Quantitation Report (Qedit)

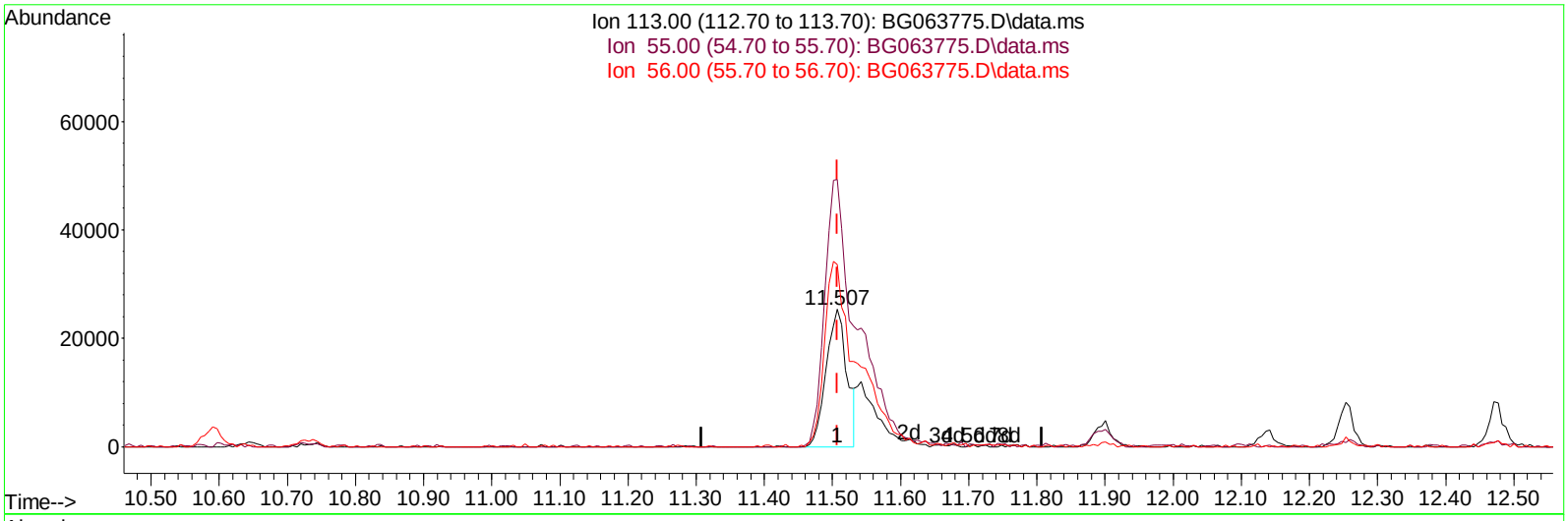
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122024\
Data File : BG063775.D
Acq On : 20 Dec 2024 17:13
Operator : RC/JU
Sample : PB165771BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

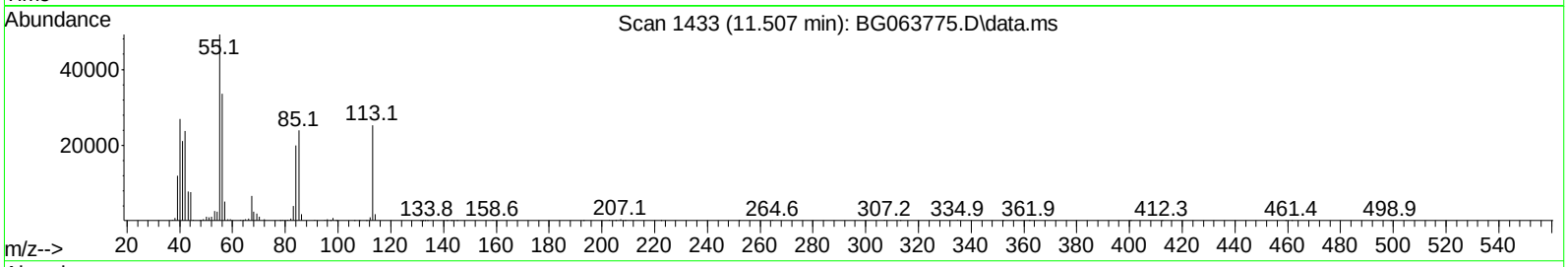
Quant Time: Dec 21 00:09:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

