Quantitation Report (Qedit)

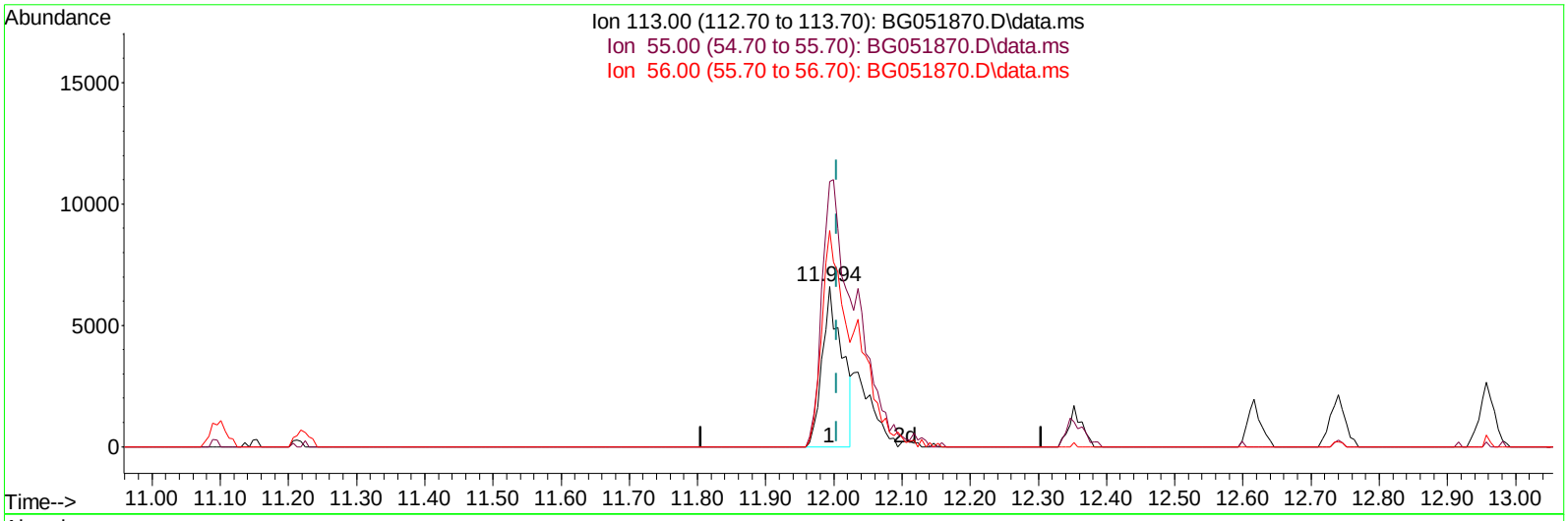
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010422\
Data File : BG051870.D
Acq On : 4 Jan 2022 14:53
Operator : CG/JU
Sample : PB141818BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

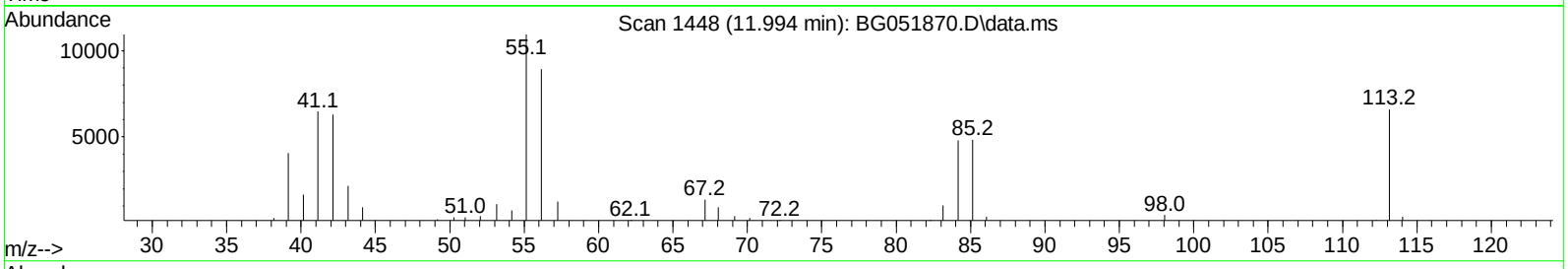
Quant Time: Jan 04 16:11:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 31 00:13:36 2021
Response via : Initial Calibration

