Quantitation Report (Qedit)

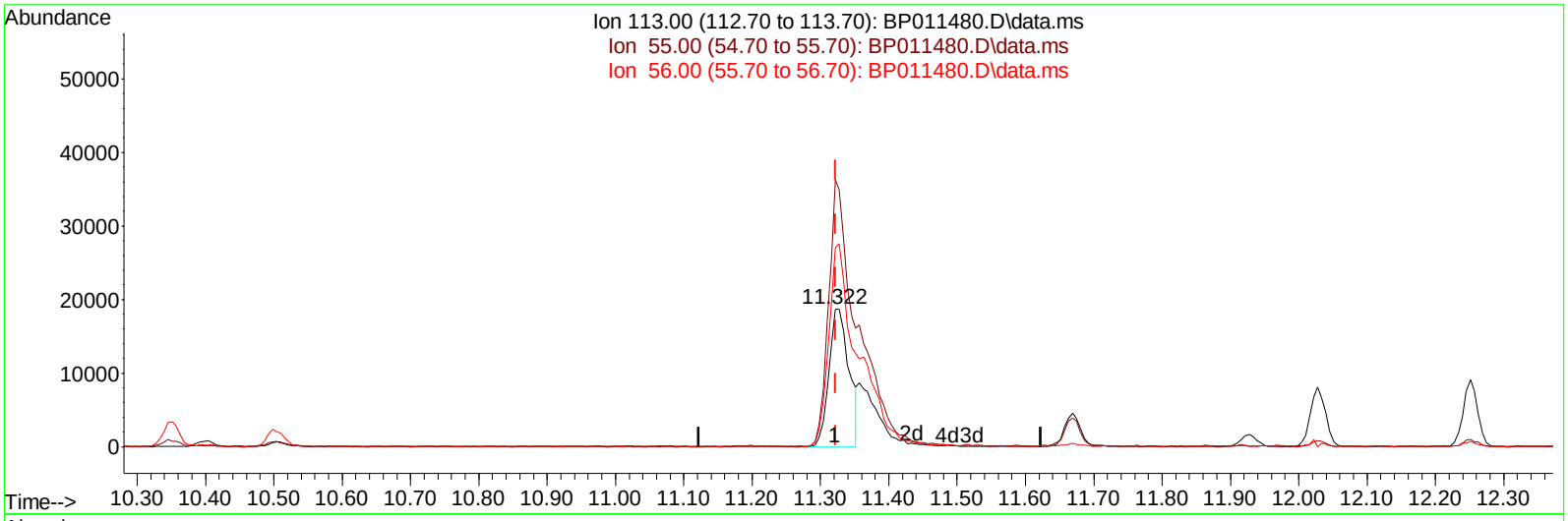
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081822\
Data File : BP011480.D
Acq On : 18 Aug 2022 13:40
Operator : CG/JU
Sample : PB147103BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

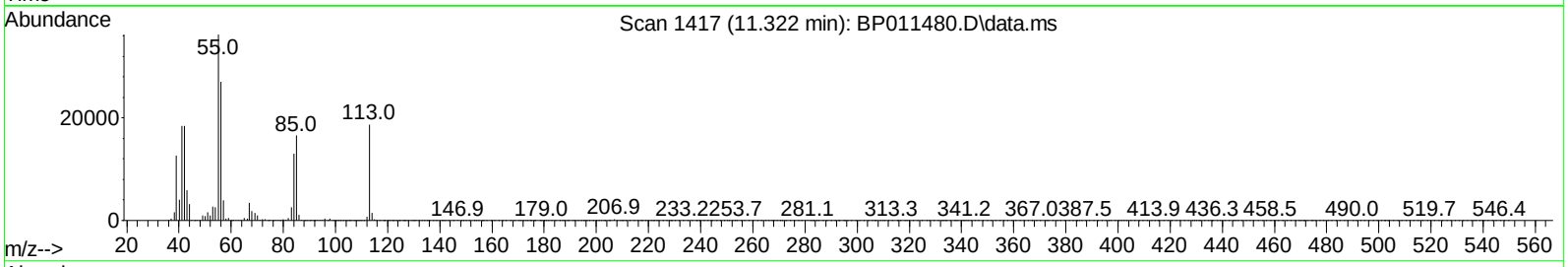
Quant Time: Aug 18 23:15:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 01:58:37 2022
Response via : Initial Calibration

