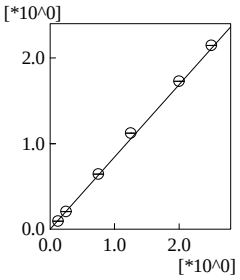
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.03
3	0.125	0.15
4	0.250	0.33
5	0.750	1.08
6	1.250	1.70
7	2.000	2.75
8	2.500	3.25

ID#:112 Mass:268.00 Name:3-Methylcholanthrene
f(x)=0.669683*x rr1=0.999607 rr2=0.999214
MeanRF: 0.67 RFSD:0.02 RFRSD:2.44
CurveType:Mean Response Factor



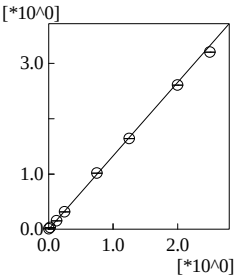
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.08
4	0.250	0.16
5	0.750	0.50
6	1.250	0.86
7	2.000	1.33
8	2.500	1.72

ID#:113 Mass:279.00 Name:Dibenz(a,j)Acridine
f(x)=0.844144*x rr1=0.999672 rr2=0.999345
MeanRF: 0.84 RFSD:0.05 RFRSD:5.59
CurveType:Mean Response Factor



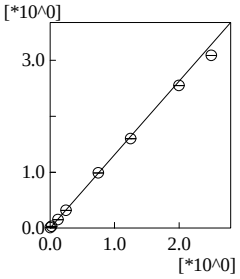
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.09
4	0.250	0.21
5	0.750	0.64
6	1.250	1.12
7	2.000	1.73
8	2.500	2.14

ID#:114 Mass:278.00 Name:Dibenzo[a,h]anthracene
f(x)=1.330501*x rr1=0.999815 rr2=0.999631
MeanRF: 1.33 RFSD:0.12 RFRSD:9.06
CurveType:Mean Response Factor



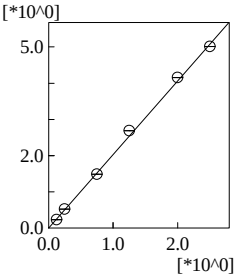
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.03
3	0.125	0.15
4	0.250	0.32
5	0.750	1.02
6	1.250	1.64
7	2.000	2.61
8	2.500	3.20

ID#:115 Mass:276.00 Name:Benzo[g,h,i]perylene
f(x)=1.312965*x rr1=0.999690 rr2=0.999381
MeanRF: 1.31 RFSD:0.13 RFRSD:10.02
CurveType:Mean Response Factor



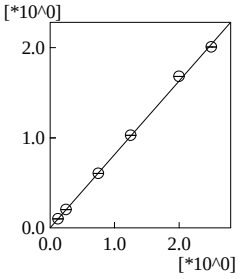
#	Conc. Ratio (ppm)	Mean Area Ratio
1	0.005	0.01
2	0.025	0.03
3	0.125	0.15
4	0.250	0.31
5	0.750	0.99
6	1.250	1.60
7	2.000	2.55
8	2.500	3.09

ID#:116 Mass:93.00 Name:2-Picoline (2-Methylpyridine)
f(x)=2.029367*x rr1=0.999073 rr2=0.998147
MeanRF: 2.03 RFSD:0.11 RFRSD:5.31
CurveType:Mean Response Factor



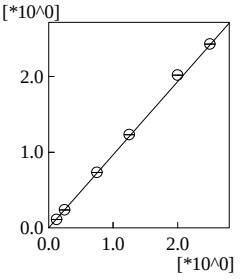
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.23
4	0.250	0.53
5	0.750	1.49
6	1.250	2.69
7	2.000	4.15
8	2.500	5.01

ID#:117 Mass:88.00 Name:N-Nitrosomethylethylamine
f(x)=0.816192*x rr1=0.999399 rr2=0.998798
MeanRF: 0.82 RFSD:0.01 RFRSD:1.76
CurveType:Mean Response Factor



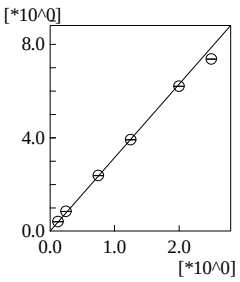
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.10
4	0.250	0.20
5	0.750	0.61
6	1.250	1.03
7	2.000	1.68
8	2.500	2.01

ID#:118 Mass:102.00 Name:N-Nitrosodiethylamine
f(x)=0.965241*x rr1=0.999598 rr2=0.999196
MeanRF: 0.97 RFSD:0.04 RFRSD:3.70
CurveType:Mean Response Factor



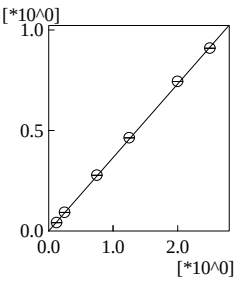
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.11
4	0.250	0.24
5	0.750	0.73
6	1.250	1.23
7	2.000	2.01
8	2.500	2.42

ID#:119 Mass:57.00 Name:n-Decane
f(x)=3.148574*x rr1=0.999135 rr2=0.998271
MeanRF: 3.15 RFSD:0.13 RFRSD:4.22
CurveType:Mean Response Factor



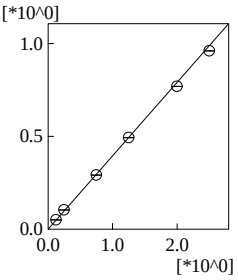
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.40
4	0.250	0.84
5	0.750	2.38
6	1.250	3.92
7	2.000	6.20
8	2.500	7.36

ID#:120 Mass:100.00 Name:N-Nitrosopyrrolidine
f(x)=0.365534*x rr1=0.999825 rr2=0.999651
MeanRF: 0.37 RFSD:0.01 RFRSD:3.17
CurveType:Mean Response Factor



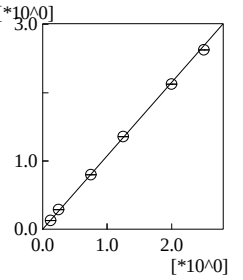
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.04
4	0.250	0.09
5	0.750	0.28
6	1.250	0.46
7	2.000	0.74
8	2.500	0.91

ID#:121 Mass:56.00 Name:N-Nitrosomorpholine
f(x)=0.395609*x rr1=0.999932 rr2=0.999864
MeanRF: 0.40 RFSD:0.01 RFRSD:3.17
CurveType:Mean Response Factor



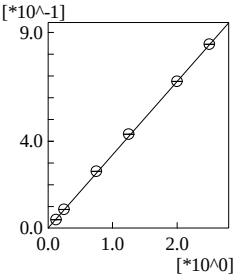
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.05
4	0.250	0.10
5	0.750	0.29
6	1.250	0.49
7	2.000	0.77
8	2.500	0.96

ID#:122 Mass:106.00 Name:o-Toluidine
f(x)=1.076903*x rr1=0.999844 rr2=0.999687
MeanRF: 1.08 RFSD:0.04 RFRSD:3.66
CurveType:Mean Response Factor



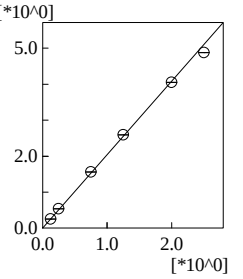
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.13
4	0.250	0.29
5	0.750	0.80
6	1.250	1.36
7	2.000	2.12
8	2.500	2.62

ID#:123 Mass:114.00 Name:N-Nitrosopiperidine
f(x)=0.336979*x rr1=0.999866 rr2=0.999731
MeanRF: 0.34 RFSD:0.01 RFRSD:4.27
CurveType:Mean Response Factor



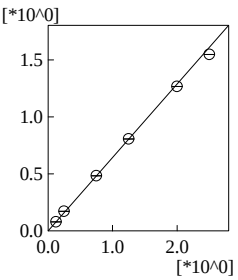
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.04
4	0.250	0.09
5	0.750	0.26
6	1.250	0.43
7	2.000	0.68
8	2.500	0.85

ID#:124 Mass:58.00 Name:a,a-Dimethylphenethylamine
f(x)=2.043909*x rr1=0.999341 rr2=0.998683
MeanRF: 2.04 RFSD:0.07 RFRSD:3.34
CurveType:Mean Response Factor



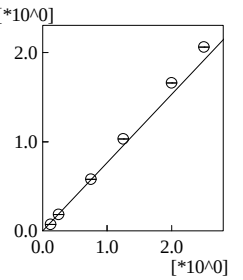
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.25
4	0.250	0.54
5	0.750	1.56
6	1.250	2.60
7	2.000	4.05
8	2.500	4.88

ID#:125 Mass:59.00 Name:Alpha-Terpineol
f(x)=0.645164*x rr1=0.999759 rr2=0.999518
MeanRF: 0.65 RFSD:0.03 RFRSD:3.89
CurveType:Mean Response Factor



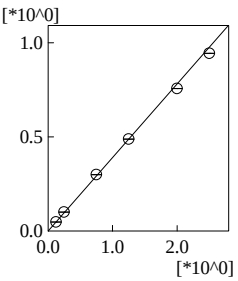
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.08
4	0.250	0.17
5	0.750	0.48
6	1.250	0.81
7	2.000	1.27
8	2.500	1.55

ID#:126 Mass:108.00 Name:p-Phenylenediamine
f(x)=0.765135*x rr1=0.999870 rr2=0.999739
MeanRF: 0.77 RFSD:0.09 RFRSD:11.58
CurveType:Mean Response Factor



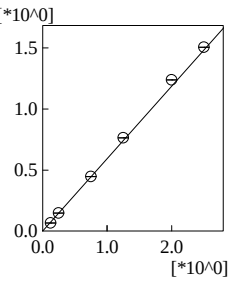
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.08
4	0.250	0.18
5	0.750	0.58
6	1.250	1.03
7	2.000	1.66
8	2.500	2.06

ID#:127 Mass:84.00 Name:N-Nitrosodi-n-butylamine
f(x)=0.390463*x rr1=0.999803 rr2=0.999605
MeanRF: 0.39 RFSD:0.01 RFRSD:2.95
CurveType:Mean Response Factor



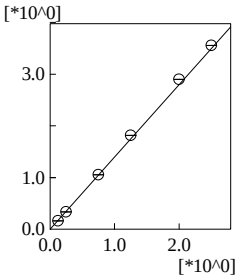
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.05
4	0.250	0.10
5	0.750	0.30
6	1.250	0.49
7	2.000	0.76
8	2.500	0.94

ID#:128 Mass:161.00 Name:2,3-Dichloroaniline
f(x)=0.593111*x rr1=0.999740 rr2=0.999479
MeanRF: 0.59 RFSD:0.03 RFRSD:4.88
CurveType:Mean Response Factor



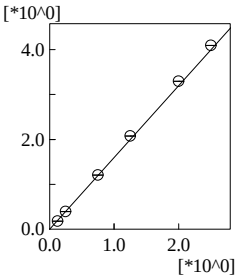
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.07
4	0.250	0.15
5	0.750	0.45
6	1.250	0.76
7	2.000	1.24
8	2.500	1.50

ID#:129 Mass:143.00 Name:1-Naphthylamine
f(x)=1.398731*x rr1=0.999825 rr2=0.999651
MeanRF: 1.40 RFSD:0.06 RFRSD:4.22
CurveType:Mean Response Factor



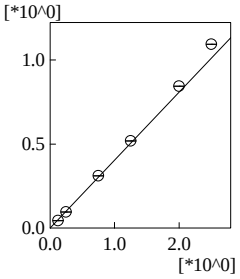
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.16
4	0.250	0.34
5	0.750	1.06
6	1.250	1.82
7	2.000	2.90
8	2.500	3.56

ID#:130 Mass:143.00 Name:2-Naphthylamine
f(x)=1.597241*x rr1=0.999933 rr2=0.999865
MeanRF: 1.60 RFSD:0.08 RFRSD:5.19
CurveType:Mean Response Factor



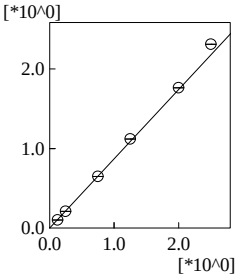
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.18
4	0.250	0.40
5	0.750	1.21
6	1.250	2.08
7	2.000	3.29
8	2.500	4.09

ID#:131 Mass:152.00 Name:5-Nitro-o-Toluidine
f(x)=0.403968*x rr1=0.999631 rr2=0.999263
MeanRF: 0.40 RFSD:0.03 RFRSD:7.51
CurveType:Mean Response Factor



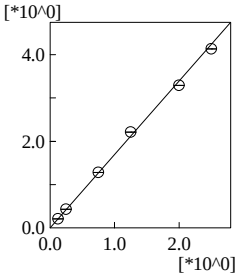
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.04
4	0.250	0.10
5	0.750	0.31
6	1.250	0.52
7	2.000	0.84
8	2.500	1.09

ID#:132 Mass:169.00 Name:4-Aminobiphenyl
f(x)=0.869435*x rr1=0.999462 rr2=0.998925
MeanRF: 0.87 RFSD:0.04 RFRSD:4.56
CurveType:Mean Response Factor



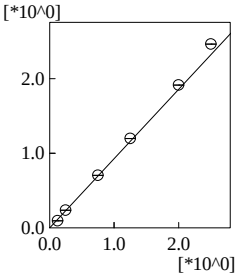
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.10
4	0.250	0.21
5	0.750	0.65
6	1.250	1.12
7	2.000	1.76
8	2.500	2.31

ID#:133 Mass:57.00 Name:n-Octadecane
f(x)=1.696363*x rr1=0.999304 rr2=0.998609
MeanRF: 1.70 RFSD:0.05 RFRSD:2.90
CurveType:Mean Response Factor



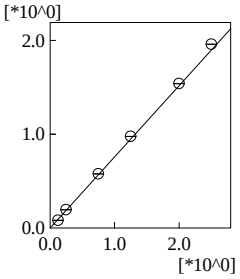
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.21
4	0.250	0.43
5	0.750	1.28
6	1.250	2.21
7	2.000	3.29
8	2.500	4.13

ID#:134 Mass:184.00 Name:Benzidine
f(x)=0.928916*x rr1=0.999770 rr2=0.999541
MeanRF: 0.93 RFSD:0.08 RFRSD:8.49
CurveType:Mean Response Factor



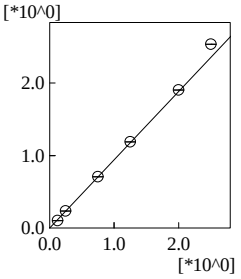
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.10
4	0.250	0.24
5	0.750	0.71
6	1.250	1.20
7	2.000	1.92
8	2.500	2.46

ID#:135 Mass:120.00 Name:4-Dimethyl aminoazobenzene
f(x)=0.758027*x rr1=0.999909 rr2=0.999818
MeanRF: 0.76 RFSD:0.05 RFRSD:6.17
CurveType:Mean Response Factor



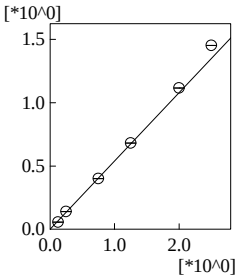
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.08
4	0.250	0.19
5	0.750	0.58
6	1.250	0.98
7	2.000	1.54
8	2.500	1.96

ID#:136 Mass:212.00 Name:3,3'-Dimethylbenzidine
f(x)=0.939256*x rr1=0.998941 rr2=0.997883
MeanRF: 0.94 RFSD:0.06 RFRSD:5.86
CurveType:Mean Response Factor



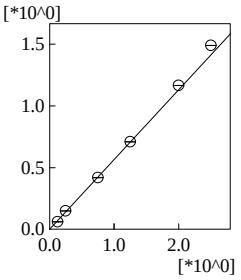
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.11
4	0.250	0.23
5	0.750	0.71
6	1.250	1.19
7	2.000	1.90
8	2.500	2.53

ID#:137 Mass:181.00 Name:2-Acetylaminofluorene
f(x)=0.539176*x rr1=0.999339 rr2=0.998678
MeanRF: 0.54 RFSD:0.04 RFRSD:7.97
CurveType:Mean Response Factor



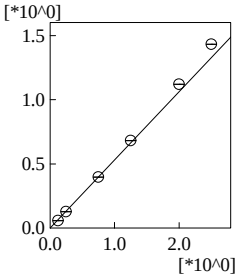
#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.06
4	0.250	0.14
5	0.750	0.40
6	1.250	0.68
7	2.000	1.12
8	2.500	1.45

ID#:138 Mass:252.00 Name:3,3`-Dichlorobenzidine
f(x)=0.564885*x rr1=0.999675 rr2=0.999350
MeanRF: 0.56 RFSD:0.04 RFRSD:7.06
CurveType:Mean Response Factor



#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.06
4	0.250	0.15
5	0.750	0.42
6	1.250	0.71
7	2.000	1.17
8	2.500	1.49

ID#:139 Mass:256.00 Name:7,12-Dimethylbenz[a]anthracene
f(x)=0.530730*x rr1=0.999740 rr2=0.999480
MeanRF: 0.53 RFSD:0.04 RFRSD:7.35
CurveType:Mean Response Factor



#	Conc. Ratio (ppm)	Mean Area Ratio
3	0.125	0.06
4	0.250	0.13
5	0.750	0.40
6	1.250	0.68
7	2.000	1.12
8	2.500	1.43

Advanced Environmental Laboratories, Inc.

Initial Calibration Verification Summary Report

FORM 6B

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Calibration Date/Time: 1/30/2023 22:53 **Lab File ID:** 230130L025.qqd

Instrument ID: J7L **Lab Sample ID:** ICV1

Parameter	Spike Added	ICV Result	ICV %D	QC Limits Q	QC Limits % D
1-Methylnaphthalene*	50.0	47.1	5.8		20
Benzo[a]anthracene*	50.0	45.1	9.7		20
Bis(2-Ethylhexyl) phthalate	50.0	48.4	3.3		20
Dibenzo[a,h]anthracene*	50.0	44.5	11		20
Naphthalene*	50.0	45.1	9.8		20

Advanced Environmental Laboratories, Inc.

Continuing Calibration Verification Summary Report

FORM 7

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Calibration Date/Time: 2/2/2023 14:28 **Lab File ID:** 230202L004.qgd

Instrument ID: J7L **Lab Sample ID:** A CCV6

Parameter	Spike Added	CCV Result	CCV %D	QC Limits Q	QC Limits % D
1-Methylnaphthalene*	50.0	50.9	1.8		20
Benzo[a]anthracene*	50.0	50.2	0.40		20
Bis(2-Ethylhexyl) phthalate	50.0	50.1	0.20		20
Dibenzo[a,h]anthracene*	50.0	51.8	3.7		20
Naphthalene*	50.0	52.1	4.2		20
2,4,6-Tribromophenol	50.0	51.8	3.7		20
2-Fluorobiphenyl	50.0	50.6	1.3		20
2-Fluorophenol	50.0	57.6	15		20
2-Methylnapthalene-d10	50.0	53.2	6.4		20
Fluoranthene-d10	50.0	50.8	1.7		20
Nitrobenzene-d5	50.0	54.6	9.3		20
Phenol-d6	50.0	55.3	11		20
p-Terphenyl-d14	50.0	50.5	1.1		20

Advanced Environmental Laboratories, Inc.

Continuing Calibration Verification Summary Report

FORM 7

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Calibration Date/Time: 2/3/2023 01:19 **Lab File ID:** 230202L021.qgd

Instrument ID: J7L **Lab Sample ID:** A ENDCCV6

Parameter	Spike Added	CCV Result	CCV %D	QC Limits Q	QC Limits % D
1-Methylnaphthalene*	50.0	49.5	0.90		50
Benzo[a]anthracene*	50.0	50.7	1.4		50
Bis(2-Ethylhexyl) phthalate	50.0	51.4	2.9		50
Dibenzo[a,h]anthracene*	50.0	55.4	11		50
Naphthalene*	50.0	50.5	1.0		50
2,4,6-Tribromophenol	50.0	54.8	9.6		50
2-Fluorobiphenyl	50.0	50.9	1.8		50
2-Fluorophenol	50.0	58.9	18		50
2-Methylnapthalene-d10	50.0	52.0	3.9		50
Fluoranthene-d10	50.0	52.6	5.3		50
Nitrobenzene-d5	50.0	54.1	8.3		50
Phenol-d6	50.0	56.0	12		50
p-Terphenyl-d14	50.0	50.6	1.2		50

Advanced Environmental Laboratories, Inc.

FORM 8

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Run Number	**230130L-8270-DOD-0**
Method	**EPA SW-846 8270**
Instrument ID	**J7L**

Seq	Sample ID	Analysis Date	Time	DF	Matrix	Data File
2	IB	1/30/2023	11:52	1	WATER	230130L007.qgd
3	TUNE	1/30/2023	12:25	1	WATER	230130L008.qgd
4	A ICAL1	1/30/2023	14:05	1	WATER	230130L011.qgd
5	A ICAL2	1/30/2023	14:43	1	WATER	230130L012.qgd
6	A ICAL3	1/30/2023	15:21	1	WATER	230130L013.qgd
7	A ICAL4	1/30/2023	15:59	1	WATER	230130L014.qgd
8	A ICAL5	1/30/2023	16:37	1	WATER	230130L015.qgd
9	A ICAL6	1/30/2023	17:15	1	WATER	230130L016.qgd
10	A ICAL7	1/30/2023	17:53	1	WATER	230130L017.qgd
11	A ICAL8	1/30/2023	18:30	1	WATER	230130L018.qgd
18	ICV1	1/30/2023	22:53	1	WATER	230130L025.qgd
20	IB	1/30/2023	23:49	1	WATER	230130L027.qgd
21	TUNE	1/31/2023	00:22	1	WATER	230130L028.qgd
26	IB	1/31/2023	12:51	1	WATER	230130L036.qgd
27	TUNE	1/31/2023	14:23	1	WATER	230130L037.qgd

Advanced Environmental Laboratories, Inc.

FORM 8

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Run Number	**230202L-8270-DOD-1**
Method	**EPA SW-846 8270**
Instrument ID	**J7L**

Seq	Sample ID	Analysis Date	Time	DF	Matrix	Data File
2.	IB	2/2/2023	13:31	1	WATER	230202L002.qgd
3.	TUNE	2/2/2023	14:04	1	WATER	230202L003.qgd
4.	A CCV6	2/2/2023	14:28	1	WATER	230202L004.qgd
8.	4646368	2/2/2023	18:17	1	WATER	230202L010.qgd
10.	4646369	2/2/2023	18:55	1	WATER	230202L011.qgd
12.	4646370	2/2/2023	19:34	1	WATER	230202L012.qgd
14.	J2301357001	2/2/2023	20:12	1	WATER	230202L013.qgd
15.	J2301357002	2/2/2023	20:51	1	WATER	230202L014.qgd
16.	J2301357003	2/2/2023	21:30	1	WATER	230202L015.qgd
17.	J2301357004	2/2/2023	22:08	1	WATER	230202L016.qgd
18.	J2301357005	2/2/2023	22:46	1	WATER	230202L017.qgd
19.	4646371	2/2/2023	23:24	1	WATER	230202L018.qgd
20.	4646372	2/3/2023	00:02	1	WATER	230202L019.qgd
21.	J2301357006	2/3/2023	00:41	1	WATER	230202L020.qgd
22.	A ENDCCV6	2/3/2023	01:19	1	WATER	230202L021.qgd

Semi-Volatile PAHs by Sim Analysis Section

Result Summary Reports

Advanced Environmental Laboratories, Inc.

Semi Volatile Analysis Results

FORM 1

SW-846 8270D SIM

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357008**		**Client ID:**	**143-RSPZ5-SO-AEB3050-REG**	
			File ID:	**230201P008.D**	
Date Collected:	**1/23/2023**	**14:15**			
Date Analyzed:	**2/1/2023**	**19:38**	**Matrix:**	**SOIL**	
Date Extracted:	**1/30/2023**	**17:30**	**Instrument ID:**	**J7P**	
Dilution:	**1**		**Analytical Run ID:**	**230201P-SIM-DOD-1**	
Sample Wt/Vol:	**6.23**	**g**	**% Moisture:**	**17.8**	
Extract Vol:	**1300**	**uL**	**Lims Prep Batch:**	**5651**	
Prep Method:	**SW-846 3550B**		**Lims Analytical Batch:**	**2778**	

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene	90-12-0	**0.051**	U	0.025	0.051	0.10	mg/Kg
Naphthalene	91-20-3	**0.051**	U	0.025	0.051	0.10	mg/Kg

* Analyte Reported in SIM Mode

Diphenylamine is reported from N-Nitrosodiphenylamine and Azobenzene is reported as 1,2-Diphenylhydrazine

Advanced Environmental Laboratories, Inc.

Semi Volatile Analysis Results

FORM 1

SW-846 8270D SIM

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357009**		**Client ID:**	**143-RSPZ5-SO-AEB3051-REG**	
			File ID:	**230201P009.D**	
Date Collected:	**1/23/2023**	**16:00**			
Date Analyzed:	**2/1/2023**	**20:05**	**Matrix:**	**SOIL**	
Date Extracted:	**1/30/2023**	**17:30**	**Instrument ID:**	**J7P**	
Dilution:	**1**		**Analytical Run ID:**	**230201P-SIM-DOD-1**	
Sample Wt/Vol:	**6.29**	**g**	**% Moisture:**	**15.4**	
Extract Vol:	**1000**	**uL**	**Lims Prep Batch:**	**5651**	
Prep Method:	**SW-846 3550B**		**Lims Analytical Batch:**	**2778**	

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene	90-12-0	**0.038**	U	0.019	0.038	0.075	mg/Kg
Naphthalene	91-20-3	**0.038**	U	0.019	0.038	0.075	mg/Kg

* Analyte Reported in SIM Mode

Diphenylamine is reported from N-Nitrosodiphenylamine and Azobenzene is reported as 1,2-Diphenylhydrazine

Advanced Environmental Laboratories, Inc.

Semi Volatile Analysis Results

FORM 1

SW-846 8270D SIM

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357010**		**Client ID:**	**143-RSPZ3-SO-AEB3046-REG**	
			File ID:	**230201P010.D**	
Date Collected:	**1/24/2023**	**08:30**			
Date Analyzed:	**2/1/2023**	**20:32**	**Matrix:**	**SOIL**	
Date Extracted:	**1/30/2023**	**17:30**	**Instrument ID:**	**J7P**	
Dilution:	**1**		**Analytical Run ID:**	**230201P-SIM-DOD-1**	
Sample Wt/Vol:	**6.23**	**g**	**% Moisture:**	**16.1**	
Extract Vol:	**1000**	**uL**	**Lims Prep Batch:**	**5651**	
Prep Method:	**SW-846 3550B**		**Lims Analytical Batch:**	**2778**	

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene	90-12-0	**0.038**	U	0.019	0.038	0.077	mg/Kg
Naphthalene	91-20-3	**0.038**	U	0.019	0.038	0.077	mg/Kg

* Analyte Reported in SIM Mode

Diphenylamine is reported from N-Nitrosodiphenylamine and Azobenzene is reported as 1,2-Diphenylhydrazine

Advanced Environmental Laboratories, Inc.

Semi Volatile Analysis Results

FORM 1

SW-846 8270D SIM

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357011**		**Client ID:**	**143-RSPZ3-SO-AEB3047-REG**	
			File ID:	**230201P011.D**	
Date Collected:	**1/24/2023**	**09:00**			
Date Analyzed:	**2/1/2023**	**20:59**	**Matrix:**	**SOIL**	
Date Extracted:	**1/30/2023**	**17:30**	**Instrument ID:**	**J7P**	
Dilution:	**1**		**Analytical Run ID:**	**230201P-SIM-DOD-1**	
Sample Wt/Vol:	**6.00**	**g**	**% Moisture:**	**24.9**	
Extract Vol:	**1000**	**uL**	**Lims Prep Batch:**	**5651**	
Prep Method:	**SW-846 3550B**		**Lims Analytical Batch:**	**2778**	

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene	90-12-0	**0.044**	U	0.022	0.044	0.089	mg/Kg
Naphthalene	91-20-3	**0.044**	U	0.022	0.044	0.089	mg/Kg

* Analyte Reported in SIM Mode

Diphenylamine is reported from N-Nitrosodiphenylamine and Azobenzene is reported as 1,2-Diphenylhydrazine

Advanced Environmental Laboratories, Inc.

Semi Volatile Analysis Results

FORM 1

SW-846 8270D SIM

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357012**		**Client ID:**	**143-RSPZ2-SO-AEB3044-REG**	
			File ID:	**230201P012.D**	
Date Collected:	**1/24/2023**	**10:20**			
Date Analyzed:	**2/1/2023**	**21:26**	**Matrix:**	**SOIL**	
Date Extracted:	**1/30/2023**	**17:30**	**Instrument ID:**	**J7P**	
Dilution:	**1**		**Analytical Run ID:**	**230201P-SIM-DOD-1**	
Sample Wt/Vol:	**6.15**	**g**	**% Moisture:**	**17.5**	
Extract Vol:	**1000**	**uL**	**Lims Prep Batch:**	**5651**	
Prep Method:	**SW-846 3550B**		**Lims Analytical Batch:**	**2778**	

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene	90-12-0	**0.039**	U	0.020	0.039	0.079	mg/Kg
Naphthalene	91-20-3	**0.039**	U	0.020	0.039	0.079	mg/Kg

* Analyte Reported in SIM Mode

Diphenylamine is reported from N-Nitrosodiphenylamine and Azobenzene is reported as 1,2-Diphenylhydrazine

Advanced Environmental Laboratories, Inc.

Semi Volatile Analysis Results

FORM 1

SW-846 8270D SIM

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357013**		**Client ID:**	**143-RSPZ2-SO-AEB3045-REG**	
			File ID:	**230201P013.D**	
Date Collected:	**1/24/2023**	**11:15**			
Date Analyzed:	**2/1/2023**	**21:53**	**Matrix:**	**SOIL**	
Date Extracted:	**1/30/2023**	**17:30**	**Instrument ID:**	**J7P**	
Dilution:	**2**		**Analytical Run ID:**	**230201P-SIM-DOD-1**	
Sample Wt/Vol:	**6.06**	**g**	**% Moisture:**	**21.4**	
Extract Vol:	**1000**	**uL**	**Lims Prep Batch:**	**5651**	
Prep Method:	**SW-846 3550B**		**Lims Analytical Batch:**	**2778**	

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene	90-12-0	**0.084**	U	0.042	0.084	0.17	mg/Kg
Naphthalene	91-20-3	**0.084**	U	0.042	0.084	0.17	mg/Kg

* Analyte Reported in SIM Mode

Diphenylamine is reported from N-Nitrosodiphenylamine and Azobenzene is reported as 1,2-Diphenylhydrazine

Advanced Environmental Laboratories, Inc.

Semi Volatile Analysis Results

FORM 1

SW-846 8270D SIM

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357014**		**Client ID:**	**143-RSPZ4-SO-AEB3048-REG**
			File ID:	**230201P014.D**
Date Collected:	**1/24/2023**	**13:30**		
Date Analyzed:	**2/1/2023**	**22:20**	**Matrix:**	**SOIL**
Date Extracted:	**1/30/2023**	**17:30**	**Instrument ID:**	**J7P**
Dilution:	**1**		**Analytical Run ID:**	**230201P-SIM-DOD-1**
Sample Wt/Vol:	**6.29**	**g**	**% Moisture:**	**17.3**
Extract Vol:	**1000**	**uL**	**Lims Prep Batch:**	**5651**
Prep Method:	**SW-846 3550B**		**Lims Analytical Batch:**	**2778**

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene	90-12-0	**0.038**	U	0.019	0.038	0.077	mg/Kg
Naphthalene	91-20-3	**0.038**	U	0.019	0.038	0.077	mg/Kg

* Analyte Reported in SIM Mode

Diphenylamine is reported from N-Nitrosodiphenylamine and Azobenzene is reported as 1,2-Diphenylhydrazine

Advanced Environmental Laboratories, Inc.

Semi Volatile Analysis Results

FORM 1

SW-846 8270D SIM

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357015**		**Client ID:**	**143-RSPZ4-SO-AEB3049-REG**	
			File ID:	**230201P015.D**	
Date Collected:	**1/24/2023**	**14:10**			
Date Analyzed:	**2/1/2023**	**22:47**	**Matrix:**	**SOIL**	
Date Extracted:	**1/30/2023**	**17:30**	**Instrument ID:**	**J7P**	
Dilution:	**1**		**Analytical Run ID:**	**230201P-SIM-DOD-1**	
Sample Wt/Vol:	**6.13**	**g**	**% Moisture:**	**24.7**	
Extract Vol:	**1000**	**uL**	**Lims Prep Batch:**	**5651**	
Prep Method:	**SW-846 3550B**		**Lims Analytical Batch:**	**2778**	

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene	90-12-0	**0.043**	U	0.022	0.043	0.087	mg/Kg
Naphthalene	91-20-3	**0.043**	U	0.022	0.043	0.087	mg/Kg

* Analyte Reported in SIM Mode

Diphenylamine is reported from N-Nitrosodiphenylamine and Azobenzene is reported as 1,2-Diphenylhydrazine

Advanced Environmental Laboratories, Inc.

Semi Volatile Analysis Results

FORM 1

SW-846 8270D SIM

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357016**		**Client ID:**	**143-RSPZ1-SO-AEB3041-REG**	
			File ID:	**230201P016.D**	
Date Collected:	**1/24/2023**	**15:30**			
Date Analyzed:	**2/1/2023**	**23:14**	**Matrix:**	**SOIL**	
Date Extracted:	**1/30/2023**	**17:30**	**Instrument ID:**	**J7P**	
Dilution:	**1**		**Analytical Run ID:**	**230201P-SIM-DOD-1**	
Sample Wt/Vol:	**6.01**	**g**	**% Moisture:**	**17.4**	
Extract Vol:	**1000**	**uL**	**Lims Prep Batch:**	**5651**	
Prep Method:	**SW-846 3550B**		**Lims Analytical Batch:**	**2778**	

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene	90-12-0	**0.040**	U	0.020	0.040	0.081	mg/Kg
Naphthalene	91-20-3	**0.040**	U	0.020	0.040	0.081	mg/Kg

* Analyte Reported in SIM Mode

Diphenylamine is reported from N-Nitrosodiphenylamine and Azobenzene is reported as 1,2-Diphenylhydrazine

Advanced Environmental Laboratories, Inc.

Semi Volatile Analysis Results

FORM 1

SW-846 8270D SIM

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357017**		**Client ID:**	**143-RSPZ1-SO-AEB3042-REG**	
			File ID:	**230201P017.D**	
Date Collected:	**1/25/2023**	**08:30**			
Date Analyzed:	**2/1/2023**	**23:41**	**Matrix:**	**SOIL**	
Date Extracted:	**1/30/2023**	**17:30**	**Instrument ID:**	**J7P**	
Dilution:	**1**		**Analytical Run ID:**	**230201P-SIM-DOD-1**	
Sample Wt/Vol:	**6.34**	**g**	**% Moisture:**	**26.0**	
Extract Vol:	**1000**	**uL**	**Lims Prep Batch:**	**5651**	
Prep Method:	**SW-846 3550B**		**Lims Analytical Batch:**	**2778**	

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene	90-12-0	**0.043**	U	0.021	0.043	0.085	mg/Kg
Naphthalene	91-20-3	**0.043**	U	0.021	0.043	0.085	mg/Kg

* Analyte Reported in SIM Mode

Diphenylamine is reported from N-Nitrosodiphenylamine and Azobenzene is reported as 1,2-Diphenylhydrazine

Advanced Environmental Laboratories, Inc.

Semi Volatile Analysis Results

FORM 1

SW-846 8270D SIM

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357018**		**Client ID:**	**143-RSPZ1-SO-AEB3043-REG**	
			File ID:	**230201P018.D**	
Date Collected:	**1/25/2023**	**08:30**			
Date Analyzed:	**2/2/2023**	**00:07**	**Matrix:**	**SOIL**	
Date Extracted:	**1/30/2023**	**17:30**	**Instrument ID:**	**J7P**	
Dilution:	**1**		**Analytical Run ID:**	**230201P-SIM-DOD-1**	
Sample Wt/Vol:	**6.31**	**g**	**% Moisture:**	**26.6**	
Extract Vol:	**1000**	**uL**	**Lims Prep Batch:**	**5651**	
Prep Method:	**SW-846 3550B**		**Lims Analytical Batch:**	**2778**	

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene	90-12-0	**0.043**	U	0.022	0.043	0.086	mg/Kg
Naphthalene	91-20-3	**0.043**	U	0.022	0.043	0.086	mg/Kg

* Analyte Reported in SIM Mode

Diphenylamine is reported from N-Nitrosodiphenylamine and Azobenzene is reported as 1,2-Diphenylhydrazine

Advanced Environmental Laboratories, Inc.

