Quantitation Report (Qedit)

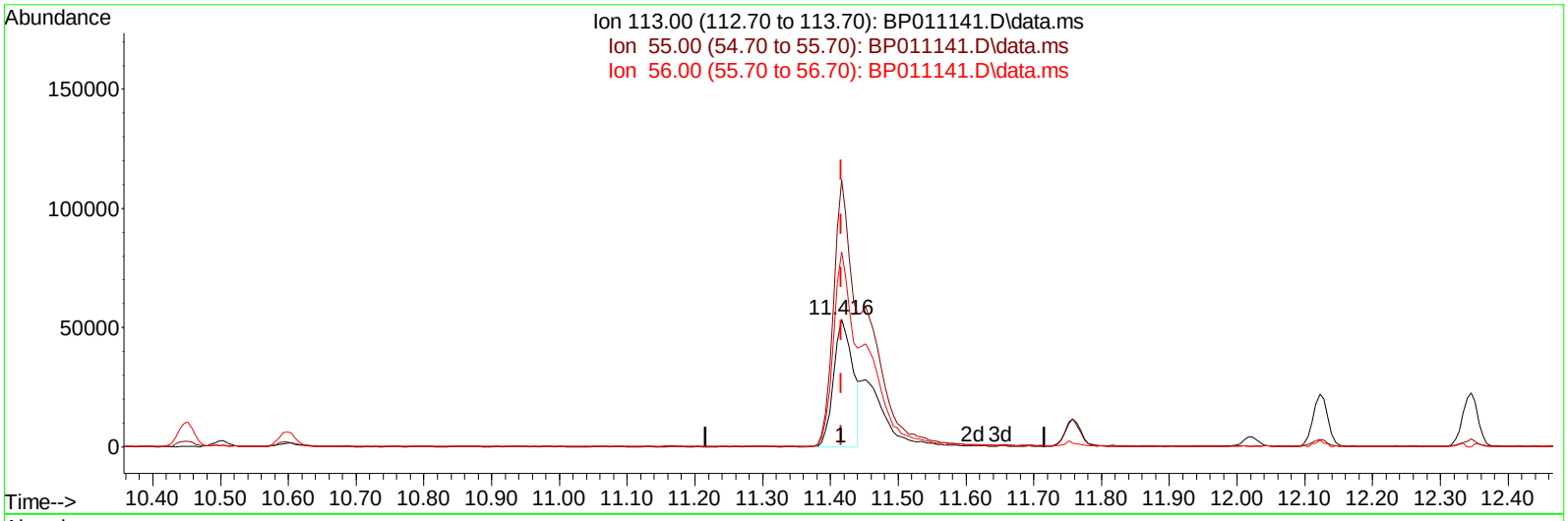
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072722\
Data File : BP011141.D
Acq On : 27 Jul 2022 22:18
Operator : CG/JU
Sample : PB146439BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

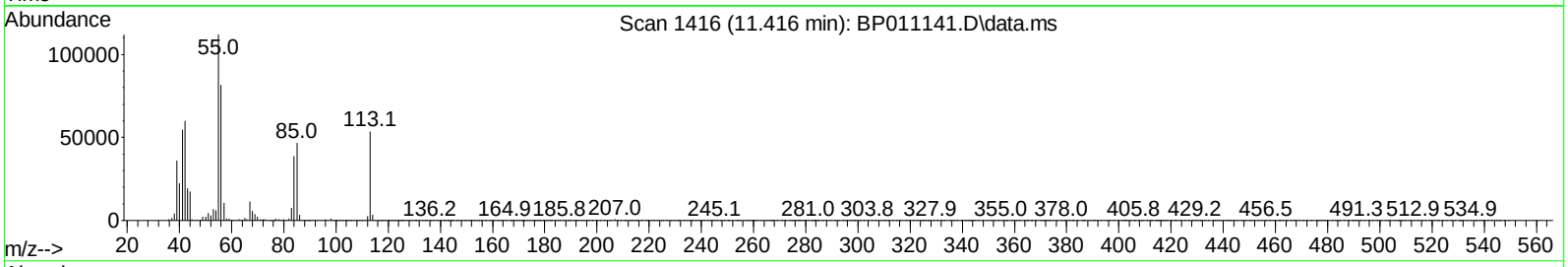
Quant Time: Jul 28 00:59:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 28 00:46:32 2022
Response via : Initial Calibration

