Quantitation Report (Qedit)

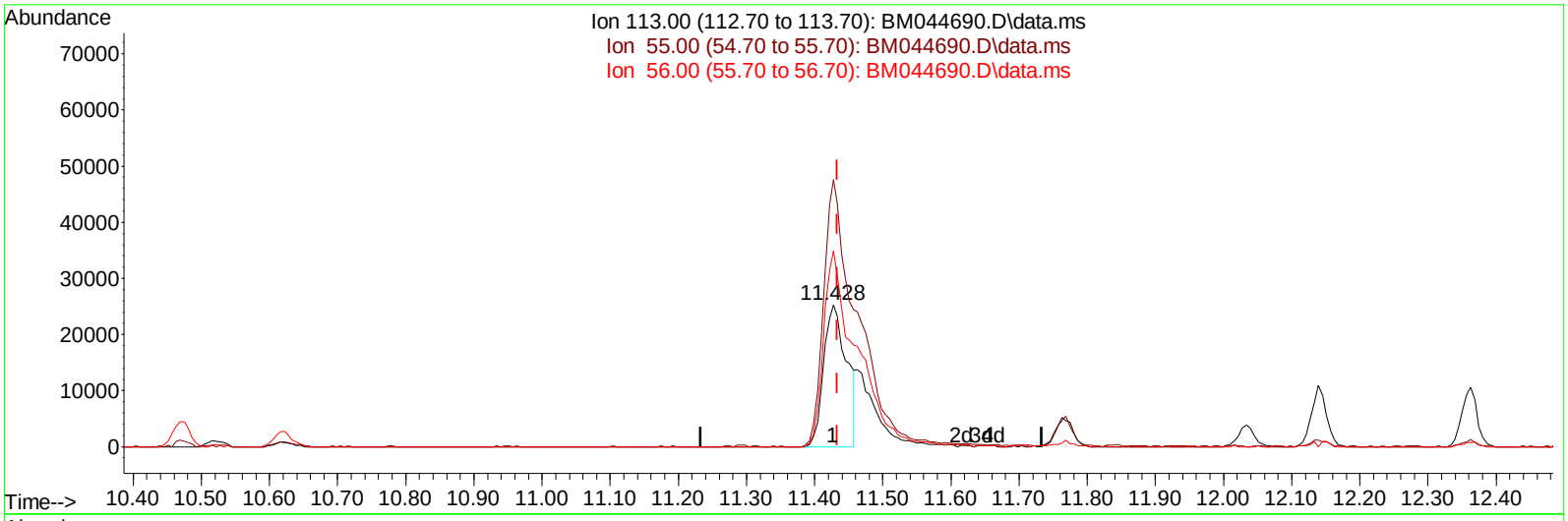
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032124\
Data File : BM044690.D
Acq On : 20 Mar 2024 19:09
Operator : MA/JU
Sample : PB159667BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

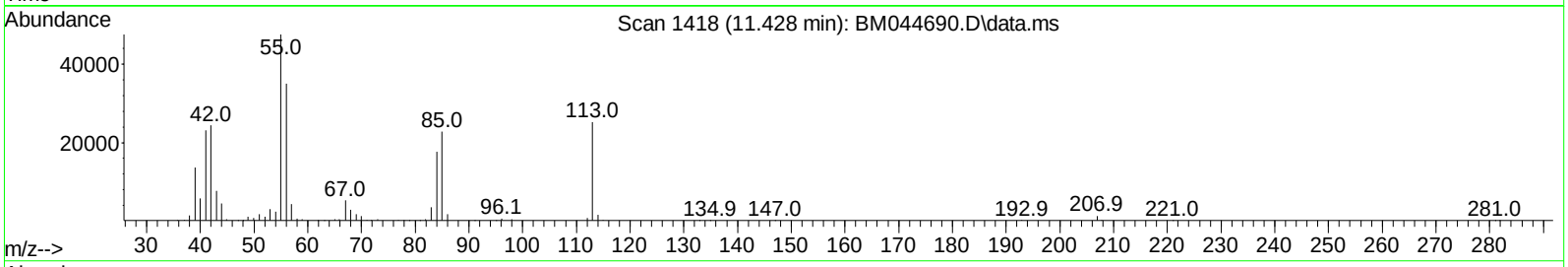
Quant Time: Mar 20 23:22:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 15 11:12:49 2024
Response via : Initial Calibration

