Quantitation Report (Qedit)

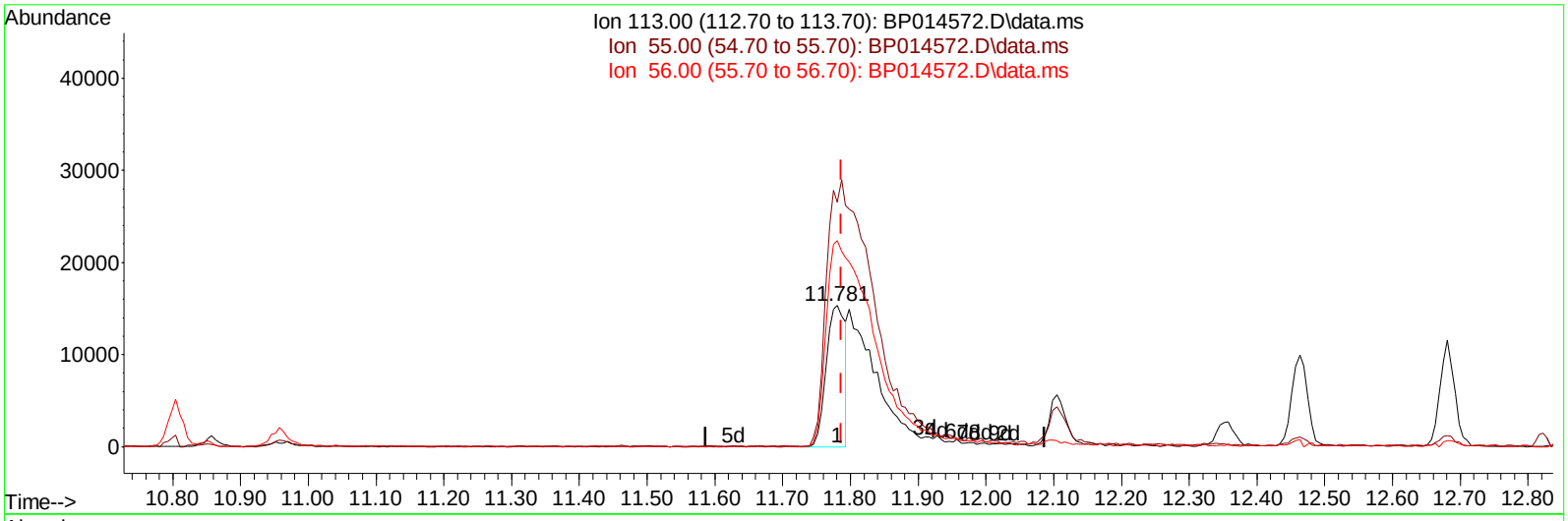
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040523\
Data File : BP014572.D
Acq On : 05 Apr 2023 23:54
Operator : CG/JU
Sample : PB151872BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

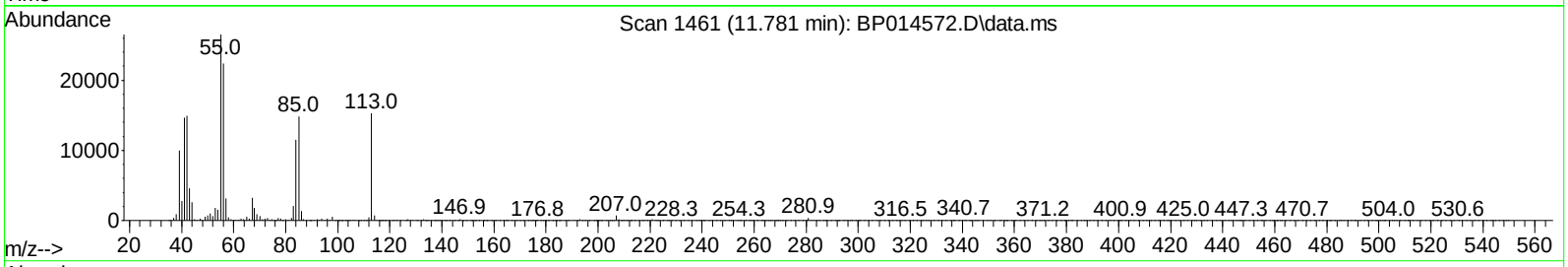
Quant Time: Apr 06 01:01:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 06 00:55:13 2023
Response via : Initial Calibration

