Quantitation Report (Qedit)

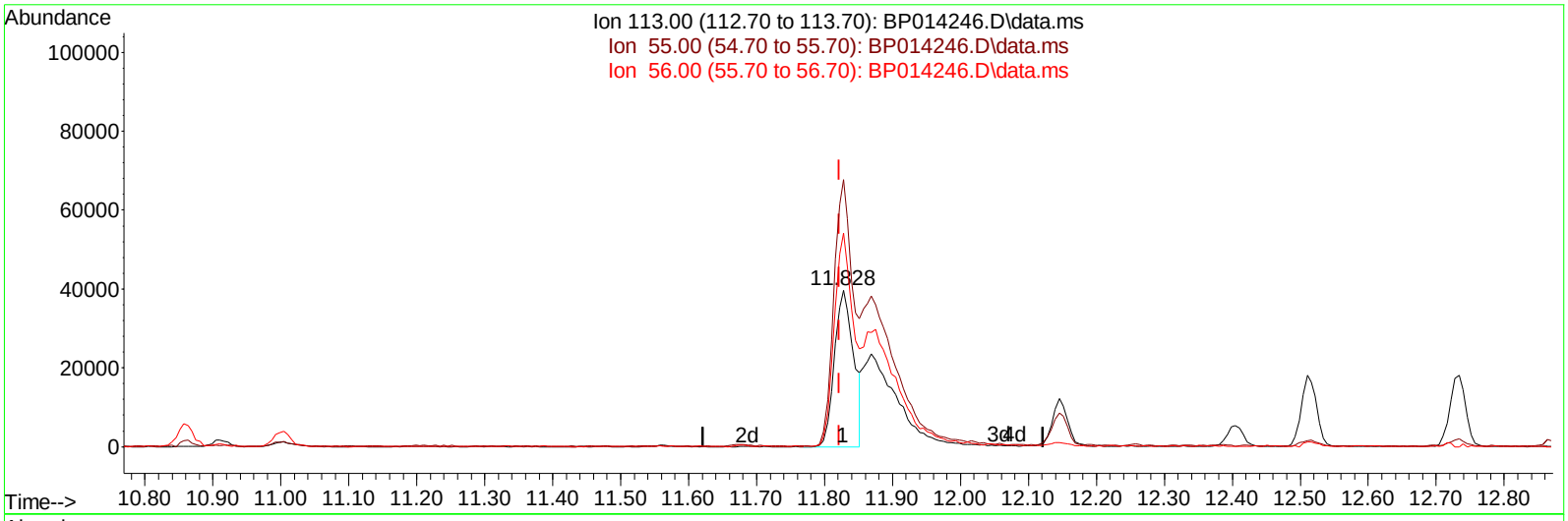
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014246.D
Acq On : 23 Mar 2023 08:26
Operator : CG/JU
Sample : 01977-16MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

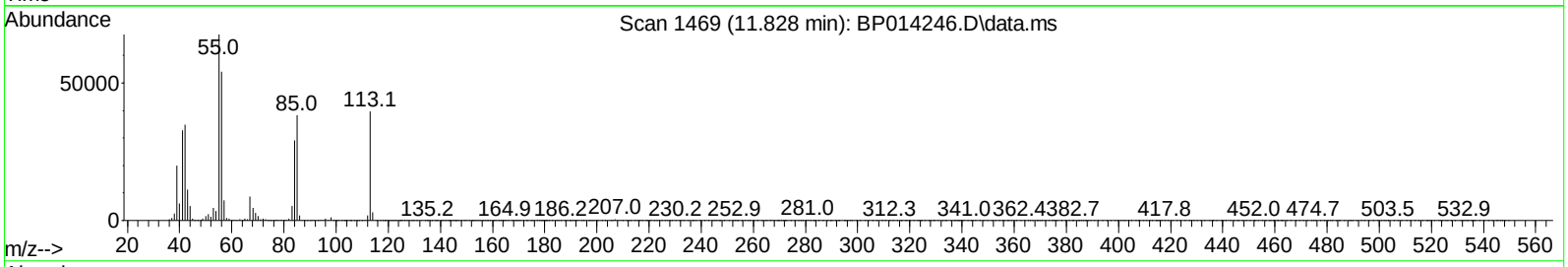
Quant Time: Mar 23 09:10:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 23 04:56:06 2023
Response via : Initial Calibration

