Quantitation Report (Qedit)

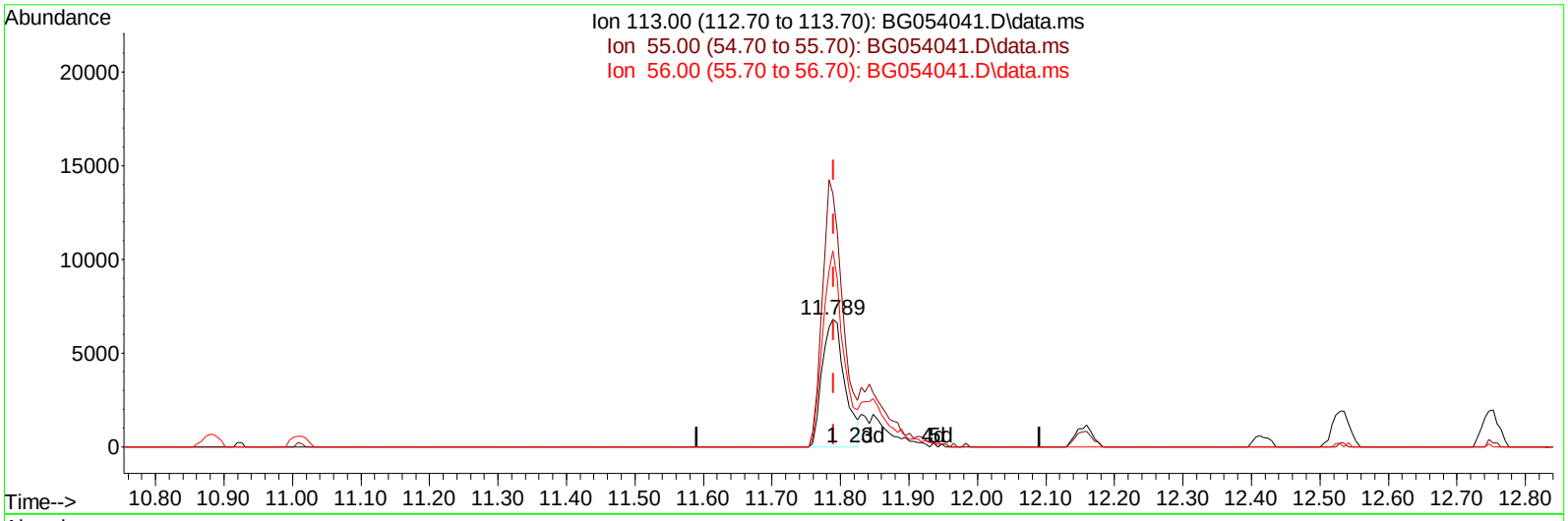
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
Data File : BG054041.D
Acq On : 24 Jun 2022 9:52
Operator : CG/JU
Sample : PB145702BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

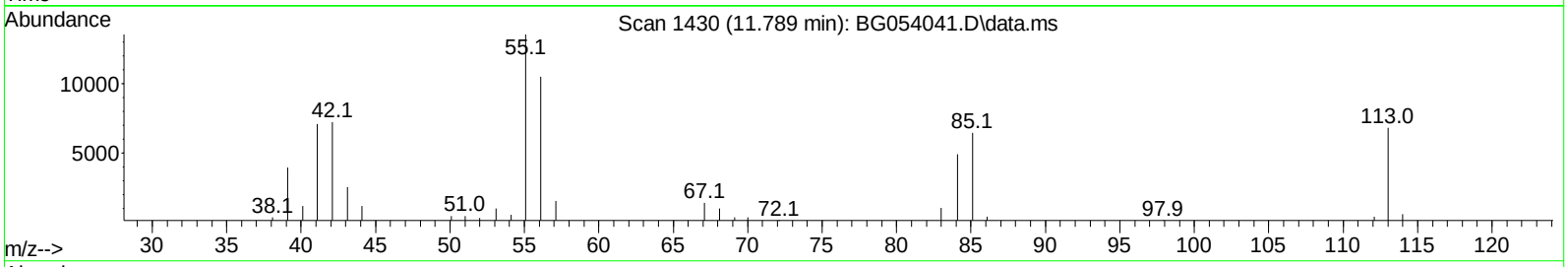
Quant Time: Jun 24 23:52:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 20 15:29:13 2022
Response via : Initial Calibration