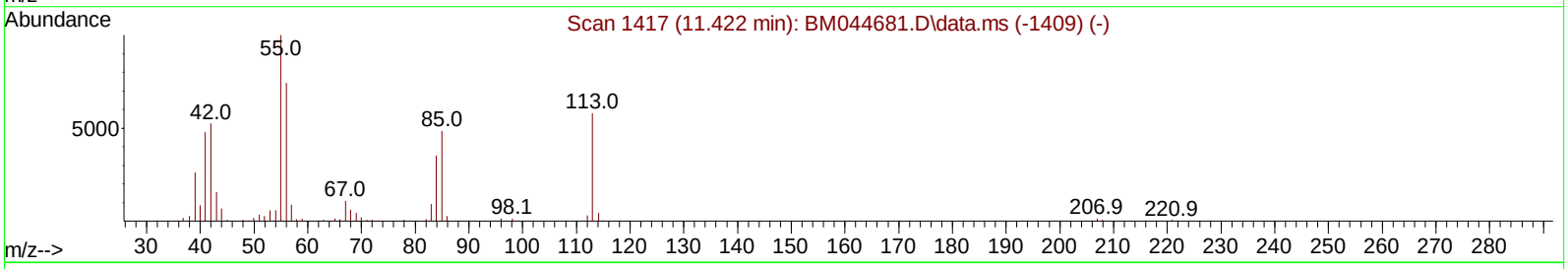
Instrument :
BNA_M
ClientSampleId :
SLCS667

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/21/2024
Supervised By :mohammad ahmed 03/26/2024







TIC: BM044690.D\data.ms

(34) Caprolactam

11.428min (-0.006) 15.54 ng/ul

response 59541

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	188.05
56.00	127.70	138.24
0.00	0.00	0.00

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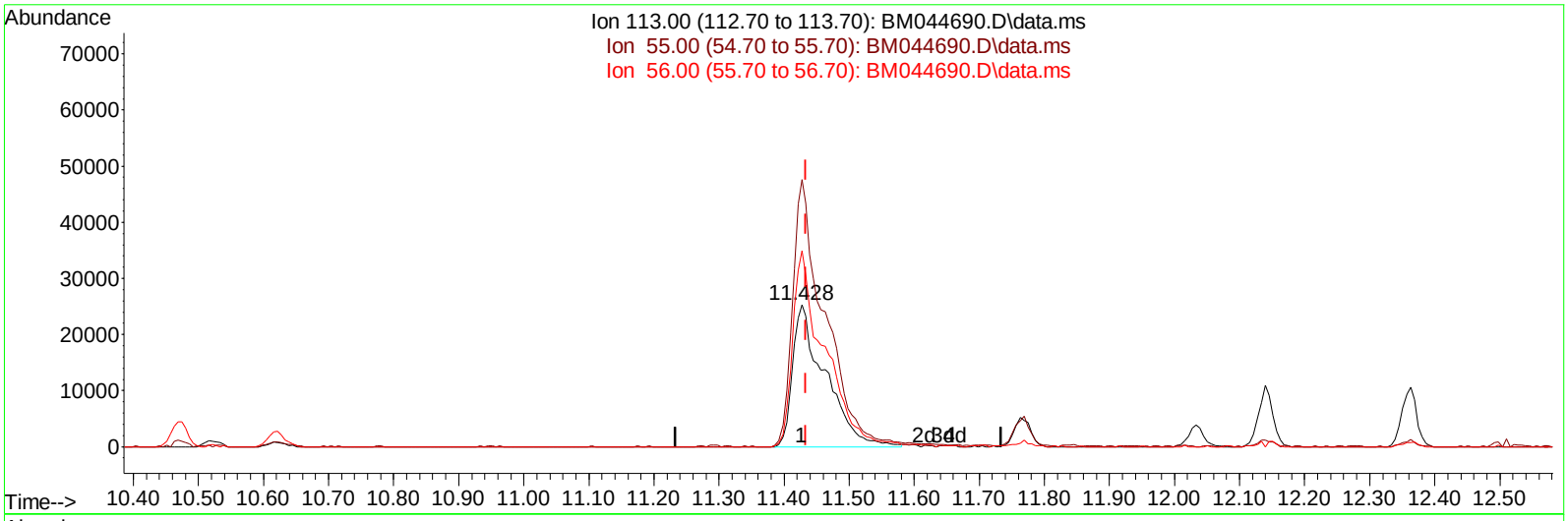