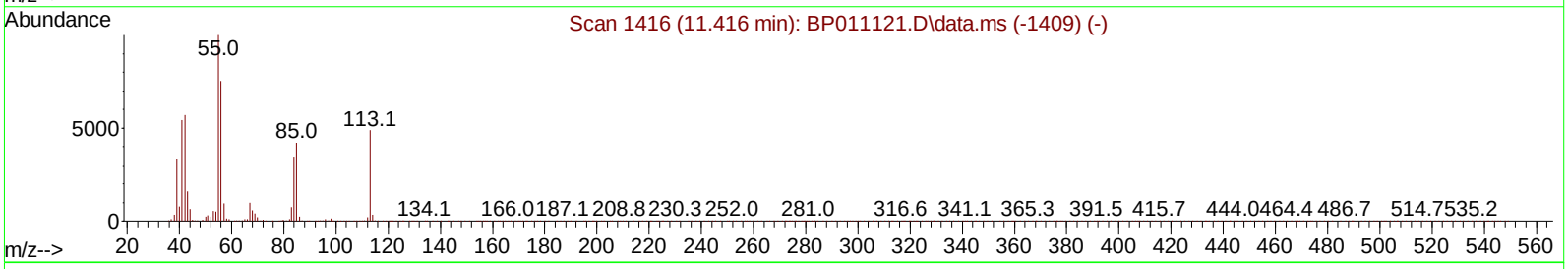
Instrument :
BNA_P
ClientSampleId :
SLCS439

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/28/2022
Supervised By :mohammad ahmed 07/28/2022







TIC: BP011141.D\data.ms

(34) Caprolactam

11.416min (-0.000) 18.69 ng/ul

response 105007

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	209.08
56.00	137.80	152.64
0.00	0.00	0.00

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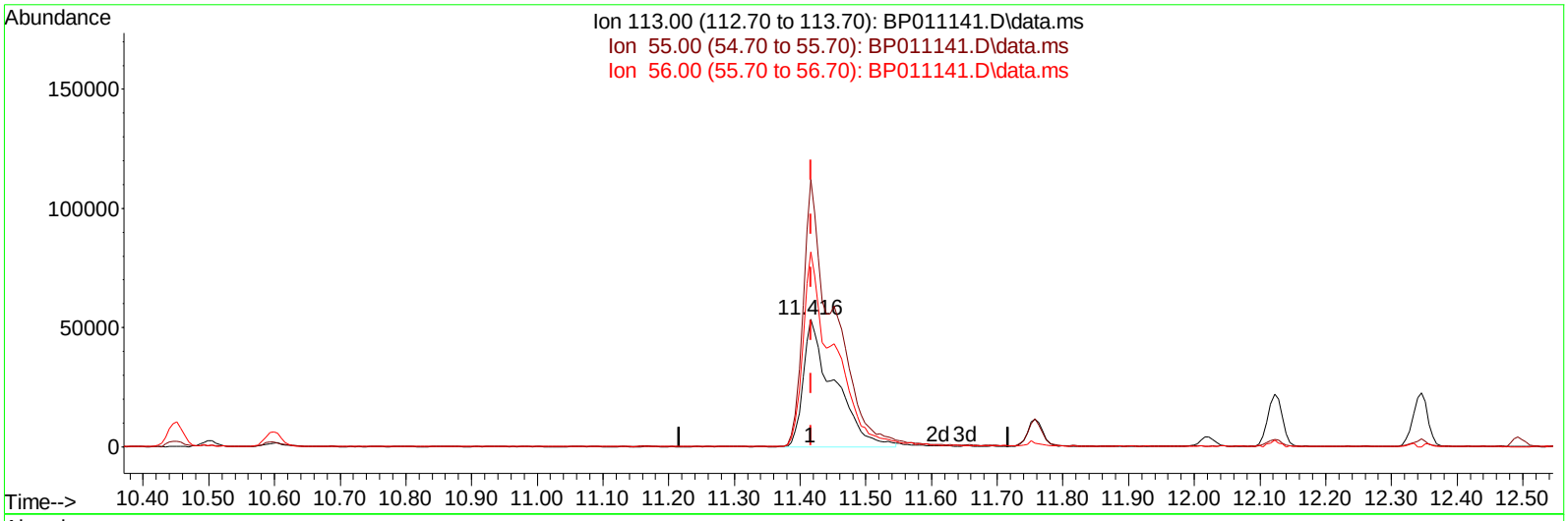

