Quantitation Report (Qedit)

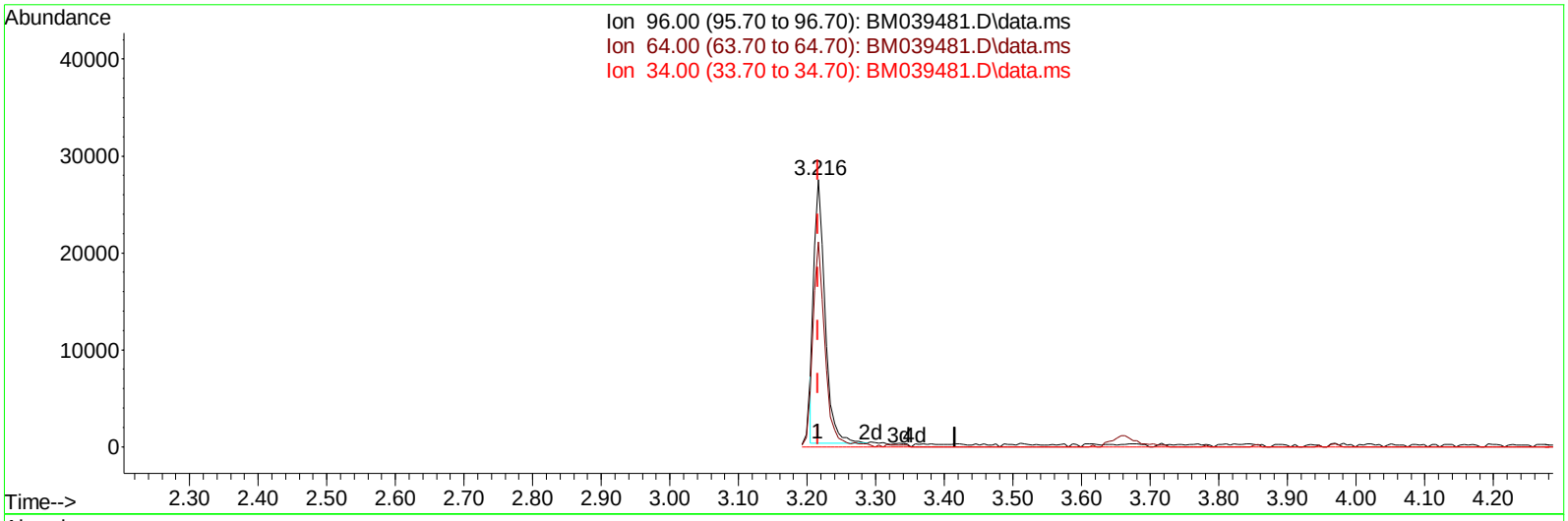
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039481.D
Acq On : 19 Apr 2023 05:53
Operator : CG/JU
Sample : PB152173BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

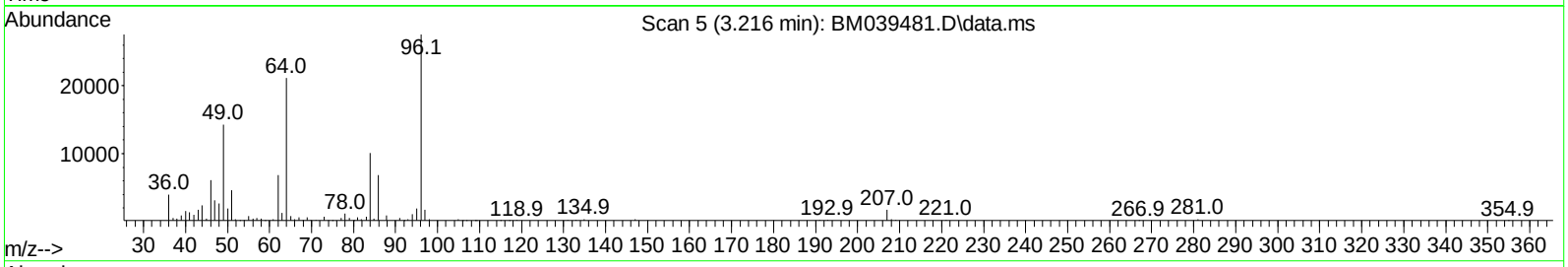
Quant Time: Apr 19 06:31:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 18 23:56:45 2023
Response via : Initial Calibration