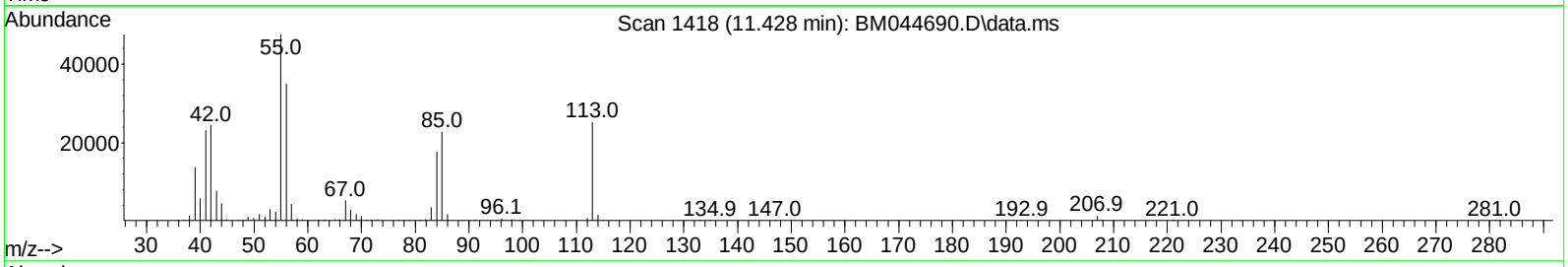

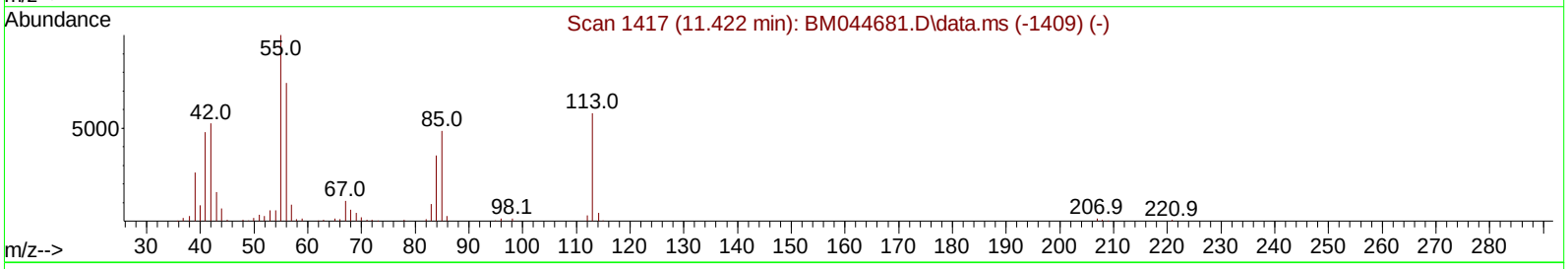

TIC: BM044690.D\data.ms

(34) Caprolactam

11.428min (-0.006) 22.92 ng/ul m

response 87795

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	188.05
56.00	127.70	138.24
0.00	0.00	0.00