Semi Volatile Analysis Results

FORM 1 - Blank

SW-846 8270D SIM

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**4646277**		**Method Blank ID:**	**MB for HBN 152137 [EXTj/5651]**
Date Analyzed:	**2/1/2023**	**17:50**	**Matrix:**	**SOIL**
Date Extracted:	**1/30/2023**	**17:30**	**File ID:**	**230201P004.D**
Dilution:	**1**		**Instrument ID:**	**J7P**
Sample Wt/Wol:	**30.00**	**g**	**Analytical Run ID:**	**230201P-SIM-DOD-1**
Extract Vol:	**1000**	**uL**	**% Moisture:**	**0**
			Lims Prep Batch:	**5651**
Prep Method:	**SW-846 3550B**		**Lims Analytical Batch:**	**2778**

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1-Methylnaphthalene	90-12-0	**0.00667**	U	0.00333	0.00667	0.0133	mg/Kg
Naphthalene	91-20-3	**0.00667**	U	0.00333	0.00667	0.0133	mg/Kg

* Analyte Reported in SIM Mode

Diphenylamine is reported from N-Nitrosodiphenylamine and Azobenzene is reported as 1,2-Diphenylhydrazine

QC Summary Reports

SEMI-VOLATILE ORGANICS
SURROGATE PERCENT RECOVERY SUMMARY
FORM 2A

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Lab Sample ID	Client Sample ID	Matrix	Parameter	Dil	Rec	Q	Limits
4646277	MB for HBN 152137 [EXTj/5651]	SOIL	Nitrobenzene-d5	1	99.3		34 - 114
		SOIL	2-Methylnaphthalene-d10	1	86.0		50 - 150
		SOIL	2-Fluorobiphenyl	1	84.1		46 - 115
		SOIL	Fluoranthene-d10	1	105		50 - 150
		SOIL	p-Terphenyl-d14	1	105		51 - 132
4646278	LCS for HBN 152137 [EXTj/5651]	SOIL	Nitrobenzene-d5	1	111		34 - 114
		SOIL	2-Methylnaphthalene-d10	1	92.5		50 - 150
		SOIL	2-Fluorobiphenyl	1	101		46 - 115
		SOIL	Fluoranthene-d10	1	99.4		50 - 150
		SOIL	p-Terphenyl-d14	1	100.0		51 - 132
4646279	143-RSPZ1-SO-AEB3041-REGMS	SOIL	Nitrobenzene-d5	1	99.2		34 - 114
		SOIL	2-Methylnaphthalene-d10	1	84.1		50 - 150
		SOIL	2-Fluorobiphenyl	1	85.0		46 - 115
		SOIL	Fluoranthene-d10	1	87.3		50 - 150
		SOIL	p-Terphenyl-d14	1	93.5		51 - 132
4646280	143-RSPZ1-SO-AEB3041-REGMS	SOIL	Nitrobenzene-d5	1	97.4		34 - 114
		SOIL	2-Methylnaphthalene-d10	1	81.6		50 - 150
		SOIL	2-Fluorobiphenyl	1	84.8		46 - 115
		SOIL	Fluoranthene-d10	1	83.5		50 - 150
		SOIL	p-Terphenyl-d14	1	89.3		51 - 132
J2301357008	143-RSPZ5-SO-AEB3050-REG	SOIL	Nitrobenzene-d5	1	100.0		34 - 114
		SOIL	2-Methylnaphthalene-d10	1	92.1		50 - 150
		SOIL	2-Fluorobiphenyl	1	95.9		46 - 115
		SOIL	Fluoranthene-d10	1	96.1		50 - 150
		SOIL	p-Terphenyl-d14	1	104		51 - 132
J2301357009	143-RSPZ5-SO-AEB3051-REG	SOIL	Nitrobenzene-d5	1	106		34 - 114
		SOIL	2-Methylnaphthalene-d10	1	93.4		50 - 150
		SOIL	2-Fluorobiphenyl	1	96.5		46 - 115
		SOIL	Fluoranthene-d10	1	92.1		50 - 150
		SOIL	p-Terphenyl-d14	1	102		51 - 132
J2301357010	143-RSPZ3-SO-AEB3046-REG	SOIL	Nitrobenzene-d5	1	104		34 - 114
		SOIL	2-Methylnaphthalene-d10	1	92.7		50 - 150
		SOIL	2-Fluorobiphenyl	1	97.9		46 - 115
		SOIL	Fluoranthene-d10	1	93.4		50 - 150
		SOIL	p-Terphenyl-d14	1	101		51 - 132

Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS
SURROGATE PERCENT RECOVERY SUMMARY
FORM 2A

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Lab Sample ID	Client Sample ID	Matrix	Parameter	Dil	Rec	Q	Limits
J2301357011	143-RSPZ3-SO-AEB3047-REG	SOIL	Nitrobenzene-d5	1	104		34 - 114
		SOIL	2-Methylnaphthalene-d10	1	90.4		50 - 150
		SOIL	2-Fluorobiphenyl	1	97.7		46 - 115
		SOIL	Fluoranthene-d10	1	93.3		50 - 150
		SOIL	p-Terphenyl-d14	1	102		51 - 132
J2301357012	143-RSPZ2-SO-AEB3044-REG	SOIL	Nitrobenzene-d5	1	84.4		34 - 114
		SOIL	2-Methylnaphthalene-d10	1	72.7		50 - 150
		SOIL	2-Fluorobiphenyl	1	79.5		46 - 115
		SOIL	Fluoranthene-d10	1	97.2		50 - 150
		SOIL	p-Terphenyl-d14	1	96.4		51 - 132
J2301357013	143-RSPZ2-SO-AEB3045-REG	SOIL	Nitrobenzene-d5	2	96.5		34 - 114
		SOIL	2-Methylnaphthalene-d10	2	86.6		50 - 150
		SOIL	2-Fluorobiphenyl	2	92.9		46 - 115
		SOIL	Fluoranthene-d10	2	103		50 - 150
		SOIL	p-Terphenyl-d14	2	106		51 - 132
J2301357014	143-RSPZ4-SO-AEB3048-REG	SOIL	Nitrobenzene-d5	1	98.0		34 - 114
		SOIL	2-Methylnaphthalene-d10	1	88.1		50 - 150
		SOIL	2-Fluorobiphenyl	1	93.3		46 - 115
		SOIL	Fluoranthene-d10	1	95.7		50 - 150
		SOIL	p-Terphenyl-d14	1	99.0		51 - 132
J2301357015	143-RSPZ4-SO-AEB3049-REG	SOIL	Nitrobenzene-d5	1	91.4		34 - 114
		SOIL	2-Methylnaphthalene-d10	1	80.4		50 - 150
		SOIL	2-Fluorobiphenyl	1	88.8		46 - 115
		SOIL	Fluoranthene-d10	1	82.9		50 - 150
		SOIL	p-Terphenyl-d14	1	91.5		51 - 132
J2301357016	143-RSPZ1-SO-AEB3041-REG	SOIL	Nitrobenzene-d5	1	86.9		34 - 114
		SOIL	2-Methylnaphthalene-d10	1	73.1		50 - 150
		SOIL	2-Fluorobiphenyl	1	81.2		46 - 115
		SOIL	Fluoranthene-d10	1	93.6		50 - 150
		SOIL	p-Terphenyl-d14	1	99.8		51 - 132
J2301357017	143-RSPZ1-SO-AEB3042-REG	SOIL	Nitrobenzene-d5	1	95.6		34 - 114
		SOIL	2-Methylnaphthalene-d10	1	84.2		50 - 150
		SOIL	2-Fluorobiphenyl	1	92.4		46 - 115
		SOIL	Fluoranthene-d10	1	84.6		50 - 150
		SOIL	p-Terphenyl-d14	1	92.2		51 - 132
J2301357018	143-RSPZ1-SO-AEB3043-REG	SOIL	Nitrobenzene-d5	1	94.9		34 - 114



Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS
SURROGATE PERCENT RECOVERY SUMMARY
FORM 2A

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Lab Sample ID	Client Sample ID	Matrix	Parameter	Dil	Rec	Q	Limits
J2301357018	143-RSPZ1-SO-AEB3043-REG	SOIL	2-Methylnaphthalene-d10	1	84.9		50 - 150
		SOIL	2-Fluorobiphenyl	1	88.4		46 - 115
		SOIL	Fluoranthene-d10	1	83.8		50 - 150
		SOIL	p-Terphenyl-d14	1	90.6		51 - 132

Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS

INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

FORM 2B

SDG No.: J2301357
Client: Environmental Chemical Corporation (ECC)

Date Analyzed: **2/1/2023 17:23** **Instrument ID:** **J7P**
Lab File ID: **230201P003.D**

	IS1 AREA #	RT#	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	19231	4.098	10321	7.935	20562	10.669
UPPER LIMIT	38462	4.148	20642	7.985	41124	10.719
LOWER LIMIT	9616	4.048	5161	7.885	10281	10.619
LAB SAMPLE ID						
143-RSPZ1-SO-AE...(4642163M	15615	4.096	8528	7.935	16458	10.669
143-RSPZ1-SO-AEB...(4642163	14788	4.096	8155	7.936	15815	10.668
143-RSPZ1-SO-AEB3041-REG	15952	4.101	8147	7.936	16079	10.668
143-RSPZ1-SO-AEB3042-REG	14944	4.101	7763	7.936	15910	10.668
143-RSPZ1-SO-AEB3043-REG	17769	4.098	9537	7.935	19394	10.669
143-RSPZ2-SO-AEB3044-REG	16963	4.098	8881	7.936	17790	10.668
143-RSPZ2-SO-AEB3045-REG	15357	4.096	7992	7.935	16294	10.667
143-RSPZ3-SO-AEB3046-REG	17139	4.105	8803	7.936	17472	10.668
143-RSPZ3-SO-AEB3047-REG	14936	4.098	7770	7.936	15398	10.668
143-RSPZ4-SO-AEB3048-REG	14995	4.101	7863	7.935	15345	10.669
143-RSPZ4-SO-AEB3049-REG	17211	4.103	8802	7.936	18057	10.668
143-RSPZ5-SO-AEB3050-REG	12714	4.101	6620	7.936	13088	10.668
143-RSPZ5-SO-AEB3051-REG	16052	4.101	8565	7.936	17122	10.668
LCS for HBN 152137 [EXTj/565	13557	4.096	6951	7.936	14198	10.668
MB for HBN 152137 [EXTj/5651]	15228	4.093	8530	7.933	16078	10.668

IS1 = Naphthalene-d8 (IS)
IS2 = Acenaphthene-d10 (IS)
IS3 = Phenanthrene-d10 (IS)

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.05 minutes of internal standard RT
RT LOWER LIMIT = -0.05 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS

INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

FORM 2B

SDG No.: J2301357
Client: Environmental Chemical Corporation (ECC)

Date Analyzed: **2/2/2023 00:34** **Instrument ID:** **J7P**
Lab File ID: **230201P019.D**

	IS1 AREA #	RT#	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	19348	4.105	10442	7.937	21164	10.669
UPPER LIMIT	38696	4.155	20884	7.987	42328	10.719
LOWER LIMIT	9674	4.055	5221	7.887	10582	10.619
LAB SAMPLE ID						

IS1 = Naphthalene-d8 (IS)
IS2 = Acenaphthene-d10 (IS)
IS3 = Phenanthrene-d10 (IS)

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.05 minutes of internal standard RT
RT LOWER LIMIT = -0.05 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS

INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

FORM 2B

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Date Analyzed: **02/01/2023 17:23** **Instrument ID:** **J7P**

Lab File ID: **230201P003.D**

	IS4 AREA #	RT#	IS5 AREA #	RT #	IS6 AREA #	RT #
12 HOUR STD	17965	15.07	22376	17.49		
UPPER LIMIT	35930	15.12	44752	17.54		
LOWER LIMIT	8983	15.02	11188	17.44		
LAB SAMPLE ID						
143-RSPZ1-SO-AE...(4642163M	14751	15.06	17524	17.49		
143-RSPZ1-SO-AEB...(4642163	14327	15.06	17191	17.49		
143-RSPZ1-SO-AEB3041-REG	14279	15.06	17128	17.48		
143-RSPZ1-SO-AEB3042-REG	13956	15.06	16419	17.48		
143-RSPZ1-SO-AEB3043-REG	17487	15.06	19934	17.48		
143-RSPZ2-SO-AEB3044-REG	16392	15.06	19283	17.48		
143-RSPZ2-SO-AEB3045-REG	14725	15.07	17260	17.48		
143-RSPZ3-SO-AEB3046-REG	15748	15.06	17748	17.49		
143-RSPZ3-SO-AEB3047-REG	14030	15.06	15868	17.48		
143-RSPZ4-SO-AEB3048-REG	14234	15.06	16678	17.48		
143-RSPZ4-SO-AEB3049-REG	15512	15.06	18497	17.48		
143-RSPZ5-SO-AEB3050-REG	12055	15.06	13764	17.49		
143-RSPZ5-SO-AEB3051-REG	15038	15.06	17654	17.48		
LCS for HBN 152137 [EXTj/565	13004	15.06	15522	17.48		
MB for HBN 152137 [EXTj/5651]	15198	15.06	18099	17.49		

IS4 = Chrysene-d12 (IS)
IS5 = Perylene-d12 (IS)
IS6 =

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.05 minutes of internal standard RT
RT LOWER LIMIT = -0.05 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS

INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

FORM 2B

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Date Analyzed: **02/02/2023 00:34** **Instrument ID:** **J7P**

Lab File ID: **230201P019.D**

	IS4 AREA #	RT#	IS5 AREA #	RT #	IS6 AREA #	RT #
12 HOUR STD	17803	15.07	21760	17.49		
UPPER LIMIT	35606	15.12	43520	17.54		
LOWER LIMIT	8902	15.02	10880	17.44		
LAB SAMPLE ID						

IS4 = Chrysene-d12 (IS)
IS5 = Perylene-d12 (IS)
IS6 =

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.05 minutes of internal standard RT
RT LOWER LIMIT = -0.05 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS

MATRIX SPIKE REPORT

FORM 3A

SW-846 8270D SIM

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

MS Sample ID:	4646279		**Matrix:**	SOIL	
Client Sample ID:	143-RSPZ1-SO-AEB3041-REG		**Parent Wgt/Vol:**	6.0	g
Date Extracted:	1/30/2023	17:30	**MS Wgt/Vol:**	6.1	g
Parent Analyzed:	2/1/2023	23:14	**Parent Final Volume:**	1000	uL
MS Analyzed:	2/1/2023	18:44	**MS Final Volume:**	1000	uL
Parent File ID:	230201P016.D		**% Moisture:**	17.37	
MS Data File:	230201P006.D		**Dilution Factor:**	1.0	
Lims Analytical Batch:	2778		**Lims Prep Batch:**	5651	
Prep Method:	SW-846 3550B		**Units:**	mg/Kg	

Parameter	Conc Added	Sample Result	Q	Conc MS	Q	%Rec MS	Q	QC Limits Recovery
1-Methylnaphthalene	0.997	0.0403	U	0.806		80.9		43 - 111
Naphthalene	0.997	0.0403	U	0.802		80.4		38 - 111

NC = Not Calculable - the spike concentration added has been diluted below the LOQ

Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS

MATRIX SPIKE/MATRIX SPIKE DUPLICATE REPORT

FORM 3A

SW-846 8270D SIM

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

MSD Sample ID:	4646280		**Matrix:**	SOIL	
Client Sample ID:	143-RSPZ1-SO-AEB3041-REG		**Parent Wgt/Vol:**	6.0	g
Date Prepared:	1/30/2023	17:30	**MSD Wgt/Vol:**	6.1	g
Parent Analyzed:	2/1/2023	23:14	**Parent Final Volume:**	1000	uL
MSD Analyzed:	2/1/2023	19:11	**MSD Final Volume:**	1000	uL
Dilution MSD:	1.0		**% Moisture:**	17.37	
Parent File ID:	230201P016.D		**Lims Analytical Batch:**	2778	
MSD File ID:	230201P007.D		**Lims Prep Batch:**	5651	
Prep Method:	SW-846 3550B		**Units:**	mg/Kg	

	Conc			Results		%Rec				QC Limits	
Parameters	**Added**	**Sample**	**Q**	**MSD**	**Q**	**MSD**	**Q**	**RPD**	**Q**	**Recovery**	**RPD**
1-Methylnaphthalene	0.989	0.0403	U	**0.804**		81.3		0.30		43 - 111	20
Naphthalene	0.989	0.0403	U	**0.799**		80.8		0.40		38 - 111	20

NC = Not Calculable - the spike concentration added has been diluted below the LOQ

Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS

LABORATORY CONTROL SAMPLE REPORT

FORM 3C

SW-846 8270D SIM

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

LCS Sample ID:	4646278		**Matrix:**	SOIL	
Date Extracted:	1/30/2023	17:30	**LCS Wgt/Vol:**	30.02	g
Date Analyzed:	2/1/2023	18:17	**Final Volume:**	1000	uL
Dilution Factor:	1		**% Moisture:**	0.00	
LCS File ID:	230201P005.D		**Lims Analytical Batch:**	2778	
			Lims Prep Batch:	5651	
Prep Method:	SW-846 3550B		**Units:**	mg/Kg	

Parameter	Conc Added	Results LCS	%Rec LCS	Q	QC Limits Recovery
1-Methylnaphthalene	0.167	0.155	93.3		43 - 111
Naphthalene	0.167	0.157	94.1		38 - 111

Advanced Environmental Laboratories, Inc.

SEMI-VOLATILE ORGANICS

METHOD BLANK SUMMARY

FORM 4A

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	4646277	**Method Blank ID:**	MB for HBN 152137 [EXTj/5651]
Method Blank Lab File ID:	230201P004.D	**Date/Time Analyzed:**	2/1/2023 17:50
Matrix:	SOIL	**Instrument ID:**	J7P

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

Client ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
LCS for HBN 152137 [EXTj/5651]	4646278	230201P005.D	2/1/2023	18:17
143-RSPZ1-SO-AEB3041-REGMS	4646279	230201P006.D	2/1/2023	18:44
143-RSPZ1-SO-AEB3041-REGMSD	4646280	230201P007.D	2/1/2023	19:11
143-RSPZ5-SO-AEB3050-REG	J2301357008	230201P008.D	2/1/2023	19:38
143-RSPZ5-SO-AEB3051-REG	J2301357009	230201P009.D	2/1/2023	20:05
143-RSPZ3-SO-AEB3046-REG	J2301357010	230201P010.D	2/1/2023	20:32
143-RSPZ3-SO-AEB3047-REG	J2301357011	230201P011.D	2/1/2023	20:59
143-RSPZ2-SO-AEB3044-REG	J2301357012	230201P012.D	2/1/2023	21:26
143-RSPZ2-SO-AEB3045-REG	J2301357013	230201P013.D	2/1/2023	21:53
143-RSPZ4-SO-AEB3048-REG	J2301357014	230201P014.D	2/1/2023	22:20
143-RSPZ4-SO-AEB3049-REG	J2301357015	230201P015.D	2/1/2023	22:47
143-RSPZ1-SO-AEB3041-REG	J2301357016	230201P016.D	2/1/2023	23:14
143-RSPZ1-SO-AEB3042-REG	J2301357017	230201P017.D	2/1/2023	23:41
143-RSPZ1-SO-AEB3043-REG	J2301357018	230201P018.D	2/2/2023	00:07

Data Path : C:\MSDCHEM\1\DATA\230109P\Snapshot\
Data File : 230109P021.D
Acq On : 9 Jan 2023 8:47 pm
Operator : BDE
Sample : TUNE
Misc : 8270C/D/E SIM; EXTLOGXII 420G
ALS Vial : 3 Sample Multiplier: 1

Integration File: events.e

Method : C:\msdchem\1\methods\DFTPP.M
Title :
Last Update : Wed Sep 07 16:36:04 2022

Spectrum Information: Scan 558

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	52.0	10164	PASS
68	69	0.00	2	0.0	0	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	58.5	11448	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	19560	PASS
199	198	5	9	6.4	1246	PASS
275	198	10	30	23.4	4579	PASS
365	198	1	100	3.1	606	PASS
441	443	0.01	100	80.3	2811	PASS
442	198	40	100	83.0	16241	PASS
443	442	17	23	21.6	3502	PASS

DFTPP.M Tue Jan 10 10:04:17 2023

Data Path : C:\MSDCHEM\1\DATA\230201P\Snapshot\
Data File : 230201P002.D
Acq On : 1 Feb 2023 5:06 pm
Operator : BDE
Sample : TUNE
Misc : 8270C/D/E SIM; EXTLOGXII 420F
ALS Vial : 3 Sample Multiplier: 1

Integration File: events.e

Method : C:\msdchem\1\methods\DFTPP.M
Title :
Last Update : Wed Sep 07 16:36:04 2022

Spectrum Information: Scan 557

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	33.6	11118	PASS
68	69	0.00	2	0.0	0	PASS
70	69	0.00	2	0.0	0	PASS
127	198	40	60	49.0	16229	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	33136	PASS
199	198	5	9	7.3	2406	PASS
275	198	10	30	22.8	7549	PASS
365	198	1	100	2.6	870	PASS
441	443	0.01	100	81.8	5592	PASS
442	198	40	100	98.4	32608	PASS
443	442	17	23	21.0	6837	PASS

DFTPP.M Wed Feb 01 17:13:46 2023

Advanced Environmental Laboratories, Inc.

Initial Calibration Data Summary Report
FORM 6A

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Calibration Start Date/Time: 1/9/2023 21:04
Calibration End Date/Time: 1/10/2023 00:40

Instrument ID: J7P

CALIBRATION FACTORS

Data Files: 230109P022.D 230109P023.D 230109P024.D 230109P025.D 230109P026.D 230109P027.D 230109P028.D 230109P029.D 230109P030.D

Parameter	RRF1	RRF2	RRF3	RRF4	RRF5	RRF6	RRF7	RRF8	RRF9	MEAN	% RSD	CT
1-Methylnaphthalene		0.651	0.685	0.637	0.623	0.604	0.609	0.586	0.580	0.622	5.63	A
Naphthalene		1.036	1.125	1.011	1.044	0.986	1.000	0.958	0.927	1.011	5.95	A
2-Fluorobiphenyl		1.546	1.643	1.544	1.524	1.583	1.509	1.396	1.401	1.518	5.58	A
2-Methylnaphthalene-d10		0.594	0.651	0.598	0.588	0.575	0.588	0.560	0.535	0.586	5.73	A
Fluoranthene-d10		1.197	1.208	1.084	1.067	1.043	1.050	0.967	0.946	1.070	8.81	A
Nitrobenzene-d5		0.323	0.294	0.279	0.286	0.270	0.278	0.281	0.278	0.286	5.67	A
p-Terphenyl-d14		1.205	1.148	1.078	1.035	1.037	1.063	1.106	1.046	1.090	5.52	A

CT = A (Average), CT = Q (Quadratic), CT = L (Linear)

CT = Calibration Type
CT = Q or L will have an associated Regression Report

Response Factor Report J7P

Method Path : C:\msdchem\1\methods\
Method File : SIM-230109P-DOD.M
Title : 8270 PAH SIM
Last Update : Tue Jan 10 10:43:01 2023
Response Via : Initial Calibration

Calibration Files
1 =230109P022.D 2 =230109P023.D 3 =230109P024.D 4 =230109P025.D 5 =230109P026.D 6
7 =230109P028.D 8 =230109P029.D 9 =230109P030.D

		Compound	1	2	3	4	5	6	7	8	9	Avg	%RSD
1)	I	Naphthalene-d8 (IS)	----------ISTD----------										
2)	S	Nitrobenzene-d5	0.323	0.294	0.279	0.286	0.270	0.278	0.281	0.278	0.286		5.67
3)	T	Naphthalene	1.036	1.125	1.011	1.044	0.986	1.000	0.958	0.927	1.011		5.95
4)	S	2-Methylnaphth...	0.594	0.651	0.598	0.588	0.575	0.588	0.560	0.535	0.586		5.73
5)	T	2-Methylnaphth...	0.651	0.697	0.657	0.655	0.627	0.636	0.611	0.599	0.642		4.75
6)	T	1-Methylnaphth...	0.651	0.685	0.637	0.623	0.604	0.609	0.586	0.580	0.622		5.63
7)	I	Acenaphthene-d10 (IS)	----------ISTD----------										
8)	S	2-Fluorobiphenyl	1.546	1.643	1.544	1.524	1.583	1.509	1.396	1.401	1.518		5.58
9)	T	Acenaphthylene	2.228	2.329	2.113	2.147	2.105	2.149	2.075	2.007	2.144		4.58
10)	T	Acenaphthene	1.119	1.184	1.134	1.104	1.096	1.110	1.040	1.013	1.100		4.83
11)	T	Dibenzofuran	1.961	1.938	1.802	1.819	1.752	1.732	1.691	1.623	1.790		6.50
12)	T	Fluorene	1.386	1.522	1.424	1.410	1.434	1.366	1.307	1.282	1.391		5.44
13)	I	Phenanthrene-d10 (IS)	----------ISTD----------										
14)	T	Phenanthrene	1.020	1.141	1.033	1.020	0.979	1.043	0.959	0.949	1.018		5.96
15)	T	Anthracene	0.988	1.066	0.969	0.965	0.916	0.956	0.881	0.932	0.959		5.72
16)	T	Carbazole	0.950	1.031	0.962	0.951	0.914	0.960	0.892	0.917	0.947		4.48
17)	S	Fluoranthene-d10	1.197	1.208	1.084	1.067	1.043	1.050	0.967	0.946	1.070		8.81
18)	T	Fluoranthene	1.288	1.328	1.234	1.213	1.175	1.164	1.076	1.096	1.197		7.30
19)	I	Chrysene-d12 (IS)	----------ISTD----------										
20)	T	Pyrene	1.434	1.416	1.317	1.301	1.271	1.303	1.316	1.292	1.331		4.50
21)	S	p-Terphenyl-d14	1.205	1.148	1.078	1.035	1.037	1.063	1.106	1.046	1.090		5.52
22)	T	Benzo[a]anthra...	1.541	1.442	1.310	1.292	1.239	1.297	1.284	1.290	1.337		7.56
23)	T	Chrysene	1.378	1.377	1.286	1.224	1.209	1.256	1.214	1.250	1.274		5.38
24)	I	Perylene-d12 (IS)	----------ISTD----------										
25)	T	Benzo[b]fluora...	1.297	1.260	1.213	1.118	1.104	1.100	1.108	1.105	1.084	1.154	6.93
26)	T	Benzo[k]fluora...	1.242	1.300	1.171	1.155	1.128	1.122	1.128	1.133	1.172		5.53
27)	T	Benzo[a]pyrene	1.183	1.175	1.076	1.080	1.071	1.083	1.102	1.097	1.108		4.04
28)	T	Indeno(1,2,3-c...	1.138	1.077	1.011	1.013	0.988	1.062	1.079	1.087	1.057		4.70
29)	T	Dibenzo[a,h]an...	1.106	1.044	1.035	1.010	1.029	1.029	1.079	1.094	1.053		3.32
30)	T	Benzo[g,h,i]pe...	1.355	1.279	1.138	1.162	1.120	1.136	1.133	1.133	1.182		7.31

(#) = Out of Range

SIM-230109P-DOD.M Tue Jan 10 10:44:01 2023

Compound List Report J7P

Method Path : C:\msdchem\1\methods\
Method File : SIM-230109P-DOD.M
Title : 8270 PAH SIM
Last Update : Tue Jan 10 10:43:01 2023
Response Via : Initial Calibration

Total Cpnds : 30

PK#			Compound Name	QIon	Exp_RT	Rel_RT	Cal	#Qual	A/H	ID
1	I		Naphthalene-d8 (IS)	136	4.110	1.000	A	2	A	B
2		S	Nitrobenzene-d5	82	2.860	0.696	A	2	A	B
3		T	Naphthalene	128	4.158	1.012	A	2	A	B
4		S	2-Methylnaphthalene-d10	152	5.664	1.378	A	2	A	B
5		T	2-Methylnaphthalene	142	5.736	1.396	A	2	A	B
6		T	1-Methylnaphthalene	142	5.953	1.448	A	2	A	B
7	I		Acenaphthene-d10 (IS)	164	7.943	1.000	A	2	A	B
8		S	2-Fluorobiphenyl	172	6.585	0.829	A	2	A	B
9		T	Acenaphthylene	152	7.650	0.963	A	2	A	B
10		T	Acenaphthene	154	8.006	1.008	A	2	A	B
11		T	Dibenzofuran	168	8.354	1.052	A	2	A	B
12		T	Fluorene	166	9.008	1.134	A	2	A	B
13	I		Phenanthrene-d10 (IS)	188	10.674	1.000	A	3	A	B
14		T	Phenanthrene	178	10.716	1.004	A	2	A	B
15		T	Anthracene	178	10.804	1.012	A	2	A	B
16		T	Carbazole	167	11.118	1.042	A	2	A	B
17		S	Fluoranthene-d10	212	12.686	1.188	A	2	A	B
18		T	Fluoranthene	202	12.718	1.191	A	2	A	B
19	I		Chrysene-d12 (IS)	240	15.073	1.000	A	2	A	B
20		T	Pyrene	202	13.081	0.868	A	2	A	B
21		S	p-Terphenyl-d14	244	13.390	0.888	A	2	A	B
22		T	Benzo[a]anthracene	228	15.058	0.999	A	2	A	B
23		T	Chrysene	228	15.116	1.003	A	2	A	B
24	I		Perylene-d12 (IS)	264	17.492	1.000	A	3	A	B
25		T	Benzo[b]fluoranthene	252	16.822	0.962	A	2	A	B
26		T	Benzo[k]fluoranthene	252	16.869	0.964	A	2	A	B
27		T	Benzo[a]pyrene	252	17.390	0.994	A	2	A	B
28		T	Indeno(1,2,3-cd)pyrene	276	19.819	1.133	A	2	A	B
29		T	Dibenzo[a,h]anthracene	278	19.901	1.138	A	2	A	B
30		T	Benzo[g,h,i]perylene	276	20.522	1.173	A	2	A	B

Cal A = Average L = Linear LO = Linear w/origin Q = Quad QO = Quad w/origin
#Qual = number of qualifiers
A/H = Area or Height
ID R = R.T. B = R.T. & Q Q = Qvalue L = Largest A = All

SIM-230109P-DOD.M Tue Jan 10 10:43:50 2023

Calibration Status Report J7P

Method Path : C:\msdchem\1\methods\
Method File : SIM-230109P-DOD.M
Title : 8270 PAH SIM
Last Update : Tue Jan 10 10:43:01 2023
Response Via : Initial Calibration

#	ID	Conc	ISTD Conc	Path\File
1	1	-1	4	C:\msdchem\1\data\230109P\230109P022.D
2	2	0	4	C:\msdchem\1\data\230109P\230109P023.D
3	3	0	4	C:\msdchem\1\data\230109P\230109P024.D
4	4	1	4	C:\msdchem\1\data\230109P\230109P025.D
5	5	1	4	C:\msdchem\1\data\230109P\230109P026.D
6	6	2	4	C:\msdchem\1\data\230109P\230109P027.D
7	7	5	4	C:\msdchem\1\data\230109P\230109P028.D
8	8	50	4	C:\msdchem\1\data\230109P\230109P029.D
9	9	100	4	C:\msdchem\1\data\230109P\230109P030.D

#	ID	Update Time	Quant Time	Acquisition Time
1	1	Jan 10 10:43 2023	Jan 10 10:25 2023	9 Jan 2023 9:04 pm
2	2	Jan 10 10:43 2023	Jan 10 10:28 2023	9 Jan 2023 9:31 pm
3	3	Jan 10 10:43 2023	Jan 10 10:30 2023	9 Jan 2023 9:58 pm
4	4	Jan 10 10:43 2023	Jan 10 10:31 2023	9 Jan 2023 10:25 pm
5	5	Jan 10 10:43 2023	Jan 10 10:33 2023	9 Jan 2023 10:52 pm
6	6	Jan 10 10:43 2023	Jan 10 10:37 2023	9 Jan 2023 11:19 pm
7	7	Jan 10 10:43 2023	Jan 10 10:38 2023	9 Jan 2023 11:46 pm
8	8	Jan 10 10:43 2023	Jan 10 10:39 2023	10 Jan 2023 12:13 am
9	9	Jan 10 10:43 2023	Jan 10 10:42 2023	10 Jan 2023 12:40 am

SIM-230109P-DOD.M Tue Jan 10 10:43:56 2023

Advanced Environmental Laboratories, Inc.

Initial Calibration Verification Summary Report

FORM 6B

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Calibration Date/Time: 1/10/2023 01:07 **Lab File ID:** 230109P031.D

Instrument ID: J7P **Lab Sample ID:** ICV

Parameter	Spike Added	ICV Result	ICV %D	QC Limits Q	QC Limits % D
1-Methylnaphthalene	20.0	19.2	4.2		20
Naphthalene	20.0	19.3	3.4		20

Advanced Environmental Laboratories, Inc.

Continuing Calibration Verification Summary Report

FORM 7

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Calibration Date/Time: 2/1/2023 17:23 **Lab File ID:** 230201P003.D

Instrument ID: J7P **Lab Sample ID:** CCV

Parameter	Spike Added	CCV Result	CCV %D	QC Limits Q	QC Limits % D
1-Methylnaphthalene	20.0	21.2	6.1		20
Naphthalene	20.0	20.5	2.4		20
2-Fluorobiphenyl	20.0	20.0	0.10		20
2-Methylnaphthalene-d10	20.0	20.9	4.4		20
Fluoranthene-d10	20.0	20.0	0		20
Nitrobenzene-d5	20.0	22.9	15		20
p-Terphenyl-d14	20.0	20.5	2.3		20

Advanced Environmental Laboratories, Inc.

Continuing Calibration Verification Summary Report

FORM 7

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Calibration Date/Time: 2/2/2023 00:34 **Lab File ID:** 230201P019.D

Instrument ID: J7P **Lab Sample ID:** ENDCCV

Parameter	Spike Added	CCV Result	CCV %D	QC Limits Q	QC Limits % D
1-Methylnaphthalene	20.0	21.2	6.0		50
Naphthalene	20.0	20.6	3.0		50
2-Fluorobiphenyl	20.0	19.8	0.80		50
2-Methylnaphthalene-d10	20.0	20.7	3.3		50
Fluoranthene-d10	20.0	19.8	0.90		50
Nitrobenzene-d5	20.0	23.2	16		50
p-Terphenyl-d14	20.0	20.7	3.3		50

Advanced Environmental Laboratories, Inc.

FORM 8

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Run Number	**230109P-SIM-DOD-0**
Method	**EPA PAH**
Instrument ID	**J7P**

Seq	Sample ID	Analysis Date	Time	DF	Matrix	Data File
2.	IB	1/9/2023	18:10	1	WATER	230109P020.D
3.	TUNE	1/9/2023	20:47	1	WATER	230109P021.D
4.	ICAL1	1/9/2023	21:04	1	WATER	230109P022.D
5.	ICAL2	1/9/2023	21:31	1	WATER	230109P023.D
6.	ICAL3	1/9/2023	21:58	1	WATER	230109P024.D
7.	ICAL4	1/9/2023	22:25	1	WATER	230109P025.D
8.	ICAL5	1/9/2023	22:52	1	WATER	230109P026.D
9.	ICAL6	1/9/2023	23:19	1	WATER	230109P027.D
10.	ICAL7	1/9/2023	23:46	1	WATER	230109P028.D
11.	ICAL8	1/10/2023	00:13	1	WATER	230109P029.D
12.	ICAL9	1/10/2023	00:40	1	WATER	230109P030.D
13.	ICV	1/10/2023	01:07	1	WATER	230109P031.D

Advanced Environmental Laboratories, Inc.

FORM 8

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Run Number	**230201P-SIM-DOD-1**
Method	**EPA PAH**
Instrument ID	**J7P**

Seq	Sample ID	Analysis Date	Time	DF	Matrix	Data File
1.	IB	2/1/2023	16:39	1	WATER	230201P001.D
2.	TUNE	2/1/2023	17:06	1	WATER	230201P002.D
3.	CCV	2/1/2023	17:23	1	WATER	230201P003.D
4.	4646277	2/1/2023	17:50	1	SOIL	230201P004.D
5.	4646278	2/1/2023	18:17	1	SOIL	230201P005.D
6.	4646279	2/1/2023	18:44	1	SOIL	230201P006.D
7.	4646280	2/1/2023	19:11	1	SOIL	230201P007.D
8.	J2301357008	2/1/2023	19:38	1	SOIL	230201P008.D
9.	J2301357009	2/1/2023	20:05	1	SOIL	230201P009.D
10.	J2301357010	2/1/2023	20:32	1	SOIL	230201P010.D
11.	J2301357011	2/1/2023	20:59	1	SOIL	230201P011.D
12.	J2301357012	2/1/2023	21:26	1	SOIL	230201P012.D
13.	J2301357013	2/1/2023	21:53	2	SOIL	230201P013.D
14.	J2301357014	2/1/2023	22:20	1	SOIL	230201P014.D
15.	J2301357015	2/1/2023	22:47	1	SOIL	230201P015.D
16.	J2301357016	2/1/2023	23:14	1	SOIL	230201P016.D
17.	J2301357017	2/1/2023	23:41	1	SOIL	230201P017.D
18.	J2301357018	2/2/2023	00:07	1	SOIL	230201P018.D
19.	ENDCCV	2/2/2023	00:34	1	WATER	230201P019.D

Final Deliverable Report

Volatiles Organics Liquids Section

Result Summary Reports

Advanced Environmental Laboratories, Inc.

Volatile Analysis Results

FORM 1

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357001**		**Client ID:**	**143-RSPZ2-GW-AEB3053-REG**
			File ID:	**230130N015.qgd**
Date Collected:	**1/24/2023**	**15:50**		
Date Analyzed:	**1/30/2023**	**12:13**	**Matrix:**	**WATER**
Date Prepared:	**1/30/2023**	**07:00**	**Instrument ID:**	**J1N**
Dilution:	**1**		**Analytical Run ID:**	**230130N-8260-DOD-1**
Sample Wt/Vol:	**5.00**	**mL**	**% Moisture:**	**100**
Final Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5852**
Prep Method:	**SW-846 5030B**		**Lims Analytical Batch:**	**5853**

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1,2-Dichloroethane	107-06-2	**0.50**	U	0.25	0.50	1.0	ug/L
Benzene	71-43-2	**0.50**	U	0.25	0.50	1.0	ug/L
Ethylbenzene	100-41-4	**0.50**	U	0.25	0.50	1.0	ug/L
Methyl tert-butyl Ether (MTBE)	1634-04-4	**0.50**	U	0.25	0.50	1.0	ug/L
Methylene Chloride	75-09-2	**2.5**	U	1.2	2.5	5.0	ug/L
Trichloroethene	79-01-6	**0.50**	U	0.25	0.50	1.0	ug/L

** This analyte is reported as not certified. The LOQ listed on the report is the low point of the calibration curve. The MDL and LOD values are set to the LOQ at this time.

