Quantitation Report (Qedit)

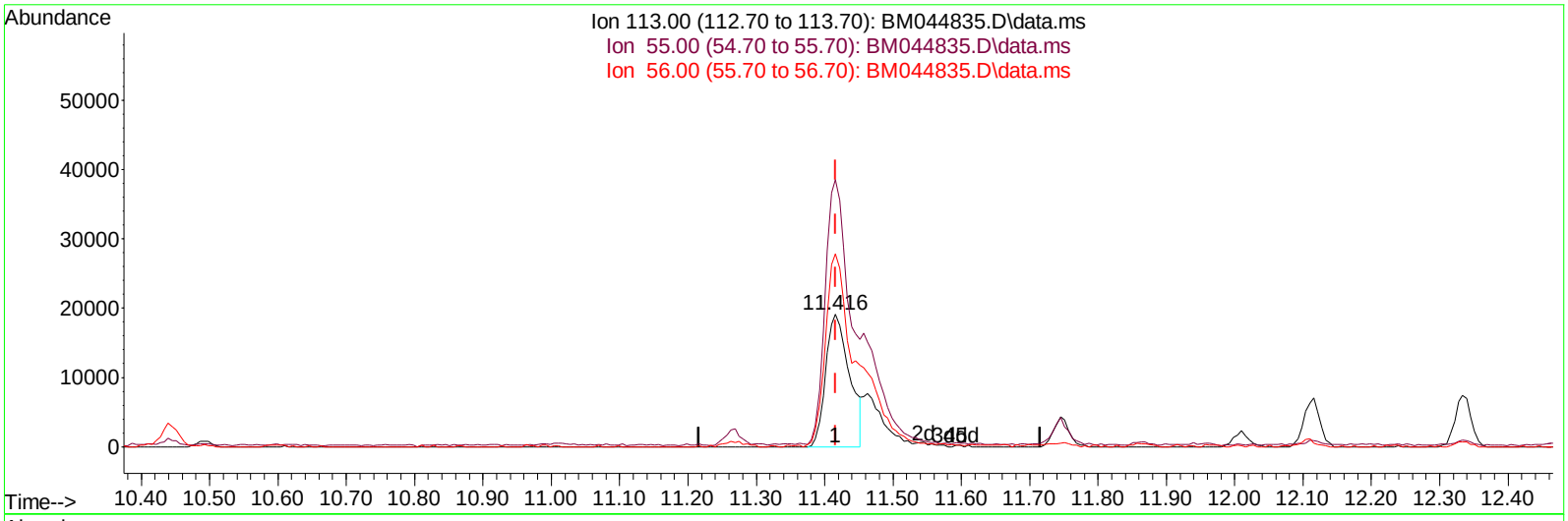
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033024\
Data File : BM044835.D
Acq On : 30 Mar 2024 16:53
Operator : MA/JU
Sample : P1887-08MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

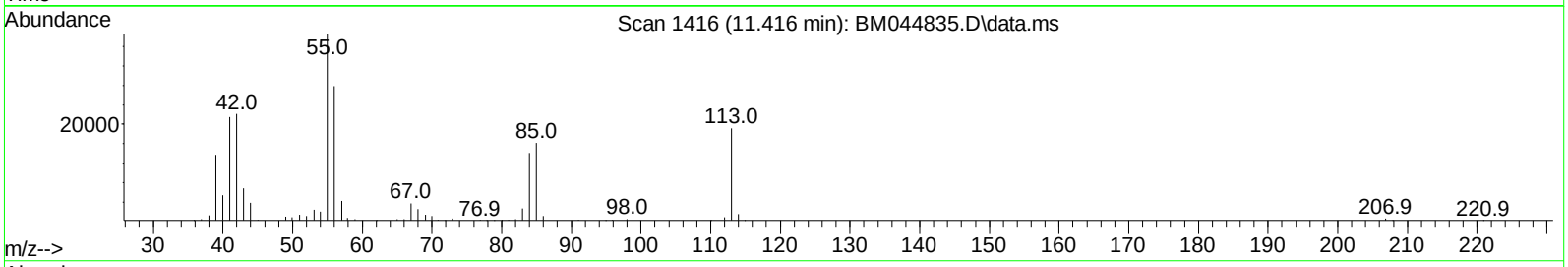
Quant Time: Mar 31 13:58:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Mar 31 13:54:26 2024
Response via : Initial Calibration