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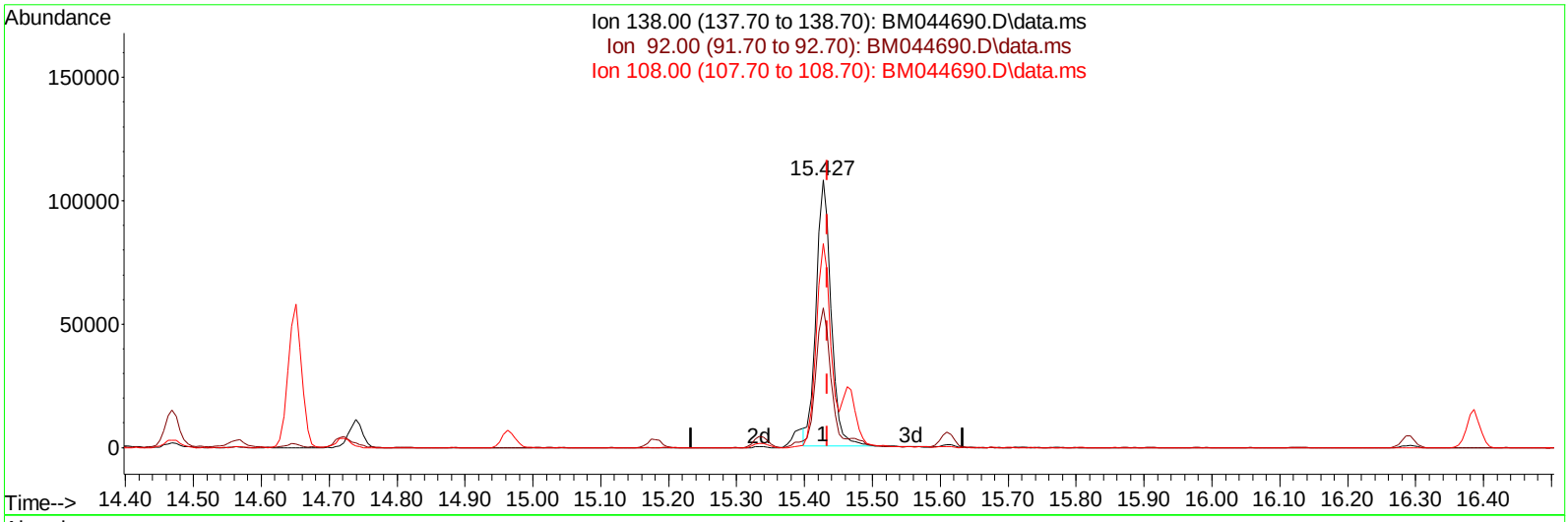

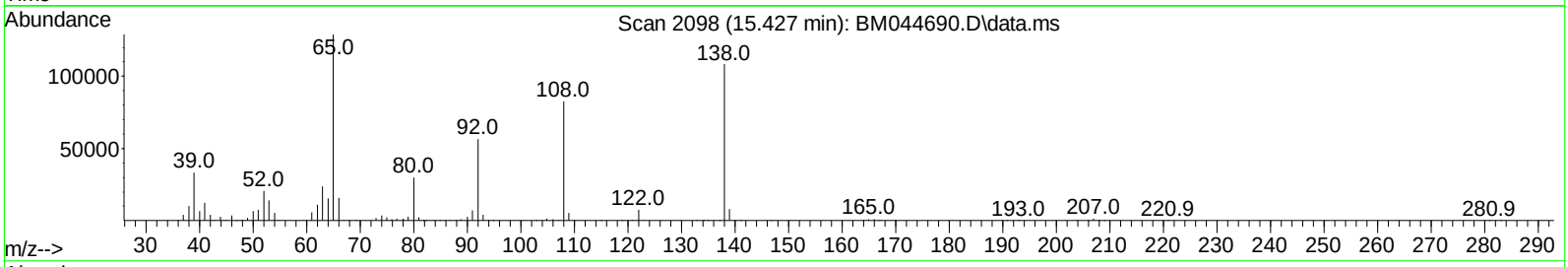

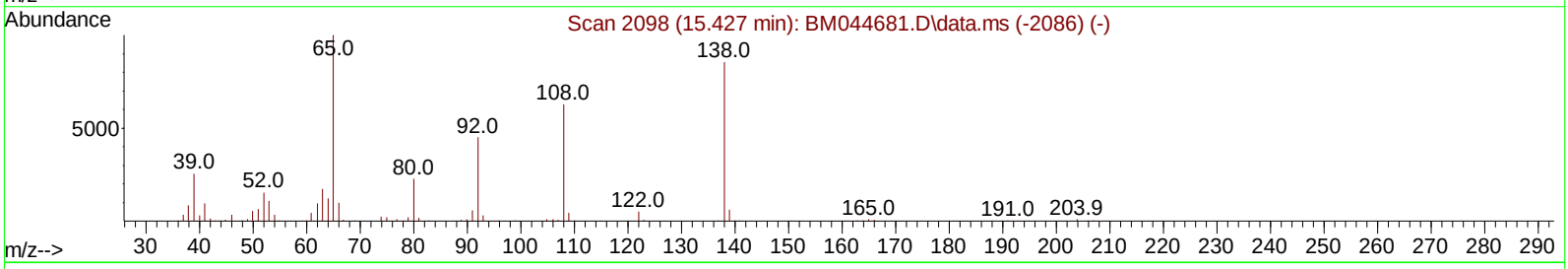

TIC: BM044690.D\data.ms

(63) 4-Nitroaniline

15.427min (-0.006) 28.44 ng/ul

response 164582

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	52.15
108.00	68.30	76.33
0.00	0.00	0.00

