Quantitation Report (Qedit)

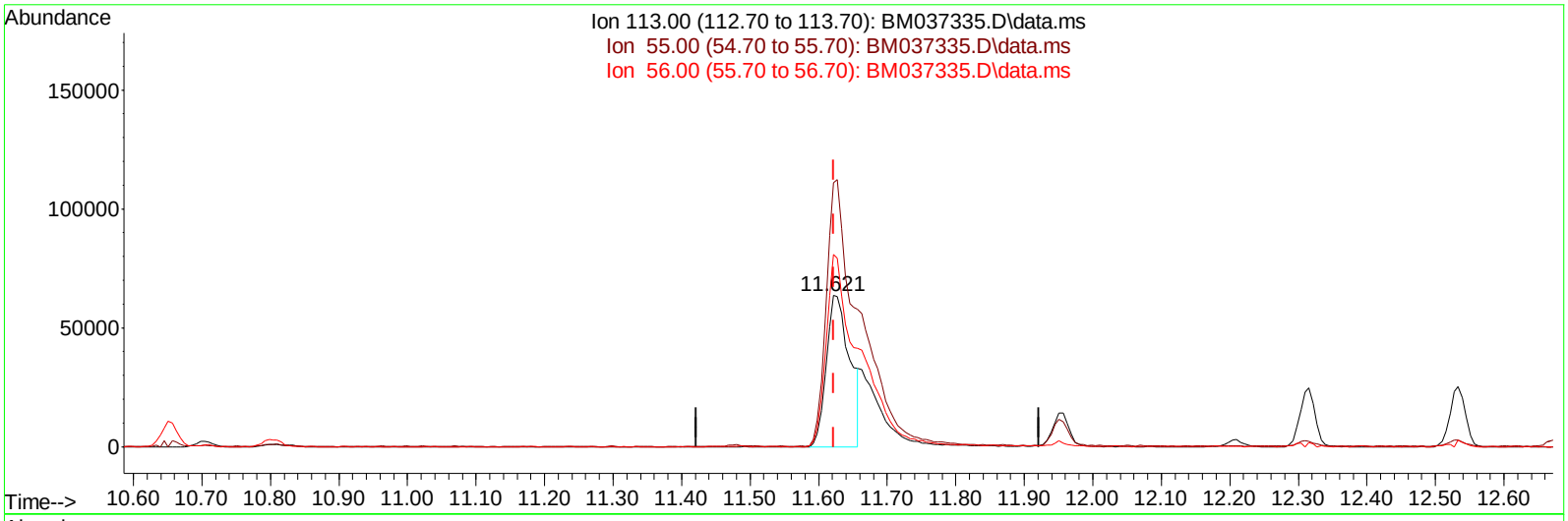
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110222\
Data File : BM037335.D
Acq On : 03 Nov 2022 02:24
Operator : CG/JU
Sample : PB148670BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

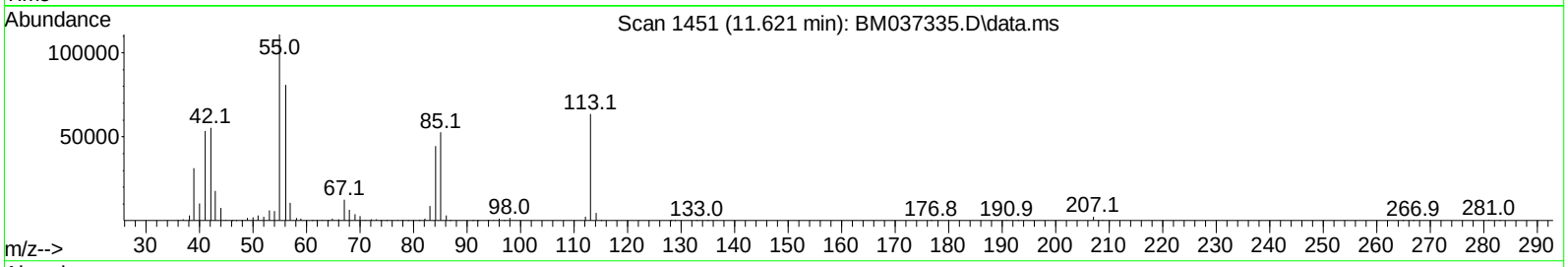
Quant Time: Nov 03 02:57:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 02 03:33:37 2022
Response via : Initial Calibration