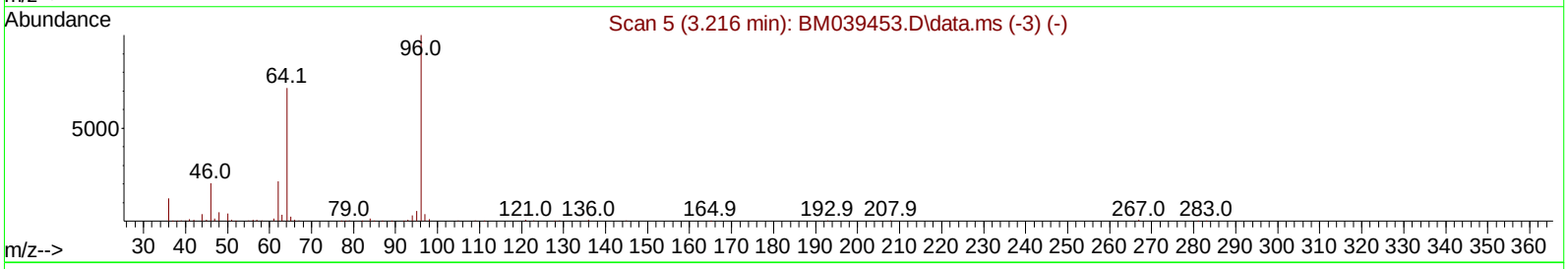
Instrument :
BNA_M
ClientSampleId :
SLCS173

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023







TIC: BM039481.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.216min (+ 0.000) 5.33 ng/uL

response 30697

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	73.10	76.79
34.00	0.00	0.00
0.00	0.00	0.00

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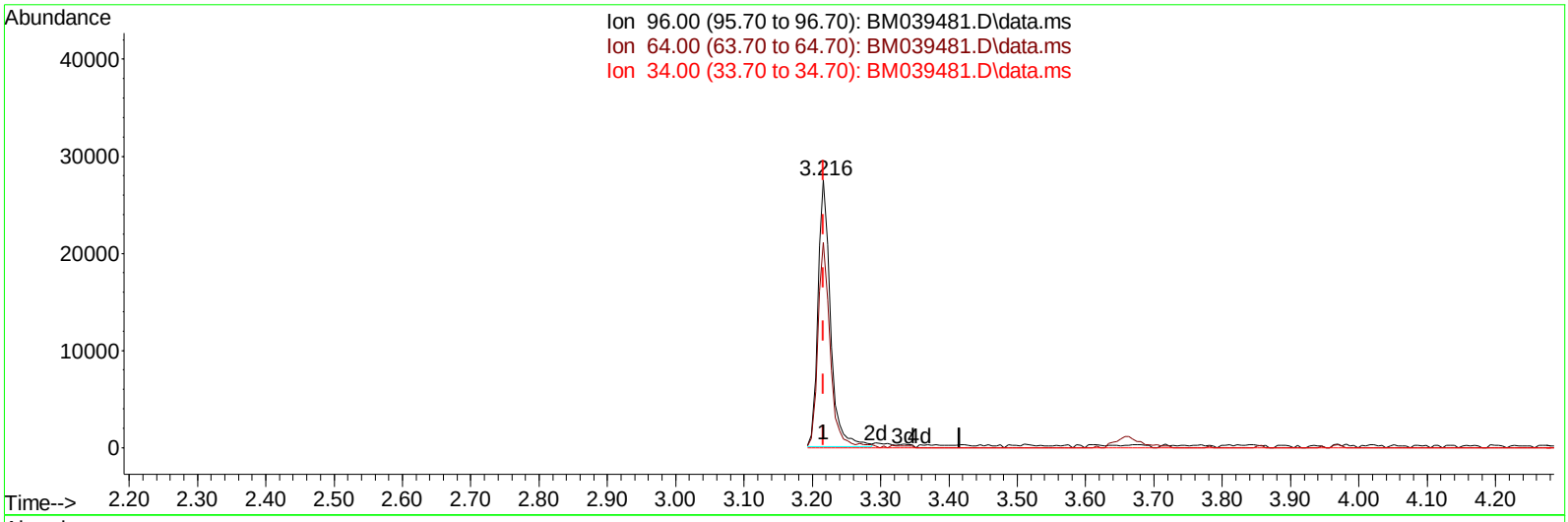