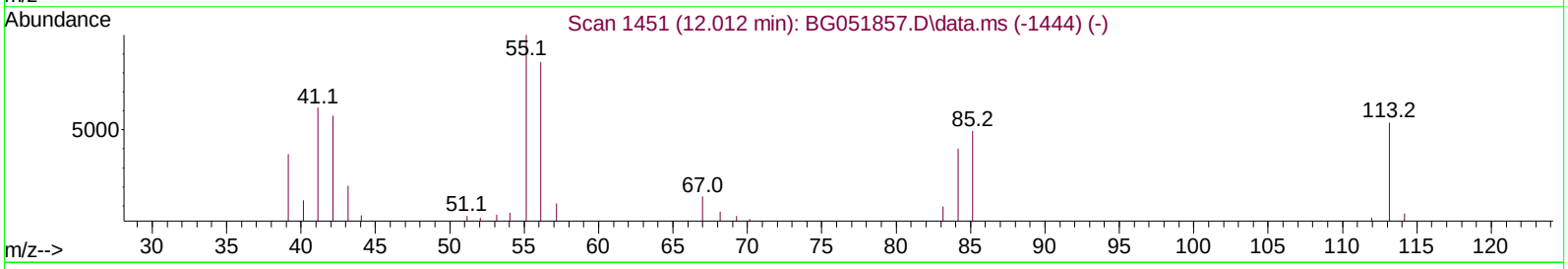
Instrument :
BNA_G
ClientSampleId :
SLCS818

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/04/2022
Supervised By :Yogesh Patel 01/08/2022







TIC: BG051870.D\data.ms

(34) Caprolactam

11.994min (-0.011) 25.58 ng/ul

response 13274

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	165.65
56.00	136.50	134.95
0.00	0.00	0.00

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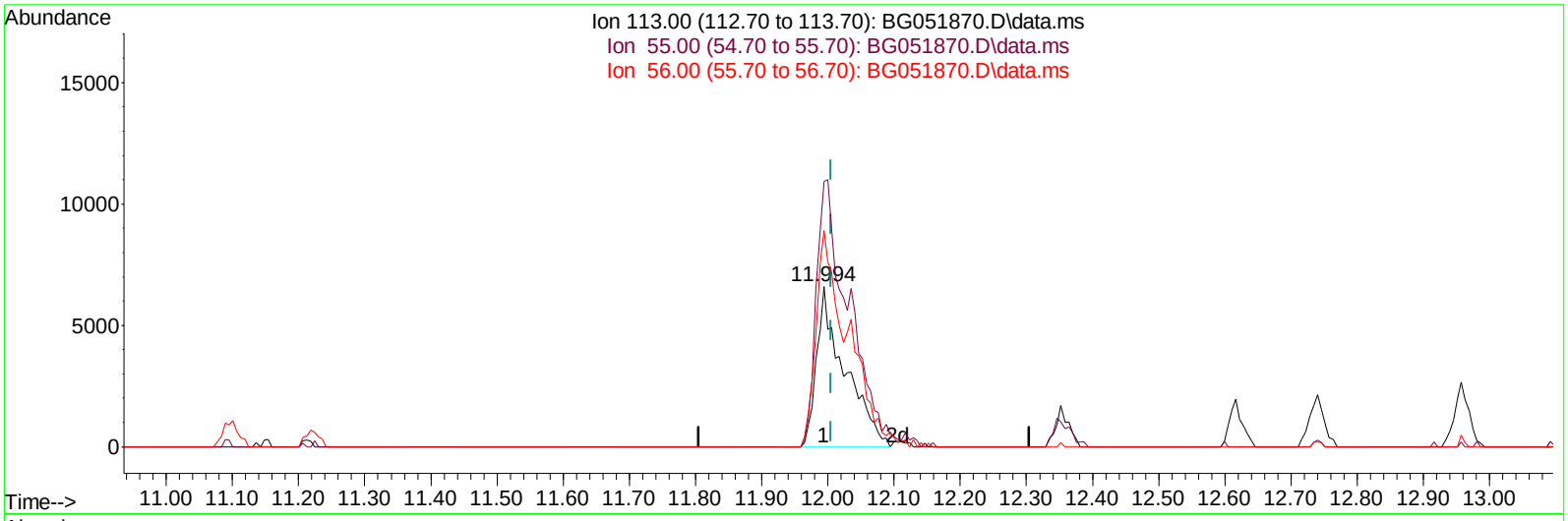

