Quantitation Report (Qedit)

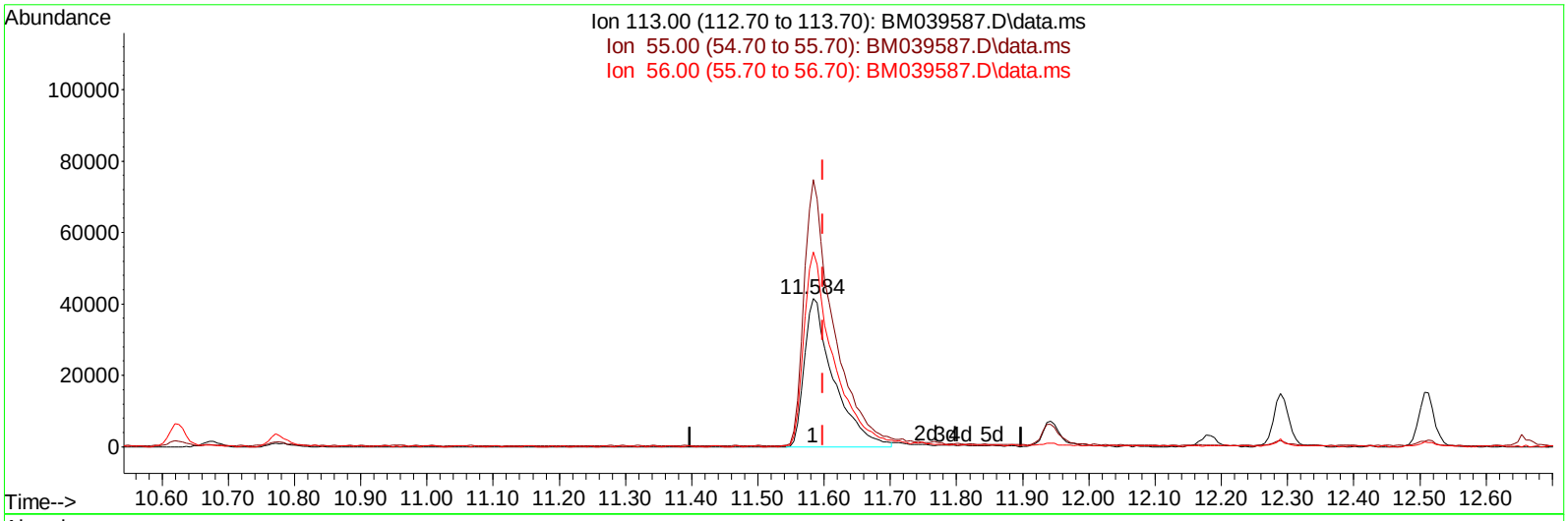
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042223\
Data File : BM039587.D
Acq On : 22 Apr 2023 21:42
Operator : CG/JU
Sample : PB152287BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

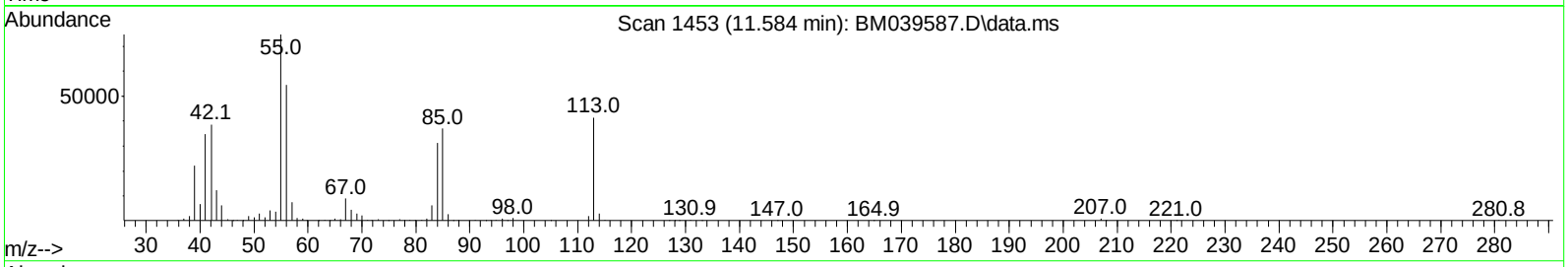
Quant Time: Apr 22 23:35:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 19 08:18:41 2023
Response via : Initial Calibration

