Quantitation Report (Qedit)

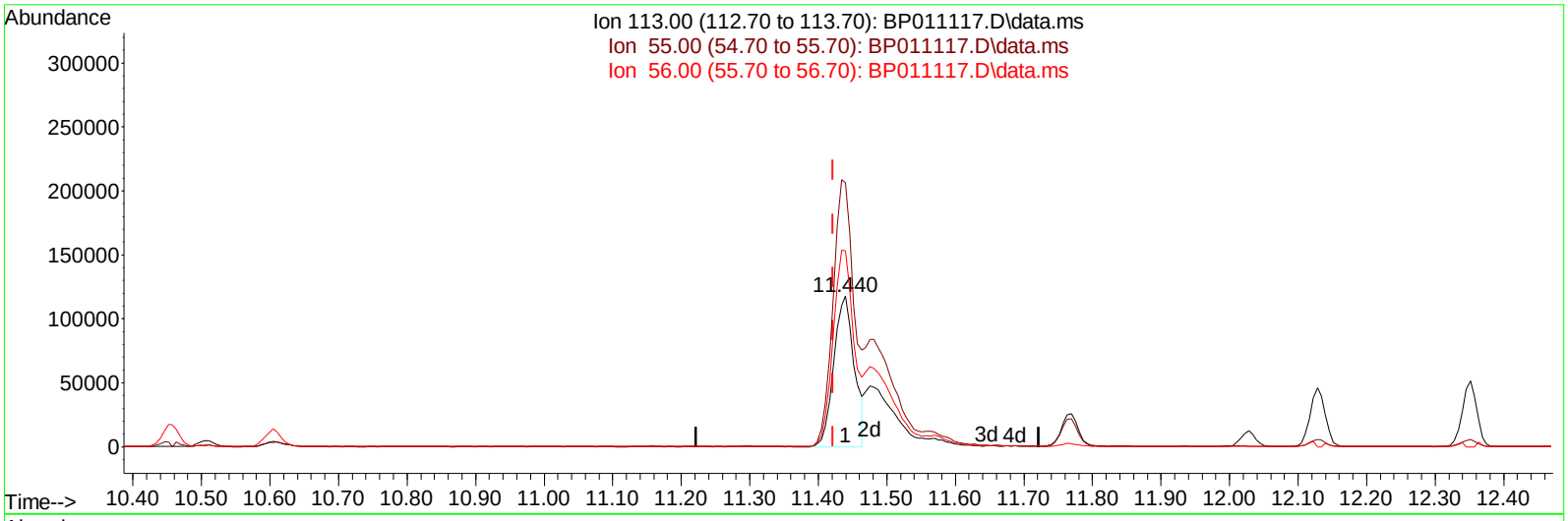
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072622\
Data File : BP011117.D
Acq On : 26 Jul 2022 19:05
Operator : CG/JU
Sample : PB146366BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

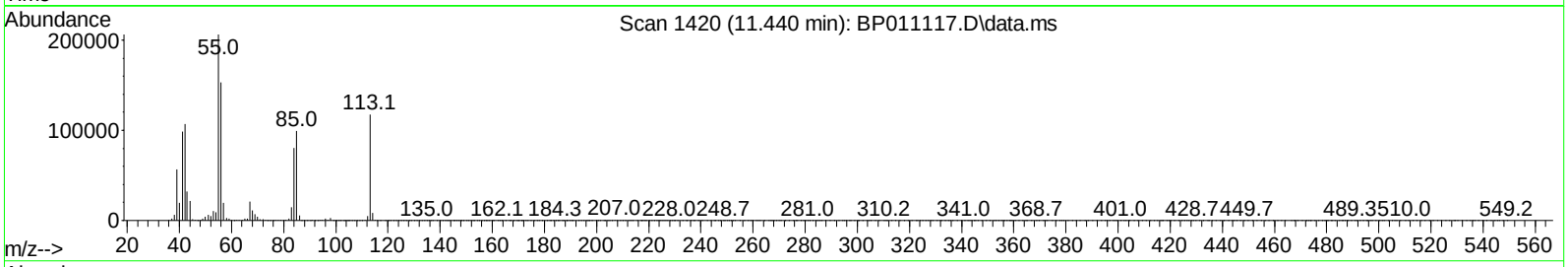
Quant Time: Jul 26 23:00:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 26 14:31:36 2022
Response via : Initial Calibration

