Quantitation Report (Qedit)

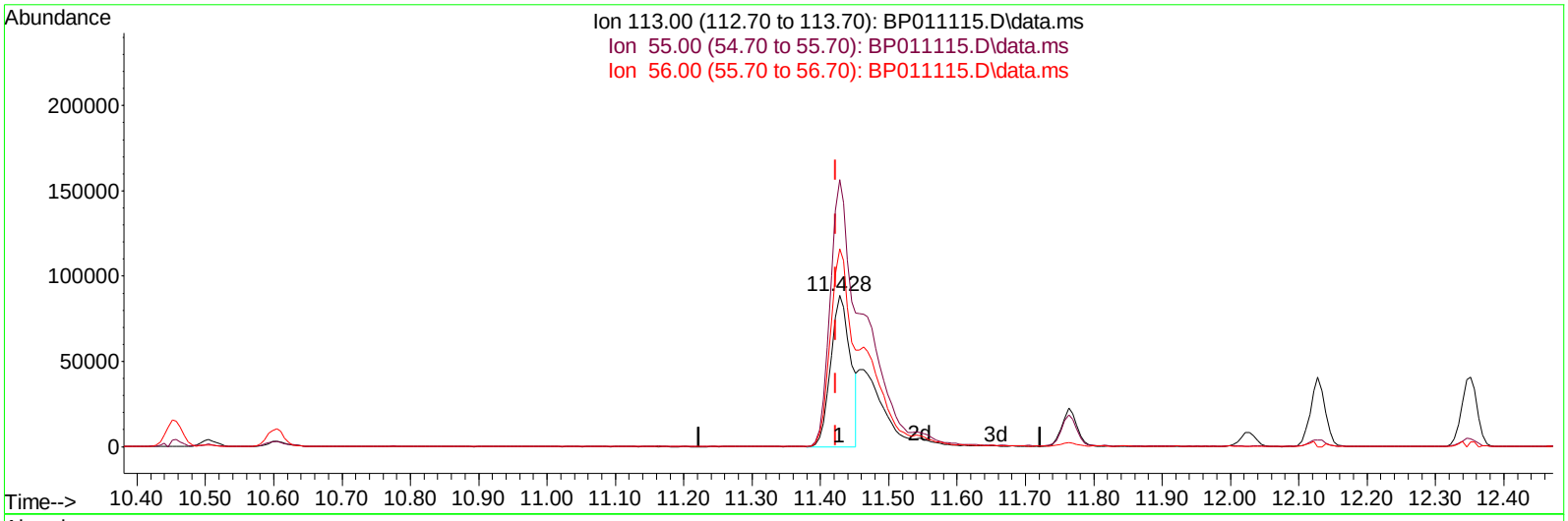
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072622\
Data File : BP011115.D
Acq On : 26 Jul 2022 17:56
Operator : CG/JU
Sample : PB146402BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

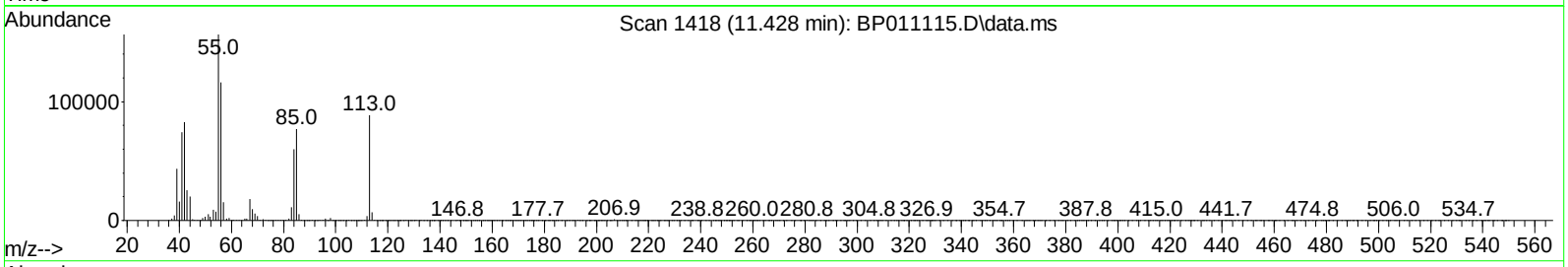
Quant Time: Jul 26 18:25:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 26 14:31:36 2022
Response via : Initial Calibration