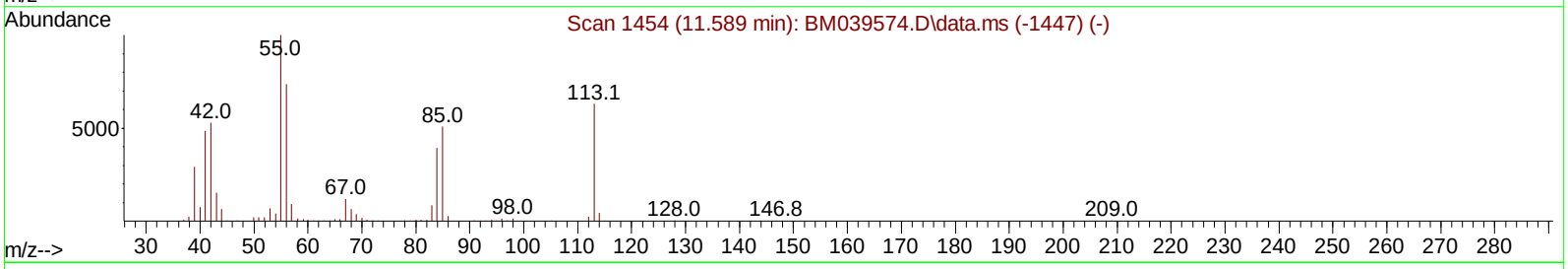
Instrument :
BNA_M
ClientSampleId :
SLCS287

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/24/2023
Supervised By :Jagrut Upadhyay 04/24/2023







TIC: BM039587.D\data.ms

(34) Caprolactam

11.584min (-0.015) 25.05 ng/ul

response 127942

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	180.36
56.00	129.90	131.74
0.00	0.00	0.00

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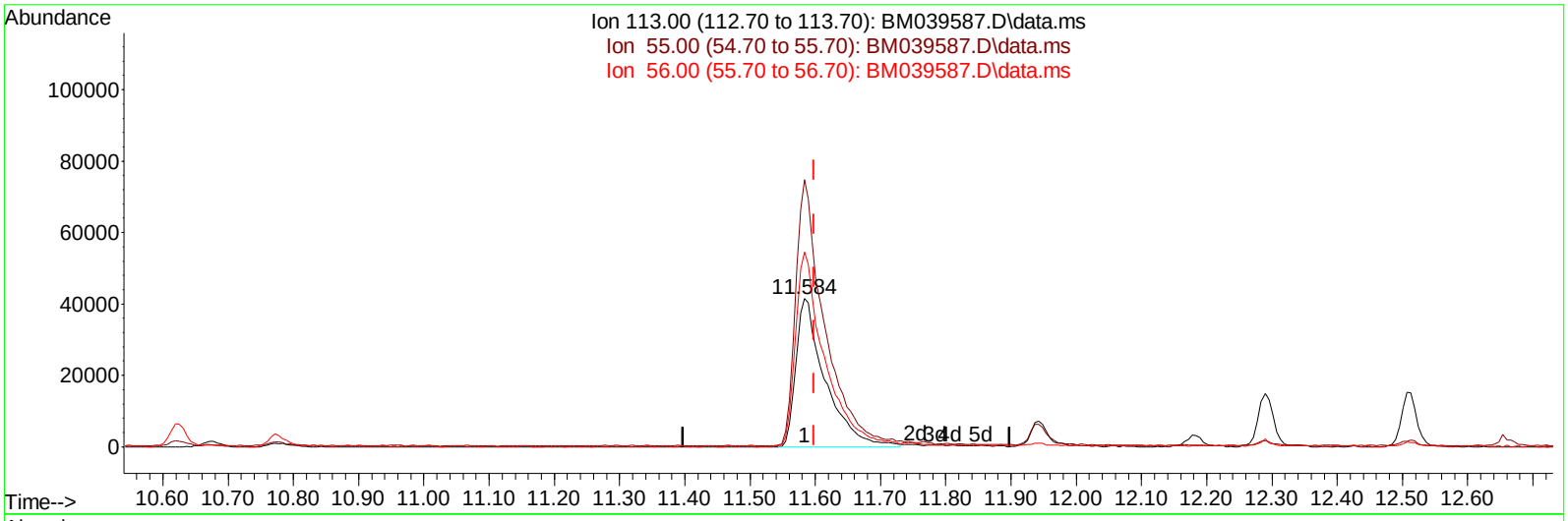