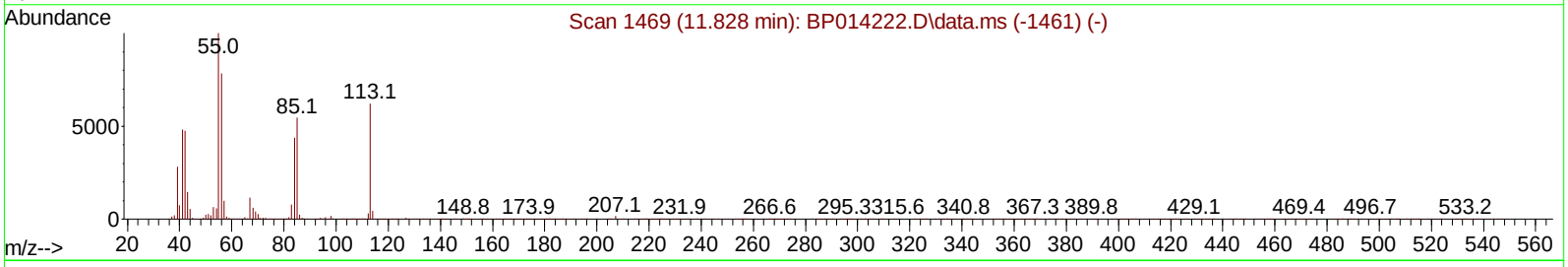
Instrument :
BNA_P
ClientSampleId :
EYGA2MS

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/23/2023
Supervised By :Jagrut Upadhyay 03/23/2023







TIC: BP014246.D\data.ms

(34) Caprolactam

11.828min (+ 0.006) 19.16 ng/ul

response 78556

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	170.34
56.00	127.50	136.39
0.00	0.00	0.00

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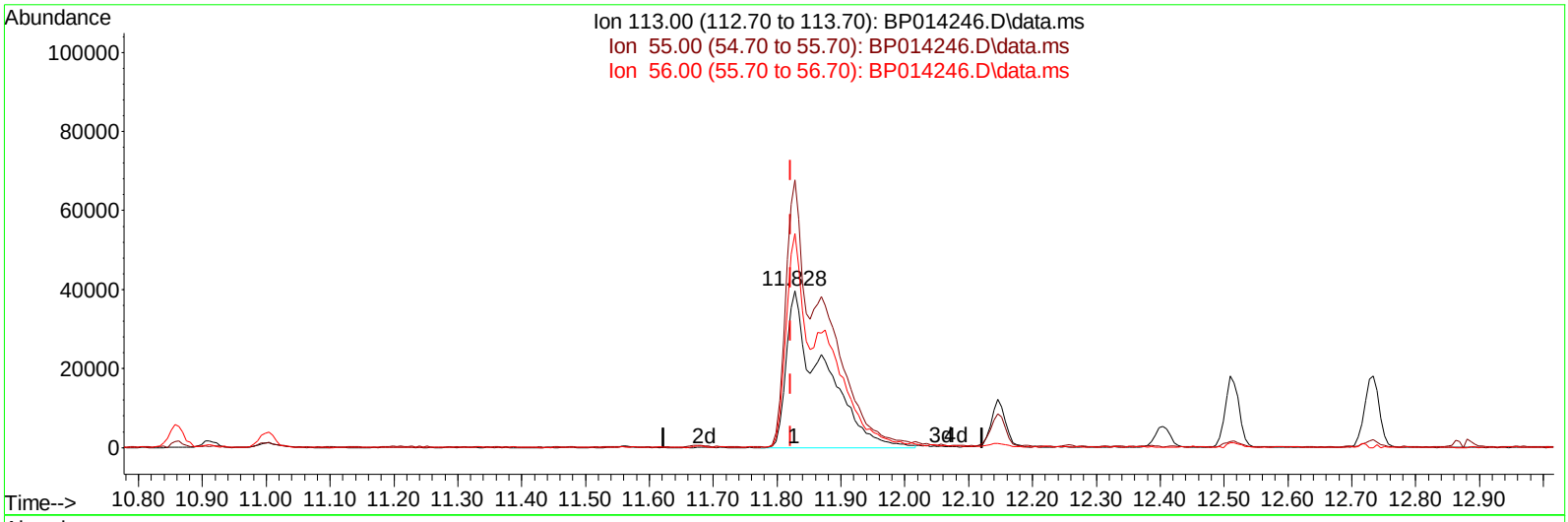