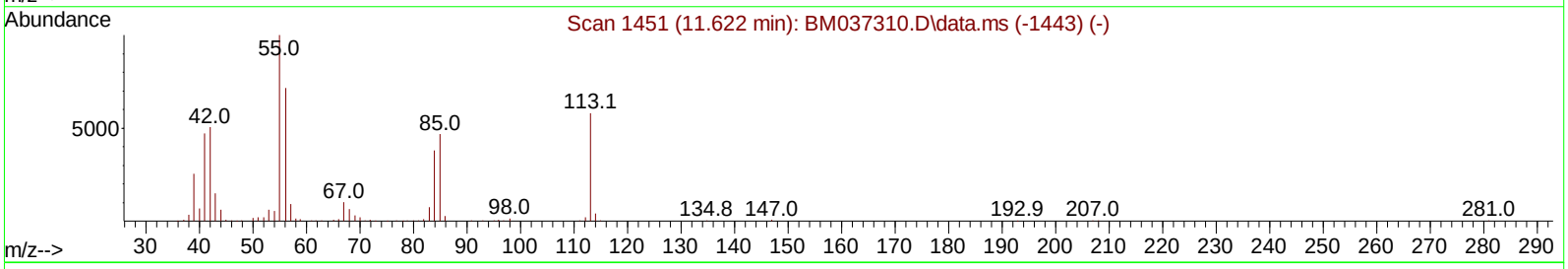
Instrument :
BNA_M
ClientSampleId :
SLCS670

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/03/2022
Supervised By :mohammad ahmed 11/04/2022







TIC: BM037335.D\data.ms

(34) Caprolactam

11.621min (-0.000) 19.19 ng/ul

response 151918

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	172.10	174.56
56.00	121.30	127.33
0.00	0.00	0.00

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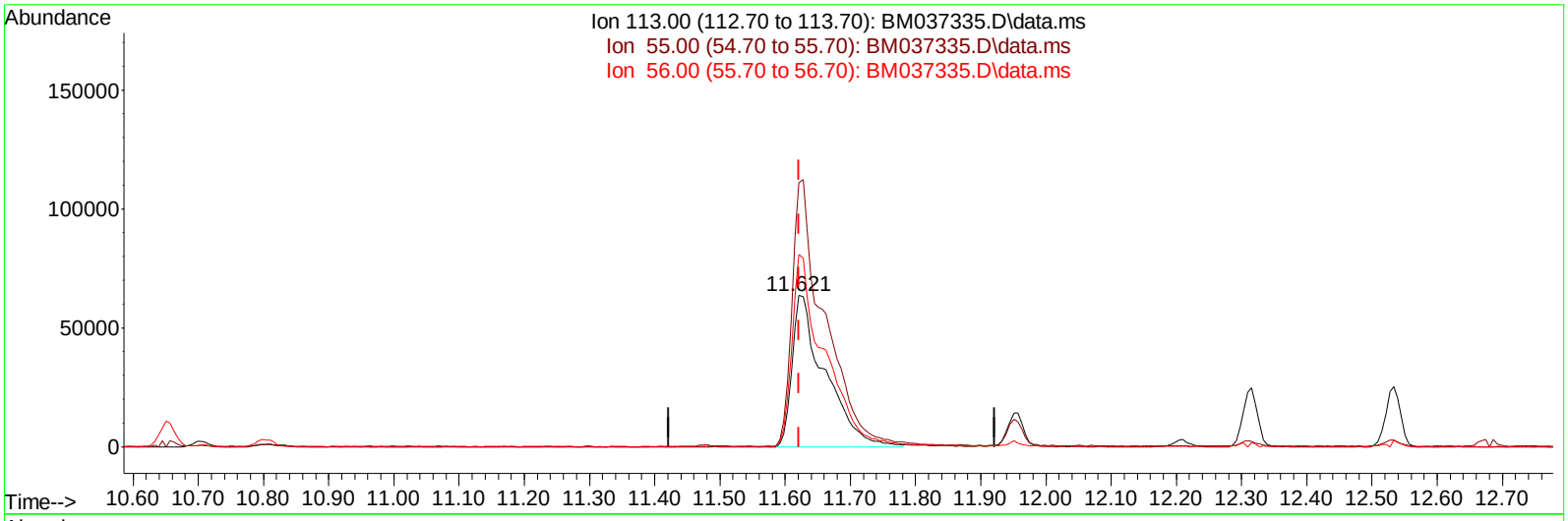

