Quantitation Report (Qedit)

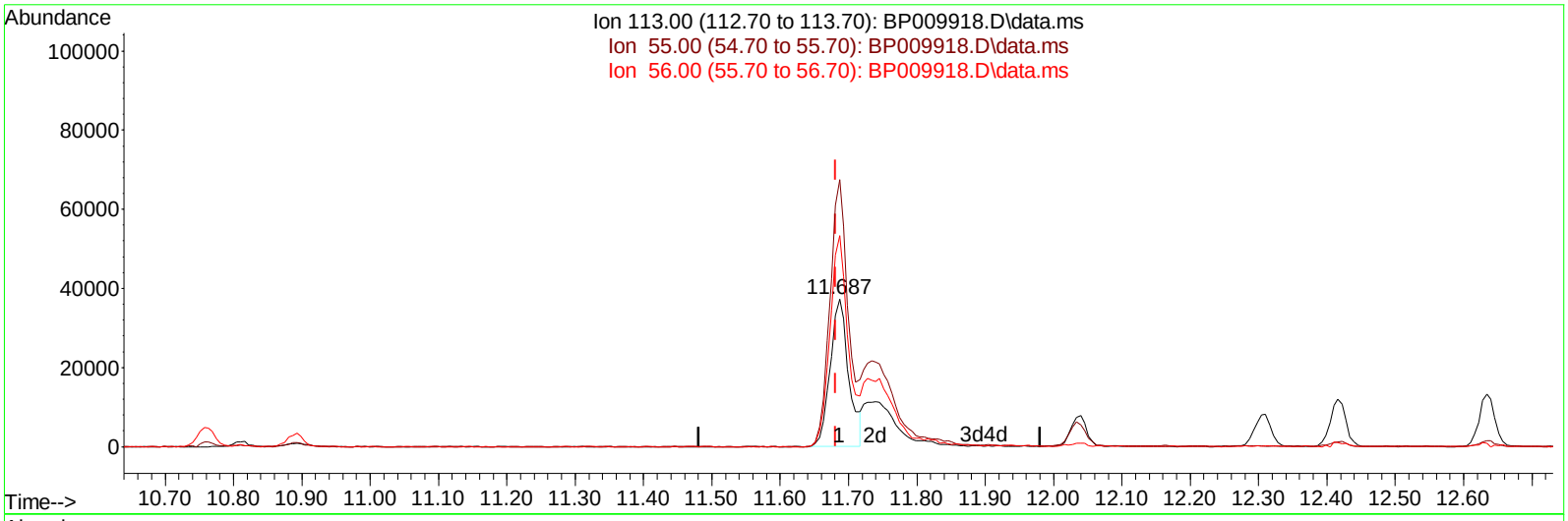
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041822\
Data File : BP009918.D
Acq On : 18 Apr 2022 16:41
Operator : CG/JU
Sample : PB144125BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

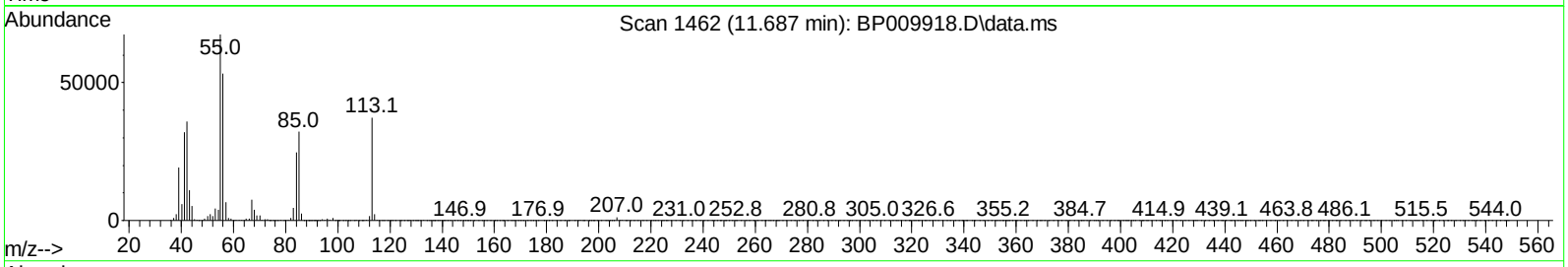
Quant Time: Apr 19 00:56:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 18 00:59:30 2022
Response via : Initial Calibration

