Quantitation Report (Qedit)

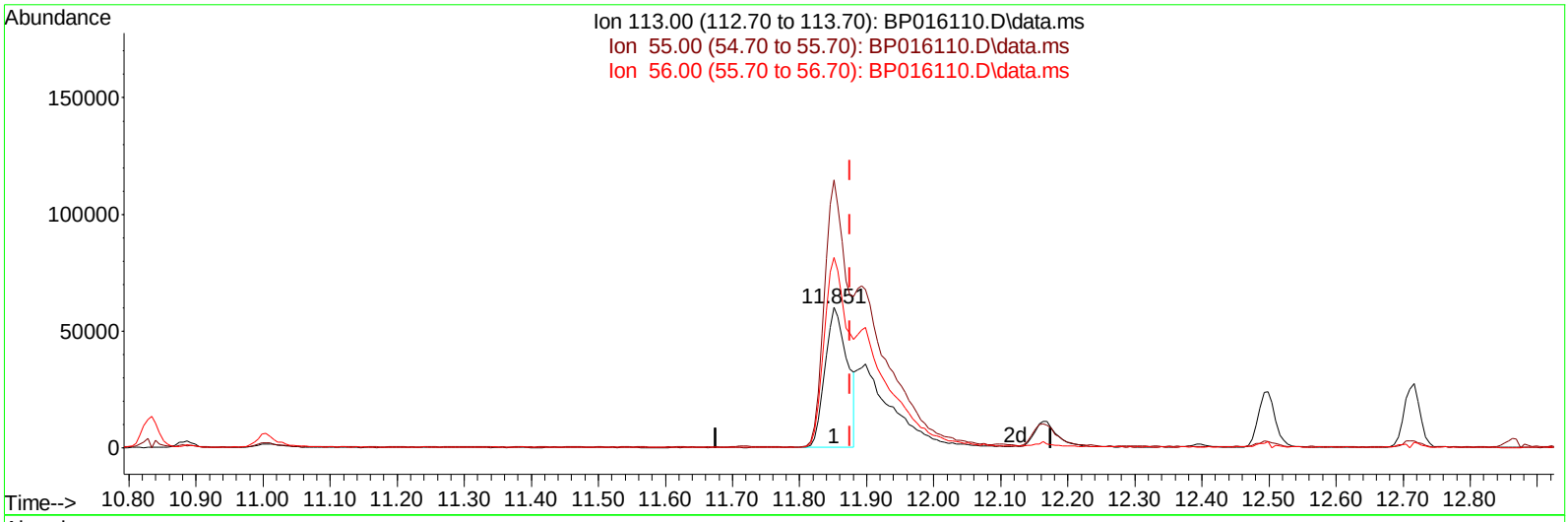
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016110.D
Acq On : 09 Jul 2023 01:31
Operator : MA/JU
Sample : 03350-04MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

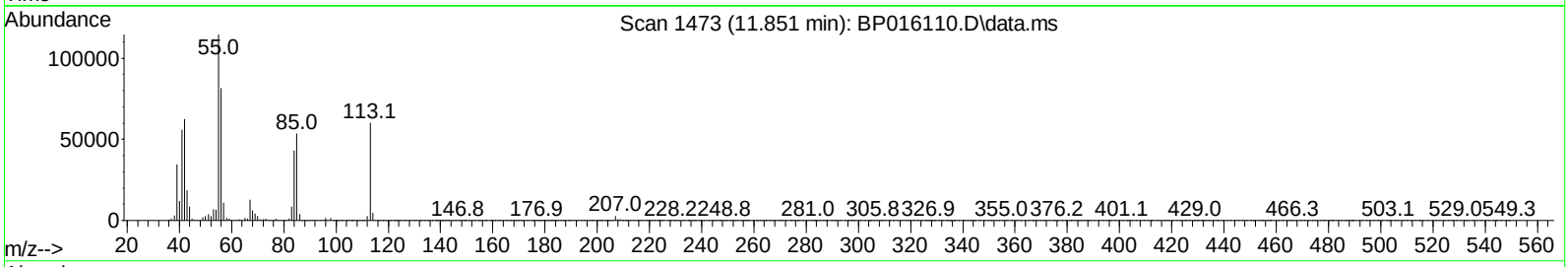
Quant Time: Jul 09 02:04:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 08 10:11:43 2023
Response via : Initial Calibration