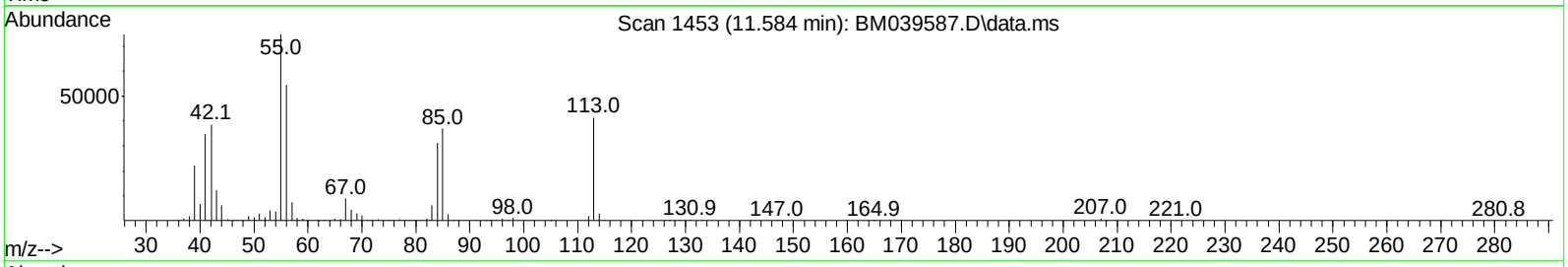

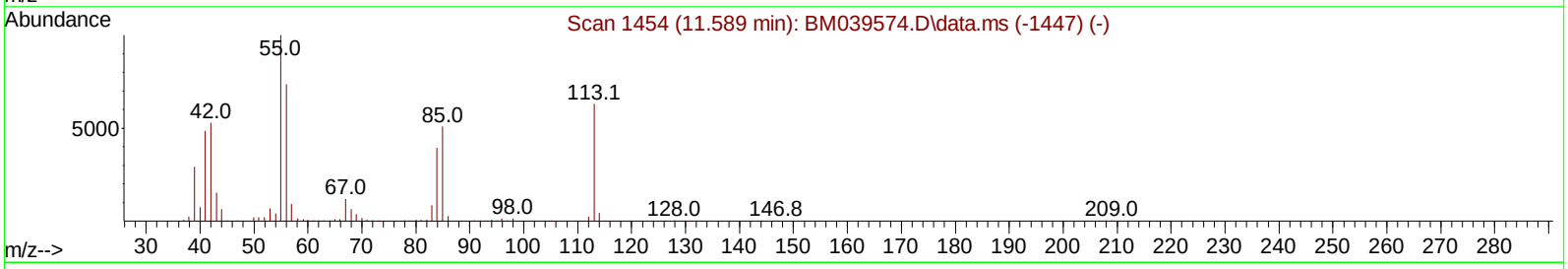

TIC: BM039587.D\data.ms

(34) Caprolactam

11.584min (-0.015) 25.38 ng/ul m

response 129610

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	180.36
56.00	129.90	131.74
0.00	0.00	0.00