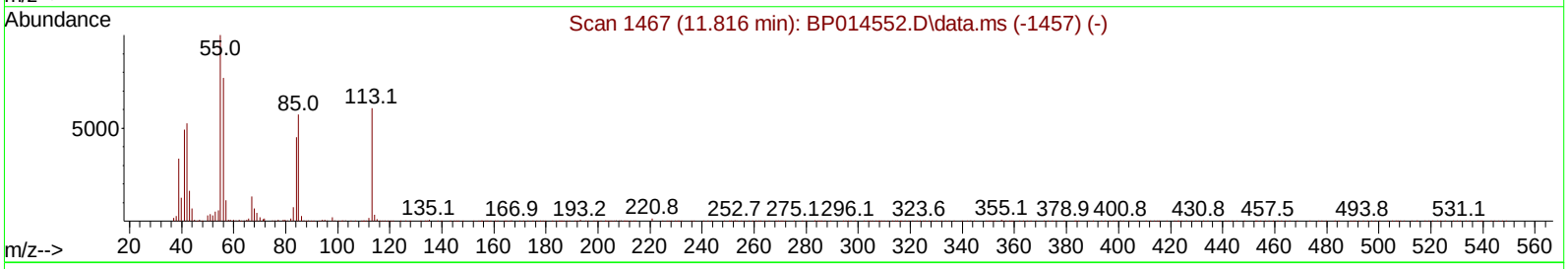
Instrument :
BNA_P
ClientSampleId :
SLCS872

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023







TIC: BP014572.D\data.ms

(34) Caprolactam

11.781min (-0.006) 12.13 ng/ul

response 29741

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	173.29
56.00	126.40	146.28
0.00	0.00	0.00

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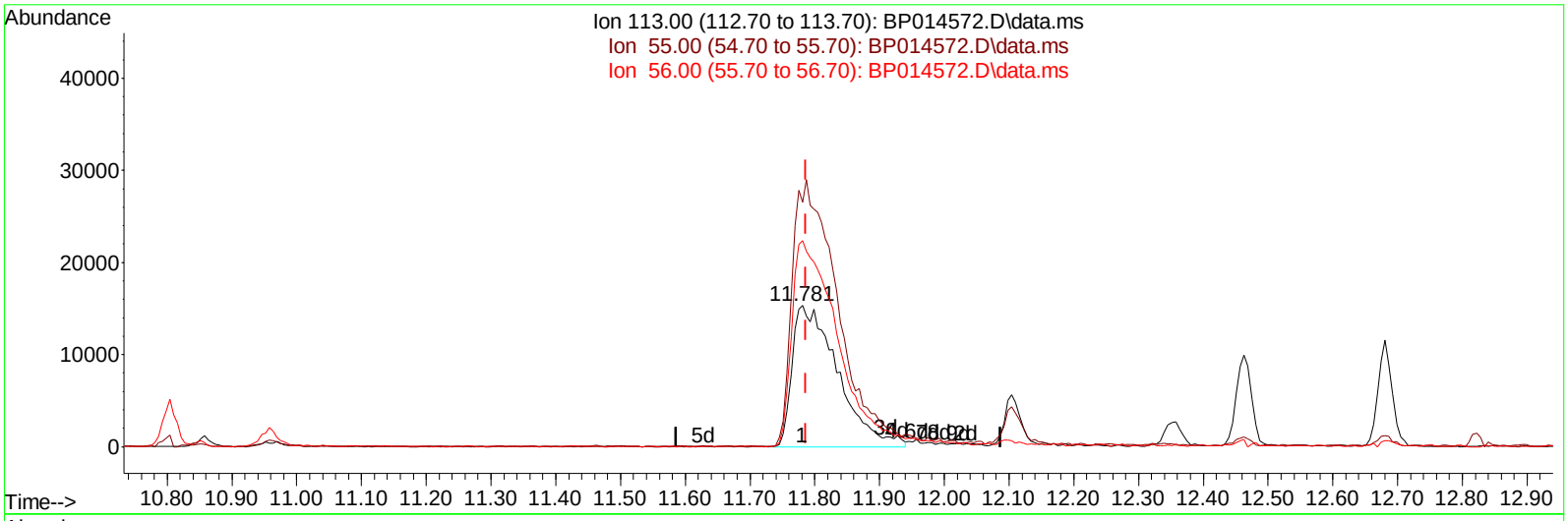