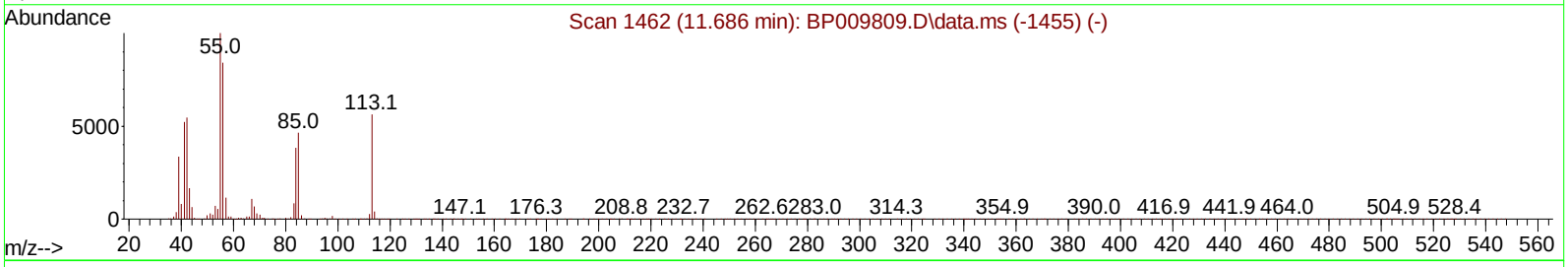
Instrument :
BNA_P
ClientSampleId :
SLCS125

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/19/2022
Supervised By :Yogesh Patel 04/22/2022







TIC: BP009918.D\data.ms

(34) Caprolactam

11.687min (+ 0.006) 21.58 ng/ul

response 70019

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	180.78#
56.00	85.80	143.08#
0.00	0.00	0.00

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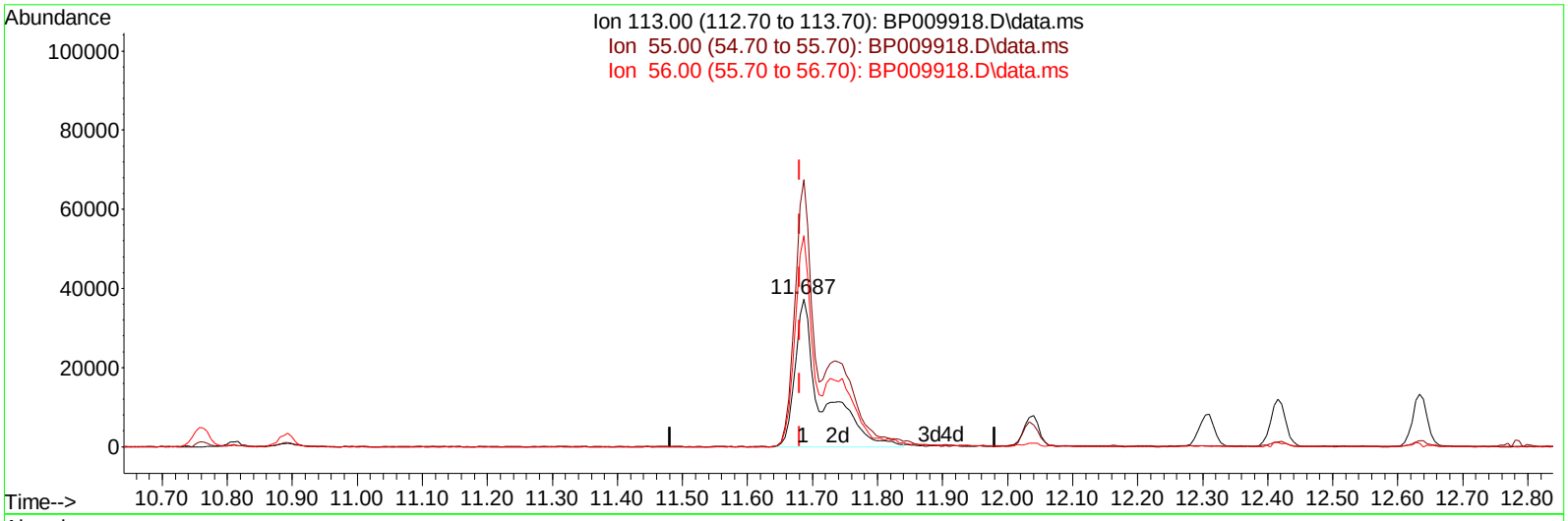