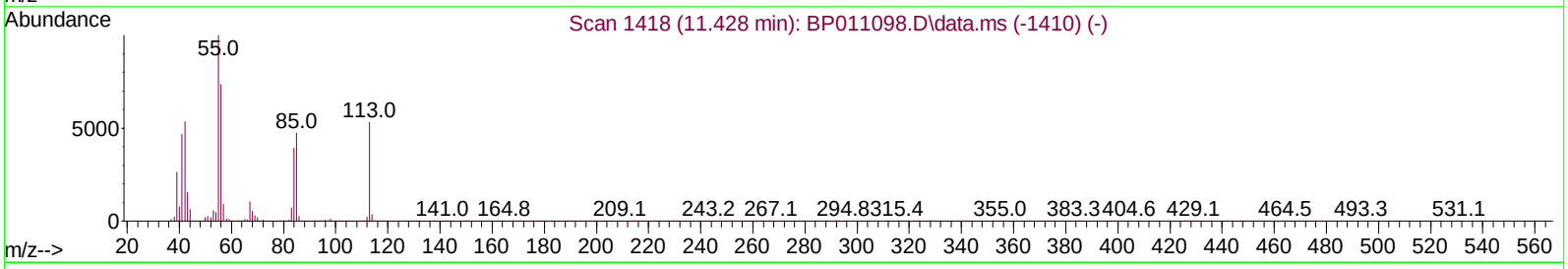
Instrument :
BNA_P
ClientSampleId :
SLCS402

Manual IntegrationsAPPROVED

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







TIC: BP011115.D\data.ms

(34) Caprolactam

11.428min (+ 0.006) 17.11 ng/ul

response 178881

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	176.50
56.00	137.80	131.06
0.00	0.00	0.00

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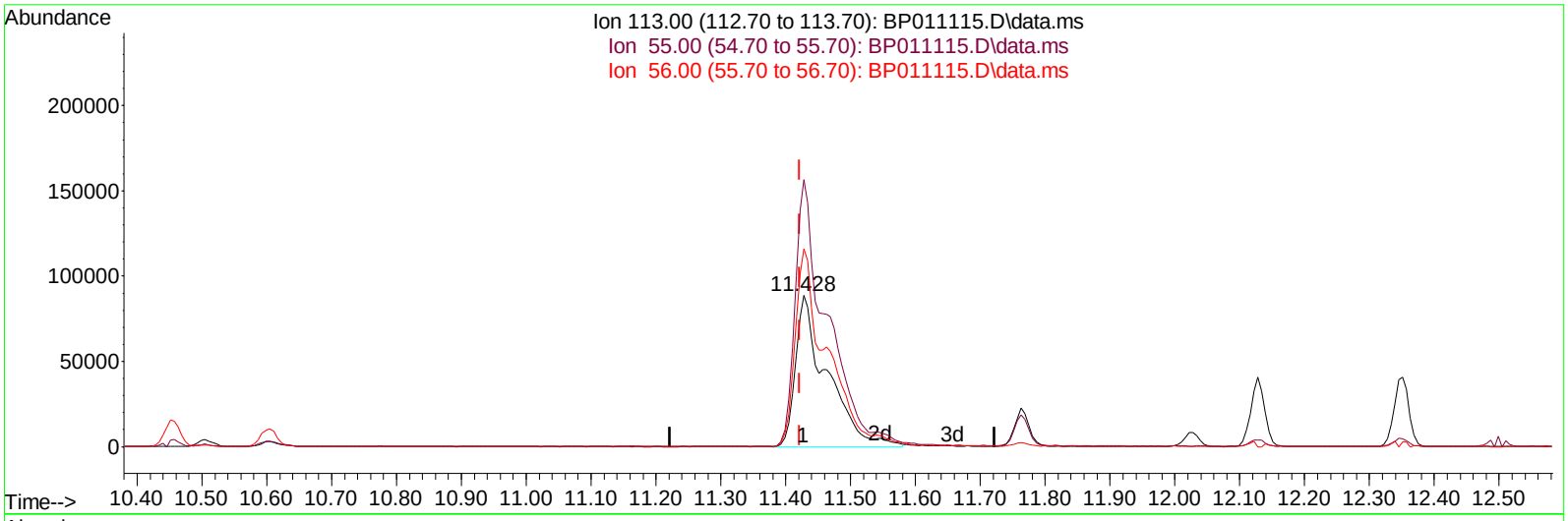

