Quantitation Report (Qedit)

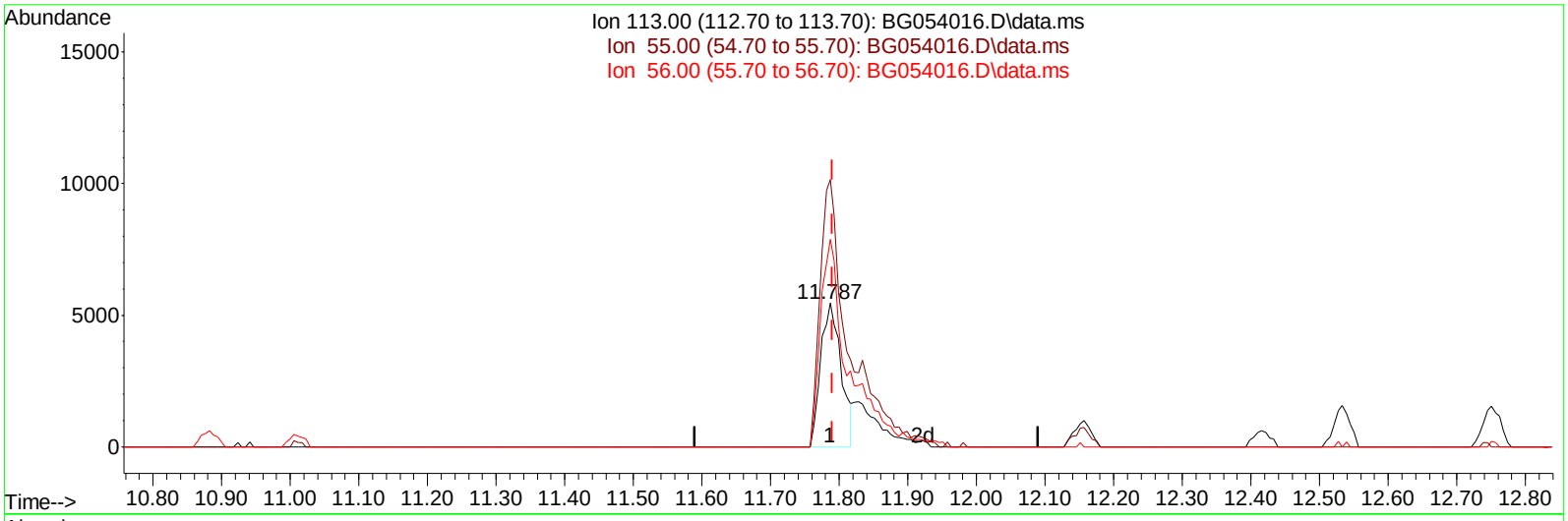
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
Data File : BG054016.D
Acq On : 23 Jun 2022 16:59
Operator : CG/JU
Sample : PB145673BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

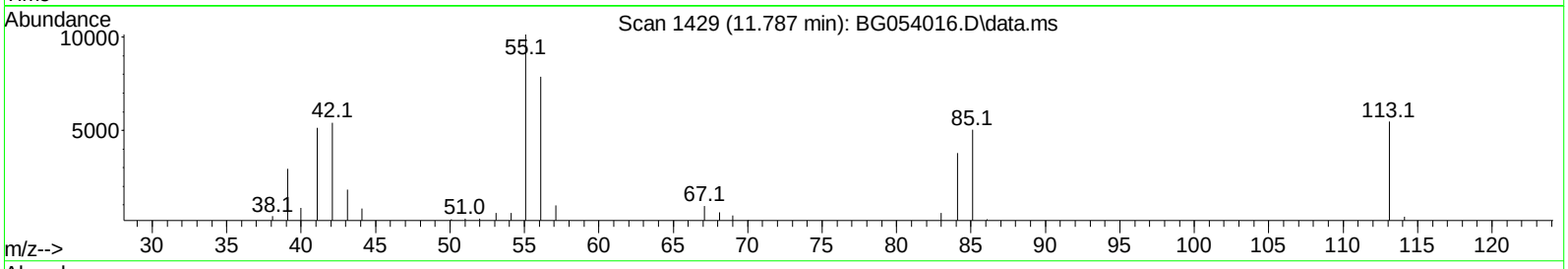
Quant Time: Jun 23 23:05:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 20 15:29:13 2022
Response via : Initial Calibration