Analyst: ABO Instrument: J1N Trace Number:
Method: 8260C Batch:5853
Sample ID: J2301357001 Data File: C:\GCMSsolution\Data\230130N015.qgd
Date: 1/30/2023 Method File: C:\GCMSsolution\Data\8260-W-221122N.qgm
Time: 12:13:44 Sample Name: J2301357001
Dilution: 1

Internal Standard

ID#	Name	Mass	Time	Area	Conc.
1	1,4-Difluorobenzene (IS)	114.00	4.81	521565	50.00
51	Chlorobenzene-d5 (IS)	117.00	7.22	523949	50.00
71	1,4-Dichlorobenzene-d4 (IS)	150.00	9.44	371241	50.00

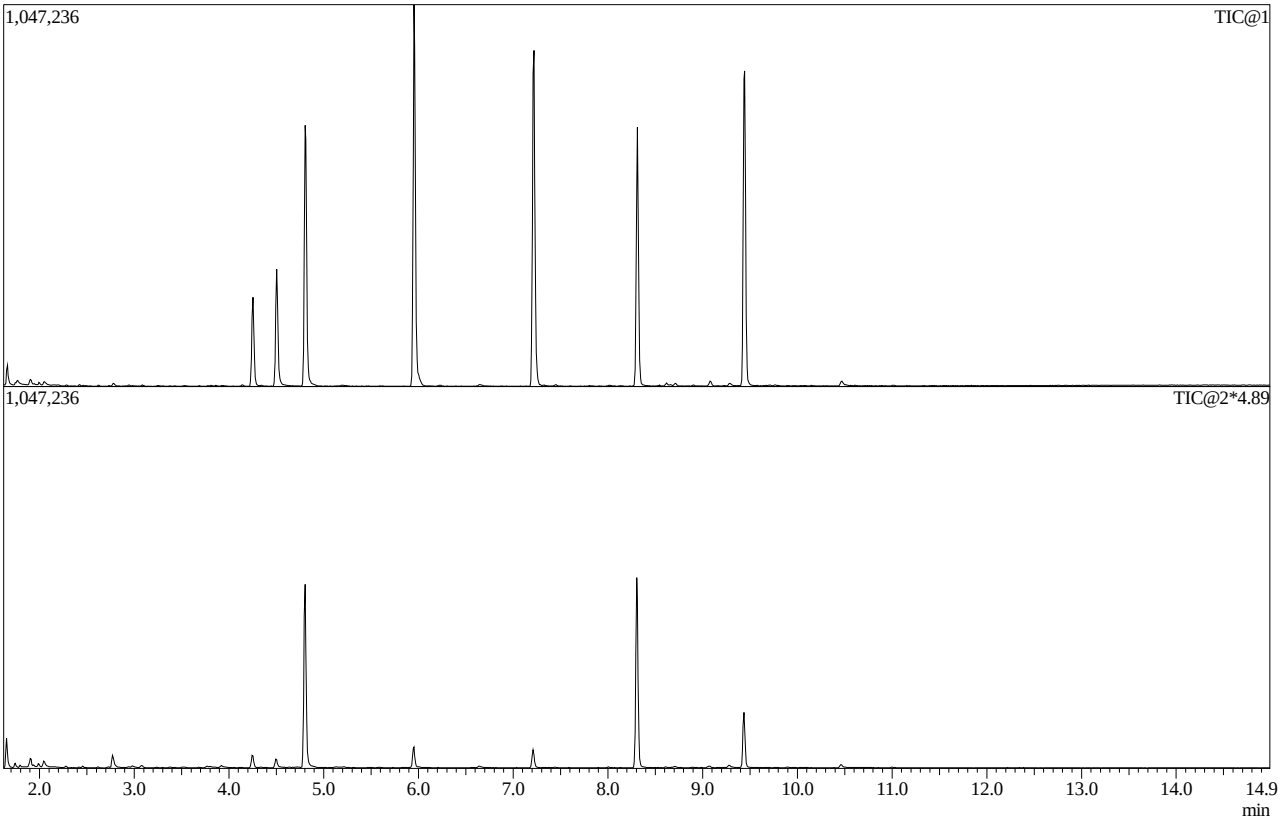
Surrogate

ID#	Name	Mass	Time	Area	Conc.
37	1,2-Dichloroethane-d4	65.00	4.50	171153	53.65
53	Toluene-d8	98.00	5.96	658636	49.94
74	Bromofluorobenzene	95.00	8.31	288868	54.06

Target

ID#	Name	Mass	Time	Area	Conc.
2	Dichlorodifluoromethane	85.00	-	---	N.D.(Peak)
3	Chloromethane	50.00	-	---	N.D.(Peak)
4	Vinyl Chloride	62.00	-	---	N.D.(Peak)
5	Bromomethane	94.00	-	---	N.D.(Peak)
6	Chloroethane	64.00	-	---	N.D.(Peak)
7	Trichlorofluoromethane	101.00	-	---	N.D.(Peak)
8	Diethyl Ether	59.00	-	---	N.D.(Peak)
9	Acrolein	56.00	-	---	N.D.(Peak)
10	1,1,2-Trichlorotrifluoroethane	101.00	-	---	N.D.(Peak)
11	1,1-Dichloroethene	61.00	-	---	N.D.(Peak)
12	Acetone	43.00	2.78	10040	3.92
13	Iodomethane (Methyl Iodide)	142.00	-	---	N.D.(Peak)
14	Carbon Disulfide	76.00	-	---	N.D.(Peak)
15	Acetonitrile	41.00	-	---	N.D.(Peak)
16	Methyl Acetate	43.00	-	---	N.D.(Peak)
17	Allyl Chloride(3-Chloroprene)	41.00	-	---	N.D.(Peak)
18	Methylene Chloride	49.00	-	---	N.D.(Peak)
19	Acrylonitrile	53.00	-	---	N.D.(Peak)
20	MTBE	73.00	-	---	N.D.(Peak)
21	trans-1,2-Dichloroethene	61.00	-	---	N.D.(Peak)
22	Vinyl Acetate	43.00	-	---	N.D.(Peak)
23	1,1-Dichloroethane	63.00	-	---	N.D.(Peak)
24	2-Butanone(MEK)	43.00	3.92	3024	0.28
25	Ethyl Acetate	45.00	-	---	N.D.(Peak)
26	cis-1,2-Dichloroethene	61.00	-	---	N.D.(Peak)
27	Propionitrile(Ethyl cyanide)	54.00	-	---	N.D.(Peak)
28	2,2-Dichloropropane	41.00	-	---	N.D.(Peak)
29	Methacrylonitrile	41.00	-	---	N.D.(Peak)
30	Bromochloromethane	49.00	-	---	N.D.(Peak)
31	Tetrahydrofuran	42.00	-	---	N.D.(Peak)
32	Chloroform	83.00	-	---	N.D.(Peak)
33	1,1,1-Trichloroethane	97.00	-	---	N.D.(Peak)
34	Cyclohexane	56.00	-	---	N.D.(Peak)
35	1,1-Dichloropropene	75.00	-	---	N.D.(Peak)
36	Carbon tetrachloride	117.00	-	---	N.D.(Peak)
38	Benzene	78.00	-	---	N.D.(Ref)
39	1,2-Dichloroethane	62.00	-	---	N.D.(Peak)
40	Trichloroethene	95.00	-	---	N.D.(Peak)
41	1,2-Dichloropropane	63.00	-	---	N.D.(Peak)
42	Methyl Cyclohexane	83.00	-	---	N.D.(Peak)
43	Dibromomethane	93.00	-	---	N.D.(Peak)
44	Bromodichloromethane	83.00	-	---	N.D.(Peak)
45	2-Nitropropane	43.00	-	---	N.D.(Peak)
46	2-Chloroetheylvinyl ether	63.00	-	---	N.D.(Peak)
47	cis-1,3-Dichloropropene	75.00	-	---	N.D.(Peak)
48	4-Methyl-2-Pentanone(MIBK)	43.00	-	---	N.D.(Ref)
49	trans-1,3-Dichloropropene	75.00	-	---	N.D.(Peak)
50	1,1,2-Trichloroethane	97.00	-	---	N.D.(Peak)
52	1,4 Dioxane	58.00	-	---	N.D.(Peak)
54	Toluene	91.00	6.01	2975	0.10
55	Ethyl Methacrylate	69.00	-	---	N.D.(Peak)

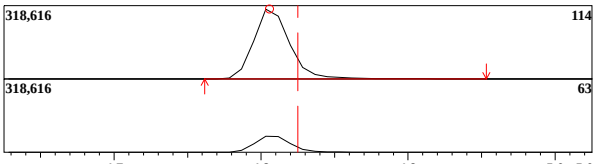
ID#	Name	Mass	Time	Area	Conc.
56	Tetrachloroethene	166.00	-	---	N.D.(Peak)
57	1,3-Dichloropropane	76.00	-	---	N.D.(Peak)
58	2-Hexanone(MBK)	43.00	-	---	N.D.(Peak)
59	Dibromochloromethane	127.00	-	---	N.D.(Peak)
60	1,2-Dibromoethane	107.00	-	---	N.D.(Peak)
61	Chlorobenzene	112.00	-	---	N.D.(Peak)
62	1,1,1,2-Tetrachloroethane	131.00	-	---	N.D.(Peak)
63	Ethylbenzene	91.00	-	---	N.D.
64	Xylene-mp	91.00	-	---	N.D.
65	Xylene-o	91.00	-	---	N.D.(Peak)
66	Styrene	104.00	-	---	N.D.(Peak)
67	Bromoform	173.00	-	---	N.D.(Peak)
68	Cyclohexanone	55.00	-	---	N.D.(Peak)
69	1,1,2,2-Tetrachloroethane	83.00	-	---	N.D.(Peak)
70	1,2,3-Trichloropropane	75.00	-	---	N.D.(Peak)
72	Isopropylbenzene	105.00	-	---	N.D.(Peak)
73	Trans-1,4-Dichloro-2-butene	53.00	-	---	N.D.(Peak)
75	Bromobenzene	77.00	-	---	N.D.(Peak)
76	n-Propylbenzene	91.00	-	---	N.D.
77	2-Chlorotoluene	91.00	-	---	N.D.(Ref)
78	1,3,5-Trimethylbenzene	105.00	-	---	N.D.
79	4-Chlorotoluene	91.00	-	---	N.D.(Peak)
80	tert-Butylbenzene	119.00	-	---	N.D.(Peak)
81	1,2,4-Trimethylbenzene	105.00	9.08	7674	0.39
82	sec-Butylbenzene	105.00	-	---	N.D.(Ref)
83	1,3-Dichlorobenzene	146.00	-	---	N.D.(Peak)
84	p-iso-Propyltoluene	119.00	-	---	N.D.(Peak)
85	1,4-Dichlorobenzene	146.00	-	---	N.D.(Peak)
86	n-Butylbenzene	91.00	-	---	N.D.(Peak)
87	1,2-Dichlorobenzene	146.00	-	---	N.D.(Peak)
88	1,2-Dibromo-3-chloropropane	75.00	-	---	N.D.(Peak)
89	1,2,4-Trichlorobenzene	180.00	-	---	N.D.(Peak)
90	Hexachlorobutadiene	225.00	-	---	N.D.(Peak)
91	Naphthalene	128.00	-	---	N.D.(Peak)
92	1,2,3-Trichlorobenzene	180.00	-	---	N.D.(Peak)



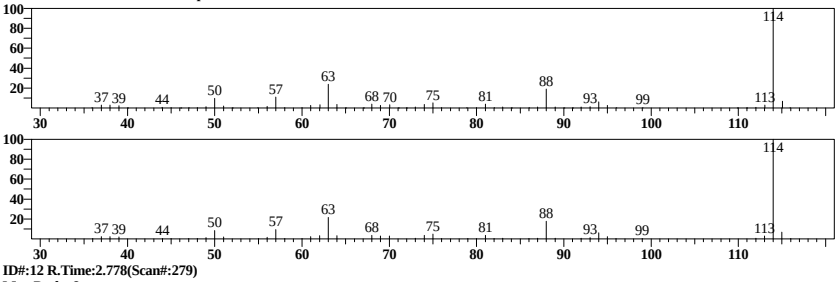
ID#:1 Name:1,4-Difluorobenzene (IS) Type:ISTD No Manual Integration

Mass:114.00 R.T:4.806 Area:521565 Conc:50.00000ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	63.00	58792	23.80	23.00



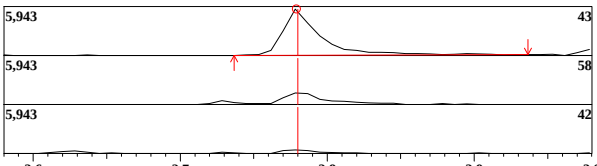
ID#:1 R.Time:4.803(Scan#:765)
MassPeaks:59
RawMode:Averaged 4.795-4.812(763-767)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



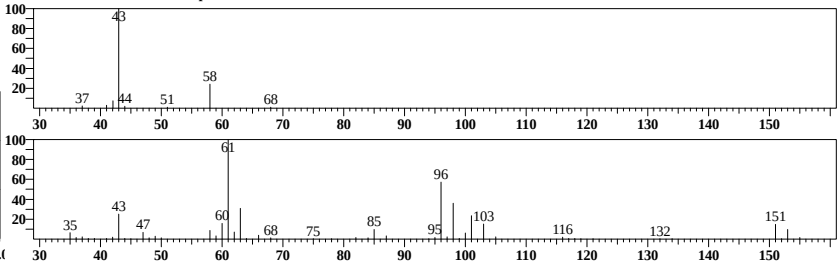
ID#:12 Name:Acetone Type:Target No Manual Integration

Mass:43.00 R.T:2.779 Area:10040 Conc:3.91961ppm
Event:1:Scan SI:23

#	m/z	Area	Ratio	Reference
1	58.00	1005	24.06	30.00
2	42.00	313	7.49	10.00



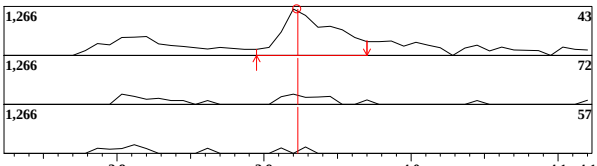
ID#:12 R.Time:2.778(Scan#:279)
MassPeaks:8
RawMode:Averaged 2.770-2.787(277-281)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



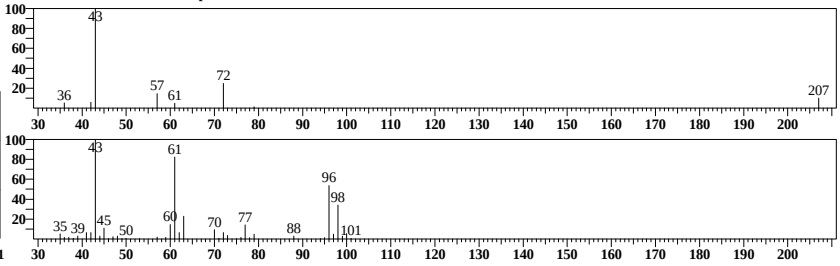
ID#:24 Name:2-Butanone(MEK) Type:Target No Manual Integration

Mass:43.00 R.T:3.922 Area:3024 Conc:0.27964ppm
Event:1:Scan SI:51

#	m/z	Area	Ratio	Reference
1	72.00	179	24.69	30.00
2	57.00	104	14.35	11.00



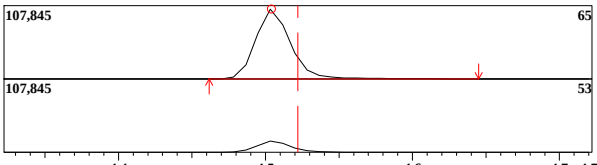
ID#:24 R.Time:3.920(Scan#:553)
MassPeaks:8
RawMode:Averaged 3.912-3.928(551-555)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



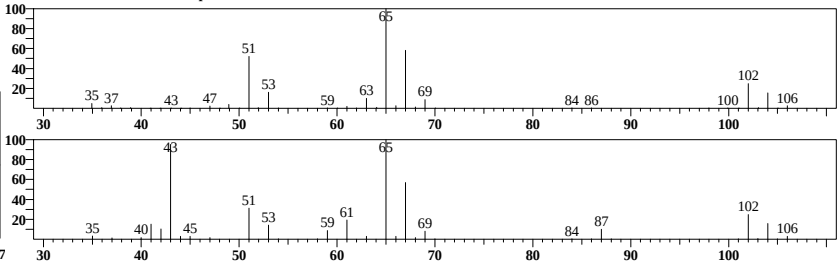
ID#:37 Name:1,2-Dichloroethane-d4 Type:Surrogate/SMC No Manual Integration

Mass:65.00 R.T:4.504 Area:171153 Conc:53.64917ppb
Event:1:Scan SI:84

#	m/z	Area	Ratio	Reference
1	53.00	13420	16.10	15.00



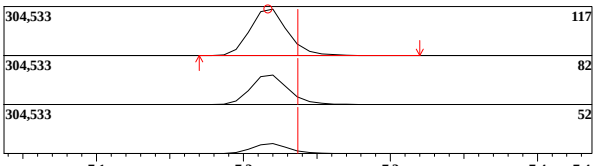
ID#:37 R.Time:4.503(Scan#:693)
MassPeaks:40
RawMode:Averaged 4.495-4.512(691-695)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



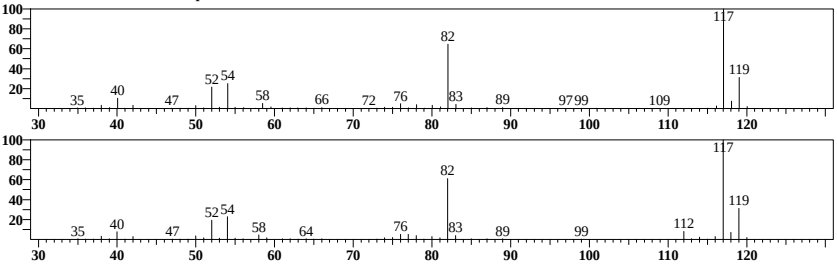
ID#:51 Name:Chlorobenzene-d5 (IS) Type:ISTD No Manual Integration

Mass:117.00 R.T:7.217 Area:523949 Conc:50.00000ppb
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	82.00	158239	64.57	60.00
2	52.00	52518	21.43	30.00



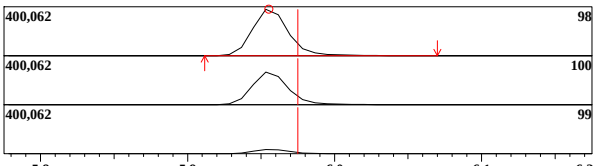
ID#:51 R.Time:7.220(Scan#:1345)
MassPeaks:67
RawMode:Averaged 7.212-7.228(1343-1347)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



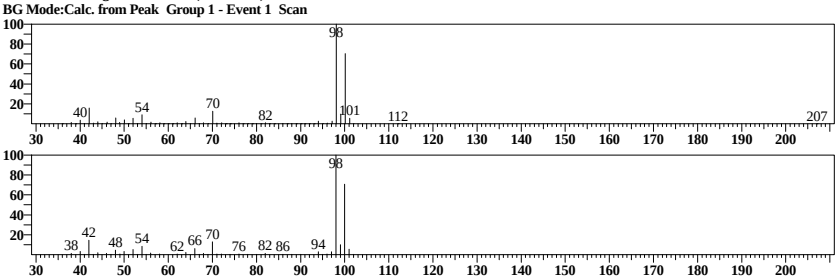
ID#:53 Name:Toluene-d8 Type:Surrogate/SMC No Manual Integration

Mass:98.00 R.T:5.955 Area:658636 Conc:49.93849ppb
Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	100.00	222910	70.38	70.00
2	99.00	30072	9.49	10.00



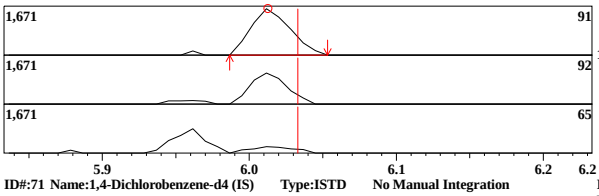
ID#:53 R.Time:5.953(Scan#:1041)
MassPeaks:66
RawMode:Averaged 5.945-5.962(1039-1043)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



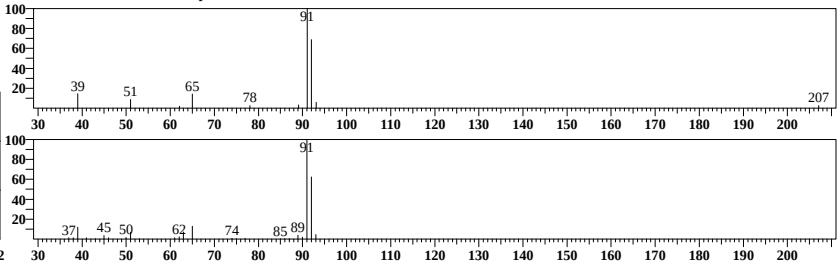
ID#:54 Name:Toluene Type:Target No Manual Integration

Mass:91.00 R.T:6.013 Area:2975 Conc:0.10163ppb
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	92.00	923	68.93	60.00
2	65.00	190	14.19	0.00



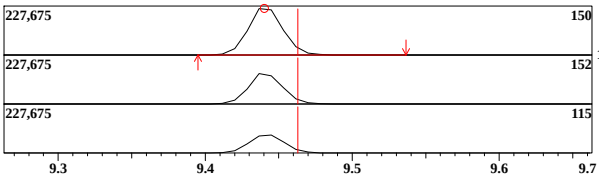
ID#:54 R.Time:6.012(Scan#:1055)
MassPeaks:10
RawMode:Averaged 6.003-6.020(1053-1057)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



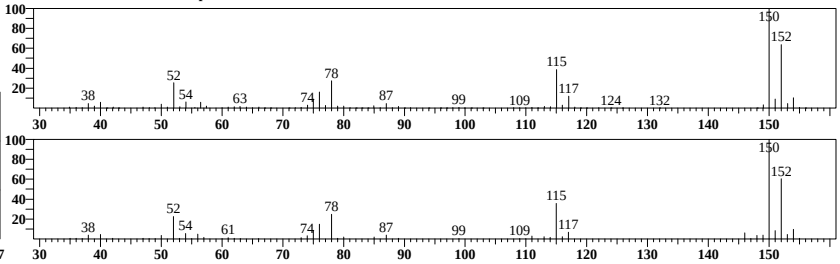
ID#:71 Name:1,4-Dichlorobenzene-d4 (IS) Type:ISTD No Manual Integration

Mass:150.00 R.T:9.440 Area:371241 Conc:50.00000ppb
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	152.00	114158	63.69	40.00
2	115.00	69053	38.52	25.00



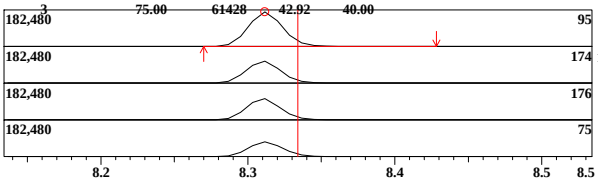
ID#:71 R.Time:9.437(Scan#:1877)
MassPeaks:84
RawMode:Averaged 9.428-9.445(1875-1879)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



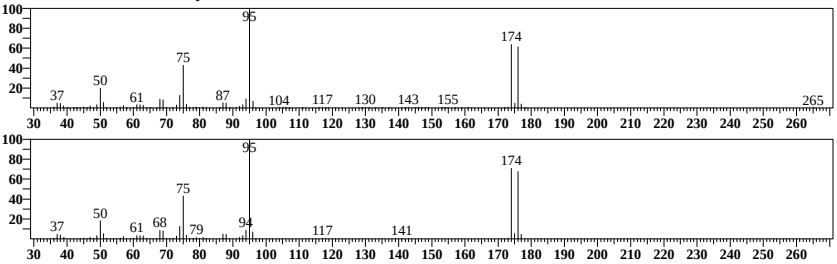
ID#:74 Name:Bromofluorobenzene Type:Surrogate/SMC No Manual Integration

Mass:95.00 R.T:8.312 Area:288868 Conc:54.06469ppb
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	174.00	91209	63.72	50.00
2	176.00	87875	61.39	50.00
3	75.00	61428	42.92	40.00



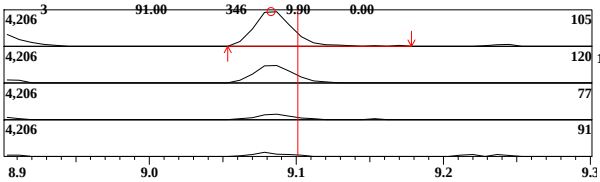
ID#:74 R.Time:8.312(Scan#:1607)
MassPeaks:90
RawMode:Averaged 8.303-8.320(1605-1609)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



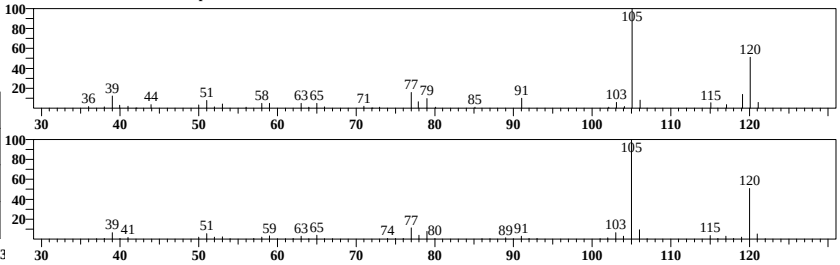
ID#:81 Name:1,2,4-Trimethylbenzene Type:Target No Manual Integration

Mass:105.00 R.T:9.083 Area:7674 Conc:0.38800ppb
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	120.00	1787	51.15	45.00
2	77.00	546	15.63	0.00
3	91.00	346	9.90	0.00



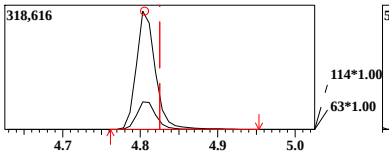
ID#:81 R.Time:9.087(Scan#:1793)
MassPeaks:37
RawMode:Averaged 9.078-9.095(1791-1795)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



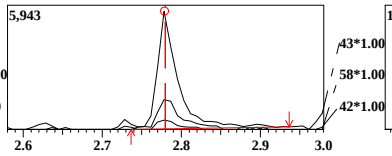
Before Manual Integrations

Analyst: ABO **Instr: J1N** **Trace Number:**
Method: 8260C **Batch:**
Sample ID: J2301357001 **Data File: C:\GCMSsolution\Data\230130N015.qgd**
Date: 1/30/2023 **Method File: C:\GCMSsolution\Data\8260-W-221122N.qgm**
Time: 12:13:44 **Sample Name: J2301357001**
Dilution: 1

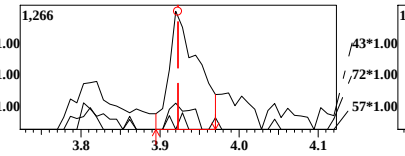
ID#:1 **Name:1,4-Difluorobenzene (IS)**
Mass:114.00 **Type:ISTD**
R.T:4.806 **Area:521565** **Conc:50.00000ppm**



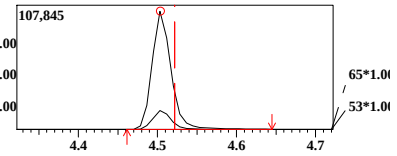
ID#:12 **Name:Acetone**
Mass:43.00 **Type:Target**
R.T:2.779 **Area:10040** **Conc:3.91961ppm**



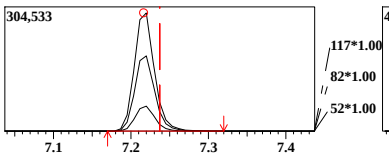
ID#:24 **Name:2-Butanone(MEK)**
Mass:43.00 **Type:Target**
R.T:3.922 **Area:3024** **Conc:0.27964ppm**



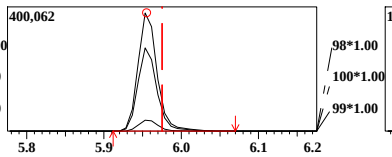
ID#:37 **Name:1,2-Dichloroethane-d4**
Mass:65.00 **Type:Surrogate/SMC**
R.T:4.504 **Area:171153** **Conc:53.64917ppb**



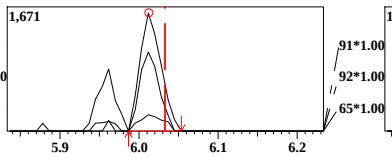
ID#:51 **Name:Chlorobenzene-d5 (IS)**
Mass:117.00 **Type:ISTD**
R.T:7.217 **Area:523949** **Conc:50.00000ppb**



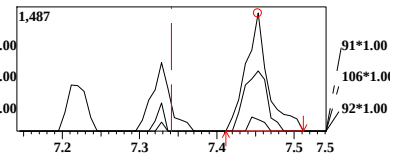
ID#:53 **Name:Toluene-d8**
Mass:98.00 **Type:Surrogate/SMC**
R.T:5.955 **Area:658636** **Conc:49.93849ppb**



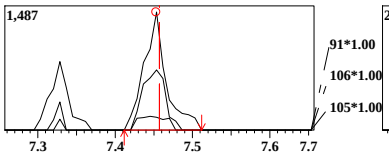
ID#:54 **Name:Toluene**
Mass:91.00 **Type:Target**
R.T:6.013 **Area:2975** **Conc:0.10163ppb**



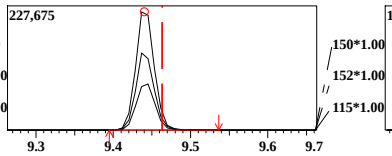
ID#:63 **Name:Ethylbenzene**
Mass:91.00 **Type:Target**
R.T:7.452 **Area:2829** **Conc:0.09106ppb**



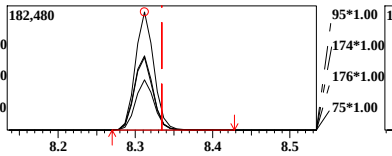
ID#:64 **Name:Xylene-mp**
Mass:91.00 **Type:Target**
R.T:7.452 **Area:2829** **Conc:0.11527ppb**



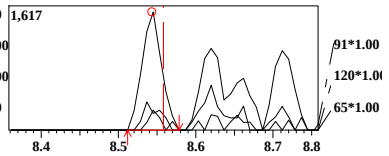
ID#:71 **Name:1,4-Dichlorobenzene-d4 (IS)**
Mass:150.00 **Type:ISTD**
R.T:9.440 **Area:371241** **Conc:50.00000ppb**



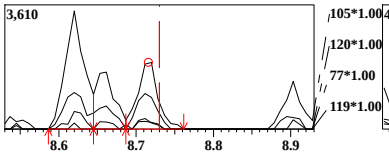
ID#:74 **Name:Bromofluorobenzene**
Mass:95.00 **Type:Surrogate/SMC**
R.T:8.312 **Area:288868** **Conc:54.06469ppb**



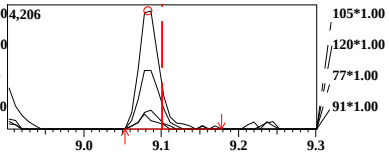
ID#:76 **Name:n-Propylbenzene**
Mass:91.00 **Type:Target**
R.T:8.543 **Area:2739** **Conc:0.08565ppb**



ID#:78 **Name:1,3,5-Trimethylbenzene**
Mass:105.00 **Type:Target**
R.T:8.716 **Area:3548** **Conc:0.16906ppb**



ID#:81 **Name:1,2,4-Trimethylbenzene**
Mass:105.00 **Type:Target**
R.T:9.083 **Area:7674** **Conc:0.38800ppb**



Advanced Environmental Laboratories, Inc.

Volatile Analysis Results

FORM 1

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357002**		**Client ID:**	**143-RSPZ3-GW-AEB3055-REG**
			File ID:	**230130N016.qgd**
Date Collected:	**1/24/2023**	**14:45**		
Date Analyzed:	**1/30/2023**	**12:37**	**Matrix:**	**WATER**
Date Prepared:	**1/30/2023**	**07:00**	**Instrument ID:**	**J1N**
Dilution:	**1**		**Analytical Run ID:**	**230130N-8260-DOD-1**
Sample Wt/Vol:	**5.00**	**mL**	**% Moisture:**	**100**
Final Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5852**
Prep Method:	**SW-846 5030B**		**Lims Analytical Batch:**	**5853**

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1,2-Dichloroethane	107-06-2	**0.50**	U	0.25	0.50	1.0	ug/L
Benzene	71-43-2	**3.0**		0.25	0.50	1.0	ug/L
Ethylbenzene	100-41-4	**47**		0.25	0.50	1.0	ug/L
Methyl tert-butyl Ether (MTBE)	1634-04-4	**0.50**	U	0.25	0.50	1.0	ug/L
Methylene Chloride	75-09-2	**2.5**	U	1.2	2.5	5.0	ug/L
Trichloroethene	79-01-6	**0.50**	U	0.25	0.50	1.0	ug/L

** This analyte is reported as not certified. The LOQ listed on the report is the low point of the calibration curve. The MDL and LOD values are set to the LOQ at this time.

Analyst: ABO Instrument: J1N Trace Number:
Method: 8260C Batch:5853
Sample ID: J2301357002 Data File: C:\GCMSsolution\Data\230130N016.qgd
Date: 1/30/2023 Method File: C:\GCMSsolution\Data\8260-W-221122N.qgm
Time: 12:37:51 Sample Name: J2301357002
Dilution: 1

Internal Standard

ID#	Name	Mass	Time	Area	Conc.
1	1,4-Difluorobenzene (IS)	114.00	4.81	528846	50.00
51	Chlorobenzene-d5 (IS)	117.00	7.22	527874	50.00
71	1,4-Dichlorobenzene-d4 (IS)	150.00	9.44	389747	50.00

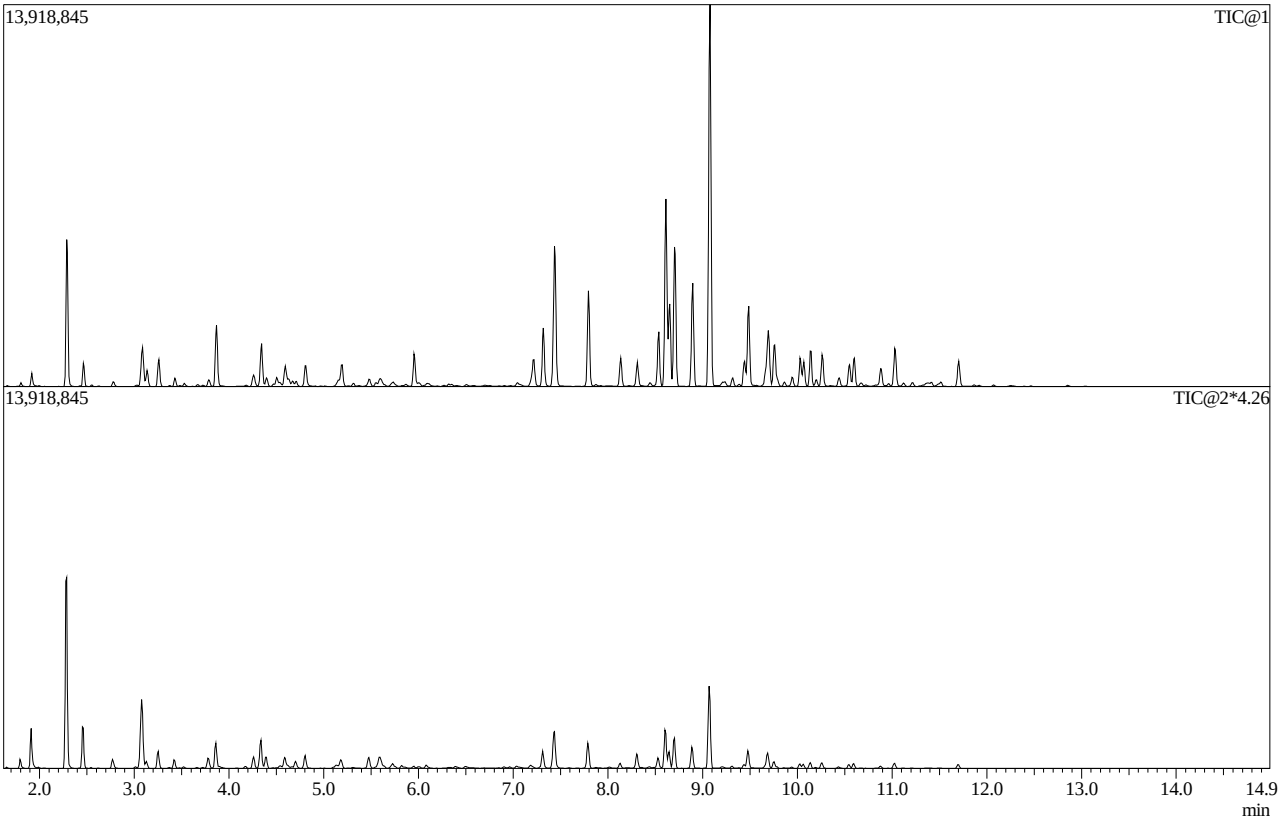
Surrogate

ID#	Name	Mass	Time	Area	Conc.
37	1,2-Dichloroethane-d4	65.00	4.50	168417	52.06
53	Toluene-d8	98.00	5.96	677854	51.01
74	Bromofluorobenzene	95.00	8.31	299214	53.34

Target

ID#	Name	Mass	Time	Area	Conc.
2	Dichlorodifluoromethane	85.00	-	---	N.D.(Peak)
3	Chloromethane	50.00	-	---	N.D.(Ref)
4	Vinyl Chloride	62.00	-	---	N.D.(Peak)
5	Bromomethane	94.00	-	---	N.D.(Peak)
6	Chloroethane	64.00	-	---	N.D.(Peak)
7	Trichlorofluoromethane	101.00	-	---	N.D.(Peak)
8	Diethyl Ether	59.00	-	---	N.D.(Peak)
9	Acrolein	56.00	-	---	N.D.
10	1,1,2-Trichlorotrifluoroethane	101.00	-	---	N.D.(Peak)
11	1,1-Dichloroethene	61.00	-	---	N.D.(Peak)
12	Acetone	43.00	2.78	96759	37.25
13	Iodomethane (Methyl Iodide)	142.00	-	---	N.D.(Peak)
14	Carbon Disulfide	76.00	-	---	N.D.(Peak)
15	Acetonitrile	41.00	-	---	N.D.
16	Methyl Acetate	43.00	-	---	N.D.(Ref)
17	Allyl Chloride(3-Chloroprene)	41.00	-	---	N.D.
18	Methylene Chloride	49.00	-	---	N.D.(Ref)
19	Acrylonitrile	53.00	-	---	N.D.
20	MTBE	73.00	-	---	N.D.(Peak)
21	trans-1,2-Dichloroethene	61.00	-	---	N.D.(Peak)
22	Vinyl Acetate	43.00	-	---	N.D.(Ref)
23	1,1-Dichloroethane	63.00	-	---	N.D.(Peak)
24	2-Butanone(MEK)	43.00	3.91	24887	2.27
25	Ethyl Acetate	45.00	-	---	N.D.(Peak)
26	cis-1,2-Dichloroethene	61.00	-	---	N.D.(Peak)
27	Propionitrile(Ethyl cyanide)	54.00	-	---	N.D.(Ref)
28	2,2-Dichloropropane	41.00	-	---	N.D.
29	Methacrylonitrile	41.00	-	---	N.D.
30	Bromochloromethane	49.00	-	---	N.D.(Peak)
31	Tetrahydrofuran	42.00	-	---	N.D.(Ref)
32	Chloroform	83.00	4.14	8929	0.89
33	1,1,1-Trichloroethane	97.00	-	---	N.D.(Peak)
34	Cyclohexane	56.00	4.34	624205	40.57
35	1,1-Dichloropropene	75.00	-	---	N.D.(Peak)
36	Carbon tetrachloride	117.00	-	---	N.D.(Peak)
38	Benzene	78.00	4.54	90058	3.01
39	1,2-Dichloroethane	62.00	-	---	N.D.(Peak)
40	Trichloroethene	95.00	-	---	N.D.(Ref)
41	1,2-Dichloropropane	63.00	-	---	N.D.(Peak)
42	Methyl Cyclohexane	83.00	5.19	264729	20.63
43	Dibromomethane	93.00	-	---	N.D.(Peak)
44	Bromodichloromethane	83.00	-	---	N.D.(Ref)
45	2-Nitropropane	43.00	-	---	N.D.(Ref)
46	2-Chloroetheylvinyl ether	63.00	-	---	N.D.(Peak)
47	cis-1,3-Dichloropropene	75.00	-	---	N.D.(Peak)
48	4-Methyl-2-Pentanone(MIBK)	43.00	5.83	34860	4.97
49	trans-1,3-Dichloropropene	75.00	-	---	N.D.(Peak)
50	1,1,2-Trichloroethane	97.00	-	---	N.D.(Ref)
52	1,4 Dioxane	58.00	-	---	N.D.
54	Toluene	91.00	6.02	16094	0.55
55	Ethyl Methacrylate	69.00	-	---	N.D.(Ref)

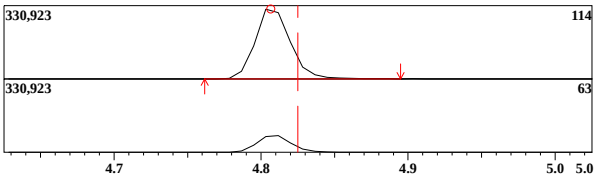
ID#	Name	Mass	Time	Area	Conc.
56	Tetrachloroethene	166.00	-	---	N.D.(Peak)
57	1,3-Dichloropropane	76.00	-	---	N.D.(Peak)
58	2-Hexanone(MBK)	43.00	-	---	N.D.
59	Dibromochloromethane	127.00	-	---	N.D.(Peak)
60	1,2-Dibromoethane	107.00	-	---	N.D.(Peak)
61	Chlorobenzene	112.00	-	---	N.D.(Peak)
62	1,1,1,2-Tetrachloroethane	131.00	-	---	N.D.(Peak)
63	Ethylbenzene	91.00	7.32	1456445	46.53
64	Xylene-mp	91.00	7.44	3336644	134.94
65	Xylene-o	91.00	7.79	2012799	83.26
66	Styrene	104.00	-	---	N.D.(Ref)
67	Bromoform	173.00	-	---	N.D.(Peak)
68	Cyclohexanone	55.00	-	---	N.D.
69	1,1,2,2-Tetrachloroethane	83.00	-	---	N.D.(Ref)
70	1,2,3-Trichloropropane	75.00	-	---	N.D.(Ref)
72	Isopropylbenzene	105.00	8.13	666556	23.98
73	Trans-1,4-Dichloro-2-butene	53.00	-	---	N.D.(Ref)
75	Bromobenzene	77.00	-	---	N.D.(Ref)
76	n-Propylbenzene	91.00	8.54	1600121	47.66
77	2-Chlorotoluene	91.00	-	---	N.D.(Ref)
78	1,3,5-Trimethylbenzene	105.00	8.71	2936820	133.30
79	4-Chlorotoluene	91.00	-	---	N.D.(Ref)
80	tert-Butylbenzene	119.00	9.01	3350	0.19
81	1,2,4-Trimethylbenzene	105.00	9.08	8100539	390.12
82	sec-Butylbenzene	105.00	9.24	109048	4.02
83	1,3-Dichlorobenzene	146.00	-	---	N.D.(Peak)
84	p-iso-Propyltoluene	119.00	9.38	37752	1.81
85	1,4-Dichlorobenzene	146.00	-	---	N.D.(Peak)
86	n-Butylbenzene	91.00	-	---	N.D.(Ref)
87	1,2-Dichlorobenzene	146.00	-	---	N.D.(Peak)
88	1,2-Dibromo-3-chloropropane	75.00	-	---	N.D.(Ref)
89	1,2,4-Trichlorobenzene	180.00	-	---	N.D.(Peak)
90	Hexachlorobutadiene	225.00	-	---	N.D.(Peak)
91	Naphthalene	128.00	11.70	766179	133.53
92	1,2,3-Trichlorobenzene	180.00	-	---	N.D.(Peak)



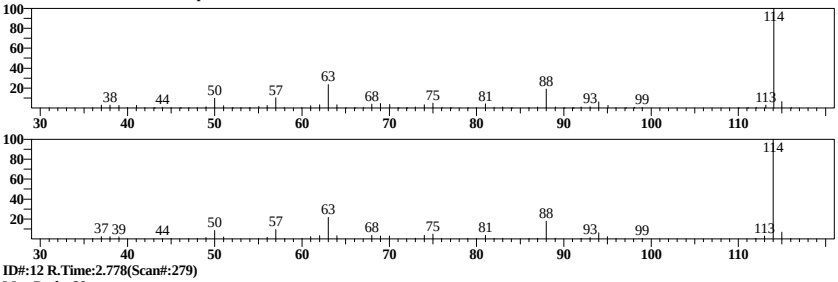
ID#:1 Name:1,4-Difluorobenzene (IS) Type:ISTD No Manual Integration

Mass:114.00 R.T:4.807 Area:528846 Conc:50.00000ppm
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	63.00	59773	23.46	23.00



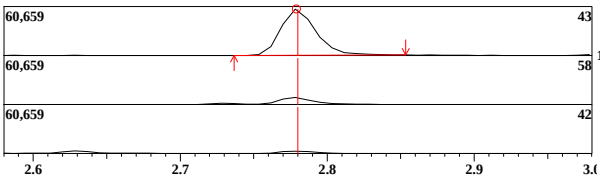
ID#:1 R.Time:4.803(Scan#:765)
MassPeaks:68
RawMode:Averaged 4.795-4.812(763-767)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



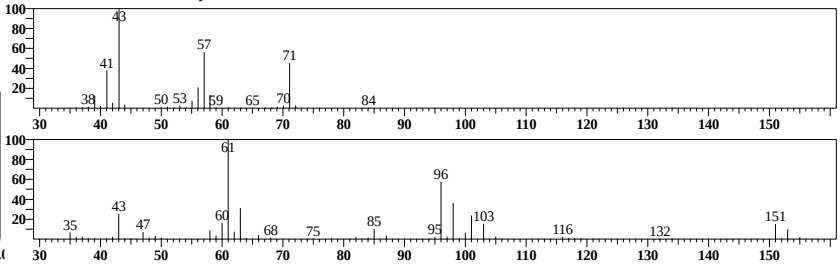
ID#:12 Name:Acetone Type:Target No Manual Integration