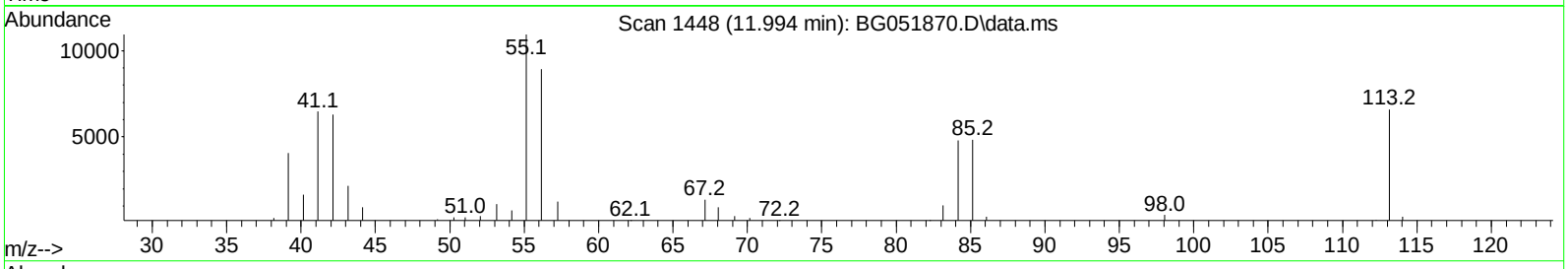

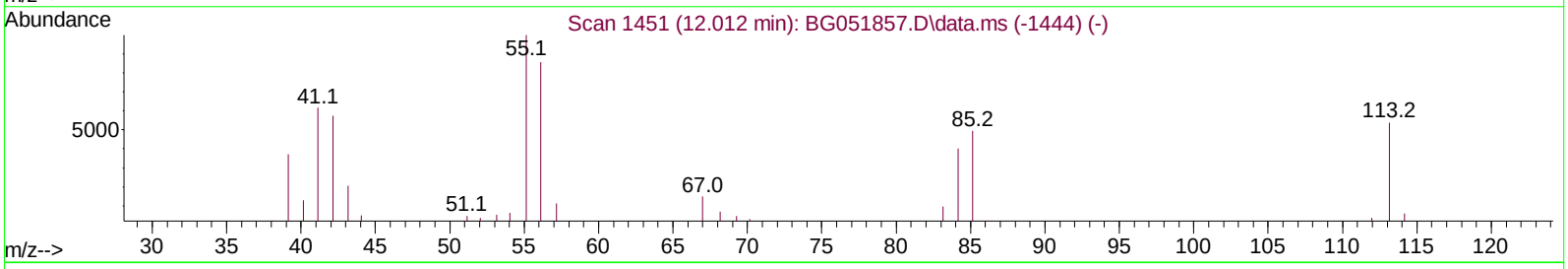

TIC: BG051870.D\data.ms

(34) Caprolactam

11.994min (-0.011) 37.60 ng/ul m

response 19513

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	165.65
56.00	136.50	134.95
0.00	0.00	0.00