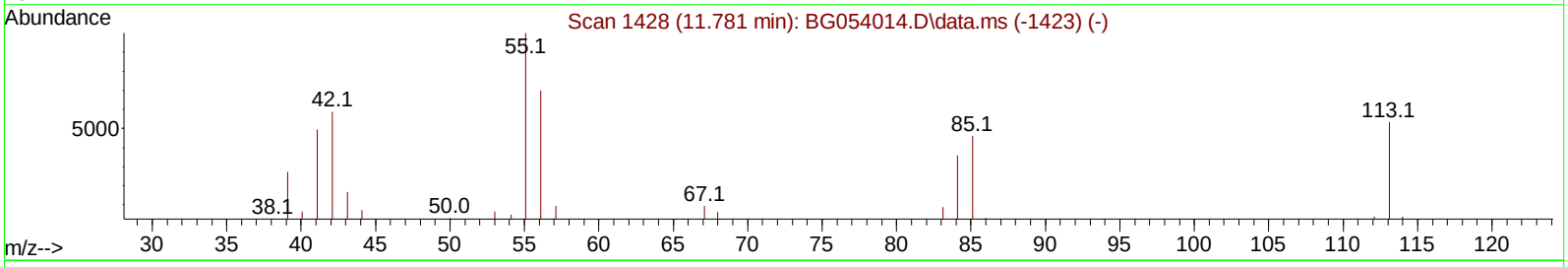
Instrument :
BNA_G
ClientSampleId :
SLCS673

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :mohammad ahmed 06/29/2022







TIC: BG054016.D\data.ms

(34) Caprolactam

11.787min (-0.003) 25.48 ng/ul

response 11280

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.70	185.64
56.00	159.50	144.25
0.00	0.00	0.00

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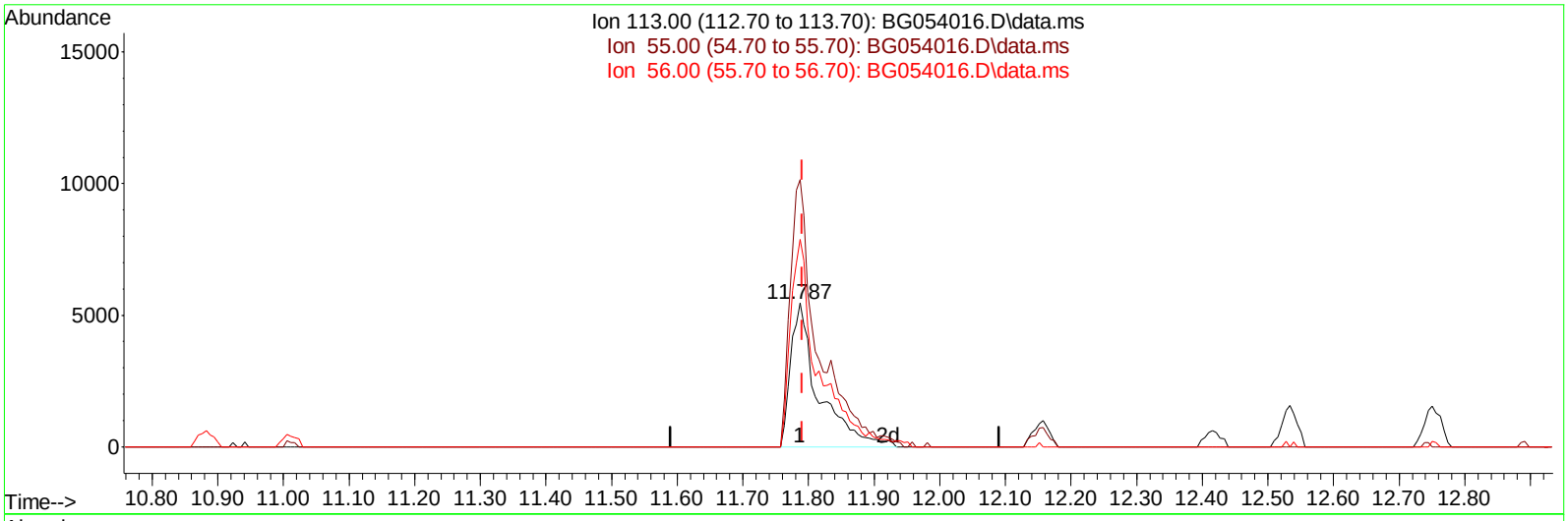