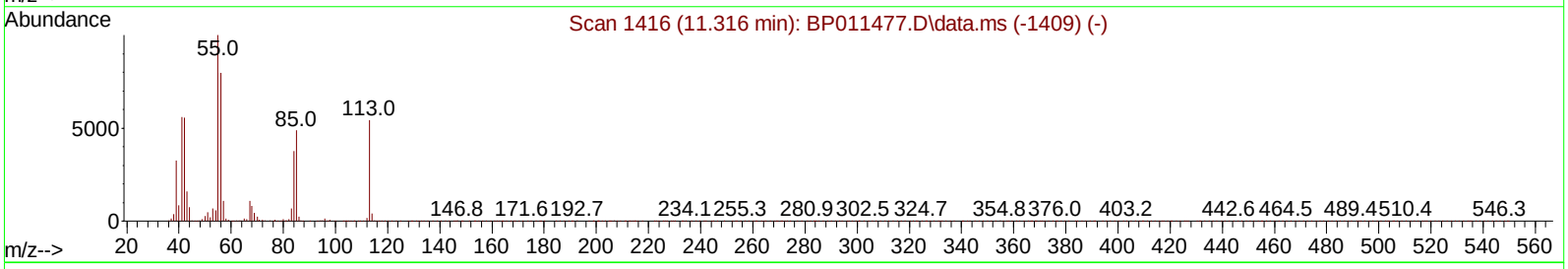
Instrument :
BNA_P
ClientSampleId :
SLCS103

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/19/2022
Supervised By :Sohil Jodhani 08/22/2022







TIC: BP011480.D\data.ms

(34) Caprolactam

11.322min (-0.000) 20.29 ng/ul

response 38149

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	191.80	194.01
56.00	149.50	144.59
0.00	0.00	0.00

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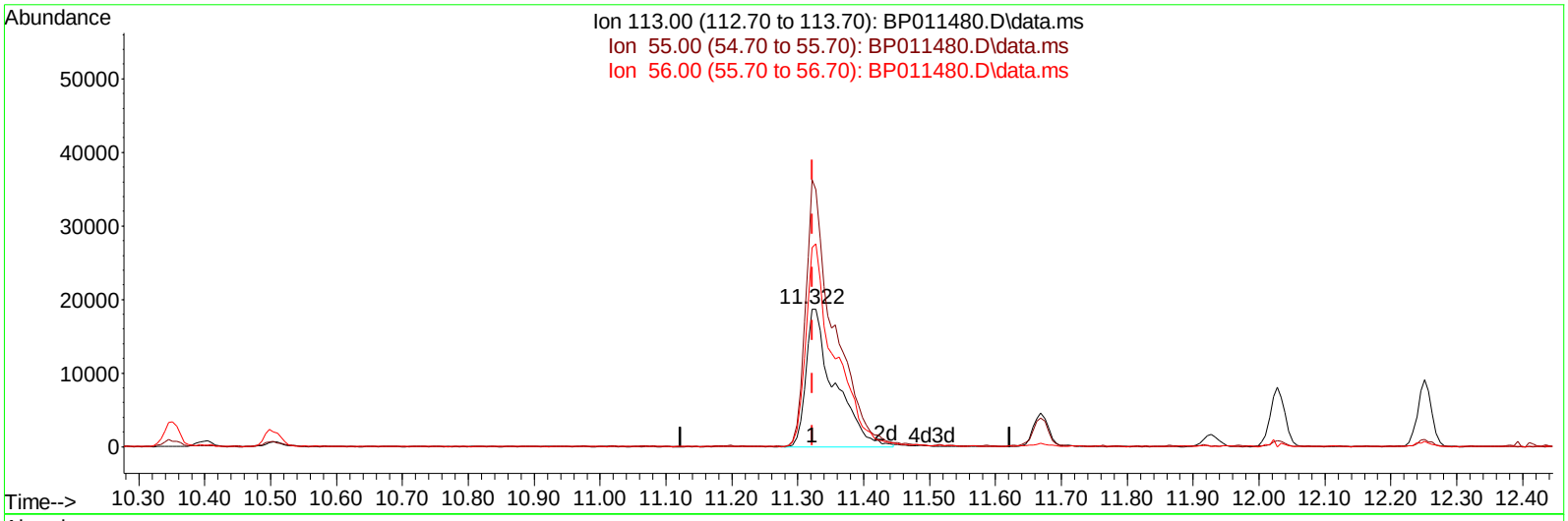