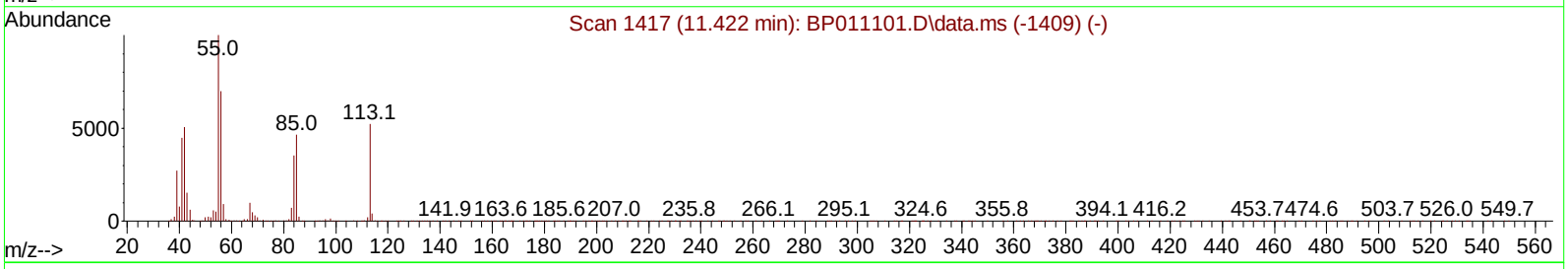
Instrument :
BNA_P
ClientSampleId :
SLCS366

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/27/2022
Supervised By :mohammad ahmed 07/27/2022







TIC: BP011117.D\data.ms

(34) Caprolactam

11.440min (+ 0.018) 22.75 ng/ul

response 244021

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	175.21
56.00	137.80	130.04
0.00	0.00	0.00

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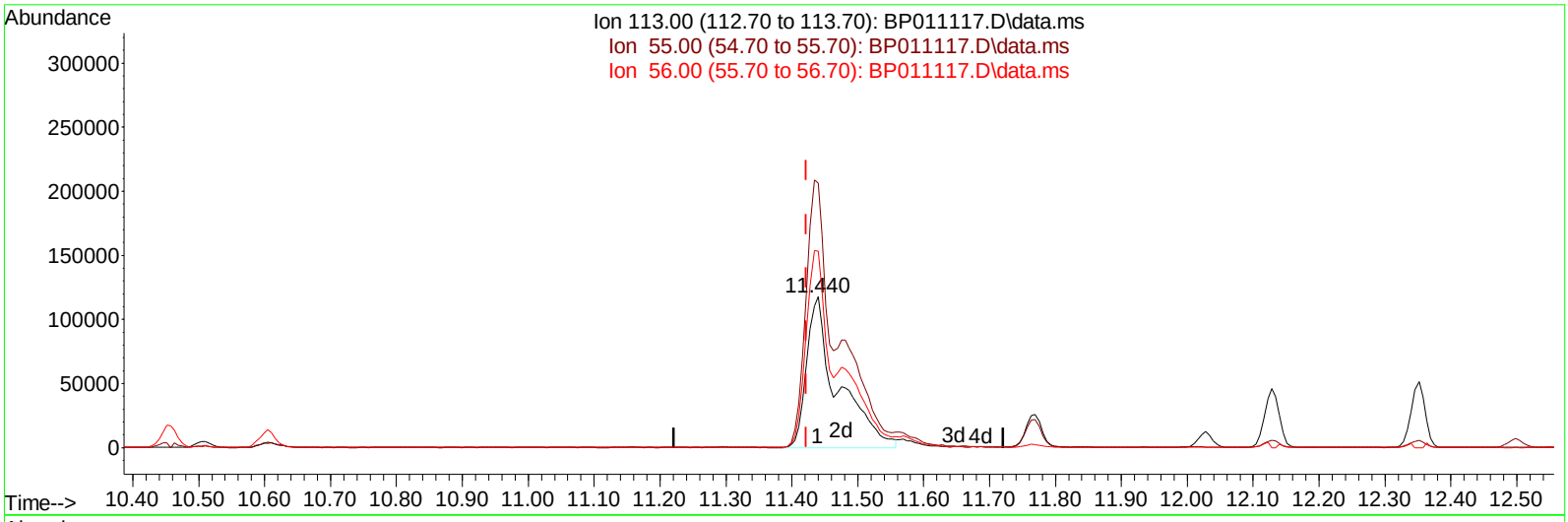