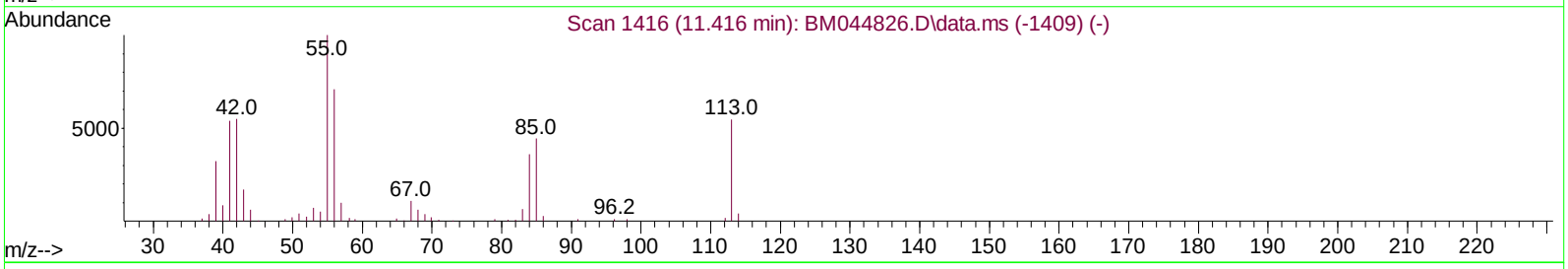
Instrument :
BNA_M
ClientSampleId :
E0799MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/01/2024
Supervised By :mohammad ahmed 04/02/2024







TIC: BM044835.D\data.ms

(34) Caprolactam

11.416min (+ 0.000) 19.87 ng/ul

response 45962

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	201.17
56.00	127.70	145.32
0.00	0.00	0.00

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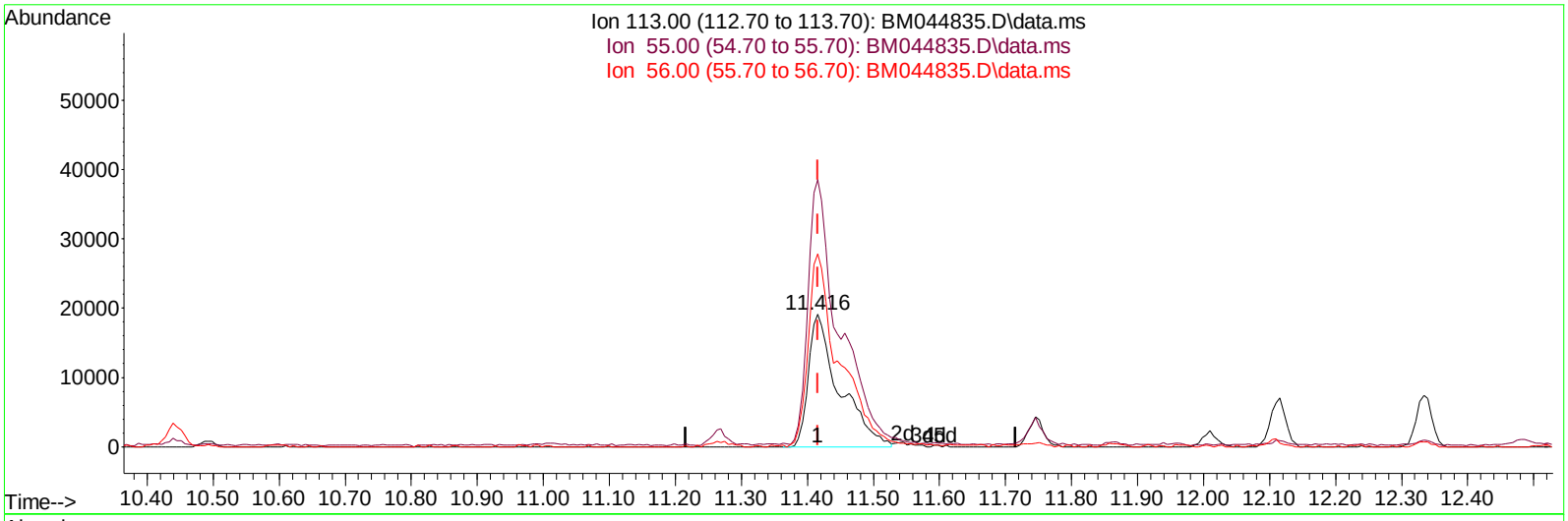