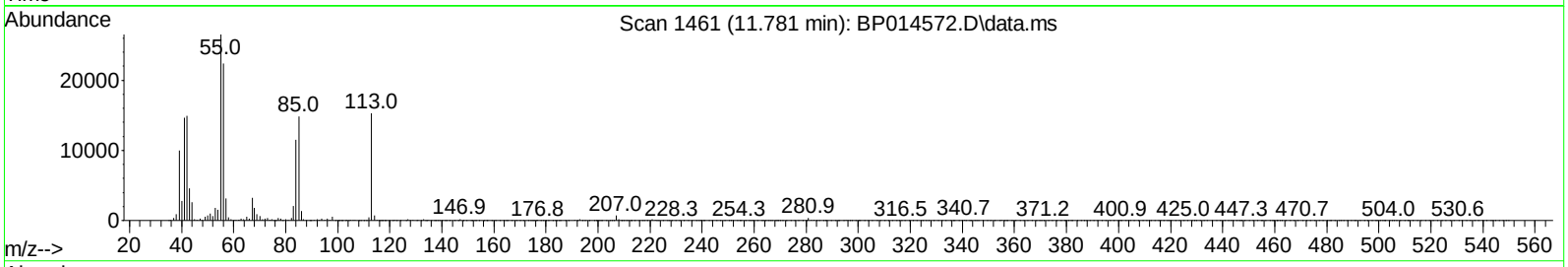

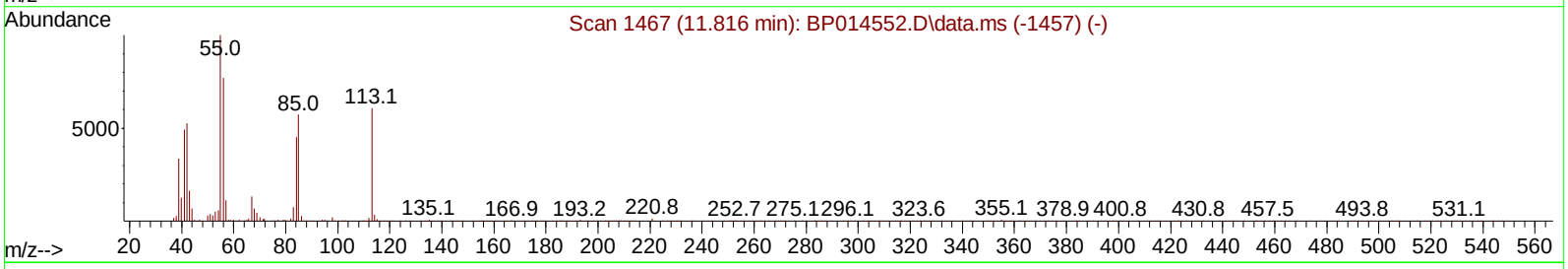

TIC: BP014572.D\data.ms

(34) Caprolactam

11.781min (-0.006) 30.51 ng/ul m

response 74787

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	173.29
56.00	126.40	146.28
0.00	0.00	0.00