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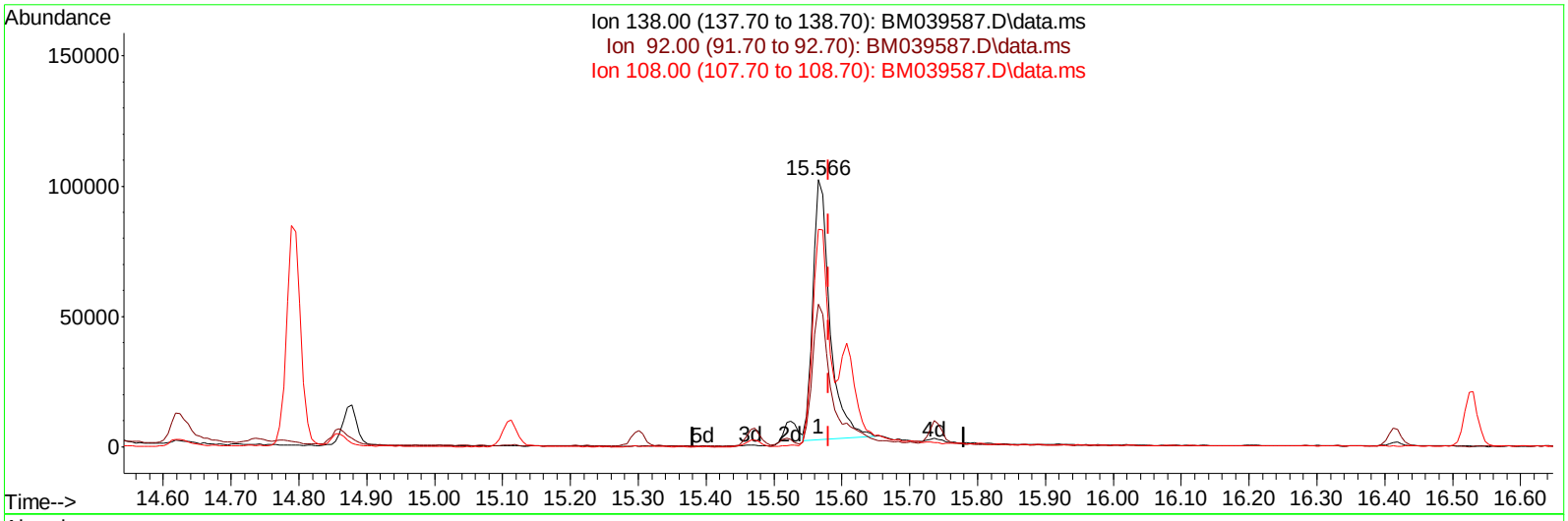

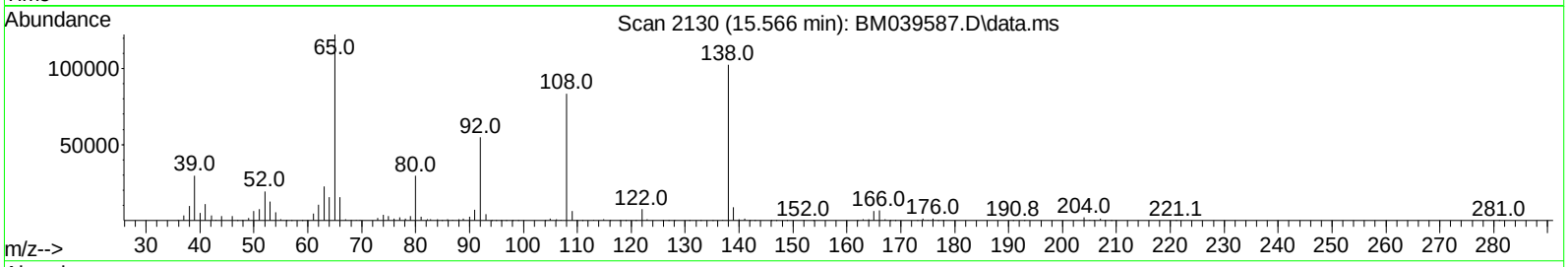

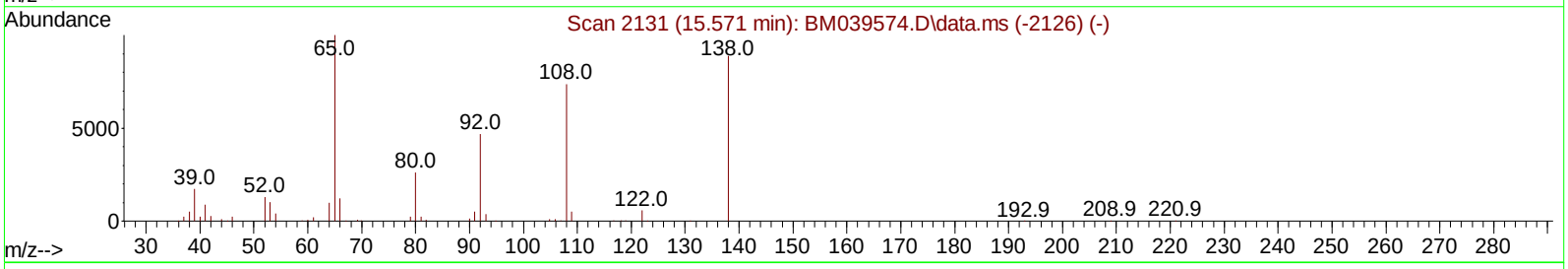

TIC: BM039587.D\data.ms

(63) 4-Nitroaniline

15.566min (-0.015) 29.77 ng/ul

response 174290

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	55.10	53.35
108.00	80.80	81.43
0.00	0.00	0.00