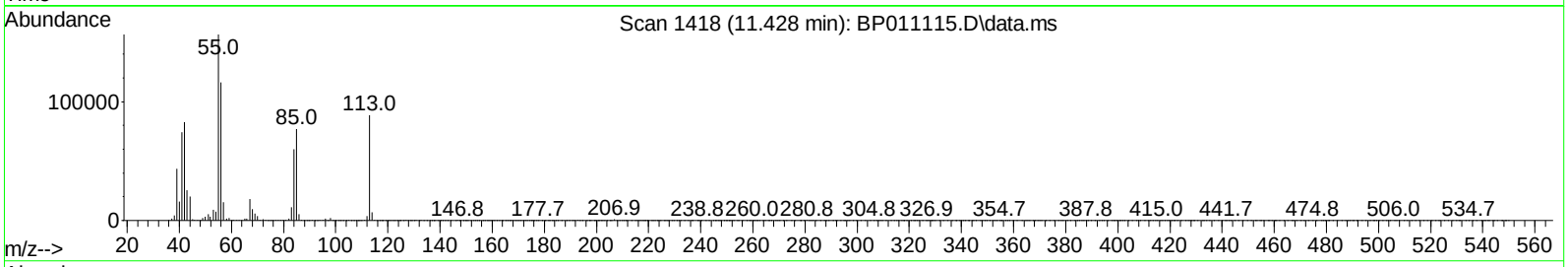

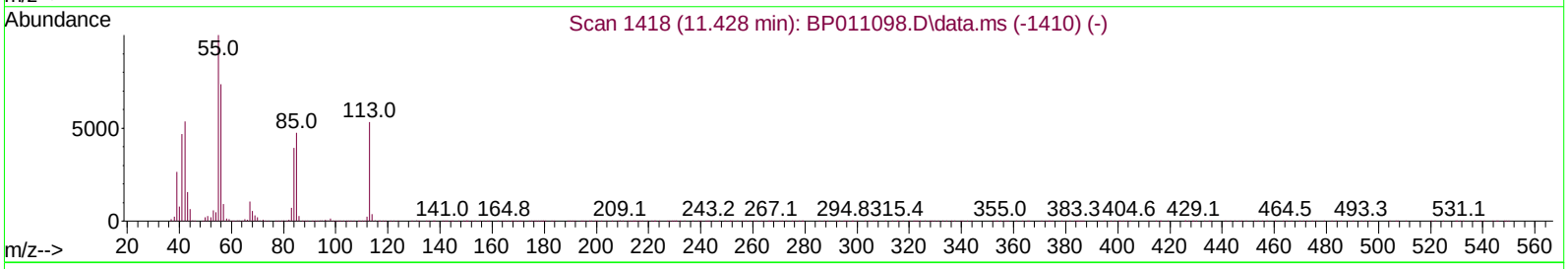

TIC: BP011115.D\data.ms

(34) Caprolactam

11.428min (+ 0.006) 28.70 ng/ul m

response 300027

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	176.50
56.00	137.80	131.06
0.00	0.00	0.00