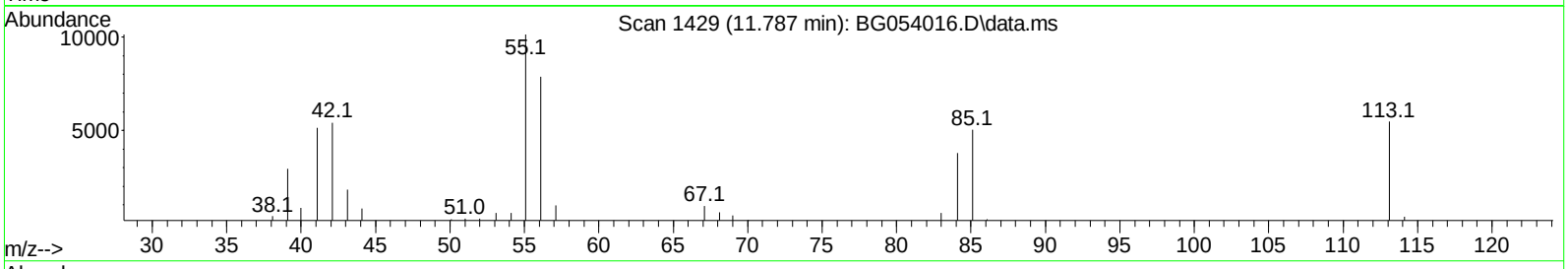

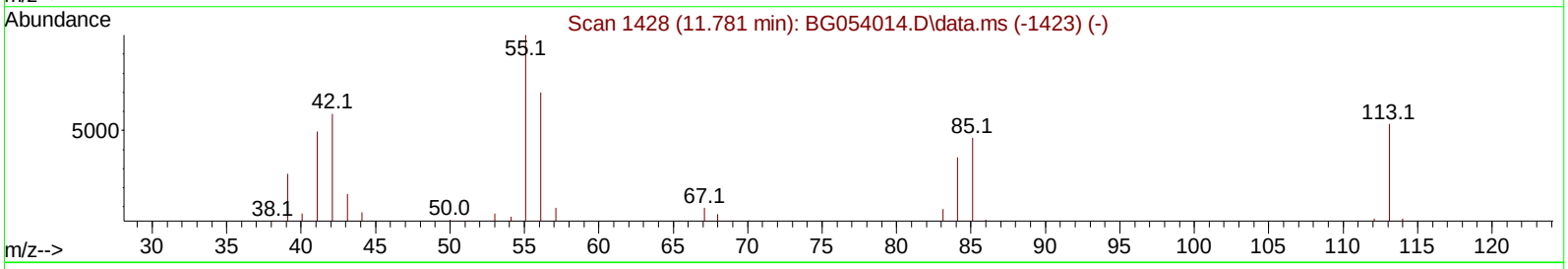

TIC: BG054016.D\data.ms

(34) Caprolactam

11.787min (-0.003) 36.22 ng/ul m

response 16033

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.70	185.64
56.00	159.50	144.25
0.00	0.00	0.00