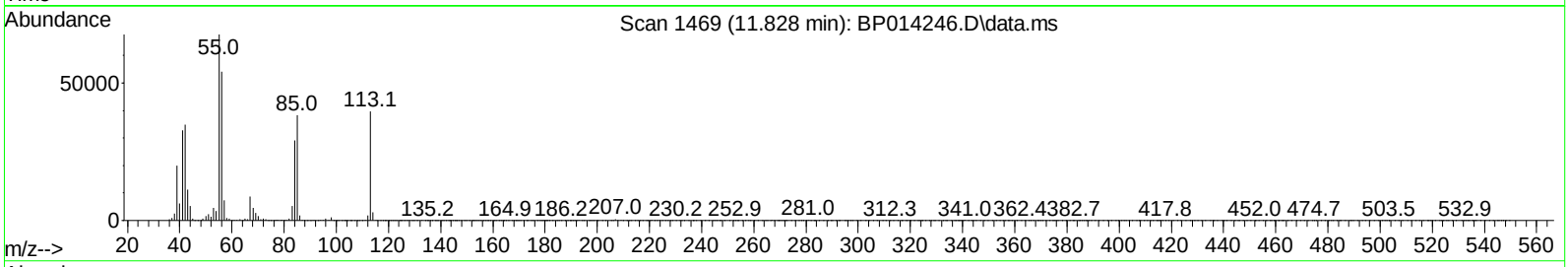

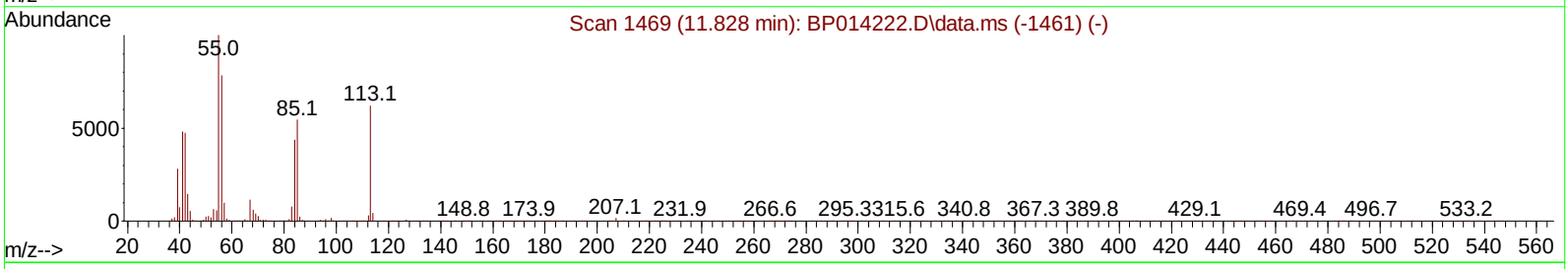

TIC: BP014246.D\data.ms

(34) Caprolactam

11.828min (+ 0.006) 38.88 ng/ul m

response 159386

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	170.34
56.00	127.50	136.39
0.00	0.00	0.00