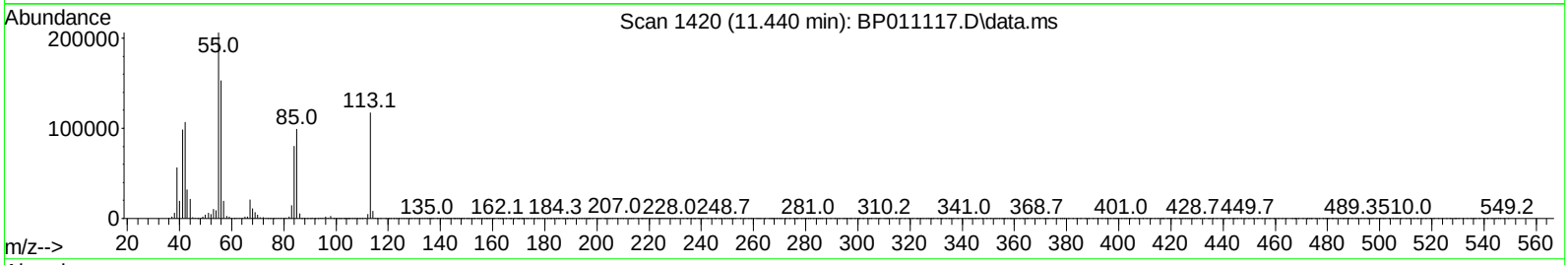

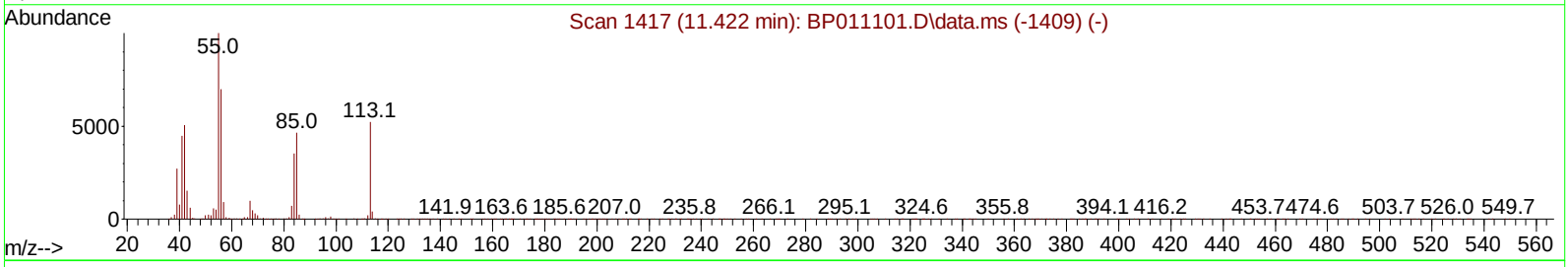

TIC: BP011117.D\data.ms

(34) Caprolactam

11.440min (+ 0.018) 35.98 ng/ul m

response 385879

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	175.21
56.00	137.80	130.04
0.00	0.00	0.00