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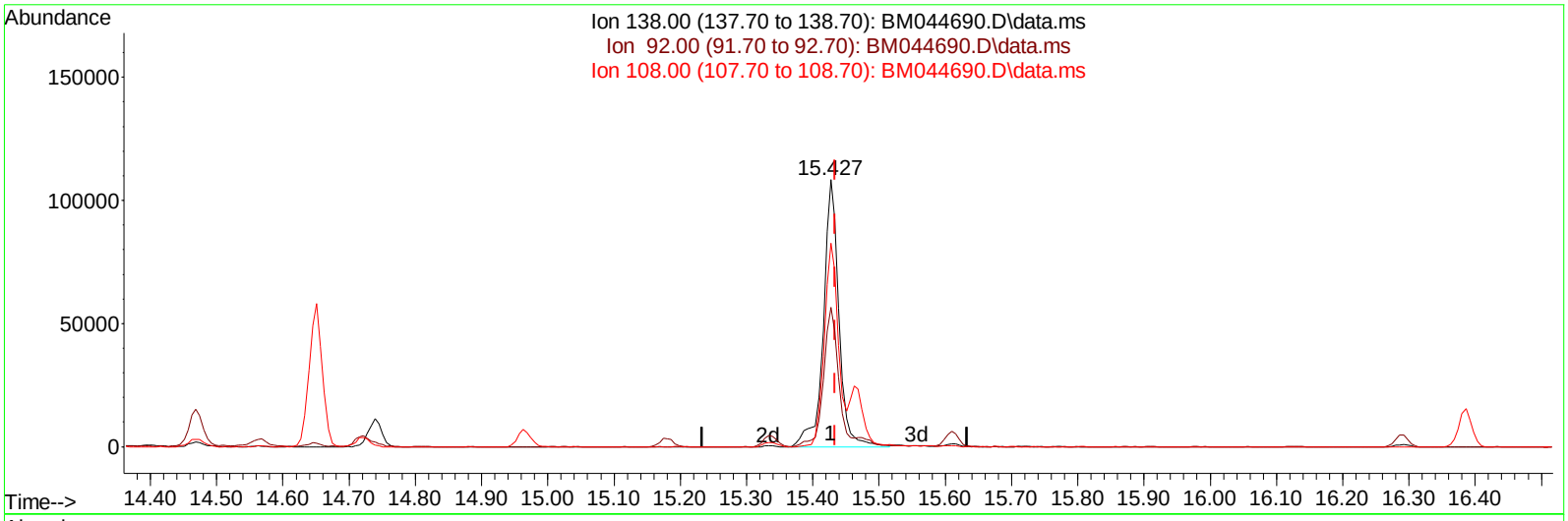