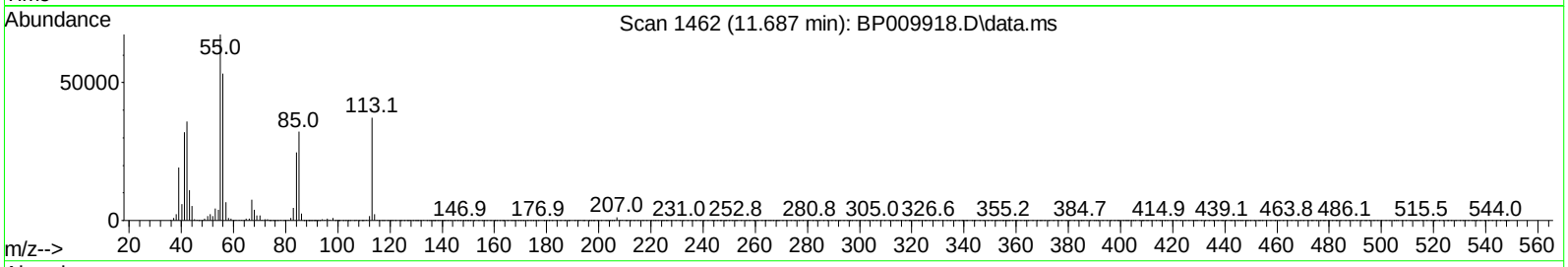

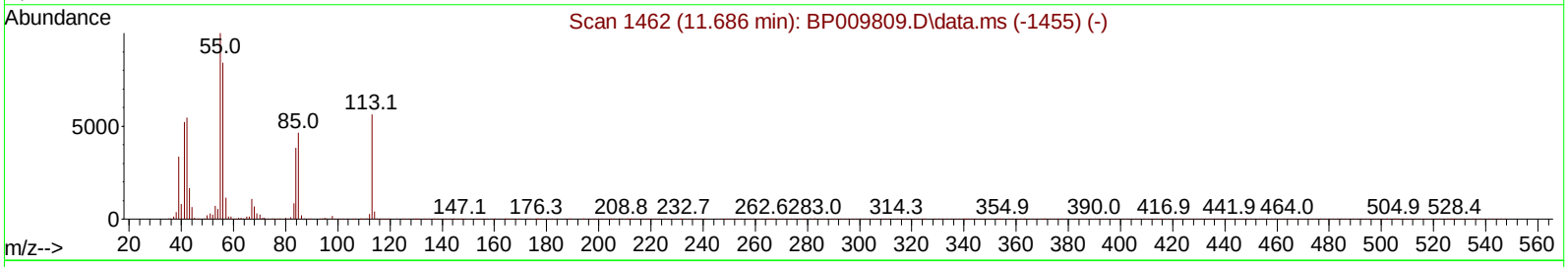

TIC: BP009918.D\data.ms

(34) Caprolactam

11.687min (+ 0.006) 33.50 ng/ul m

response 108714

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	180.78#
56.00	85.80	143.08#
0.00	0.00	0.00

