Quantitation Report (Qedit)

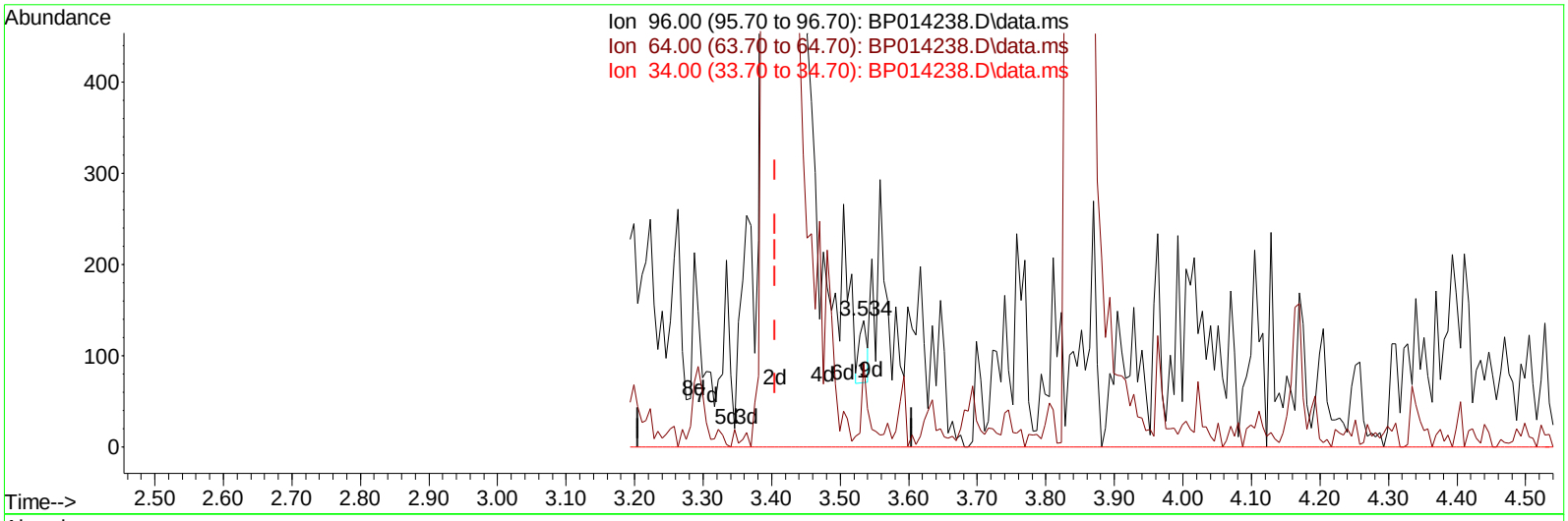
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032223\
Data File : BP014238.D
Acq On : 23 Mar 2023 03:19
Operator : CG/JU
Sample : PB151541BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

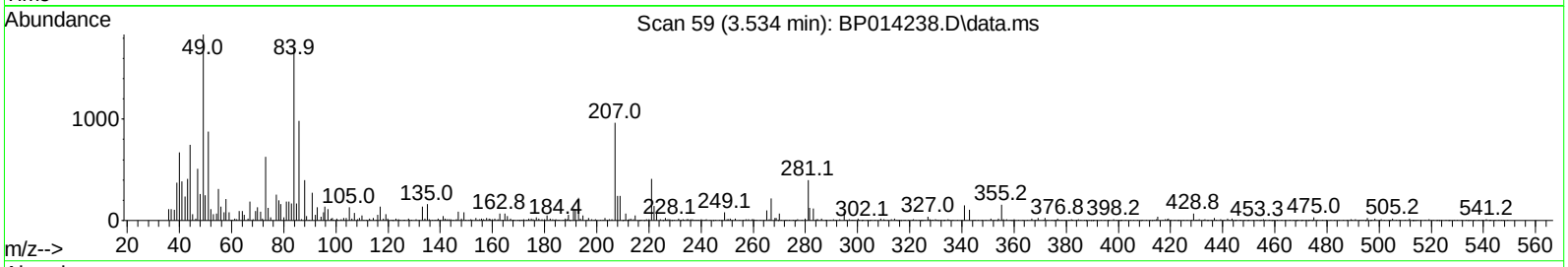
Quant Time: Mar 23 03:55:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 23 02:31:48 2023
Response via : Initial Calibration