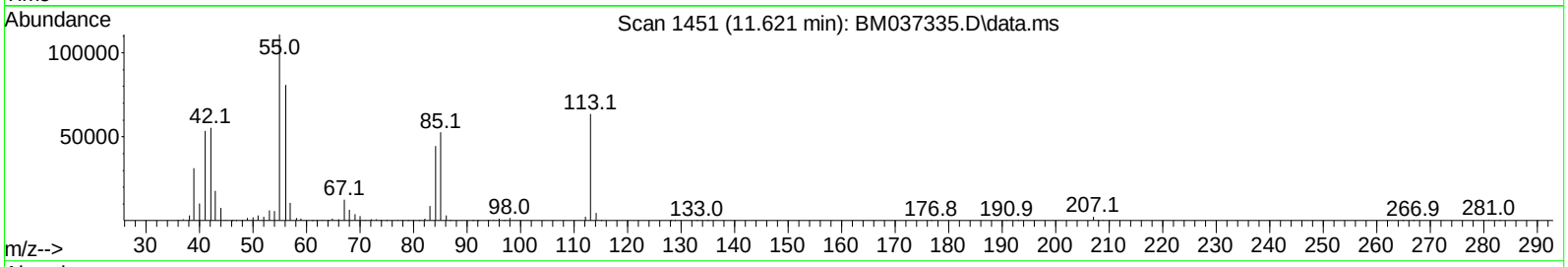

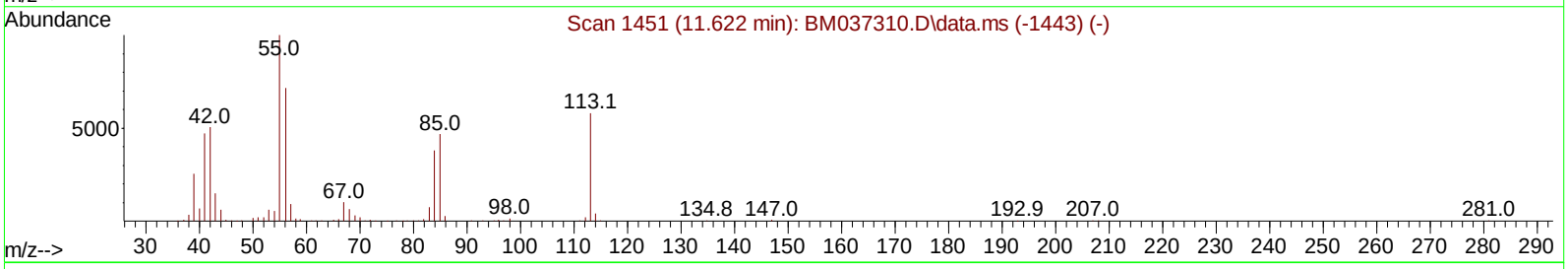

TIC: BM037335.D\data.ms

(34) Caprolactam

11.621min (-0.000) 27.88 ng/ul m

response 220775

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	172.10	174.56
56.00	121.30	127.33
0.00	0.00	0.00