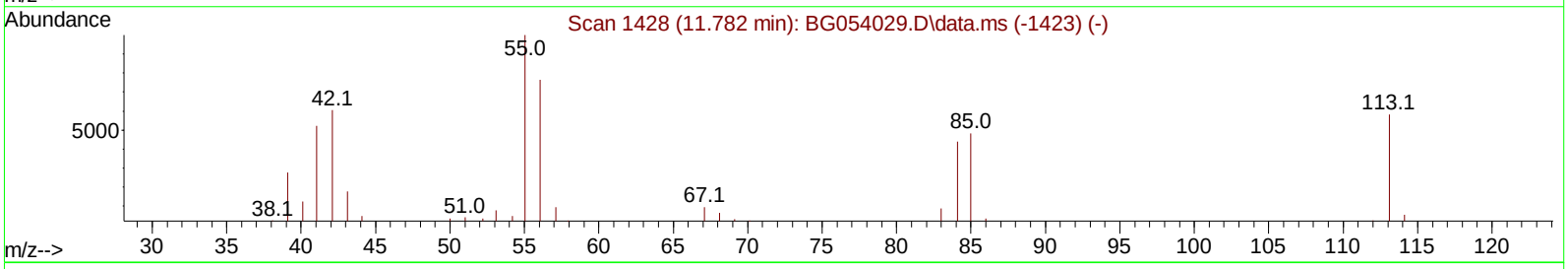
Instrument :
BNA_G
ClientSampleId :
SLCS702

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :mohammad ahmed 06/29/2022







TIC: BG054041.D\data.ms

(34) Caprolactam

11.789min (-0.001) 30.02 ng/ul

response 15424

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.70	198.84
56.00	159.50	153.98
0.00	0.00	0.00

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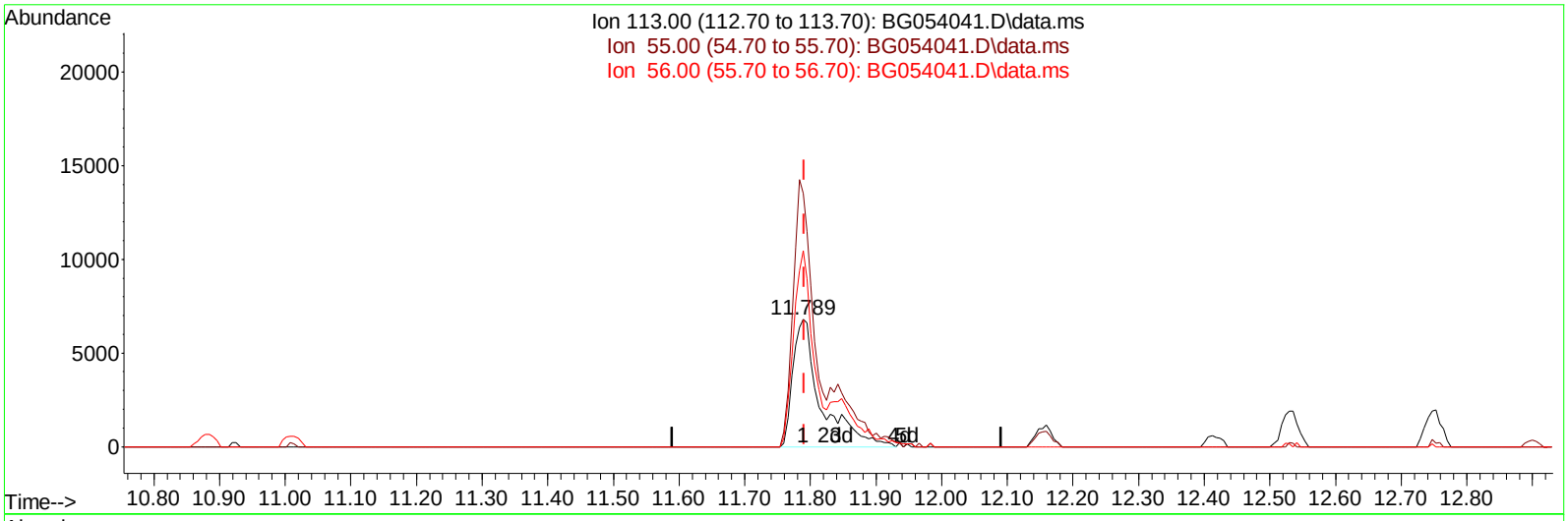