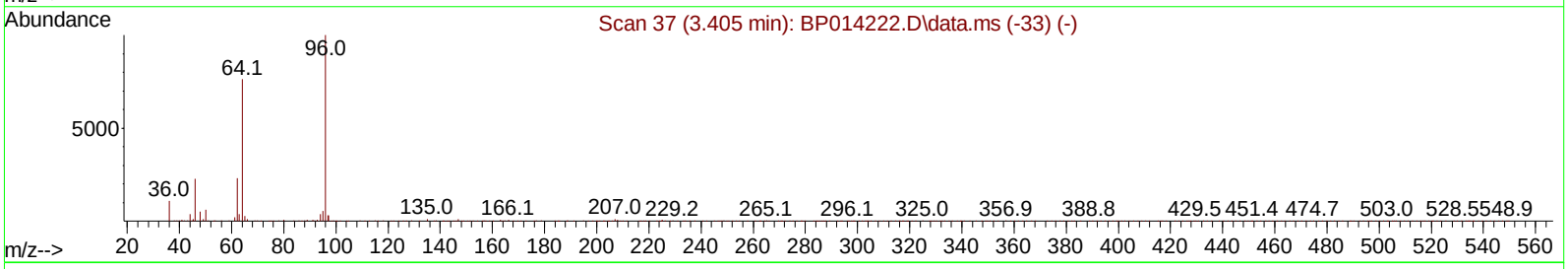
Instrument :
BNA_P
ClientSampleId :
SLCS541

Manual IntegrationsAPPROVED

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







TIC: BP014238.D\data.ms

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

3.534min (+ 0.129) 0.01 ng/uL

response 56

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	66.60	66.19
34.00	0.00	0.00
0.00	0.00	0.00

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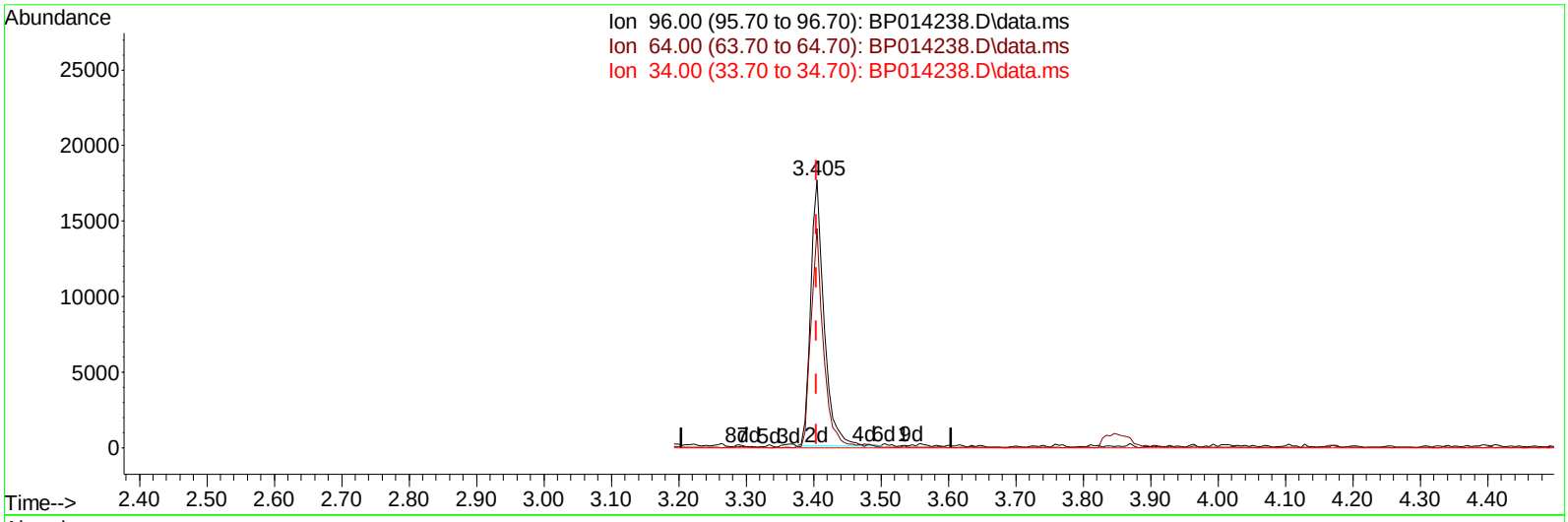