Mass:43.00 R.T:2.779 Area:96759 Conc:37.25457ppm
Event:1:Scan SI:30

#	m/z	Area	Ratio	Reference
1	58.00	6065	12.87	30.00
2	42.00	2492	5.29	10.00



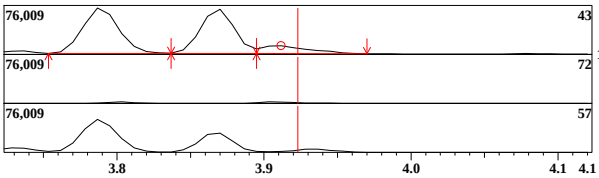
ID#:12 R.Time:2.778(Scan#:279)
MassPeaks:29
RawMode:Averaged 2.770-2.787(277-281)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



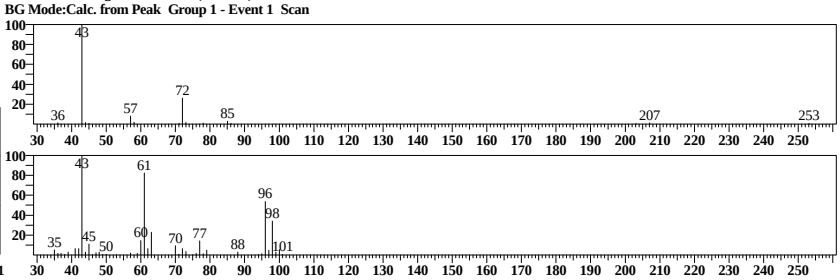
ID#:24 Name:2-Butanone(MEK) Type:Target No Manual Integration

Mass:43.00 R.T:3.912 Area:24887 Conc:2.26974ppm
Event:1:Scan SI:44

#	m/z	Area	Ratio	Reference
1	72.00	1392	25.99	30.00
2	57.00	435	8.12	11.00



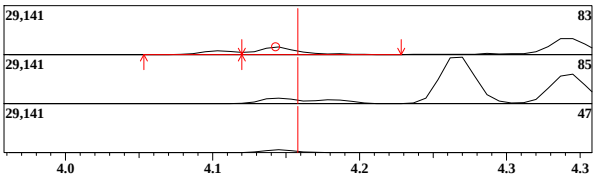
ID#:24 R.Time:3.912(Scan#:551)
MassPeaks:15
RawMode:Averaged 3.903-3.920(549-553)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



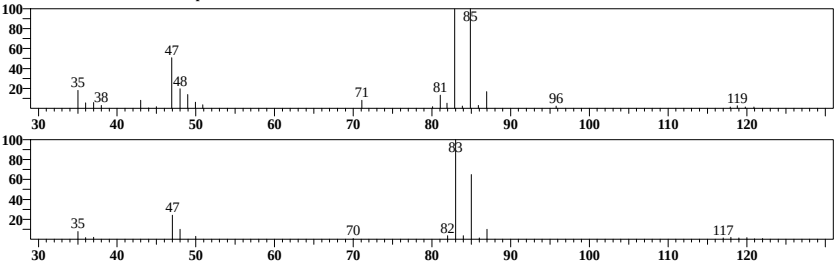
ID#:32 Name:Chloroform Type:Target No Manual Integration

Mass:83.00 R.T:4.143 Area:8929 Conc:0.88512ppm
Event:1:Scan SI:82

#	m/z	Area	Ratio	Reference
1	85.00	2838	100.35	64.00
2	47.00	1444	51.06	25.00



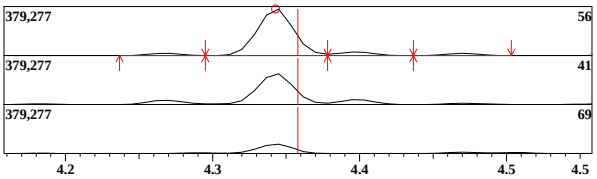
ID#:32 R.Time:4.145(Scan#:607)
MassPeaks:26
RawMode:Averaged 4.137-4.153(605-609)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



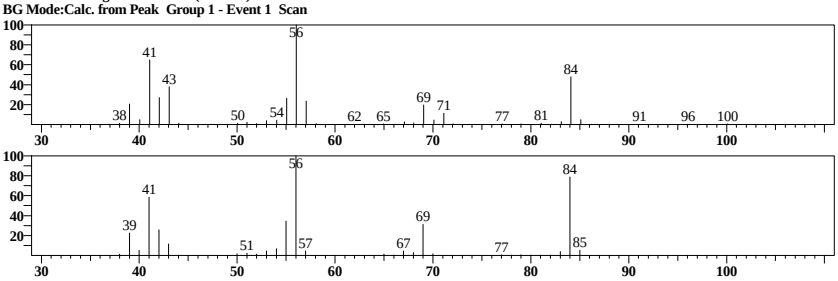
ID#:34 Name:Cyclohexane Type:Target No Manual Integration

Mass:56.00 R.T:4.343 Area:624205 Conc:40.56690ppm
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	41.00	191795	65.00	60.00
2	69.00	57619	19.53	25.00



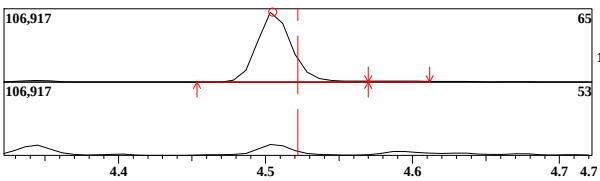
ID#:34 R.Time:4.345(Scan#:655)
MassPeaks:53
RawMode:Averaged 4.337-4.353(653-657)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



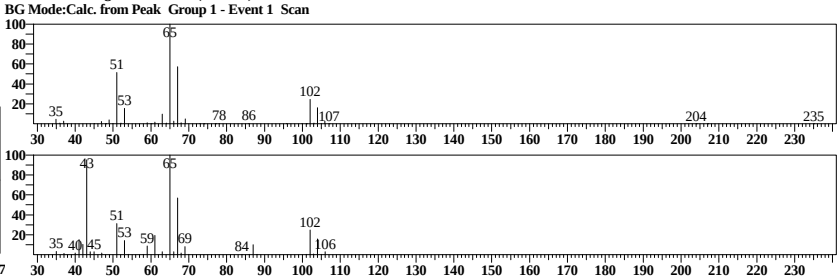
ID#:37 Name:1,2-Dichloroethane-d4 Type:Surrogate/SMC No Manual Integration

Mass:65.00 R.T:4.505 Area:168417 Conc:52.06473ppb
Event:1:Scan SI:76

#	m/z	Area	Ratio	Reference
1	53.00	12673	15.41	15.00



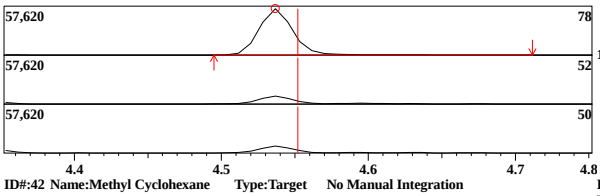
ID#:37 R.Time:4.503(Scan#:693)
MassPeaks:38
RawMode:Averaged 4.495-4.512(691-695)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



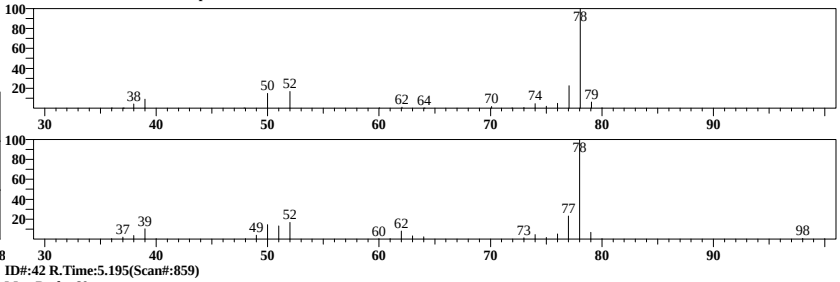
ID#:38 Name:Benzene Type:Target No Manual Integration

Mass:78.00 R.T:4.537 Area:90058 Conc:3.01221ppb
Event:1:Scan SI:92

#	m/z	Area	Ratio	Reference
1	52.00	7472	16.84	16.00
2	50.00	6599	14.87	0.00



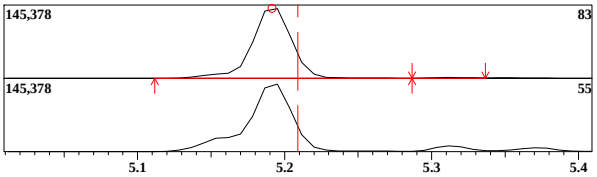
ID#:38 R.Time:4.537(Scan#:701)
MassPeaks:20
RawMode:Averaged 4.528-4.545(699-703)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



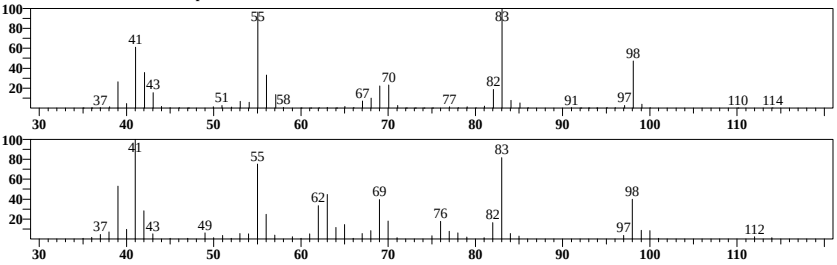
ID#:42 Name:Methyl Cyclohexane Type:Target No Manual Integration

Mass:83.00 R.T:5.192 Area:264729 Conc:20.62597ppb
Event:1:Scan SI:83

#	m/z	Area	Ratio	Reference
1	55.00	115441	96.53	80.00



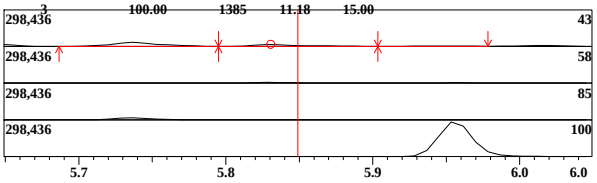
ID#:42 R.Time:5.195(Scan#:859)
MassPeaks:60
RawMode:Averaged 5.187-5.203(857-861)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



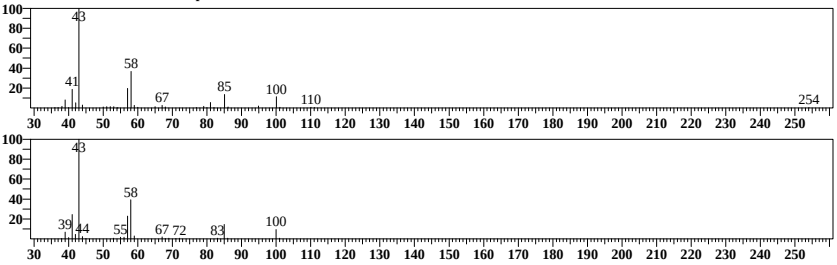
ID#:48 Name:4-Methyl-2-Pentanone(MIBK) Type:Target No Manual Integration

Mass:43.00 R.T:5.831 Area:34860 Conc:4.96981ppb
Event:1:Scan SI:93

#	m/z	Area	Ratio	Reference
1	58.00	4533	36.60	40.00
2	85.00	1688	13.63	15.00
3	100.00	1385	11.18	15.00



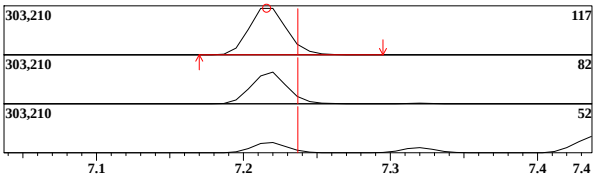
ID#:48 R.Time:5.828(Scan#:1011)
MassPeaks:34
RawMode:Averaged 5.820-5.837(1009-1013)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



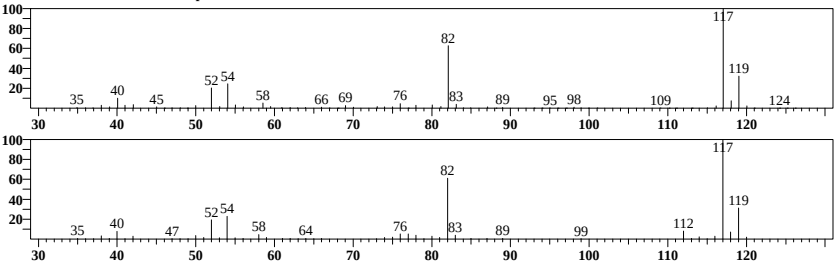
ID#:51 Name:Chlorobenzene-d5 (IS) Type:ISTD No Manual Integration

Mass:117.00 R.T:7.216 Area:527874 Conc:50.00000ppb
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	82.00	153634	62.82	60.00
2	52.00	49236	20.13	30.00



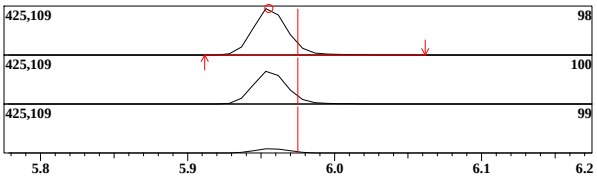
ID#:51 R.Time:7.212(Scan#:1343)
MassPeaks:68
RawMode:Averaged 7.203-7.220(1341-1345)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



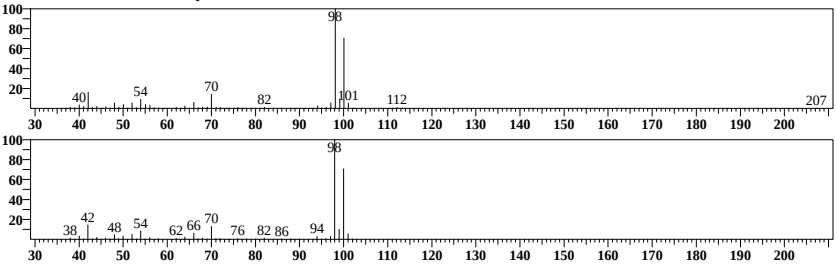
ID#:53 Name:Toluene-d8 Type:Surrogate/SMC No Manual Integration

Mass:98.00 R.T:5.955 Area:677854 Conc:51.01347ppb
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	100.00	233915	70.59	70.00
2	99.00	31163	9.40	10.00



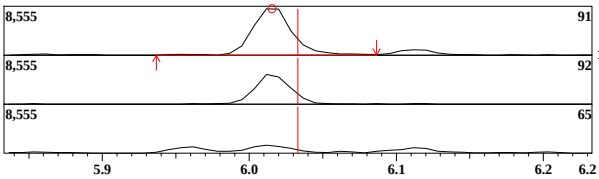
ID#:53 R.Time:5.953(Scan#:1041)
MassPeaks:69
RawMode:Averaged 5.945-5.962(1039-1043)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



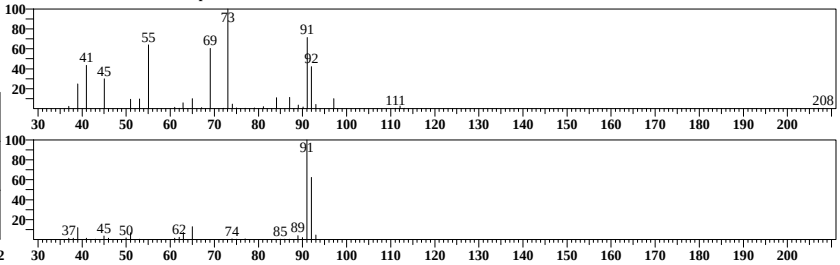
ID#:54 Name:Toluene Type:Target No Manual Integration

Mass:91.00 R.T:6.016 Area:16094 Conc:0.54572ppb
Event:1:Scan SI:55

#	m/z	Area	Ratio	Reference
1	92.00	4170	58.80	60.00
2	65.00	1001	14.11	0.00



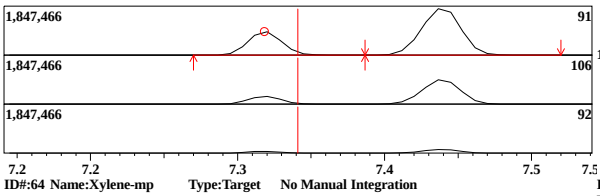
ID#:54 R.Time:6.012(Scan#:1055)
MassPeaks:33
RawMode:Averaged 6.003-6.020(1053-1057)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:63 Name:Ethylbenzene Type:Target No Manual Integration

Mass:91.00 R.T:7.318 Area:1456445 Conc:46.53250ppb
Event:1:Scan SI:83

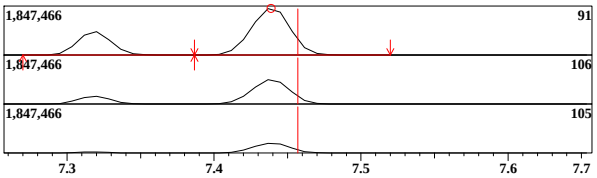
#	m/z	Area	Ratio	Reference
1	106.00	243404	32.84	33.00
2	92.00	57445	7.75	10.00



ID#:64 Name:Xylene-mp Type:Target No Manual Integration

Mass:91.00 R.T:7.439 Area:3336644 Conc:134.94111ppb
Event:1:Scan SI:99

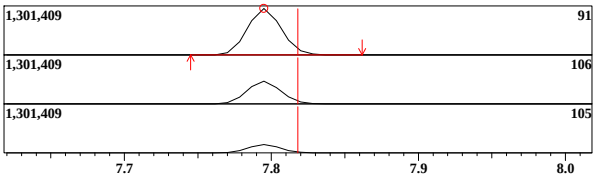
#	m/z	Area	Ratio	Reference
1	106.00	802342	51.94	30.00
2	105.00	323554	20.94	0.00



ID#:65 Name:Xylene-oType:Target No Manual Integration

Mass:91.00 R.T:7.795 Area:2012799 Conc:83.25801ppb
Event:1:Scan SI:95

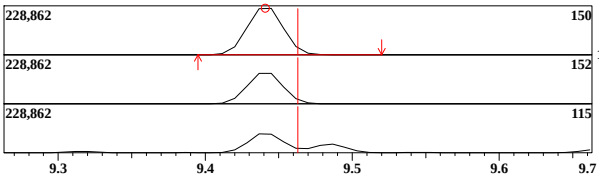
#	m/z	Area	Ratio	Reference
1	106.00	503293	49.34	50.00
2	105.00	183444	17.98	0.00



ID#:71 Name:1,4-Dichlorobenzene-d4 (IS) Type:ISTD No Manual Integration

Mass:150.00 R.T:9.441 Area:389747 Conc:50.00000ppb
Event:1:Scan SI:94

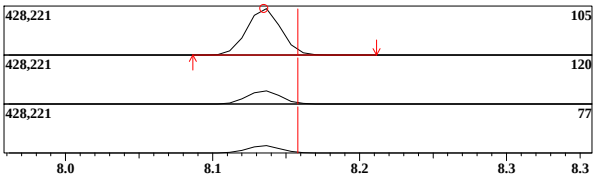
#	m/z	Area	Ratio	Reference
1	152.00	121611	65.59	40.00
2	115.00	74721	40.30	25.00



ID#:72 Name:Isopropylbenzene Type:Target No Manual Integration

Mass:105.00 R.T:8.135 Area:666556 Conc:23.98174ppb
Event:1:Scan SI:98

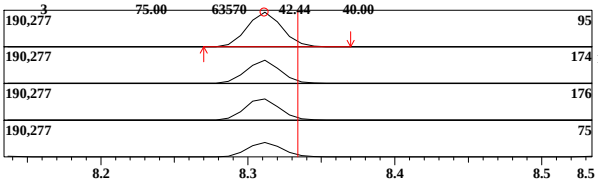
#	m/z	Area	Ratio	Reference
1	120.00	97638	28.70	30.00
2	77.00	53410	15.70	0.00



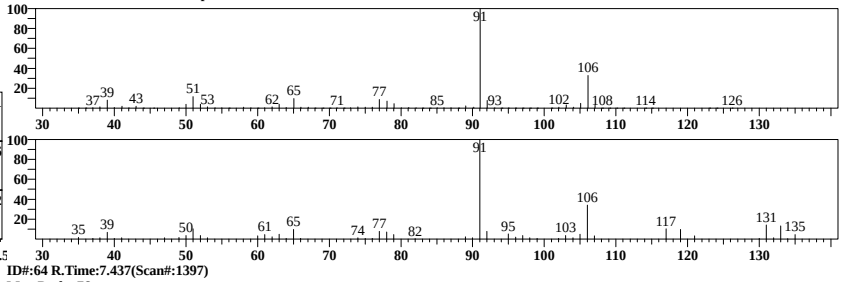
ID#:74 Name:Bromofluorobenzene Type:Surrogate/SMC No Manual Integration

Mass:95.00 R.T:8.311 Area:299214 Conc:53.34201ppb
Event:1:Scan SI:93

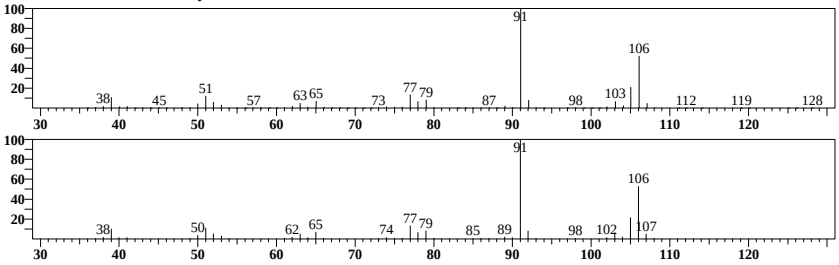
#	m/z	Area	Ratio	Reference
1	174.00	98699	65.89	50.00
2	176.00	93263	62.26	50.00
3	75.00	63570	42.44	40.00



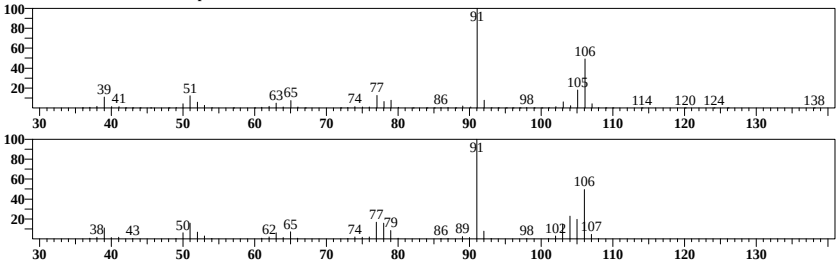
ID#:63 R.Time:7.320(Scan#:1369)
MassPeaks:77
RawMode:Averaged 7.312-7.328(1367-1371)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



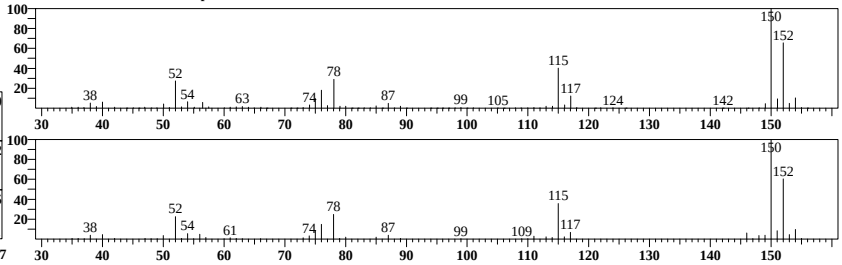
ID#:64 R.Time:7.437(Scan#:1397)
MassPeaks:76
RawMode:Averaged 7.428-7.445(1395-1399)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



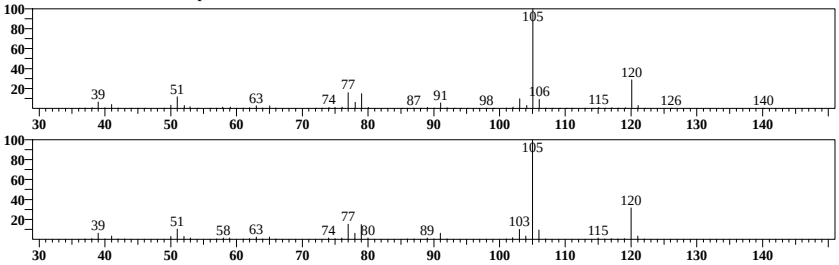
ID#:65 R.Time:7.795(Scan#:1483)
MassPeaks:68
RawMode:Averaged 7.787-7.803(1481-1485)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



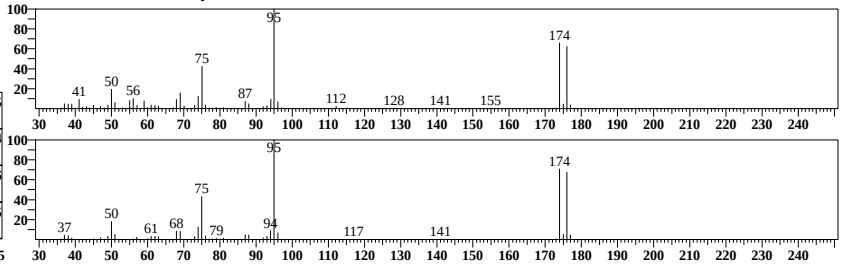
ID#:71 R.Time:9.445(Scan#:1879)
MassPeaks:85
RawMode:Averaged 9.437-9.453(1877-1881)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:72 R.Time:8.137(Scan#:1565)
MassPeaks:72
RawMode:Averaged 8.128-8.145(1563-1567)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



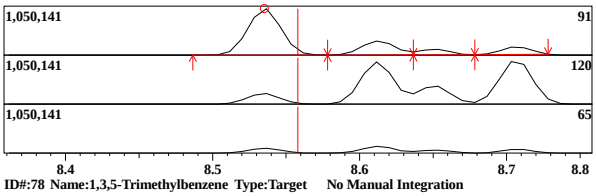
ID#:74 R.Time:8.312(Scan#:1607)
MassPeaks:106
RawMode:Averaged 8.303-8.320(1605-1609)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



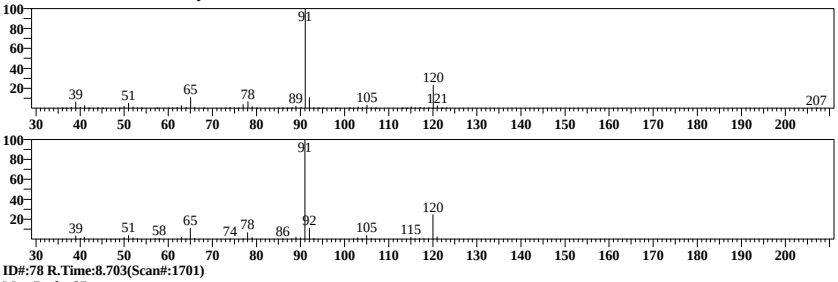
ID#:76 Name:n-PropylbenzeneType:Target No Manual Integration

Mass:91.00 R.T:8.535 Area:1600121 Conc:47.66078ppb
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	120.00	186776	22.71	20.00
2	65.00	88562	10.77	0.00



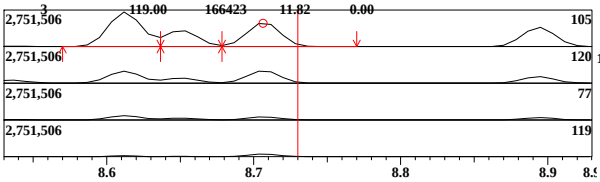
ID#:76 R.Time:8.537(Scan#:1661)
MassPeaks:64
RawMode:Averaged 8.528-8.545(1659-1663)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



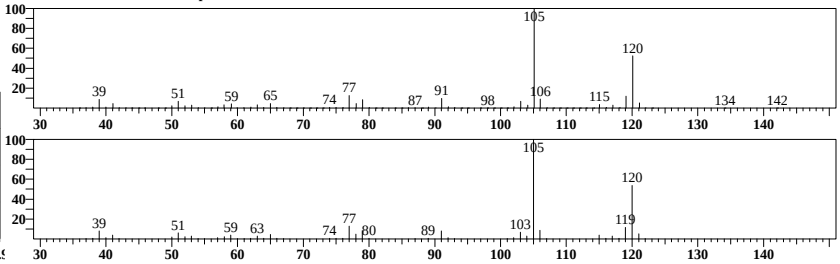
ID#:78 Name:1,3,5-Trimethylbenzene Type:Target No Manual Integration

Mass:105.00 R.T:8.707 Area:2936820 Conc:133.29614ppb
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	120.00	737895	52.43	50.00
2	77.00	176485	12.54	0.00
3	119.00	166423	11.82	0.00



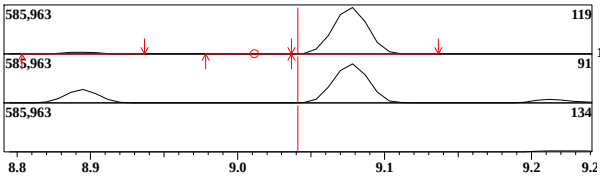
ID#:78 R.Time:8.703(Scan#:1701)
MassPeaks:87
RawMode:Averaged 8.695-8.712(1699-1703)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



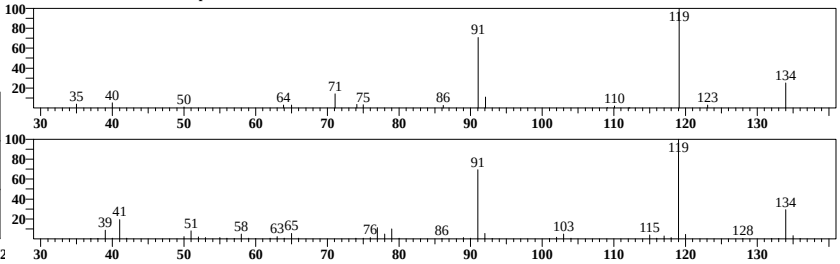
ID#:80 Name:tert-Butylbenzene Type:Target No Manual Integration

Mass:119.00 R.T:9.012 Area:3350 Conc:0.18779ppb
Event:1:Scan SI:74

#	m/z	Area	Ratio	Reference
1	91.00	789	70.70	70.00
2	134.00	279	25.00	25.00



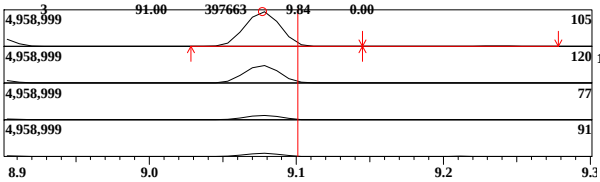
ID#:80 R.Time:9.012(Scan#:1775)
MassPeaks:17
RawMode:Averaged 9.003-9.020(1773-1777)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



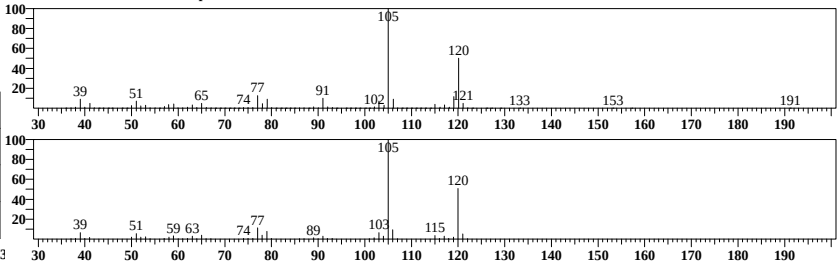
ID#:81 Name:1,2,4-Trimethylbenzene Type:Target No Manual Integration

Mass:105.00 R.T:9.077 Area:8100539 Conc:390.11672ppb
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	120.00	2029688	50.23	45.00
2	77.00	511168	12.65	0.00
3	91.00	397663	9.84	0.00



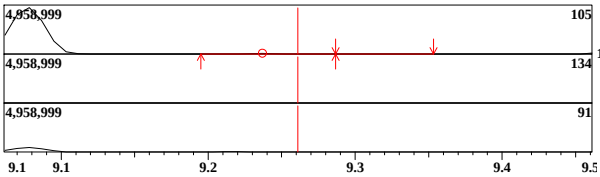
ID#:81 R.Time:9.078(Scan#:1791)
MassPeaks:93
RawMode:Averaged 9.070-9.087(1789-1793)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



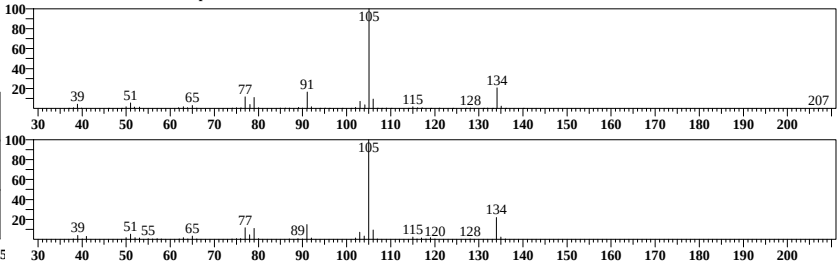
ID#:82 Name:sec-Butylbenzene Type:Target No Manual Integration

Mass:105.00 R.T:9.237 Area:109048 Conc:4.01778ppb
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	134.00	11263	20.55	20.00
2	91.00	8960	16.34	0.00



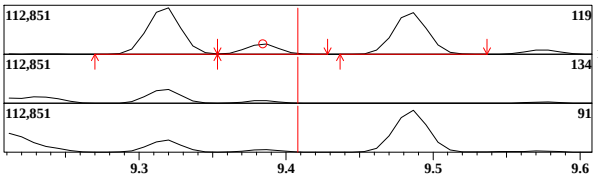
ID#:82 R.Time:9.237(Scan#:1829)
MassPeaks:60
RawMode:Averaged 9.228-9.245(1827-1831)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



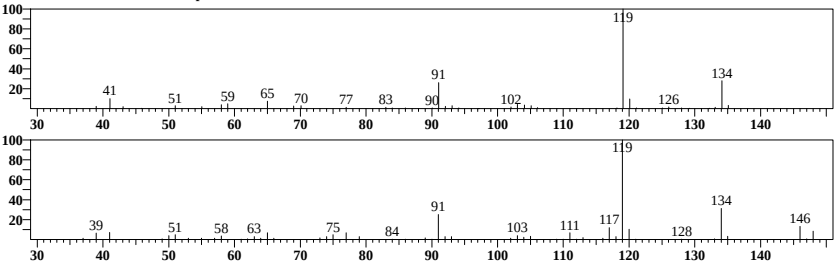
ID#:84 Name:p-iso-Propyltoluene Type:Target No Manual Integration

Mass:119.00 R.T:9.384 Area:37752 Conc:1.81063ppb
Event:1:Scan SI:80

#	m/z	Area	Ratio	Reference
1	134.00	5220	27.84	30.00
2	91.00	4899	26.13	25.00



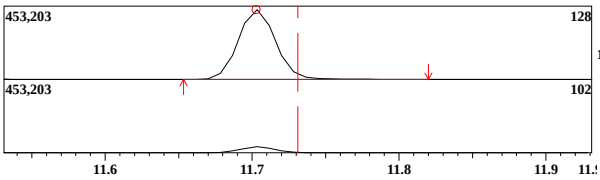
ID#:84 R.Time:9.387(Scan#:1865)
MassPeaks:38
RawMode:Averaged 9.378-9.395(1863-1867)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



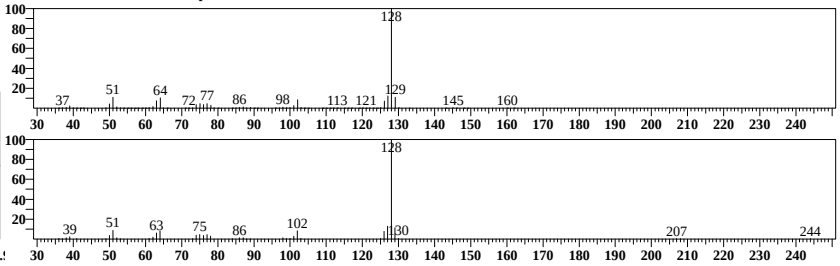
ID#:91 Name:Naphthalene Type:Target No Manual Integration

Mass:128.00 R.T:11.703 Area:766179 Conc:133.53072ppb
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	102.00	31197	8.40	2.00



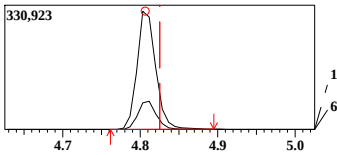
ID#:91 R.Time:11.703(Scan#:2421)
MassPeaks:82
RawMode:Averaged 11.695-11.712(2419-2423)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



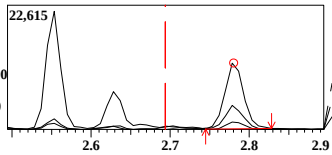
Before Manual Integrations

Analyst: ABO **Instr: J1N** **Trace Number:**
Method: 8260C **Batch:**
Sample ID: J2301357002 **Data File: C:\GCMSsolution\Data\230130N016.qgd**
Date: 1/30/2023 **Method File: C:\GCMSsolution\Data\8260-W-221122N.qgm**
Time: 12:37:51 **Sample Name: J2301357002**
Dilution: 1

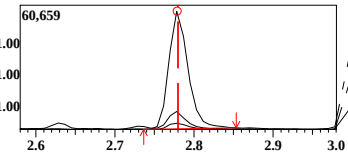
ID#:1 **Name:1,4-Difluorobenzene (IS)**
Mass:114.00 **Type:ISTD**
R.T:4.807 **Area:528846** **Conc:50.00000ppm**



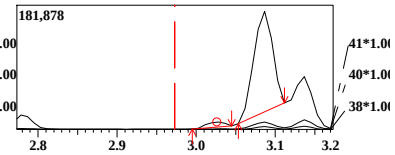
ID#:9 **Name:Acrolein**
Mass:56.00 **Type:Target**
R.T:2.781 **Area:19843** **Conc:49.64962ppm**



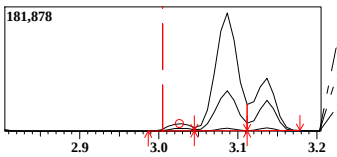
ID#:12 **Name:Acetone**
Mass:43.00 **Type:Target**
R.T:2.779 **Area:96759** **Conc:37.25457ppm**



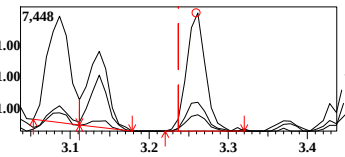
ID#:15 **Name:Acetonitrile**
Mass:41.00 **Type:Target**
R.T:3.026 **Area:13553** **Conc:15.52535ppm**



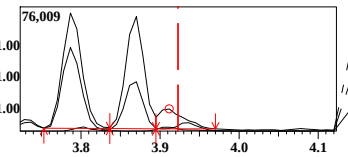
ID#:17 **Name:Allyl Chloride(3-Chloroprene)**
Mass:41.00 **Type:Target**
R.T:3.026 **Area:21244** **Conc:2.45314ppm**



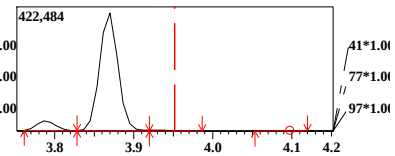
ID#:19 **Name:Acrylonitrile**
Mass:53.00 **Type:Target**
R.T:3.259 **Area:11829** **Conc:3.92638ppm**



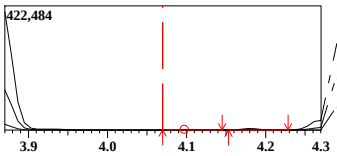
ID#:24 **Name:2-Butanone(MEK)**
Mass:43.00 **Type:Target**
R.T:3.912 **Area:24887** **Conc:2.26974ppm**



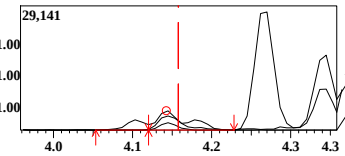
ID#:28 **Name:2,2-Dichloropropane**
Mass:41.00 **Type:Target**
R.T:4.098 **Area:2557** **Conc:0.14846ppm**