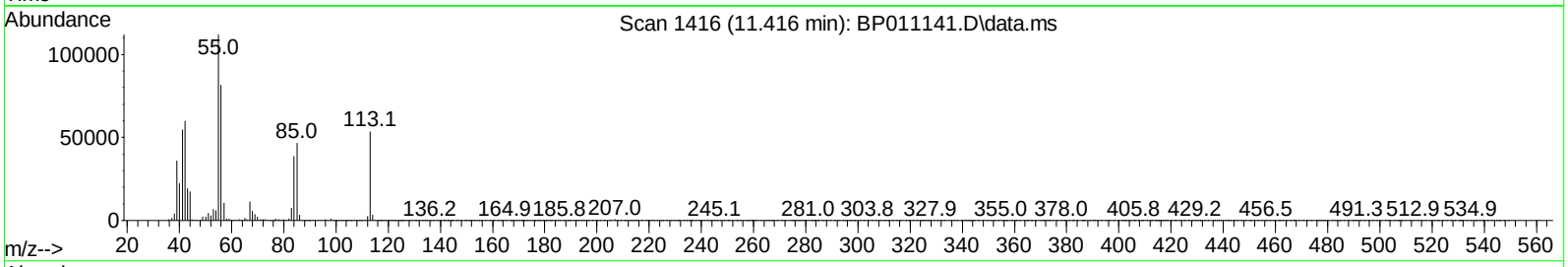

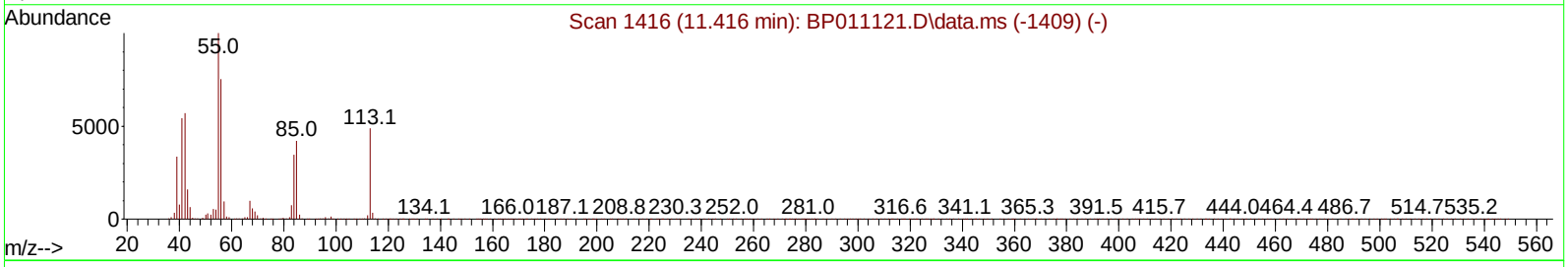

TIC: BP011141.D\data.ms

(34) Caprolactam

11.416min (-0.000) 31.09 ng/ul m

response 174687

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.30	209.08
56.00	137.80	152.64
0.00	0.00	0.00