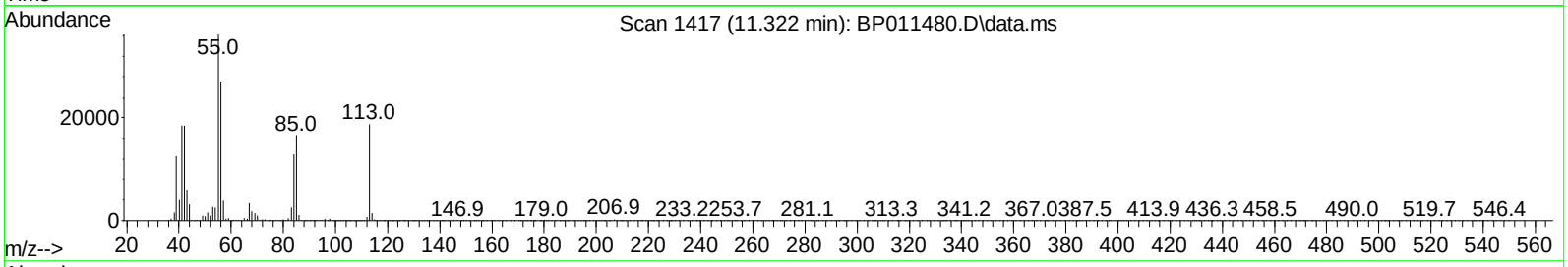

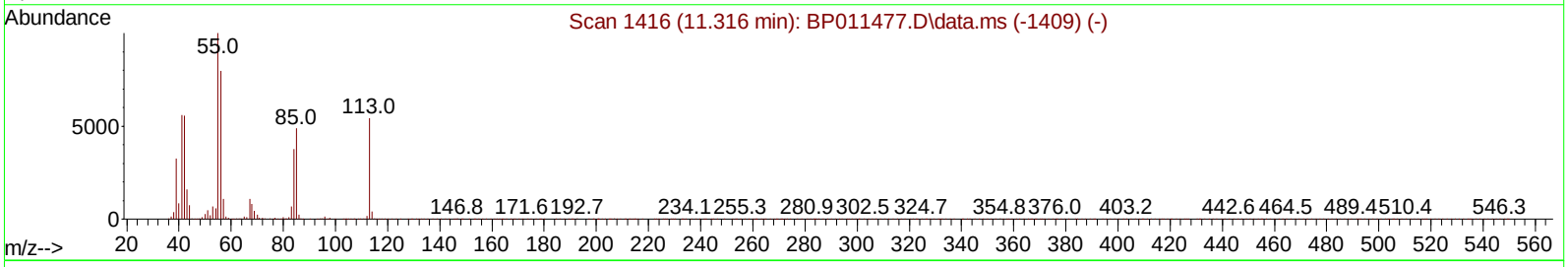

TIC: BP011480.D\data.ms

(34) Caprolactam

11.322min (-0.000) 29.76 ng/ul m

response 55952

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	191.80	194.01
56.00	149.50	144.59
0.00	0.00	0.00