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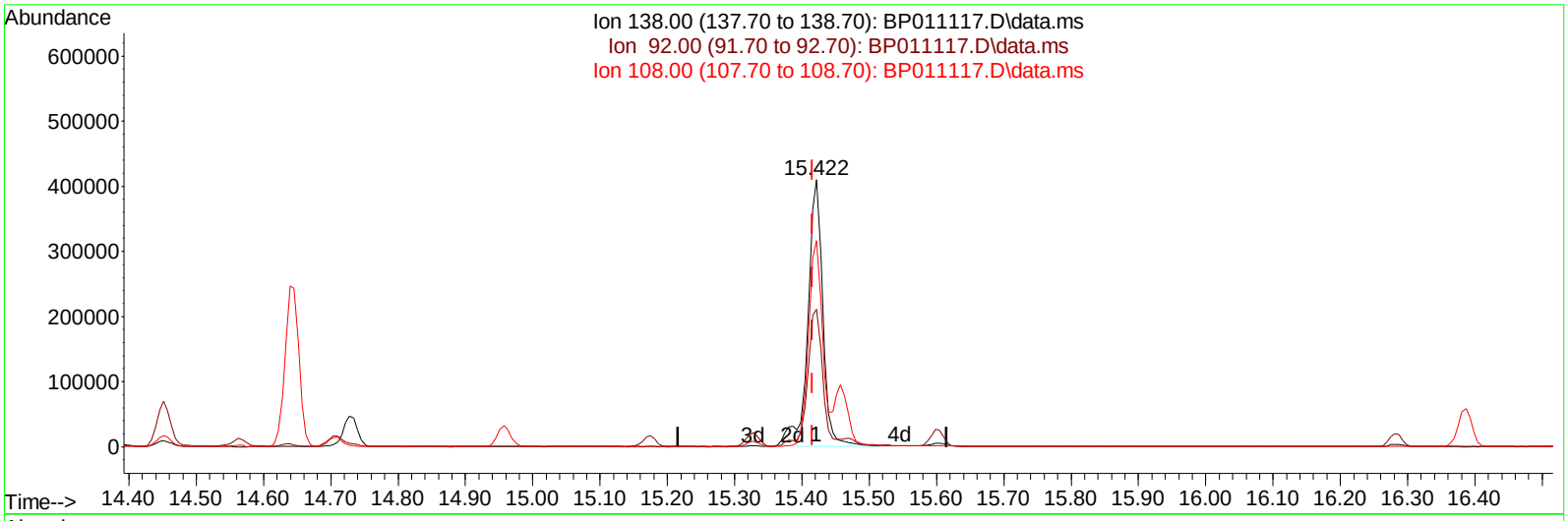