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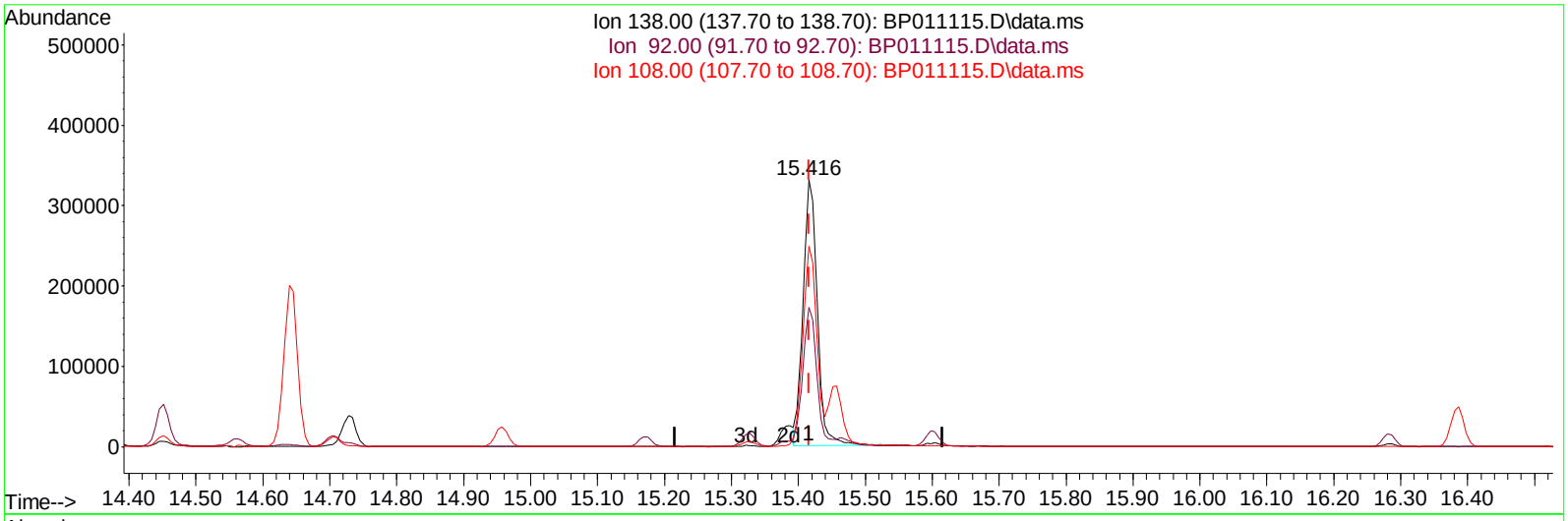