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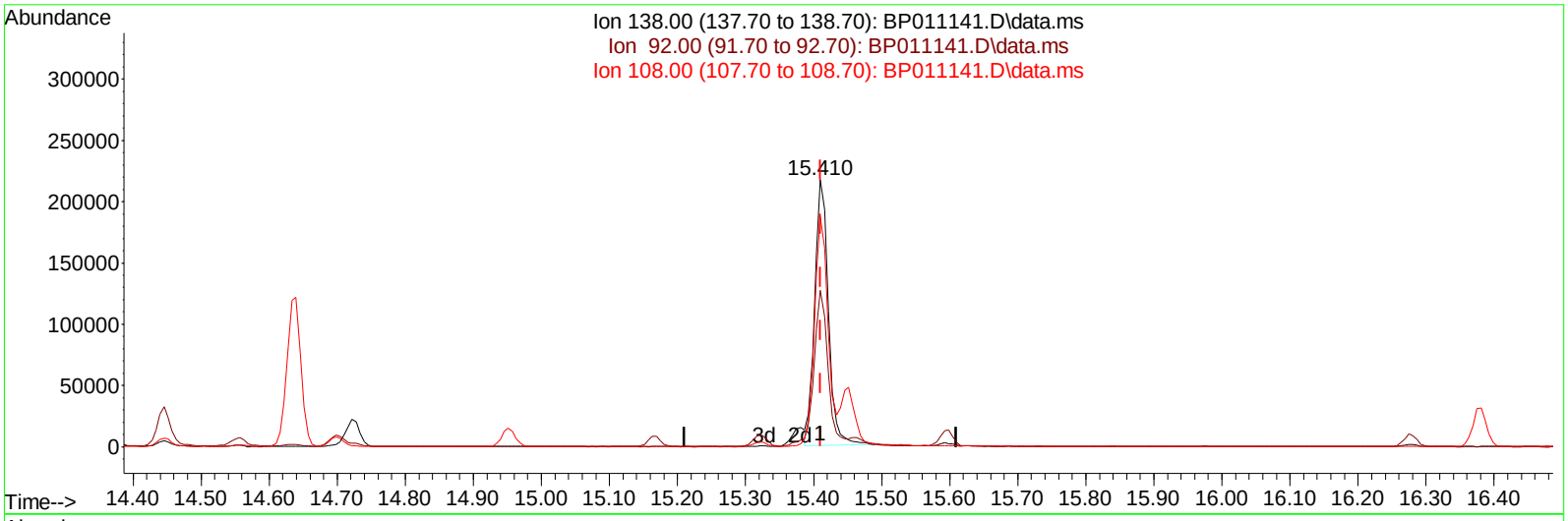

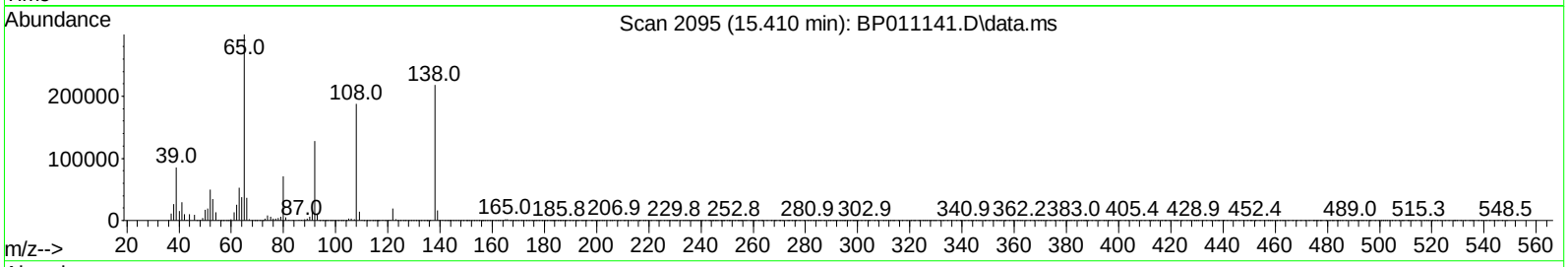

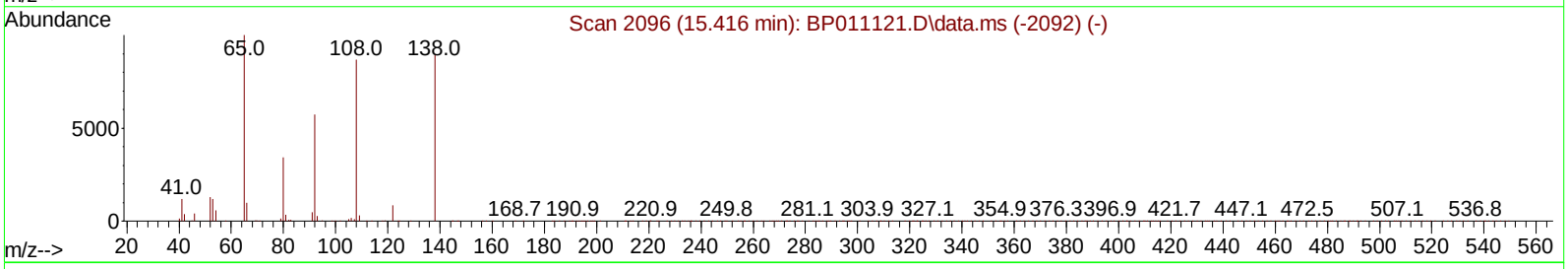

TIC: BP011141.D\data.ms

(63) 4-Nitroaniline

15.410min (-0.000) 37.16 ng/ul

response 304929

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.70	58.56
108.00	107.30	86.10
0.00	0.00	0.00