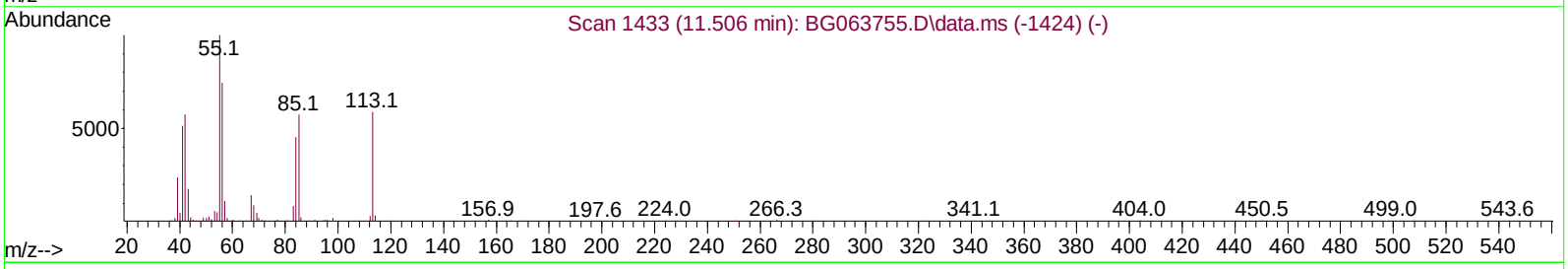
Instrument :
BNA_G
ClientSampleId :
SLCS771

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024







TIC: BG063775.D\data.ms

(34) Caprolactam

11.507min (-0.000) 23.12 ng/ul

response 53324

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	194.38
56.00	133.90	132.63
0.00	0.00	0.00

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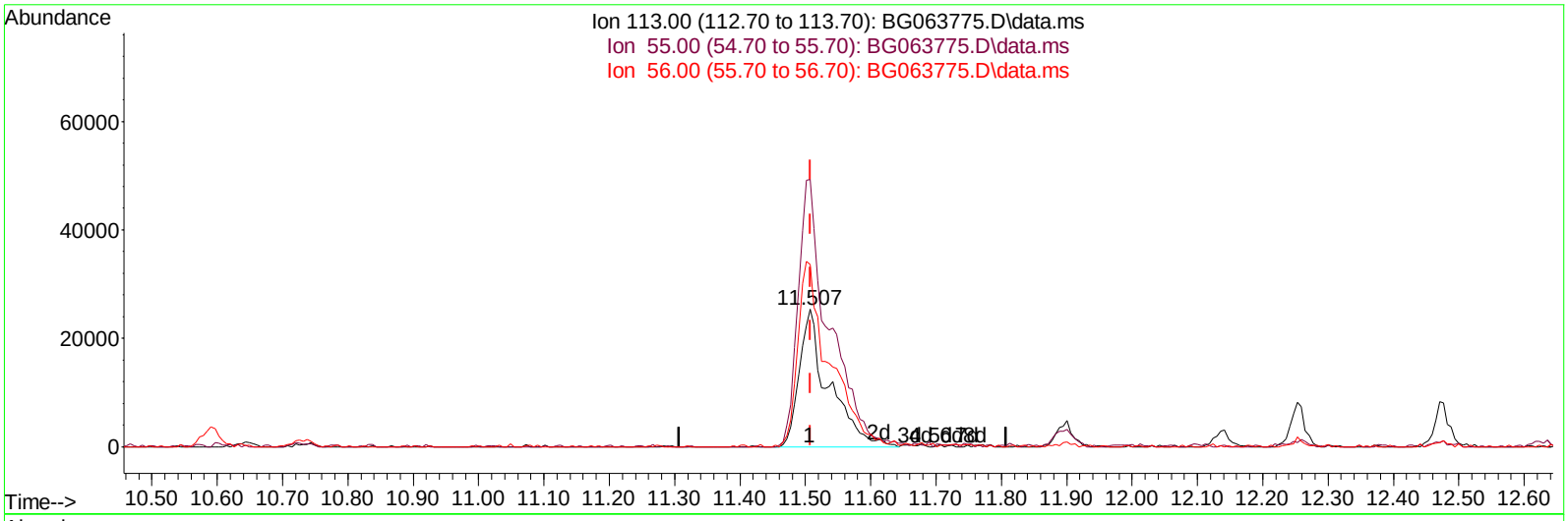