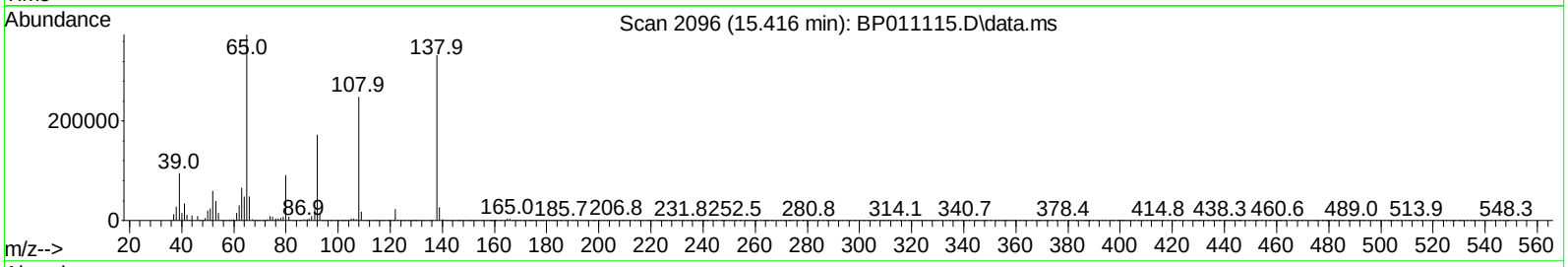

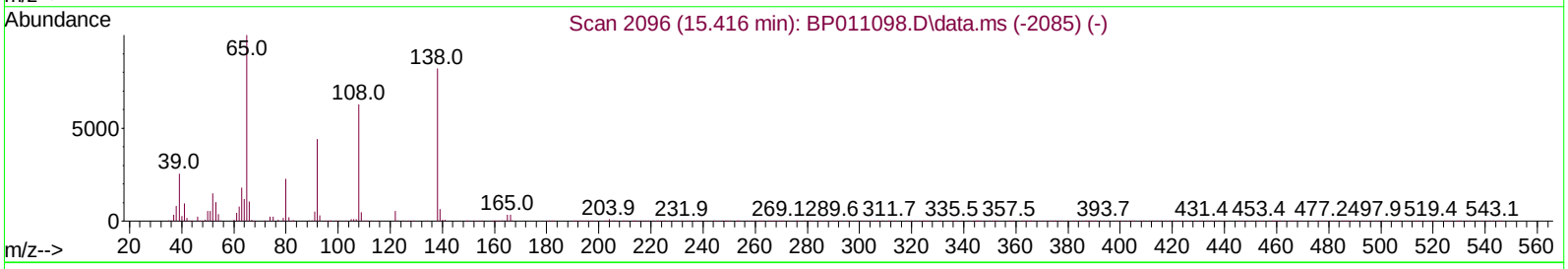

TIC: BP011115.D\data.ms

(63) 4-Nitroaniline

15.416min (-0.000) 31.68 ng/ul

response 491607

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.70	52.16
108.00	107.30	75.08#
0.00	0.00	0.00

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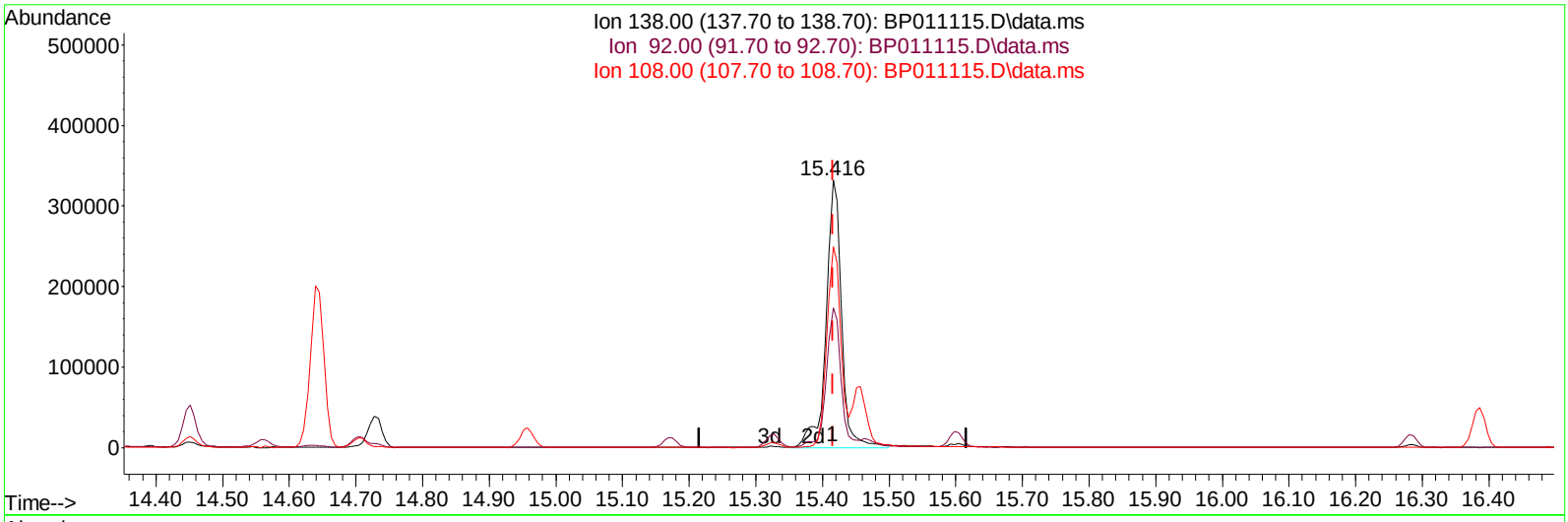