Quantitation Report (Qedit)

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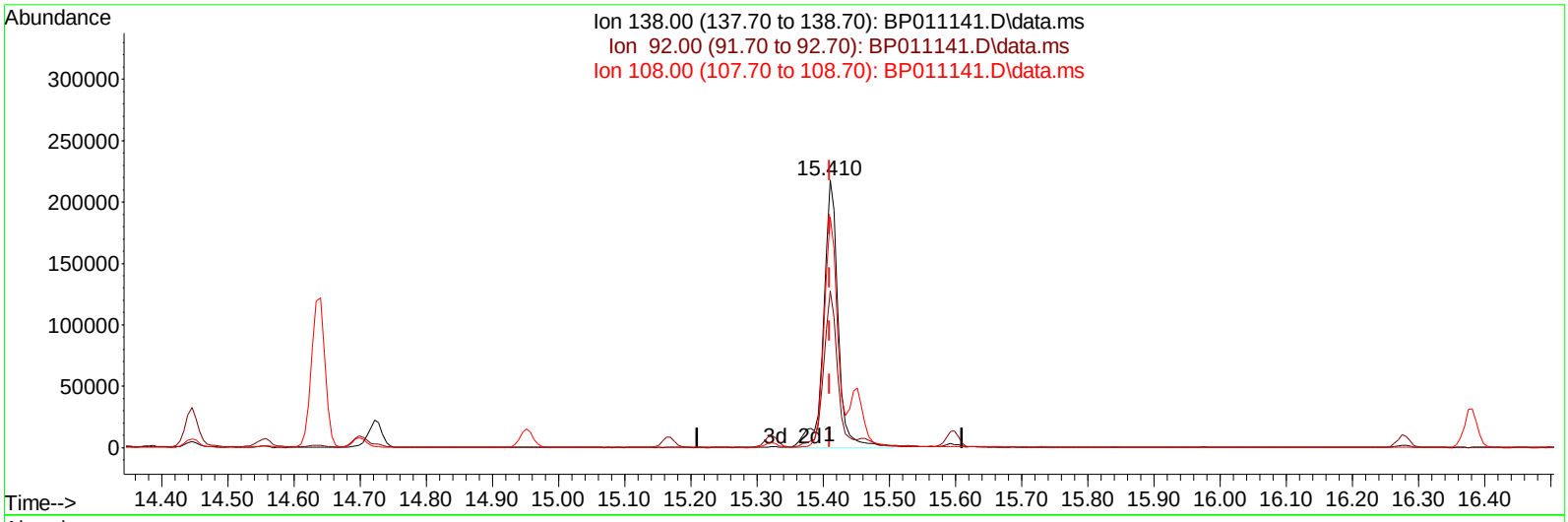