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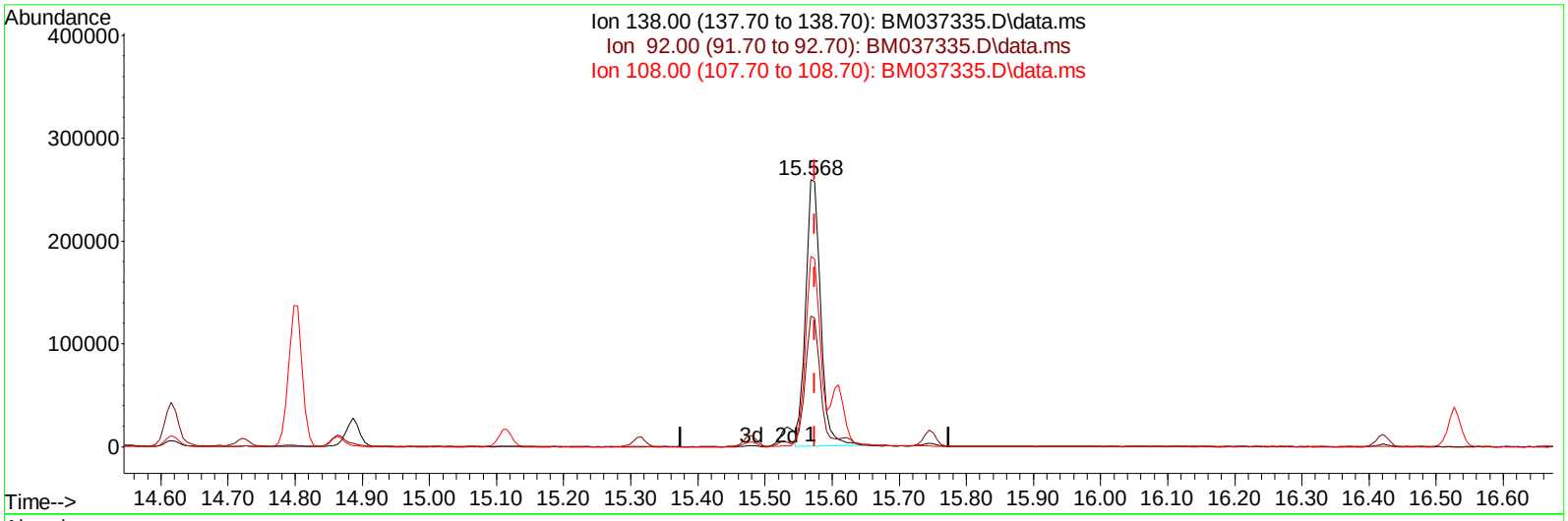

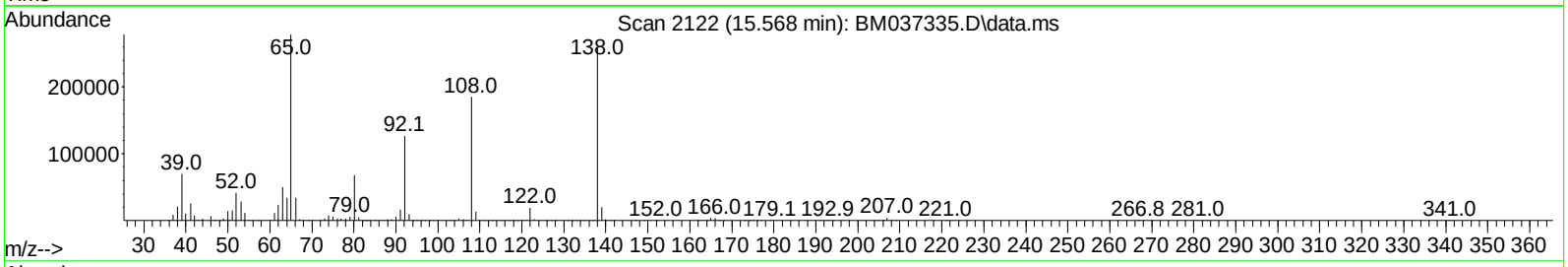

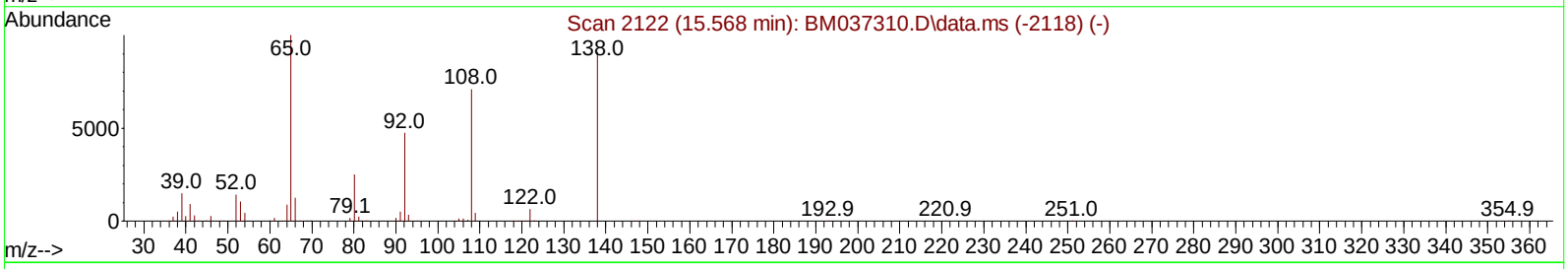

TIC: BM037335.D\data.ms

(63) 4-Nitroaniline

15.568min (-0.006) 28.54 ng/ul

response 402452

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.10	48.88
108.00	71.20	71.26
0.00	0.00	0.00