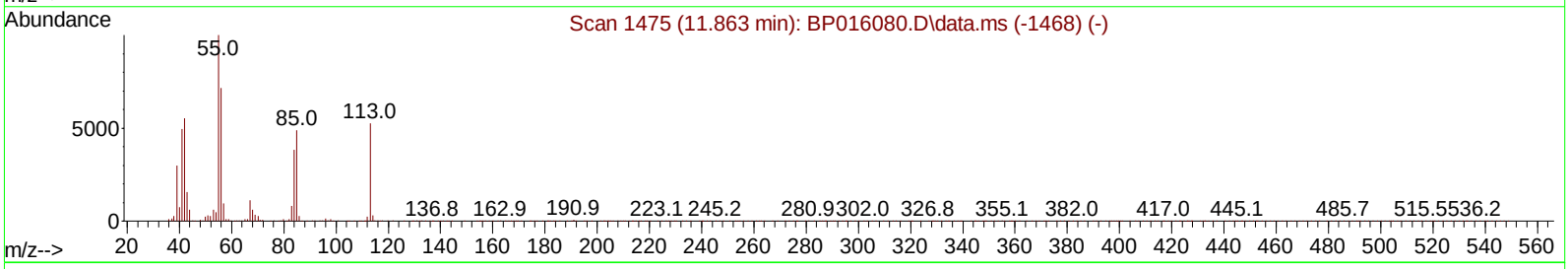
Instrument :
BNA_P
ClientSampleId :
YBW27MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023







TIC: BP016110.D\data.ms

(34) Caprolactam

11.851min (-0.024) 18.15 ng/ul

response 140920

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	178.50	190.66
56.00	146.10	135.59
0.00	0.00	0.00

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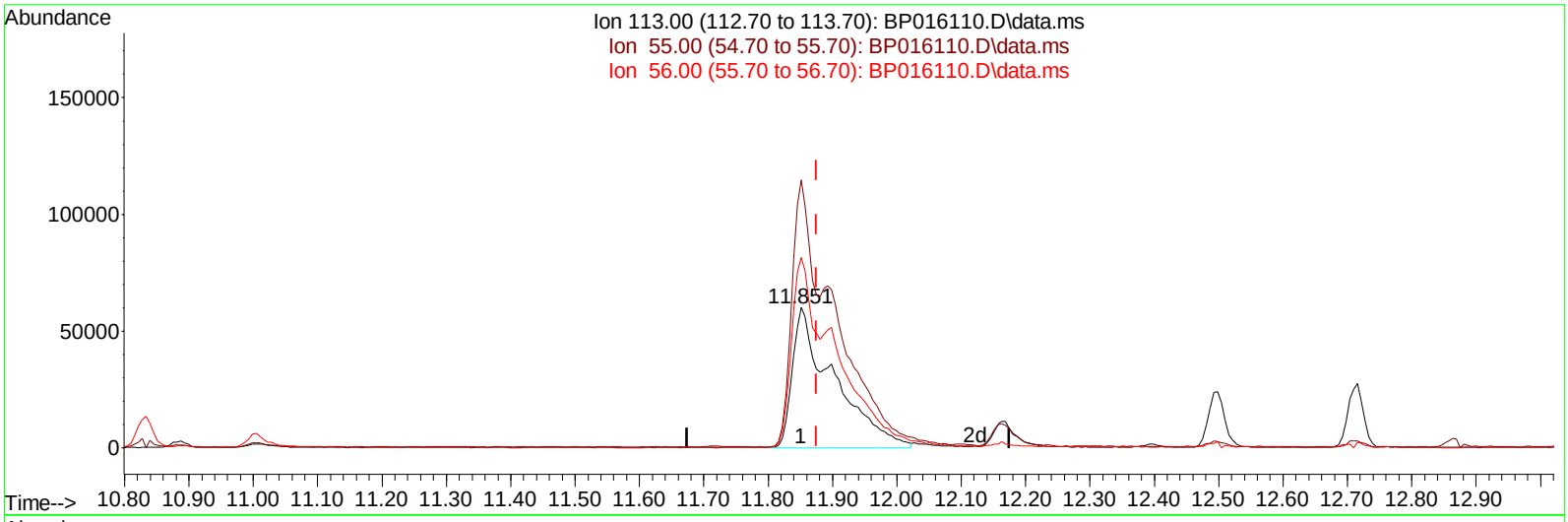