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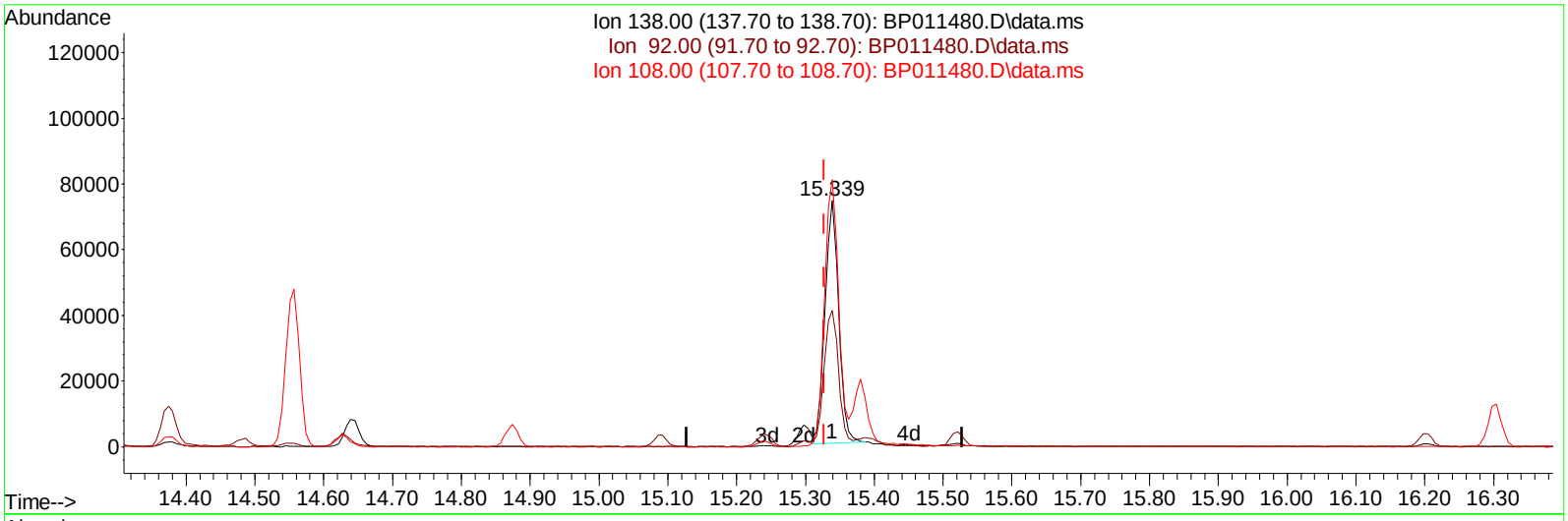

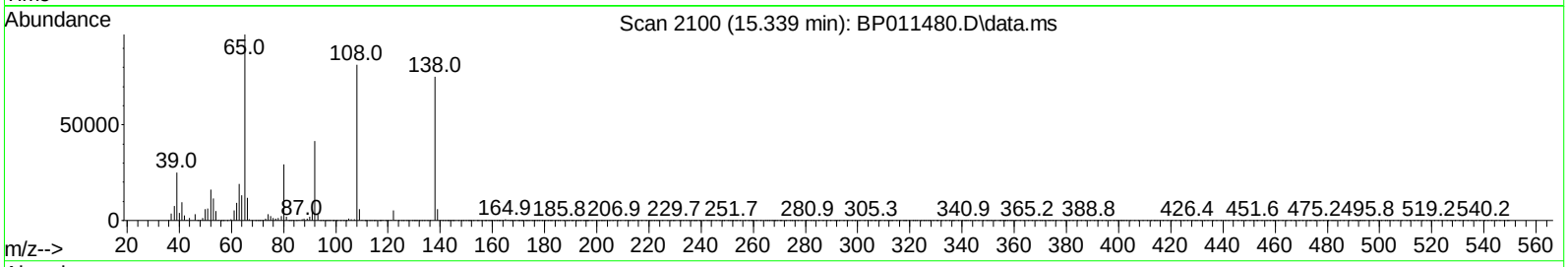

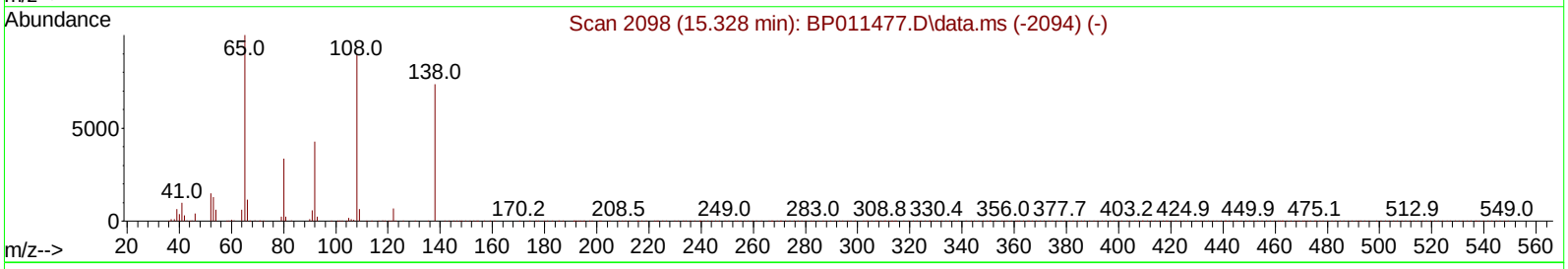

TIC: BP011480.D\data.ms

(63) 4-Nitroaniline

15.339min (+ 0.011) 34.92 ng/ul

response 101746

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.90	55.38
108.00	117.10	108.30
0.00	0.00	0.00