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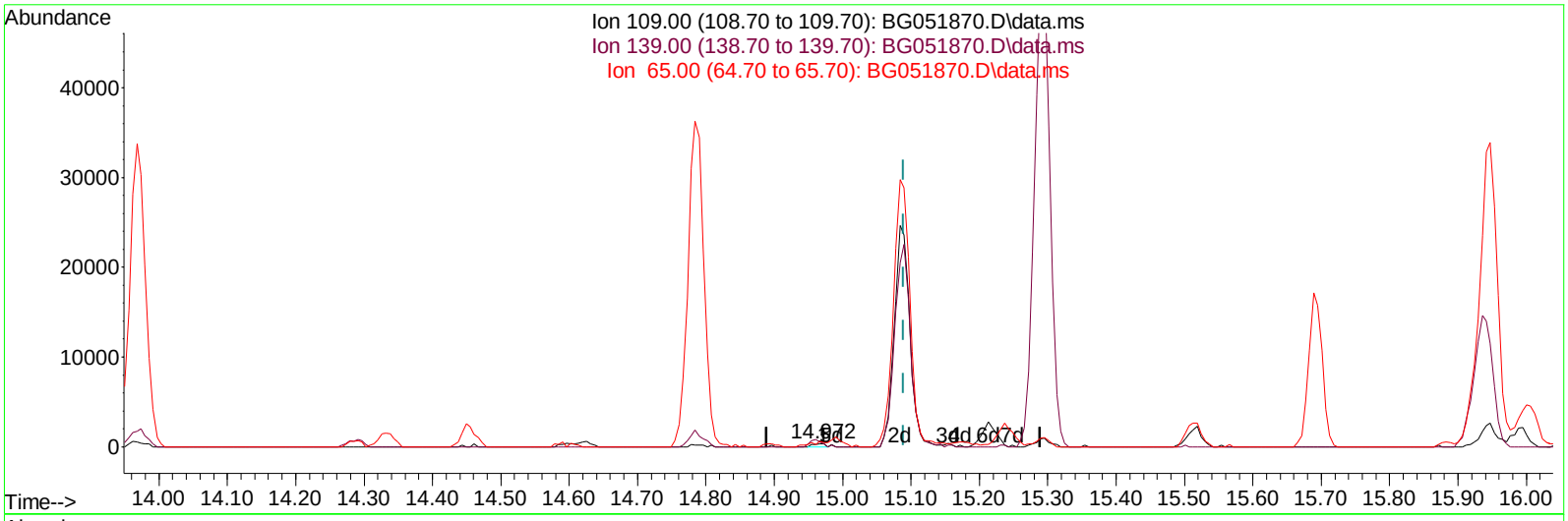

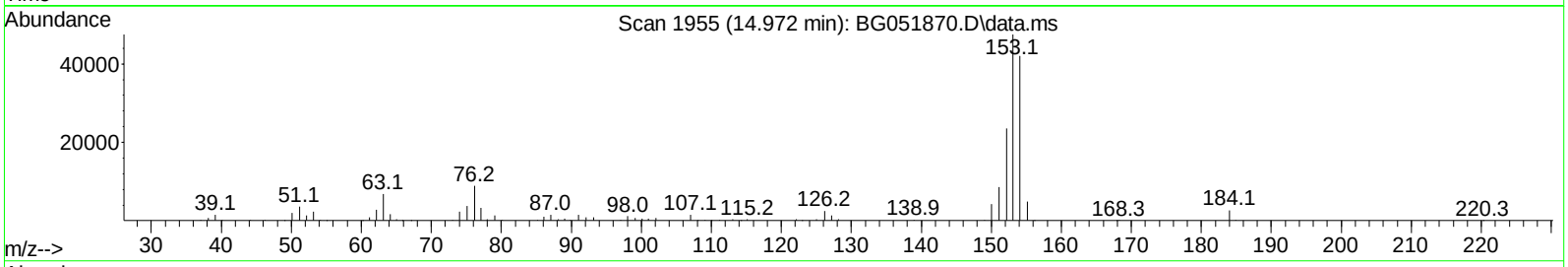

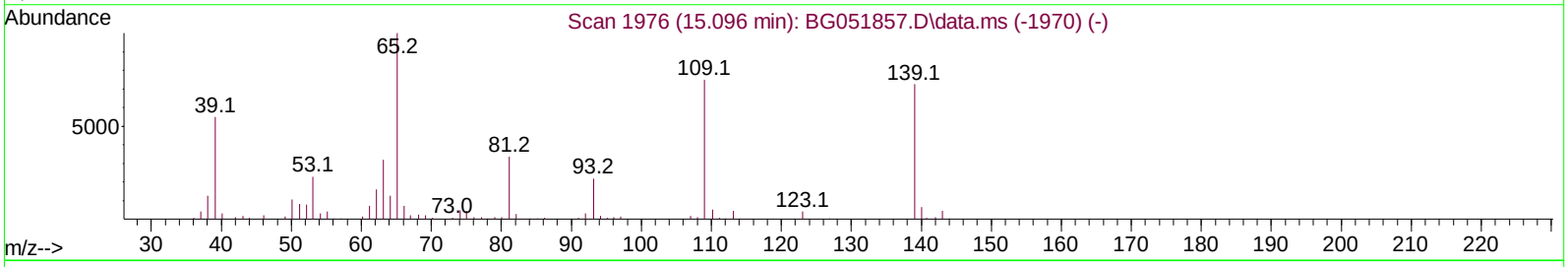

TIC: BG051870.D\data.ms

(55) 4-Nitrophenol

14.972min (-0.117) 0.37 ng/ul

response 406

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	110.90	92.70
65.00	142.00	124.44
0.00	0.00	0.00