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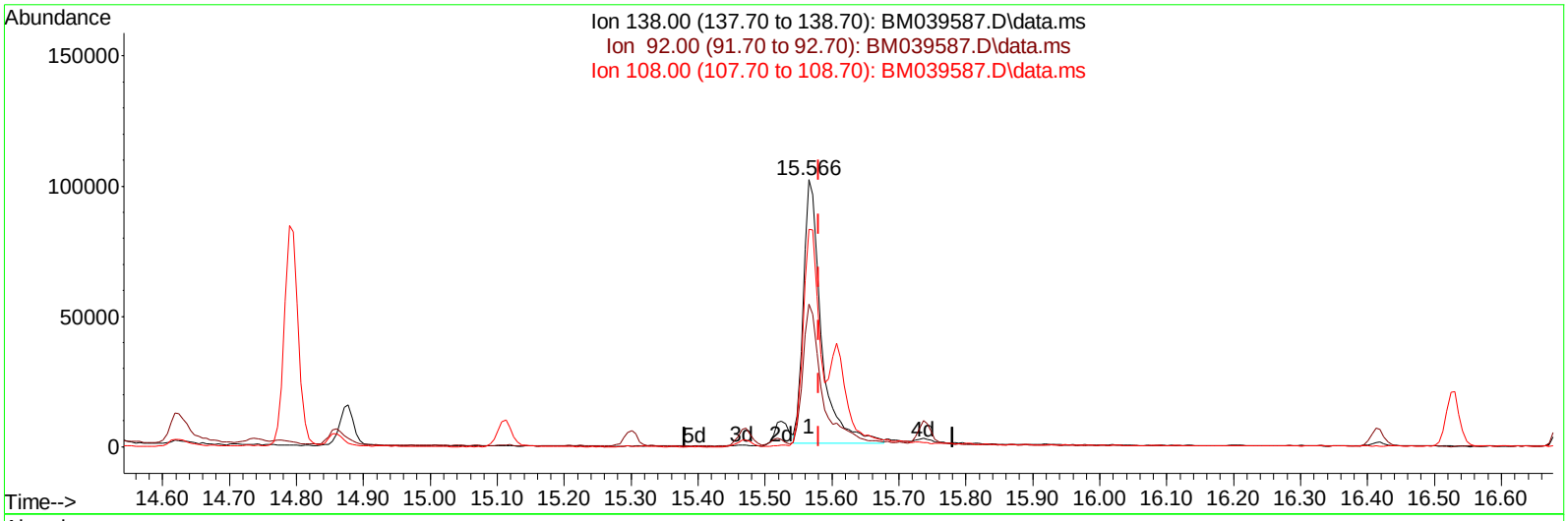