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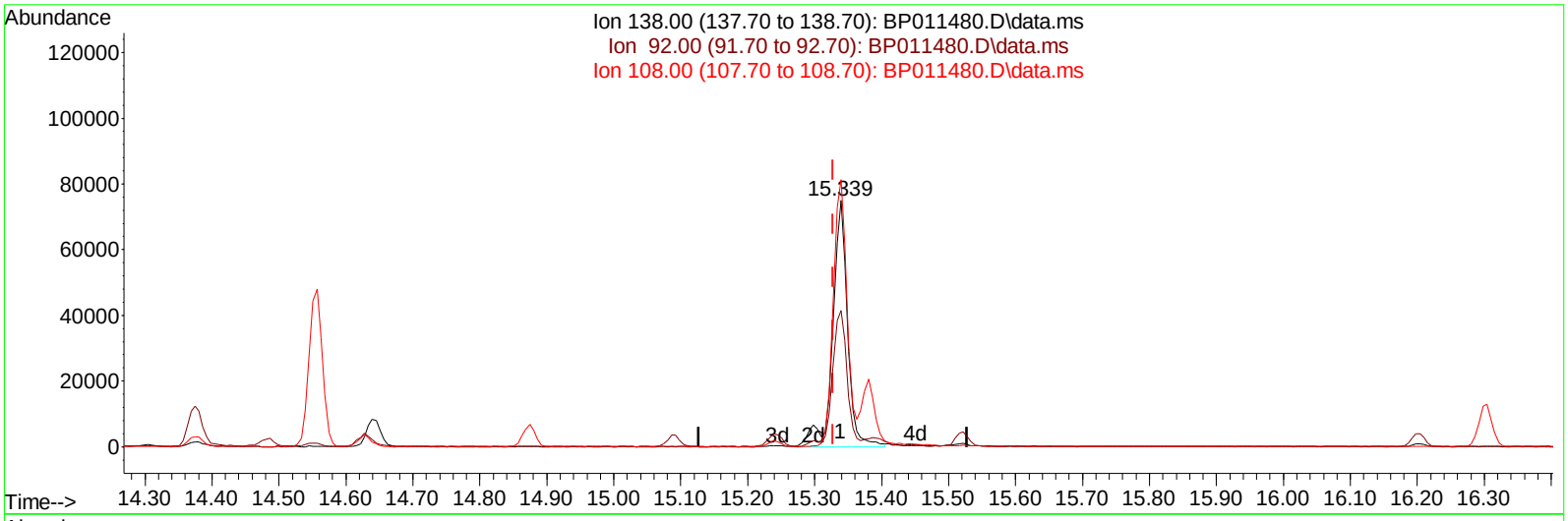