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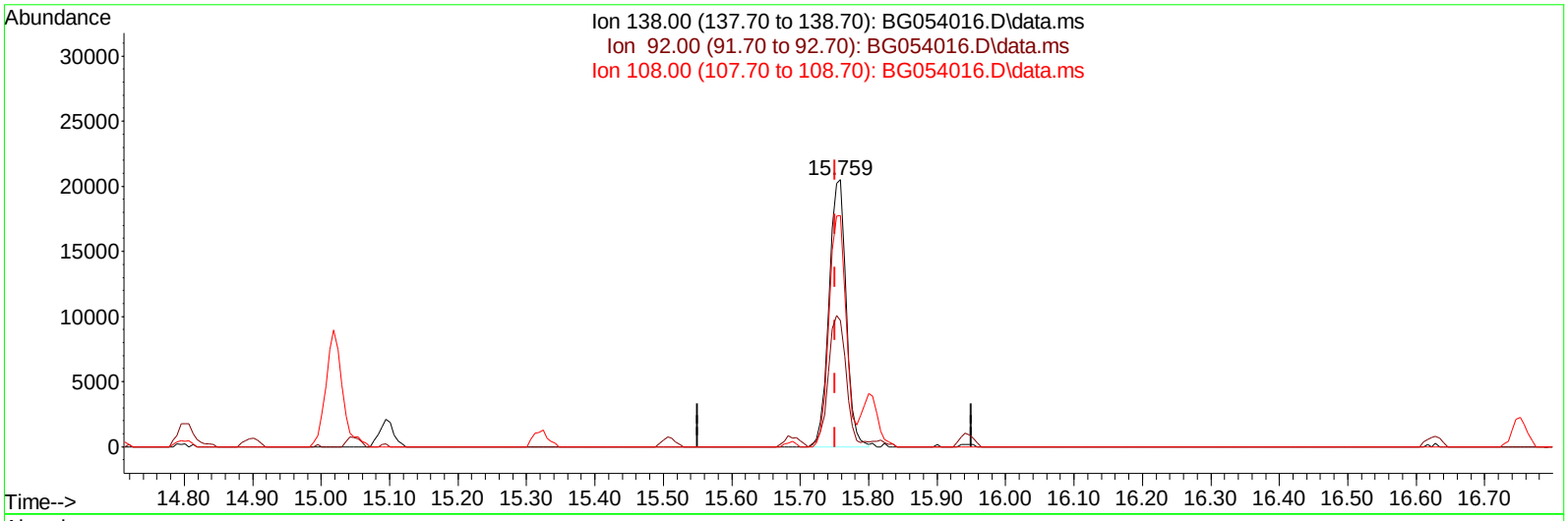

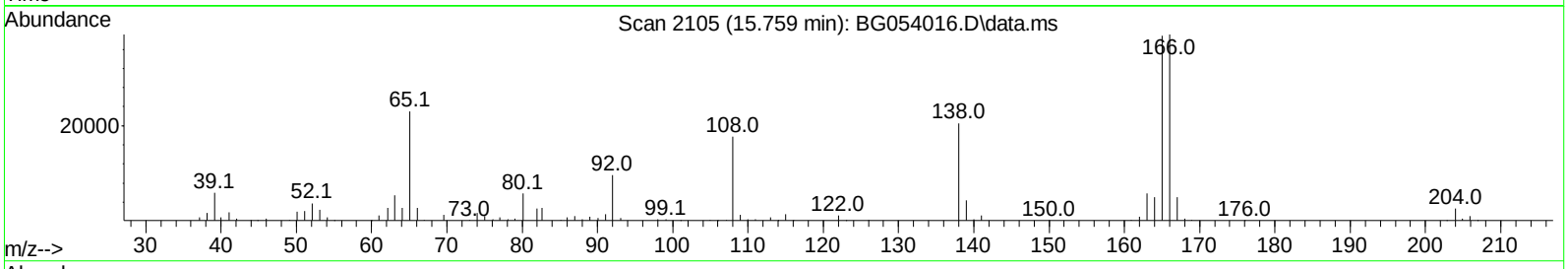

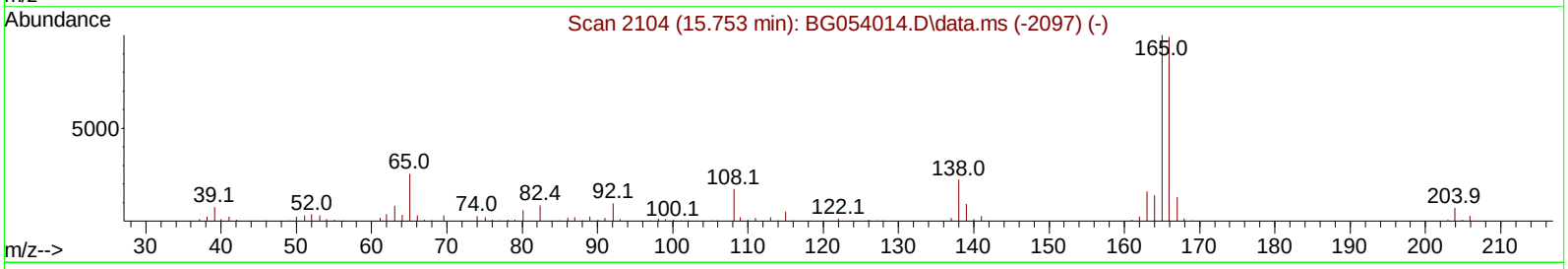

TIC: BG054016.D\data.ms

(63) 4-Nitroaniline

15.759min (+ 0.008) 44.04 ng/ul

response 35585

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.50	47.26
108.00	98.80	86.61
0.00	0.00	0.00