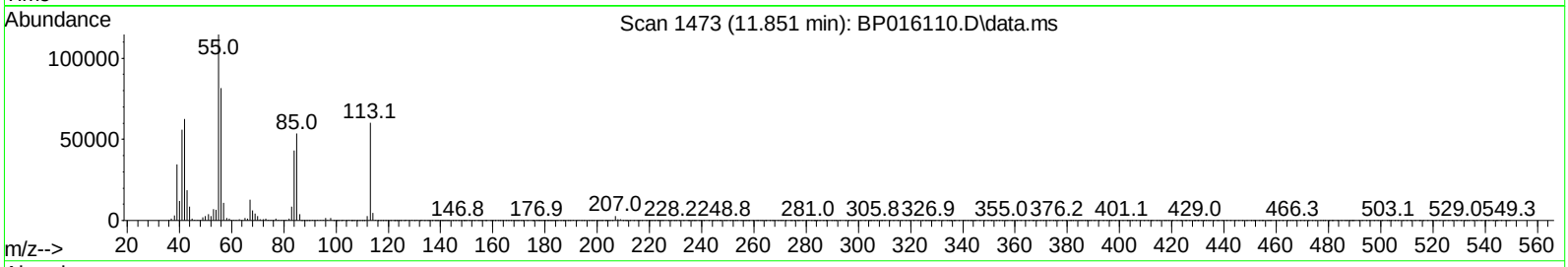

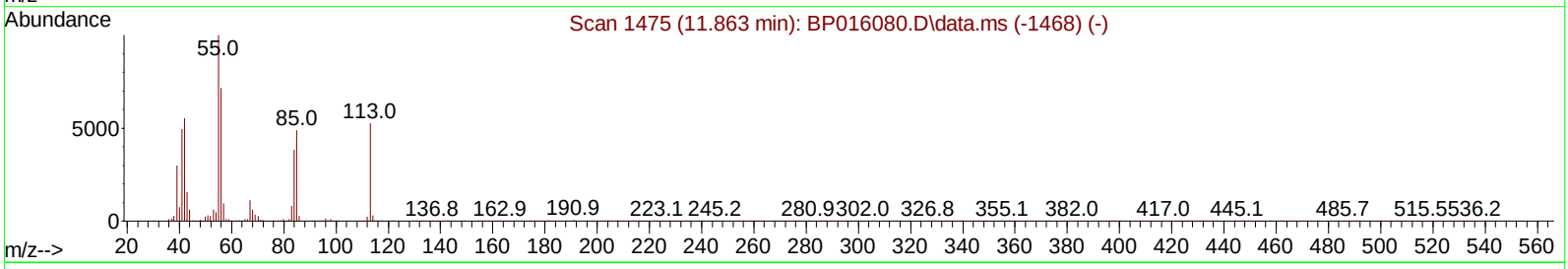

TIC: BP016110.D\data.ms

(34) Caprolactam

11.851min (-0.024) 34.58 ng/ul m

response 268445

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	178.50	190.66
56.00	146.10	135.59
0.00	0.00	0.00