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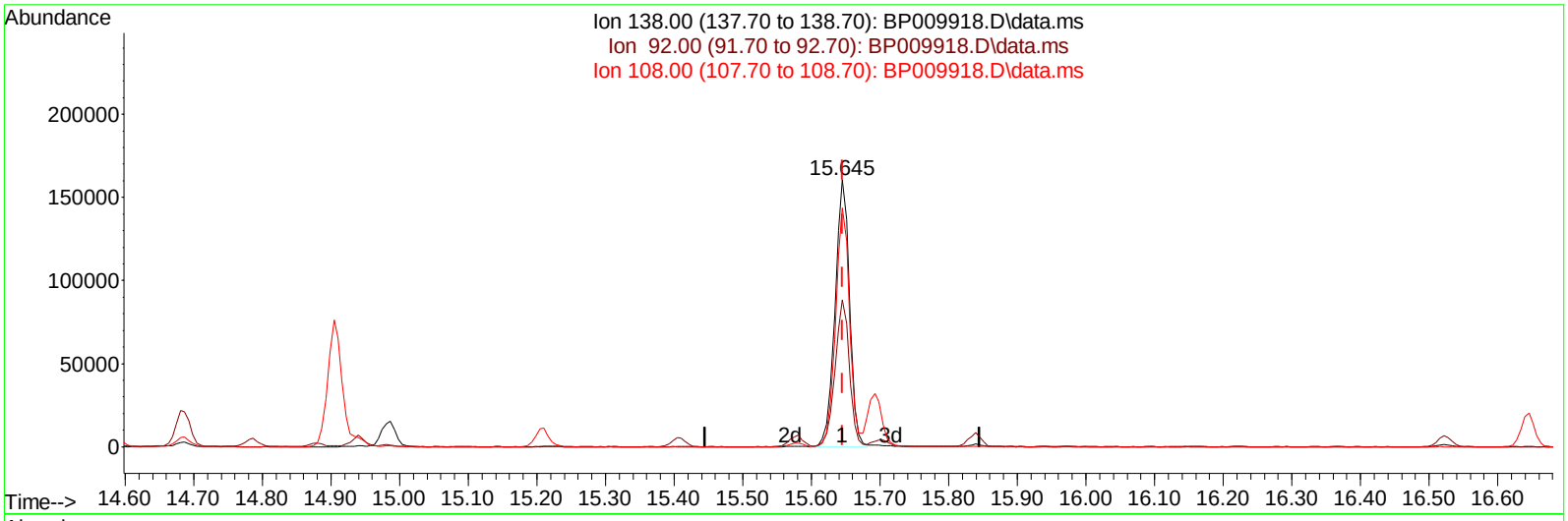

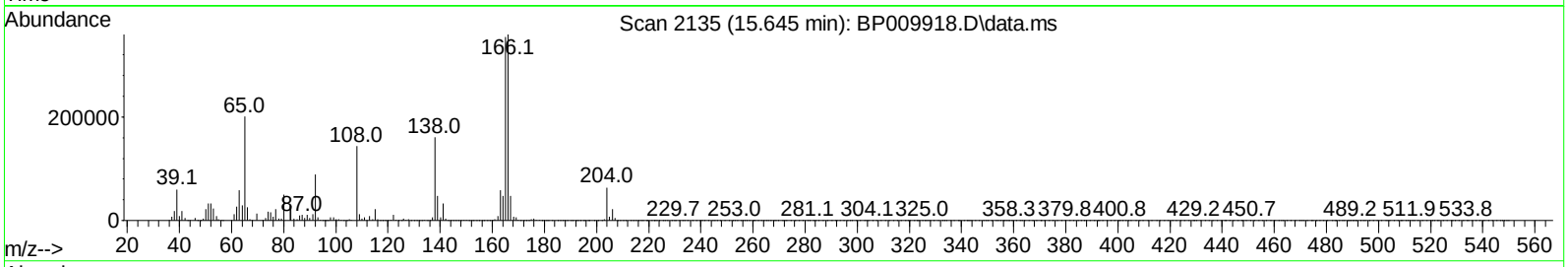

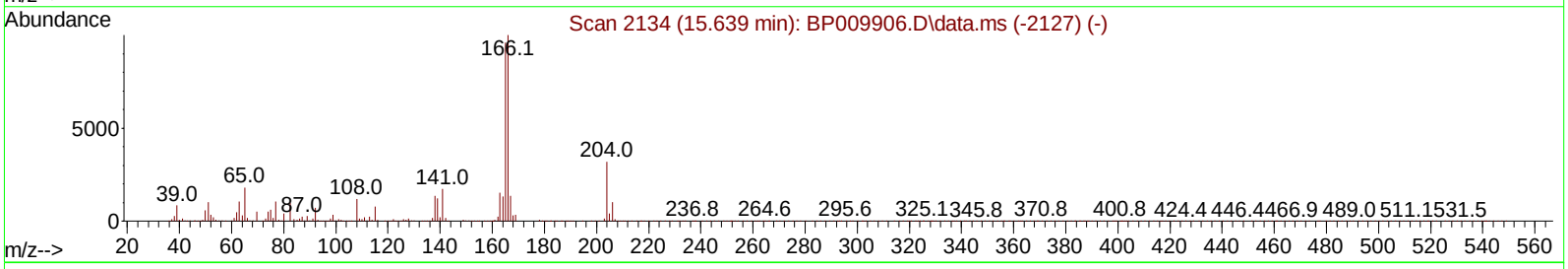

TIC: BP009918.D\data.ms

(63) 4-Nitroaniline

15.645min (-0.000) 36.11 ng/ul

response 236074

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.00	55.05
108.00	122.00	89.52#
0.00	0.00	0.00