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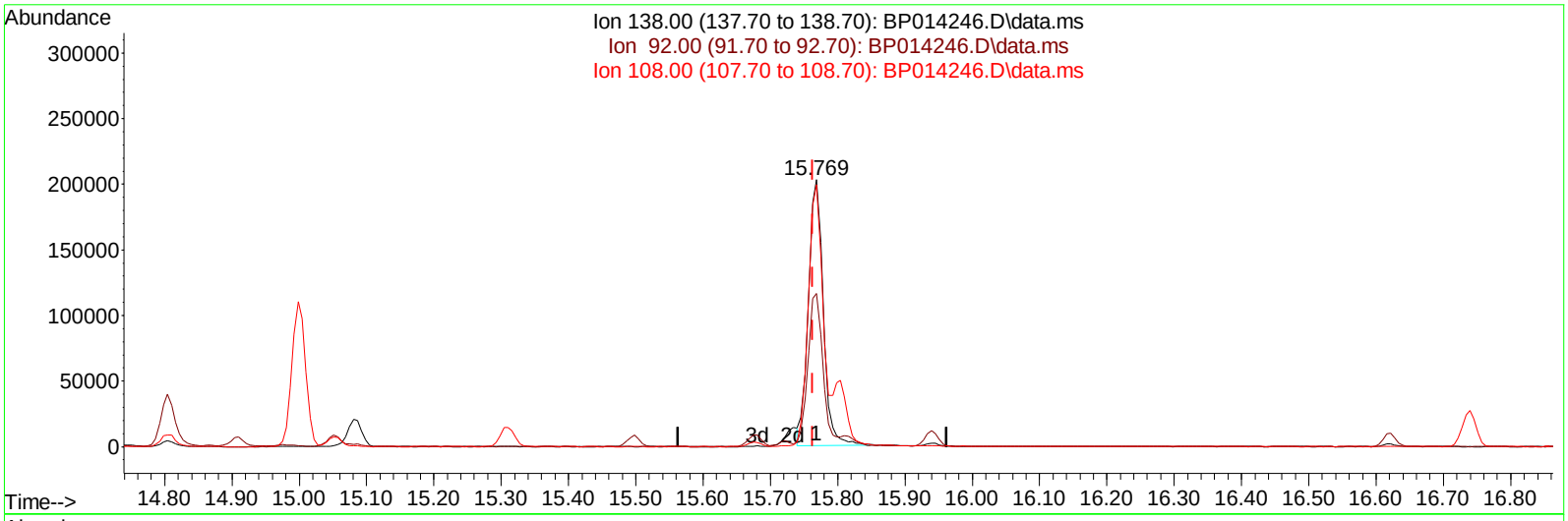

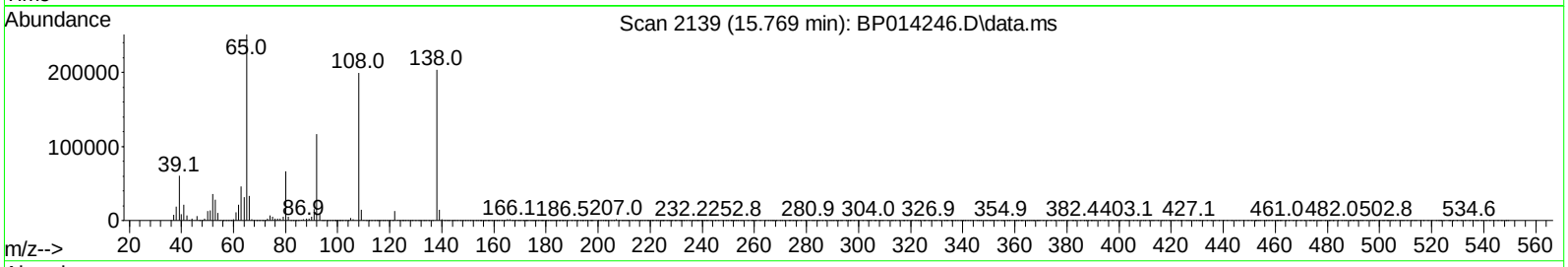

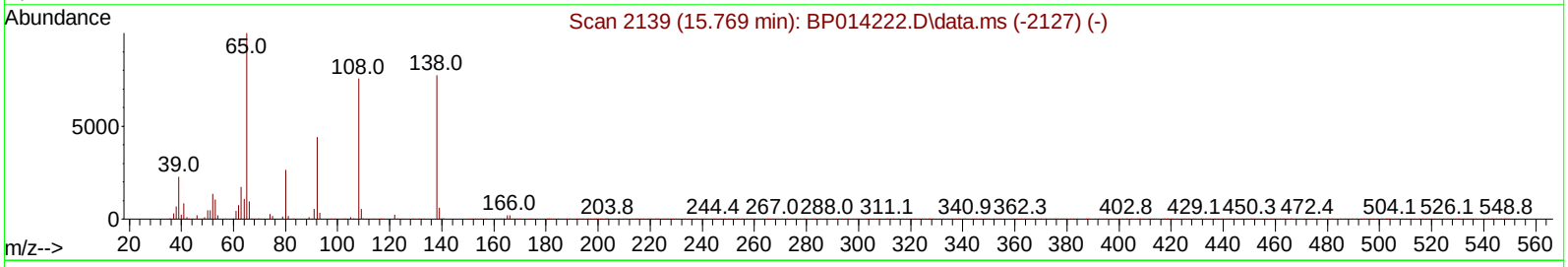

TIC: BP014246.D\data.ms

(63) 4-Nitroaniline

15.769min (+ 0.006) 41.30 ng/ul

response 313571

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	55.60	57.42
108.00	109.00	98.08
0.00	0.00	0.00