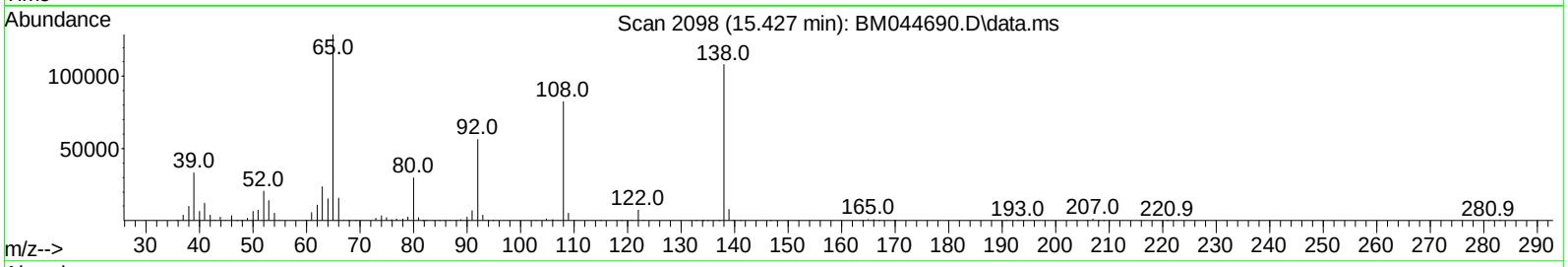

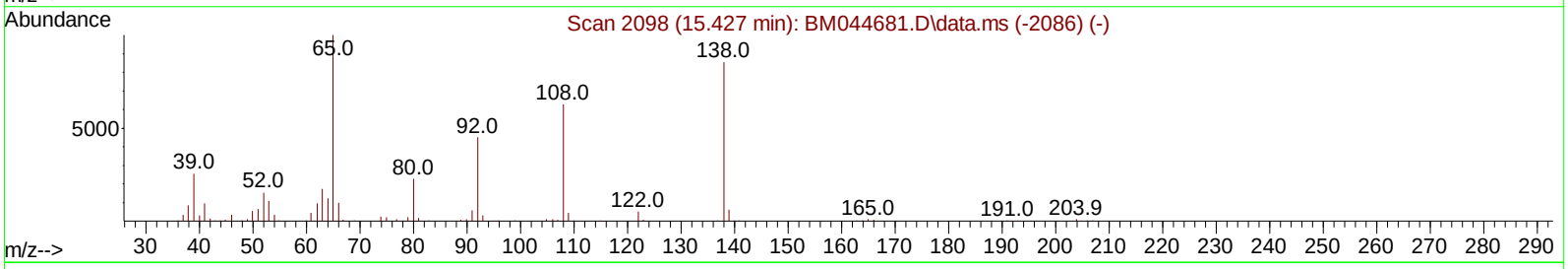

TIC: BM044690.D\data.ms

(63) 4-Nitroaniline

15.427min (-0.006) 30.94 ng/ul m

response 179039

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	52.15
108.00	68.30	76.33
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 03/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	162838	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	637708	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.339	164	351562	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	640678	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	557957	20.000	ng/ul	0.00
88) Perylene-d12	23.538	264	627540	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	27423	5.712	ng/uL	0.00
4) Pyridine-d5	3.652	84	386934	27.382	ng/ul	0.00
7) Phenol-d5	6.863	99	447198	26.712	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	290204	28.063	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.228	132	351148	28.542	ng/ul	0.00
15) 4-Methylphenol-d8	8.398	113	331136	25.185	ng/ul	0.00
21) Nitrobenzene-d5	8.851	128	167216	31.139	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	182043	31.447	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.092	165	310854	31.552	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.622	131	416047	25.426	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	783744	28.419	ng/ul	-0.01
49) Acenaphthylene-d8	14.027	160	940664	29.825	ng/ul	0.00
54) 4-Nitrophenol-d4	14.551	143	149575	26.154	ng/ul	0.00
60) Fluorene-d10	15.339	176	667718	28.812	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.468	200	122666	29.496	ng/ul	0.00
73) Anthracene-d10	17.192	188	959211	31.322	ng/ul	0.00
81) Pyrene-d10	19.492	212	1052545	30.757	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.397	264	1047124	31.746	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	56549	11.377	ng/uL	96
5) Pyridine	3.669	79	368664	25.154	ng/ul	95
6) Benzaldehyde	6.851	77	199252	27.325	ng/ul	95
8) Phenol	6.893	94	452337	26.474	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.134	93	376169	26.812	ng/ul	96
12) 2-Chlorophenol	7.257	128	359165	28.304	ng/ul	98
13) 2-Methylphenol	8.134	108	333360	25.710	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.216	45	548292	29.592	ng/ul	98
16) Acetophenone	8.516	105	527616	25.874	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.504	70	274389	26.044	ng/ul	92
18) 4-Methylphenol	8.457	108	350104	24.805	ng/ul	98
19) Hexachloroethane	8.751	117	154979	29.815	ng/ul	98
22) Nitrobenzene	8.892	77	410164	32.208	ng/ul	96
23) Isophorone	9.416	82	737488	28.385	ng/ul	99
25) 2-Nitrophenol	9.598	139	190092	30.120	ng/ul	99
26) 2,4-Dimethylphenol	9.657	107	317760	27.671	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.904	93	468182	28.653	ng/ul	98
29) 2,4-Dichlorophenol	10.122	162	297483	30.244	ng/ul	99
30) Naphthalene	10.522	128	1091079	30.209	ng/ul	100
32) 4-Chloroaniline	10.645	127	286634	18.170	ng/ul	99
33) Hexachlorobutadiene	10.792	225	184150	33.403	ng/ul	97
34) Caprolactam	11.428	113	87795m	22.920	ng/ul	