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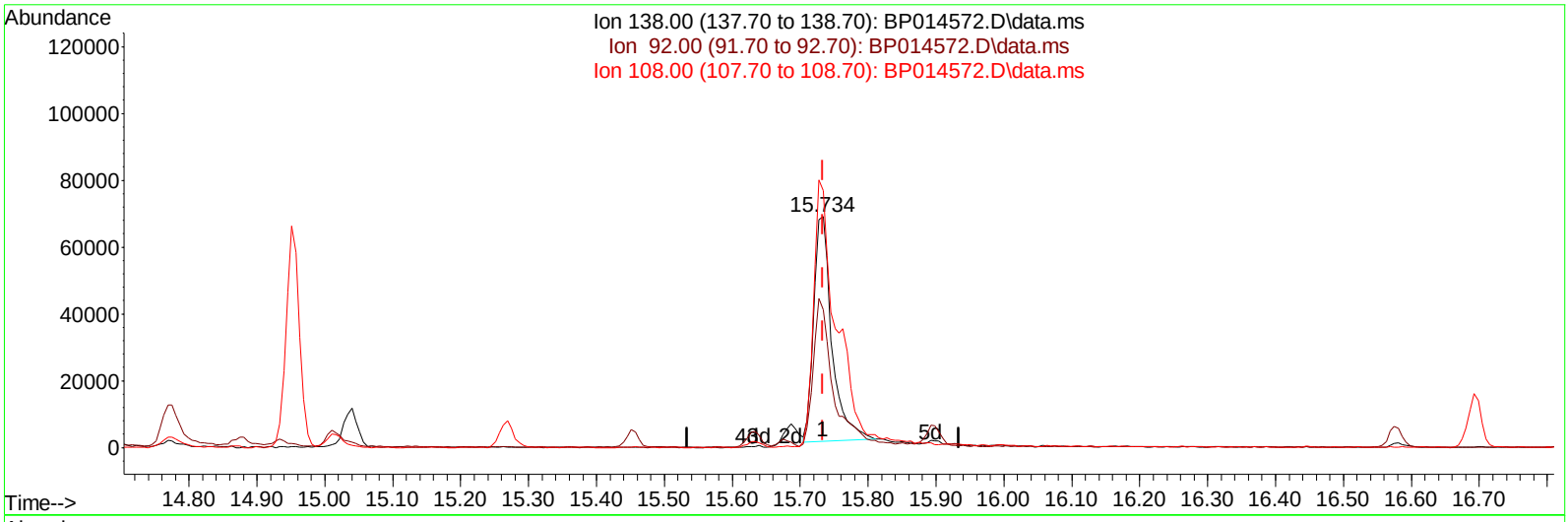

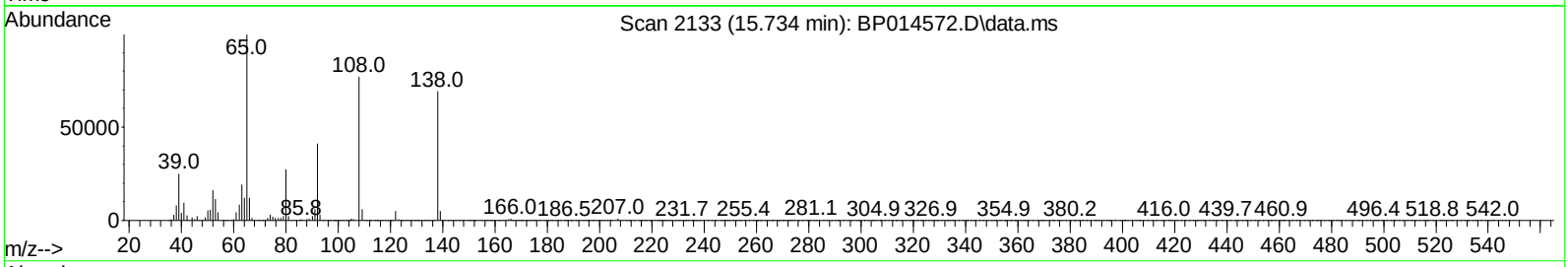

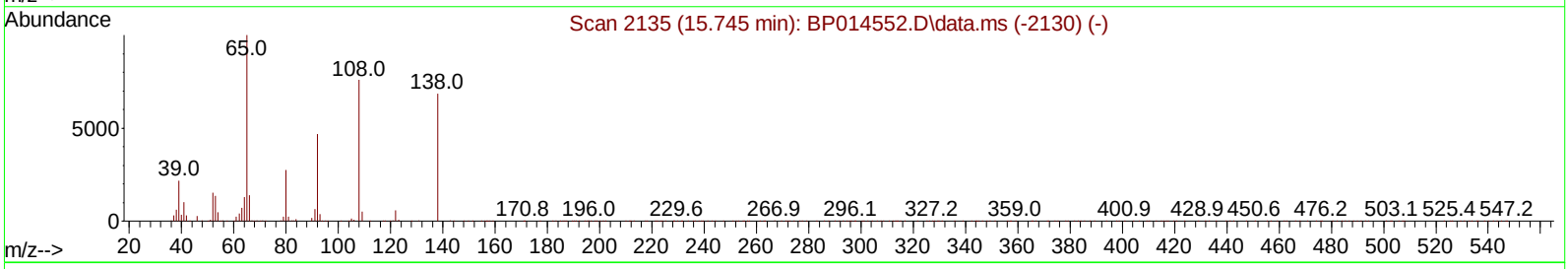

TIC: BP014572.D\data.ms

(63) 4-Nitroaniline

15.734min (-0.000) 33.23 ng/ul

response 126188

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.70	59.59
108.00	102.90	111.13
0.00	0.00	0.00