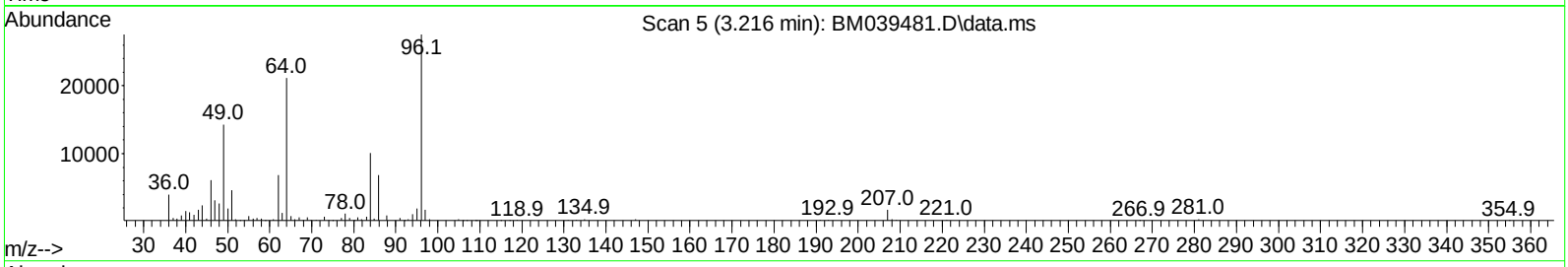

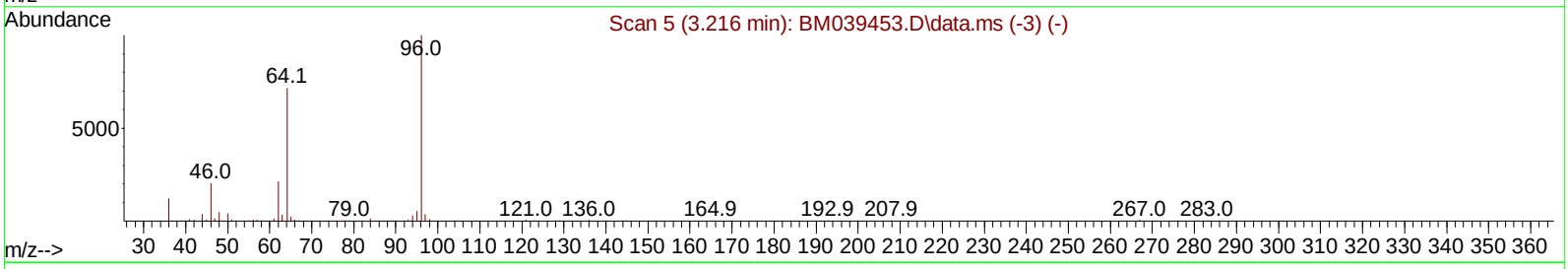

TIC: BM039481.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.216min (+ 0.000) 6.05 ng/uL m

response 34868

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	73.10	76.79
34.00	0.00	0.00
0.00	0.00	0.00