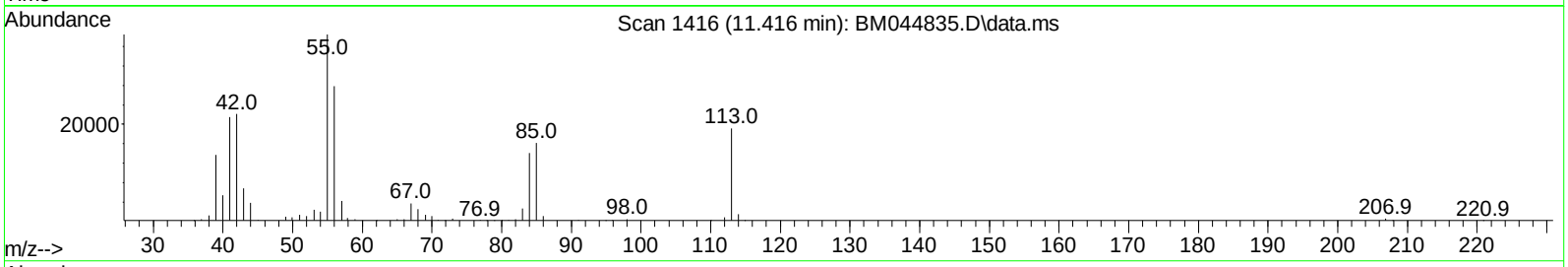

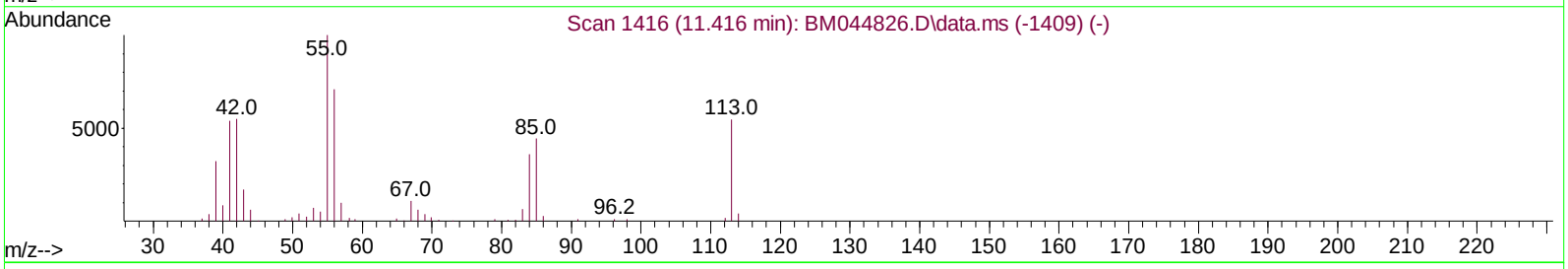

TIC: BM044835.D\data.ms

(34) Caprolactam

11.416min (+ 0.000) 26.81 ng/ul m

response 61992

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	201.17
56.00	127.70	145.32
0.00	0.00	0.00