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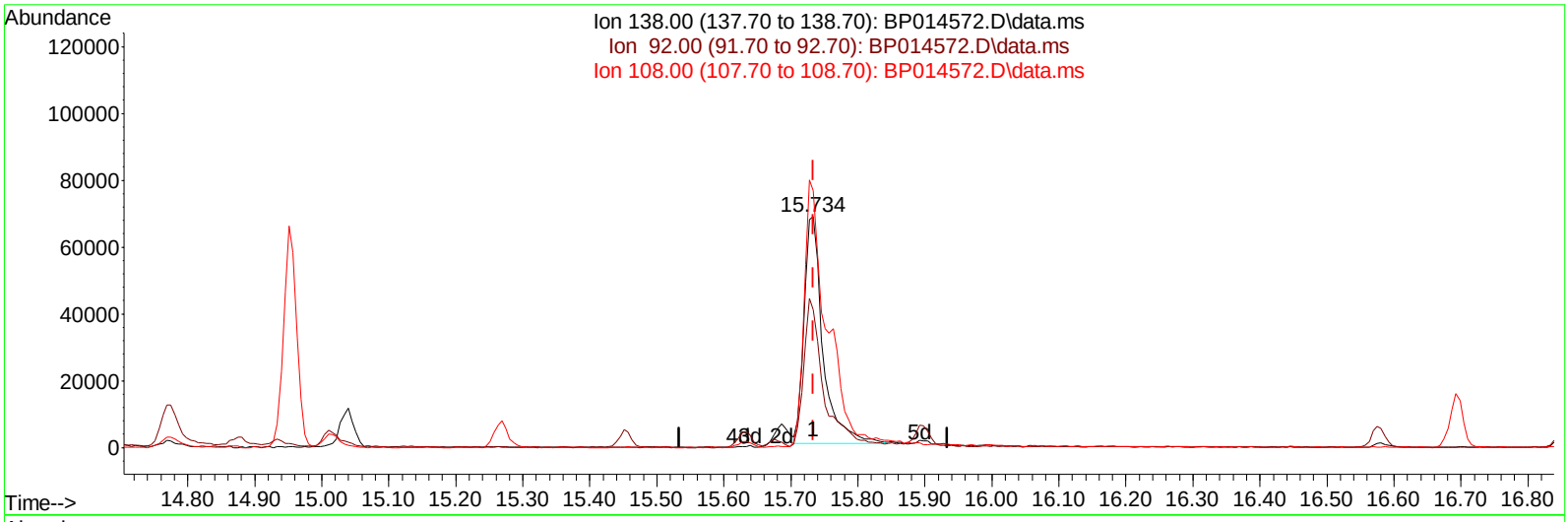