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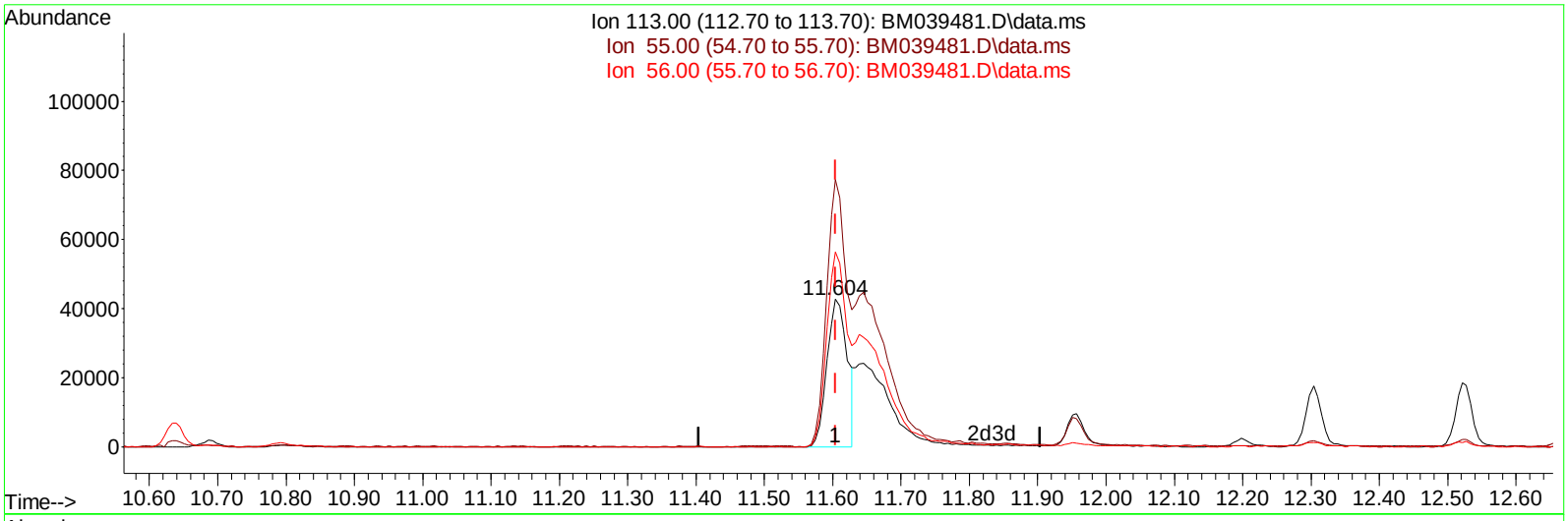

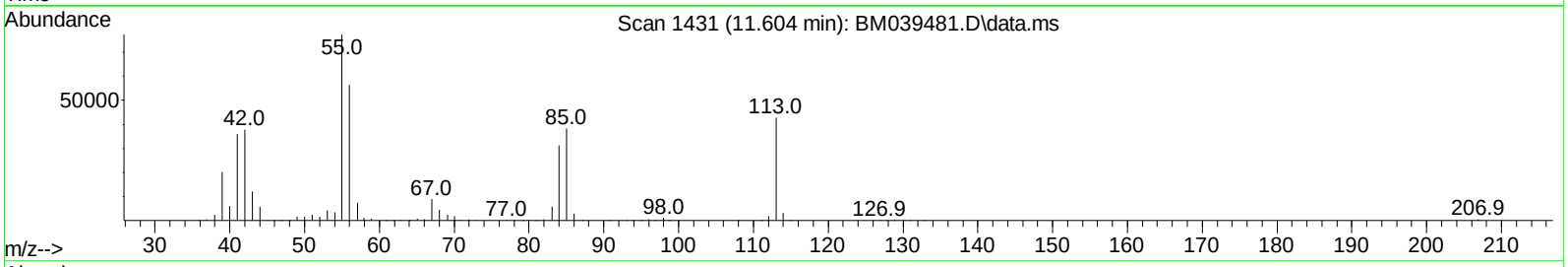

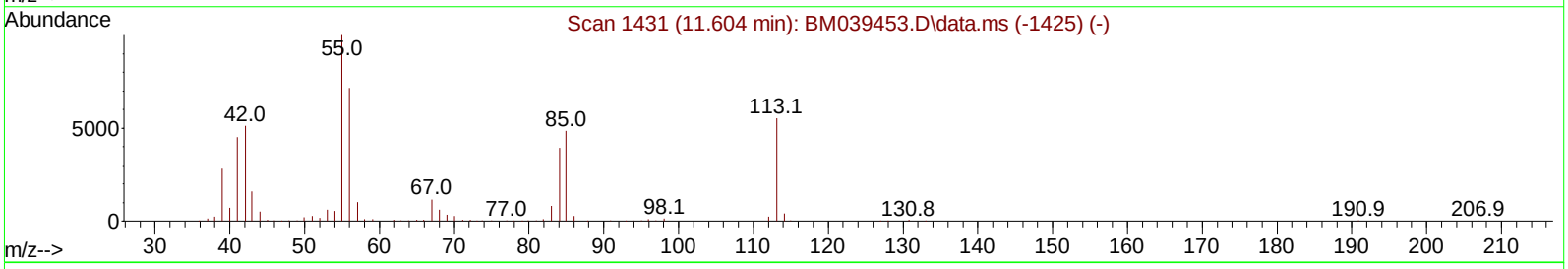

TIC: BM039481.D\data.ms

(34) Caprolactam

11.604min (-0.000) 14.99 ng/ul

response 87826

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	180.93
56.00	129.90	132.07
0.00	0.00	0.00