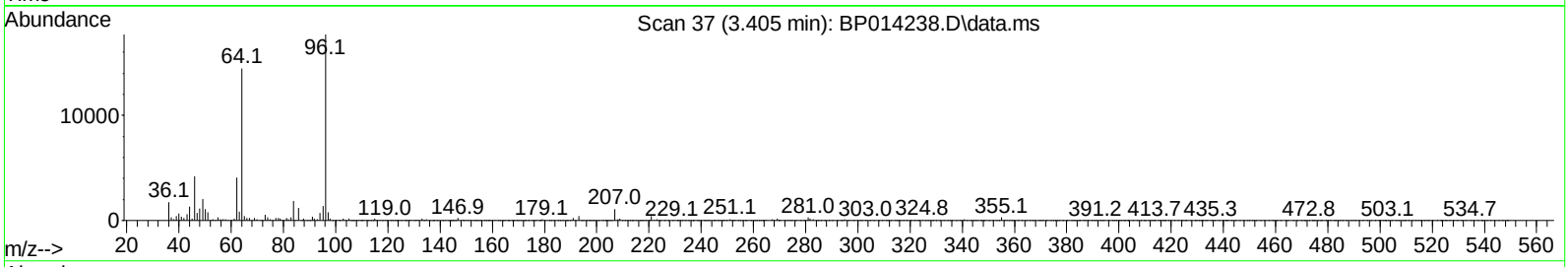

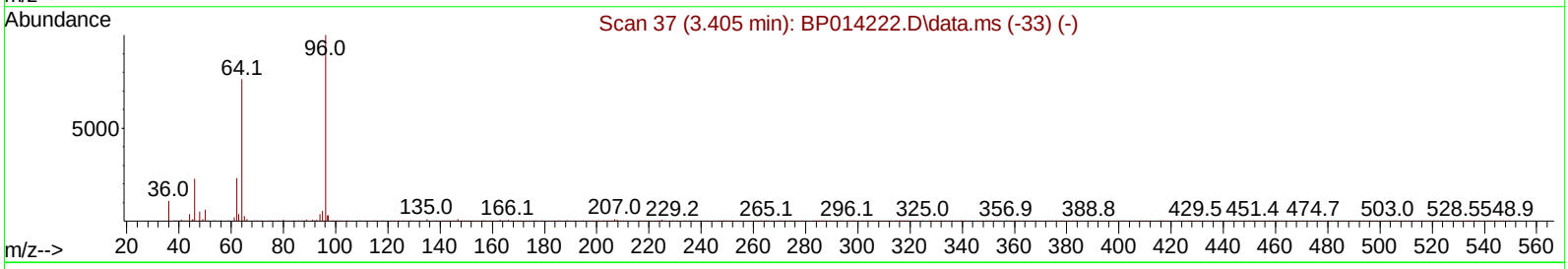

TIC: BP014238.D\data.ms

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

3.405min (-0.000) 5.43 ng/uL m

response 24542

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	66.60	81.83#
34.00	0.00	0.00
0.00	0.00	0.00