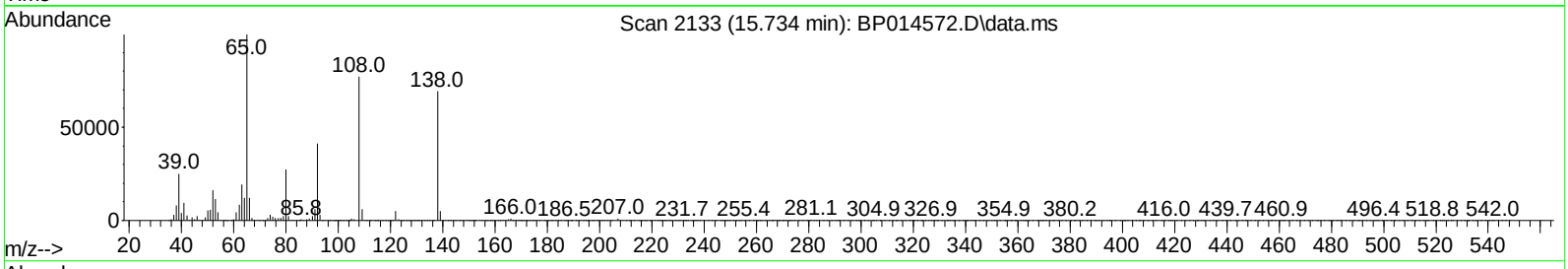

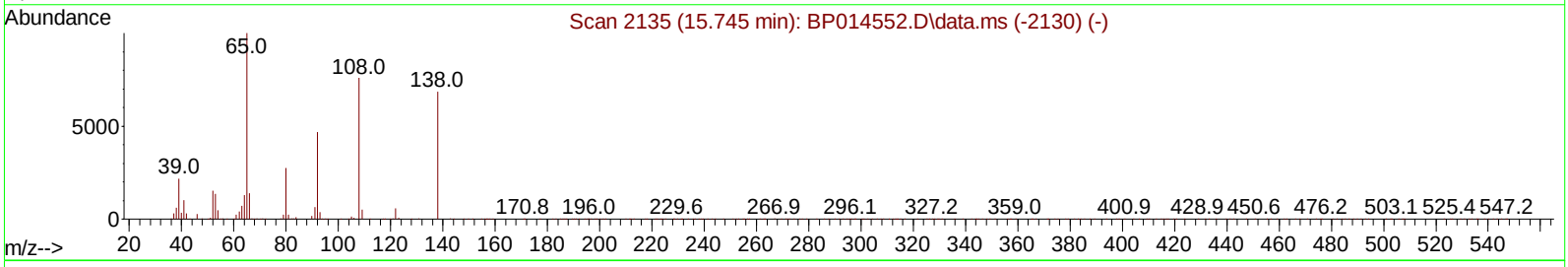

TIC: BP014572.D\data.ms

(63) 4-Nitroaniline

15.734min (-0.000) 35.05 ng/ul m

response 133090

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.70	59.59
108.00	102.90	111.13
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	7.987	152	117504	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	500766	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.640	164	329383	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	763568	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	821139	20.000	ng/ul	0.00
88) Perylene-d12	23.986	264	923349	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	16351	5.396	ng/uL	0.00
4) Pyridine-d5	3.799	84	202223	26.043	ng/ul	0.00
7) Phenol-d5	7.152	99	292150	26.959	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.311	67	199021	28.624	ng/ul	0.00
11) 2-Chlorophenol-d4	7.516	132	217080	27.715	ng/ul	0.00
15) 4-Methylphenol-d8	8.705	113	227799	26.060	ng/ul	0.00
21) Nitrobenzene-d5	9.163	128	107345	26.553	ng/ul	0.00
24) 2-Nitrophenol-d4	9.887	143	119713	25.861	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	222405	26.381	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	233948	21.068	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	727601	27.244	ng/ul	0.00
49) Acenaphthylene-d8	14.334	160	794161	26.799	ng/ul	0.00
54) 4-Nitrophenol-d4	14.863	143	111447	27.622	ng/ul	0.00
60) Fluorene-d10	15.634	176	599165	26.903	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	142568	25.375	ng/ul	0.00
73) Anthracene-d10	17.498	188	975546	26.399	ng/ul	0.00
81) Pyrene-d10	19.727	212	1263491	22.908	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.827	264	1334194	27.197	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	38604	11.593	ng/uL	93
5) Pyridine	3.817	79	234135	28.813	ng/ul	96
6) Benzaldehyde	7.128	77	130917	24.305	ng/ul	94
8) Phenol	7.181	94	324807	28.893	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.405	93	263319	29.148	ng/ul	97
12) 2-Chlorophenol	7.546	128	237210	29.098	ng/ul	93
13) 2-Methylphenol	8.440	108	234260	27.943	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.516	45	357783	30.164	ng/ul	98
16) Acetophenone	8.822	105	399549	27.680	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.799	70	228444	29.295	ng/ul	91
18) 4-Methylphenol	8.775	108	256395	27.847	ng/ul	98
19) Hexachloroethane	9.063	117	106464	29.889	ng/ul	93
22) Nitrobenzene	9.205	77	335929	28.925	ng/ul	98
23) Isophorone	9.728	82	605478	28.283	ng/ul	100
25) 2-Nitrophenol	9.916	139	131325	26.878	ng/ul	94
26) 2,4-Dimethylphenol	9.975	107	310103	28.356	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.210	93	352096	27.433	ng/ul	99
29) 2,4-Dichlorophenol	10.457	162	229659	27.681	ng/ul	96
30) Naphthalene	10.857	128	778620	27.914	ng/ul	98
32) 4-Chloroaniline	10.981	127	207518	18.450	ng/ul	98
33) Hexachlorobutadiene	11.128	225	177577	27.016	ng/ul	98
34) Caprolactam	11.781	113	74787m	30.513	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	294033	28.813	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.463	142	527805	27.921	ng/ul	98