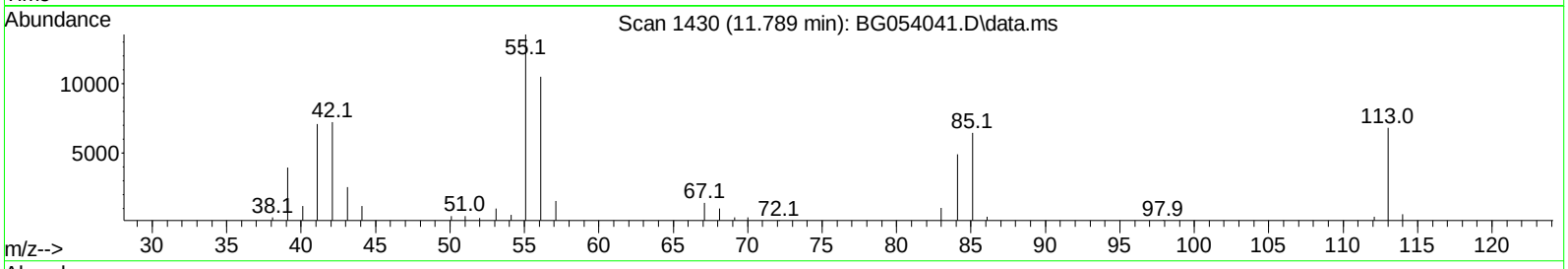

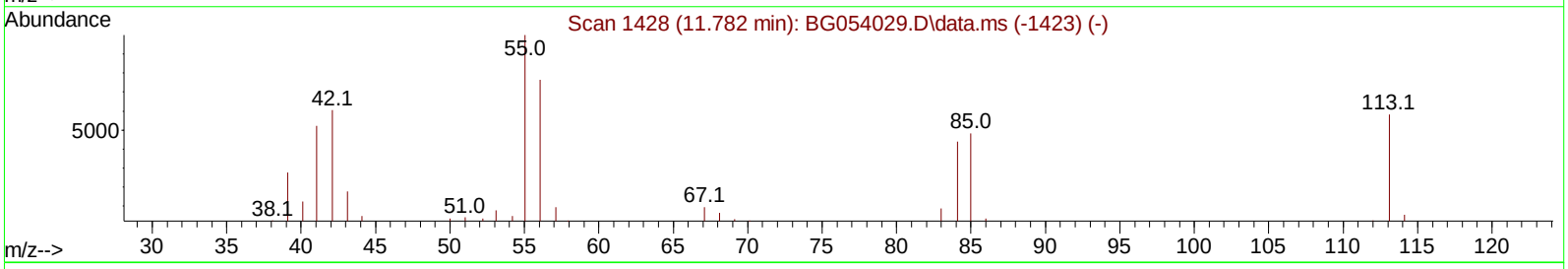

TIC: BG054041.D\data.ms

(34) Caprolactam

11.789min (-0.001) 39.48 ng/ul m

response 20284

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.70	198.84
56.00	159.50	153.98
0.00	0.00	0.00