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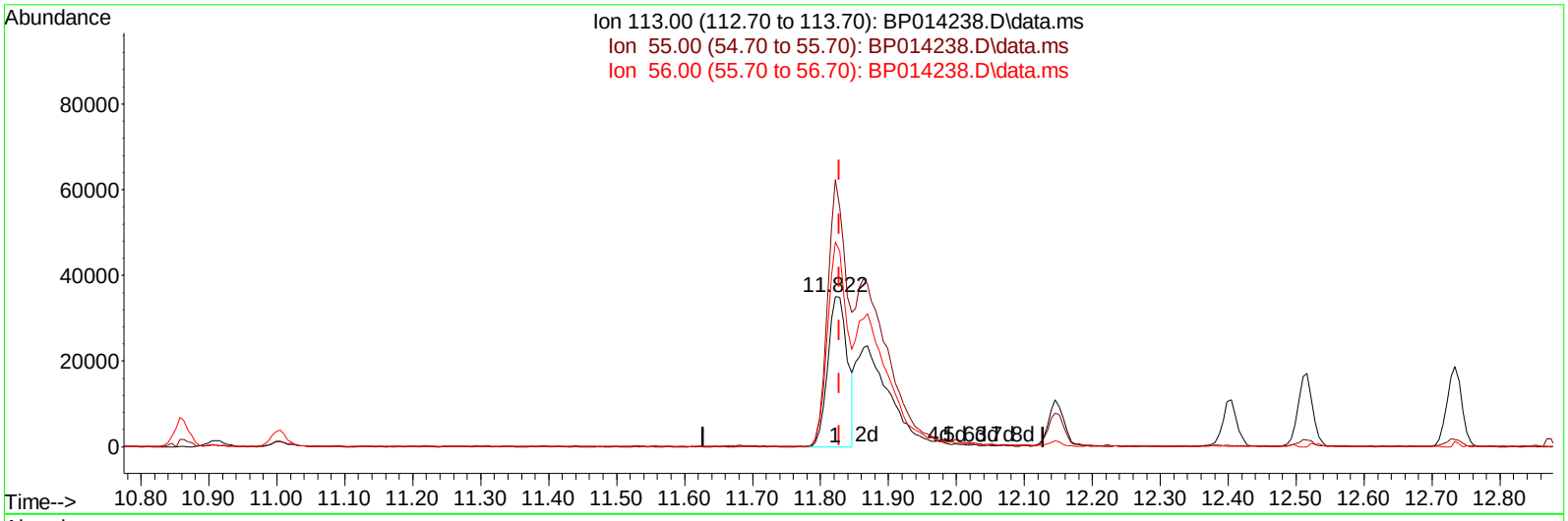

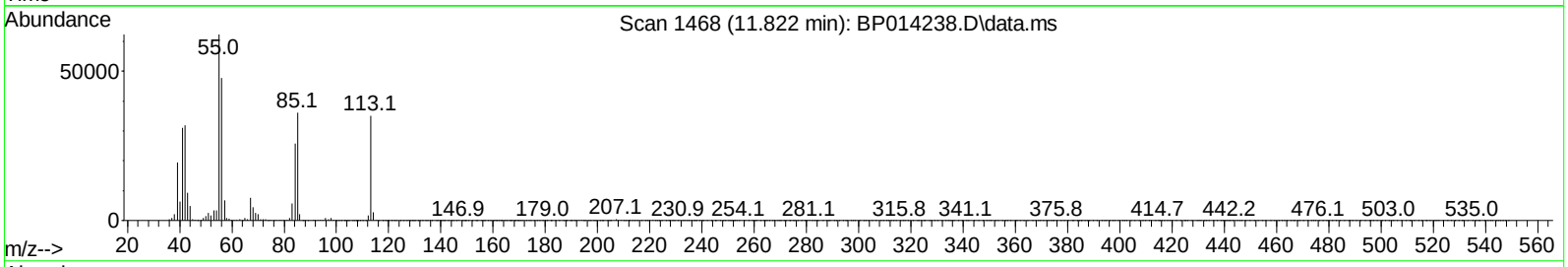

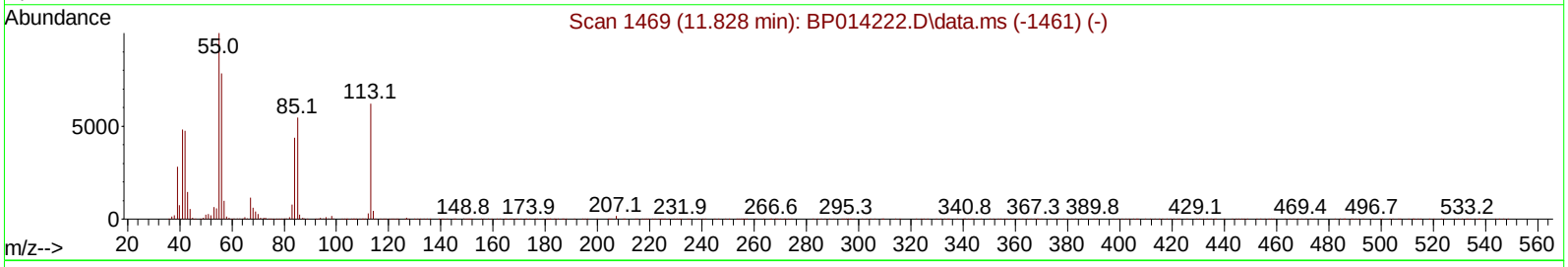

TIC: BP014238.D\data.ms

(34) Caprolactam

11.822min (-0.006) 15.70 ng/ul

response 69908

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	177.63
56.00	127.50	136.31
0.00	0.00	0.00