37)	1-Methylnaphthalene	12.681	142	549199	29.294	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	12.828	216	319403	27.198	ng/ul	98
40)	Hexachlorocyclopentadiene	12.798	237	193143	25.396	ng/ul	97
41)	2,4,6-Trichlorophenol	13.075	196	199114	27.399	ng/ul	99
42)	2,4,5-Trichlorophenol	13.157	196	216732	28.014	ng/ul	96
43)	1,1'-Biphenyl	13.469	154	730839	27.464	ng/ul	99
44)	2-Chloronaphthalene	13.516	162	581105	27.618	ng/ul	99
45)	2-Nitroaniline	13.734	65	208674	32.024	ng/ul	96
47)	Dimethylphthalate	14.092	163	774228	28.994	ng/ul	100
48)	2,6-Dinitrotoluene	14.222	165	160656	30.794	ng/ul	96
50)	Acenaphthylene	14.363	152	897291	28.431	ng/ul	100
51)	3-Nitroaniline	14.563	138	137526	29.424	ng/ul	92
52)	Acenaphthene	14.698	153	630224	28.259	ng/ul	99
53)	2,4-Dinitrophenol	14.769	184	84269	24.943	ng/ul#	89
55)	4-Nitrophenol	14.875	109	124186	31.187	ng/ul	97
56)	Dibenzofuran	15.040	168	892994	28.484	ng/ul	98
57)	2,4-Dinitrotoluene	15.016	165	242220	32.731	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	15.269	232	192479	27.681	ng/ul#	98
59)	Diethylphthalate	15.451	149	799375	30.125	ng/ul	98
61)	Fluorene	15.687	166	736566	28.985	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.681	204	381532	27.946	ng/ul	98
63)	4-Nitroaniline	15.734	138	133090m	35.047	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.775	198	145980	26.810	ng/ul	94
67)	N-Nitrosodiphenylamine	15.898	169	623763	26.256	ng/ul	100
68)	4-Bromophenyl-phenylether	16.581	248	245890	25.879	ng/ul	97
69)	Hexachlorobenzene	16.692	284	286024	26.207	ng/ul	95
70)	Atrazine	16.857	200	86188	9.966	ng/ul	97
71)	Pentachlorophenol	17.051	266	152019	24.043	ng/ul	99
72)	Phenanthrene	17.439	178	1207893	28.434	ng/ul	99
74)	Anthracene	17.533	178	1219437	28.482	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.434	216	320750	23.864	ng/uL	97
76)	Pentachlorobenzene	14.957	250	331625	24.727	ng/uL	98
77)	Carbazole	17.810	167	1070321	29.873	ng/ul	99
78)	Di-n-butylphthalate	18.339	149	1411945	31.340	ng/ul	99
80)	Fluoranthene	19.404	202	1522720	23.350	ng/ul	99
82)	Pyrene	19.757	202	1592522	23.390	ng/ul	100
83)	Butylbenzylphthalate	20.616	149	692586	29.532	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.398	252	493621	27.181	ng/ul	100
85)	Benzo(a)anthracene	21.469	228	1677577	28.830	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.369	149	1018778	31.767	ng/ul	100
87)	Chrysene	21.527	228	1601389	29.146	ng/ul	100
89)	Di-n-octyl phthalate	22.321	149	1805944	30.139	ng/ul	100
90)	Benzo(b)fluoranthene	23.221	252	1790180	28.707	ng/ul	99
91)	Benzo(k)fluoranthene	23.268	252	1733851	28.627	ng/ul	99
93)	Benzo(a)pyrene	23.880	252	1559875	29.060	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.615	276	2108267	28.548	ng/ul	100
95)	Dibenzo(a,h)anthracene	26.627	278	1738482	28.117	ng/ul	98
96)	Benzo(g,h,i)perylene	27.421	276	1708314	28.379	ng/ul	99

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

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