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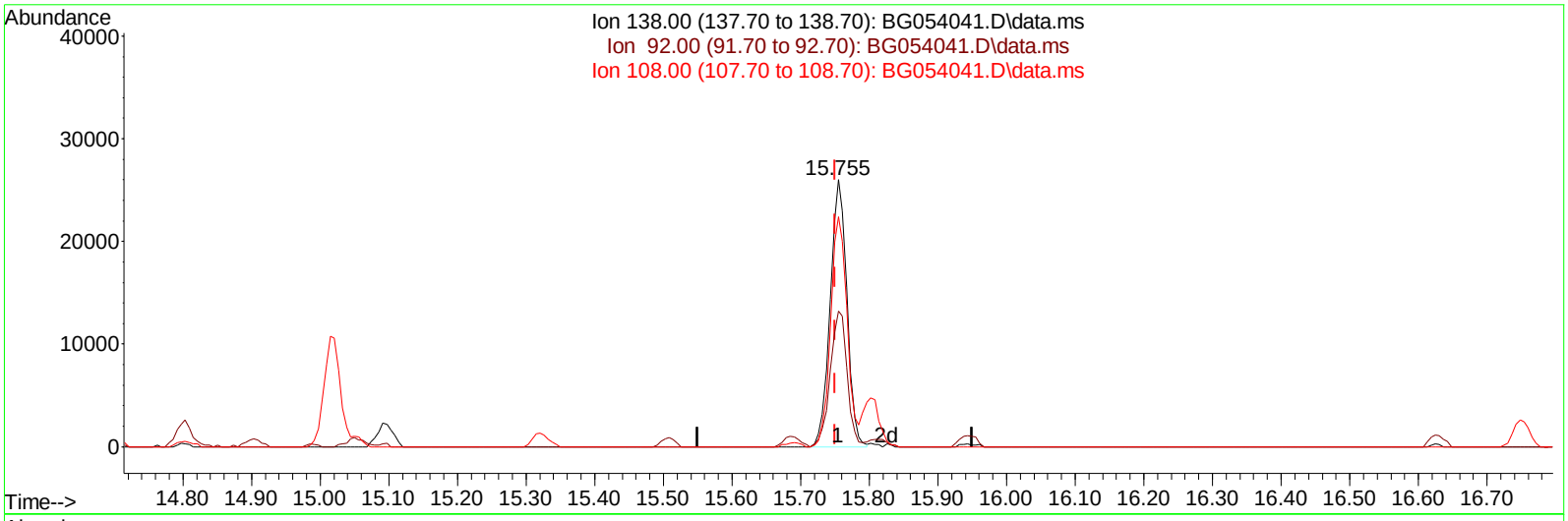

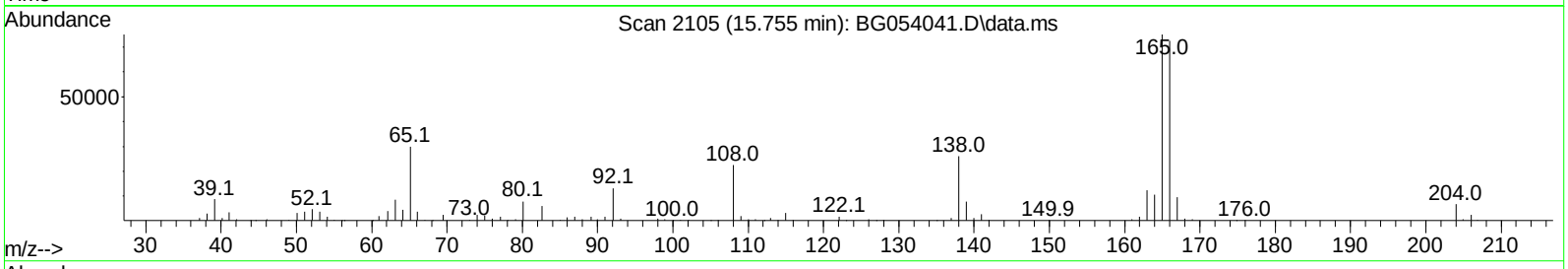

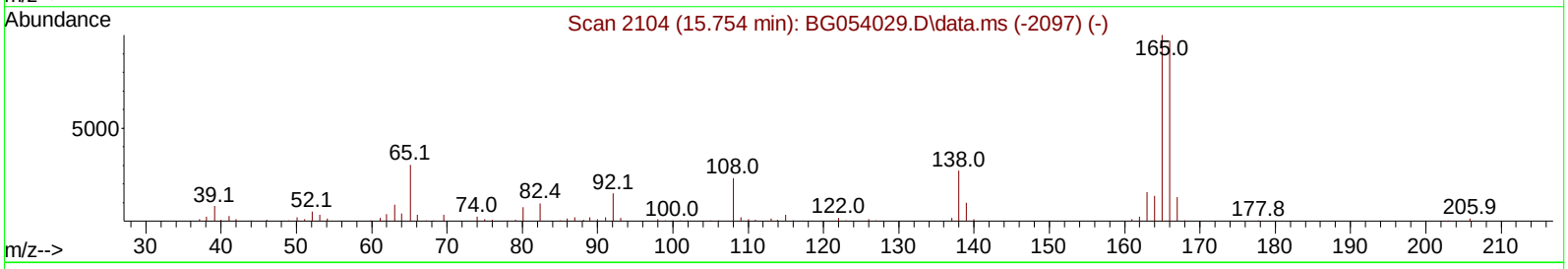

TIC: BG054041.D\data.ms

(63) 4-Nitroaniline

15.755min (+ 0.005) 48.00 ng/ul

response 44017

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.50	50.72
108.00	98.80	86.15
0.00	0.00	0.00