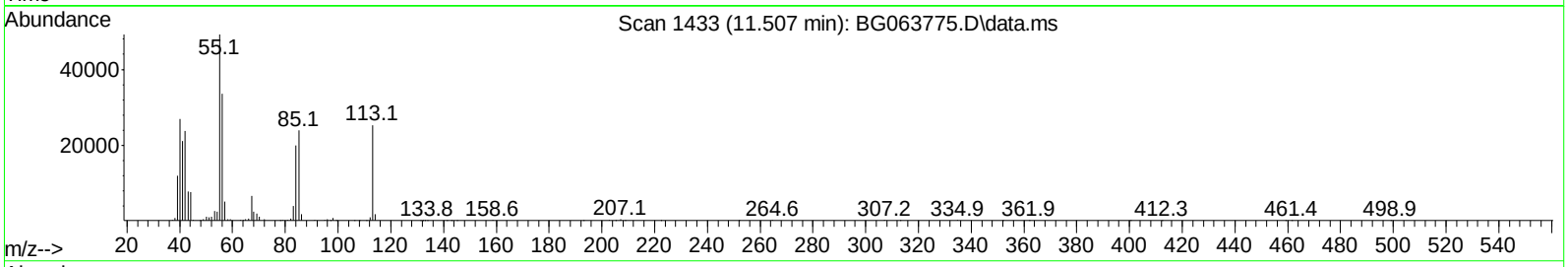

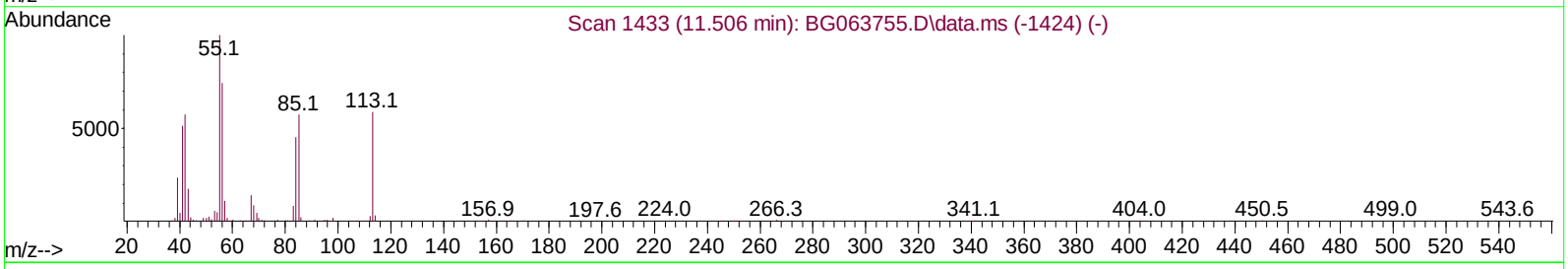

TIC: BG063775.D\data.ms

(34) Caprolactam

11.507min (-0.000) 34.49 ng/ul m

response 79532

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	194.38
56.00	133.90	132.63
0.00	0.00	0.00