35) 4-Chloro-3-methylphenol	11.763	107	309208	27.108	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.139	142	680774	28.344	ng/ul	97
37) 1-Methylnaphthalene	12.363	142	672497	28.383	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.510	216	327242	32.718	ng/ul	97
40) Hexachlorocyclopentadiene	12.475	237	197196	29.701	ng/ul	99
41) 2,4,6-Trichlorophenol	12.757	196	197760	28.205	ng/ul	99
42) 2,4,5-Trichlorophenol	12.827	196	215845	28.725	ng/ul	100
43) 1,1'-Biphenyl	13.169	154	849455	30.428	ng/ul	100
44) 2-Chloronaphthalene	13.204	162	662476	30.240	ng/ul	99
45) 2-Nitroaniline	13.427	65	203685	29.616	ng/ul	98
47) Dimethylphthalate	13.804	163	787692	28.069	ng/ul	99
48) 2,6-Dinitrotoluene	13.933	165	154940	27.642	ng/ul	98
50) Acenaphthylene	14.057	152	1098431	29.881	ng/ul	100
51) 3-Nitroaniline	14.263	138	160736	26.548	ng/ul	97
52) Acenaphthene	14.404	153	714104	29.550	ng/ul	99
53) 2,4-Dinitrophenol	14.469	184	77720	21.676	ng/ul	94
55) 4-Nitrophenol	14.563	109	110673	27.619	ng/ul	90
56) Dibenzofuran	14.739	168	942809	29.330	ng/ul	99
57) 2,4-Dinitrotoluene	14.721	165	221631	27.392	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.968	232	159747	25.690	ng/ul	98
59) Diethylphthalate	15.180	149	791258	27.169	ng/ul	98
61) Fluorene	15.392	166	774673	29.466	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.392	204	370047	30.327	ng/ul	99
63) 4-Nitroaniline	15.427	138	179039m	30.940	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.480	198	129118	29.054	ng/ul#	96
67) N-Nitrosodiphenylamine	15.610	169	620962	32.181	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	210221	32.805	ng/ul	96
69) Hexachlorobenzene	16.386	284	244928	33.556	ng/ul	96
70) Atrazine	16.574	200	81552	12.933	ng/ul	98
71) Pentachlorophenol	16.739	266	129273	26.822	ng/ul	96
72) Phenanthrene	17.133	178	1132787	31.168	ng/ul	99
74) Anthracene	17.227	178	1158083	31.507	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	316689	37.008	ng/uL	99
76) Pentachlorobenzene	14.651	250	297565	35.968	ng/uL	99
77) Carbazole	17.504	167	1056541	30.589	ng/ul	99
78) Di-n-butylphthalate	18.074	149	1334502	28.725	ng/ul	99
80) Fluoranthene	19.156	202	1238692	30.394	ng/ul	99
82) Pyrene	19.521	202	1309629	30.866	ng/ul	99
83) Butylbenzylphthalate	20.445	149	558099	26.751	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.221	252	372468	30.860	ng/ul	99
85) Benzo(a)anthracene	21.274	228	1248833	29.805	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.221	149	862546	28.356	ng/ul	98
87) Chrysene	21.327	228	1163795	30.001	ng/ul	99
89) Di-n-octyl phthalate	22.115	149	1454960	25.907	ng/ul	100
90) Benzo(b)fluoranthene	22.862	252	1240111	29.533	ng/ul	99
91) Benzo(k)fluoranthene	22.909	252	1245503	30.285	ng/ul	99
93) Benzo(a)pyrene	23.439	252	1201014	30.576	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.803	276	1514037	34.365	ng/ul	98
95) Dibenzo(a,h)anthracene	25.821	278	1272192	34.631	ng/ul	98
96) Benzo(g,h,i)perylene	26.497	276	1218579	34.660	ng/ul	99

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

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