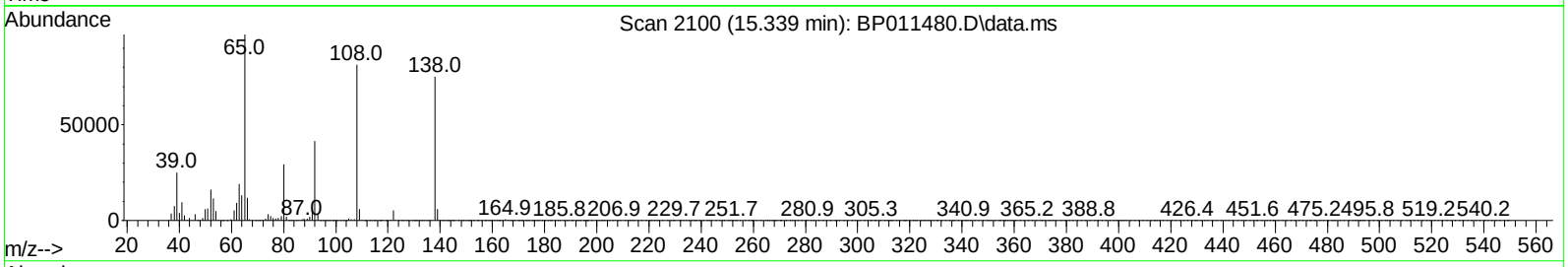

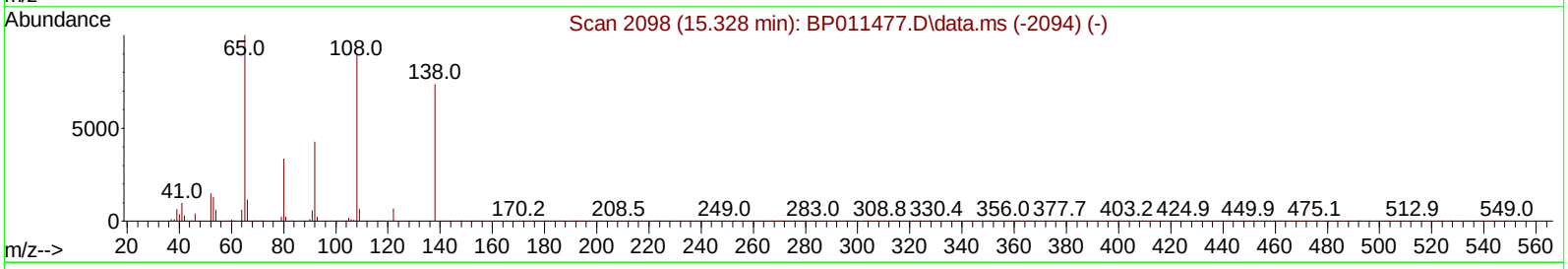

TIC: BP011480.D\data.ms

(63) 4-Nitroaniline

15.339min (+ 0.011) 39.98 ng/ul m

response 116483

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.90	55.38
108.00	117.10	108.30
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	7.557	152	90559	20.000	ng/ul	0.00
20) Naphthalene-d8	10.351	136	374585	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.239	164	210727	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.010	188	410550	20.000	ng/ul	0.00
79) Chrysene-d12	21.145	240	399202	20.000	ng/ul	0.01
88) Perylene-d12	23.439	264	399942	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.069	96	17751	6.083	ng/uL	0.00
4) Pyridine-d5	3.481	84	225085	30.126	ng/ul	0.00
7) Phenol-d5	6.746	99	261608	31.436	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.910	67	164434	30.413	ng/ul	0.00
11) 2-Chlorophenol-d4	7.093	132	208113	34.001	ng/ul	0.00
15) 4-Methylphenol-d8	8.287	113	200146	30.048	ng/ul	0.00
21) Nitrobenzene-d5	8.728	128	96086	35.630	ng/ul	0.00
24) 2-Nitrophenol-d4	9.445	143	102837	37.470	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.981	165	175865	34.714	ng/ul	0.00
31) 4-Chloroaniline-d4	10.504	131	240739	28.546	ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	501531	33.650	ng/ul	0.00
49) Acenaphthylene-d8	13.928	160	576987	34.831	ng/ul	0.00
54) 4-Nitrophenol-d4	14.469	143	95783	33.355	ng/ul	0.00
60) Fluorene-d10	15.245	176	406493	32.419	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.380	200	77833	35.085	ng/ul	0.01
73) Anthracene-d10	17.110	188	620322	34.116	ng/ul	0.00
81) Pyrene-d10	19.374	212	677150	33.526	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.298	264	693069	35.625	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.105	88	37896	12.454	ng/uL	97
5) Pyridine	3.499	79	223532	29.973	ng/ul	97
6) Benzaldehyde	6.716	77	113664	29.762	ng/ul	95
8) Phenol	6.775	94	261366	30.562	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.004	93	203790	30.548	ng/ul	98
12) 2-Chlorophenol	7.128	128	215283	32.686	ng/ul	96
13) 2-Methylphenol	8.016	108	191496	30.395	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.098	45	288743	29.217	ng/ul	99
16) Acetophenone	8.393	105	313894	28.328	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.381	70	165964	30.112	ng/ul	95
18) 4-Methylphenol	8.351	108	203982	29.244	ng/ul	94
19) Hexachloroethane	8.628	117	97588	32.665	ng/ul	99
22) Nitrobenzene	8.769	77	250246	32.921	ng/ul	96
23) Isophorone	9.298	82	444058	33.280	ng/ul	99
25) 2-Nitrophenol	9.475	139	110371	35.247	ng/ul	96
26) 2,4-Dimethylphenol	9.545	107	238433	32.069	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.787	93	260069	32.245	ng/ul	97
29) 2,4-Dichlorophenol	10.004	162	173947	33.550	ng/ul	97
30) Naphthalene	10.398	128	637719	32.243	ng/ul	99
32) 4-Chloroaniline	10.528	127	187868	21.502	ng/ul	99
33) Hexachlorobutadiene	10.681	225	110678	33.532	ng/ul	96
34) Caprolactam	11.322	113	55952m	29.763	ng/ul	