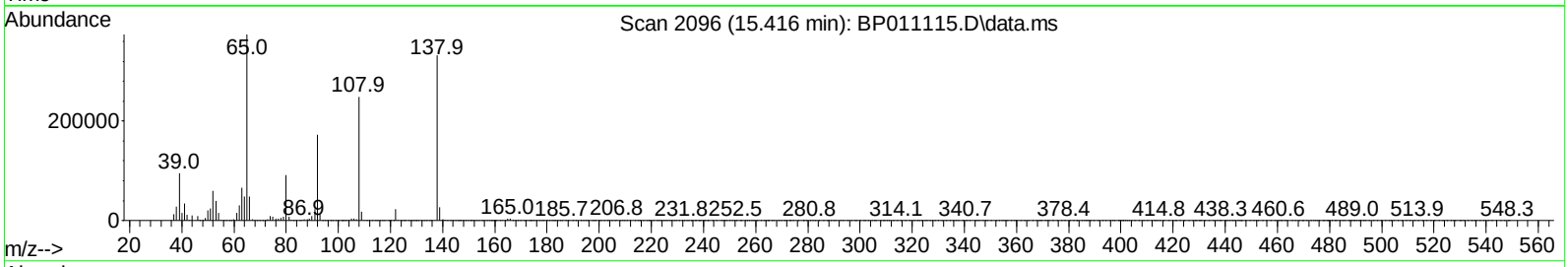

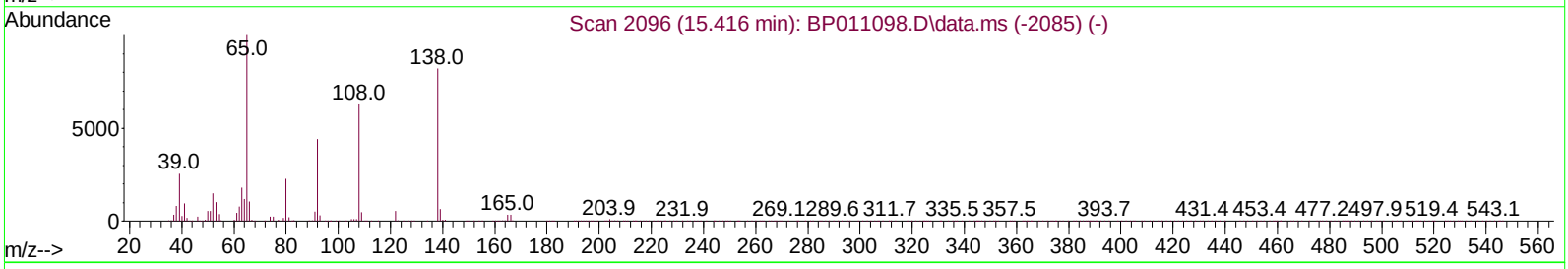

TIC: BP011115.D\data.ms

(63) 4-Nitroaniline

15.416min (-0.000) 34.57 ng/ul m

response 536574

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.70	52.16
108.00	107.30	75.08#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	7.663	152	530251	20.000	ng/ul		0.00
20) Naphthalene-d8	10.457	136	2185055	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.328	164	1125777	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.092	188	1877334	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.210	240	1658211	20.000	ng/ul	#	0.00
88) Perylene-d12	23.551	264	1857034	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.164	96	96291	6.547	ng/uL		0.00
4) Pyridine-d5	3.569	84	1305871	34.349	ng/ul		0.00
7) Phenol-d5	6.846	99	1653435	37.987	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	1067848	38.153	ng/ul		0.00
11) 2-Chlorophenol-d4	7.199	132	1383122	39.326	ng/ul		0.00
15) 4-Methylphenol-d8	8.387	113	1321470	37.924	ng/ul		0.00
21) Nitrobenzene-d5	8.828	128	677464	42.545	ng/ul		0.00
24) 2-Nitrophenol-d4	9.546	143	707132	44.879	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.081	165	1177896	40.878	ng/ul		0.00
31) 4-Chloroaniline-d4	10.604	131	1626042	34.230	ng/ul		0.00
46) Dimethylphthalate-d6	13.745	166	2941665	38.232	ng/ul		0.00
49) Acenaphthylene-d8	14.016	160	3822949	42.111	ng/ul		0.00
54) 4-Nitrophenol-d4	14.545	143	482483	30.984	ng/ul		0.00
60) Fluorene-d10	15.328	176	2432890	37.199	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	395297	42.553	ng/ul		0.00
73) Anthracene-d10	17.192	188	3191272	39.986	ng/ul		0.00
81) Pyrene-d10	19.445	212	3401351	39.056	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.404	264	3789737	42.490	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.193	88	181727	11.776	ng/uL#		87
5) Pyridine	3.587	79	1263895	32.260	ng/ul#		75
6) Benzaldehyde	6.810	77	1063806	50.317	ng/ul		97
8) Phenol	6.869	94	1594424	34.462	ng/ul#		87
10) Bis(2-Chloroethyl)ether	7.099	93	1313317	35.766	ng/ul		91