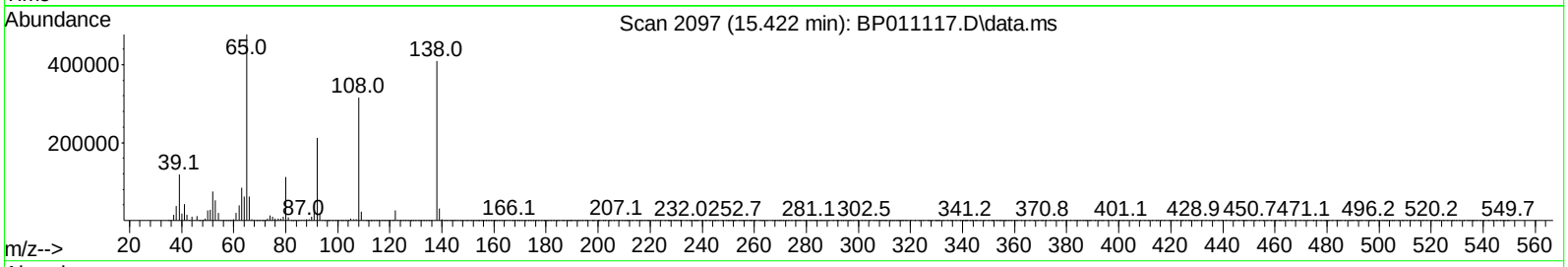

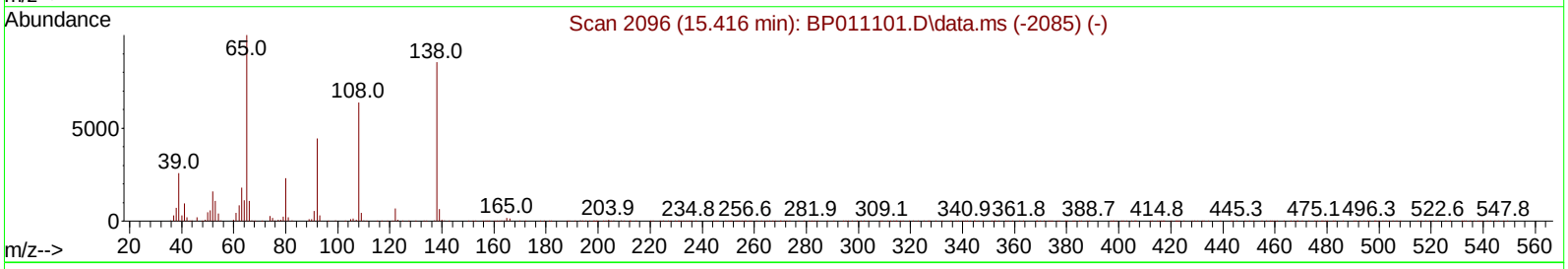

TIC: BP011117.D\data.ms

(63) 4-Nitroaniline

15.422min (+ 0.006) 36.50 ng/ul

response 598868

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.70	51.61
108.00	107.30	77.20#
0.00	0.00	0.00

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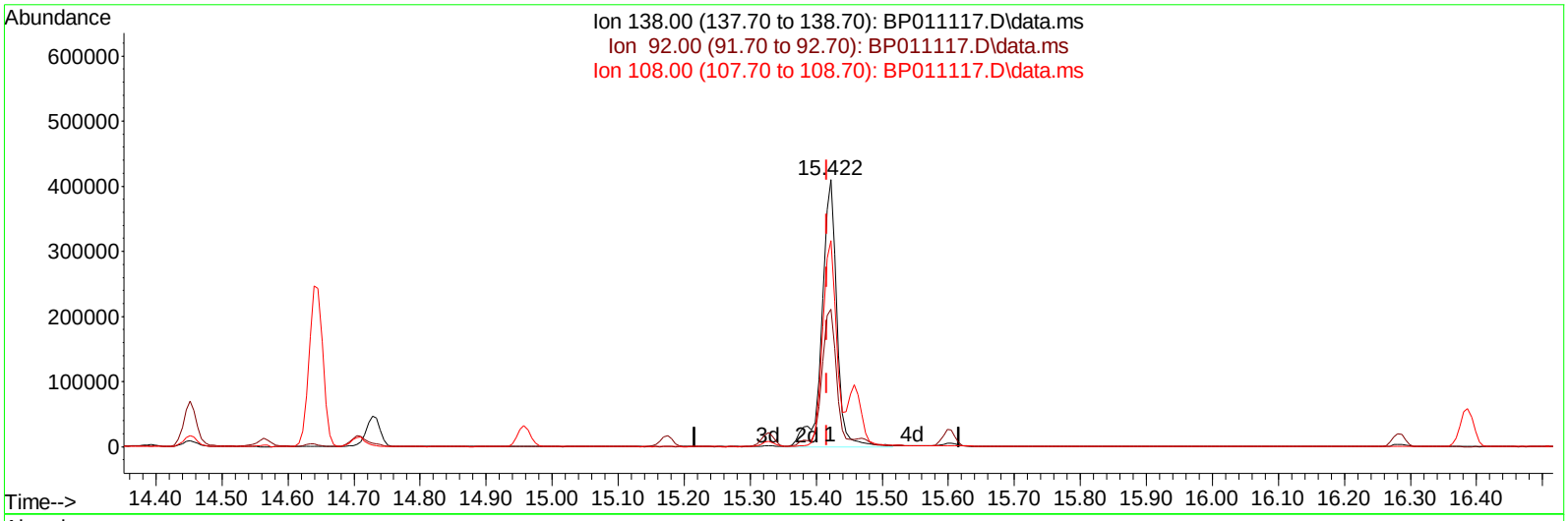