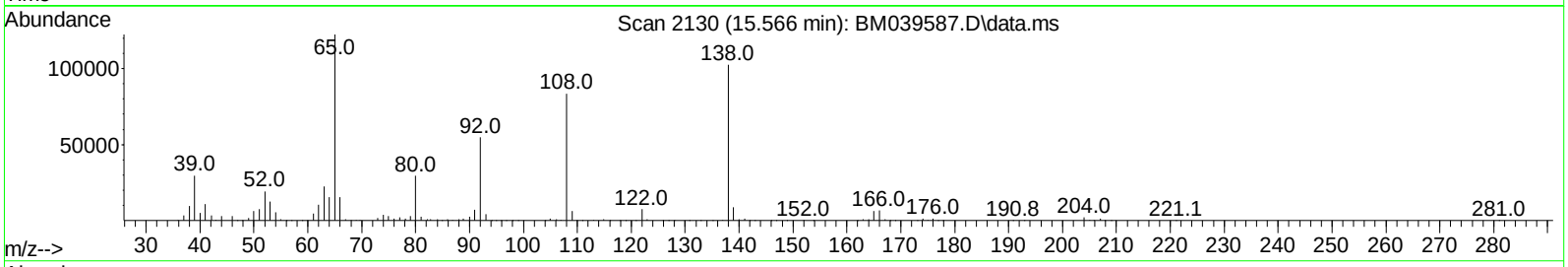

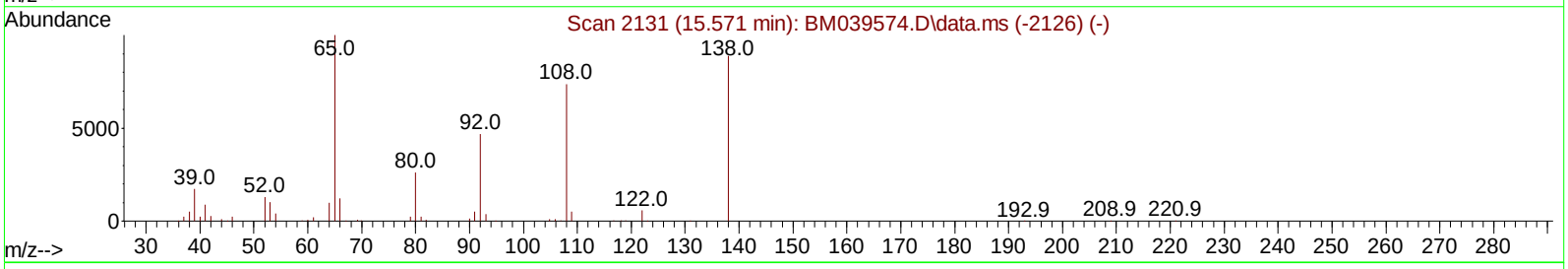

TIC: BM039587.D\data.ms

(63) 4-Nitroaniline

15.566min (-0.015) 32.45 ng/ul m

response 189970

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	55.10	53.35
108.00	80.80	81.43
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	7.813	152	219914	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.625	136	895580	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.477	164	504417	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.230	188	956417	20.000	ng/ul	0.00
79) Chrysene-d12	21.424	240	768778	20.000	ng/ul	0.00
88) Perylene-d12	23.789	264	807616	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.208	96	33351	5.821	ng/uL	0.00
4) Pyridine-d5	3.631	84	423152	26.286	ng/ul	0.00
7) Phenol-d5	7.001	99	580302	28.831	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.148	67	378615	28.459	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.348	132	481990	30.527	ng/ul	-0.01
15) 4-Methylphenol-d8	8.548	113	448489	27.662	ng/ul	-0.01
21) Nitrobenzene-d5	8.990	128	233566	32.417	ng/ul	0.00
24) 2-Nitrophenol-d4	9.713	143	261649	32.340	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.260	165	441524	31.716	ng/ul	0.00
31) 4-Chloroaniline-d4	10.772	131	557812	26.828	ng/ul	-0.01
46) Dimethylphthalate-d6	13.889	166	1208527	29.708	ng/ul	-0.01
49) Acenaphthylene-d8	14.166	160	1461438	31.978	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.724	143	135688	22.039	ng/ul	0.00
60) Fluorene-d10	15.471	176	1010937	30.332	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.607	200	187917	29.567	ng/ul	0.00
73) Anthracene-d10	17.330	188	1452835	31.586	ng/ul	0.00
81) Pyrene-d10	19.624	212	1581929	30.967	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.636	264	1397812	32.058	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.243	88	68791	10.972	ng/uL	95
5) Pyridine	3.655	79	436023	25.687	ng/ul	97
6) Benzaldehyde	6.960	77	310122	36.064	ng/ul	98
8) Phenol	7.031	94	589361	28.124	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.243	93	474777	27.173	ng/ul	98
12) 2-Chlorophenol	7.384	128	462245	29.095	ng/ul	100
13) 2-Methylphenol	8.278	108	446553	27.434	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.354	45	665366	27.418	ng/ul	99
16) Acetophenone	8.648	105	720053	27.038	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.631	70	384045	26.055	ng/ul	97
18) 4-Methylphenol	8.613	108	472388	26.881	ng/ul	99
19) Hexachloroethane	8.890	117	210989	29.239	ng/ul	97
22) Nitrobenzene	9.031	77	554175	31.150	ng/ul	98
23) Isophorone	9.554	82	1075474	28.350	ng/ul	99
25) 2-Nitrophenol	9.742	139	262070	31.045	ng/ul	96
26) 2,4-Dimethylphenol	9.813	107	491079	28.467	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.042	93	637084	28.559	ng/ul	99
29) 2,4-Dichlorophenol	10.284	162	415088	30.269	ng/ul	98
30) Naphthalene	10.672	128	1488350	30.036	ng/ul	99
32) 4-Chloroaniline	10.801	127	497943	24.305	ng/ul	100
33) Hexachlorobutadiene	10.948	225	282552	31.270	ng/ul	99
34) Caprolactam	11.584	113	129610m	25.380	ng/ul	