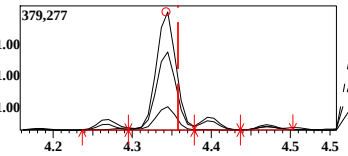
ID#:29 **Name:Methacrylonitrile**
Mass:41.00 **Type:Target**
R.T:4.098 **Area:3235** **Conc:0.66568ppm**



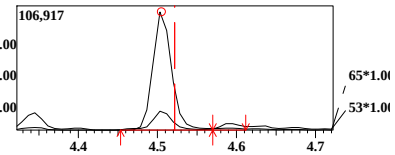
ID#:32 **Name:Chloroform**
Mass:83.00 **Type:Target**
R.T:4.143 **Area:8929** **Conc:0.88512ppm**



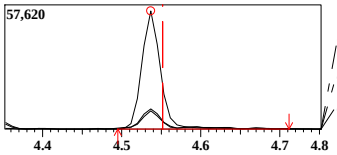
ID#:34 **Name:Cyclohexane**
Mass:56.00 **Type:Target**
R.T:4.343 **Area:624205** **Conc:40.56690ppm**



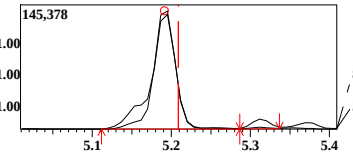
ID#:37 **Name:1,2-Dichloroethane-d4**
Mass:65.00 **Type:Surrogate/SMC**
R.T:4.505 **Area:168417** **Conc:52.06473ppb**



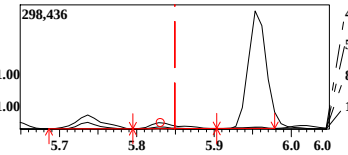
ID#:38 **Name:Benzene**
Mass:78.00 **Type:Target**
R.T:4.537 **Area:90058** **Conc:3.01221ppb**



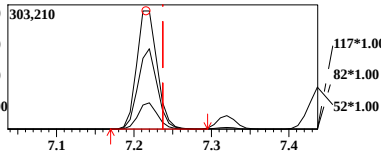
ID#:42 **Name:Methyl Cyclohexane**
Mass:83.00 **Type:Target**
R.T:5.192 **Area:264729** **Conc:20.62597ppb**



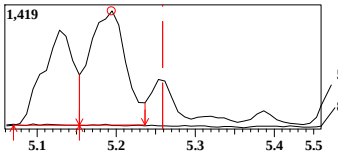
ID#:48 **Name:4-Methyl-2-Pentanone(MIBK)**
Mass:43.00 **Type:Target**
R.T:5.831 **Area:34860** **Conc:4.96981ppb**



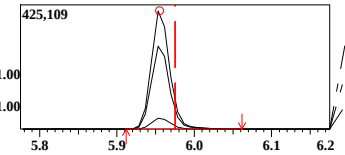
ID#:51 **Name:Chlorobenzene-d5 (IS)**
Mass:117.00 **Type:ISTD**
R.T:7.216 **Area:527874** **Conc:50.00000ppb**



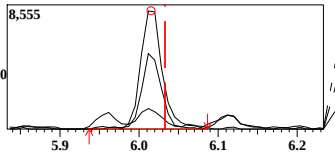
ID#:52 **Name:1,4 Dioxane**
Mass:58.00 **Type:Target**
R.T:5.194 **Area:4081** **Conc:37.07317ppb**



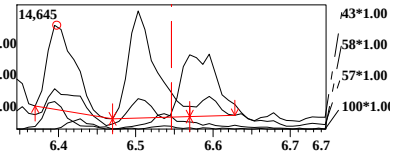
ID#:53 **Name:Toluene-d8**
Mass:98.00 **Type:Surrogate/SMC**
R.T:5.955 **Area:677854** **Conc:51.01347ppb**



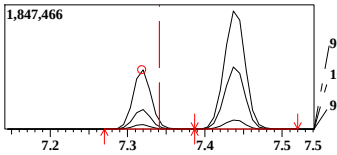
ID#:54 **Name:Toluene**
Mass:91.00 **Type:Target**
R.T:6.016 **Area:16094** **Conc:0.54572ppb**



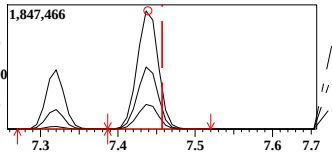
ID#:58 **Name:2-Hexanone(MBK)**
Mass:43.00 **Type:Target**
R.T:6.398 **Area:24375** **Conc:5.37982ppb**



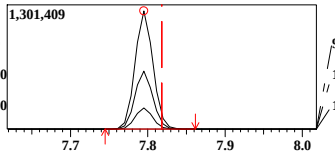
ID#:63 **Name:Ethylbenzene**
Mass:91.00 **Type:Target**
R.T:7.318 **Area:1456445** **Conc:46.53250ppb**



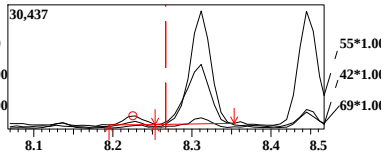
ID#:64 **Name:Xylene-mp**
Mass:91.00 **Type:Target**
R.T:7.439 **Area:3336644** **Conc:134.94111ppb**



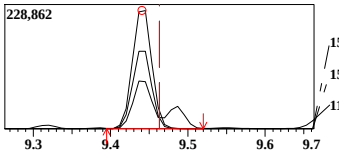
ID#:65 **Name:Xylene-o**
Mass:91.00 **Type:Target**
R.T:7.795 **Area:2012799** **Conc:83.25801ppb**



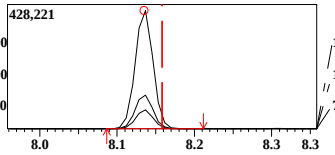
ID#:68 **Name:Cyclohexanone**
Mass:55.00 **Type:Target**
R.T:8.226 **Area:3685** **Conc:13.47216ppb**



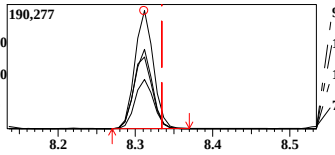
ID#:71 **Name:1,4-Dichlorobenzene-d4 (IS)**
Mass:150.00 **Type:ISTD**
R.T:9.441 **Area:389747** **Conc:50.00000ppb**



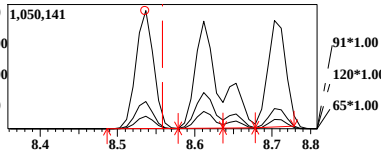
ID#:72 **Name:Isopropylbenzene**
Mass:105.00 **Type:Target**
R.T:8.135 **Area:666556** **Conc:23.98174ppb**



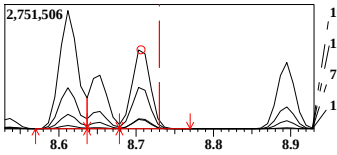
ID#:74 **Name:Bromofluorobenzene**
Mass:95.00 **Type:Surrogate/SMC**
R.T:8.311 **Area:299214** **Conc:53.34201ppb**



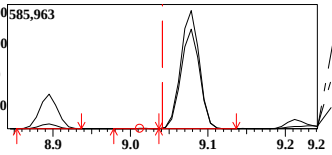
ID#:76 **Name:n-Propylbenzene**
Mass:91.00 **Type:Target**
R.T:8.535 **Area:1600121** **Conc:47.66078ppb**



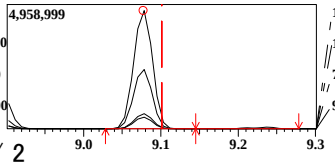
ID#:78 **Name:1,3,5-Trimethylbenzene**
Mass:105.00 **Type:Target**
R.T:8.707 **Area:2936820** **Conc:133.29614ppb**



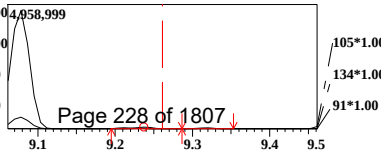
ID#:80 **Name:tert-Butylbenzene**
Mass:119.00 **Type:Target**
R.T:9.012 **Area:3350** **Conc:0.18779ppb**



ID#:81 **Name:1,2,4-Trimethylbenzene**
Mass:105.00 **Type:Target**
R.T:9.077 **Area:8100539** **Conc:390.11672ppb**

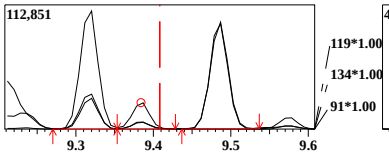


ID#:82 **Name:sec-Butylbenzene**
Mass:105.00 **Type:Target**
R.T:9.237 **Area:109048** **Conc:4.01778ppb**



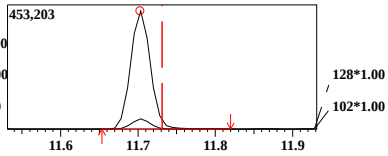
ID#:84 Name:p-iso-Propyltoluene
Mass:119.00 Type:Target

R.T:9.384 Area:37752 Conc:1.81063ppb



ID#:91 Name:Naphthalene
Mass:128.00 Type:Target

R.T:11.703 Area:766179 Conc:133.53072ppb



Advanced Environmental Laboratories, Inc.

Volatile Analysis Results

FORM 1

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357003**		**Client ID:**	**143-RSPZ5-GW-AEB3057-REG**
			File ID:	**230130N017.qgd**
Date Collected:	**1/24/2023**	**13:30**		
Date Analyzed:	**1/30/2023**	**13:02**	**Matrix:**	**WATER**
Date Prepared:	**1/30/2023**	**07:00**	**Instrument ID:**	**J1N**
Dilution:	**1**		**Analytical Run ID:**	**230130N-8260-DOD-1**
Sample Wt/Vol:	**5.00**	**mL**	**% Moisture:**	**100**
Final Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5852**
Prep Method:	**SW-846 5030B**		**Lims Analytical Batch:**	**5853**

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1,2-Dichloroethane	107-06-2	**0.50**	U	0.25	0.50	1.0	ug/L
Benzene	71-43-2	**11**		0.25	0.50	1.0	ug/L
Ethylbenzene	100-41-4	**0.50**	U	0.25	0.50	1.0	ug/L
Methyl tert-butyl Ether (MTBE)	1634-04-4	**0.50**	U	0.25	0.50	1.0	ug/L
Methylene Chloride	75-09-2	**2.5**	U	1.2	2.5	5.0	ug/L
Trichloroethene	79-01-6	**0.50**	U	0.25	0.50	1.0	ug/L

** This analyte is reported as not certified. The LOQ listed on the report is the low point of the calibration curve. The MDL and LOD values are set to the LOQ at this time.

Analyst: ABO Instrument: J1N Trace Number:
Method: 8260C Batch:5853
Sample ID: J2301357003 Data File: C:\GCMSsolution\Data\230130N017.qgd
Date: 1/30/2023 Method File: C:\GCMSsolution\Data\8260-W-221122N.qgm
Time: 13:02:02 Sample Name: J2301357003
Dilution: 1

Internal Standard

ID#	Name	Mass	Time	Area	Conc.
1	1,4-Difluorobenzene (IS)	114.00	4.81	550391	50.00
51	Chlorobenzene-d5 (IS)	117.00	7.22	537319	50.00
71	1,4-Dichlorobenzene-d4 (IS)	150.00	9.44	385936	50.00

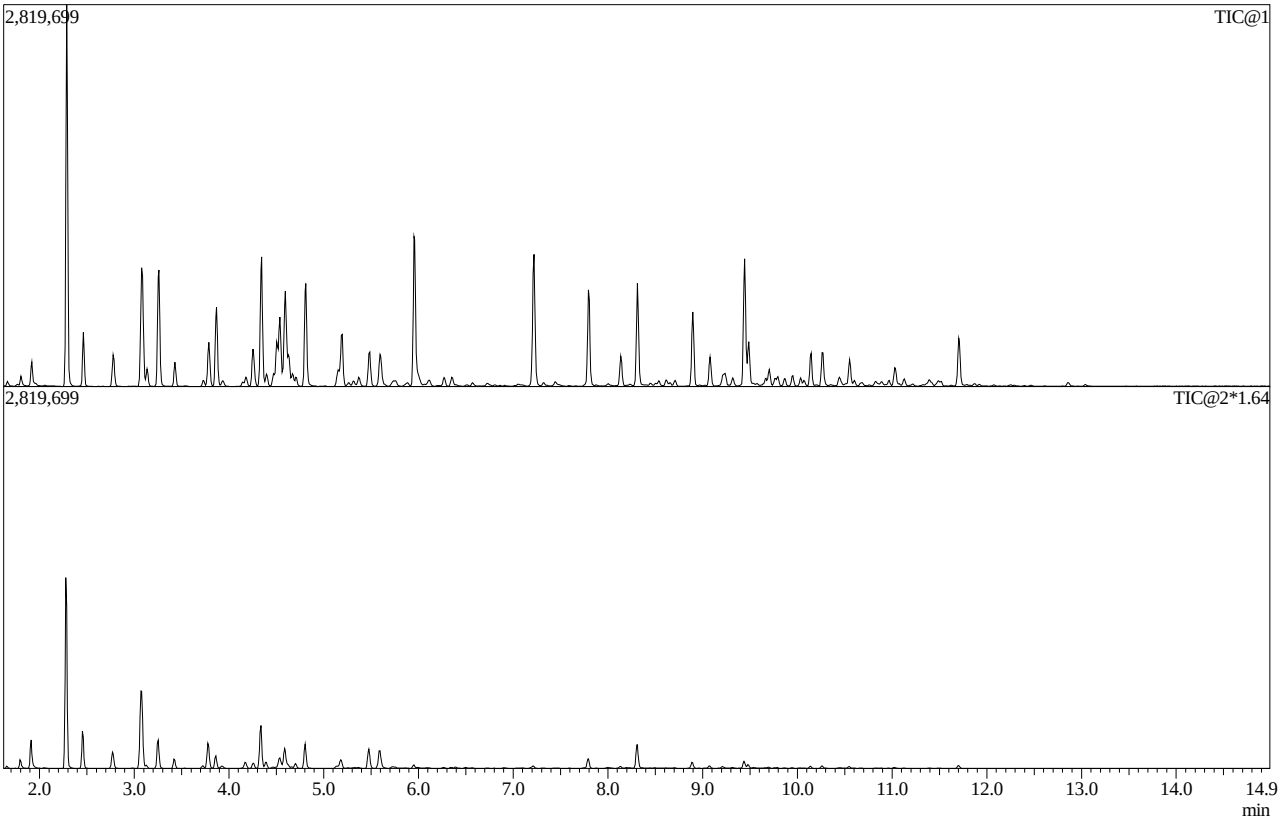
Surrogate

ID#	Name	Mass	Time	Area	Conc.
37	1,2-Dichloroethane-d4	65.00	4.51	170066	50.52
53	Toluene-d8	98.00	5.96	692522	51.20
74	Bromofluorobenzene	95.00	8.31	296077	53.30

Target

ID#	Name	Mass	Time	Area	Conc.
2	Dichlorodifluoromethane	85.00	-	---	N.D.(Peak)
3	Chloromethane	50.00	-	---	N.D.(Peak)
4	Vinyl Chloride	62.00	-	---	N.D.(Peak)
5	Bromomethane	94.00	-	---	N.D.(Peak)
6	Chloroethane	64.00	-	---	N.D.(Peak)
7	Trichlorofluoromethane	101.00	-	---	N.D.(Peak)
8	Diethyl Ether	59.00	-	---	N.D.(Peak)
9	Acrolein	56.00	-	---	N.D.
10	1,1,2-Trichlorotrifluoroethane	101.00	-	---	N.D.(Peak)
11	1,1-Dichloroethene	61.00	-	---	N.D.(Peak)
12	Acetone	43.00	2.78	96438	35.68
13	Iodomethane (Methyl Iodide)	142.00	-	---	N.D.(Peak)
14	Carbon Disulfide	76.00	-	---	N.D.(Peak)
15	Acetonitrile	41.00	-	---	N.D.
16	Methyl Acetate	43.00	2.99	2927	0.50
17	Allyl Chloride(3-Chloroprene)	41.00	-	---	N.D.
18	Methylene Chloride	49.00	-	---	N.D.(Ref)
19	Acrylonitrile	53.00	3.26	10212	3.26
20	MTBE	73.00	-	---	N.D.(Ref)
21	trans-1,2-Dichloroethene	61.00	-	---	N.D.(Peak)
22	Vinyl Acetate	43.00	-	---	N.D.(Ref)
23	1,1-Dichloroethane	63.00	-	---	N.D.(Peak)
24	2-Butanone(MEK)	43.00	-	---	N.D.(Ref)
25	Ethyl Acetate	45.00	-	---	N.D.(Peak)
26	cis-1,2-Dichloroethene	61.00	-	---	N.D.(Peak)
27	Propionitrile(Ethyl cyanide)	54.00	-	---	N.D.(Ref)
28	2,2-Dichloropropane	41.00	-	---	N.D.(Ref)
29	Methacrylonitrile	41.00	-	---	N.D.
30	Bromochloromethane	49.00	-	---	N.D.(Peak)
31	Tetrahydrofuran	42.00	-	---	N.D.(Ref)
32	Chloroform	83.00	4.14	20119	1.92
33	1,1,1-Trichloroethane	97.00	-	---	N.D.(Peak)
34	Cyclohexane	56.00	4.34	373806	23.34
35	1,1-Dichloropropene	75.00	-	---	N.D.(Ref)
36	Carbon tetrachloride	117.00	-	---	N.D.(Peak)
38	Benzene	78.00	4.54	347561	11.17
39	1,2-Dichloroethane	62.00	-	---	N.D.(Ref)
40	Trichloroethene	95.00	-	---	N.D.(Peak)
41	1,2-Dichloropropane	63.00	-	---	N.D.(Peak)
42	Methyl Cyclohexane	83.00	5.19	132372	9.91
43	Dibromomethane	93.00	-	---	N.D.(Peak)
44	Bromodichloromethane	83.00	-	---	N.D.(Ref)
45	2-Nitropropane	43.00	-	---	N.D.(Ref)
46	2-Chloroetheylvinyl ether	63.00	-	---	N.D.(Peak)
47	cis-1,3-Dichloropropene	75.00	-	---	N.D.(Peak)
48	4-Methyl-2-Pentanone(MIBK)	43.00	-	---	N.D.(Ref)
49	trans-1,3-Dichloropropene	75.00	-	---	N.D.(Peak)
50	1,1,2-Trichloroethane	97.00	-	---	N.D.(Ref)
52	1,4 Dioxane	58.00	-	---	N.D.(Peak)
54	Toluene	91.00	6.01	9015	0.30
55	Ethyl Methacrylate	69.00	-	---	N.D.(Ref)

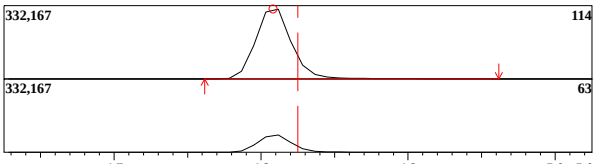
ID#	Name	Mass	Time	Area	Conc.
56	Tetrachloroethene	166.00	-	---	N.D.(Peak)
57	1,3-Dichloropropane	76.00	-	---	N.D.(Peak)
58	2-Hexanone(MBK)	43.00	-	---	N.D.
59	Dibromochloromethane	127.00	-	---	N.D.(Peak)
60	1,2-Dibromoethane	107.00	-	---	N.D.(Peak)
61	Chlorobenzene	112.00	-	---	N.D.(Peak)
62	1,1,1,2-Tetrachloroethane	131.00	-	---	N.D.(Peak)
63	Ethylbenzene	91.00	7.32	5189	0.16
64	Xylene-mp	91.00	7.44	18859	0.75
65	Xylene-o	91.00	7.80	427358	17.37
66	Styrene	104.00	-	---	N.D.(Ref)
67	Bromoform	173.00	-	---	N.D.(Peak)
68	Cyclohexanone	55.00	-	---	N.D.(Ref)
69	1,1,2,2-Tetrachloroethane	83.00	-	---	N.D.(Ref)
70	1,2,3-Trichloropropane	75.00	-	---	N.D.(Peak)
72	Isopropylbenzene	105.00	8.14	147365	5.35
73	Trans-1,4-Dichloro-2-butene	53.00	-	---	N.D.(Peak)
75	Bromobenzene	77.00	-	---	N.D.(Ref)
76	n-Propylbenzene	91.00	8.54	30471	0.92
77	2-Chlorotoluene	91.00	-	---	N.D.(Ref)
78	1,3,5-Trimethylbenzene	105.00	8.71	20432	0.94
79	4-Chlorotoluene	91.00	-	---	N.D.(Ref)
80	tert-Butylbenzene	119.00	-	---	N.D.(Ref)
81	1,2,4-Trimethylbenzene	105.00	9.08	117771	5.73
82	sec-Butylbenzene	105.00	9.24	58544	2.18
83	1,3-Dichlorobenzene	146.00	-	---	N.D.(Peak)
84	p-iso-Propyltoluene	119.00	-	---	N.D.
85	1,4-Dichlorobenzene	146.00	-	---	N.D.(Peak)
86	n-Butylbenzene	91.00	9.79	45167	2.43
87	1,2-Dichlorobenzene	146.00	-	---	N.D.(Peak)
88	1,2-Dibromo-3-chloropropane	75.00	-	---	N.D.(Peak)
89	1,2,4-Trichlorobenzene	180.00	-	---	N.D.(Peak)
90	Hexachlorobutadiene	225.00	-	---	N.D.(Peak)
91	Naphthalene	128.00	11.71	300214	52.84
92	1,2,3-Trichlorobenzene	180.00	-	---	N.D.(Peak)



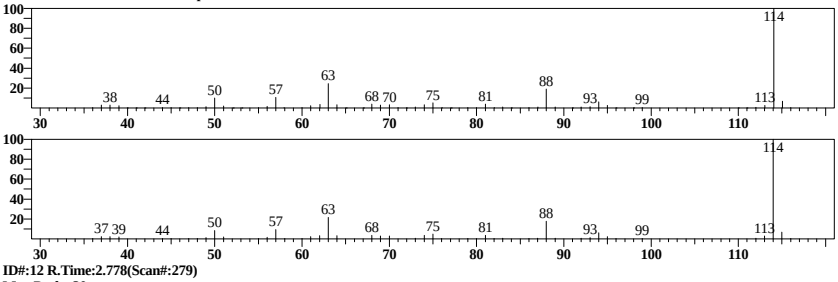
ID#:1 Name:1,4-Difluorobenzene (IS) Type:ISTD No Manual Integration

Mass:114.00 R.T:4.808 Area:550391 Conc:50.00000ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	63.00	64588	24.41	23.00



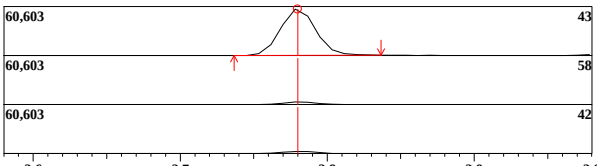
ID#:1 R.Time:4.812(Scan#:767)
MassPeaks:63
RawMode:Averaged 4.803-4.820(765-769)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



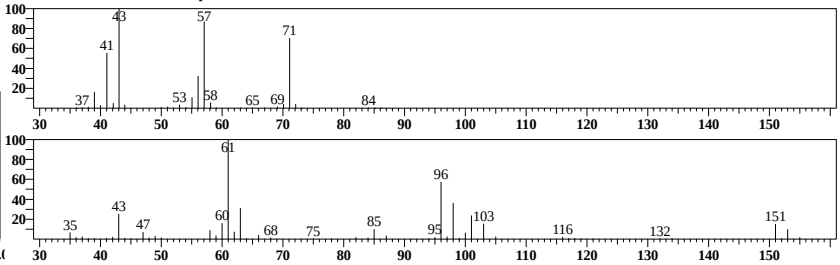
ID#:12 Name:Acetone Type:Target No Manual Integration

Mass:43.00 R.T:2.780 Area:96438 Conc:35.67749ppm
Event:1:Scan SI:21

#	m/z	Area	Ratio	Reference
1	58.00	2579	5.37	30.00
2	42.00	2372	4.93	10.00



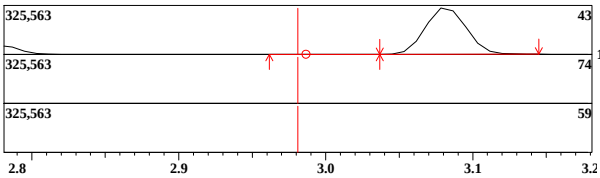
ID#:12 R.Time:2.778(Scan#:279)
MassPeaks:30
RawMode:Averaged 2.770-2.787(277-281)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



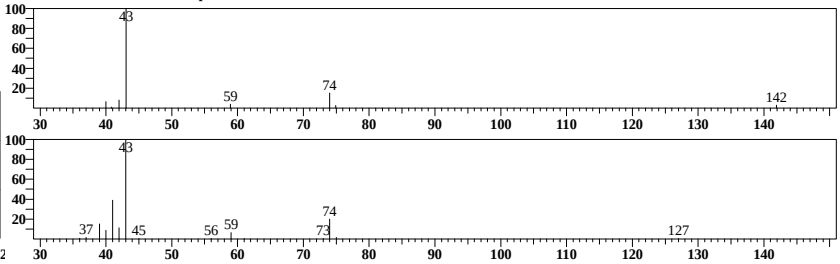
ID#:16 Name:Methyl Acetate Type:Target No Manual Integration

Mass:43.00 R.T:2.987 Area:2927 Conc:0.49660ppm
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	74.00	197	15.02	40.00
2	59.00	51	3.89	20.00



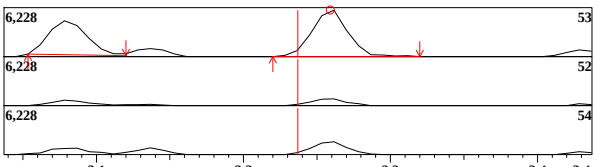
ID#:16 R.Time:2.987(Scan#:329)
MassPeaks:8
RawMode:Averaged 2.978-2.995(327-331)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



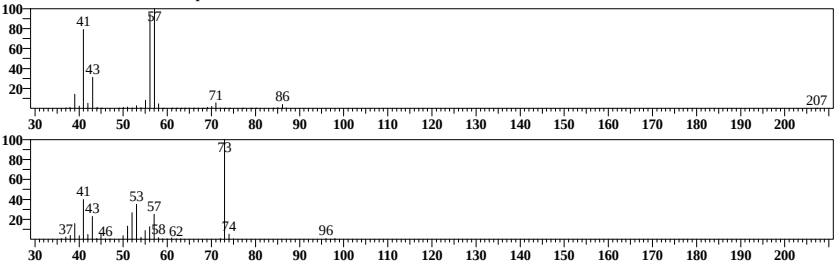
ID#:19 Name:Acrylonitrile Type:Target No Manual Integration

Mass:53.00 R.T:3.259 Area:10212 Conc:3.25697ppm
Event:1:Scan SI:68

#	m/z	Area	Ratio	Reference
1	52.00	712	14.72	40.00
2	54.00	1348	27.87	10.00



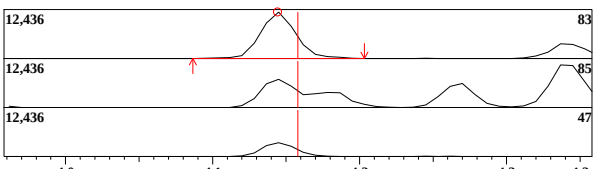
ID#:19 R.Time:3.262(Scan#:395)
MassPeaks:42
RawMode:Averaged 3.253-3.270(393-397)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



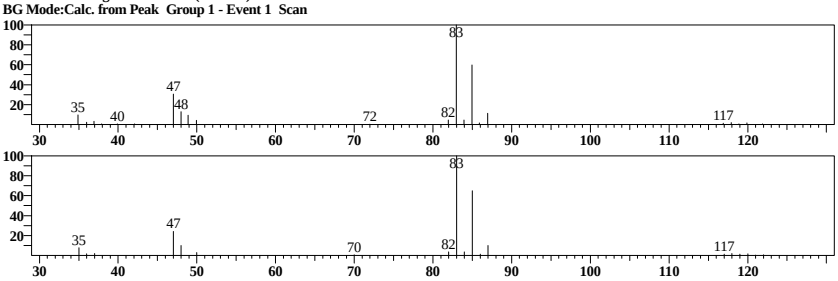
ID#:32 Name:Chloroform Type:Target No Manual Integration

Mass:83.00 R.T:4.144 Area:20119 Conc:1.91630ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	85.00	5840	59.97	64.00
2	47.00	2985	30.65	25.00



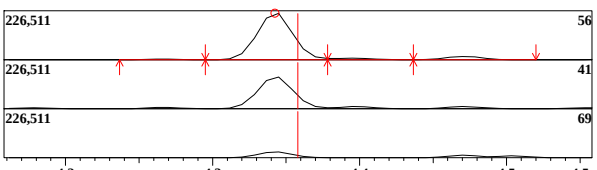
ID#:32 R.Time:4.145(Scan#:607)
MassPeaks:22
RawMode:Averaged 4.137-4.153(605-609)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



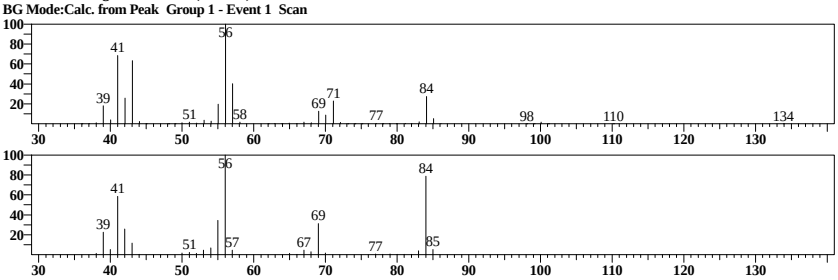
ID#:34 Name:Cyclohexane Type:Target No Manual Integration

Mass:56.00 R.T:4.343 Area:373806 Conc:23.34257ppm
Event:1:Scan SI:84

#	m/z	Area	Ratio	Reference
1	41.00	121071	68.46	60.00
2	69.00	22307	12.61	25.00



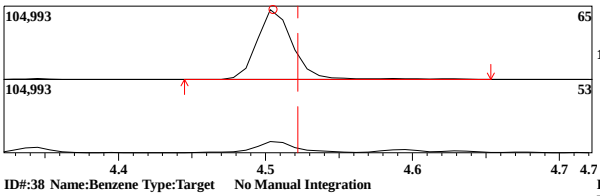
ID#:34 R.Time:4.345(Scan#:655)
MassPeaks:51
RawMode:Averaged 4.337-4.353(653-657)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



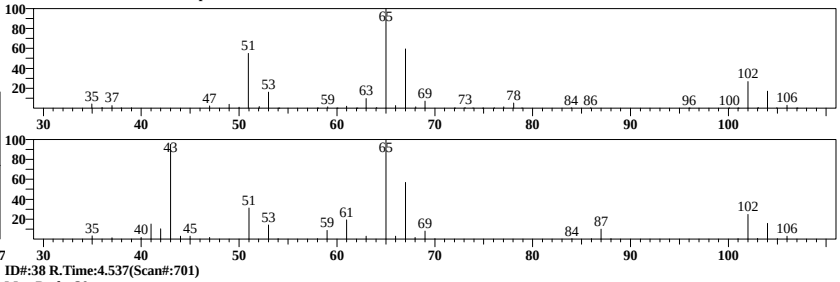
ID#:37 Name:1,2-Dichloroethane-d4 Type:Surrogate/SMC No Manual Integration

Mass:65.00 R.T:4.505 Area:170066 Conc:50.51648ppb
Event:1:Scan SI:75

#	m/z	Area	Ratio	Reference
1	53.00	13155	16.11	15.00



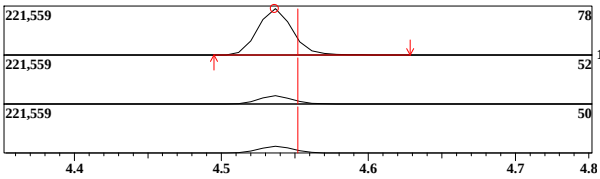
ID#:37 R.Time:4.503(Scan#:693)
MassPeaks:43
RawMode:Averaged 4.495-4.512(691-695)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



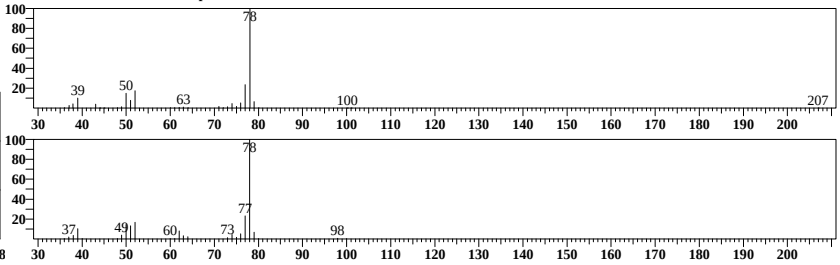
ID#:38 Name:Benzene Type:Target No Manual Integration

Mass:78.00 R.T:4.536 Area:347561 Conc:11.16998ppb
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	52.00	30497	17.49	16.00
2	50.00	25614	14.69	0.00



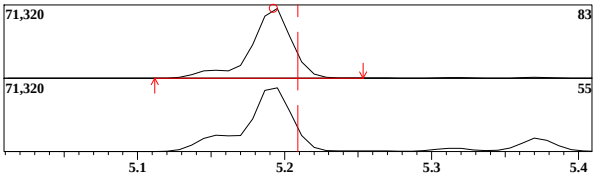
ID#:38 R.Time:4.537(Scan#:701)
MassPeaks:30
RawMode:Averaged 4.528-4.545(699-703)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



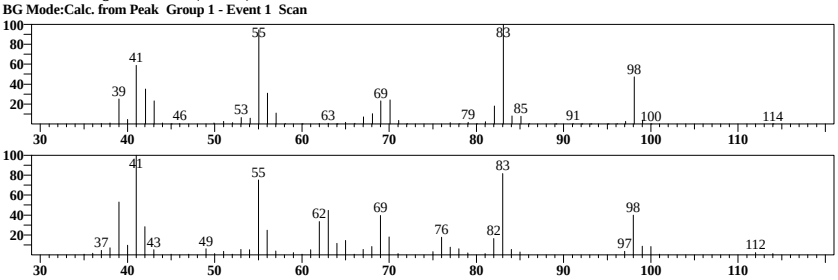
ID#:42 Name:Methyl Cyclohexane Type:Target No Manual Integration

Mass:83.00 R.T:5.192 Area:132372 Conc:9.90984ppb
Event:1:Scan SI:83

#	m/z	Area	Ratio	Reference
1	55.00	53292	94.46	80.00



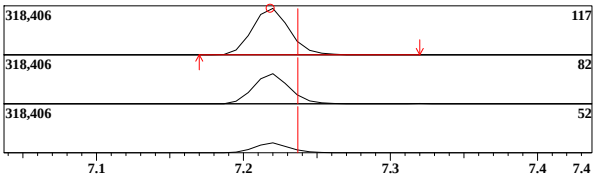
ID#:42 R.Time:5.195(Scan#:859)
MassPeaks:52
RawMode:Averaged 5.187-5.203(857-861)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



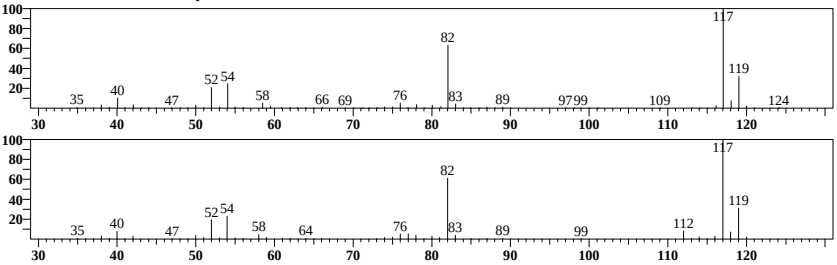
ID#:51 Name:Chlorobenzene-d5 (IS) Type:ISTD No Manual Integration

Mass:117.00 R.T:7.218 Area:537319 Conc:50.00000ppb
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	82.00	164033	63.47	60.00
2	52.00	52796	20.43	30.00



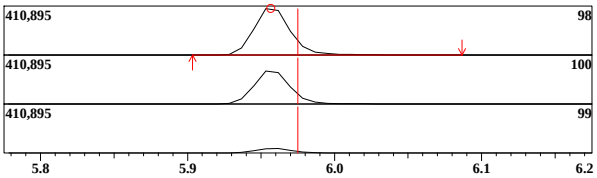
ID#:51 R.Time:7.220(Scan#:1345)
MassPeaks:67
RawMode:Averaged 7.212-7.228(1343-1347)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



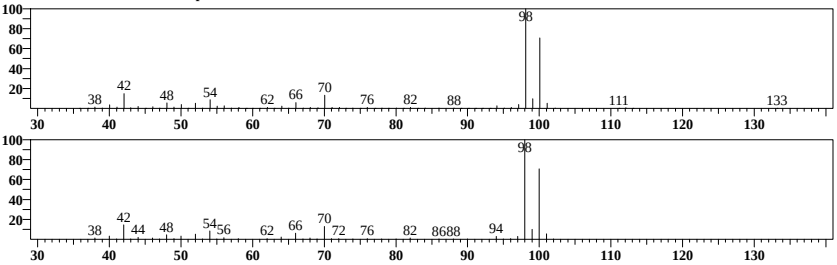
ID#:53 Name:Toluene-d8 Type:Surrogate/SMC No Manual Integration

Mass:98.00 R.T:5.957 Area:692522 Conc:51.20122ppb
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	100.00	231617	70.87	70.00
2	99.00	31320	9.58	10.00



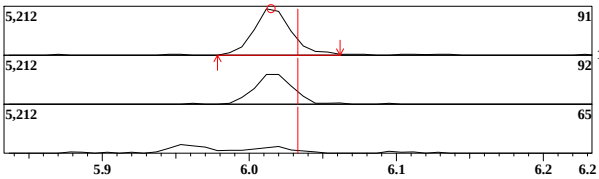
ID#:53 R.Time:5.953(Scan#:1041)
MassPeaks:69
RawMode:Averaged 5.945-5.962(1039-1043)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



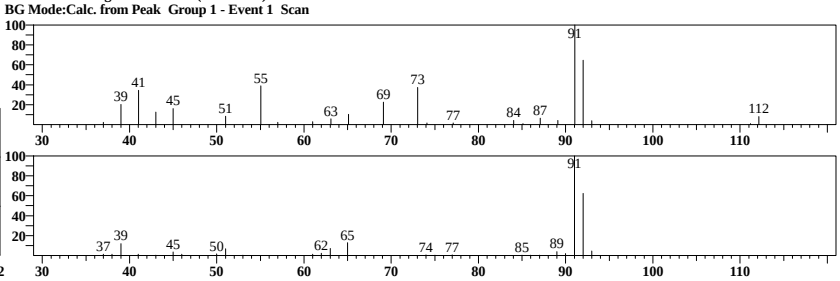
ID#:54 Name:Toluene Type:Target No Manual Integration

Mass:91.00 R.T:6.015 Area:9015 Conc:0.30031ppb
Event:1:Scan SI:74

#	m/z	Area	Ratio	Reference
1	92.00	2635	64.60	60.00
2	65.00	426	10.44	0.00



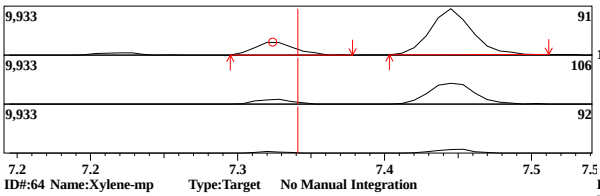
ID#:54 R.Time:6.012(Scan#:1055)
MassPeaks:24
RawMode:Averaged 6.003-6.020(1053-1057)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



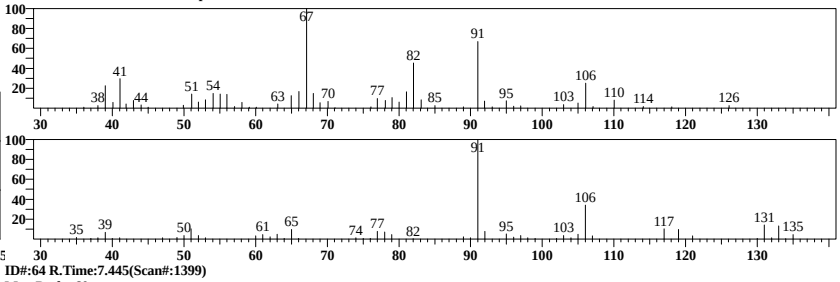
ID#:63 Name:Ethylbenzene Type:Target No Manual Integration