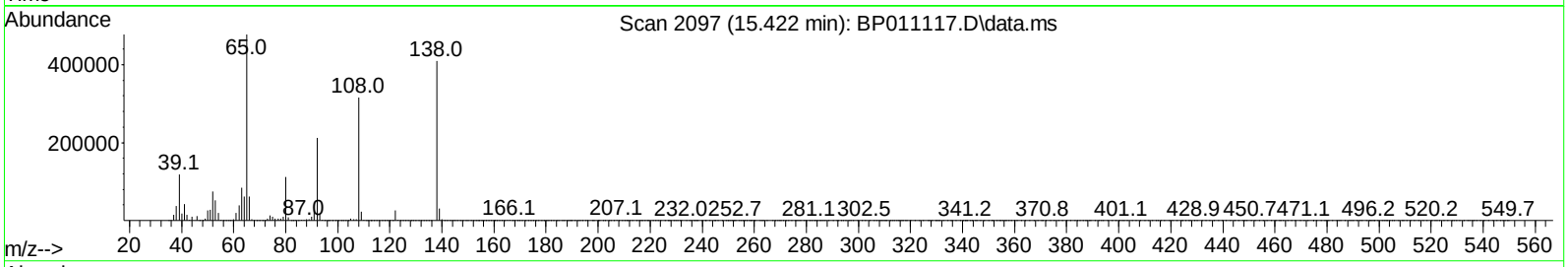

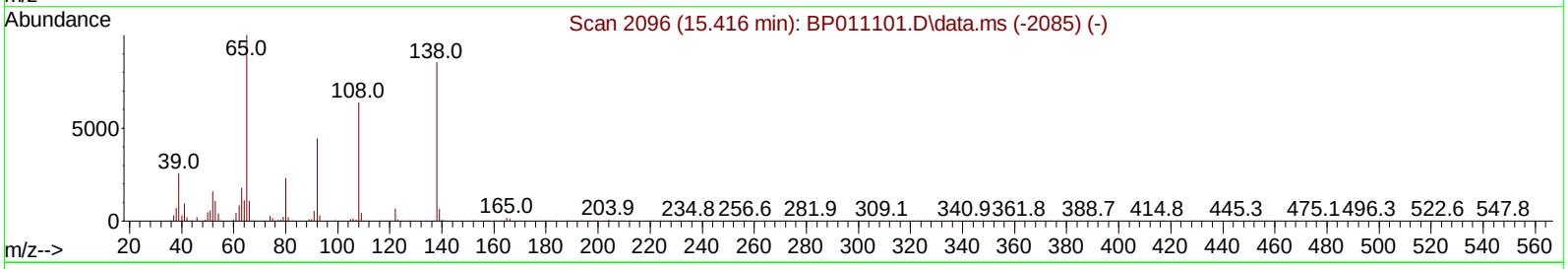

TIC: BP011117.D\data.ms

(63) 4-Nitroaniline

15.422min (+ 0.006) 39.51 ng/ul m

response 648170

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.70	51.61
108.00	107.30	77.20#
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	7.664	152	505430	20.000	ng/ul		0.00
20) Naphthalene-d8	10.458	136	2242122	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.328	164	1190061	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.092	188	1901272	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.210	240	1283483	20.000	ng/ul	#	0.00
88) Perylene-d12	23.551	264	1363315	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.158	96	101077	7.210	ng/uL		0.00
4) Pyridine-d5	3.570	84	1416094	39.078	ng/ul		0.00
7) Phenol-d5	6.846	99	1886417	45.468	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	1219412	45.707	ng/ul		0.00
11) 2-Chlorophenol-d4	7.199	132	1507452	44.966	ng/ul		0.00
15) 4-Methylphenol-d8	8.387	113	1517105	45.676	ng/ul		0.00
21) Nitrobenzene-d5	8.828	128	772068	47.252	ng/ul		0.00
24) 2-Nitrophenol-d4	9.546	143	806959	49.911	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.081	165	1334940	45.149	ng/ul		0.00
31) 4-Chloroaniline-d4	10.605	131	1917338	39.334	ng/ul		0.00
46) Dimethylphthalate-d6	13.751	166	3627326	44.597	ng/ul		0.00
49) Acenaphthylene-d8	14.016	160	4580773	47.733	ng/ul		0.00
54) 4-Nitrophenol-d4	14.551	143	584785	35.525	ng/ul		0.00
60) Fluorene-d10	15.328	176	2887223	41.761	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	459919	48.886	ng/ul		0.00