35) 4-Chloro-3-methylphenol	11.669	107	210363	32.092	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.028	142	407101	31.637	ng/ul	98
37) 1-Methylnaphthalene	12.251	142	402451	30.837	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.404	216	182051	34.037	ng/ul	96
40) Hexachlorocyclopentadiene	12.375	237	96539	29.094	ng/ul	99
41) 2,4,6-Trichlorophenol	12.657	196	120508	35.007	ng/ul	96
42) 2,4,5-Trichlorophenol	12.728	196	130943	34.171	ng/ul	98
43) 1,1'-Biphenyl	13.063	154	519892	33.111	ng/ul	99
44) 2-Chloronaphthalene	13.098	162	396451	33.506	ng/ul	100
45) 2-Nitroaniline	13.328	65	145216	35.960	ng/ul	94
47) Dimethylphthalate	13.710	163	502247	32.604	ng/ul	99
48) 2,6-Dinitrotoluene	13.833	165	99777	36.027	ng/ul	98
50) Acenaphthylene	13.957	152	655200	33.294	ng/ul	98
51) 3-Nitroaniline	14.163	138	103069	34.167	ng/ul	97
52) Acenaphthene	14.304	153	424647	32.216	ng/ul	99
53) 2,4-Dinitrophenol	14.375	184	56908	33.572	ng/ul	94
55) 4-Nitrophenol	14.486	109	107122	31.309	ng/ul	95
56) Dibenzofuran	14.639	168	582175	32.028	ng/ul	100
57) 2,4-Dinitrotoluene	14.627	165	147637	35.609	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	14.875	232	98508	32.743	ng/ul	99
59) Diethylphthalate	15.092	149	554571	32.869	ng/ul	100
61) Fluorene	15.298	166	472080	31.746	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.298	204	215325	32.053	ng/ul	97
63) 4-Nitroaniline	15.339	138	116483m	39.975	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.392	198	78765	34.324	ng/ul	92
67) N-Nitrosodiphenylamine	15.522	169	404499	33.583	ng/ul	100
68) 4-Bromophenyl-phenylether	16.204	248	123687	33.749	ng/ul	94
69) Hexachlorobenzene	16.304	284	143305	33.929	ng/ul	98
70) Atrazine	16.492	200	58201	12.948	ng/ul	99
71) Pentachlorophenol	16.657	266	82221	31.395	ng/ul	98
72) Phenanthrene	17.051	178	726866	32.710	ng/ul	99
74) Anthracene	17.145	178	736297	32.843	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.022	216	180351	34.174	ng/uL	99
76) Pentachlorobenzene	14.557	250	168366	33.621	ng/uL	98
77) Carbazole	17.427	167	689816	32.713	ng/ul	99
78) Di-n-butylphthalate	17.998	149	938157	36.128	ng/ul	99
80) Fluoranthene	19.045	202	828783	33.367	ng/ul	99
82) Pyrene	19.404	202	863235	33.076	ng/ul	99
83) Butylbenzylphthalate	20.304	149	440993	37.667	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.068	252	253347	33.524	ng/ul	99
85) Benzo(a)anthracene	21.127	228	817447	33.610	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.068	149	664843	38.374	ng/ul	100
87) Chrysene	21.180	228	806548	33.758	ng/ul	99
89) Di-n-octyl phthalate	21.968	149	1142201	35.528	ng/ul	100
90) Benzo(b)fluoranthene	22.745	252	876491	35.231	ng/ul	99
91) Benzo(k)fluoranthene	22.792	252	801848	33.775	ng/ul	97
93) Benzo(a)pyrene	23.339	252	839266	34.554	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.821	276	855389	31.574	ng/ul	96
95) Dibenzo(a,h)anthracene	25.833	278	784483	33.630	ng/ul	97
96) Benzo(g,h,i)perylene	26.539	276	488597	21.202	ng/ul	98

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

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