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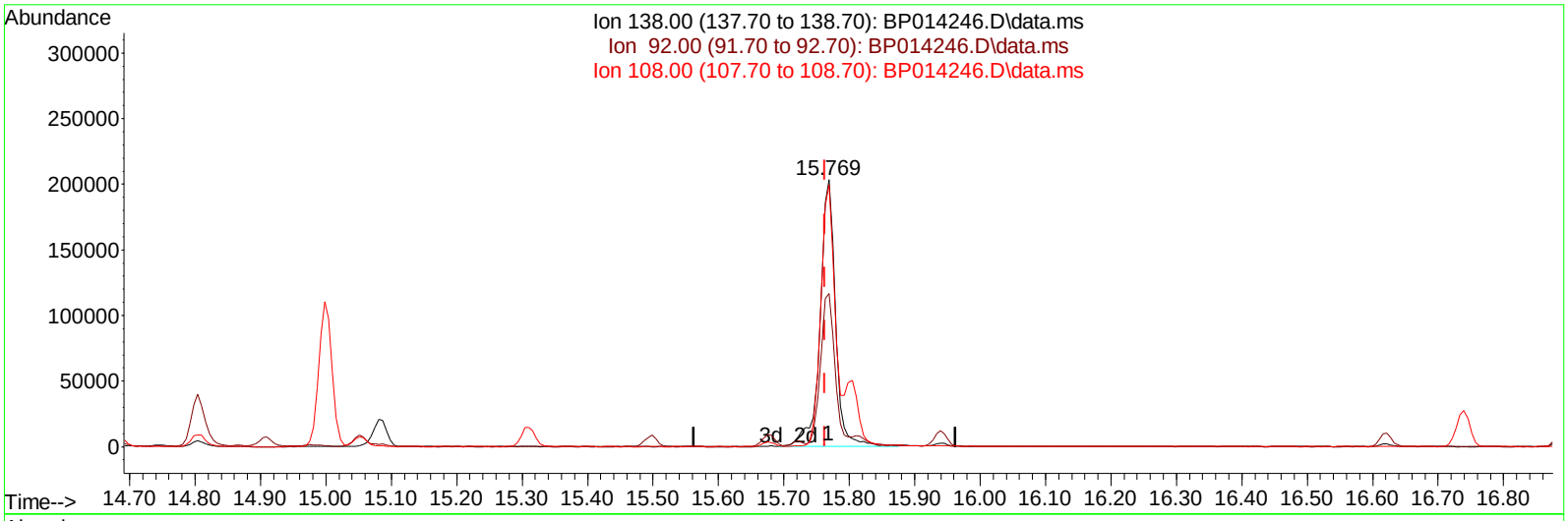