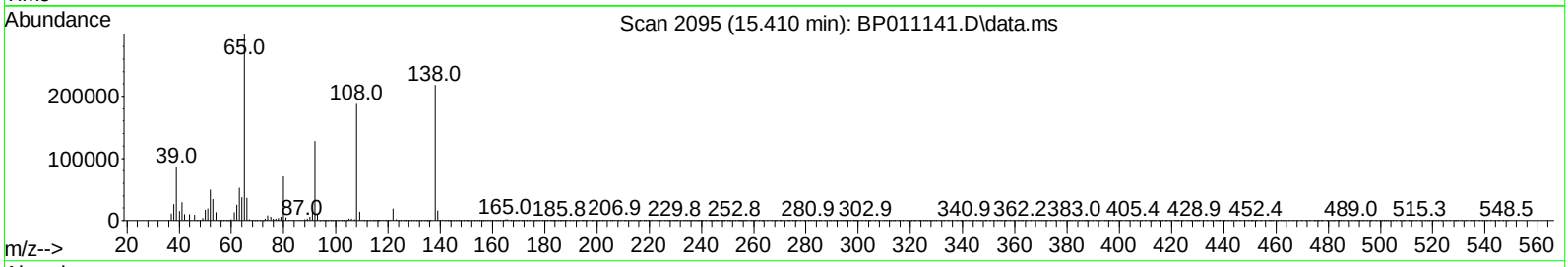

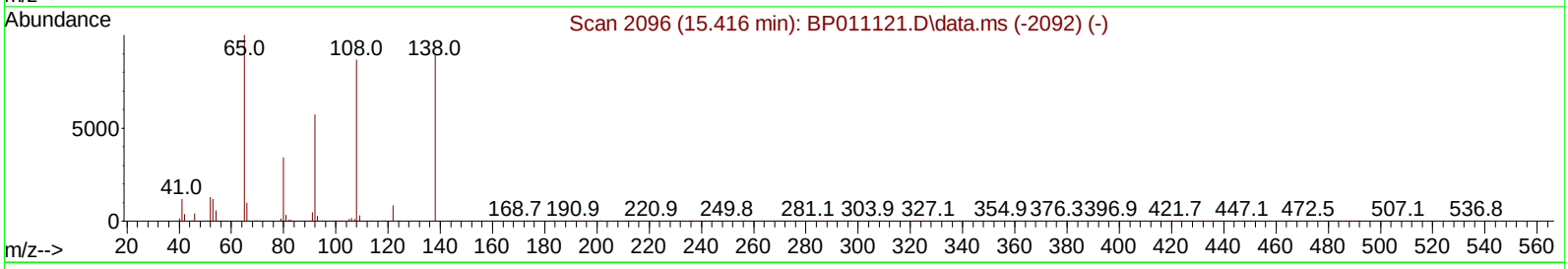

TIC: BP011141.D\data.ms

(63) 4-Nitroaniline

15.410min (-0.000) 41.07 ng/ul m

response 337048

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	57.70	58.56
108.00	107.30	86.10
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	7.658	152	297225	20.000	ng/ul	0.00
20) Naphthalene-d8	10.452	136	1174561	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.322	164	595282	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.087	188	1157747	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.204	240	1200659	20.000	ng/ul	# 0.00
88) Perylene-d12	23.545	264	1282966	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	51044	6.191	ng/uL	0.00
4) Pyridine-d5	3.570	84	688745	32.320	ng/ul	0.00
7) Phenol-d5	6.840	99	864265	35.423	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	612207	39.022	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132	710390	36.034	ng/ul	0.00
15) 4-Methylphenol-d8	8.381	113	650076	33.282	ng/ul	0.00
21) Nitrobenzene-d5	8.822	128	332112	38.800	ng/ul	0.00
24) 2-Nitrophenol-d4	9.540	143	322403	38.065	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.075	165	553694	35.747	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	815353	31.930	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	1479185	36.357	ng/ul	0.00
49) Acenaphthylene-d8	14.010	160	1922254	40.044	ng/ul	0.00
54) 4-Nitrophenol-d4	14.540	143	285705	34.697	ng/ul	0.00
60) Fluorene-d10	15.322	176	1258326	36.386	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	207171	36.163	ng/ul	0.00
73) Anthracene-d10	17.186	188	1848247	37.552	ng/ul	0.00
81) Pyrene-d10	19.439	212	2196394	34.831	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.392	264	2403110	38.999	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	101497	11.733	ng/uL#	89
5) Pyridine	3.587	79	703915	32.053	ng/ul#	80
6) Benzaldehyde	6.811	77	622698	52.544	ng/ul	98
8) Phenol	6.864	94	893838	34.466	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.093	93	744571	36.175	ng/ul	96
12) 2-Chlorophenol	7.222	128	722383	35.448	ng/ul	98
13) 2-Methylphenol	8.111	108	638680	33.301	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.199	45	1247889	44.328	ng/ul	96
16) Acetophenone	8.487	105	1031496	34.886	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.481	70	547137	36.879	ng/ul	97
18) 4-Methylphenol	8.440	108	677159	33.069	ng/ul	97
19) Hexachloroethane	8.728	117	331722	41.134	ng/ul#	74
22) Nitrobenzene	8.863	77	823082	40.889	ng/ul	96
23) Isophorone	9.393	82	1437535	38.157	ng/ul	97
25) 2-Nitrophenol	9.569	139	355313	37.373	ng/ul	90
26) 2,4-Dimethylphenol	9.640	107	685256	34.084	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.881	93	906901	36.375	ng/ul	99
29) 2,4-Dichlorophenol	10.105	162	550494	34.337	ng/ul	98
30) Naphthalene	10.499	128	2145638	35.848	ng/ul	99
32) 4-Chloroaniline	10.622	127	803631	31.817	ng/ul	99
33) Hexachlorobutadiene	10.781	225	348360	37.329	ng/ul	96
34) Caprolactam	11.416	113	174687m	31.091	ng/ul	