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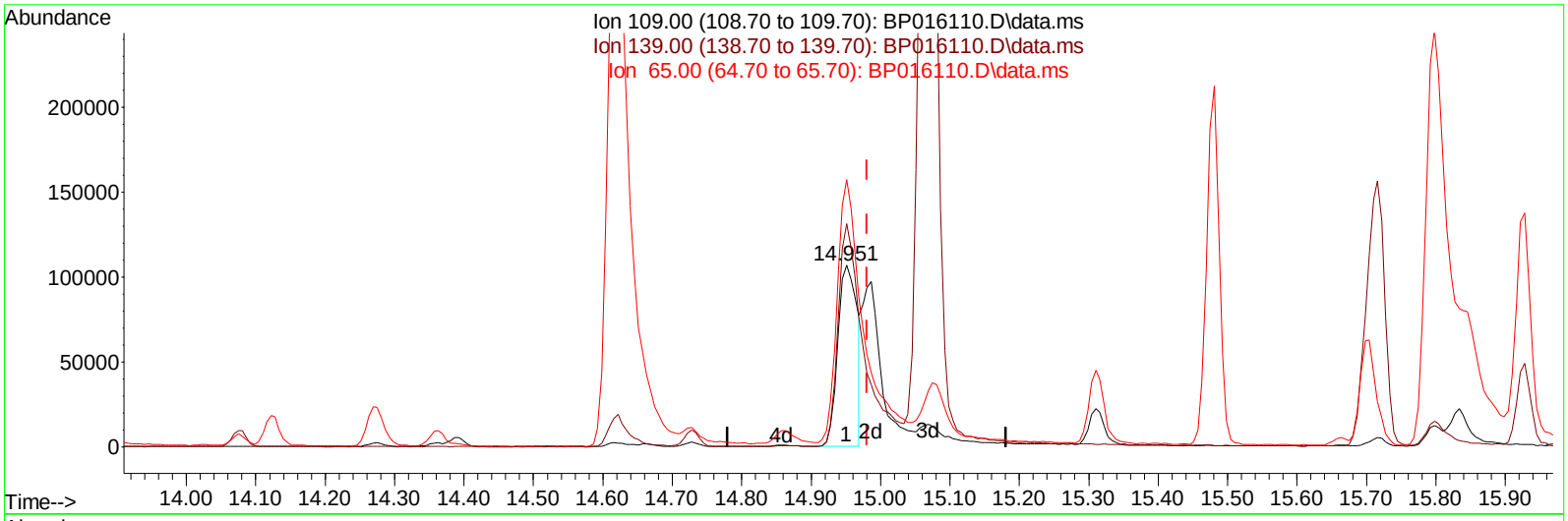

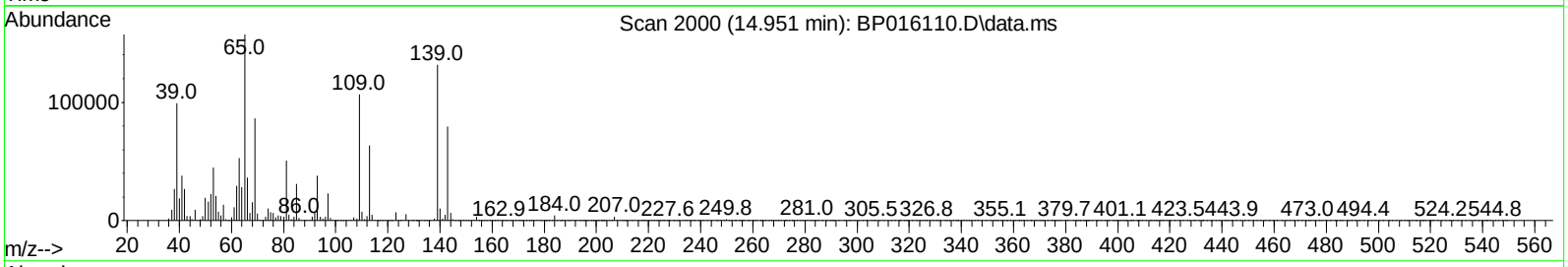

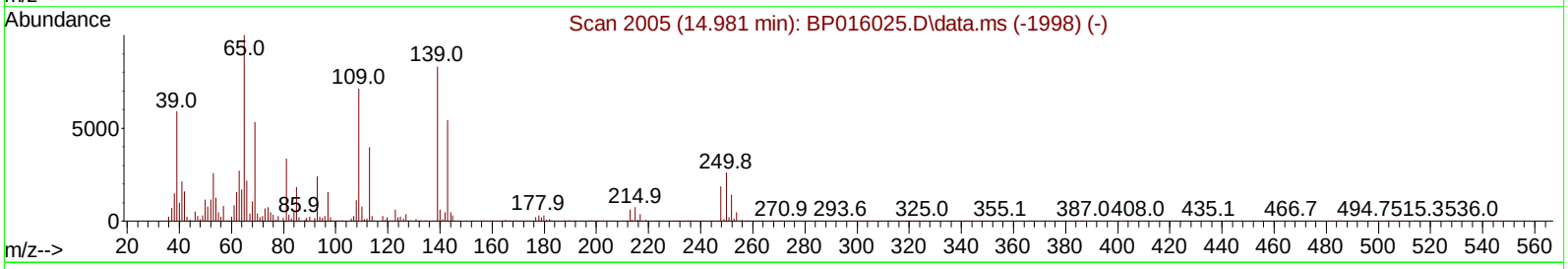

TIC: BP016110.D\data.ms

(55) 4-Nitrophenol

14.951min (-0.029) 19.00 ng/ul

response 206461

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	101.60	123.05#
65.00	124.90	147.19
0.00	0.00	0.00