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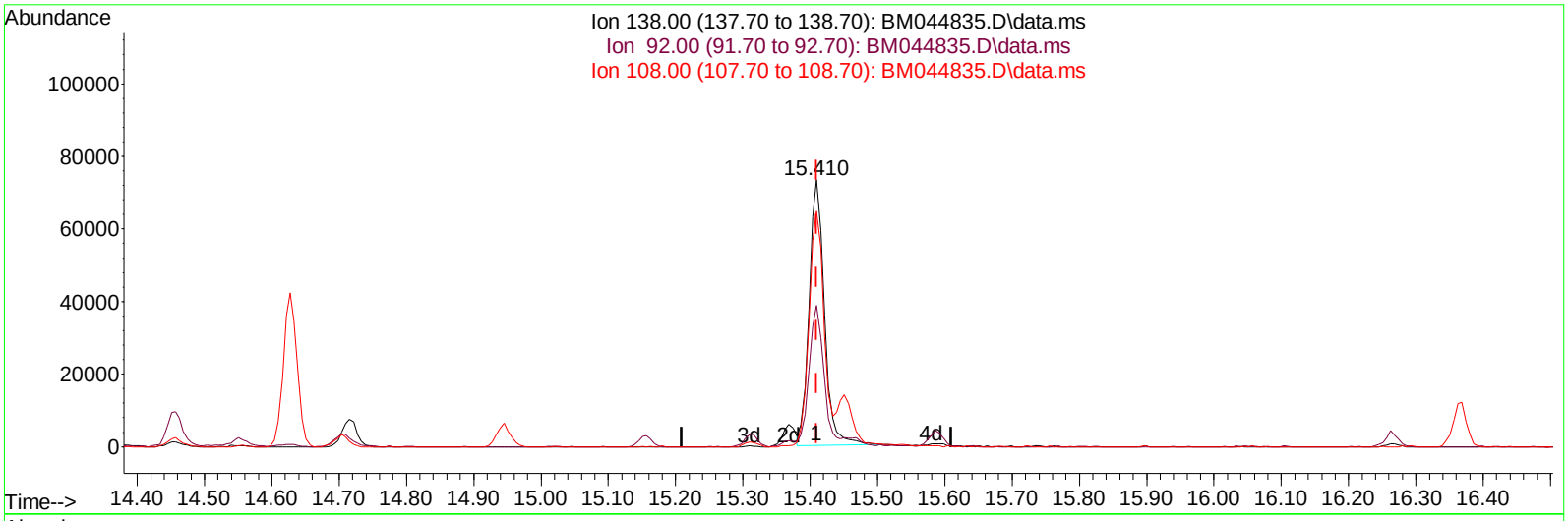

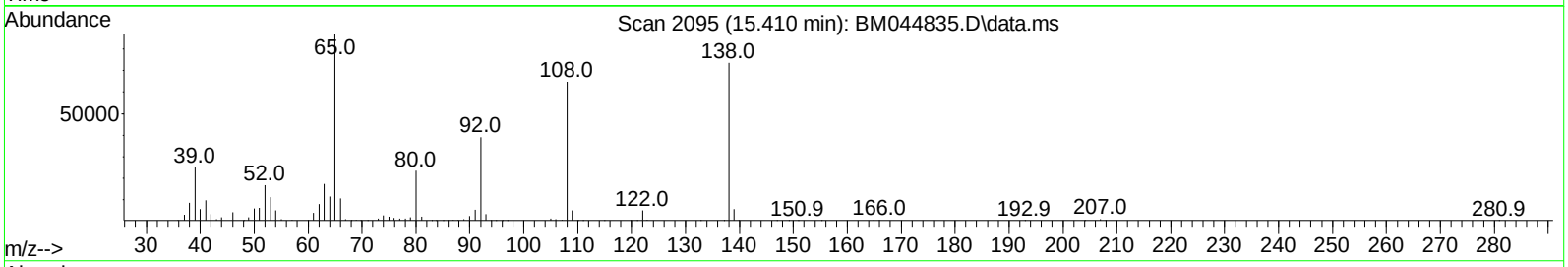

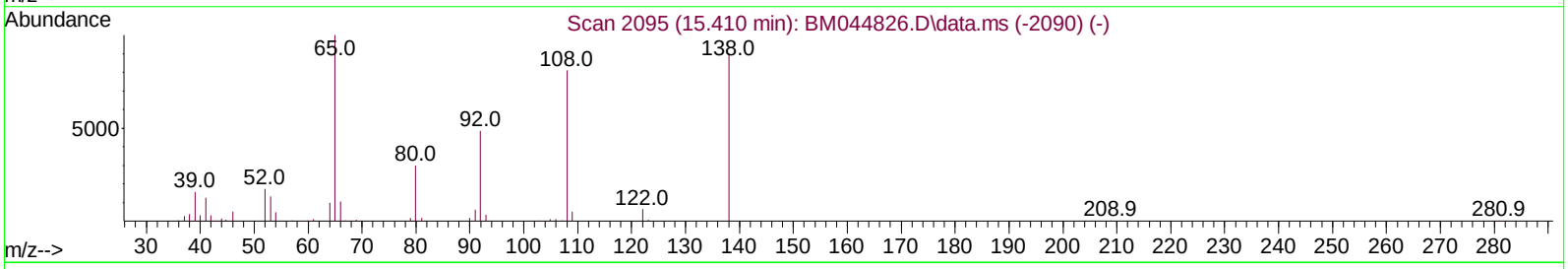

TIC: BM044835.D\data.ms

(63) 4-Nitroaniline

15.410min (+ 0.000) 31.06 ng/ul

response 116114

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	53.05
108.00	68.30	88.29#
0.00	0.00	0.00