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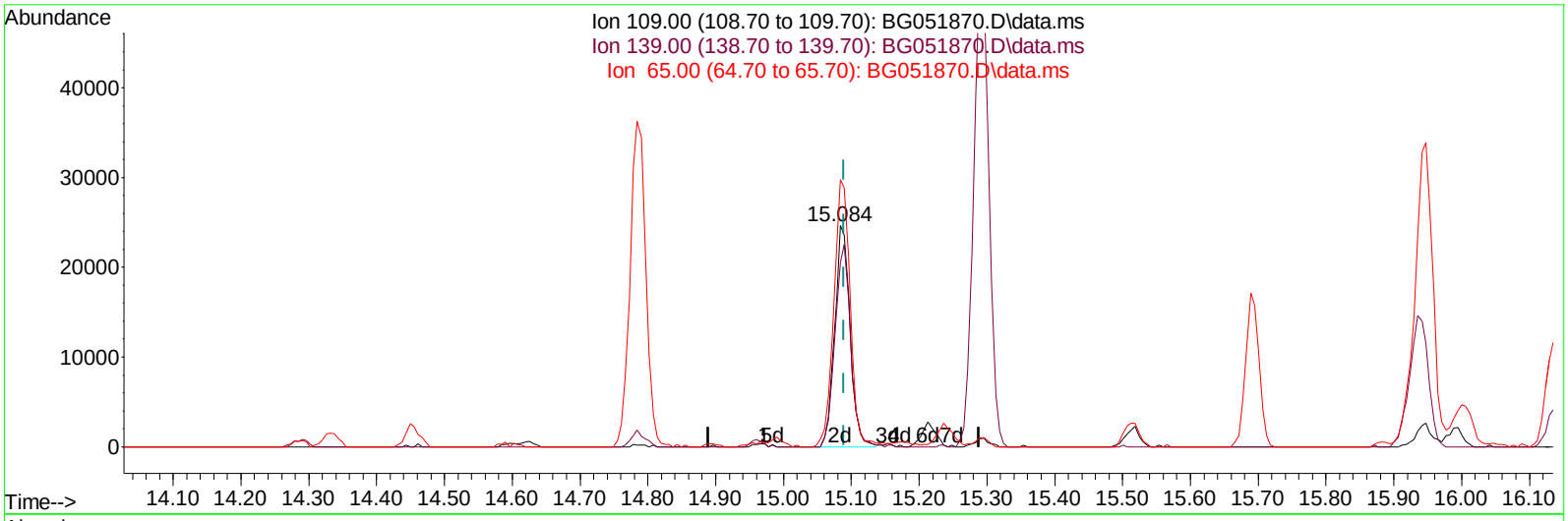