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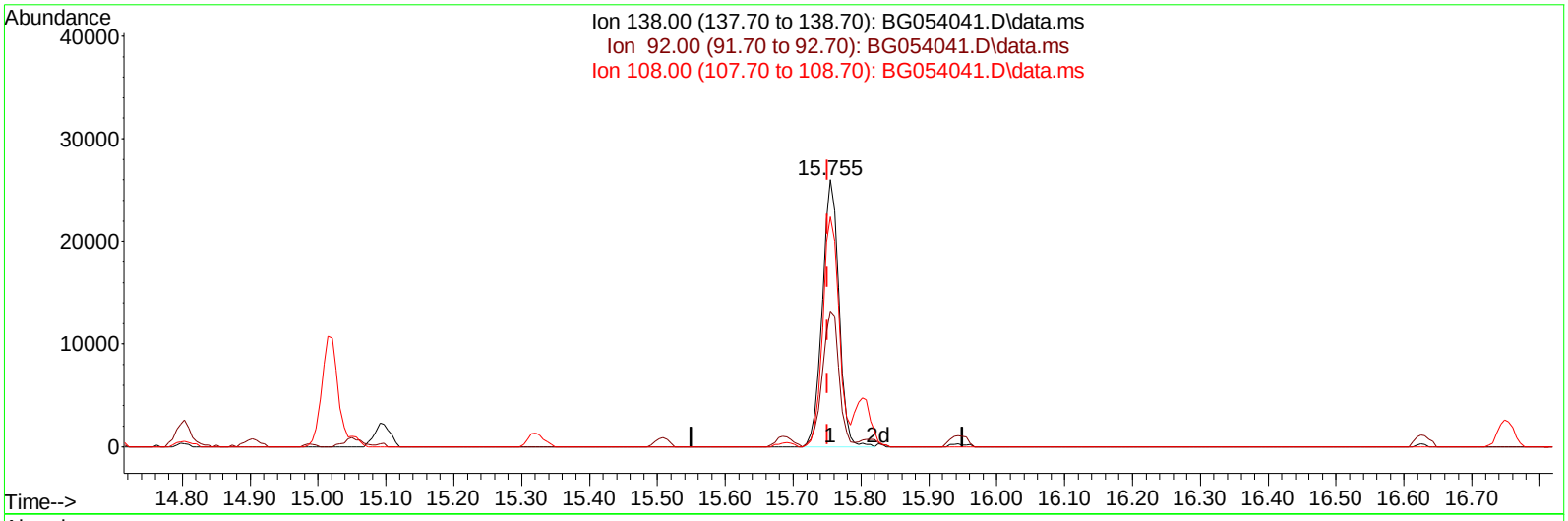