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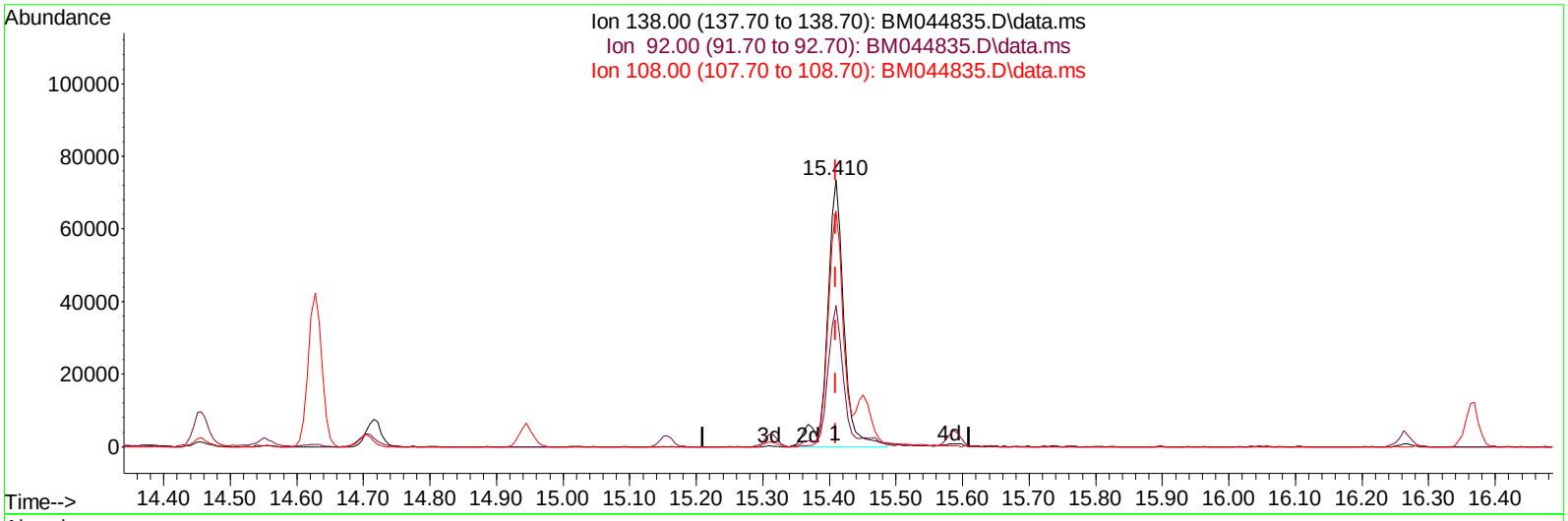