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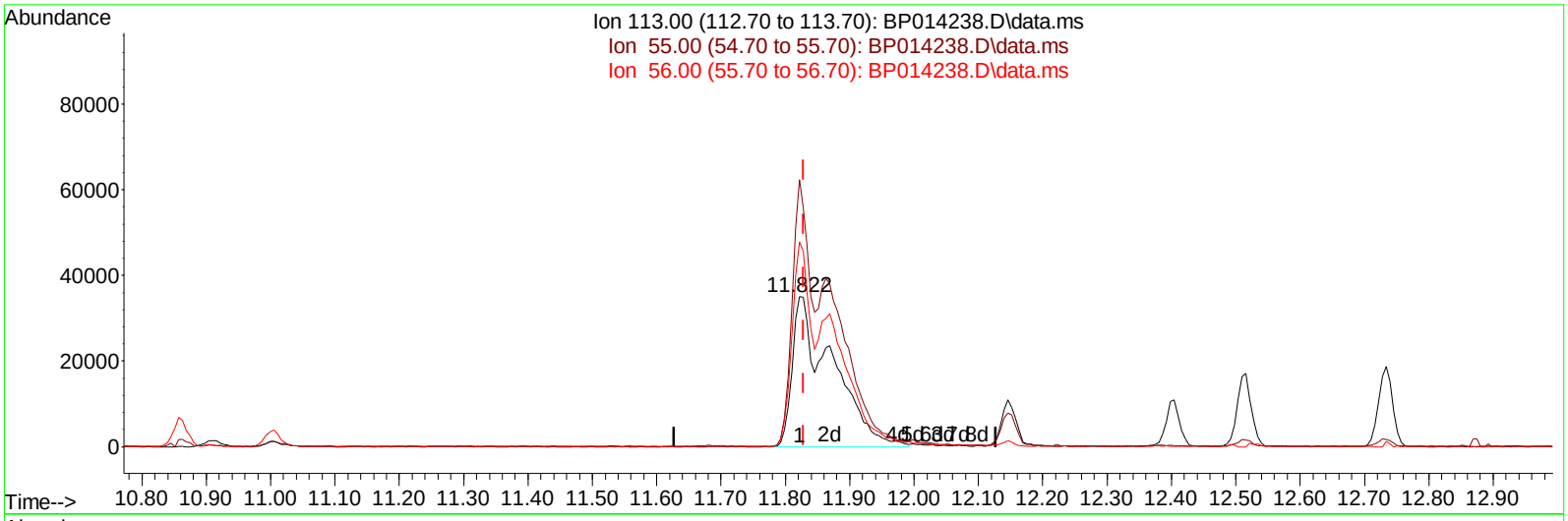