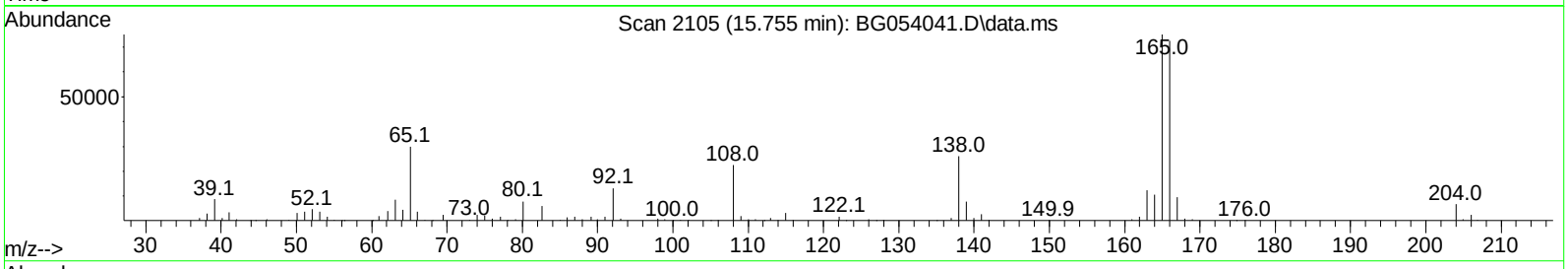

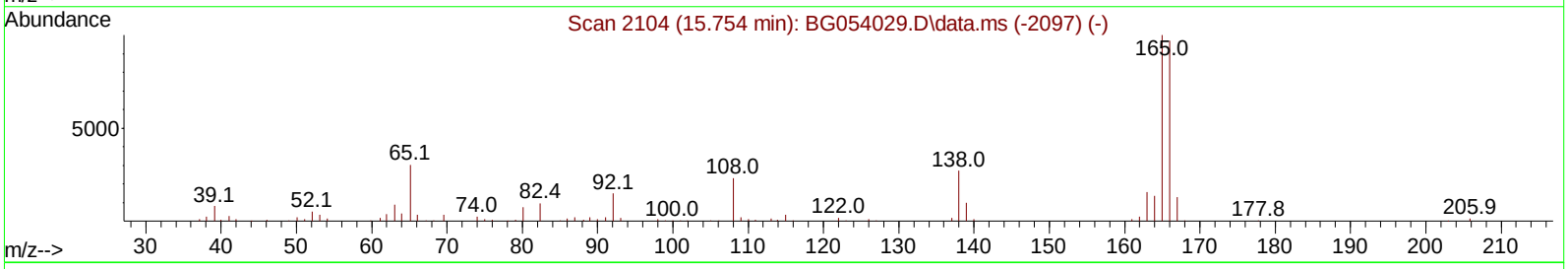

TIC: BG054041.D\data.ms

(63) 4-Nitroaniline

15.755min (+ 0.005) 48.31 ng/ul m

response 44302

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.50	50.72
108.00	98.80	86.15
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	8.076	152	21533	20.000	ng/ul	0.00
20) Naphthalene-d8	10.884	136	98664	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	77251	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.441	188	195609	20.000	ng/ul	0.00
79) Chrysene-d12	21.719	240	204697	20.000	ng/ul	0.00
88) Perylene-d12	24.974	264	206597	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.493	96	3064	6.770	ng/uL	-0.01
4) Pyridine-d5	3.904	84	46981	38.167	ng/ul	-0.01
7) Phenol-d5	7.230	99	69053	44.763	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.394	67	40249	43.252	ng/ul	0.00
11) 2-Chlorophenol-d4	7.606	132	52625	42.779	ng/ul	0.00
15) 4-Methylphenol-d8	8.781	113	60020	45.631	ng/ul	0.00
21) Nitrobenzene-d5	9.233	128	27404	37.420	ng/ul	0.00
24) 2-Nitrophenol-d4	9.956	143	32001	41.126	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.502	165	67724	39.339	ng/ul	0.00
31) 4-Chloroaniline-d4	11.008	131	79535	36.570	ng/ul	0.00
46) Dimethylphthalate-d6	14.098	166	230451	37.920	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	255633	38.683	ng/ul	0.00
54) 4-Nitrophenol-d4	14.891	143	34675	41.670	ng/ul	0.01
60) Fluorene-d10	15.690	176	205071	37.567	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.802	200	44658	41.851	ng/ul	0.00
73) Anthracene-d10	17.541	188	338383	38.305	ng/ul	0.00
81) Pyrene-d10	19.827	212	430426	40.329	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.750	264	418570	40.137	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.528	88	7150	14.478	ng/uL#	78
5) Pyridine	3.922	79	47529	37.232	ng/ul	95
6) Benzaldehyde	7.206	77	45663	58.128	ng/ul	96
8) Phenol	7.259	94	69355	43.087	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.488	93	50682	41.568	ng/ul	89
12) 2-Chlorophenol	7.635	128	50298	40.046	ng/ul	97
13) 2-Methylphenol	8.511	108	52763	42.228	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.599	45	81367	44.927	ng/ul	99
16) Acetophenone	8.893	105	83380	40.989	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.881	70	45019	43.414	ng/ul	97
18) 4-Methylphenol	8.840	108	57824	43.260	ng/ul	93
19) Hexachloroethane	9.163	117	19830	37.259	ng/ul	92
22) Nitrobenzene	9.274	77	64329	36.878	ng/ul	93
23) Isophorone	9.797	82	126477	37.396	ng/ul	99
25) 2-Nitrophenol	9.991	139	31171	38.204	ng/ul	95
26) 2,4-Dimethylphenol	10.044	107	64246	36.060	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.279	93	75238	39.517	ng/ul	96
29) 2,4-Dichlorophenol	10.526	162	62827	36.493	ng/ul	96
30) Naphthalene	10.931	128	177265	36.218	ng/ul	99
32) 4-Chloroaniline	11.031	127	75190	34.863	ng/ul	98
33) Hexachlorobutadiene	11.219	225	46578	27.699	ng/ul	99
34) Caprolactam	11.789	113	20284m	39.482	ng/ul	