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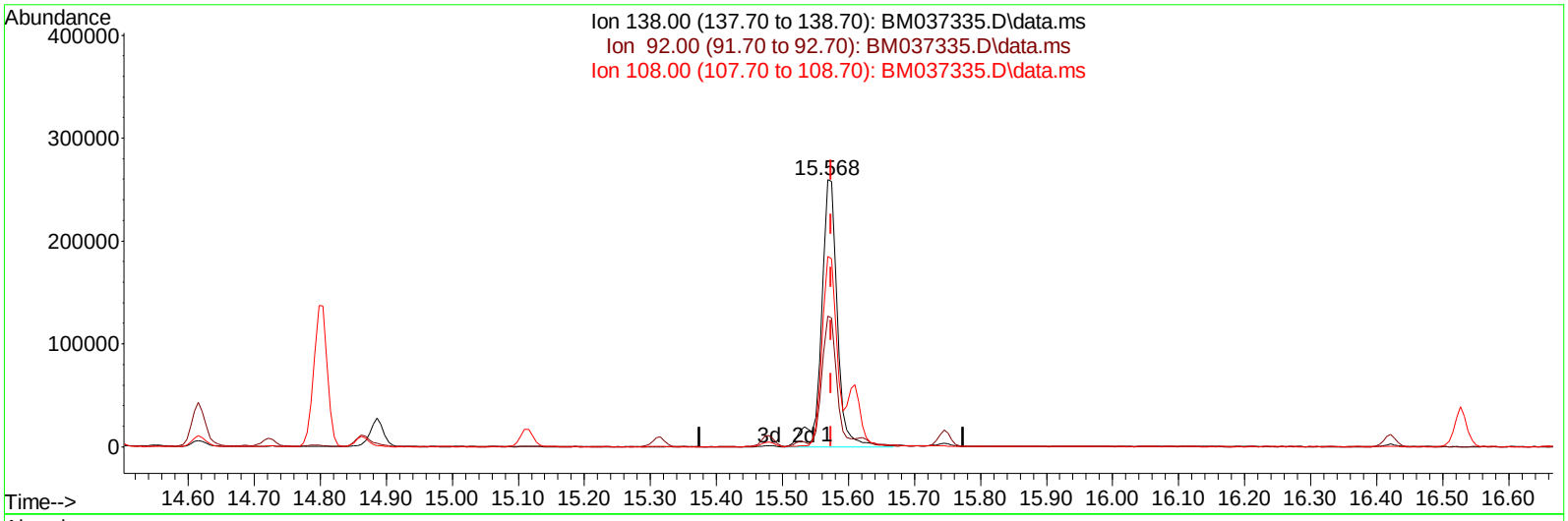