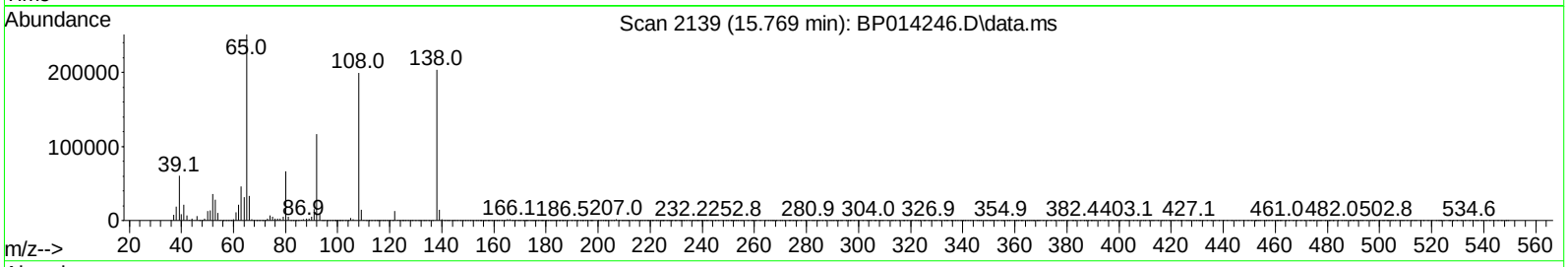

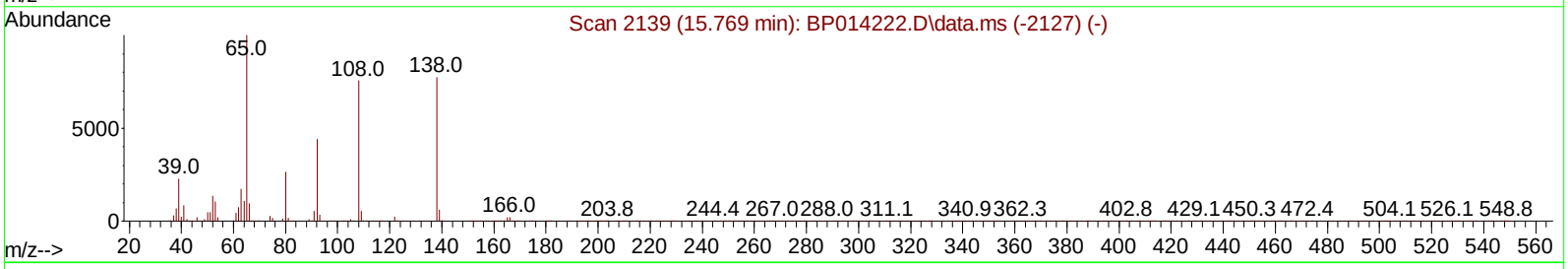

TIC: BP014246.D\data.ms

(63) 4-Nitroaniline

15.769min (+ 0.006) 44.68 ng/ul m

response 339191

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	55.60	57.42
108.00	109.00	98.08
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	8.034	152	158092	20.000	ng/ul	0.00
20) Naphthalene-d8	10.857	136	712166	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.681	164	502253	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1171611	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.527	240	1184420	20.000	ng/ul	# 0.00
88) Perylene-d12	24.045	264	1192548	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	24165	5.775	ng/uL	0.00
4) Pyridine-d5	3.834	84	290320	25.060	ng/ul	0.00
7) Phenol-d5	7.199	99	517737	37.111	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	313759	38.562	ng/ul	0.00
11) 2-Chlorophenol-d4	7.563	132	373719	35.160	ng/ul	0.00
15) 4-Methylphenol-d8	8.757	113	432736	37.973	ng/ul	0.00
21) Nitrobenzene-d5	9.210	128	201044	35.380	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	237108	34.858	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	436729	34.123	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	533496	31.498	ng/ul	0.00
46) Dimethylphthalate-d6	14.092	166	1450030	34.018	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	1603213	35.505	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	258509	34.415	ng/ul	0.00
60) Fluorene-d10	15.681	176	1249985	34.602	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	286360	32.338	ng/ul	0.00
73) Anthracene-d10	17.545	188	2004965	35.251	ng/ul	0.00
81) Pyrene-d10	19.769	212	2456739	37.608	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.886	264	2283601	35.999	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	52696	11.666	ng/uL	92
5) Pyridine	3.858	79	364741	31.045	ng/ul	97
6) Benzaldehyde	7.175	77	308837	44.490	ng/ul	99
8) Phenol	7.222	94	562475	39.095	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.457	93	427040	38.743	ng/ul	98
12) 2-Chlorophenol	7.599	128	400156	37.366	ng/ul	95
13) 2-Methylphenol	8.487	108	422338	39.477	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.569	45	551361	46.319	ng/ul	97
16) Acetophenone	8.875	105	722974	39.271	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.857	70	402205	42.705	ng/ul	98
18) 4-Methylphenol	8.816	108	470629	39.995	ng/ul	99
19) Hexachloroethane	9.122	117	172684	36.817	ng/ul	92
22) Nitrobenzene	9.257	77	577357	37.983	ng/ul	99
23) Isophorone	9.787	82	1131405	38.651	ng/ul	98
25) 2-Nitrophenol	9.969	139	256032	36.521	ng/ul	96
26) 2,4-Dimethylphenol	10.028	107	551157	35.918	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.263	93	650966	38.446	ng/ul	100
29) 2,4-Dichlorophenol	10.510	162	451857	35.791	ng/ul	97
30) Naphthalene	10.910	128	1396071	35.699	ng/ul	99
32) 4-Chloroaniline	11.028	127	506759	29.733	ng/ul	98
33) Hexachlorobutadiene	11.187	225	315965	31.451	ng/ul	99
34) Caprolactam	11.828	113	159386m	38.881	ng/ul	