35) 4-Chloro-3-methylphenol	12.153	107	66409	40.112	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.529	142	128741	35.558	ng/ul	95
37) 1-Methylnaphthalene	12.747	142	132208	36.615	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.900	216	97537	31.062	ng/ul	96
40) Hexachlorocyclopentadiene	12.882	237	47188	26.795	ng/ul#	83
41) 2,4,6-Trichlorophenol	13.135	196	59189	36.319	ng/ul	97
42) 2,4,5-Trichlorophenol	13.211	196	66293	35.982	ng/ul	99
43) 1,1'-Biphenyl	13.534	154	191289	35.727	ng/ul	100
44) 2-Chloronaphthalene	13.575	162	157055	35.322	ng/ul	98
45) 2-Nitroaniline	13.775	65	46837	41.871	ng/ul	94
47) Dimethylphthalate	14.145	163	212491	36.378	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	46182	39.312	ng/ul	94
50) Acenaphthylene	14.421	152	244261	35.998	ng/ul	99
51) 3-Nitroaniline	14.592	138	41742	43.771	ng/ul#	94
52) Acenaphthene	14.762	153	170447	37.617	ng/ul	99
53) 2,4-Dinitrophenol	14.803	184	20951	38.497	ng/ul#	57
55) 4-Nitrophenol	14.903	109	27957	34.273	ng/ul	96
56) Dibenzofuran	15.097	168	247468	35.694	ng/ul	98
57) 2,4-Dinitrotoluene	15.050	165	66713	39.149	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.320	232	60568	37.833	ng/ul#	97
59) Diethylphthalate	15.508	149	213392	37.259	ng/ul	99
61) Fluorene	15.743	166	203871	36.105	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.732	204	119549	33.298	ng/ul	97
63) 4-Nitroaniline	15.755	138	44302m	48.313	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.820	198	39980	39.031	ng/ul#	99
67) N-Nitrosodiphenylamine	15.943	169	185039	38.693	ng/ul	95
68) 4-Bromophenyl-phenylether	16.625	248	84949	34.962	ng/ul	98
69) Hexachlorobenzene	16.754	284	95181	33.423	ng/ul	95
70) Atrazine	16.889	200	85016	36.195	ng/ul	97
71) Pentachlorophenol	17.095	266	42413	35.138	ng/ul	94
72) Phenanthrene	17.483	178	363145	37.472	ng/ul	99
74) Anthracene	17.576	178	360982	36.960	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.499	216	107142	32.159	ng/uL	96
76) Pentachlorobenzene	15.021	250	103593	33.807	ng/uL	92
77) Carbazole	17.841	167	313759	38.965	ng/ul	99
78) Di-n-butylphthalate	18.399	149	380122	41.462	ng/ul	99
80) Fluoranthene	19.492	202	466970	39.193	ng/ul	97
82) Pyrene	19.856	202	465637	39.309	ng/ul	99
83) Butylbenzylphthalate	20.732	149	168905	47.315	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.607	252	170410	40.228	ng/ul	98
85) Benzo(a)anthracene	21.695	228	487214	38.615	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.601	149	240823	46.166	ng/ul	99
87) Chrysene	21.766	228	461740	38.146	ng/ul	99
89) Di-n-octyl phthalate	22.829	149	413442	46.597	ng/ul	100
90) Benzo(b)fluoranthene	23.940	252	490914	38.482	ng/ul	99
91) Benzo(k)fluoranthene	24.010	252	493536	40.404	ng/ul	100
93) Benzo(a)pyrene	24.821	252	432399	35.187	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.699	276	587543	39.740	ng/ul	99
95) Dibenzo(a,h)anthracene	28.758	278	477432	38.372	ng/ul	98
96) Benzo(g,h,i)perylene	29.856	276	471826	37.797	ng/ul	99

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

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