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ALS Vial : 33 Sample Multiplier: 1

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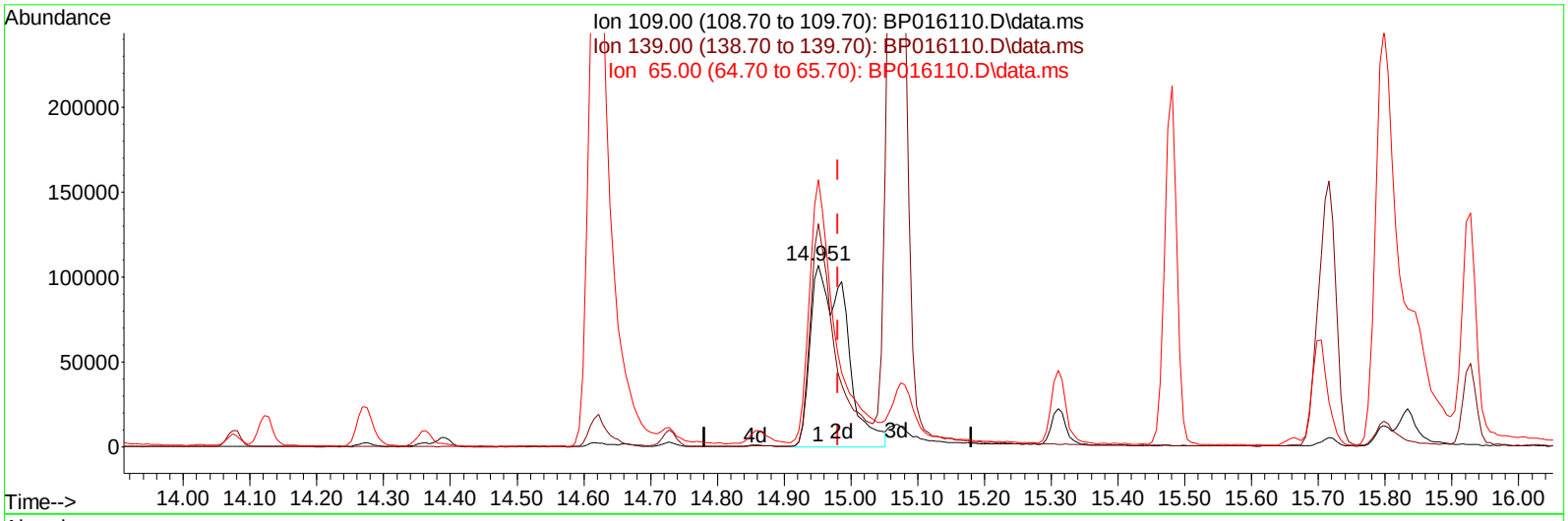