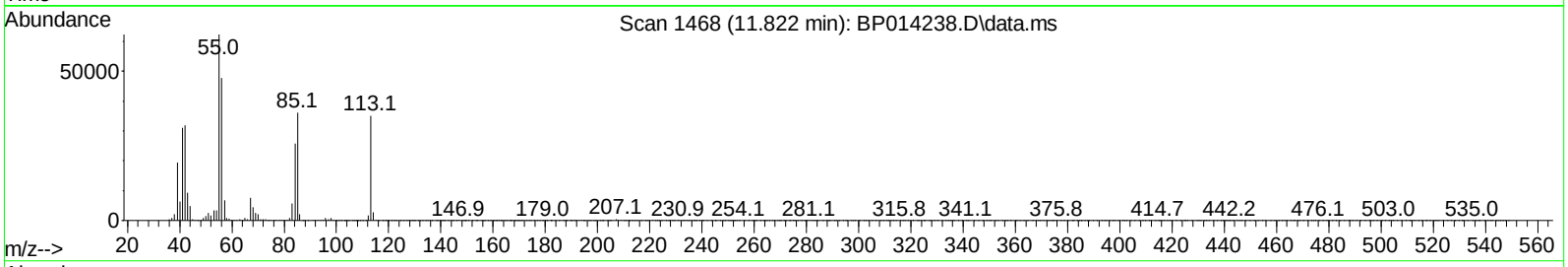

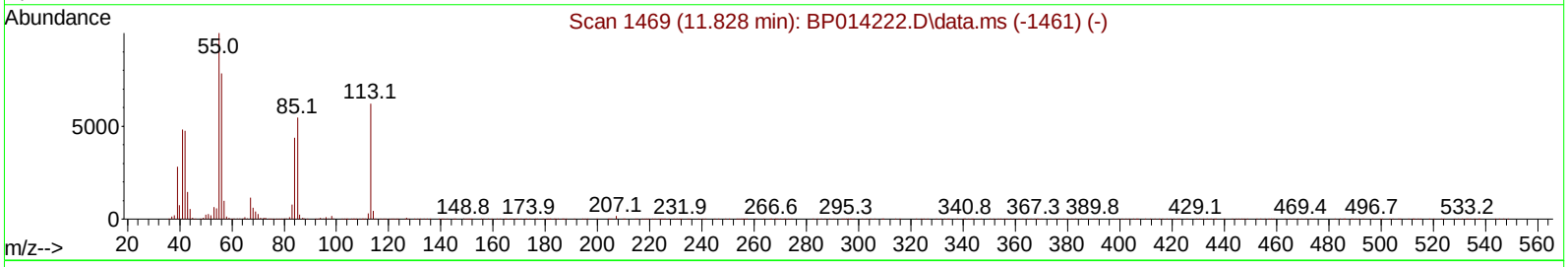

TIC: BP014238.D\data.ms

(34) Caprolactam

11.822min (-0.006) 34.04 ng/ul m

response 151569

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	177.63
56.00	127.50	136.31
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	8.040	152	170753	20.000	ng/ul	0.00
20) Naphthalene-d8	10.863	136	773668	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.681	164	557698	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1309906	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.527	240	1324579	20.000	ng/ul	0.00
88) Perylene-d12	24.045	264	1390275	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	24542m	5.430	ng/uL	0.00
4) Pyridine-d5	3.834	84	320717	25.631	ng/ul	0.00
7) Phenol-d5	7.199	99	517263	34.328	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	307610	35.003	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	367173	31.983	ng/ul	0.00
15) 4-Methylphenol-d8	8.757	113	431812	35.082	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	196336	31.805	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	234833	31.779	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.481	165	431638	31.044	ng/ul	0.00
31) 4-Chloroaniline-d4	11.004	131	506299	27.516	ng/ul	0.00
46) Dimethylphthalate-d6	14.092	166	1451960	30.677	ng/ul	0.00
49) Acenaphthylene-d8	14.381	160	1554234	30.999	ng/ul	0.00
54) 4-Nitrophenol-d4	14.892	143	264980	31.769	ng/ul	0.00
60) Fluorene-d10	15.681	176	1220328	30.423	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	303834	30.689	ng/ul	0.00
73) Anthracene-d10	17.545	188	1967901	30.947	ng/ul	0.00
81) Pyrene-d10	19.769	212	2418264	33.102	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.880	264	2380313	32.187	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	49231	10.091	ng/uL	89
5) Pyridine	3.858	79	336517	26.519	ng/ul	97
6) Benzaldehyde	7.175	77	252769	33.713	ng/ul	98
8) Phenol	7.222	94	523811	33.708	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.457	93	404515	33.978	ng/ul	98
12) 2-Chlorophenol	7.599	128	379062	32.772	ng/ul	94
13) 2-Methylphenol	8.487	108	397262	34.380	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.563	45	517317	40.237	ng/ul	98
16) Acetophenone	8.875	105	674377	33.915	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.857	70	374553	36.821	ng/ul	97
18) 4-Methylphenol	8.816	108	443612	34.904	ng/ul	96
19) Hexachloroethane	9.122	117	159278	31.441	ng/ul	94
22) Nitrobenzene	9.257	77	540359	32.723	ng/ul	99
23) Isophorone	9.787	82	1060701	33.355	ng/ul	98
25) 2-Nitrophenol	9.969	139	243543	31.978	ng/ul	96
26) 2,4-Dimethylphenol	10.028	107	498447	29.901	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.263	93	613343	33.345	ng/ul	98
29) 2,4-Dichlorophenol	10.510	162	420867	30.686	ng/ul	97
30) Naphthalene	10.910	128	1314967	30.952	ng/ul	99
32) 4-Chloroaniline	11.028	127	463248	25.019	ng/ul	99
33) Hexachlorobutadiene	11.187	225	296697	27.185	ng/ul	98
34) Caprolactam	11.822	113	151569m	34.035	ng/ul	