35) 4-Chloro-3-methylphenol	11.942	107	452927	28.288	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.289	142	938410	28.250	ng/ul	99
37) 1-Methylnaphthalene	12.513	142	960006	28.759	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.660	216	485097	32.039	ng/ul	97
40) Hexachlorocyclopentadiene	12.630	237	168458	18.674	ng/ul	97
41) 2,4,6-Trichlorophenol	12.913	196	315912	31.232	ng/ul	99
42) 2,4,5-Trichlorophenol	13.001	196	325915	31.002	ng/ul	98
43) 1,1'-Biphenyl	13.307	154	1231276	31.586	ng/ul	99
44) 2-Chloronaphthalene	13.348	162	966204	31.597	ng/ul	100
45) 2-Nitroaniline	13.572	65	279820	31.709	ng/ul	98
47) Dimethylphthalate	13.936	163	1165062	28.926	ng/ul	100
48) 2,6-Dinitrotoluene	14.066	165	236693	29.056	ng/ul	98
50) Acenaphthylene	14.195	152	1501580	30.716	ng/ul	100
51) 3-Nitroaniline	14.401	138	215630	28.242	ng/ul	99
52) Acenaphthene	14.536	153	1015187	30.162	ng/ul	99
53) 2,4-Dinitrophenol	14.624	184	91974	21.211	ng/ul	96
55) 4-Nitrophenol	14.736	109	100087	21.402	ng/ul	94
56) Dibenzofuran	14.877	168	1375581	30.068	ng/ul	100
57) 2,4-Dinitrotoluene	14.860	165	331928	29.325	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.113	232	269014	28.588	ng/ul	98
59) Diethylphthalate	15.301	149	1186073	28.407	ng/ul	100
61) Fluorene	15.524	166	1119389	29.579	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.519	204	552068	29.433	ng/ul	99
63) 4-Nitroaniline	15.566	138	189970m	32.446	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.624	198	178866	29.272	ng/ul	96
67) N-Nitrosodiphenylamine	15.736	169	911720	31.995	ng/ul	100
68) 4-Bromophenyl-phenylether	16.418	248	322592	31.229	ng/ul	98
69) Hexachlorobenzene	16.530	284	374034	31.518	ng/ul	99
70) Atrazine	16.695	200	264321	24.998	ng/ul	99
71) Pentachlorophenol	16.889	266	181022	26.094	ng/ul	98
72) Phenanthrene	17.271	178	1634300	30.779	ng/ul	99
74) Anthracene	17.360	178	1652486	31.022	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.272	216	487700	34.239	ng/uL	98
76) Pentachlorobenzene	14.795	250	465448	33.198	ng/uL	98
77) Carbazole	17.642	167	1463921	30.927	ng/ul	100
78) Di-n-butylphthalate	18.195	149	1930838	28.840	ng/ul	99
80) Fluoranthene	19.295	202	1810148	30.231	ng/ul	96
82) Pyrene	19.654	202	1880953	30.344	ng/ul	98
83) Butylbenzylphthalate	20.554	149	841988	28.777	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.342	252	560967	32.905	ng/ul	100
85) Benzo(a)anthracene	21.406	228	1696965	30.518	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.330	149	1213559	27.890	ng/ul	99
87) Chrysene	21.459	228	1610505	30.364	ng/ul	100
89) Di-n-octyl phthalate	22.242	149	2087125	25.721	ng/ul	100
90) Benzo(b)fluoranthene	23.065	252	1640806	28.874	ng/ul	99
91) Benzo(k)fluoranthene	23.112	252	1685682	30.205	ng/ul	100
93) Benzo(a)pyrene	23.683	252	1478856	30.874	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.235	276	1931683	36.664	ng/ul	97
95) Dibenzo(a,h)anthracene	26.253	278	1597594	36.572	ng/ul	99
96) Benzo(g,h,i)perylene	26.994	276	1549448	36.918	ng/ul	99

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

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