35) 4-Chloro-3-methylphenol	11.757	107	606384	33.468	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.122	142	1323430	34.106	ng/ul	97
37) 1-Methylnaphthalene	12.346	142	1332522	34.260	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.493	216	583898	37.190	ng/ul#	98
40) Hexachlorocyclopentadiene	12.469	237	347132	35.698	ng/ul	97
41) 2,4,6-Trichlorophenol	12.746	196	365211	35.322	ng/ul	99
42) 2,4,5-Trichlorophenol	12.810	196	390379	35.329	ng/ul	99
43) 1,1'-Biphenyl	13.151	154	1646993	37.081	ng/ul#	96
44) 2-Chloronaphthalene	13.187	162	1242637	37.247	ng/ul	97
45) 2-Nitroaniline	13.404	65	399796	41.131	ng/ul	91
47) Dimethylphthalate	13.787	163	1445000	35.198	ng/ul#	97
48) 2,6-Dinitrotoluene	13.910	165	278657	37.492	ng/ul	96
50) Acenaphthylene	14.040	152	2004086	37.206	ng/ul	99
51) 3-Nitroaniline	14.240	138	317847	35.595	ng/ul	98
52) Acenaphthene	14.387	153	1310168	36.717	ng/ul	98
53) 2,4-Dinitrophenol	14.445	184	133896	30.792	ng/ul	95
55) 4-Nitrophenol	14.557	109	239051	37.919	ng/ul#	78
56) Dibenzofuran	14.722	168	1777593	36.102	ng/ul	99
57) 2,4-Dinitrotoluene	14.698	165	414890	39.134	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.951	232	298730	34.522	ng/ul#	78
59) Diethylphthalate	15.169	149	1509947	35.814	ng/ul	98
61) Fluorene	15.375	166	1412932	35.757	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.381	204	631539	34.717	ng/ul	92
63) 4-Nitroaniline	15.410	138	337048m	41.070	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.463	198	210347	35.791	ng/ul	93
67) N-Nitrosodiphenylamine	15.598	169	1199259	36.262	ng/ul	98
68) 4-Bromophenyl-phenylether	16.281	248	374126	35.830	ng/ul	92
69) Hexachlorobenzene	16.381	284	432430	35.683	ng/ul#	91
70) Atrazine	16.563	200	398604	34.841	ng/ul	96
71) Pentachlorophenol	16.734	266	254238	34.064	ng/ul	98
72) Phenanthrene	17.128	178	2221936	36.837	ng/ul	98
74) Anthracene	17.222	178	2202249	36.704	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.110	216	577837	34.864	ng/uL	99
76) Pentachlorobenzene	14.640	250	526866	36.264	ng/uL	99
77) Carbazole	17.504	167	2110323	37.579	ng/ul	99
78) Di-n-butylphthalate	18.069	149	2631089	37.482	ng/ul	99
80) Fluoranthene	19.116	202	2616659	35.479	ng/ul#	85
82) Pyrene	19.469	202	2707322	35.579	ng/ul#	81
83) Butylbenzylphthalate	20.363	149	1227302	36.155	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.133	252	868253	40.840	ng/ul#	97
85) Benzo(a)anthracene	21.192	228	2644140	36.161	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.133	149	1886500	37.247	ng/ul#	96
87) Chrysene	21.245	228	2602255	36.244	ng/ul	99
89) Di-n-octyl phthalate	22.039	149	3290844	38.247	ng/ul	100
90) Benzo(b)fluoranthene	22.833	252	2958655	37.348	ng/ul#	96
91) Benzo(k)fluoranthene	22.880	252	2689132	36.139	ng/ul#	94
93) Benzo(a)pyrene	23.439	252	2855447	37.533	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	25.962	276	3375811	38.183	ng/ul#	86
95) Dibenzo(a,h)anthracene	25.980	278	2903996	37.959	ng/ul#	92
96) Benzo(g,h,i)perylene	26.704	276	2920169	38.780	ng/ul#	86

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

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