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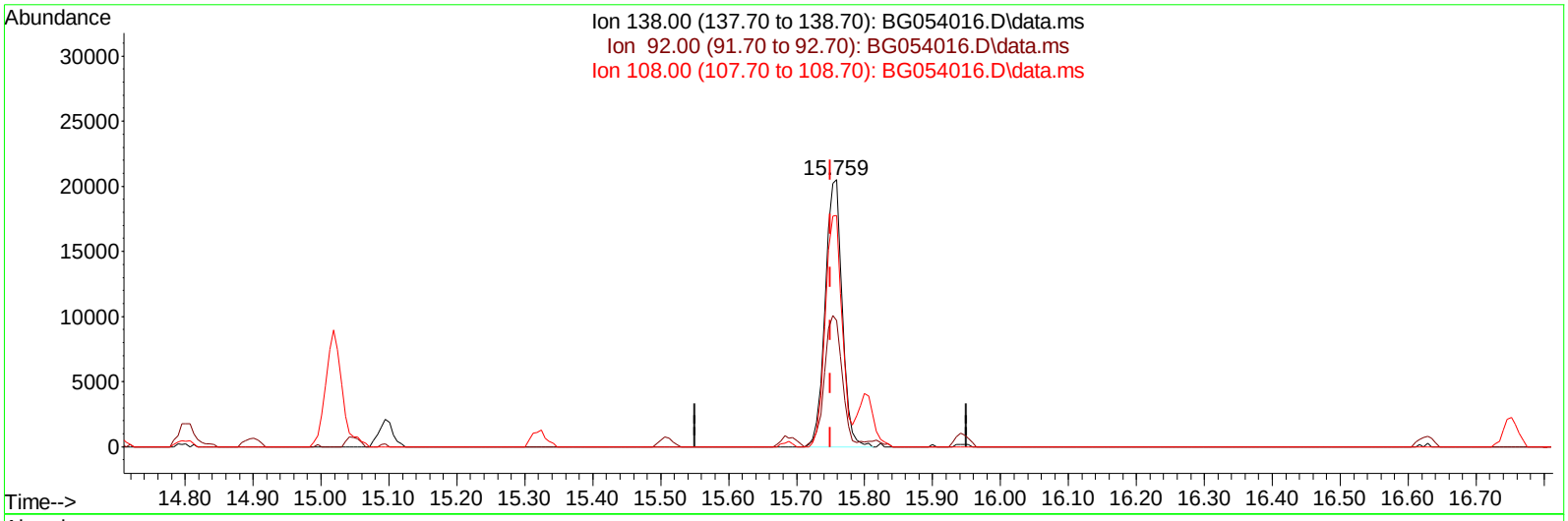