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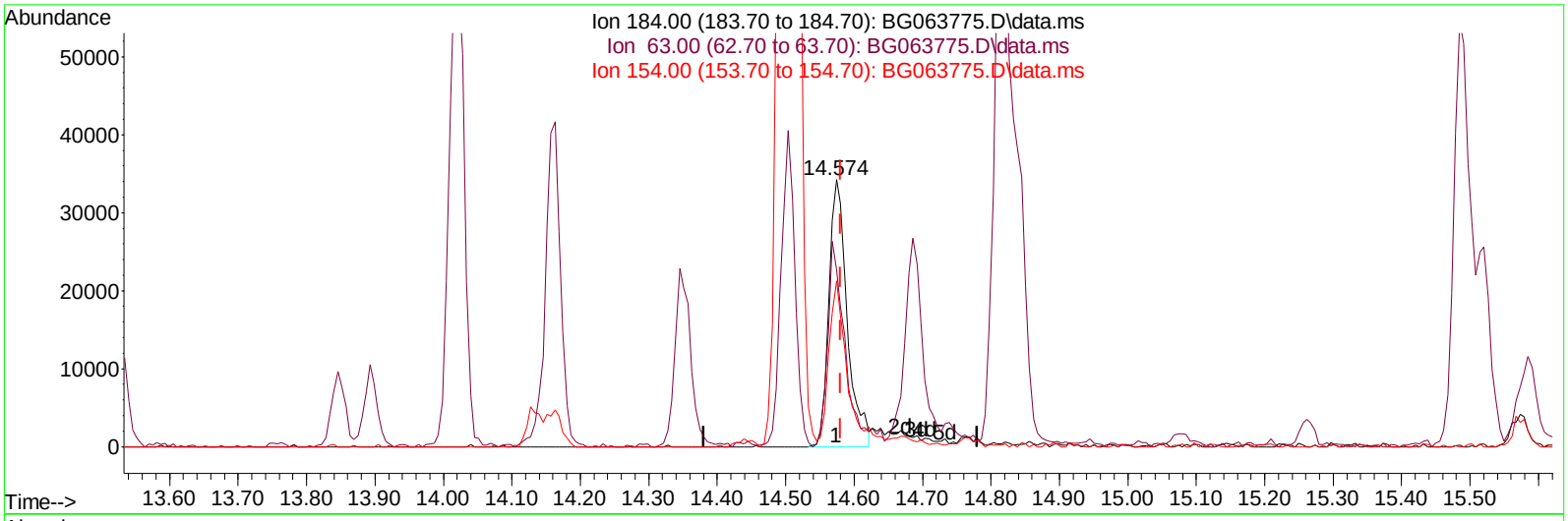

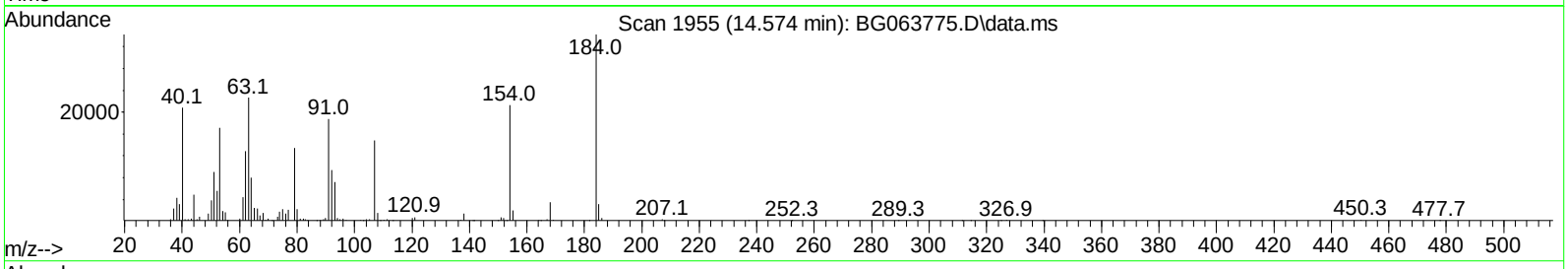

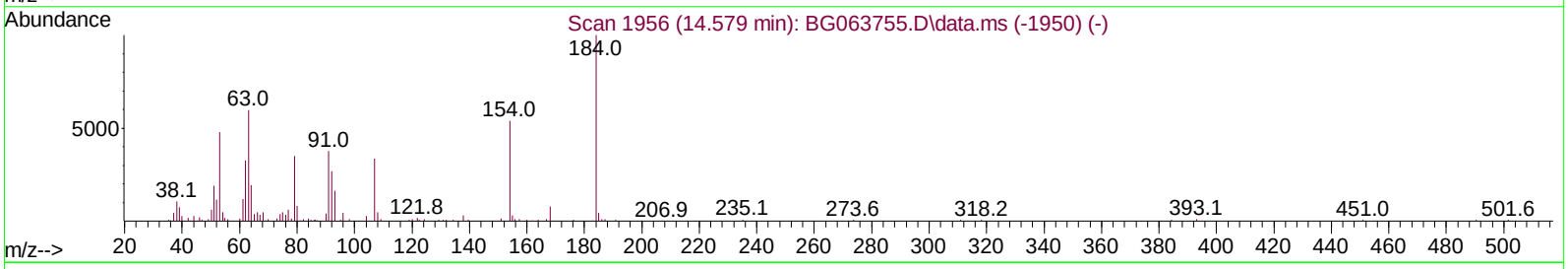

TIC: BG063775.D\data.ms

(53) 2,4-Dinitrophenol

14.574min (-0.006) 30.93 ng/ul

response 63383

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	65.10	66.20
154.00	59.70	62.20
0.00	0.00	0.00