73) Anthracene-d10	17.192	188	3625353	44.853	ng/ul		0.00
81) Pyrene-d10	19.445	212	3360395	49.851	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.404	264	3149758	48.103	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.193	88	191457	13.015	ng/uL#		87
5) Pyridine	3.587	79	1369727	36.678	ng/ul#		76
6) Benzaldehyde	6.811	77	1198122	59.453	ng/ul		98
8) Phenol	6.869	94	1791139	40.614	ng/ul		89
10) Bis(2-Chloroethyl)ether	7.099	93	1467739	41.935	ng/ul		93
12) 2-Chlorophenol	7.228	128	1426633	41.168	ng/ul		95
13) 2-Methylphenol	8.116	108	1363825	41.818	ng/ul		99
14) 2,2'-oxybis(1-Chloropr...	8.193	45	2200030	45.957	ng/ul		98
16) Acetophenone	8.493	105	2119939	42.162	ng/ul#		91
17) N-Nitroso-di-n-propyla...	8.493	70	1151930	45.660	ng/ul		93
18) 4-Methylphenol	8.452	108	1463805	42.038	ng/ul		99
19) Hexachloroethane	8.734	117	591000	43.096	ng/ul#		80
22) Nitrobenzene	8.869	77	1639202	42.659	ng/ul		93
23) Isophorone	9.405	82	3202215	44.527	ng/ul		99
25) 2-Nitrophenol	9.575	139	798917	44.021	ng/ul#		84
26) 2,4-Dimethylphenol	9.646	107	1463889	38.144	ng/ul		97
27) Bis(2-Chloroethoxy)met...	9.887	93	2014986	42.339	ng/ul		98
29) 2,4-Dichlorophenol	10.110	162	1234253	40.330	ng/ul		99
30) Naphthalene	10.505	128	4492694	39.321	ng/ul		99
32) 4-Chloroaniline	10.628	127	1768006	36.669	ng/ul		99
33) Hexachlorobutadiene	10.787	225	727239	40.823	ng/ul		97
34) Caprolactam	11.440	113	385879m	35.978	ng/ul		
35) 4-Chloro-3-methylphenol	11.769	107	1440155	41.639	ng/ul		97