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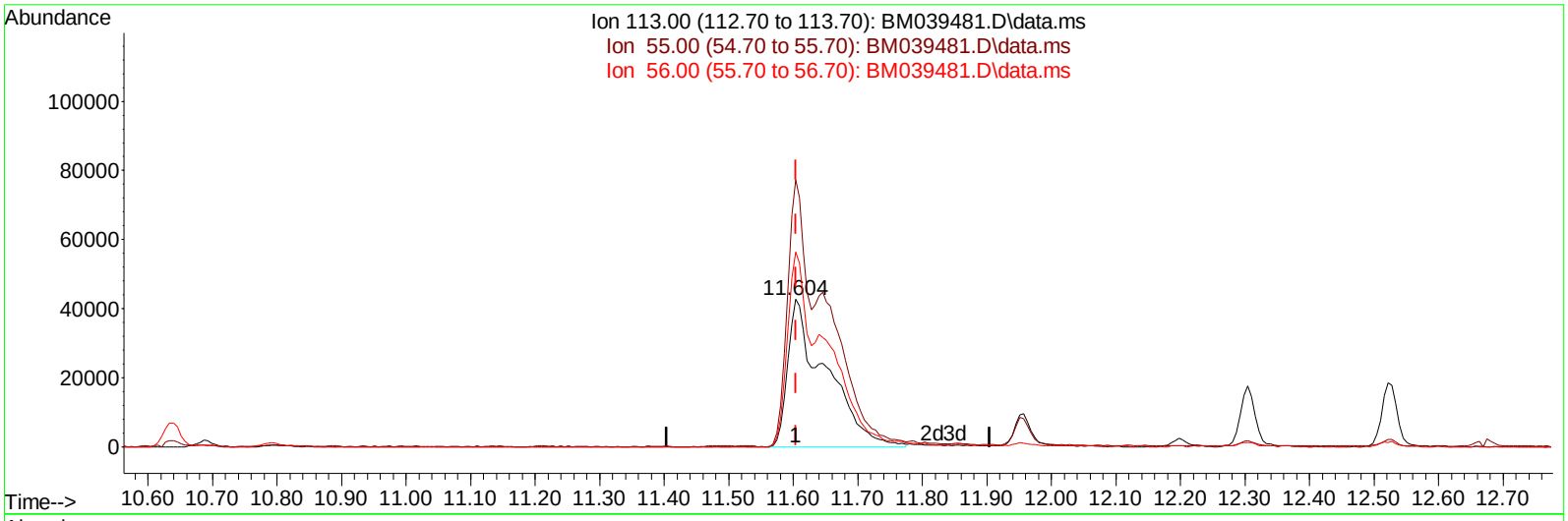