Mass:91.00 R.T:7.324 Area:5189 Conc:0.16287ppb
Event:1:Scan SI:52

#	m/z	Area	Ratio	Reference
1	106.00	845	37.64	33.00
2	92.00	242	10.78	10.00



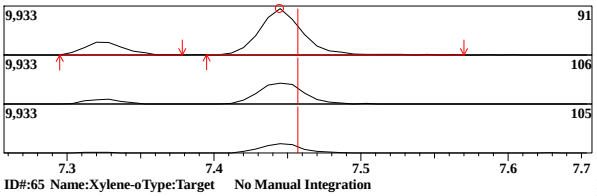
ID#:63 R.Time:7.320(Scan#:1369)
MassPeaks:52
RawMode:Averaged 7.312-7.328(1367-1371)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



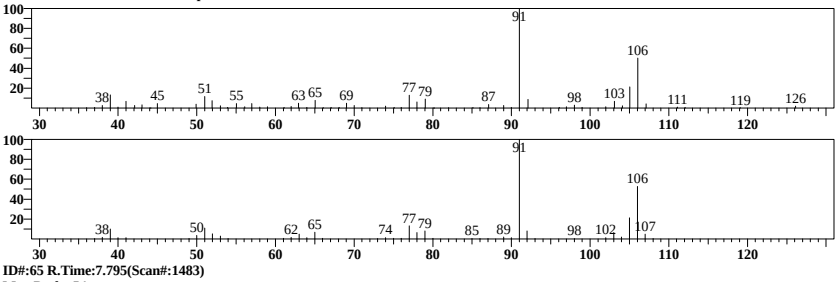
ID#:64 Name:Xylene-mp Type:Target No Manual Integration

Mass:91.00 R.T:7.445 Area:18859 Conc:0.74929ppb
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	106.00	4030	50.16	30.00
2	105.00	1715	21.35	0.00



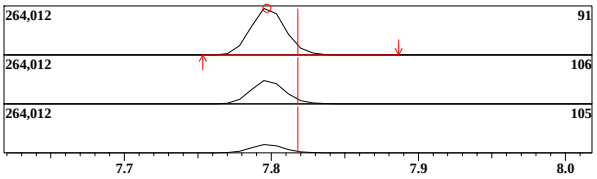
ID#:64 R.Time:7.445(Scan#:1399)
MassPeaks:60
RawMode:Averaged 7.437-7.453(1397-1401)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



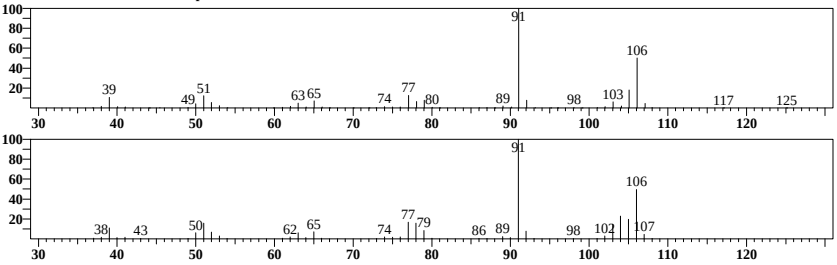
ID#:65 Name:Xylene-oType:Target No Manual Integration

Mass:91.00 R.T:7.797 Area:427358 Conc:17.36663ppb
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	106.00	105360	50.21	50.00
2	105.00	38090	18.15	0.00



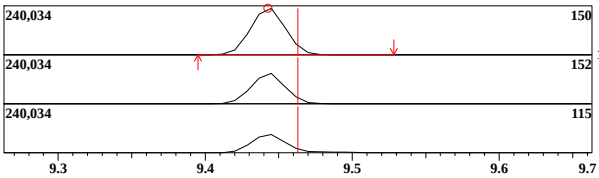
ID#:65 R.Time:7.795(Scan#:1483)
MassPeaks:54
RawMode:Averaged 7.787-7.803(1481-1485)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



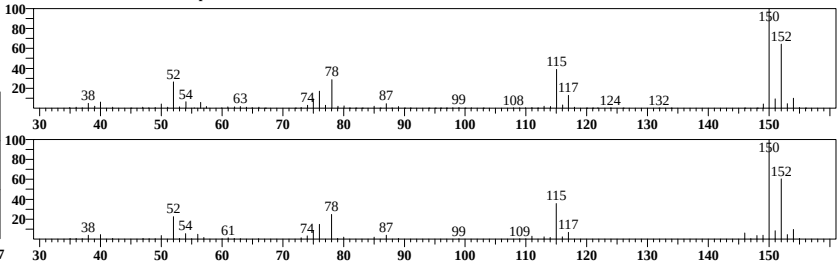
ID#:71 Name:1,4-Dichlorobenzene-d4 (IS) Type:ISTD No Manual Integration

Mass:150.00 R.T:9.443 Area:385936 Conc:50.00000ppb
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	152.00	122422	64.17	40.00
2	115.00	74096	38.84	25.00



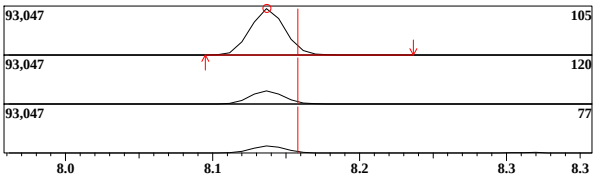
ID#:71 R.Time:9.445(Scan#:1879)
MassPeaks:83
RawMode:Averaged 9.437-9.453(1877-1881)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



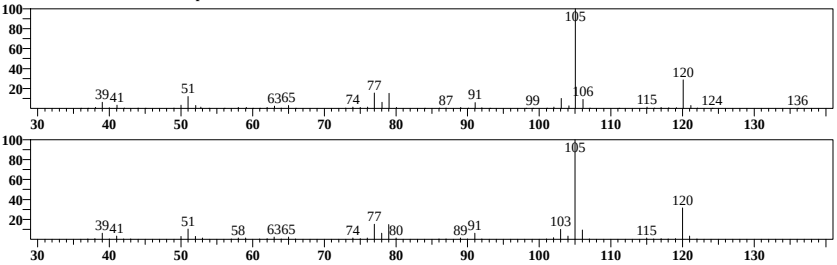
ID#:72 Name:Isopropylbenzene Type:Target No Manual Integration

Mass:105.00 R.T:8.137 Area:147365 Conc:5.35434ppb
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	120.00	21210	28.75	30.00
2	77.00	11419	15.48	0.00



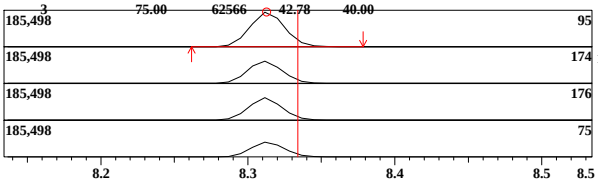
ID#:72 R.Time:8.137(Scan#:1565)
MassPeaks:61
RawMode:Averaged 8.128-8.145(1563-1567)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



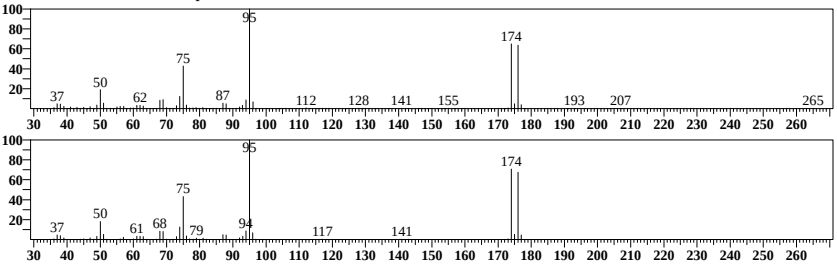
ID#:74 Name:Bromofluorobenzene Type:Surrogate/SMC No Manual Integration

Mass:95.00 R.T:8.313 Area:296077 Conc:53.30398ppb
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	174.00	94895	64.88	50.00
2	176.00	93148	63.68	50.00
3	75.00	62566	42.78	40.00



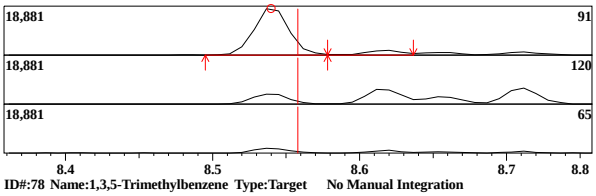
ID#:74 R.Time:8.312(Scan#:1607)
MassPeaks:110
RawMode:Averaged 8.303-8.320(1605-1609)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:76 Name:n-PropylbenzeneType:Target No Manual Integration

Mass:91.00 R.T:8.540 Area:30471 Conc:0.91656ppb
Event:1:Scan SI:96

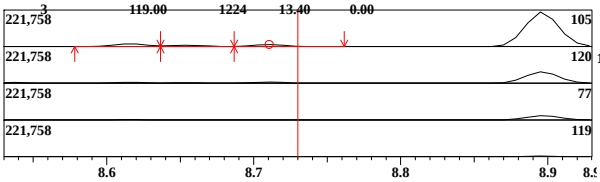
#	m/z	Area	Ratio	Reference
1	120.00	3381	22.75	20.00
2	65.00	1552	10.44	0.00



ID#:78 Name:1,3,5-Trimethylbenzene Type:Target No Manual Integration

Mass:105.00 R.T:8.711 Area:20432 Conc:0.93652ppb
Event:1:Scan SI:93

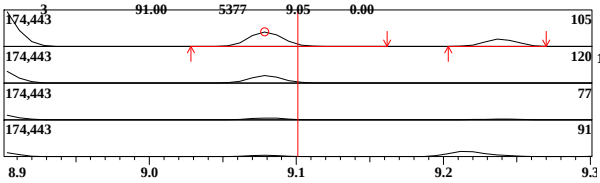
#	m/z	Area	Ratio	Reference
1	120.00	4769	52.22	50.00
2	77.00	1297	14.20	0.00
3	119.00	1224	13.40	0.00



ID#:81 Name:1,2,4-Trimethylbenzene Type:Target No Manual Integration

Mass:105.00 R.T:9.079 Area:117771 Conc:5.72778ppb
Event:1:Scan SI:95

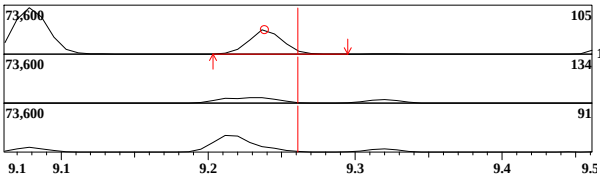
#	m/z	Area	Ratio	Reference
1	120.00	29255	49.24	45.00
2	77.00	7583	12.76	0.00
3	91.00	5377	9.05	0.00



ID#:82 Name:sec-Butylbenzene Type:Target No Manual Integration

Mass:105.00 R.T:9.238 Area:58544 Conc:2.17831ppb
Event:1:Scan SI:93

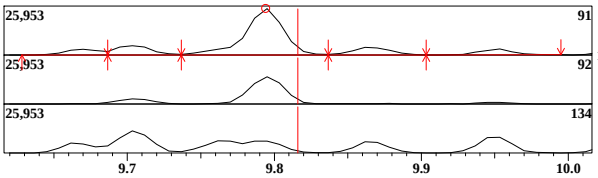
#	m/z	Area	Ratio	Reference
1	134.00	4669	15.95	20.00
2	91.00	184	0.63	0.00



ID#:86 Name:n-Butylbenzene Type:Target No Manual Integration

Mass:91.00 R.T:9.794 Area:45167 Conc:2.42745ppb
Event:1:Scan SI:95

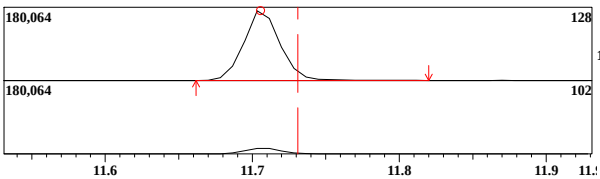
#	m/z	Area	Ratio	Reference
1	92.00	12005	59.71	60.00
2	134.00	5319	26.45	25.00



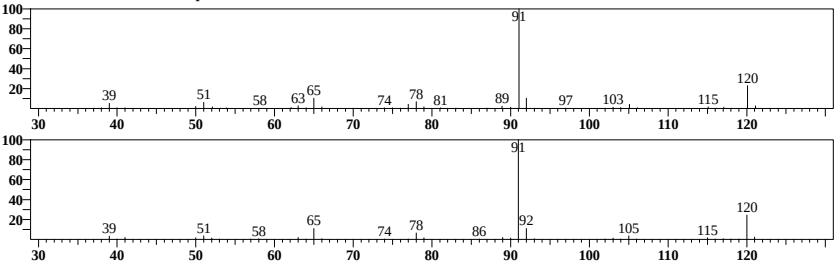
ID#:91 Name:Naphthalene Type:Target No Manual Integration

Mass:128.00 R.T:11.706 Area:300214 Conc:52.83837ppb
Event:1:Scan SI:97

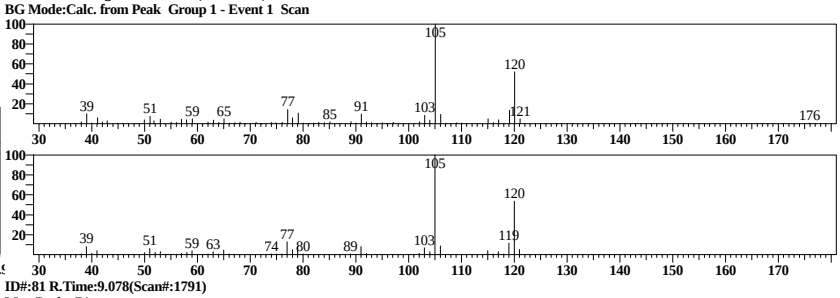
#	m/z	Area	Ratio	Reference
1	102.00	11930	8.47	2.00



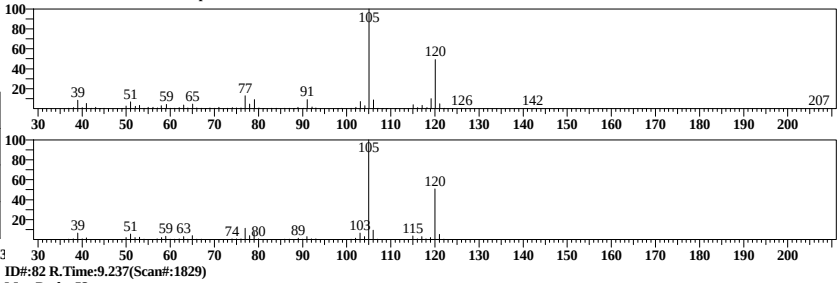
ID#:76 R.Time:8.537(Scan#:1661)
MassPeaks:43
RawMode:Averaged 8.528-8.545(1659-1663)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



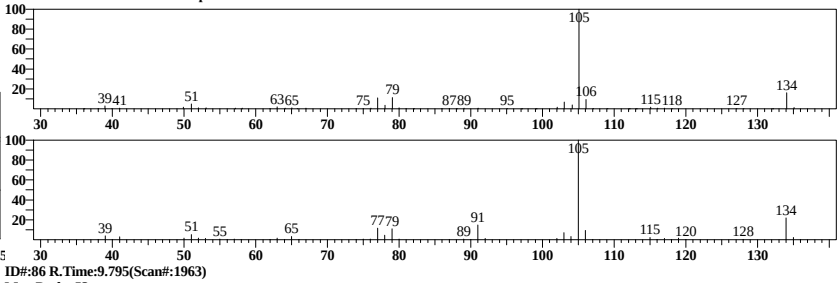
ID#:78 R.Time:8.712(Scan#:1703)
MassPeaks:67
RawMode:Averaged 8.703-8.720(1701-1705)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



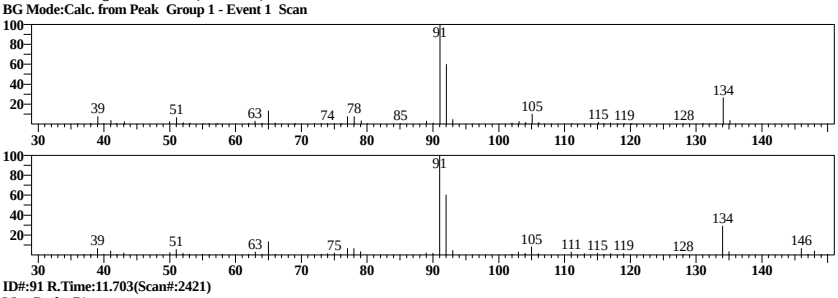
ID#:81 R.Time:9.078(Scan#:1791)
MassPeaks:74
RawMode:Averaged 9.070-9.087(1789-1793)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



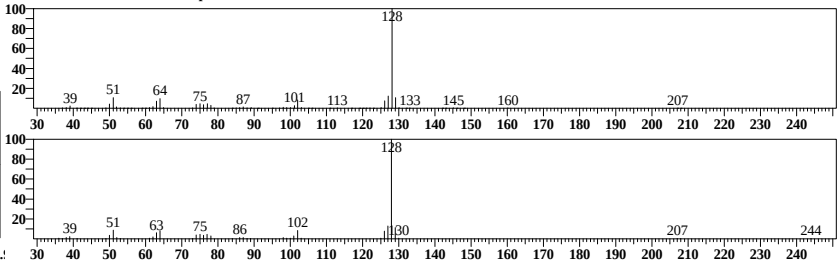
ID#:82 R.Time:9.237(Scan#:1829)
MassPeaks:52
RawMode:Averaged 9.228-9.245(1827-1831)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:86 R.Time:9.795(Scan#:1963)
MassPeaks:53
RawMode:Averaged 9.787-9.803(1961-1965)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



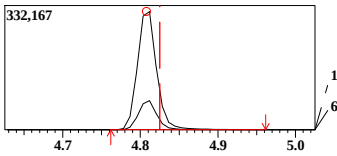
ID#:91 R.Time:11.703(Scan#:2421)
MassPeaks:71
RawMode:Averaged 11.695-11.712(2419-2423)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



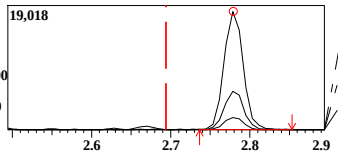
Before Manual Integrations

Analyst: ABO **Instr: J1N** **Trace Number:**
Method: 8260C **Batch:**
Sample ID: J2301357003 **Data File: C:\GCMSsolution\Data\230130N017.qgd**
Date: 1/30/2023 **Method File: C:\GCMSsolution\Data\8260-W-221122N.qgm**
Time: 13:02:02 **Sample Name: J2301357003**
Dilution: 1

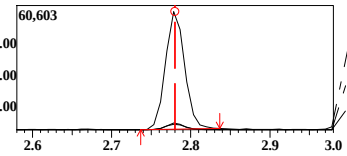
ID#:1 **Name:1,4-Difluorobenzene (IS)**
Mass:114.00 **Type:ISTD**
R.T:4.808 **Area:550391** **Conc:50.00000ppm**



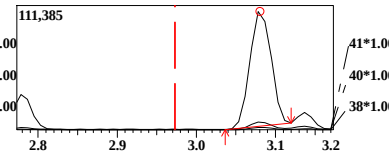
ID#:9 **Name:Acrolein**
Mass:56.00 **Type:Target**
R.T:2.779 **Area:30851** **Conc:74.17127ppm**



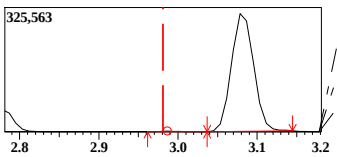
ID#:12 **Name:Acetone**
Mass:43.00 **Type:Target**
R.T:2.780 **Area:96438** **Conc:35.67749ppm**



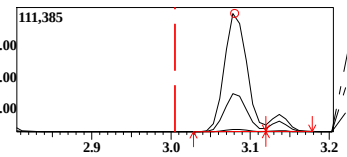
ID#:15 **Name:Acetonitrile**
Mass:41.00 **Type:Target**
R.T:3.081 **Area:193440** **Conc:159.84654ppm**



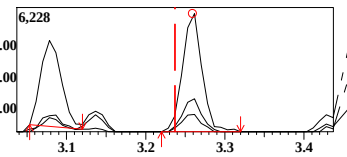
ID#:16 **Name:Methyl Acetate**
Mass:43.00 **Type:Target**
R.T:2.987 **Area:2927** **Conc:0.49660ppm**



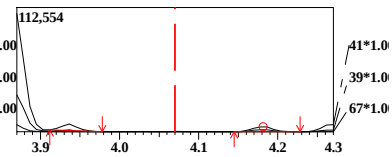
ID#:17 **Name:Allyl Chloride(3-Chloroprene)**
Mass:41.00 **Type:Target**
R.T:3.081 **Area:208279** **Conc:23.10943ppm**



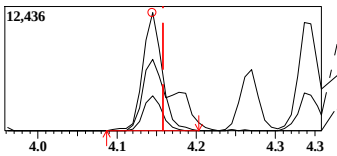
ID#:19 **Name:Acrylonitrile**
Mass:53.00 **Type:Target**
R.T:3.259 **Area:10212** **Conc:3.25697ppm**



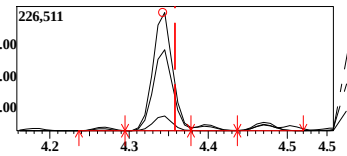
ID#:29 **Name:Methacrylonitrile**
Mass:41.00 **Type:Target**
R.T:4.181 **Area:8061** **Conc:1.59382ppm**



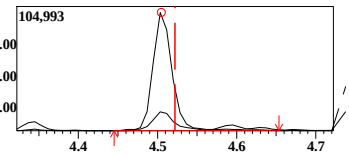
ID#:32 **Name:Chloroform**
Mass:83.00 **Type:Target**
R.T:4.144 **Area:20119** **Conc:1.91630ppm**



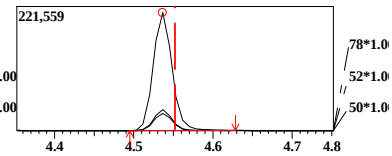
ID#:34 **Name:Cyclohexane**
Mass:56.00 **Type:Target**
R.T:4.343 **Area:373806** **Conc:23.34257ppm**



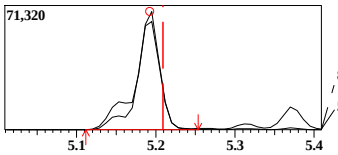
ID#:37 **Name:1,2-Dichloroethane-d4**
Mass:65.00 **Type:Surrogate/SMC**
R.T:4.505 **Area:170066** **Conc:50.51648ppb**



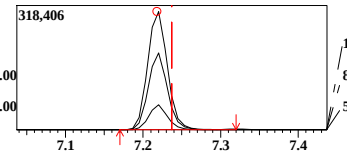
ID#:38 **Name:Benzene**
Mass:78.00 **Type:Target**
R.T:4.536 **Area:347561** **Conc:11.16998ppb**



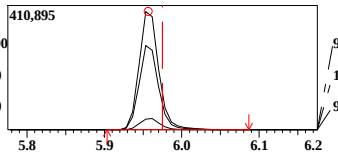
ID#:42 **Name:Methyl Cyclohexane**
Mass:83.00 **Type:Target**
R.T:5.192 **Area:132372** **Conc:9.90984ppb**



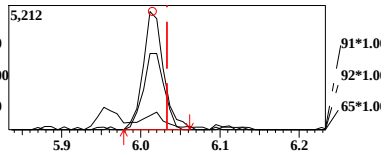
ID#:51 **Name:Chlorobenzene-d5 (IS)**
Mass:117.00 **Type:ISTD**
R.T:7.218 **Area:537319** **Conc:50.00000ppb**



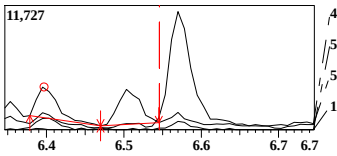
ID#:53 **Name:Toluene-d8**
Mass:98.00 **Type:Surrogate/SMC**
R.T:5.957 **Area:692522** **Conc:51.20122ppb**



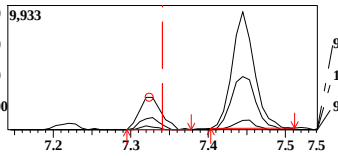
ID#:54 **Name:Toluene**
Mass:91.00 **Type:Target**
R.T:6.015 **Area:9015** **Conc:0.30031ppb**



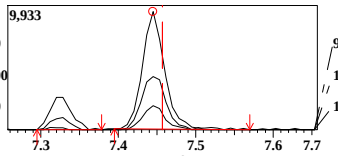
ID#:58 **Name:2-Hexanone(MBK)**
Mass:43.00 **Type:Target**
R.T:6.397 **Area:5015** **Conc:1.59831ppb**



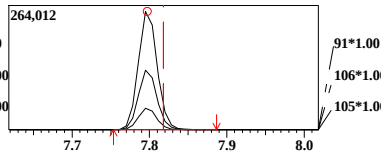
ID#:63 **Name:Ethylbenzene**
Mass:91.00 **Type:Target**
R.T:7.324 **Area:5189** **Conc:0.16287ppb**



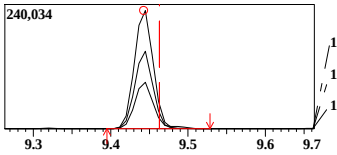
ID#:64 **Name:Xylene-mp**
Mass:91.00 **Type:Target**
R.T:7.445 **Area:18859** **Conc:0.74929ppb**



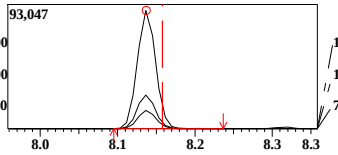
ID#:65 **Name:Xylene-o**
Mass:91.00 **Type:Target**
R.T:7.797 **Area:427358** **Conc:17.36663ppb**



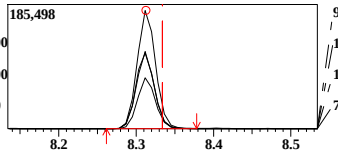
ID#:71 **Name:1,4-Dichlorobenzene-d4 (IS)**
Mass:150.00 **Type:ISTD**
R.T:9.443 **Area:385936** **Conc:50.00000ppb**



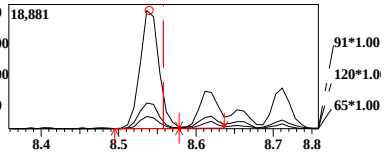
ID#:72 **Name:Isopropylbenzene**
Mass:105.00 **Type:Target**
R.T:8.137 **Area:147365** **Conc:5.35434ppb**



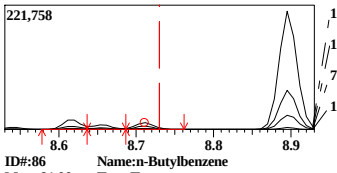
ID#:74 **Name:Bromofluorobenzene**
Mass:95.00 **Type:Surrogate/SMC**
R.T:8.313 **Area:296077** **Conc:53.30398ppb**



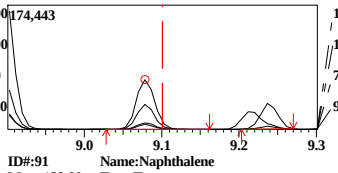
ID#:76 **Name:n-Propylbenzene**
Mass:91.00 **Type:Target**
R.T:8.540 **Area:30471** **Conc:0.91656ppb**



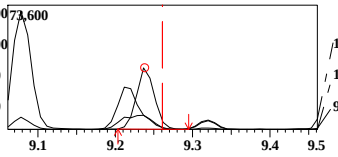
ID#:78 **Name:1,3,5-Trimethylbenzene**
Mass:105.00 **Type:Target**
R.T:8.711 **Area:20432** **Conc:0.93652ppb**



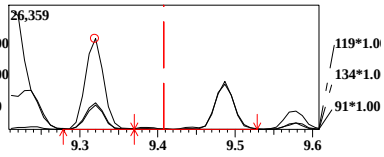
ID#:81 **Name:1,2,4-Trimethylbenzene**
Mass:105.00 **Type:Target**
R.T:9.079 **Area:117771** **Conc:5.72778ppb**



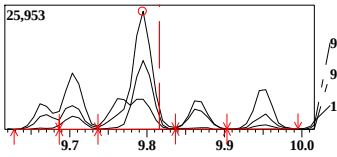
ID#:82 **Name:sec-Butylbenzene**
Mass:105.00 **Type:Target**
R.T:9.238 **Area:58544** **Conc:2.17831ppb**



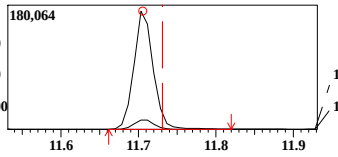
ID#:84 **Name:p-iso-Propyltoluene**
Mass:119.00 **Type:Target**
R.T:9.319 **Area:32049** **Conc:1.55229ppb**



ID#:86 **Name:n-Butylbenzene**
Mass:91.00 **Type:Target**
R.T:9.794 **Area:45167** **Conc:2.42745ppb**



ID#:91 **Name:Naphthalene**
Mass:128.00 **Type:Target**
R.T:11.706 **Area:300214** **Conc:52.83837ppb**



Advanced Environmental Laboratories, Inc.

Volatile Analysis Results

FORM 1

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357004**		**Client ID:**	**143-RSPZ2-GW-AEB3054-FD**
			File ID:	**230130N018.qgd**
Date Collected:	**1/24/2023**	**15:50**		
Date Analyzed:	**1/30/2023**	**13:26**	**Matrix:**	**WATER**
Date Prepared:	**1/30/2023**	**07:00**	**Instrument ID:**	**J1N**
Dilution:	**1**		**Analytical Run ID:**	**230130N-8260-DOD-1**
Sample Wt/Vol:	**5.00**	**mL**	**% Moisture:**	**100**
Final Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5852**
Prep Method:	**SW-846 5030B**		**Lims Analytical Batch:**	**5853**

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1,2-Dichloroethane	107-06-2	**0.50**	U	0.25	0.50	1.0	ug/L
Benzene	71-43-2	**0.50**	U	0.25	0.50	1.0	ug/L
Ethylbenzene	100-41-4	**0.50**	U	0.25	0.50	1.0	ug/L
Methyl tert-butyl Ether (MTBE)	1634-04-4	**0.50**	U	0.25	0.50	1.0	ug/L
Methylene Chloride	75-09-2	**2.5**	U	1.2	2.5	5.0	ug/L
Trichloroethene	79-01-6	**0.50**	U	0.25	0.50	1.0	ug/L

** This analyte is reported as not certified. The LOQ listed on the report is the low point of the calibration curve. The MDL and LOD values are set to the LOQ at this time.

Analyst: ABO Instrument: J1N Trace Number:
Method: 8260C Batch:5853
Sample ID: J2301357004 Data File: C:\GCMSsolution\Data\230130N018.qgd
Date: 1/30/2023 Method File: C:\GCMSsolution\Data\8260-W-221122N.qgm
Time: 13:26:13 Sample Name: J2301357004
Dilution: 1

Internal Standard

ID#	Name	Mass	Time	Area	Conc.
1	1,4-Difluorobenzene (IS)	114.00	4.81	532722	50.00
51	Chlorobenzene-d5 (IS)	117.00	7.22	522905	50.00
71	1,4-Dichlorobenzene-d4 (IS)	150.00	9.44	375676	50.00

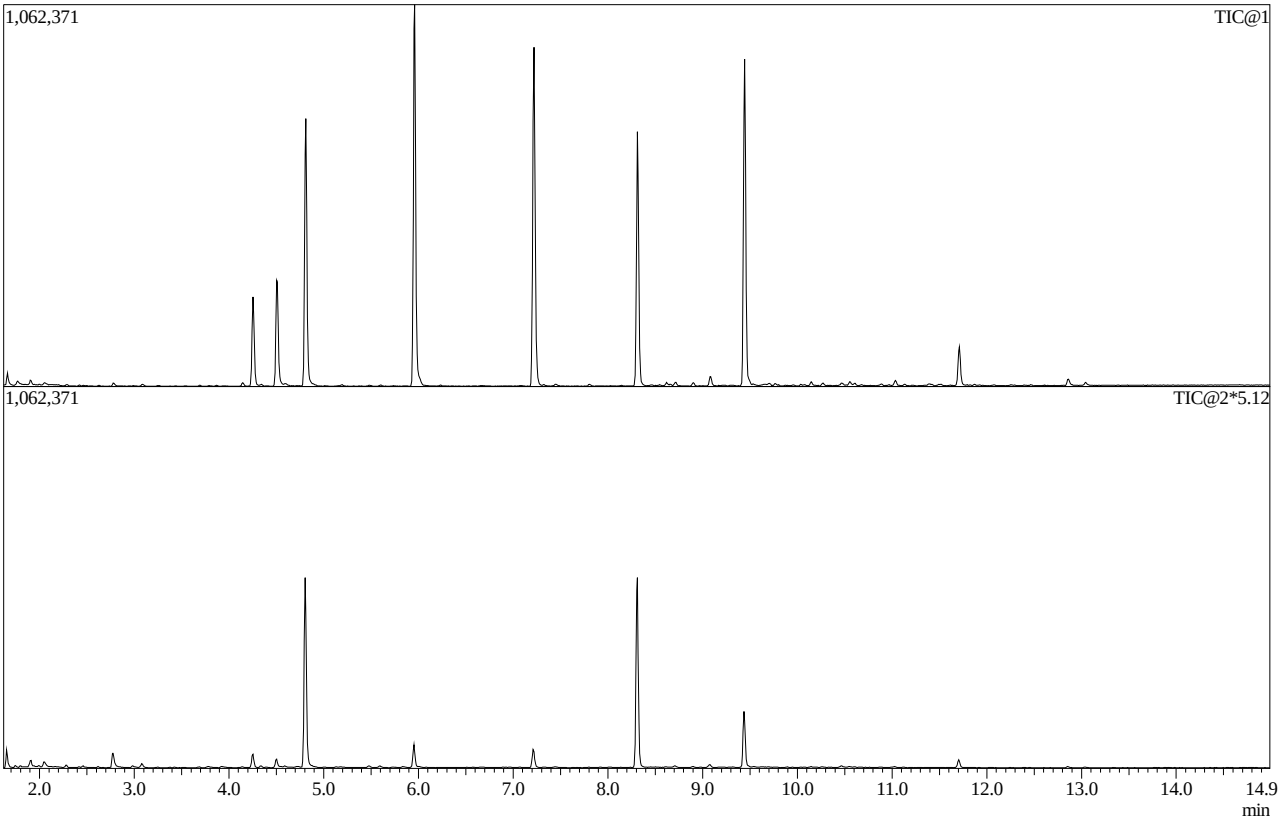
Surrogate

ID#	Name	Mass	Time	Area	Conc.
37	1,2-Dichloroethane-d4	65.00	4.51	166818	51.20
53	Toluene-d8	98.00	5.96	680249	51.68
74	Bromofluorobenzene	95.00	8.31	293942	54.36

Target

ID#	Name	Mass	Time	Area	Conc.
2	Dichlorodifluoromethane	85.00	-	---	N.D.(Peak)
3	Chloromethane	50.00	-	---	N.D.(Peak)
4	Vinyl Chloride	62.00	-	---	N.D.(Peak)
5	Bromomethane	94.00	-	---	N.D.(Peak)
6	Chloroethane	64.00	-	---	N.D.(Peak)
7	Trichlorofluoromethane	101.00	-	---	N.D.(Peak)
8	Diethyl Ether	59.00	-	---	N.D.(Peak)
9	Acrolein	56.00	-	---	N.D.(Peak)
10	1,1,2-Trichlorotrifluoroethane	101.00	-	---	N.D.(Peak)
11	1,1-Dichloroethene	61.00	-	---	N.D.(Peak)
12	Acetone	43.00	2.78	11860	4.53
13	Iodomethane (Methyl Iodide)	142.00	-	---	N.D.(Peak)
14	Carbon Disulfide	76.00	-	---	N.D.(Peak)
15	Acetonitrile	41.00	-	---	N.D.(Peak)
16	Methyl Acetate	43.00	-	---	N.D.(Ref)
17	Allyl Chloride(3-Chloroprene)	41.00	-	---	N.D.(Peak)
18	Methylene Chloride	49.00	-	---	N.D.(Peak)
19	Acrylonitrile	53.00	-	---	N.D.(Peak)
20	MTBE	73.00	-	---	N.D.(Peak)
21	trans-1,2-Dichloroethene	61.00	-	---	N.D.(Peak)
22	Vinyl Acetate	43.00	-	---	N.D.(Peak)
23	1,1-Dichloroethane	63.00	-	---	N.D.(Peak)
24	2-Butanone(MEK)	43.00	3.93	2934	0.27
25	Ethyl Acetate	45.00	-	---	N.D.(Peak)
26	cis-1,2-Dichloroethene	61.00	-	---	N.D.(Peak)
27	Propionitrile(Ethyl cyanide)	54.00	-	---	N.D.(Peak)
28	2,2-Dichloropropane	41.00	-	---	N.D.(Peak)
29	Methacrylonitrile	41.00	-	---	N.D.(Peak)
30	Bromochloromethane	49.00	-	---	N.D.(Peak)
31	Tetrahydrofuran	42.00	-	---	N.D.(Peak)
32	Chloroform	83.00	4.15	5873	0.58
33	1,1,1-Trichloroethane	97.00	-	---	N.D.(Peak)
34	Cyclohexane	56.00	-	---	N.D.(Peak)
35	1,1-Dichloropropene	75.00	-	---	N.D.(Peak)
36	Carbon tetrachloride	117.00	-	---	N.D.(Peak)
38	Benzene	78.00	-	---	N.D.(Peak)
39	1,2-Dichloroethane	62.00	-	---	N.D.(Peak)
40	Trichloroethene	95.00	-	---	N.D.(Peak)
41	1,2-Dichloropropane	63.00	-	---	N.D.(Peak)
42	Methyl Cyclohexane	83.00	-	---	N.D.(Peak)
43	Dibromomethane	93.00	-	---	N.D.(Peak)
44	Bromodichloromethane	83.00	-	---	N.D.(Peak)
45	2-Nitropropane	43.00	-	---	N.D.(Peak)
46	2-Chloroetheylvinyl ether	63.00	-	---	N.D.(Peak)
47	cis-1,3-Dichloropropene	75.00	-	---	N.D.(Peak)
48	4-Methyl-2-Pentanone(MIBK)	43.00	-	---	N.D.(Ref)
49	trans-1,3-Dichloropropene	75.00	-	---	N.D.(Peak)
50	1,1,2-Trichloroethane	97.00	-	---	N.D.(Peak)
52	1,4 Dioxane	58.00	-	---	N.D.(Peak)
54	Toluene	91.00	-	---	N.D.(Peak)
55	Ethyl Methacrylate	69.00	-	---	N.D.(Peak)

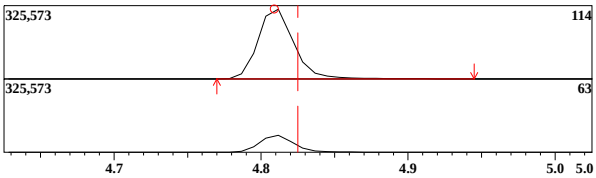
ID#	Name	Mass	Time	Area	Conc.
56	Tetrachloroethene	166.00	-	---	N.D.(Peak)
57	1,3-Dichloropropane	76.00	-	---	N.D.(Peak)
58	2-Hexanone(MBK)	43.00	-	---	N.D.(Peak)
59	Dibromochloromethane	127.00	-	---	N.D.(Peak)
60	1,2-Dibromoethane	107.00	-	---	N.D.(Peak)
61	Chlorobenzene	112.00	-	---	N.D.(Peak)
62	1,1,1,2-Tetrachloroethane	131.00	-	---	N.D.(Peak)
63	Ethylbenzene	91.00	-	---	N.D.
64	Xylene-mp	91.00	-	---	N.D.
65	Xylene-o	91.00	-	---	N.D.
66	Styrene	104.00	-	---	N.D.(Peak)
67	Bromoform	173.00	-	---	N.D.(Peak)
68	Cyclohexanone	55.00	-	---	N.D.(Peak)
69	1,1,2,2-Tetrachloroethane	83.00	-	---	N.D.(Peak)
70	1,2,3-Trichloropropane	75.00	-	---	N.D.(Peak)
72	Isopropylbenzene	105.00	-	---	N.D.(Peak)
73	Trans-1,4-Dichloro-2-butene	53.00	-	---	N.D.(Peak)
75	Bromobenzene	77.00	-	---	N.D.(Peak)
76	n-Propylbenzene	91.00	-	---	N.D.
77	2-Chlorotoluene	91.00	-	---	N.D.(Ref)
78	1,3,5-Trimethylbenzene	105.00	8.72	4522	0.21
79	4-Chlorotoluene	91.00	-	---	N.D.(Peak)
80	tert-Butylbenzene	119.00	-	---	N.D.(Peak)
81	1,2,4-Trimethylbenzene	105.00	9.08	15383	0.77
82	sec-Butylbenzene	105.00	-	---	N.D.(Ref)
83	1,3-Dichlorobenzene	146.00	-	---	N.D.(Peak)
84	p-iso-Propyltoluene	119.00	-	---	N.D.(Peak)
85	1,4-Dichlorobenzene	146.00	-	---	N.D.(Peak)
86	n-Butylbenzene	91.00	-	---	N.D.(Peak)
87	1,2-Dichlorobenzene	146.00	-	---	N.D.(Peak)
88	1,2-Dibromo-3-chloropropane	75.00	-	---	N.D.(Peak)
89	1,2,4-Trichlorobenzene	180.00	-	---	N.D.(Peak)
90	Hexachlorobutadiene	225.00	-	---	N.D.(Peak)
91	Naphthalene	128.00	11.71	95138	17.20
92	1,2,3-Trichlorobenzene	180.00	-	---	N.D.(Peak)