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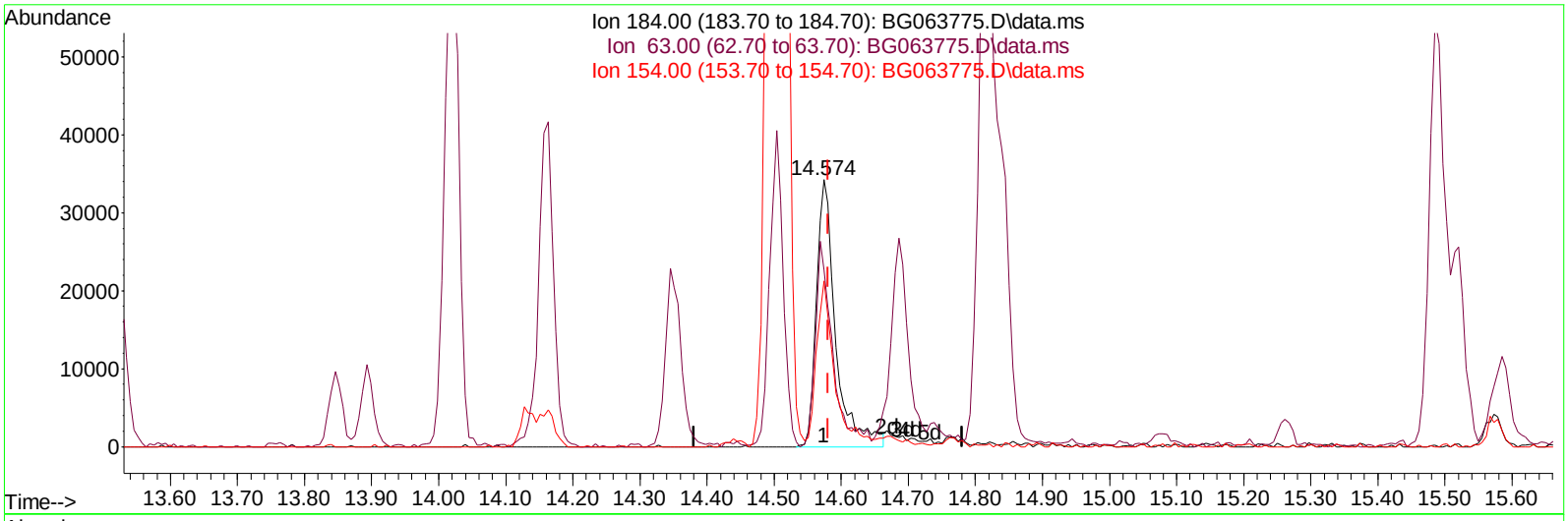