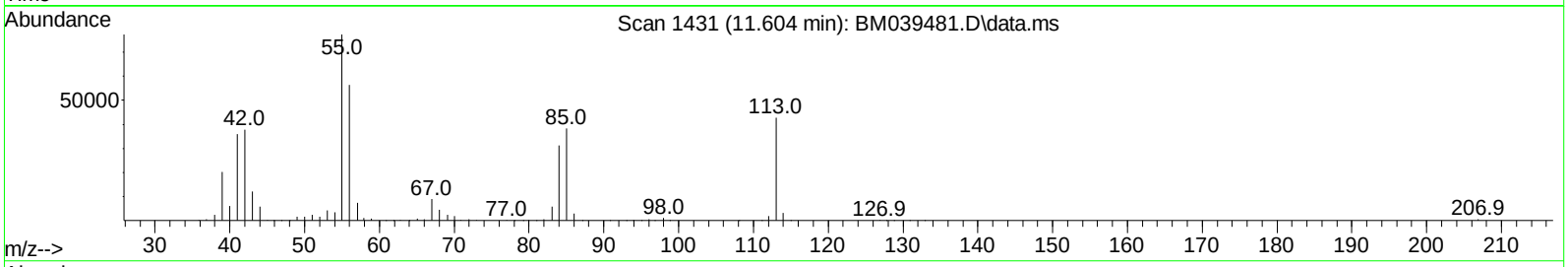

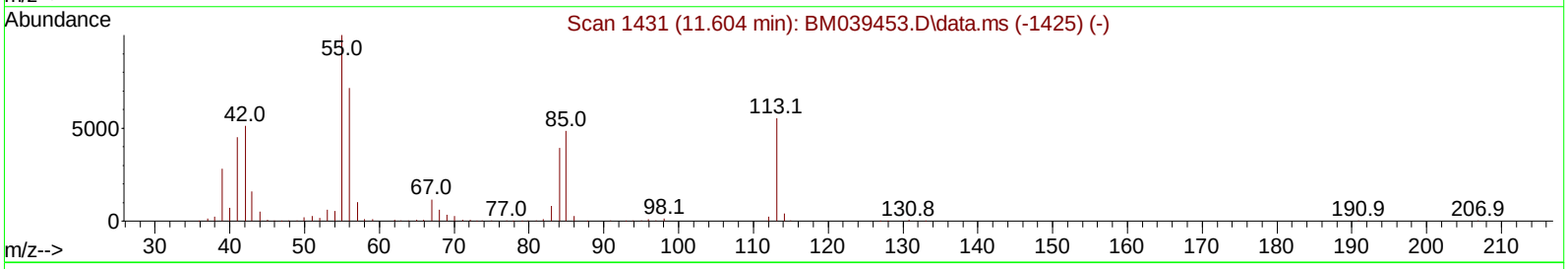

TIC: BM039481.D\data.ms

(34) Caprolactam

11.604min (-0.000) 29.76 ng/ul m

response 174420

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	181.90	180.93
56.00	129.90	132.07
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	221067	20.000	ng/ul	0.00
20) Naphthalene-d8	10.639	136	1027728	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.486	164	652112	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	1334053	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	1010743	20.000	ng/ul	-0.01
88) Perylene-d12	23.797	264	936416	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	34868m	6.054	ng/uL	0.00
4) Pyridine-d5	3.646	84	280758	17.349	ng/ul	0.00
7) Phenol-d5	7.016	99	656100	32.427	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	427370	31.957	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	517630	32.613	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	529677	32.499	ng/ul	0.00
21) Nitrobenzene-d5	9.004	128	266090	32.182	ng/ul	0.00
24) 2-Nitrophenol-d4	9.728	143	302175	32.547	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	526361	32.948	ng/ul	0.00
31) 4-Chloroaniline-d4	10.792	131	189916	7.960	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	1653514	31.440	ng/ul	0.00
49) Acenaphthylene-d8	14.180	160	1886778	31.934	ng/ul	0.00
54) 4-Nitrophenol-d4	14.727	143	251151	31.554	ng/ul	0.00
60) Fluorene-d10	15.480	176	1363762	31.650	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.615	200	290967	32.821	ng/ul	0.00
73) Anthracene-d10	17.339	188	2063906	32.170	ng/ul	0.00
81) Pyrene-d10	19.633	212	2268780	33.780	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.644	264	1629111	32.224	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.251	88	71503	11.345	ng/uL	97
5) Pyridine	3.663	79	488897	28.652	ng/ul	93
6) Benzaldehyde	6.969	77	337633	39.058	ng/ul	97
8) Phenol	7.045	94	660882	31.372	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.257	93	532665	30.328	ng/ul	99
12) 2-Chlorophenol	7.398	128	500777	31.355	ng/ul	99
13) 2-Methylphenol	8.292	108	501097	30.625	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.369	45	756822	31.024	ng/ul	99
16) Acetophenone	8.663	105	830040	31.005	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.651	70	452712	30.554	ng/ul	96
18) 4-Methylphenol	8.628	108	551244	31.205	ng/ul	99
19) Hexachloroethane	8.904	117	220013	30.331	ng/ul	95
22) Nitrobenzene	9.045	77	632212	30.967	ng/ul	99
23) Isophorone	9.569	82	1306343	30.007	ng/ul	99
25) 2-Nitrophenol	9.757	139	295154	30.468	ng/ul	96
26) 2,4-Dimethylphenol	9.828	107	591358	29.872	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.057	93	761914	29.763	ng/ul	100
29) 2,4-Dichlorophenol	10.298	162	492363	31.288	ng/ul	99
30) Naphthalene	10.686	128	1710574	30.082	ng/ul	99
32) 4-Chloroaniline	10.816	127	414121	17.615	ng/ul	99
33) Hexachlorobutadiene	10.963	225	300465	28.976	ng/ul	98
34) Caprolactam	11.604	113	174420m	29.763	ng/ul	