12) 2-Chlorophenol	7.228	128	1321832	36.359	ng/ul		92
13) 2-Methylphenol	8.116	108	1208149	35.310	ng/ul		100
14) 2,2'-oxybis(1-Chloropr...	8.204	45	1879233	37.418	ng/ul#		97
16) Acetophenone	8.493	105	1842971	34.938	ng/ul#		89
17) N-Nitroso-di-n-propyla...	8.487	70	970609	36.672	ng/ul		92
18) 4-Methylphenol	8.446	108	1276388	34.939	ng/ul		97
19) Hexachloroethane	8.728	117	552345	38.392	ng/ul#		81
22) Nitrobenzene	8.869	77	1402696	37.458	ng/ul		91
23) Isophorone	9.399	82	2613295	37.287	ng/ul		98
25) 2-Nitrophenol	9.575	139	709350	40.107	ng/ul#		81
26) 2,4-Dimethylphenol	9.646	107	1272927	34.034	ng/ul		96
27) Bis(2-Chloroethoxy)met...	9.887	93	1687774	36.390	ng/ul		99
29) 2,4-Dichlorophenol	10.110	162	1104876	37.045	ng/ul		99
30) Naphthalene	10.504	128	3979822	35.742	ng/ul		99
32) 4-Chloroaniline	10.628	127	1508894	32.112	ng/ul		99
33) Hexachlorobutadiene	10.787	225	720844	41.521	ng/ul		97
34) Caprolactam	11.428	113	300027m	28.704	ng/ul		
35) 4-Chloro-3-methylphenol	11.763	107	1150307	34.127	ng/ul		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.128	142	2569017	35.589	ng/ul	98
37) 1-Methylnaphthalene	12.351	142	2559641	35.376	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.498	216	1218443	41.036	ng/ul	99
40) Hexachlorocyclopentadiene	12.475	237	751079	40.841	ng/ul#	86
41) 2,4,6-Trichlorophenol	12.751	196	768083	39.281	ng/ul	99
42) 2,4,5-Trichlorophenol	12.822	196	810749	38.797	ng/ul	100
43) 1,1'-Biphenyl	13.157	154	3202309	38.123	ng/ul#	98
44) 2-Chloronaphthalene	13.192	162	2407143	38.152	ng/ul	98
45) 2-Nitroaniline	13.410	65	677820	36.874	ng/ul#	82
47) Dimethylphthalate	13.798	163	2713565	34.951	ng/ul	99
48) 2,6-Dinitrotoluene	13.916	165	548727	39.038	ng/ul	93
50) Acenaphthylene	14.045	152	3731139	36.628	ng/ul	99
51) 3-Nitroaniline	14.245	138	560821	33.209	ng/ul#	87
52) Acenaphthene	14.392	153	2426436	35.956	ng/ul	98
53) 2,4-Dinitrophenol	14.451	184	259963	31.612	ng/ul#	85
55) 4-Nitrophenol	14.563	109	340193	28.534	ng/ul#	78
56) Dibenzofuran	14.728	168	3278315	35.207	ng/ul	98