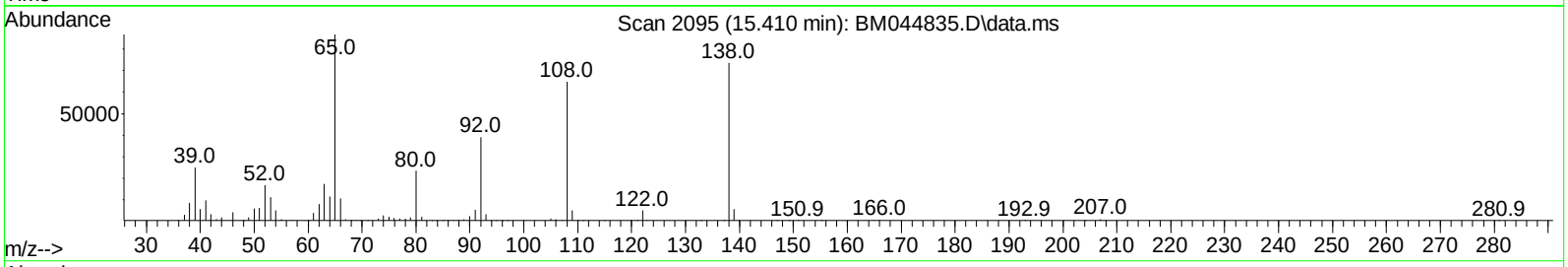

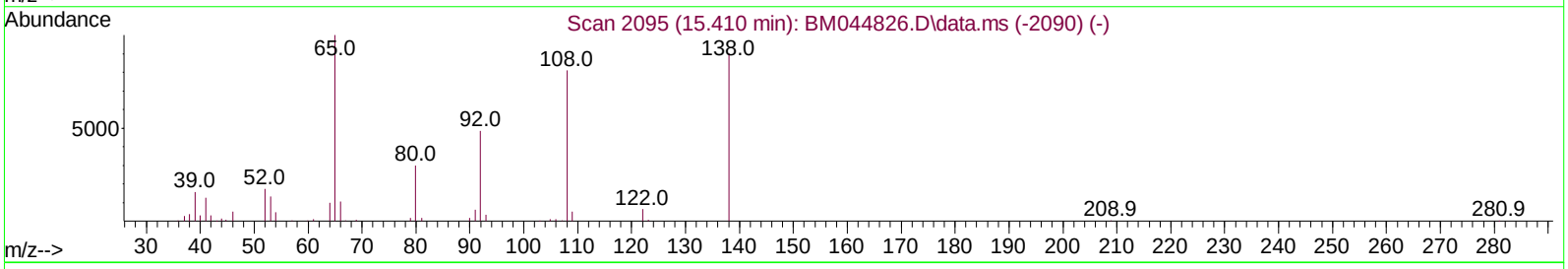

TIC: BM044835.D\data.ms

(63) 4-Nitroaniline

15.410min (+ 0.000) 33.79 ng/ul m

response 126307

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	53.05
108.00	68.30	88.29#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/01/2024
Supervised By :mohammad ahmed 04/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	95322	20.000	ng/ul	0.00
20) Naphthalene-d8	10.445	136	385022	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	227121	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.068	188	441559	20.000	ng/ul	0.00
79) Chrysene-d12	21.274	240	406264	20.000	ng/ul	0.00
88) Perylene-d12	23.503	264	461775	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	12782	4.548	ng/uL	0.00
4) Pyridine-d5	3.640	84	51934	6.278	ng/ul	0.00
7) Phenol-d5	6.846	99	231047	23.576	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	151616	25.046	ng/ul	0.00
11) 2-Chlorophenol-d4	7.198	132	184999	25.688	ng/ul	0.00
15) 4-Methylphenol-d8	8.375	113	163088	21.190	ng/ul	0.00
21) Nitrobenzene-d5	8.828	128	92565	28.551	ng/ul	0.00
24) 2-Nitrophenol-d4	9.539	143	104335	29.852	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	178742	30.049	ng/ul	0.00
31) 4-Chloroaniline-d4	10.592	131	12598	1.275	ng/ul	0.00
46) Dimethylphthalate-d6	13.733	166	495693	27.823	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	574527	28.197	ng/ul	0.00
54) 4-Nitrophenol-d4	14.539	143	94592	25.602	ng/ul	0.00
60) Fluorene-d10	15.316	176	423666	28.297	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	71630	24.991	ng/ul	0.00
73) Anthracene-d10	17.168	188	631726	29.931	ng/ul	0.00
81) Pyrene-d10	19.474	212	751482	30.159	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.368	264	740782	30.521	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	29180	10.029	ng/uL#	93
5) Pyridine	3.652	79	162211	18.907	ng/ul#	83
6) Benzaldehyde	6.828	77	148631	34.819	ng/ul	93
8) Phenol	6.869	94	261514	26.146	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.110	93	213987	26.055	ng/ul	95
12) 2-Chlorophenol	7.234	128	208823	28.112	ng/ul	97
13) 2-Methylphenol	8.110	108	174959	23.051	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.187	45	346068	31.907	ng/ul	96
16) Acetophenone	8.492	105	335972	28.146	ng/ul#	91
17) N-Nitroso-di-n-propyla...	8.475	70	160844	26.081	ng/ul#	82
18) 4-Methylphenol	8.440	108	192014	23.240	ng/ul	98
19) Hexachloroethane	8.722	117	95015	31.226	ng/ul	95
22) Nitrobenzene	8.869	77	252285	32.813	ng/ul	95
23) Isophorone	9.392	82	467035	29.773	ng/ul	98
25) 2-Nitrophenol	9.575	139	117709	30.892	ng/ul#	93
26) 2,4-Dimethylphenol	9.634	107	78397	11.307	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.875	93	278791	28.260	ng/ul	99
29) 2,4-Dichlorophenol	10.098	162	189449	31.901	ng/ul	98
30) Naphthalene	10.492	128	661203	30.321	ng/ul	100
32) 4-Chloroaniline	10.622	127	196239	20.604	ng/ul	99
33) Hexachlorobutadiene	10.757	225	119816	35.997	ng/ul	99
34) Caprolactam	11.416	113	61992m	26.805	ng/ul	