35) 4-Chloro-3-methylphenol	11.957	107	573640	31.221	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.304	142	1130599	29.659	ng/ul	100
37) 1-Methylnaphthalene	12.521	142	1171916	30.593	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.674	216	580664	29.665	ng/ul	99
40) Hexachlorocyclopentadiene	12.645	237	314451	26.963	ng/ul	99
41) 2,4,6-Trichlorophenol	12.921	196	391009	29.901	ng/ul	99
42) 2,4,5-Trichlorophenol	13.004	196	425704	31.323	ng/ul	99
43) 1,1'-Biphenyl	13.321	154	1523270	30.226	ng/ul	100
44) 2-Chloronaphthalene	13.363	162	1193451	30.189	ng/ul	100
45) 2-Nitroaniline	13.580	65	370016	32.434	ng/ul	97
47) Dimethylphthalate	13.951	163	1566313	30.081	ng/ul	100
48) 2,6-Dinitrotoluene	14.080	165	325519	30.910	ng/ul	98
50) Acenaphthylene	14.210	152	1913515	30.277	ng/ul	100
51) 3-Nitroaniline	14.410	138	311829	31.591	ng/ul	99
52) Acenaphthene	14.551	153	1301358	29.907	ng/ul	100
53) 2,4-Dinitrophenol	14.621	184	166324	29.670	ng/ul	99
55) 4-Nitrophenol	14.739	109	185207	30.634	ng/ul	94
56) Dibenzofuran	14.886	168	1789455	30.256	ng/ul	99
57) 2,4-Dinitrotoluene	14.868	165	454863	31.085	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.121	232	354499	29.140	ng/ul	99
59) Diethylphthalate	15.315	149	1612557	29.874	ng/ul	100
61) Fluorene	15.539	166	1493411	30.525	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.533	204	724744	29.887	ng/ul	98
63) 4-Nitroaniline	15.580	138	268598	35.485	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.633	198	265726	31.177	ng/ul	96
67) N-Nitrosodiphenylamine	15.751	169	1219786	30.689	ng/ul	100
68) 4-Bromophenyl-phenylether	16.427	248	437083	30.335	ng/ul	99
69) Hexachlorobenzene	16.539	284	506582	30.604	ng/ul	98
70) Atrazine	16.704	200	150951	10.235	ng/ul	99
71) Pentachlorophenol	16.892	266	273547	28.269	ng/ul	98
72) Phenanthrene	17.280	178	2256400	30.466	ng/ul	99
74) Anthracene	17.374	178	2271690	30.574	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.286	216	590620	29.727	ng/uL	98
76) Pentachlorobenzene	14.804	250	595370	30.444	ng/uL	99
77) Carbazole	17.651	167	2001261	30.311	ng/ul	99
78) Di-n-butylphthalate	18.209	149	2775154	29.717	ng/ul	100
80) Fluoranthene	19.303	202	2534980	32.201	ng/ul	97
82) Pyrene	19.668	202	2609321	32.018	ng/ul	97
83) Butylbenzylphthalate	20.562	149	1139907	29.632	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.350	252	667269	29.770	ng/ul	98
85) Benzo(a)anthracene	21.415	228	2202044	30.121	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	1624978	28.405	ng/ul	100
87) Chrysene	21.468	228	2122294	30.434	ng/ul	100
89) Di-n-octyl phthalate	22.250	149	2584646	27.471	ng/ul	100
90) Benzo(b)fluoranthene	23.074	252	1947879	29.563	ng/ul	100
91) Benzo(k)fluoranthene	23.127	252	2009063	31.048	ng/ul	100
93) Benzo(a)pyrene	23.691	252	1698569	30.584	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.256	276	2083503	34.106	ng/ul	99
95) Dibenzo(a,h)anthracene	26.268	278	1731687	34.189	ng/ul	99
96) Benzo(g,h,i)perylene	27.009	276	1683491	34.594	ng/ul	100

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

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