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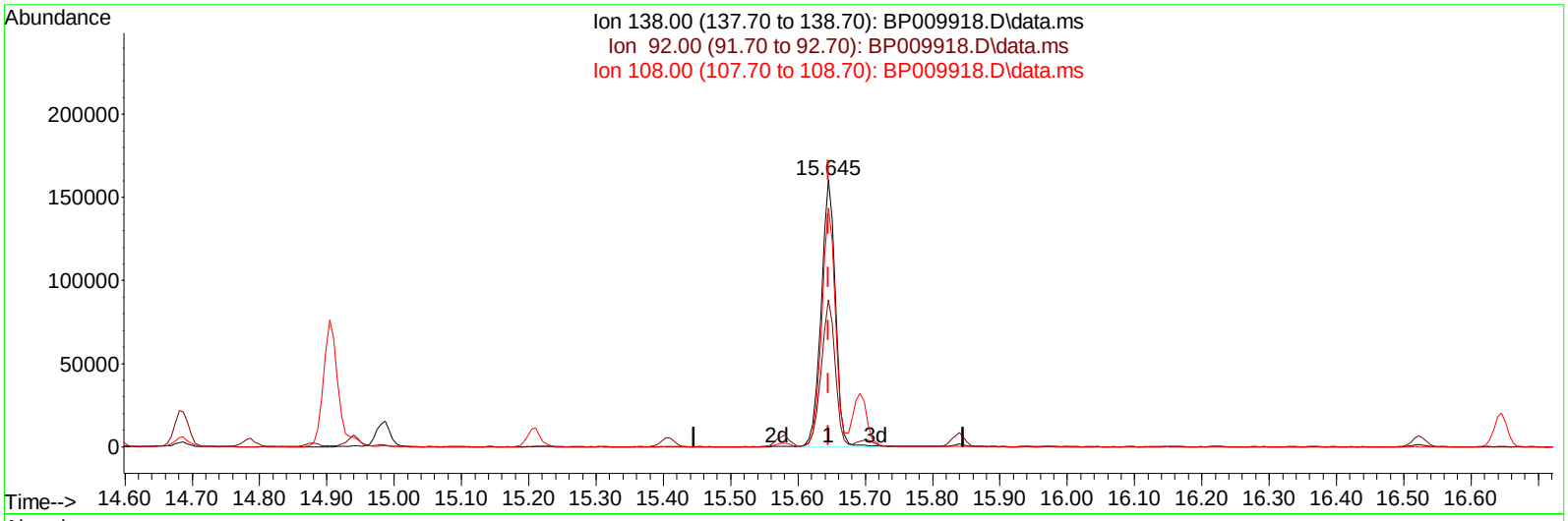