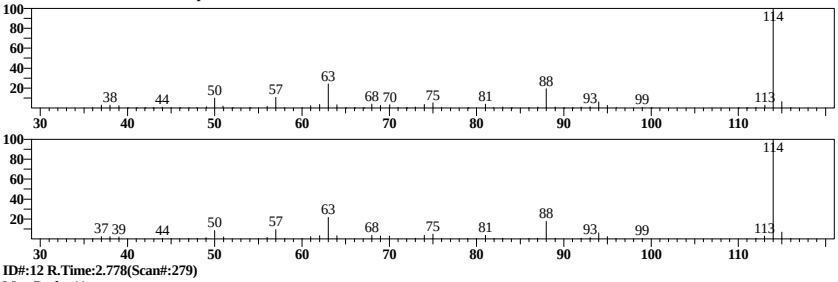
ID#:1 Name:1,4-Difluorobenzene (IS) Type:ISTD No Manual Integration

Mass:114.00 R.T:4.809 Area:532722 Conc:50.00000ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	63.00	62615	23.98	23.00



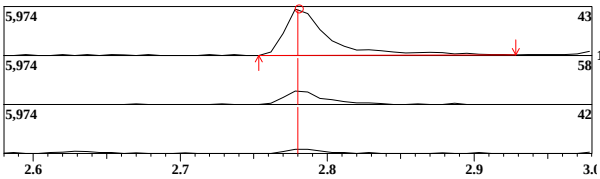
ID#:1 R.Time:4.812(Scan#:767)
MassPeaks:65
RawMode:Averaged 4.803-4.820(765-769)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



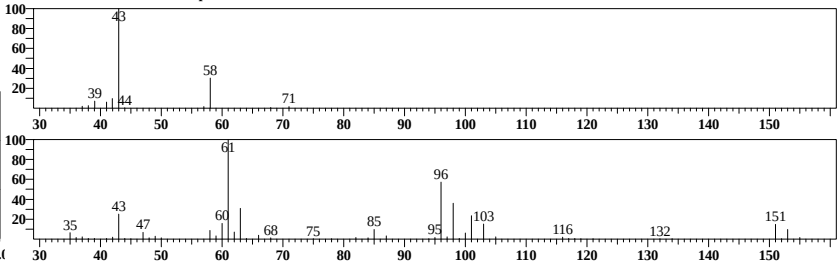
ID#:12 Name:Acetone Type:Target No Manual Integration

Mass:43.00 R.T:2.781 Area:11860 Conc:4.53316ppm
Event:1:Scan SI:24

#	m/z	Area	Ratio	Reference
1	58.00	1357	30.16	30.00
2	42.00	433	9.62	10.00



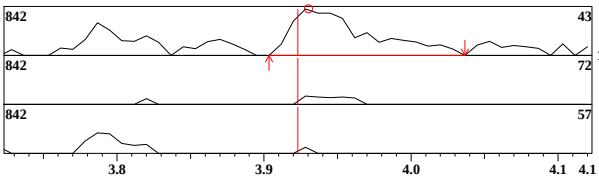
ID#:12 R.Time:2.778(Scan#:279)
MassPeaks:11
RawMode:Averaged 2.770-2.787(277-281)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



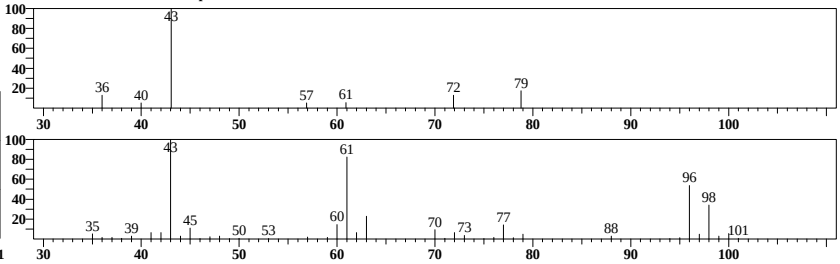
ID#:24 Name:2-Butanone(MEK) Type:Target No Manual Integration

Mass:43.00 R.T:3.930 Area:2934 Conc:0.26564ppm
Event:1:Scan SI:51

#	m/z	Area	Ratio	Reference
1	72.00	91	12.87	30.00
2	57.00	36	5.09	11.00



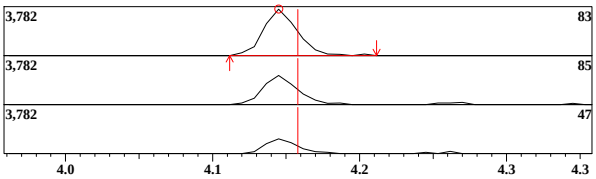
ID#:24 R.Time:3.928(Scan#:555)
MassPeaks:7
RawMode:Averaged 3.920-3.937(553-557)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



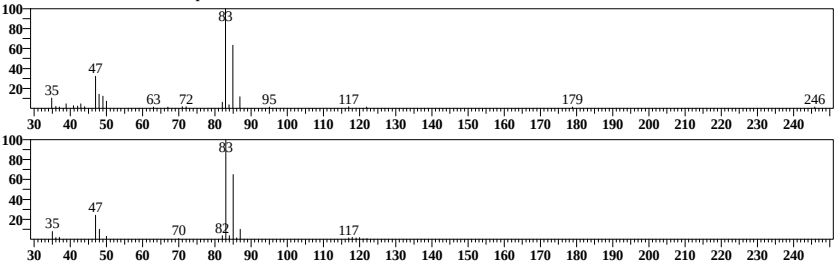
ID#:32 Name:Chloroform Type:Target No Manual Integration

Mass:83.00 R.T:4.145 Area:5873 Conc:0.57795ppm
Event:1:Scan SI:89

#	m/z	Area	Ratio	Reference
1	85.00	1832	63.44	64.00
2	47.00	930	32.20	25.00



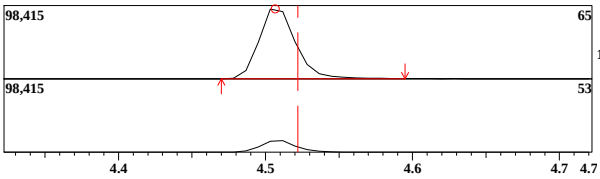
ID#:32 R.Time:4.145(Scan#:607)
MassPeaks:26
RawMode:Averaged 4.137-4.153(605-609)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



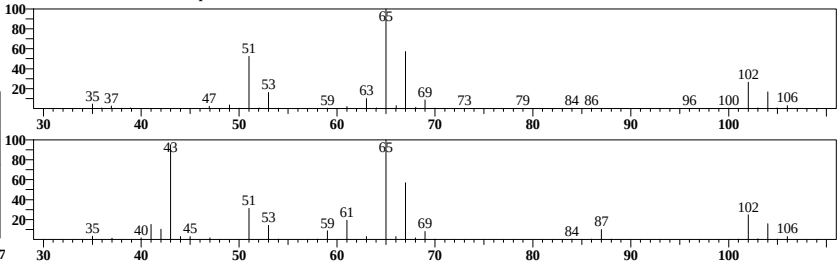
ID#:37 Name:1,2-Dichloroethane-d4 Type:Surrogate/SMC No Manual Integration

Mass:65.00 R.T:4.507 Area:166818 Conc:51.19520ppb
Event:1:Scan SI:76

#	m/z	Area	Ratio	Reference
1	53.00	12510	16.13	15.00



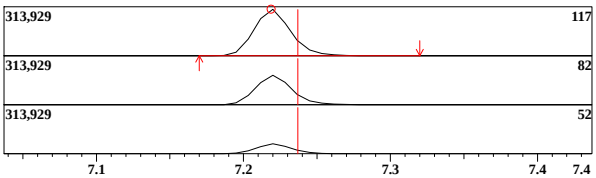
ID#:37 R.Time:4.503(Scan#:693)
MassPeaks:43
RawMode:Averaged 4.495-4.512(691-695)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



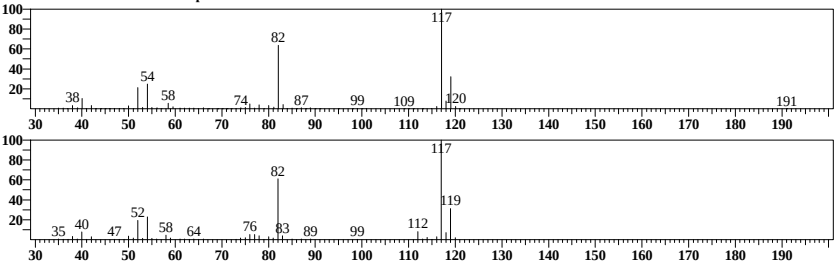
ID#:51 Name:Chlorobenzene-d5 (IS) Type:ISTD No Manual Integration

Mass:117.00 R.T:7.219 Area:522905 Conc:50.00000ppb
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	82.00	158886	63.73	60.00
2	52.00	53131	21.31	30.00



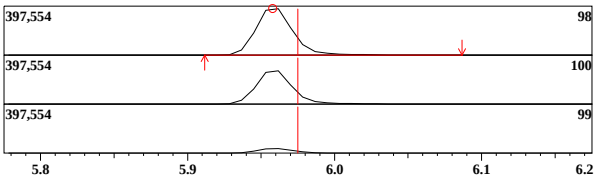
ID#:51 R.Time:7.220(Scan#:1345)
MassPeaks:72
RawMode:Averaged 7.212-7.228(1343-1347)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



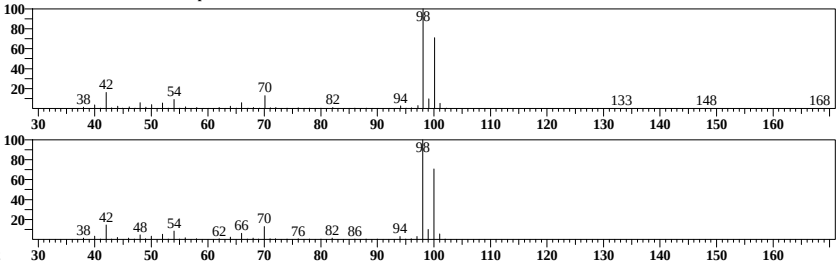
ID#:53 Name:Toluene-d8 Type:Surrogate/SMC No Manual Integration

Mass:98.00 R.T:5.958 Area:680249 Conc:51.68018ppb
Event:1:Scan SI:99

#	m/z	Area	Ratio	Reference
1	100.00	229325	70.97	70.00
2	99.00	31433	9.73	10.00



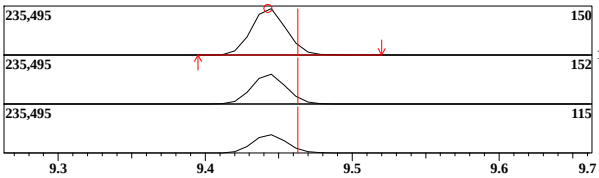
ID#:53 R.Time:5.962(Scan#:1043)
MassPeaks:69
RawMode:Averaged 5.953-5.970(1041-1045)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



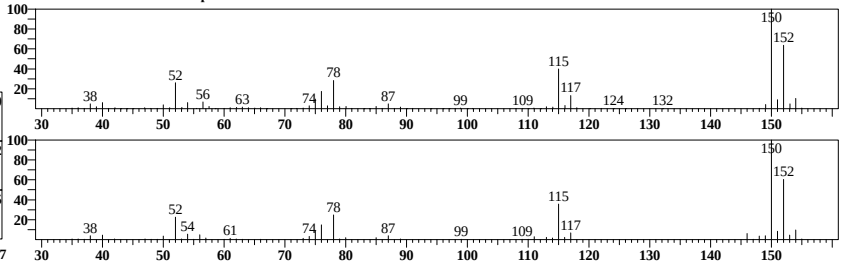
ID#:71 Name:1,4-Dichlorobenzene-d4 (IS) Type:ISTD No Manual Integration

Mass:150.00 R.T:9.443 Area:375676 Conc:50.00000ppb
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	152.00	119564	63.80	40.00
2	115.00	74487	39.75	25.00



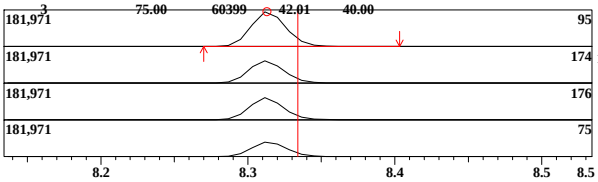
ID#:71 R.Time:9.445(Scan#:1879)
MassPeaks:82
RawMode:Averaged 9.437-9.453(1877-1881)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



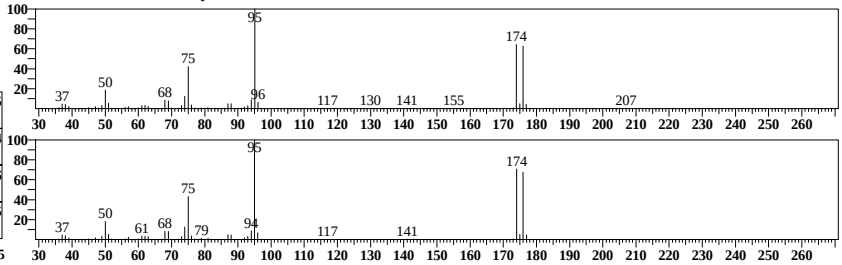
ID#:74 Name:Bromofluorobenzene Type:Surrogate/SMC No Manual Integration

Mass:95.00 R.T:8.313 Area:293942 Conc:54.36488ppb
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	174.00	92504	64.34	50.00
2	176.00	90290	62.80	50.00
3	75.00	60399	42.01	40.00



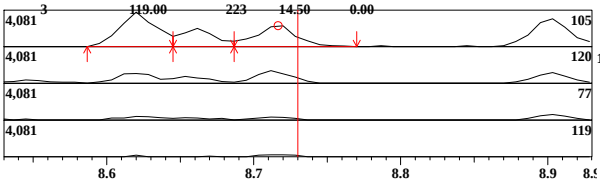
ID#:74 R.Time:8.312(Scan#:1607)
MassPeaks:99
RawMode:Averaged 8.303-8.320(1605-1609)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



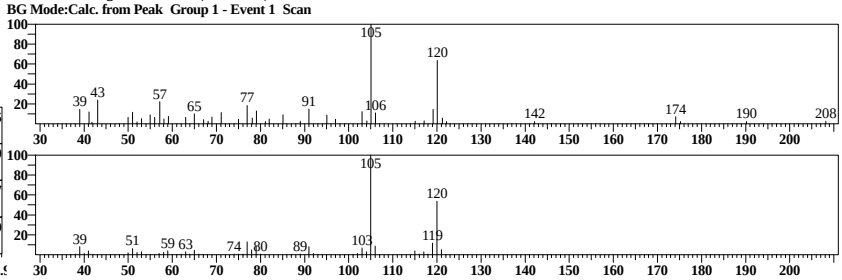
ID#:78 Name:1,3,5-Trimethylbenzene Type:Target No Manual Integration

Mass:105.00 R.T:8.717 Area:4522 Conc:0.21293ppb
Event:1:Scan SI:78

#	m/z	Area	Ratio	Reference
1	120.00	977	63.52	50.00
2	77.00	283	18.40	0.00
3	119.00	223	14.50	0.00



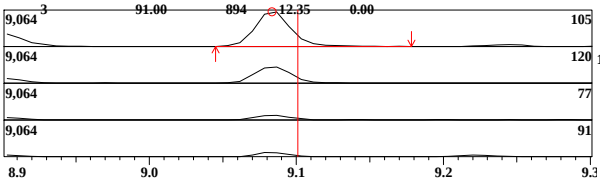
ID#:78 R.Time:8.720(Scan#:1705)
MassPeaks:45
RawMode:Averaged 8.712-8.728(1703-1707)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



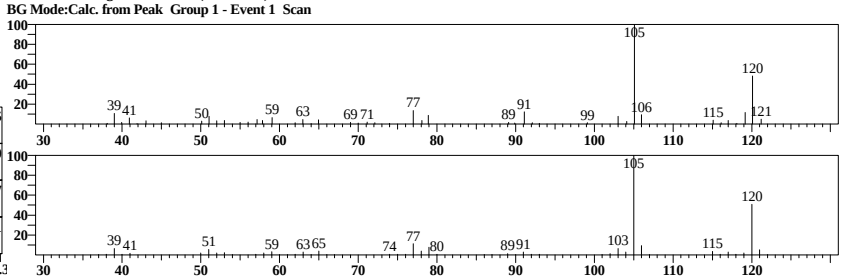
ID#:81 Name:1,2,4-Trimethylbenzene Type:Target No Manual Integration

Mass:105.00 R.T:9.084 Area:15383 Conc:0.76858ppb
Event:1:Scan SI:91

#	m/z	Area	Ratio	Reference
1	120.00	3492	48.23	45.00
2	77.00	973	13.44	0.00
3	91.00	894	12.35	0.00



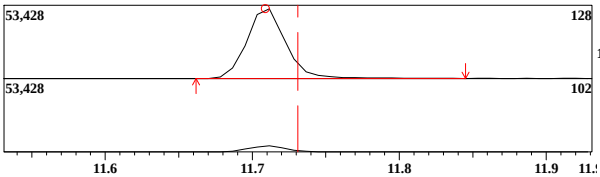
ID#:81 R.Time:9.087(Scan#:1793)
MassPeaks:45
RawMode:Averaged 9.078-9.095(1791-1795)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



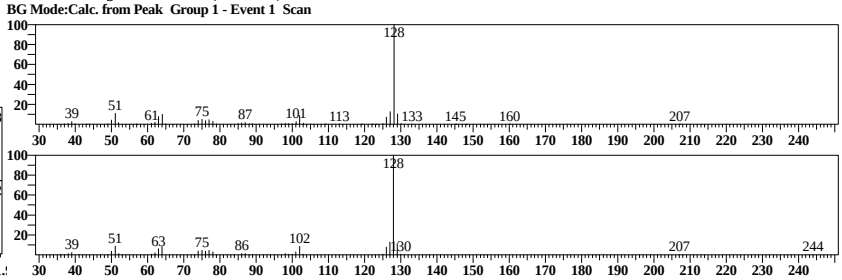
ID#:91 Name:Naphthalene Type:Target No Manual Integration

Mass:128.00 R.T:11.709 Area:95138 Conc:17.20182ppb
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	102.00	3724	8.57	2.00



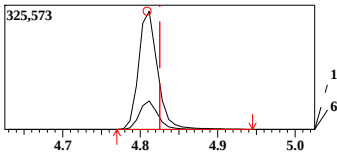
ID#:91 R.Time:11.712(Scan#:2423)
MassPeaks:52
RawMode:Averaged 11.703-11.720(2421-2425)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



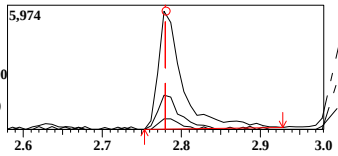
Before Manual Integrations

Analyst: ABO **Instr: J1N** **Trace Number:**
Method: 8260C **Batch:**
Sample ID: J2301357004 **Data File: C:\GCMSsolution\Data\230130N018.qgd**
Date: 1/30/2023 **Method File: C:\GCMSsolution\Data\8260-W-221122N.qgm**
Time: 13:26:13 **Sample Name: J2301357004**
Dilution: 1

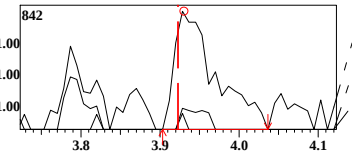
ID#:1 **Name:1,4-Difluorobenzene (IS)**
Mass:114.00 **Type:ISTD**
R.T:4.809 **Area:532722** **Conc:50.00000ppm**



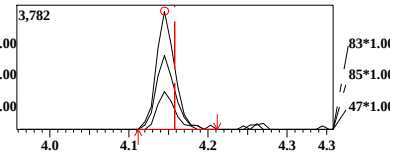
ID#:12 **Name:Acetone**
Mass:43.00 **Type:Target**
R.T:2.781 **Area:11860** **Conc:4.53316ppm**



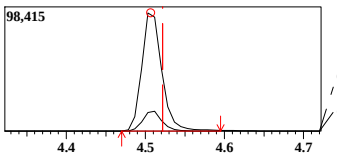
ID#:24 **Name:2-Butanone(MEK)**
Mass:43.00 **Type:Target**
R.T:3.930 **Area:2934** **Conc:0.26564ppm**



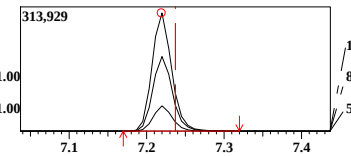
ID#:32 **Name:Chloroform**
Mass:83.00 **Type:Target**
R.T:4.145 **Area:5873** **Conc:0.57795ppm**



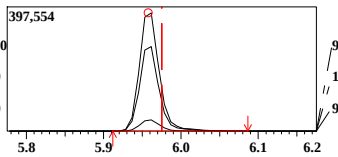
ID#:37 **Name:1,2-Dichloroethane-d4**
Mass:65.00 **Type:Surrogate/SMC**
R.T:4.507 **Area:166818** **Conc:51.19520ppb**



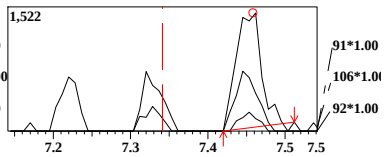
ID#:51 **Name:Chlorobenzene-d5 (IS)**
Mass:117.00 **Type:ISTD**
R.T:7.219 **Area:522905** **Conc:50.00000ppb**



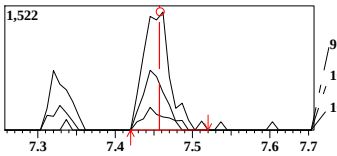
ID#:53 **Name:Toluene-d8**
Mass:98.00 **Type:Surrogate/SMC**
R.T:5.958 **Area:680249** **Conc:51.68018ppb**



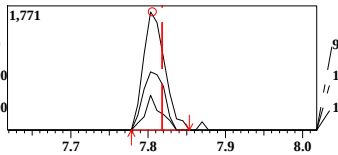
ID#:63 **Name:Ethylbenzene**
Mass:91.00 **Type:Target**
R.T:7.458 **Area:3220** **Conc:0.10385ppb**



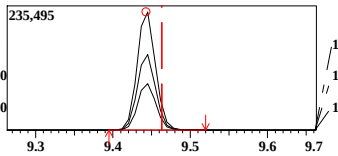
ID#:64 **Name:Xylene-mp**
Mass:91.00 **Type:Target**
R.T:7.458 **Area:3525** **Conc:0.14391ppb**



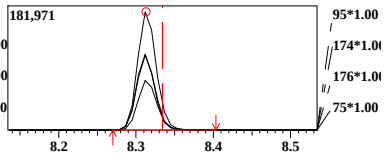
ID#:65 **Name:Xylene-o**
Mass:91.00 **Type:Target**
R.T:7.806 **Area:3273** **Conc:0.13667ppb**



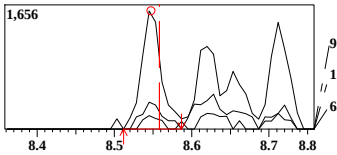
ID#:71 **Name:1,4-Dichlorobenzene-d4 (IS)**
Mass:150.00 **Type:ISTD**
R.T:9.443 **Area:375676** **Conc:50.00000ppb**



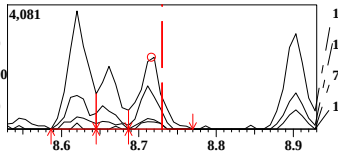
ID#:74 **Name:Bromofluorobenzene**
Mass:95.00 **Type:Surrogate/SMC**
R.T:8.313 **Area:293942** **Conc:54.36488ppb**



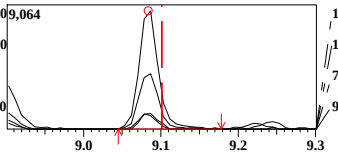
ID#:76 **Name:n-Propylbenzene**
Mass:91.00 **Type:Target**
R.T:8.547 **Area:2907** **Conc:0.08983ppb**



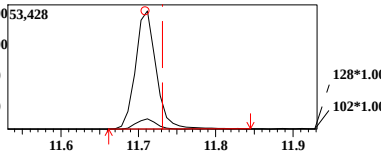
ID#:78 **Name:1,3,5-Trimethylbenzene**
Mass:105.00 **Type:Target**
R.T:8.717 **Area:4522** **Conc:0.21293ppb**



ID#:81 **Name:1,2,4-Trimethylbenzene**
Mass:105.00 **Type:Target**
R.T:9.084 **Area:15383** **Conc:0.76858ppb**



ID#:91 **Name:Naphthalene**
Mass:128.00 **Type:Target**
R.T:11.709 **Area:95138** **Conc:17.20182ppb**



Advanced Environmental Laboratories, Inc.

Volatile Analysis Results

FORM 1

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357005**		**Client ID:**	**143-RSPZ4-GW-AEB3056-REG**
			File ID:	**230130N019.qgd**
Date Collected:	**1/25/2023**	**10:15**		
Date Analyzed:	**1/30/2023**	**13:50**	**Matrix:**	**WATER**
Date Prepared:	**1/30/2023**	**07:00**	**Instrument ID:**	**J1N**
Dilution:	**1**		**Analytical Run ID:**	**230130N-8260-DOD-1**
Sample Wt/Vol:	**5.00**	**mL**	**% Moisture:**	**100**
Final Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5852**
Prep Method:	**SW-846 5030B**		**Lims Analytical Batch:**	**5853**

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1,2-Dichloroethane	107-06-2	**0.50**	U	0.25	0.50	1.0	ug/L
Benzene	71-43-2	**0.50**	U	0.25	0.50	1.0	ug/L
Ethylbenzene	100-41-4	**0.50**	U	0.25	0.50	1.0	ug/L
Methyl tert-butyl Ether (MTBE)	1634-04-4	**0.50**	U	0.25	0.50	1.0	ug/L
Methylene Chloride	75-09-2	**2.5**	U	1.2	2.5	5.0	ug/L
Trichloroethene	79-01-6	**0.50**	U	0.25	0.50	1.0	ug/L

** This analyte is reported as not certified. The LOQ listed on the report is the low point of the calibration curve. The MDL and LOD values are set to the LOQ at this time.

Analyst: ABO Instrument: J1N Trace Number:
Method: 8260C Batch:5853
Sample ID: J2301357005 Data File: C:\GCMSsolution\Data\230130N019.qgd
Date: 1/30/2023 Method File: C:\GCMSsolution\Data\8260-W-221122N.qgm
Time: 13:50:30 Sample Name: J2301357005
Dilution: 1

Internal Standard

ID#	Name	Mass	Time	Area	Conc.
1	1,4-Difluorobenzene (IS)	114.00	4.81	505388	50.00
51	Chlorobenzene-d5 (IS)	117.00	7.22	510308	50.00
71	1,4-Dichlorobenzene-d4 (IS)	150.00	9.44	356391	50.00

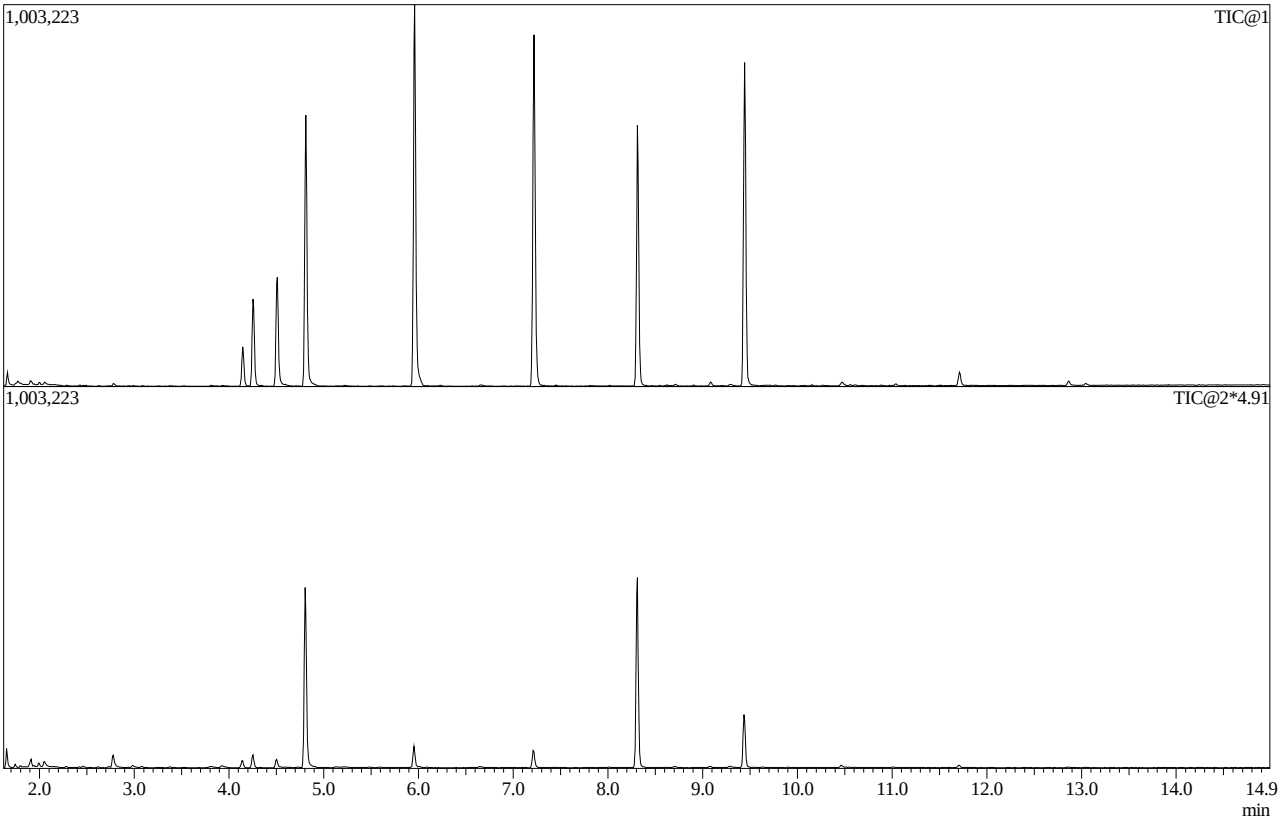
Surrogate

ID#	Name	Mass	Time	Area	Conc.
37	1,2-Dichloroethane-d4	65.00	4.51	163527	52.90
53	Toluene-d8	98.00	5.96	646549	50.33
74	Bromofluorobenzene	95.00	8.31	282592	55.09

Target

ID#	Name	Mass	Time	Area	Conc.
2	Dichlorodifluoromethane	85.00	-	---	N.D.(Peak)
3	Chloromethane	50.00	-	---	N.D.(Peak)
4	Vinyl Chloride	62.00	-	---	N.D.(Peak)
5	Bromomethane	94.00	-	---	N.D.(Peak)
6	Chloroethane	64.00	-	---	N.D.(Peak)
7	Trichlorofluoromethane	101.00	-	---	N.D.(Peak)
8	Diethyl Ether	59.00	-	---	N.D.(Peak)
9	Acrolein	56.00	-	---	N.D.(Peak)
10	1,1,2-Trichlorotrifluoroethane	101.00	-	---	N.D.(Peak)
11	1,1-Dichloroethene	61.00	-	---	N.D.(Peak)
12	Acetone	43.00	2.78	8558	3.45
13	Iodomethane (Methyl Iodide)	142.00	-	---	N.D.(Peak)
14	Carbon Disulfide	76.00	-	---	N.D.(Peak)
15	Acetonitrile	41.00	-	---	N.D.(Peak)
16	Methyl Acetate	43.00	-	---	N.D.(Peak)
17	Allyl Chloride(3-Chloroprene)	41.00	-	---	N.D.(Peak)
18	Methylene Chloride	49.00	-	---	N.D.(Peak)
19	Acrylonitrile	53.00	-	---	N.D.(Peak)
20	MTBE	73.00	-	---	N.D.(Peak)
21	trans-1,2-Dichloroethene	61.00	-	---	N.D.(Peak)
22	Vinyl Acetate	43.00	-	---	N.D.(Peak)
23	1,1-Dichloroethane	63.00	-	---	N.D.(Peak)
24	2-Butanone(MEK)	43.00	3.93	3595	0.34
25	Ethyl Acetate	45.00	-	---	N.D.(Peak)
26	cis-1,2-Dichloroethene	61.00	-	---	N.D.(Peak)
27	Propionitrile(Ethyl cyanide)	54.00	-	---	N.D.(Peak)
28	2,2-Dichloropropane	41.00	-	---	N.D.(Peak)
29	Methacrylonitrile	41.00	-	---	N.D.(Peak)
30	Bromochloromethane	49.00	-	---	N.D.(Ref)
31	Tetrahydrofuran	42.00	-	---	N.D.(Peak)
32	Chloroform	83.00	4.15	63043	6.54
33	1,1,1-Trichloroethane	97.00	-	---	N.D.(Peak)
34	Cyclohexane	56.00	-	---	N.D.(Peak)
35	1,1-Dichloropropene	75.00	-	---	N.D.(Peak)
36	Carbon tetrachloride	117.00	-	---	N.D.(Peak)
38	Benzene	78.00	-	---	N.D.(Peak)
39	1,2-Dichloroethane	62.00	-	---	N.D.(Peak)
40	Trichloroethene	95.00	-	---	N.D.(Peak)
41	1,2-Dichloropropane	63.00	-	---	N.D.(Peak)
42	Methyl Cyclohexane	83.00	-	---	N.D.(Peak)
43	Dibromomethane	93.00	-	---	N.D.(Peak)
44	Bromodichloromethane	83.00	-	---	N.D.(Peak)
45	2-Nitropropane	43.00	-	---	N.D.(Peak)
46	2-Chloroetheylvinyl ether	63.00	-	---	N.D.(Peak)
47	cis-1,3-Dichloropropene	75.00	-	---	N.D.(Peak)
48	4-Methyl-2-Pentanone(MIBK)	43.00	-	---	N.D.(Ref)
49	trans-1,3-Dichloropropene	75.00	-	---	N.D.(Peak)
50	1,1,2-Trichloroethane	97.00	-	---	N.D.(Peak)
52	1,4 Dioxane	58.00	-	---	N.D.(Peak)
54	Toluene	91.00	-	---	N.D.(Peak)
55	Ethyl Methacrylate	69.00	-	---	N.D.(Peak)

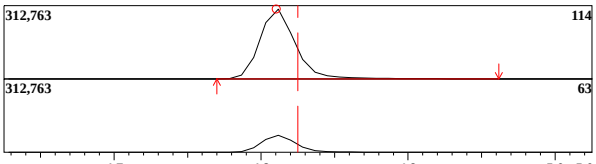
ID#	Name	Mass	Time	Area	Conc.
56	Tetrachloroethene	166.00	-	---	N.D.(Peak)
57	1,3-Dichloropropane	76.00	-	---	N.D.(Peak)
58	2-Hexanone(MBK)	43.00	-	---	N.D.(Peak)
59	Dibromochloromethane	127.00	-	---	N.D.(Peak)
60	1,2-Dibromoethane	107.00	-	---	N.D.(Peak)
61	Chlorobenzene	112.00	-	---	N.D.(Peak)
62	1,1,1,2-Tetrachloroethane	131.00	-	---	N.D.(Peak)
63	Ethylbenzene	91.00	-	---	N.D.(Peak)
64	Xylene-mp	91.00	-	---	N.D.(Peak)
65	Xylene-o	91.00	-	---	N.D.(Peak)
66	Styrene	104.00	-	---	N.D.(Peak)
67	Bromoform	173.00	-	---	N.D.(Peak)
68	Cyclohexanone	55.00	-	---	N.D.(Peak)
69	1,1,2,2-Tetrachloroethane	83.00	-	---	N.D.(Peak)
70	1,2,3-Trichloropropane	75.00	-	---	N.D.(Peak)
72	Isopropylbenzene	105.00	-	---	N.D.(Peak)
73	Trans-1,4-Dichloro-2-butene	53.00	-	---	N.D.(Peak)
75	Bromobenzene	77.00	-	---	N.D.(Peak)
76	n-Propylbenzene	91.00	-	---	N.D.(Peak)
77	2-Chlorotoluene	91.00	-	---	N.D.(Peak)
78	1,3,5-Trimethylbenzene	105.00	-	---	N.D.(Ref)
79	4-Chlorotoluene	91.00	-	---	N.D.(Peak)
80	tert-Butylbenzene	119.00	-	---	N.D.(Peak)
81	1,2,4-Trimethylbenzene	105.00	9.09	6817	0.36
82	sec-Butylbenzene	105.00	-	---	N.D.(Ref)
83	1,3-Dichlorobenzene	146.00	-	---	N.D.(Peak)
84	p-iso-Propyltoluene	119.00	-	---	N.D.(Peak)
85	1,4-Dichlorobenzene	146.00	-	---	N.D.(Peak)
86	n-Butylbenzene	91.00	-	---	N.D.(Peak)
87	1,2-Dichlorobenzene	146.00	-	---	N.D.(Peak)
88	1,2-Dibromo-3-chloropropane	75.00	-	---	N.D.(Peak)
89	1,2,4-Trichlorobenzene	180.00	-	---	N.D.(Peak)
90	Hexachlorobutadiene	225.00	-	---	N.D.(Peak)
91	Naphthalene	128.00	11.71	31704	6.04
92	1,2,3-Trichlorobenzene	180.00	-	---	N.D.(Peak)



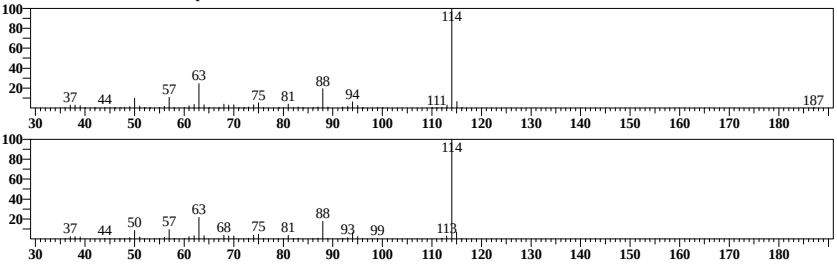
ID#:1 Name:1,4-Difluorobenzene (IS) Type:ISTD No Manual Integration

Mass:114.00 R.T:4.811 Area:505388 Conc:50.00000ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	63.00	60401	24.57	23.00



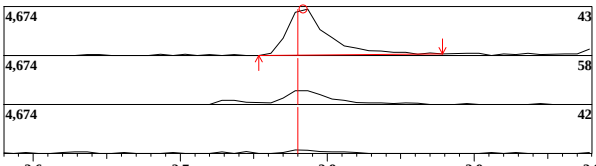
ID#:1 R.Time:4.812(Scan#:767)
MassPeaks:61
RawMode:Averaged 4.803-4.820(765-769)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



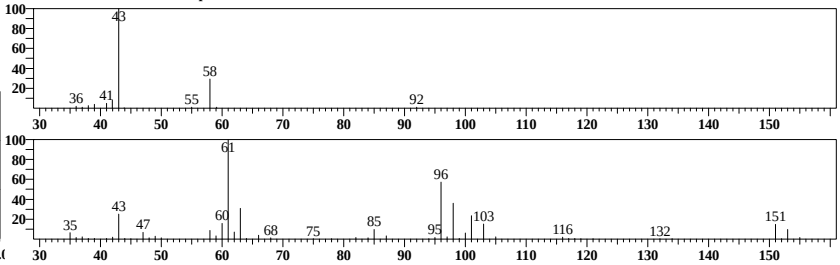
ID#:12 Name:Acetone Type:Target No Manual Integration