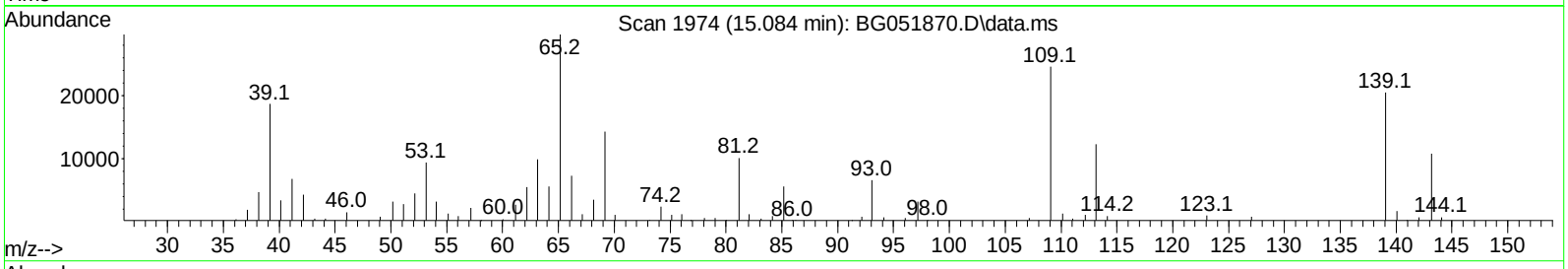

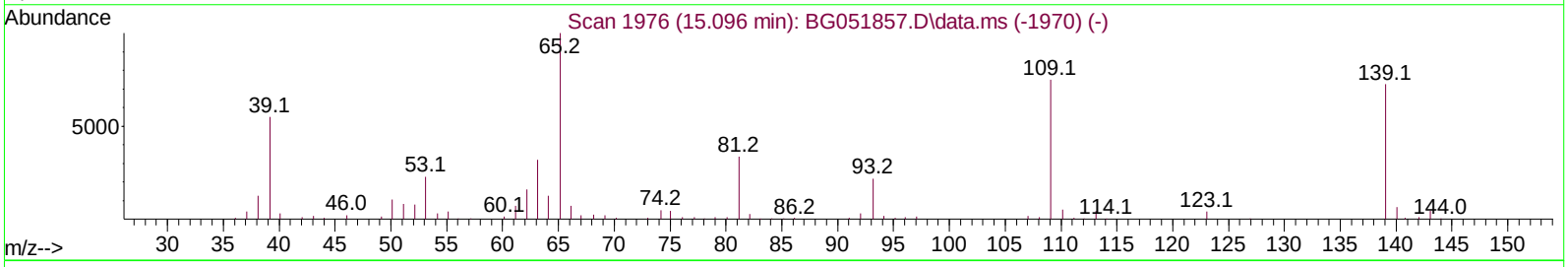

TIC: BG051870.D\data.ms

(55) 4-Nitrophenol

15.084min (-0.005) 34.96 ng/ul m

response 38807

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	110.90	83.09#
65.00	142.00	120.68
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	23438	20.000	ng/ul	0.00
20) Naphthalene-d8	11.095	136	103657	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.896	164	79481	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.645	188	212355	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.957	240	208729	20.000	ng/ul	#-0.01
88) Perylene-d12	25.440	264	211615	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.588	96	3609	6.395	ng/uL	0.00
4) Pyridine-d5	4.016	84	54944	32.222	ng/ul	0.00
7) Phenol-d5	7.400	99	70632	33.751	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.565	67	44048	35.407	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.788	132	46883	32.212	ng/ul	0.00
15) 4-Methylphenol-d8	8.963	113	52804	32.643	ng/ul	0.00
21) Nitrobenzene-d5	9.433	128	24429	32.145	ng/ul	0.00
24) 2-Nitrophenol-d4	10.161	143	26982	32.478	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.707	165	53653	29.781	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.224	131	64088	27.018	ng/ul	0.00
46) Dimethylphthalate-d6	14.291	166	194745	30.612	ng/ul	0.00
49) Acenaphthylene-d8	14.590	160	239081	30.260	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.072	143	33842	32.713	ng/ul	0.00
60) Fluorene-d10	15.883	176	178195	31.265	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.988	200	38967	35.220	ng/ul	0.00
73) Anthracene-d10	17.745	188	301843	29.797	ng/ul	0.00
81) Pyrene-d10	20.018	212	395610	31.492	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.200	264	350563	31.485	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.623	88	8288	14.071	ng/uL#	84
5) Pyridine	4.034	79	56554	33.060	ng/ul	96
6) Benzaldehyde	7.382	77	45972	35.210	ng/ul	95
8) Phenol	7.424	94	66215	31.821	ng/ul#	81
10) Bis(2-Chloroethyl)ether	7.659	93	48858	30.777	ng/ul	93
12) 2-Chlorophenol	7.817	128	44662	29.914	ng/ul	96
13) 2-Methylphenol	8.698	108	50563	32.205	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.786	45	82262	38.202	ng/ul	96
16) Acetophenone	9.086	105	77683	30.572	ng/ul#	88
17) N-Nitroso-di-n-propyla...	9.063	70	50707	33.258	ng/ul	91
18) 4-Methylphenol	9.027	108	51064	30.859	ng/ul	94
19) Hexachloroethane	9.362	117	19678	30.207	ng/ul	85
22) Nitrobenzene	9.474	77	72133	32.633	ng/ul	94
23) Isophorone	10.002	82	134213	30.244	ng/ul#	98
25) 2-Nitrophenol	10.190	139	27413	30.869	ng/ul#	84
26) 2,4-Dimethylphenol	10.243	107	60692	28.366	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.478	93	69258	29.391	ng/ul	97
29) 2,4-Dichlorophenol	10.737	162	47416	27.661	ng/ul	89
30) Naphthalene	11.148	128	156663	28.053	ng/ul	97
32) 4-Chloroaniline	11.248	127	60745	25.079	ng/ul	99
33) Hexachlorobutadiene	11.436	225	41082	28.229	ng/ul	93
34) Caprolactam	11.994	113	19513m	37.599	ng/ul	