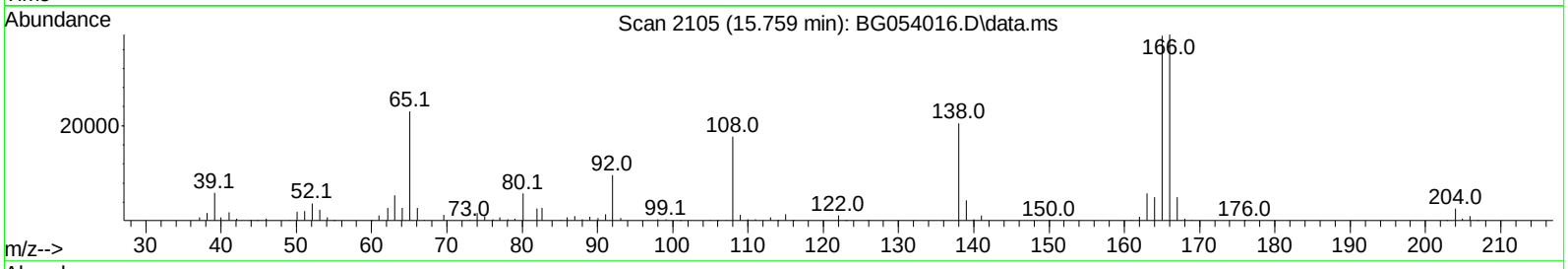

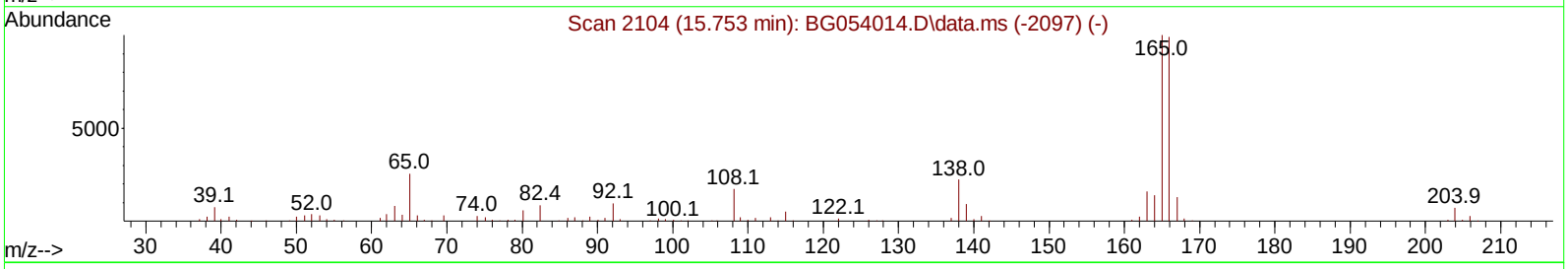

TIC: BG054016.D\data.ms

(63) 4-Nitroaniline

15.759min (+ 0.008) 44.15 ng/ul m

response 35672

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.50	47.26
108.00	98.80	86.61
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	8.074	152	19651	20.000	ng/ul	0.00
20) Naphthalene-d8	10.882	136	85012	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.701	164	68068	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	176028	20.000	ng/ul	0.00
79) Chrysene-d12	21.717	240	195778	20.000	ng/ul	0.00
88) Perylene-d12	24.977	264	199196	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.497	96	2592	6.276	ng/uL	0.00
4) Pyridine-d5	3.908	84	37562	33.438	ng/ul	0.00
7) Phenol-d5	7.228	99	52636	37.388	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.392	67	30962	36.459	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	40558	36.127	ng/ul	0.00
15) 4-Methylphenol-d8	8.779	113	45769	38.129	ng/ul	0.00
21) Nitrobenzene-d5	9.231	128	20825	33.003	ng/ul	0.00
24) 2-Nitrophenol-d4	9.960	143	23713	35.369	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.500	165	52226	35.208	ng/ul	0.00
31) 4-Chloroaniline-d4	11.011	131	60430	32.247	ng/ul	0.00
46) Dimethylphthalate-d6	14.096	166	179486	33.518	ng/ul	0.00
49) Acenaphthylene-d8	14.396	160	194753	33.447	ng/ul	0.00
54) 4-Nitrophenol-d4	14.883	143	28192	38.450	ng/ul	0.00
60) Fluorene-d10	15.688	176	160666	33.403	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.800	200	34130	35.543	ng/ul	0.00
73) Anthracene-d10	17.539	188	271311	34.128	ng/ul	0.00
81) Pyrene-d10	19.825	212	355018	34.779	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.754	264	354705	35.277	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.526	88	5873	13.031	ng/uL#	86
5) Pyridine	3.926	79	36892	31.667	ng/ul	93
6) Benzaldehyde	7.210	77	36567	51.007	ng/ul	94
8) Phenol	7.257	94	54290	36.958	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.486	93	38511	34.610	ng/ul	89
12) 2-Chlorophenol	7.639	128	39088	34.102	ng/ul	99
13) 2-Methylphenol	8.514	108	39785	34.890	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.602	45	60887	36.839	ng/ul	99
16) Acetophenone	8.890	105	64576	34.785	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.879	70	32668	34.520	ng/ul	97
18) 4-Methylphenol	8.837	108	44690	36.636	ng/ul	99
19) Hexachloroethane	9.167	117	15076	31.039	ng/ul	92
22) Nitrobenzene	9.272	77	49868	33.179	ng/ul	94
23) Isophorone	9.801	82	95048	32.617	ng/ul	99
25) 2-Nitrophenol	9.989	139	23526	33.464	ng/ul	90
26) 2,4-Dimethylphenol	10.048	107	47989	31.260	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.277	93	56380	34.367	ng/ul	98
29) 2,4-Dichlorophenol	10.530	162	49957	33.678	ng/ul	98
30) Naphthalene	10.935	128	134874	31.983	ng/ul	98
32) 4-Chloroaniline	11.035	127	58502	31.482	ng/ul	98
33) Hexachlorobutadiene	11.223	225	37060	25.578	ng/ul	99
34) Caprolactam	11.787	113	16033m	36.219	ng/ul	