57) 2,4-Dinitrotoluene	14.704	165	723003	36.061	ng/ul	85
58) 2,3,4,6-Tetrachlorophenol	14.957	232	589873	36.045	ng/ul	90
59) Diethylphthalate	15.169	149	2669456	33.480	ng/ul	98
61) Fluorene	15.381	166	2522508	33.756	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.381	204	1224043	35.580	ng/ul	93
63) 4-Nitroaniline	15.416	138	536574m	34.572	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.469	198	370483	38.875	ng/ul	98
67) N-Nitrosodiphenylamine	15.598	169	2137056	39.850	ng/ul	99
68) 4-Bromophenyl-phenylether	16.286	248	738683	43.627	ng/ul	96
69) Hexachlorobenzene	16.381	284	175020	8.906	ng/ul	93
70) Atrazine	16.569	200	685885	36.972	ng/ul	98
71) Pentachlorophenol	16.739	266	469646	38.806	ng/ul	99
72) Phenanthrene	17.133	178	3612389	36.934	ng/ul	99
74) Anthracene	17.228	178	3532084	36.304	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.110	216	1209561	45.006	ng/uL	97
76) Pentachlorobenzene	14.645	250	1081916	45.924	ng/uL	98
77) Carbazole	17.504	167	3123782	34.305	ng/ul	99
78) Di-n-butylphthalate	18.075	149	4102496	36.042	ng/ul	99
80) Fluoranthene	19.122	202	3837777	37.678	ng/ul#	89
82) Pyrene	19.474	202	3882238	36.942	ng/ul#	85
83) Butylbenzylphthalate	20.369	149	1742558	37.169	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.139	252	1327977	45.228	ng/ul	99
85) Benzo(a)anthracene	21.198	228	3716371	36.801	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.133	149	2609025	37.298	ng/ul#	97
87) Chrysene	21.245	228	3626613	36.574	ng/ul	99
89) Di-n-octyl phthalate	22.045	149	4610754	37.021	ng/ul	100
90) Benzo(b)fluoranthene	22.839	252	4293079	37.441	ng/ul#	97
91) Benzo(k)fluoranthene	22.886	252	4066057	37.752	ng/ul#	95
93) Benzo(a)pyrene	23.451	252	4212167	38.251	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	25.974	276	5246846	41.000	ng/ul#	91
95) Dibenzo(a,h)anthracene	25.998	278	4523683	40.851	ng/ul#	94
96) Benzo(g,h,i)perylene	26.721	276	4550400	41.749	ng/ul#	91

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

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