35) 4-Chloro-3-methylphenol	12.145	107	565933	38.765	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.516	142	997341	36.360	ng/ul	99
37) 1-Methylnaphthalene	12.734	142	1016692	36.877	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.881	216	611975	33.695	ng/ul	99
40) Hexachlorocyclopentadiene	12.851	237	349087	26.841	ng/ul	98
41) 2,4,6-Trichlorophenol	13.122	196	405790	35.566	ng/ul	99
42) 2,4,5-Trichlorophenol	13.198	196	453472	36.216	ng/ul	98
43) 1,1'-Biphenyl	13.516	154	1414228	36.574	ng/ul	98
44) 2-Chloronaphthalene	13.563	162	1109560	36.129	ng/ul	98
45) 2-Nitroaniline	13.775	65	381699	42.023	ng/ul	95
47) Dimethylphthalate	14.140	163	1513571	35.874	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	321742	38.572	ng/ul	99
50) Acenaphthylene	14.410	152	1761711	37.177	ng/ul	100
51) 3-Nitroaniline	14.598	138	307717	41.665	ng/ul	93
52) Acenaphthene	14.751	153	1225832	37.003	ng/ul	100
53) 2,4-Dinitrophenol	14.804	184	220680	35.427	ng/ul	95
55) 4-Nitrophenol	14.910	109	268033	33.034	ng/ul	87
56) Dibenzofuran	15.086	168	1724205	35.776	ng/ul	100
57) 2,4-Dinitrotoluene	15.051	165	472898	37.945	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.310	232	413126	34.487	ng/ul	98
59) Diethylphthalate	15.498	149	1559120	36.434	ng/ul	99
61) Fluorene	15.734	166	1433616	35.886	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.722	204	761258	34.525	ng/ul	99
63) 4-Nitroaniline	15.769	138	339191m	44.679	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.816	198	304390	36.031	ng/ul	94
67) N-Nitrosodiphenylamine	15.939	169	1236963	37.382	ng/ul	100
68) 4-Bromophenyl-phenylether	16.622	248	499439	35.262	ng/ul	99
69) Hexachlorobenzene	16.739	284	577617	34.608	ng/ul	97
70) Atrazine	16.898	200	404593	28.349	ng/ul	99
71) Pentachlorophenol	17.092	266	357868	32.802	ng/ul	99
72) Phenanthrene	17.486	178	2343024	36.666	ng/ul	100
74) Anthracene	17.580	178	2371946	36.608	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.481	216	625002	34.760	ng/uL	99
76) Pentachlorobenzene	14.998	250	652551	34.937	ng/uL	99
77) Carbazole	17.851	167	2160883	37.809	ng/ul	100
78) Di-n-butylphthalate	18.375	149	2835910	39.704	ng/ul	100
80) Fluoranthene	19.439	202	2937108	39.447	ng/ul#	94
82) Pyrene	19.798	202	3045423	39.208	ng/ul	96
83) Butylbenzylphthalate	20.651	149	1347589	43.028	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.433	252	978338	32.266	ng/ul	99
85) Benzo(a)anthracene	21.510	228	3056808	36.693	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	1983683	42.365	ng/ul	99
87) Chrysene	21.563	228	2885091	36.339	ng/ul	100
89) Di-n-octyl phthalate	22.368	149	3357382	44.617	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	3056145	38.459	ng/ul	98
91) Benzo(k)fluoranthene	23.321	252	2907619	38.372	ng/ul	99
93) Benzo(a)pyrene	23.939	252	2549410	36.885	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.704	276	2938801	32.119	ng/ul	97
95) Dibenzo(a,h)anthracene	26.715	278	2449600	32.212	ng/ul	98
96) Benzo(g,h,i)perylene	27.515	276	2259115	30.890	ng/ul	98

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

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