35) 4-Chloro-3-methylphenol	11.745	107	199941	29.033	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.116	142	428202	29.529	ng/ul	99
37) 1-Methylnaphthalene	12.333	142	436418	30.508	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.480	216	216570	33.517	ng/ul	99
40) Hexachlorocyclopentadiene	12.445	237	68501	15.970	ng/ul	98
41) 2,4,6-Trichlorophenol	12.733	196	148176	32.712	ng/ul	99
42) 2,4,5-Trichlorophenol	12.810	196	158047	32.557	ng/ul	97
43) 1,1'-Biphenyl	13.139	154	547742	30.371	ng/ul	100
44) 2-Chloronaphthalene	13.180	162	434774	30.719	ng/ul	98
45) 2-Nitroaniline	13.404	65	151729	34.149	ng/ul	94
47) Dimethylphthalate	13.786	163	545633	30.097	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	113213	31.264	ng/ul	90
50) Acenaphthylene	14.033	152	716224	30.159	ng/ul	100
51) 3-Nitroaniline	14.239	138	116166	29.699	ng/ul	97
52) Acenaphthene	14.380	153	480217	30.760	ng/ul	98
53) 2,4-Dinitrophenol	14.457	184	53683	23.176	ng/ul	86
55) 4-Nitrophenol	14.557	109	92126	35.587	ng/ul#	76
56) Dibenzofuran	14.716	168	642864	30.956	ng/ul	97
57) 2,4-Dinitrotoluene	14.704	165	165118	31.588	ng/ul#	73
58) 2,3,4,6-Tetrachlorophenol	14.945	232	131975	32.852	ng/ul	97
59) Diethylphthalate	15.157	149	574946	30.558	ng/ul	99
61) Fluorene	15.368	166	532711	31.365	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.368	204	256146	32.494	ng/ul	99
63) 4-Nitroaniline	15.410	138	126307m	33.787	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.468	198	82560	26.955	ng/ul	93
67) N-Nitrosodiphenylamine	15.586	169	432832	32.546	ng/ul	99
68) 4-Bromophenyl-phenylether	16.263	248	157799	35.729	ng/ul	98
69) Hexachlorobenzene	16.368	284	184445	36.665	ng/ul	97
70) Atrazine	16.551	200	154383	35.524	ng/ul	98
71) Pentachlorophenol	16.721	266	109492	32.962	ng/ul	98
72) Phenanthrene	17.115	178	821847	32.810	ng/ul	99
74) Anthracene	17.204	178	817428	32.268	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.098	216	215115	36.474	ng/uL	99
76) Pentachlorobenzene	14.627	250	211213	37.043	ng/uL	100
77) Carbazole	17.486	167	773176	32.480	ng/ul	99
78) Di-n-butylphthalate	18.051	149	1061878	33.164	ng/ul#	98
80) Fluoranthene	19.139	202	970110	32.692	ng/ul	94
82) Pyrene	19.503	202	993542	32.160	ng/ul	95
83) Butylbenzylphthalate	20.421	149	489005	32.191	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.198	252	188990	21.505	ng/ul	99
85) Benzo(a)anthracene	21.256	228	1003733	32.900	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.198	149	764562	34.519	ng/ul	97
87) Chrysene	21.309	228	931706	32.986	ng/ul	99
89) Di-n-octyl phthalate	22.086	149	1290850	31.236	ng/ul	100
90) Benzo(b)fluoranthene	22.839	252	1033120	33.436	ng/ul	99
91) Benzo(k)fluoranthene	22.880	252	944377	31.206	ng/ul	99
93) Benzo(a)pyrene	23.415	252	930780	32.202	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.768	276	1155690	35.648	ng/ul	96
95) Dibenzo(a,h)anthracene	25.780	278	968237	35.818	ng/ul	97
96) Benzo(g,h,i)perylene	26.450	276	873268	33.755	ng/ul	97

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

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