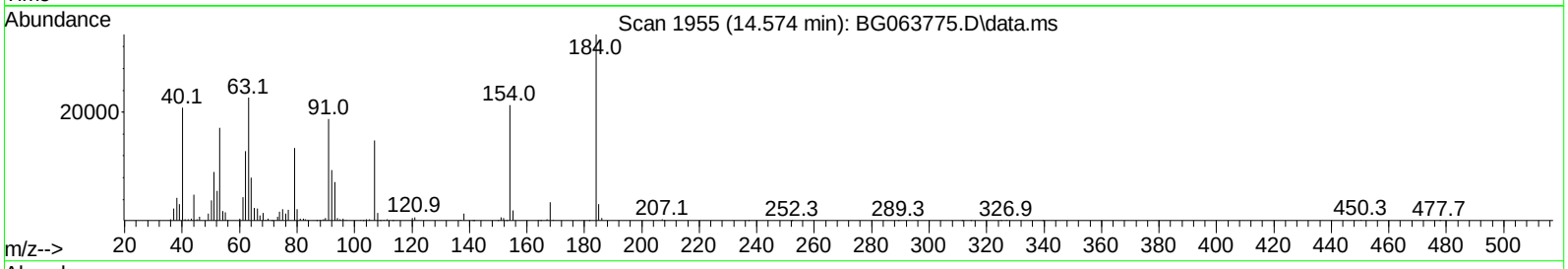

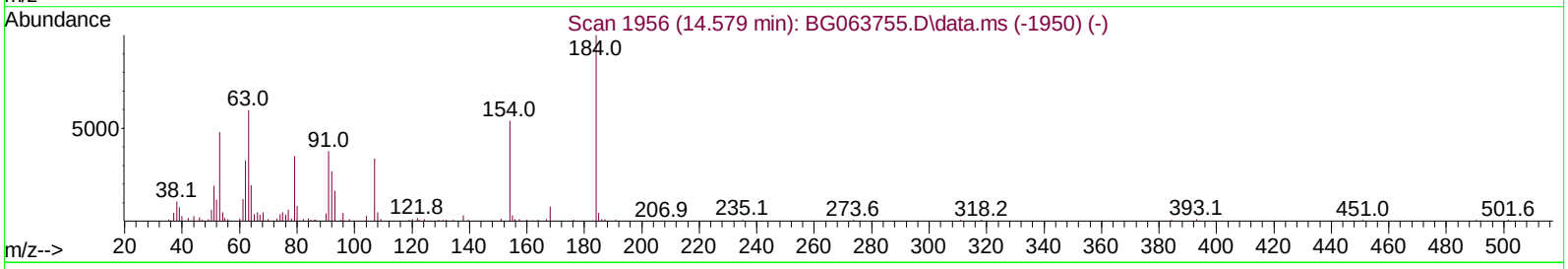

TIC: BG063775.D\data.ms

(53) 2,4-Dinitrophenol

14.574min (-0.006) 33.24 ng/ul m

response 68130

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	65.10	66.20
154.00	59.70	62.20
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	110082	20.000	ng/ul	0.00
20) Naphthalene-d8	10.591	136	433298	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.439	164	316651	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.195	188	835264	20.000	ng/ul	-0.01
79) Chrysene-d12	21.443	240	973037	20.000	ng/ul	-0.02
88) Perylene-d12	24.457	264	1011643	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	17286	6.154	ng/uL	-0.01
4) Pyridine-d5	3.675	84	265820	29.997	ng/ul	-0.01
7) Phenol-d5	6.989	99	318675	31.432	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.136	67	200285	28.603	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.341	132	207597	31.628	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	241925	30.735	ng/ul	0.00
21) Nitrobenzene-d5	8.957	128	99930	32.300	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.680	143	112361	32.400	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.226	165	232180	34.580	ng/ul	0.00
31) 4-Chloroaniline-d4	10.726	131	247158	28.991	ng/ul	-0.02
46) Dimethylphthalate-d6	13.846	166	692716	32.150	ng/ul	-0.01
49) Acenaphthylene-d8	14.134	160	800639	32.597	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.674	143	110423	36.170	ng/ul	0.00
60) Fluorene-d10	15.438	176	646053	33.913	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.573	200	136664	31.513	ng/ul	0.00
73) Anthracene-d10	17.289	188	1184000	32.970	ng/ul	-0.02
81) Pyrene-d10	19.592	212	1513914	29.899	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.251	264	1531665	32.241	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	38548	11.595	ng/uL#	87
5) Pyridine	3.699	79	286038	30.136	ng/ul	87
6) Benzaldehyde	6.942	77	23724	3.815	ng/ul	96
8) Phenol	7.018	94	353995	32.762	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.230	93	246606	29.830	ng/ul	98
12) 2-Chlorophenol	7.377	128	220174	33.139	ng/ul	97
13) 2-Methylphenol	8.258	108	243113	31.130	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.317	45	364111	29.668	ng/ul#	96
16) Acetophenone	8.622	105	387432	29.019	ng/ul#	93
17) N-Nitroso-di-n-propyla...	8.605	70	220363	27.662	ng/ul	95
18) 4-Methylphenol	8.581	108	269025	31.475	ng/ul	99
19) Hexachloroethane	8.875	117	93827	28.741	ng/ul	97
22) Nitrobenzene	8.998	77	325636	31.520	ng/ul	97
23) Isophorone	9.521	82	588394	30.143	ng/ul#	98
25) 2-Nitrophenol	9.709	139	119768	33.604	ng/ul	91
26) 2,4-Dimethylphenol	9.780	107	273976	33.877	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.003	93	327222	30.993	ng/ul#	96
29) 2,4-Dichlorophenol	10.250	162	232967	34.919	ng/ul	96
30) Naphthalene	10.638	128	693822	32.027	ng/ul	98
32) 4-Chloroaniline	10.749	127	160649	19.805	ng/ul	96
33) Hexachlorobutadiene	10.926	225	161650	29.824	ng/ul	98
34) Caprolactam	11.507	113	79532m	34.486	ng/ul	