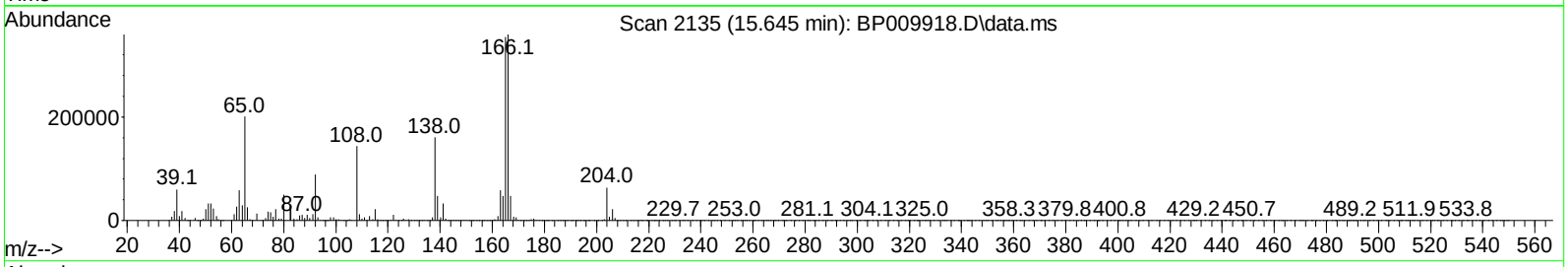

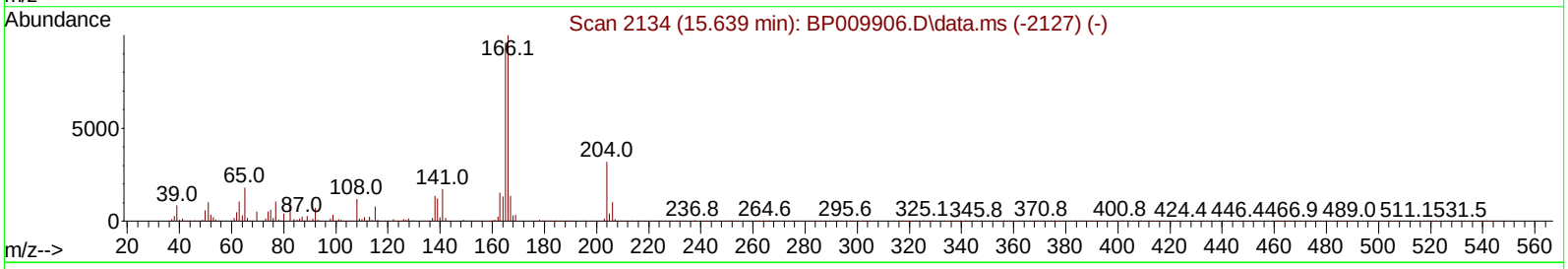

TIC: BP009918.D\data.ms

(63) 4-Nitroaniline

15.645min (-0.000) 36.45 ng/ul m

response 238279

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.00	55.05
108.00	122.00	89.52#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/19/2022
Supervised By :Yogesh Patel 04/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.952	152	131514	20.000	ng/ul		0.00
20) Naphthalene-d8	10.763	136	611763	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.587	164	451441	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.339	188	1029289	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.416	240	1053572	20.000	ng/ul	#	0.00
88) Perylene-d12	23.880	264	962141	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.381	96	17236	5.849	ng/uL		0.00
4) Pyridine-d5	3.793	84	243461	29.965	ng/ul		0.00
7) Phenol-d5	7.110	99	359831	31.165	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	224874	32.715	ng/ul		0.00
11) 2-Chlorophenol-d4	7.481	132	285109	32.736	ng/ul		0.00
15) 4-Methylphenol-d8	8.657	113	317062	32.895	ng/ul		0.00
21) Nitrobenzene-d5	9.110	128	154022	34.913	ng/ul		0.00
24) 2-Nitrophenol-d4	9.840	143	167634	34.659	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.375	165	322878	31.902	ng/ul		0.00
31) 4-Chloroaniline-d4	10.893	131	407856	28.293	ng/ul		0.00
46) Dimethylphthalate-d6	13.992	166	1150175	32.435	ng/ul		0.00
49) Acenaphthylene-d8	14.281	160	1294024	30.802	ng/ul		0.00
54) 4-Nitrophenol-d4	14.769	143	198240	30.825	ng/ul		0.00
60) Fluorene-d10	15.581	176	988042	33.121	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	205428	33.690	ng/ul		0.00
73) Anthracene-d10	17.439	188	1604616	32.560	ng/ul		0.00
81) Pyrene-d10	19.663	212	1932473	33.584	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.721	264	1704144	34.012	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.417	88	33193	11.050	ng/uL	#	17
5) Pyridine	3.811	79	246600	29.090	ng/ul	#	38
6) Benzaldehyde	7.087	77	226746	32.022	ng/ul		97
8) Phenol	7.140	94	367635	31.810	ng/ul	#	93
10) Bis(2-Chloroethyl)ether	7.369	93	283697	31.513	ng/ul	#	76
12) 2-Chlorophenol	7.516	128	278354	31.701	ng/ul		94
13) 2-Methylphenol	8.393	108	288129	31.971	ng/ul		99
14) 2,2'-oxybis(1-Chloropr...	8.481	45	426671	32.063	ng/ul	#	85
16) Acetophenone	8.775	105	480631	31.650	ng/ul	#	77
17) N-Nitroso-di-n-propyla...	8.769	70	255739	32.483	ng/ul	#	73
18) 4-Methylphenol	8.722	108	317920	32.575	ng/ul		94
19) Hexachloroethane	9.040	117	114358	30.847	ng/ul		82
22) Nitrobenzene	9.157	77	374011	33.029	ng/ul	#	85
23) Isophorone	9.687	82	724678	31.057	ng/ul		98
25) 2-Nitrophenol	9.869	139	176051	34.128	ng/ul	#	87
26) 2,4-Dimethylphenol	9.928	107	384523	31.411	ng/ul	#	80
27) Bis(2-Chloroethoxy)met...	10.169	93	425200	31.038	ng/ul	#	98
29) 2,4-Dichlorophenol	10.404	162	314510	32.053	ng/ul	#	82
30) Naphthalene	10.810	128	989466	31.449	ng/ul		97
32) 4-Chloroaniline	10.916	127	399019	27.972	ng/ul		98
33) Hexachlorobutadiene	11.104	225	218430	30.909	ng/ul		95
34) Caprolactam	11.687	113	108714m	33.503	ng/ul		
35) 4-Chloro-3-methylphenol	12.034	107	393474	33.095	ng/ul	#	70