Mass:43.00 R.T:2.784 Area:8558 Conc:3.44798ppm
Event:1:Scan SI:25

#	m/z	Area	Ratio	Reference
1	58.00	1060	29.13	30.00
2	42.00	288	7.91	10.00



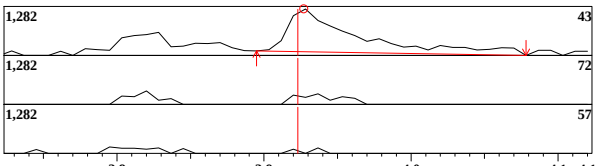
ID#:12 R.Time:2.787(Scan#:281)
MassPeaks:12
RawMode:Averaged 2.778-2.795(279-283)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



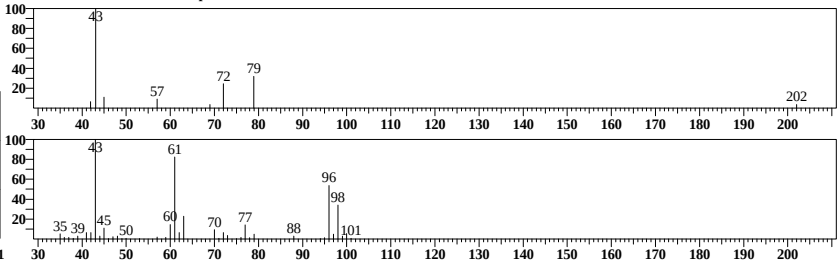
ID#:24 Name:2-Butanone(MEK) Type:Target No Manual Integration

Mass:43.00 R.T:3.927 Area:3595 Conc:0.34309ppm
Event:1:Scan SI:48

#	m/z	Area	Ratio	Reference
1	72.00	235	24.53	30.00
2	57.00	86	8.98	11.00



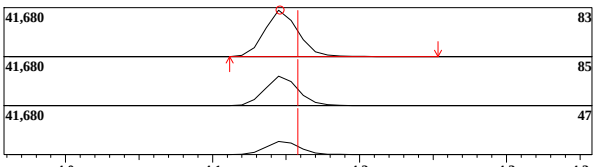
ID#:24 R.Time:3.928(Scan#:555)
MassPeaks:8
RawMode:Averaged 3.920-3.937(553-557)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



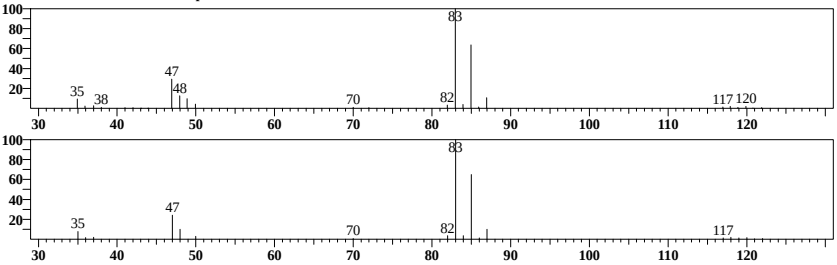
ID#:32 Name:Chloroform Type:Target No Manual Integration

Mass:83.00 R.T:4.146 Area:63043 Conc:6.53942ppm
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	85.00	20249	63.61	64.00
2	47.00	9294	29.19	25.00



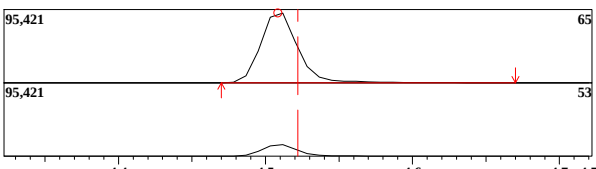
ID#:32 R.Time:4.145(Scan#:607)
MassPeaks:26
RawMode:Averaged 4.137-4.153(605-609)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



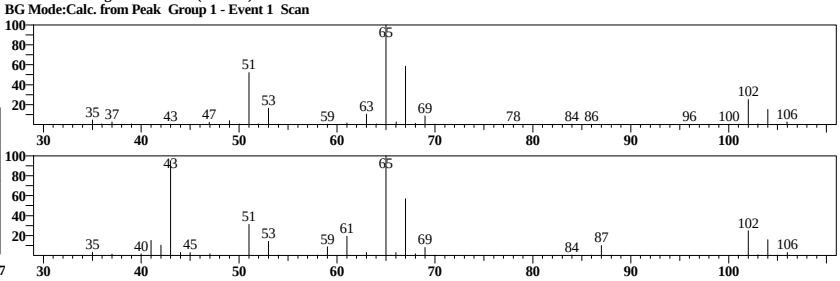
ID#:37 Name:1,2-Dichloroethane-d4 Type:Surrogate/SMC No Manual Integration

Mass:65.00 R.T:4.508 Area:163527 Conc:52.89949ppb
Event:1:Scan SI:82

#	m/z	Area	Ratio	Reference
1	53.00	12632	16.41	15.00



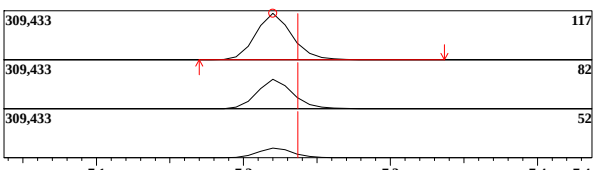
ID#:37 R.Time:4.512(Scan#:695)
MassPeaks:39
RawMode:Averaged 4.503-4.520(693-697)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



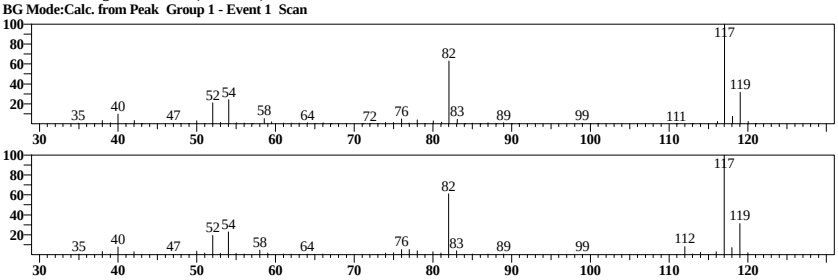
ID#:51 Name:Chlorobenzene-d5 (IS) Type:ISTD No Manual Integration

Mass:117.00 R.T:7.220 Area:510308 Conc:50.00000ppb
Event:1:Scan SI:96

#	m/z	Area	Ratio	Reference
1	82.00	153971	62.94	60.00
2	52.00	51112	20.89	30.00



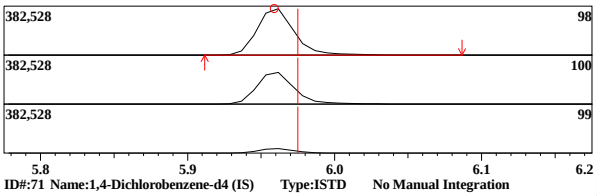
ID#:51 R.Time:7.220(Scan#:1345)
MassPeaks:62
RawMode:Averaged 7.212-7.228(1343-1347)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



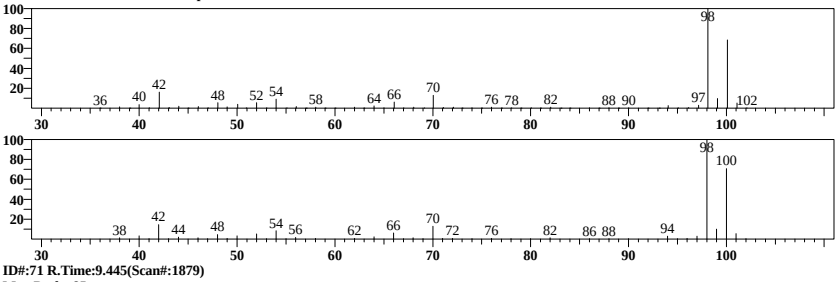
ID#:53 Name:Toluene-d8 Type:Surrogate/SMC No Manual Integration

Mass:98.00 R.T:5.959 Area:646549 Conc:50.33244ppb
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	100.00	210883	68.58	70.00
2	99.00	29614	9.63	10.00



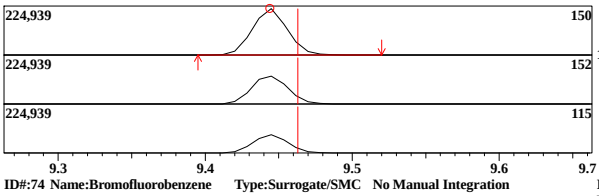
ID#:53 R.Time:5.962(Scan#:1043)
MassPeaks:63
RawMode:Averaged 5.953-5.970(1041-1045)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



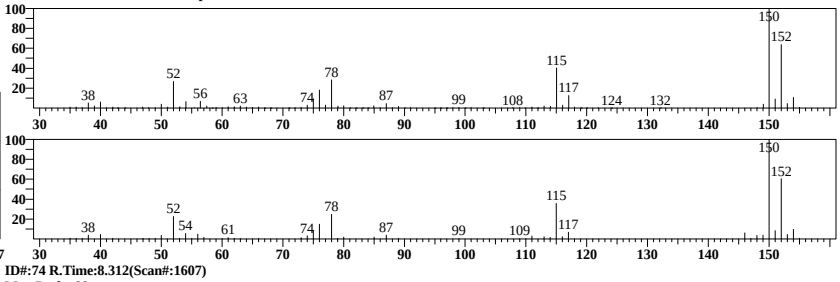
ID#:71 Name:1,4-Dichlorobenzene-d4 (IS) Type:ISTD No Manual Integration

Mass:150.00 R.T:9.444 Area:356391 Conc:50.00000ppb
Event:1:Scan SI:94

#	m/z	Area	Ratio	Reference
1	152.00	111668	63.57	40.00
2	115.00	70619	40.20	25.00



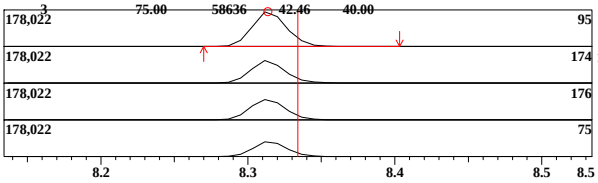
ID#:71 R.Time:9.445(Scan#:1879)
MassPeaks:85
RawMode:Averaged 9.437-9.453(1877-1881)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



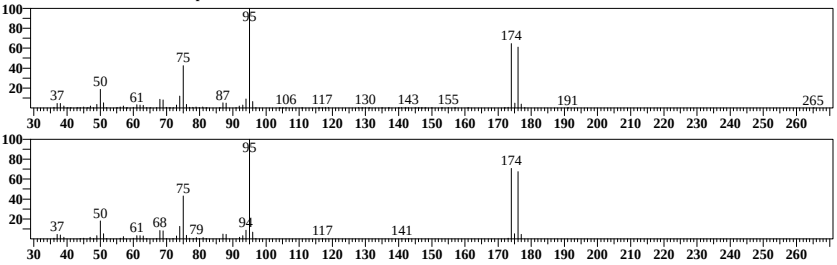
ID#:74 Name:Bromofluorobenzene Type:Surrogate/SMC No Manual Integration

Mass:95.00 R.T:8.314 Area:282592 Conc:55.09388ppb
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	174.00	89341	64.69	50.00
2	176.00	84395	61.11	50.00
3	75.00	58636	42.46	40.00



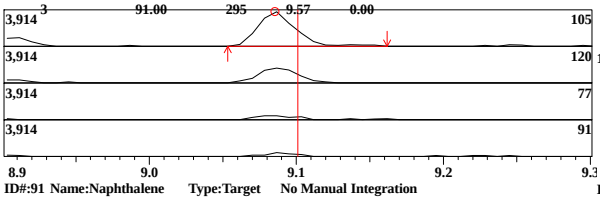
ID#:74 R.Time:8.312(Scan#:1607)
MassPeaks:88
RawMode:Averaged 8.303-8.320(1605-1609)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



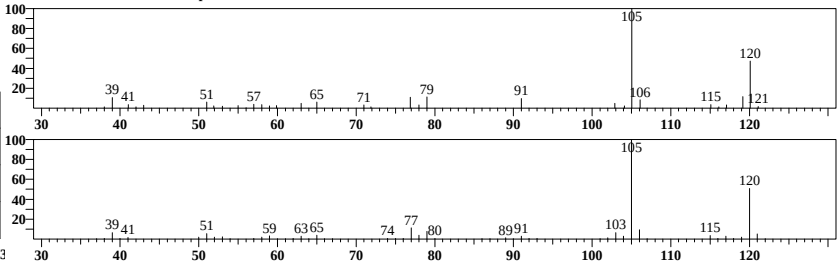
ID#:81 Name:1,2,4-Trimethylbenzene Type:Target No Manual Integration

Mass:105.00 R.T:9.085 Area:6817 Conc:0.35903ppb
Event:1:Scan SI:90

#	m/z	Area	Ratio	Reference
1	120.00	1452	47.13	45.00
2	77.00	333	10.81	0.00
3	91.00	295	9.57	0.00



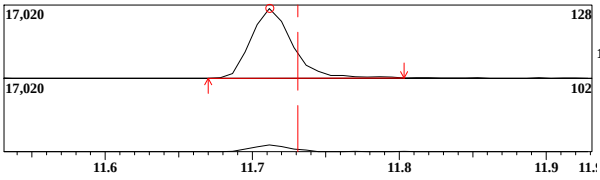
ID#:81 R.Time:9.087(Scan#:1793)
MassPeaks:32
RawMode:Averaged 9.078-9.095(1791-1795)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



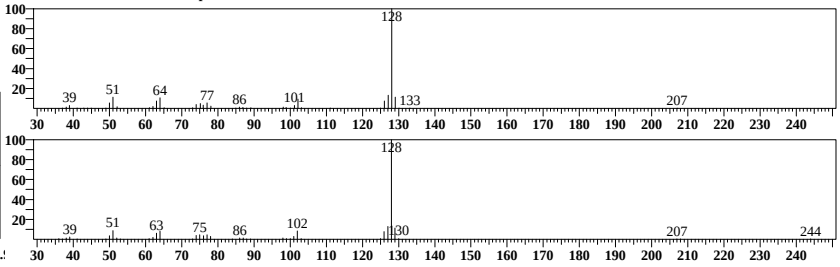
ID#:91 Name:Naphthalene Type:Target No Manual Integration

Mass:128.00 R.T:11.712 Area:31704 Conc:6.04256ppb
Event:1:Scan SI:97

#	m/z	Area	Ratio	Reference
1	102.00	1306	9.36	2.00



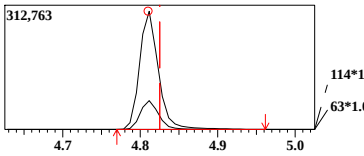
ID#:91 R.Time:11.712(Scan#:2423)
MassPeaks:42
RawMode:Averaged 11.703-11.720(2421-2425)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



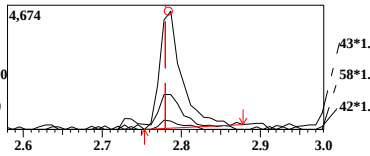
Before Manual Integrations

Analyst: ABO **Instr: J1N** **Trace Number:**
Method: 8260C **Batch:**
Sample ID: J2301357005 **Data File: C:\GCMSsolution\Data\230130N019.qgd**
Date: 1/30/2023 **Method File: C:\GCMSsolution\Data\8260-W-221122N.qgm**
Time: 13:50:30 **Sample Name: J2301357005**
Dilution: 1

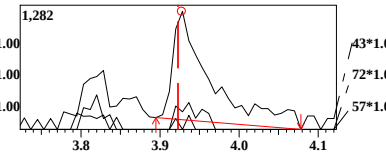
ID#:1 **Name:1,4-Difluorobenzene (IS)**
Mass:114.00 **Type:ISTD**
R.T:4.811 **Area:505388** **Conc:50.00000ppm**



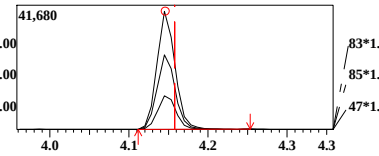
ID#:12 **Name:Acetone**
Mass:43.00 **Type:Target**
R.T:2.784 **Area:8558** **Conc:3.44798ppm**



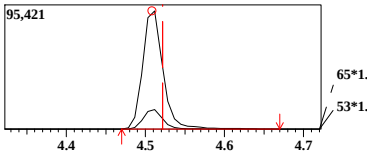
ID#:24 **Name:2-Butanone(MEK)**
Mass:43.00 **Type:Target**
R.T:3.927 **Area:3595** **Conc:0.34309ppm**



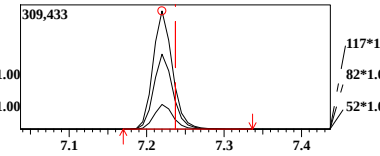
ID#:32 **Name:Chloroform**
Mass:83.00 **Type:Target**
R.T:4.146 **Area:63043** **Conc:6.53942ppm**



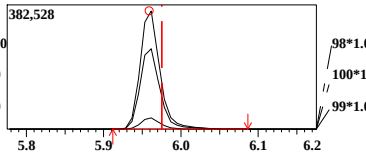
ID#:37 **Name:1,2-Dichloroethane-d4**
Mass:65.00 **Type:Surrogate/SMC**
R.T:4.508 **Area:163527** **Conc:52.89949ppb**



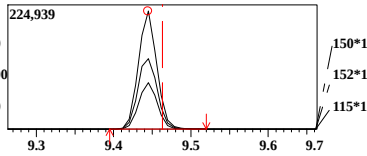
ID#:51 **Name:Chlorobenzene-d5 (IS)**
Mass:117.00 **Type:ISTD**
R.T:7.220 **Area:510308** **Conc:50.00000ppb**



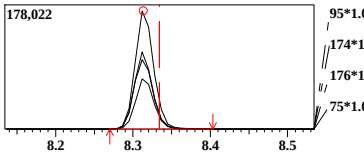
ID#:53 **Name:Toluene-d8**
Mass:98.00 **Type:Surrogate/SMC**
R.T:5.959 **Area:646549** **Conc:50.33244ppb**



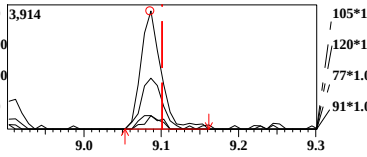
ID#:71 **Name:1,4-Dichlorobenzene-d4 (IS)**
Mass:150.00 **Type:ISTD**
R.T:9.444 **Area:356391** **Conc:50.00000ppb**



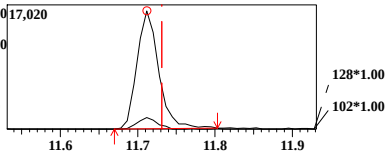
ID#:74 **Name:Bromofluorobenzene**
Mass:95.00 **Type:Surrogate/SMC**
R.T:8.314 **Area:282592** **Conc:55.09388ppb**



ID#:81 **Name:1,2,4-Trimethylbenzene**
Mass:105.00 **Type:Target**
R.T:9.085 **Area:6817** **Conc:0.35903ppb**



ID#:91 **Name:Naphthalene**
Mass:128.00 **Type:Target**
R.T:11.712 **Area:31704** **Conc:6.04256ppb**



Advanced Environmental Laboratories, Inc.

Volatile Analysis Results

FORM 1

SW-846 8260C

SDG No.: J2301357

Client: Environmental Chemical Corporation (ECC)

Sample ID:	**J2301357006**		**Client ID:**	**143-RSPZ1-GW-AEB3052-REG**
			File ID:	**230130N020.qgd**
Date Collected:	**1/25/2023**	**11:33**		
Date Analyzed:	**1/30/2023**	**14:14**	**Matrix:**	**WATER**
Date Prepared:	**1/30/2023**	**07:00**	**Instrument ID:**	**J1N**
Dilution:	**1**		**Analytical Run ID:**	**230130N-8260-DOD-1**
Sample Wt/Vol:	**5.00**	**mL**	**% Moisture:**	**100**
Final Vol:	**5000**	**uL**	**Lims Prep Batch:**	**5852**
Prep Method:	**SW-846 5030B**		**Lims Analytical Batch:**	**5853**

Parameter	CAS Number	Results	Q	DL	LOD	LOQ	Units
1,2-Dichloroethane	107-06-2	**0.50**	U	0.25	0.50	1.0	ug/L
Benzene	71-43-2	**0.50**	U	0.25	0.50	1.0	ug/L
Ethylbenzene	100-41-4	**0.50**	U	0.25	0.50	1.0	ug/L
Methyl tert-butyl Ether (MTBE)	1634-04-4	**0.32**	J	0.25	0.50	1.0	ug/L
Methylene Chloride	75-09-2	**2.5**	U	1.2	2.5	5.0	ug/L
Trichloroethene	79-01-6	**0.50**	U	0.25	0.50	1.0	ug/L

** This analyte is reported as not certified. The LOQ listed on the report is the low point of the calibration curve. The MDL and LOD values are set to the LOQ at this time.

Analyst: ABO Instrument: J1N Trace Number:
Method: 8260C Batch:5853
Sample ID: J2301357006 Data File: C:\GCMSsolution\Data\230130N020.qgd
Date: 1/30/2023 Method File: C:\GCMSsolution\Data\8260-W-221122N.qgm
Time: 14:14:47 Sample Name: J2301357006
Dilution: 1

Internal Standard

ID#	Name	Mass	Time	Area	Conc.
1	1,4-Difluorobenzene (IS)	114.00	4.81	515745	50.00
51	Chlorobenzene-d5 (IS)	117.00	7.22	506004	50.00
71	1,4-Dichlorobenzene-d4 (IS)	150.00	9.44	357124	50.00

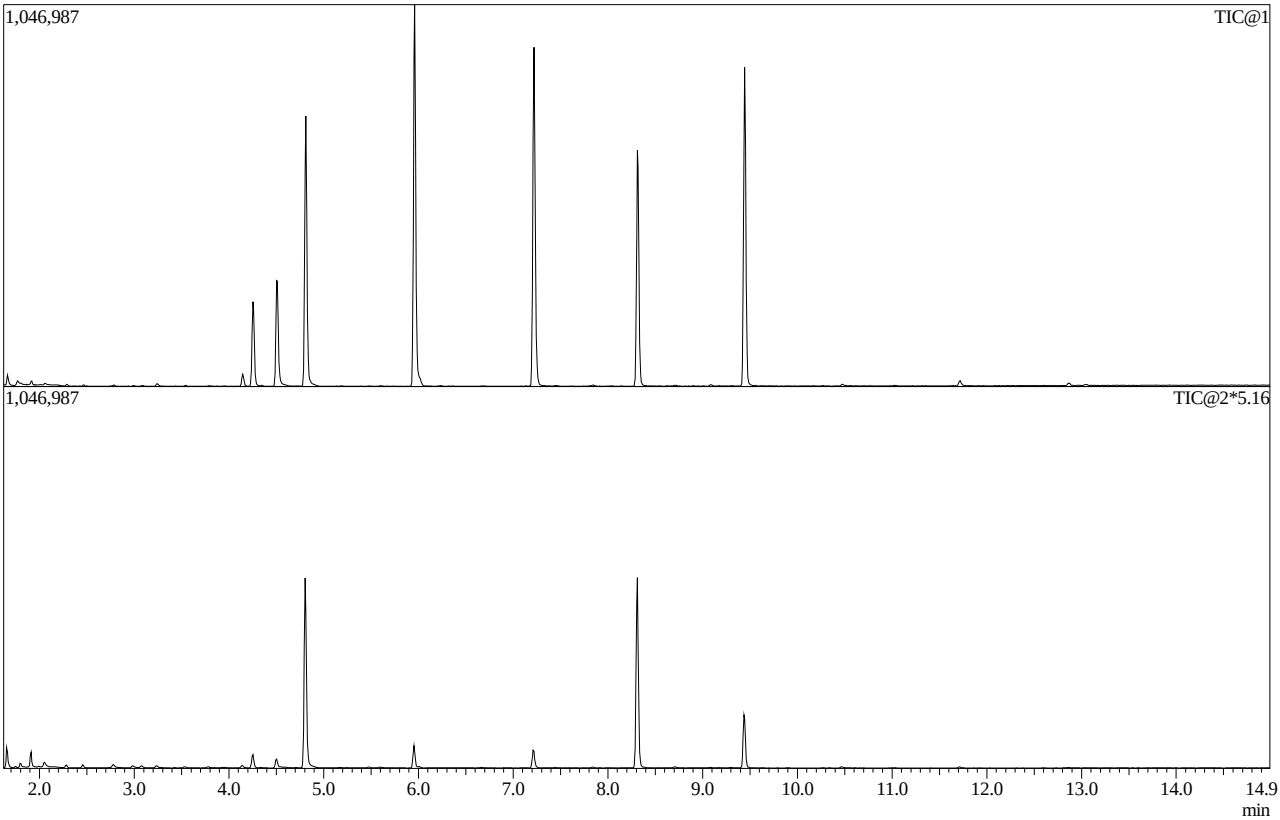
Surrogate

ID#	Name	Mass	Time	Area	Conc.
37	1,2-Dichloroethane-d4	65.00	4.51	166087	52.65
53	Toluene-d8	98.00	5.96	657146	51.59
74	Bromofluorobenzene	95.00	8.32	282275	54.92

Target

ID#	Name	Mass	Time	Area	Conc.
2	Dichlorodifluoromethane	85.00	-	---	N.D.(Peak)
3	Chloromethane	50.00	-	---	N.D.(Peak)
4	Vinyl Chloride	62.00	-	---	N.D.(Peak)
5	Bromomethane	94.00	-	---	N.D.(Peak)
6	Chloroethane	64.00	-	---	N.D.(Peak)
7	Trichlorofluoromethane	101.00	-	---	N.D.(Peak)
8	Diethyl Ether	59.00	-	---	N.D.(Peak)
9	Acrolein	56.00	-	---	N.D.(Peak)
10	1,1,2-Trichlorotrifluoroethane	101.00	-	---	N.D.(Peak)
11	1,1-Dichloroethene	61.00	-	---	N.D.(Peak)
12	Acetone	43.00	2.79	2813	1.11
13	Iodomethane (Methyl Iodide)	142.00	-	---	N.D.(Peak)
14	Carbon Disulfide	76.00	-	---	N.D.(Peak)
15	Acetonitrile	41.00	-	---	N.D.(Peak)
16	Methyl Acetate	43.00	2.99	2687	0.49
17	Allyl Chloride(3-Chloroprene)	41.00	-	---	N.D.(Peak)
18	Methylene Chloride	49.00	-	---	N.D.(Peak)
19	Acrylonitrile	53.00	-	---	N.D.(Peak)
20	MTBE	73.00	3.24	4866	0.32
21	trans-1,2-Dichloroethene	61.00	-	---	N.D.(Peak)
22	Vinyl Acetate	43.00	-	---	N.D.(Peak)
23	1,1-Dichloroethane	63.00	-	---	N.D.(Peak)
24	2-Butanone(MEK)	43.00	-	---	N.D.(Peak)
25	Ethyl Acetate	45.00	-	---	N.D.(Peak)
26	cis-1,2-Dichloroethene	61.00	-	---	N.D.(Peak)
27	Propionitrile(Ethyl cyanide)	54.00	-	---	N.D.(Peak)
28	2,2-Dichloropropane	41.00	-	---	N.D.(Peak)
29	Methacrylonitrile	41.00	-	---	N.D.(Peak)
30	Bromochloromethane	49.00	-	---	N.D.(Peak)
31	Tetrahydrofuran	42.00	-	---	N.D.(Peak)
32	Chloroform	83.00	4.15	20147	2.05
33	1,1,1-Trichloroethane	97.00	-	---	N.D.(Peak)
34	Cyclohexane	56.00	-	---	N.D.(Peak)
35	1,1-Dichloropropene	75.00	-	---	N.D.(Peak)
36	Carbon tetrachloride	117.00	-	---	N.D.(Peak)
38	Benzene	78.00	-	---	N.D.(Peak)
39	1,2-Dichloroethane	62.00	-	---	N.D.(Peak)
40	Trichloroethene	95.00	-	---	N.D.(Peak)
41	1,2-Dichloropropane	63.00	-	---	N.D.(Peak)
42	Methyl Cyclohexane	83.00	-	---	N.D.(Peak)
43	Dibromomethane	93.00	-	---	N.D.(Peak)
44	Bromodichloromethane	83.00	-	---	N.D.(Peak)
45	2-Nitropropane	43.00	-	---	N.D.(Peak)
46	2-Chloroetheylvinyl ether	63.00	-	---	N.D.(Peak)
47	cis-1,3-Dichloropropene	75.00	-	---	N.D.(Peak)
48	4-Methyl-2-Pentanone(MIBK)	43.00	-	---	N.D.(Ref)
49	trans-1,3-Dichloropropene	75.00	-	---	N.D.(Peak)
50	1,1,2-Trichloroethane	97.00	-	---	N.D.(Peak)
52	1,4 Dioxane	58.00	-	---	N.D.(Peak)
54	Toluene	91.00	6.02	3821	0.14
55	Ethyl Methacrylate	69.00	-	---	N.D.(Peak)

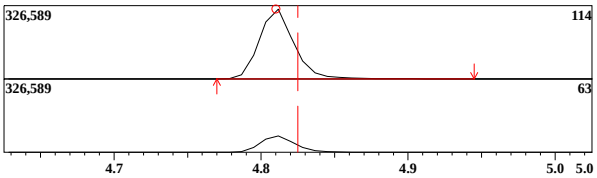
ID#	Name	Mass	Time	Area	Conc.
56	Tetrachloroethene	166.00	-	---	N.D.(Peak)
57	1,3-Dichloropropane	76.00	-	---	N.D.(Peak)
58	2-Hexanone(MBK)	43.00	-	---	N.D.(Peak)
59	Dibromochloromethane	127.00	-	---	N.D.(Peak)
60	1,2-Dibromoethane	107.00	-	---	N.D.(Peak)
61	Chlorobenzene	112.00	-	---	N.D.(Peak)
62	1,1,1,2-Tetrachloroethane	131.00	-	---	N.D.(Peak)
63	Ethylbenzene	91.00	-	---	N.D.(Peak)
64	Xylene-mp	91.00	-	---	N.D.(Peak)
65	Xylene-o	91.00	-	---	N.D.(Peak)
66	Styrene	104.00	-	---	N.D.(Peak)
67	Bromoform	173.00	-	---	N.D.(Peak)
68	Cyclohexanone	55.00	-	---	N.D.(Peak)
69	1,1,2,2-Tetrachloroethane	83.00	-	---	N.D.(Peak)
70	1,2,3-Trichloropropane	75.00	-	---	N.D.(Peak)
72	Isopropylbenzene	105.00	-	---	N.D.(Peak)
73	Trans-1,4-Dichloro-2-butene	53.00	-	---	N.D.(Peak)
75	Bromobenzene	77.00	-	---	N.D.(Peak)
76	n-Propylbenzene	91.00	-	---	N.D.(Peak)
77	2-Chlorotoluene	91.00	-	---	N.D.(Peak)
78	1,3,5-Trimethylbenzene	105.00	-	---	N.D.(Peak)
79	4-Chlorotoluene	91.00	-	---	N.D.(Peak)
80	tert-Butylbenzene	119.00	-	---	N.D.(Peak)
81	1,2,4-Trimethylbenzene	105.00	9.09	2933	0.15
82	sec-Butylbenzene	105.00	-	---	N.D.(Peak)
83	1,3-Dichlorobenzene	146.00	-	---	N.D.(Peak)
84	p-iso-Propyltoluene	119.00	-	---	N.D.(Peak)
85	1,4-Dichlorobenzene	146.00	-	---	N.D.(Peak)
86	n-Butylbenzene	91.00	-	---	N.D.(Peak)
87	1,2-Dichlorobenzene	146.00	-	---	N.D.(Peak)
88	1,2-Dibromo-3-chloropropane	75.00	-	---	N.D.(Peak)
89	1,2,4-Trichlorobenzene	180.00	-	---	N.D.(Peak)
90	Hexachlorobutadiene	225.00	-	---	N.D.(Peak)
91	Naphthalene	128.00	11.72	13310	2.53
92	1,2,3-Trichlorobenzene	180.00	-	---	N.D.(Peak)



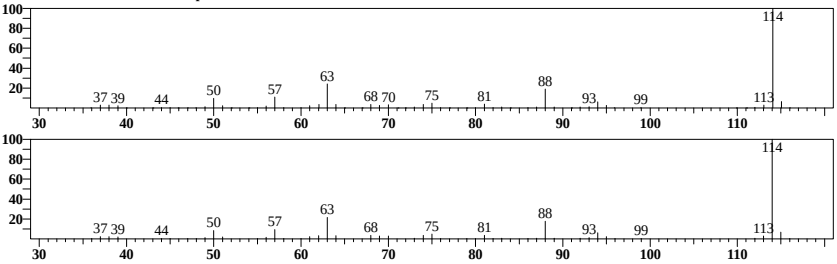
ID#:1 Name:1,4-Difluorobenzene (IS) Type:ISTD No Manual Integration

Mass:114.00 R.T:4.810 Area:515745 Conc:50.00000ppm
Event:1:Scan SI:98

#	m/z	Area	Ratio	Reference
1	63.00	60980	24.15	23.00



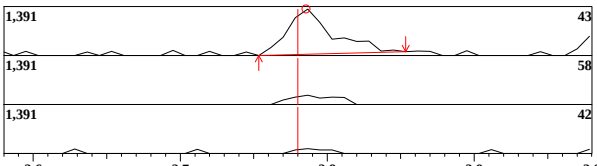
ID#:1 R.Time:4.812(Scan#:767)
MassPeaks:61
RawMode:Averaged 4.803-4.820(765-769)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



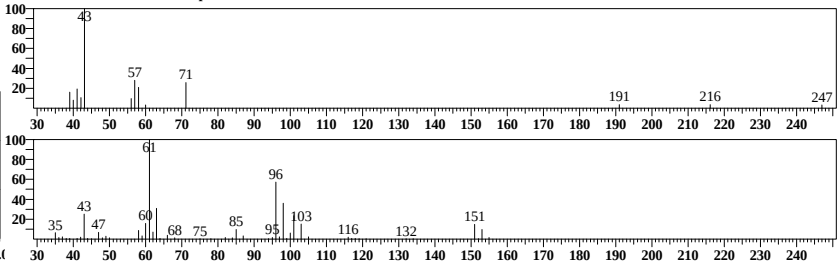
ID#:12 Name:Acetone Type:Target No Manual Integration

Mass:43.00 R.T:2.786 Area:2813 Conc:1.11059ppm
Event:1:Scan SI:23

#	m/z	Area	Ratio	Reference
1	58.00	224	20.80	30.00
2	42.00	116	10.77	10.00



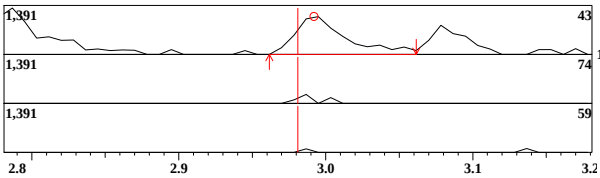
ID#:12 R.Time:2.787(Scan#:281)
MassPeaks:13
RawMode:Averaged 2.778-2.795(279-283)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



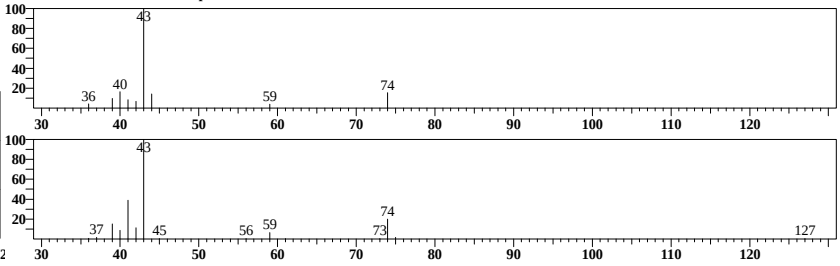
ID#:16 Name:Methyl Acetate Type:Target No Manual Integration

Mass:43.00 R.T:2.992 Area:2687 Conc:0.48651ppm
Event:1:Scan SI:87

#	m/z	Area	Ratio	Reference
1	74.00	140	15.44	40.00
2	59.00	35	3.86	20.00



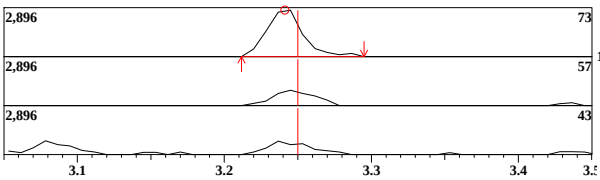
ID#:16 R.Time:2.995(Scan#:331)
MassPeaks:9
RawMode:Averaged 2.987-3.003(329-333)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



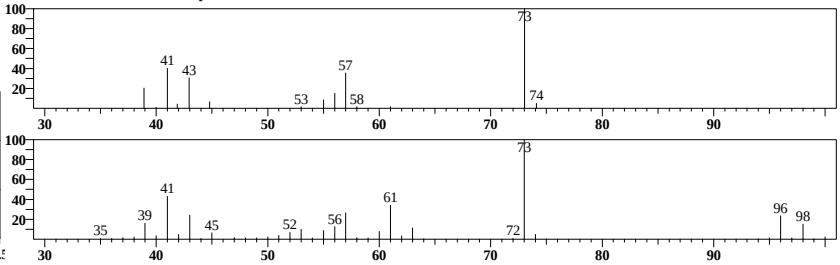
ID#:20 Name:MTBE Type:Target No Manual Integration

Mass:73.00 R.T:3.241 Area:4866 Conc:0.32397ppm
Event:1:Scan SI:81

#	m/z	Area	Ratio	Reference
1	57.00	795	35.44	26.00
2	43.00	686	30.58	20.00



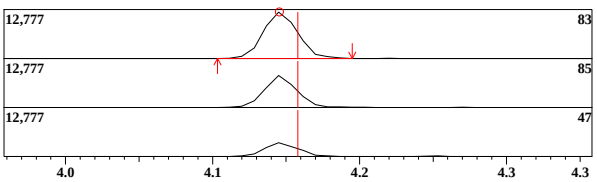
ID#:20 R.Time:3.245(Scan#:391)
MassPeaks:14
RawMode:Averaged 3.237-3.253(389-393)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



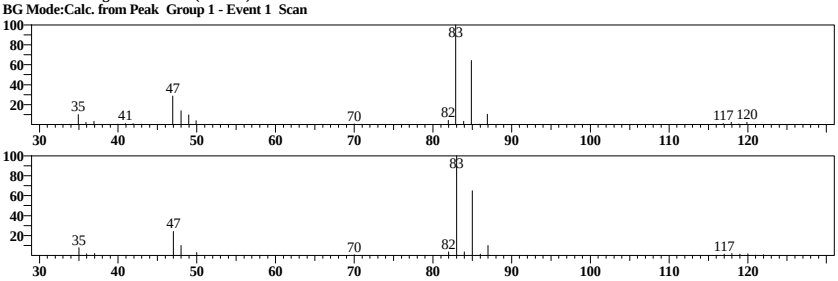
ID#:32 Name:Chloroform Type:Target No Manual Integration

Mass:83.00 R.T:4.146 Area:20147 Conc:2.04787ppm
Event:1:Scan SI:95

#	m/z	Area	Ratio	Reference
1	85.00	6494	64.47	64.00
2	47.00	2897	28.76	25.00



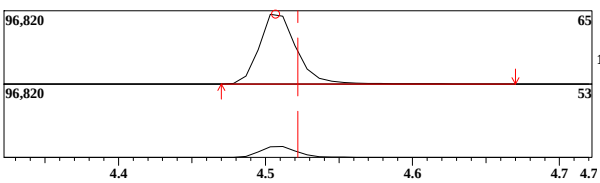
ID#:32 R.Time:4.145(Scan#:607)
MassPeaks:23
RawMode:Averaged 4.137-4.153(605-609)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan



ID#:37 Name:1,2-Dichloroethane-d4 Type:Surrogate/SMC No Manual Integration

Mass:65.00 R.T:4.507 Area:166087 Conc:52.64869ppb
Event:1:Scan SI:84

#	m/z	Area	Ratio	Reference
1	53.00	12091	15.94	15.00



ID#:37 R.Time:4.503(Scan#:693)
MassPeaks:43
RawMode:Averaged 4.495-4.512(691-695)
BG Mode:Calc. from Peak Group 1 - Event 1 Scan