35) 4-Chloro-3-methylphenol	11.895	107	253903	32.416	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.253	142	484879	31.142	ng/ul	99
37)	1-Methylnaphthalene	12.477	142	492135	31.031	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.629	216	307068	30.292	ng/ul	97
40)	Hexachlorocyclopentadiene	12.606	237	75856	18.930	ng/ul	100
41)	2,4,6-Trichlorophenol	12.876	196	199849	34.882	ng/ul	97
42)	2,4,5-Trichlorophenol	12.958	196	210031	35.127	ng/ul	97
43)	1,1'-Biphenyl	13.270	154	669978	32.083	ng/ul	98
44)	2-Chloronaphthalene	13.311	162	537664	32.063	ng/ul	98
45)	2-Nitroaniline	13.523	65	195839	34.865	ng/ul	95
47)	Dimethylphthalate	13.893	163	708713	32.819	ng/ul	97
48)	2,6-Dinitrotoluene	14.022	165	144315	35.984	ng/ul#	92
50)	Acenaphthylene	14.163	152	861209	32.700	ng/ul	96
51)	3-Nitroaniline	14.351	138	145024	39.112	ng/ul	89
52)	Acenaphthene	14.504	153	604700	32.394	ng/ul	97
53)	2,4-Dinitrophenol	14.574	184	68130m	33.242	ng/ul	
55)	4-Nitrophenol	14.686	109	98480	31.066	ng/ul	91
56)	Dibenzofuran	14.844	168	895477	34.026	ng/ul	95
57)	2,4-Dinitrotoluene	14.815	165	227166	38.120	ng/ul#	94
58)	2,3,4,6-Tetrachlorophenol	15.079	232	189996	36.863	ng/ul	93
59)	Diethylphthalate	15.262	149	729530	34.946	ng/ul	97
61)	Fluorene	15.491	166	737871	35.113	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.485	204	393644	33.624	ng/ul	91
63)	4-Nitroaniline	15.520	138	175210	47.199	ng/ul	91
66)	4,6-Dinitro-2-methylph...	15.591	198	150580	33.704	ng/ul#	86
67)	N-Nitrosodiphenylamine	15.702	169	655325	32.400	ng/ul	98
68)	4-Bromophenyl-phenylether	16.378	248	262344	30.819	ng/ul	93
69)	Hexachlorobenzene	16.501	284	303404	31.812	ng/ul	98
70)	Atrazine	16.654	200	279270	32.663	ng/ul	96
71)	Pentachlorophenol	16.854	266	130487	32.450	ng/ul	92
72)	Phenanthrene	17.236	178	1365439	33.923	ng/ul	99
74)	Anthracene	17.324	178	1402059	34.415	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.235	216	307287	27.574	ng/ul	96
76)	Pentachlorobenzene	14.768	250	318971	28.891	ng/ul	99
77)	Carbazole	17.600	167	1266158	38.395	ng/ul	97
78)	Di-n-butylphthalate	18.158	149	1437959	36.106	ng/ul	99
80)	Fluoranthene	19.257	202	1799151	31.262	ng/ul	98
82)	Pyrene	19.621	202	1919131	31.343	ng/ul#	95
83)	Butylbenzylphthalate	20.514	149	675921	35.961	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.343	252	562037	31.997	ng/ul	96
85)	Benzo(a)anthracene	21.425	228	1955303	32.064	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.337	149	1006978	36.829	ng/ul	98
87)	Chrysene	21.484	228	1864147	32.074	ng/ul	96
89)	Di-n-octyl phthalate	22.465	149	1729998	39.620	ng/ul	100
90)	Benzo(b)fluoranthene	23.505	252	1900964	33.062	ng/ul	99
91)	Benzo(k)fluoranthene	23.564	252	1947531	33.957	ng/ul	98
93)	Benzo(a)pyrene	24.322	252	1793263	33.228	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	27.859	276	2232978	33.880	ng/ul	96
95)	Dibenzo(a,h)anthracene	27.906	278	1796211	34.060	ng/ul	96
96)	Benzo(g,h,i)perylene	28.916	276	1722306	32.931	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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