35) 4-Chloro-3-methylphenol	12.157	107	51729	36.263	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.533	142	98851	31.687	ng/ul	94
37) 1-Methylnaphthalene	12.751	142	99786	32.074	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.897	216	77172	27.892	ng/ul	94
40) Hexachlorocyclopentadiene	12.886	237	34200	22.040	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.138	196	47190	32.863	ng/ul	93
42) 2,4,5-Trichlorophenol	13.209	196	52293	32.212	ng/ul	98
43) 1,1'-Biphenyl	13.532	154	148625	31.503	ng/ul	99
44) 2-Chloronaphthalene	13.579	162	120945	30.871	ng/ul	98
45) 2-Nitroaniline	13.773	65	36354	36.884	ng/ul	98
47) Dimethylphthalate	14.143	163	165529	32.161	ng/ul	99
48) 2,6-Dinitrotoluene	14.266	165	35727	34.515	ng/ul	95
50) Acenaphthylene	14.419	152	188336	31.501	ng/ul	99
51) 3-Nitroaniline	14.595	138	33550	39.927	ng/ul#	88
52) Acenaphthene	14.760	153	132499	33.187	ng/ul	98
53) 2,4-Dinitrophenol	14.801	184	15435	32.188	ng/ul#	64
55) 4-Nitrophenol	14.901	109	22810	31.736	ng/ul	96
56) Dibenzofuran	15.095	168	194602	31.856	ng/ul	97
57) 2,4-Dinitrotoluene	15.048	165	51904	34.568	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.324	232	50072	35.496	ng/ul#	96
59) Diethylphthalate	15.506	149	168158	33.322	ng/ul	99
61) Fluorene	15.747	166	162045	32.569	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.735	204	94668	29.925	ng/ul	94
63) 4-Nitroaniline	15.759	138	35672m	44.150	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.818	198	31592	34.273	ng/ul#	99
67) N-Nitrosodiphenylamine	15.947	169	147879	34.363	ng/ul	97
68) 4-Bromophenyl-phenylether	16.628	248	68438	31.300	ng/ul	96
69) Hexachlorobenzene	16.752	284	76978	30.038	ng/ul	93
70) Atrazine	16.893	200	68408	32.364	ng/ul	97
71) Pentachlorophenol	17.093	266	35503	32.685	ng/ul	94
72) Phenanthrene	17.486	178	291446	33.419	ng/ul	99
74) Anthracene	17.574	178	290047	33.001	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.503	216	85145	28.399	ng/uL	98
76) Pentachlorobenzene	15.018	250	82763	30.014	ng/uL	93
77) Carbazole	17.839	167	253340	34.961	ng/ul	99
78) Di-n-butylphthalate	18.397	149	301363	36.528	ng/ul	99
80) Fluoranthene	19.490	202	384866	33.774	ng/ul	97
82) Pyrene	19.854	202	381394	33.664	ng/ul	99
83) Butylbenzylphthalate	20.735	149	136130	39.871	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.611	252	138089	34.083	ng/ul	98
85) Benzo(a)anthracene	21.699	228	405580	33.610	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.605	149	192505	38.585	ng/ul	100
87) Chrysene	21.764	228	378466	32.691	ng/ul	100
89) Di-n-octyl phthalate	22.827	149	332143	38.825	ng/ul	100
90) Benzo(b)fluoranthene	23.937	252	417687	33.958	ng/ul	98
91) Benzo(k)fluoranthene	24.008	252	407085	34.565	ng/ul	99
93) Benzo(a)pyrene	24.825	252	368878	31.133	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.697	276	483985	33.952	ng/ul	100
95) Dibenzo(a,h)anthracene	28.761	278	394507	32.885	ng/ul	97
96) Benzo(g,h,i)perylene	29.854	276	385649	32.041	ng/ul	98

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

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