35) 4-Chloro-3-methylphenol	12.352	107	62812	32.703	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.740	142	112322	28.192	ng/ul	95
37) 1-Methylnaphthalene	12.957	142	119253	28.828	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.104	216	74725	27.029	ng/ul	99
40) Hexachlorocyclopentadiene	13.086	237	47482	23.654	ng/ul	96
41) 2,4,6-Trichlorophenol	13.333	196	50239	30.019	ng/ul	99
42) 2,4,5-Trichlorophenol	13.410	196	55800	31.813	ng/ul	99
43) 1,1'-Biphenyl	13.733	154	167359	27.489	ng/ul#	95
44) 2-Chloronaphthalene	13.780	162	132296	28.107	ng/ul	98
45) 2-Nitroaniline	13.968	65	53843	37.445	ng/ul	93
47) Dimethylphthalate	14.332	163	183875	29.772	ng/ul	99
48) 2,6-Dinitrotoluene	14.455	165	40292	34.126	ng/ul#	93
50) Acenaphthylene	14.620	152	221453	28.648	ng/ul	96
51) 3-Nitroaniline	14.784	138	34315	30.395	ng/ul	89
52) Acenaphthene	14.960	153	146375	28.663	ng/ul	98
53) 2,4-Dinitrophenol	14.990	184	20458	29.975	ng/ul	90
55) 4-Nitrophenol	15.084	109	38807m	34.963	ng/ul	
56) Dibenzofuran	15.295	168	213503	28.388	ng/ul	99
57) 2,4-Dinitrotoluene	15.242	165	57378	34.288	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.513	232	53469	32.076	ng/ul	91
59) Diethylphthalate	15.695	149	193604	30.092	ng/ul	97
61) Fluorene	15.941	166	182907	29.516	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.924	204	100986	29.258	ng/ul	94
63) 4-Nitroaniline	15.947	138	39487	34.103	ng/ul	87
66) 4,6-Dinitro-2-methylph...	16.006	198	33877	31.178	ng/ul#	95
67) N-Nitrosodiphenylamine	16.135	169	160494	28.099	ng/ul	97
68) 4-Bromophenyl-phenylether	16.823	248	71537	33.079	ng/ul#	89
69) Hexachlorobenzene	16.952	284	79579	29.283	ng/ul#	92
70) Atrazine	17.075	200	76038	29.668	ng/ul	98
71) Pentachlorophenol	17.287	266	42768	25.685	ng/ul	96
72) Phenanthrene	17.686	178	317822	29.098	ng/ul	98
74) Anthracene	17.780	178	317262	28.752	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.703	216	81492	24.945	ng/uL	99
76) Pentachlorobenzene	15.213	250	85561	27.397	ng/uL	98
77) Carbazole	18.039	167	293825	29.737	ng/ul	98
78) Di-n-butylphthalate	18.585	149	348684	29.323	ng/ul	99
80) Fluoranthene	19.683	202	430264	29.839	ng/ul#	90
82) Pyrene	20.048	202	416874	29.213	ng/ul#	89
83) Butylbenzylphthalate	20.917	149	150678	31.485	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.839	252	130008	26.428	ng/ul#	96
85) Benzo(a)anthracene	21.939	228	408375	30.072	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.822	149	208286	31.071	ng/ul#	98
87) Chrysene	22.010	228	391389	29.833	ng/ul	98
89) Di-n-octyl phthalate	23.120	149	345476	30.310	ng/ul	100
90) Benzo(b)fluoranthene	24.330	252	426786	30.110	ng/ul#	96
91) Benzo(k)fluoranthene	24.401	252	382443	28.812	ng/ul#	95
93) Benzo(a)pyrene	25.276	252	394948	29.524	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.447	276	453710	31.066	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.523	278	378100	30.312	ng/ul#	93
96) Benzo(g,h,i)perylene	30.704	276	383360	30.975	ng/ul#	89

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

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