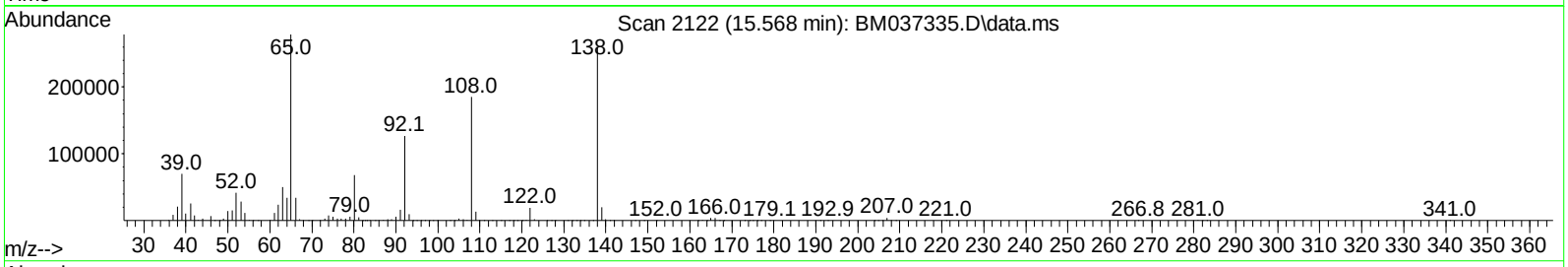

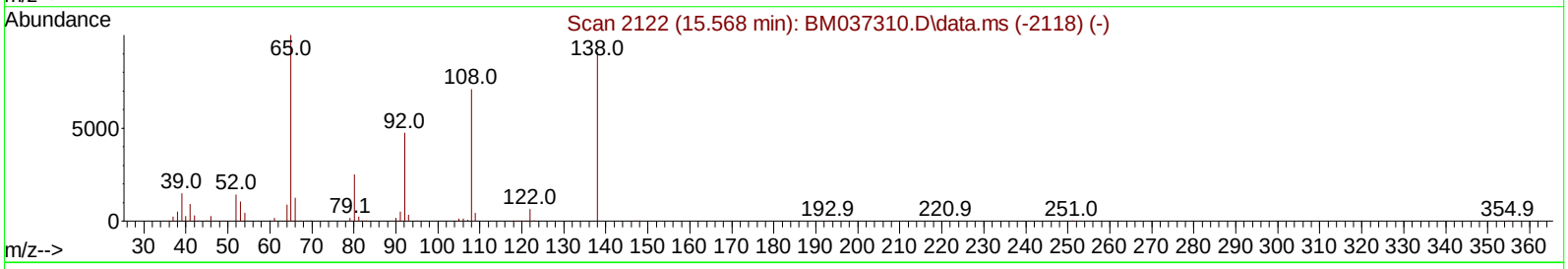

TIC: BM037335.D\data.ms

(63) 4-Nitroaniline

15.568min (-0.006) 31.00 ng/ul m

response 437122

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.10	48.88
108.00	71.20	71.26
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/04/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	342078	20.000	ng/ul	0.00
20) Naphthalene-d8	10.651	136	1558527	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.486	164	974635	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	1814000	20.000	ng/ul	0.00
79) Chrysene-d12	21.397	240	1491209	20.000	ng/ul	0.00
88) Perylene-d12	23.744	264	1394381	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	44910	5.787	ng/uL	0.00
4) Pyridine-d5	3.698	84	273634	11.812	ng/ul	0.00
7) Phenol-d5	7.028	99	878098	29.496	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.192	67	537643	29.430	ng/ul	0.00
11) 2-Chlorophenol-d4	7.386	132	710631	31.242	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	735005	30.235	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	373872	32.114	ng/ul	0.00
24) 2-Nitrophenol-d4	9.739	143	413835	32.633	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.280	165	758125	32.426	ng/ul	0.00
31) 4-Chloroaniline-d4	10.804	131	531284	14.870	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	2113690	31.366	ng/ul	0.00
49) Acenaphthylene-d8	14.180	160	2575031	31.784	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	369445	27.427	ng/ul	0.00
60) Fluorene-d10	15.480	176	1854671	30.863	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.609	200	350841	30.536	ng/ul	0.00
73) Anthracene-d10	17.327	188	2662658	31.872	ng/ul	0.00
81) Pyrene-d10	19.615	212	2713435	34.821	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.591	264	2343489	32.650	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	92425	11.336	ng/uL	97
5) Pyridine	3.716	79	536532	23.124	ng/ul	97
6) Benzaldehyde	6.998	77	506273	36.760	ng/ul	98
8) Phenol	7.057	94	868956	27.742	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.286	93	709601	28.239	ng/ul	98
12) 2-Chlorophenol	7.416	128	729962	29.658	ng/ul	99
13) 2-Methylphenol	8.304	108	687896	28.786	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.381	45	1013333	28.392	ng/ul	99
16) Acetophenone	8.686	105	1128584	28.948	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.675	70	587390	30.332	ng/ul	98
18) 4-Methylphenol	8.639	108	770749	29.279	ng/ul	98
19) Hexachloroethane	8.928	117	299742	30.686	ng/ul	100
22) Nitrobenzene	9.063	77	838679	29.847	ng/ul	99
23) Isophorone	9.592	82	1608524	29.680	ng/ul	100
25) 2-Nitrophenol	9.775	139	439948	30.353	ng/ul	99
26) 2,4-Dimethylphenol	9.833	107	786600	28.862	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.075	93	1022228	30.338	ng/ul	99
29) 2,4-Dichlorophenol	10.310	162	739971	30.755	ng/ul	100
30) Naphthalene	10.704	128	2455295	29.528	ng/ul	100
32) 4-Chloroaniline	10.827	127	890855	24.062	ng/ul	100
33) Hexachlorobutadiene	10.980	225	445165	30.044	ng/ul	99
34) Caprolactam	11.621	113	220775m	27.884	ng/ul	