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.416	142	730055	31.761	ng/ul	93
37) 1-Methylnaphthalene	12.634	142	741823	31.963	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	12.787	216	431923	31.272	ng/ul	92
40) Hexachlorocyclopentadiene	12.769	237	250397	26.125	ng/ul	96
41) 2,4,6-Trichlorophenol	13.022	196	288326	32.688	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.092	196	314472	32.991	ng/ul#	87
43) 1,1'-Biphenyl	13.422	154	1039554	31.560	ng/ul	93
44) 2-Chloronaphthalene	13.463	162	803319	31.727	ng/ul	94
45) 2-Nitroaniline	13.657	65	274879	37.045	ng/ul#	78
47) Dimethylphthalate	14.039	163	1085336	31.800	ng/ul#	92
48) 2,6-Dinitrotoluene	14.157	165	227690	36.268	ng/ul	93
50) Acenaphthylene	14.304	152	1327668	32.023	ng/ul	95
51) 3-Nitroaniline	14.481	138	211330	32.380	ng/ul#	83
52) Acenaphthene	14.651	153	859692	31.670	ng/ul	97
53) 2,4-Dinitrophenol	14.687	184	119845	31.582	ng/ul#	82
55) 4-Nitrophenol	14.787	109	184687	31.197	ng/ul#	52
56) Dibenzofuran	14.986	168	1275334	31.922	ng/ul	97
57) 2,4-Dinitrotoluene	14.939	165	336411	36.493	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.210	232	294222	33.853	ng/ul#	86
59) Diethylphthalate	15.410	149	1144076	32.390	ng/ul	93
61) Fluorene	15.634	166	1056647	32.110	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.628	204	560927	32.058	ng/ul	97
63) 4-Nitroaniline	15.645	138	238279m	36.451	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.704	198	197696	32.618	ng/ul#	89
67) N-Nitrosodiphenylamine	15.839	169	937607	31.822	ng/ul	95
68) 4-Bromophenyl-phenylether	16.522	248	356487	31.996	ng/ul	95
69) Hexachlorobenzene	16.645	284	412906	32.229	ng/ul#	90
70) Atrazine	16.792	200	378448	31.118	ng/ul#	89
71) Pentachlorophenol	16.986	266	260910	30.087	ng/ul#	84
72) Phenanthrene	17.380	178	1771109	32.236	ng/ul	98
74) Anthracene	17.475	178	1800991	32.332	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.387	216	465797	31.301	ng/uL#	88
76) Pentachlorobenzene	14.904	250	455017	31.369	ng/uL	91
77) Carbazole	17.739	167	1592541	31.636	ng/ul#	95
78) Di-n-butylphthalate	18.292	149	1997247	32.265	ng/ul#	92
80) Fluoranthene	19.339	202	2209206	33.356	ng/ul	96
82) Pyrene	19.692	202	2232704	33.249	ng/ul#	93
83) Butylbenzylphthalate	20.563	149	917919	33.321	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.327	252	654869	29.169	ng/ul#	97
85) Benzo(a)anthracene	21.398	228	2186366	32.734	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.327	149	1365183	32.947	ng/ul#	82
87) Chrysene	21.457	228	2114838	32.818	ng/ul	99
89) Di-n-octyl phthalate	22.268	149	2334145	34.626	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	2158625	33.768	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	1993917	34.183	ng/ul#	97
93) Benzo(a)pyrene	23.774	252	1998439	33.726	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.456	276	1998044	32.246	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.474	278	1708268	31.794	ng/ul#	96
96) Benzo(g,h,i)perylene	27.245	276	1639882	32.097	ng/ul	94

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

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