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.128	142	2958224	39.938	ng/ul	98
37) 1-Methylnaphthalene	12.352	142	2974694	40.066	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.499	216	1302119	41.485	ng/ul#	98
40) Hexachlorocyclopentadiene	12.475	237	776882	39.963	ng/ul	95
41) 2,4,6-Trichlorophenol	12.752	196	890434	43.078	ng/ul	96
42) 2,4,5-Trichlorophenol	12.822	196	945996	42.824	ng/ul	99
43) 1,1'-Biphenyl	13.157	154	3748696	42.217	ng/ul#	97
44) 2-Chloronaphthalene	13.193	162	2760861	41.395	ng/ul	97
45) 2-Nitroaniline	13.410	65	892311	45.920	ng/ul	88
47) Dimethylphthalate	13.799	163	3281732	39.986	ng/ul	98
48) 2,6-Dinitrotoluene	13.916	165	684737	46.083	ng/ul	98
50) Acenaphthylene	14.046	152	4455032	41.372	ng/ul	99
51) 3-Nitroaniline	14.246	138	696691	39.026	ng/ul	93
52) Acenaphthene	14.393	153	2888818	40.496	ng/ul	98
53) 2,4-Dinitrophenol	14.451	184	321541	36.988	ng/ul	89
55) 4-Nitrophenol	14.563	109	418233	33.185	ng/ul#	77
56) Dibenzofuran	14.728	168	3884388	39.462	ng/ul	100
57) 2,4-Dinitrotoluene	14.704	165	877085	41.383	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.957	232	668492	38.642	ng/ul#	83
59) Diethylphthalate	15.175	149	3303349	39.193	ng/ul	98
61) Fluorene	15.387	166	3023545	38.275	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.381	204	1406566	38.677	ng/ul	90
63) 4-Nitroaniline	15.422	138	648170m	39.507	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.475	198	428249	44.371	ng/ul#	99
67) N-Nitrosodiphenylamine	15.604	169	2551102	46.972	ng/ul	98
68) 4-Bromophenyl-phenylether	16.287	248	814867	47.521	ng/ul	96
69) Hexachlorobenzene	16.387	284	877638	44.099	ng/ul#	91
70) Atrazine	16.575	200	785975	41.834	ng/ul	97
71) Pentachlorophenol	16.740	266	494501	40.345	ng/ul	97
72) Phenanthrene	17.134	178	4101124	41.403	ng/ul	98
74) Anthracene	17.228	178	4026566	40.865	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.116	216	1322304	48.582	ng/uL	98
76) Pentachlorobenzene	14.646	250	1181234	49.508	ng/uL	99
77) Carbazole	17.510	167	3477086	37.704	ng/ul	99
78) Di-n-butylphthalate	18.075	149	4788965	41.544	ng/ul	99
80) Fluoranthene	19.122	202	3900492	49.474	ng/ul#	87
82) Pyrene	19.475	202	3847039	47.295	ng/ul#	82
83) Butylbenzylphthalate	20.369	149	1768764	48.744	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.133	252	1113486	48.995	ng/ul#	97
85) Benzo(a)anthracene	21.198	228	3281039	41.976	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.133	149	2625196	48.487	ng/ul#	96
87) Chrysene	21.245	228	3239498	42.208	ng/ul	100
89) Di-n-octyl phthalate	22.045	149	4435108	48.507	ng/ul	100
90) Benzo(b)fluoranthene	22.839	252	3591075	42.660	ng/ul#	95
91) Benzo(k)fluoranthene	22.886	252	3339566	42.236	ng/ul#	95
93) Benzo(a)pyrene	23.451	252	3517212	43.507	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	25.980	276	4322146	46.005	ng/ul#	86
95) Dibenzo(a,h)anthracene	25.998	278	3693726	45.436	ng/ul#	91
96) Benzo(g,h,i)perylene	26.721	276	3719239	46.481	ng/ul#	87

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

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