35) 4-Chloro-3-methylphenol	11.951	107	749660	30.039	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.316	142	1686831	29.375	ng/ul	99
37) 1-Methylnaphthalene	12.533	142	1698516	29.395	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.680	216	889119	30.396	ng/ul	99
40) Hexachlorocyclopentadiene	12.651	237	486615	29.756	ng/ul	100
41) 2,4,6-Trichlorophenol	12.927	196	570005	30.186	ng/ul	99
42) 2,4,5-Trichlorophenol	12.998	196	626523	30.814	ng/ul	99
43) 1,1'-Biphenyl	13.327	154	2256973	31.157	ng/ul	99
44) 2-Chloronaphthalene	13.368	162	1770857	30.423	ng/ul	98
45) 2-Nitroaniline	13.586	65	477959	31.141	ng/ul	94
47) Dimethylphthalate	13.957	163	2162642	30.129	ng/ul	100
48) 2,6-Dinitrotoluene	14.080	165	447323	31.827	ng/ul	95
50) Acenaphthylene	14.210	152	2699183	30.481	ng/ul	100
51) 3-Nitroaniline	14.410	138	452997	29.867	ng/ul	98
52) Acenaphthene	14.551	153	1874877	29.756	ng/ul	100
53) 2,4-Dinitrophenol	14.615	184	255173	27.037	ng/ul	97
55) 4-Nitrophenol	14.721	109	259432	26.192	ng/ul	97
56) Dibenzofuran	14.886	168	2526693	29.698	ng/ul	99
57) 2,4-Dinitrotoluene	14.862	165	611806	29.708	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.115	232	482687	27.269	ng/ul	97
59) Diethylphthalate	15.315	149	2103123	29.417	ng/ul	100
61) Fluorene	15.533	166	2138939	29.722	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.527	204	1057673	29.906	ng/ul	99
63) 4-Nitroaniline	15.568	138	437122m	30.999	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.621	198	356306	29.192	ng/ul	97
67) N-Nitrosodiphenylamine	15.745	169	1743016	32.414	ng/ul	99
68) 4-Bromophenyl-phenylether	16.421	248	629785	32.635	ng/ul	99
69) Hexachlorobenzene	16.527	284	747794	31.751	ng/ul	100
70) Atrazine	16.698	200	142345	7.477	ng/ul	99
71) Pentachlorophenol	16.880	266	365213	25.340	ng/ul	96
72) Phenanthrene	17.274	178	3119571	30.756	ng/ul	100
74) Anthracene	17.362	178	3126689	30.638	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.286	216	923349	35.126	ng/uL	99
76) Pentachlorobenzene	14.804	250	882868	30.867	ng/uL	99
77) Carbazole	17.639	167	2650892	28.793	ng/ul	99
78) Di-n-butylphthalate	18.198	149	3273637	30.863	ng/ul	100
80) Fluoranthene	19.280	202	3261135	34.009	ng/ul	99
82) Pyrene	19.644	202	3403700	33.694	ng/ul	99
83) Butylbenzylphthalate	20.539	149	1288229	32.834	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.321	252	1048284	30.332	ng/ul	99
85) Benzo(a)anthracene	21.386	228	3002528	31.374	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.309	149	1866629	34.120	ng/ul	100
87) Chrysene	21.438	228	2814800	31.259	ng/ul	99
89) Di-n-octyl phthalate	22.215	149	2977794	29.353	ng/ul	100
90) Benzo(b)fluoranthene	23.032	252	2960684	30.522	ng/ul	100
91) Benzo(k)fluoranthene	23.080	252	2770455	29.171	ng/ul	99
93) Benzo(a)pyrene	23.644	252	2521426	31.081	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.173	276	3271333	37.678	ng/ul	99
95) Dibenzo(a,h)anthracene	26.185	278	2786580	35.690	ng/ul	100
96) Benzo(g,h,i)perylene	26.920	276	2718103	36.538	ng/ul	99

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

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