35) 4-Chloro-3-methylphenol	12.145	107	534705	33.715	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.516	142	925532	31.060	ng/ul	100
37) 1-Methylnaphthalene	12.734	142	953622	31.840	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.881	216	568564	28.192	ng/ul	99
40) Hexachlorocyclopentadiene	12.851	237	316452	21.913	ng/ul	99
41) 2,4,6-Trichlorophenol	13.122	196	375645	29.651	ng/ul	99
42) 2,4,5-Trichlorophenol	13.198	196	421965	30.350	ng/ul	98
43) 1,1'-Biphenyl	13.516	154	1332779	31.041	ng/ul	99
44) 2-Chloronaphthalene	13.563	162	1059379	31.066	ng/ul	97
45) 2-Nitroaniline	13.775	65	367391	36.427	ng/ul	93
47) Dimethylphthalate	14.140	163	1447044	30.888	ng/ul	99
48) 2,6-Dinitrotoluene	14.263	165	304783	32.906	ng/ul	99
50) Acenaphthylene	14.410	152	1646987	31.301	ng/ul	100
51) 3-Nitroaniline	14.598	138	275152	33.551	ng/ul	90
52) Acenaphthene	14.751	153	1154096	31.374	ng/ul	99
53) 2,4-Dinitrophenol	14.804	184	207536	30.004	ng/ul	95
55) 4-Nitrophenol	14.910	109	252789	28.058	ng/ul	88
56) Dibenzofuran	15.081	168	1642172	30.687	ng/ul	99
57) 2,4-Dinitrotoluene	15.051	165	447561	32.342	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.310	232	380737	28.624	ng/ul	98
59) Diethylphthalate	15.498	149	1477056	31.085	ng/ul	99
61) Fluorene	15.734	166	1359793	30.654	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.722	204	720901	29.444	ng/ul	100
63) 4-Nitroaniline	15.769	138	312964	37.126	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.816	198	294580	31.188	ng/ul	92
67) N-Nitrosodiphenylamine	15.939	169	1185393	32.042	ng/ul	99
68) 4-Bromophenyl-phenylether	16.622	248	466393	29.452	ng/ul	99
69) Hexachlorobenzene	16.739	284	545158	29.214	ng/ul	96
70) Atrazine	16.892	200	285553	17.896	ng/ul	97
71) Pentachlorophenol	17.092	266	327377	26.839	ng/ul	98
72) Phenanthrene	17.486	178	2246116	31.438	ng/ul	99
74) Anthracene	17.580	178	2261345	31.216	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.487	216	591975	29.447	ng/uL	98
76) Pentachlorobenzene	15.004	250	608575	29.143	ng/uL	99
77) Carbazole	17.845	167	2054117	32.147	ng/ul	100
78) Di-n-butylphthalate	18.375	149	2652129	33.211	ng/ul	100
80) Fluoranthene	19.439	202	2797043	33.591	ng/ul#	94
82) Pyrene	19.798	202	2893004	33.305	ng/ul	95
83) Butylbenzylphthalate	20.651	149	1246328	35.584	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.433	252	929120	27.401	ng/ul	99
85) Benzo(a)anthracene	21.510	228	2932717	31.478	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	1818115	34.720	ng/ul	99
87) Chrysene	21.563	228	2785454	31.371	ng/ul	100
89) Di-n-octyl phthalate	22.363	149	3143423	35.833	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	3045872	32.879	ng/ul	99
91) Benzo(k)fluoranthene	23.321	252	2827090	32.003	ng/ul	99
93) Benzo(a)pyrene	23.933	252	2531224	31.413	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.698	276	3074184	28.820	ng/ul	97
95) Dibenzo(a,h)anthracene	26.709	278	2601871	29.348	ng/ul	98
96) Benzo(g,h,i)perylene	27.515	276	2423840	28.429	ng/ul	99

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

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