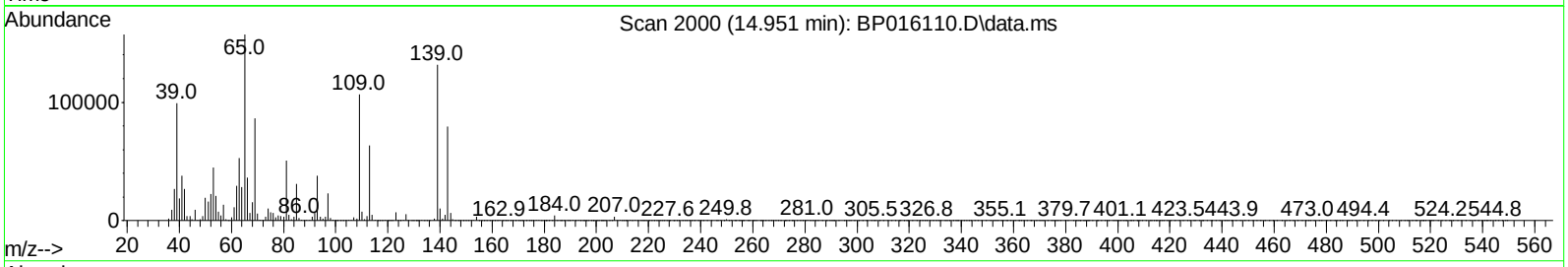

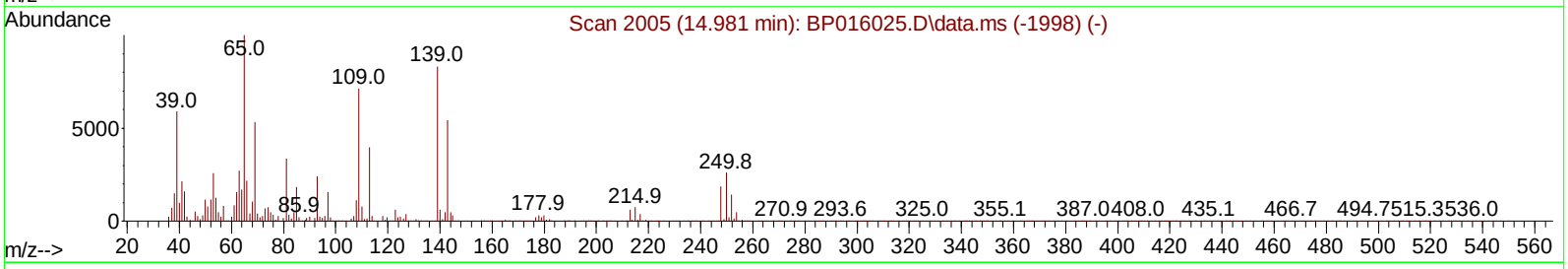

TIC: BP016110.D\data.ms

(55) 4-Nitrophenol

14.951min (-0.029) 36.43 ng/ul m

response 395919

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	101.60	123.05#
65.00	124.90	147.19
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	8.010	152	355459	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.834	136	1606027	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.663	164	1028299	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.428	188	2324090	20.000	ng/ul	#-0.02
79) Chrysene-d12	21.527	240	2103268	20.000	ng/ul	-0.01
88) Perylene-d12	24.068	264	2164459	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	43232	4.376	ng/uL	0.00
4) Pyridine-d5	3.793	84	572254	22.978	ng/ul	-0.01
7) Phenol-d5	7.193	99	855868	28.141	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.340	67	567535	30.162	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.546	132	649035	28.270	ng/ul	-0.02
15) 4-Methylphenol-d8	8.752	113	709039	29.511	ng/ul	-0.02
21) Nitrobenzene-d5	9.199	128	335459	27.331	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.928	143	385582	26.917	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.481	165	676091	26.485	ng/ul	-0.02
31) 4-Chloroaniline-d4	11.004	131	923470	28.161	ng/ul	-0.02
46) Dimethylphthalate-d6	14.075	166	2200965	27.692	ng/ul	-0.01
49) Acenaphthylene-d8	14.363	160	2448653	27.406	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.934	143	256375	24.444	ng/ul	-0.03
60) Fluorene-d10	15.663	176	1821938	27.840	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.834	200	368800	25.803	ng/ul	-0.02
73) Anthracene-d10	17.533	188	2884135	27.168	ng/ul	-0.01
81) Pyrene-d10	19.763	212	3430863	24.981	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.892	264	3049039	27.925	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	105582	9.930	ng/uL	97
5) Pyridine	3.811	79	689578	26.467	ng/ul	98
6) Benzaldehyde	7.163	77	525044	42.700	ng/ul	97
8) Phenol	7.222	94	993900	31.491	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.434	93	789246	31.430	ng/ul	99
12) 2-Chlorophenol	7.575	128	719574	29.502	ng/ul	98
13) 2-Methylphenol	8.481	108	745703	31.294	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.546	45	1203429	35.088	ng/ul	98
16) Acetophenone	8.863	105	1209754	30.630	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.834	70	681132	31.051	ng/ul	97
18) 4-Methylphenol	8.816	108	814606	31.817	ng/ul	100
19) Hexachloroethane	9.081	117	309359	27.461	ng/ul	89
22) Nitrobenzene	9.246	77	986853	28.631	ng/ul	98
23) Isophorone	9.769	82	1957694	29.681	ng/ul	99
25) 2-Nitrophenol	9.963	139	437746	28.793	ng/ul	93
26) 2,4-Dimethylphenol	10.022	107	883478	26.435	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.246	93	1158358	31.109	ng/ul	98
29) 2,4-Dichlorophenol	10.510	162	715792	28.204	ng/ul	99
30) Naphthalene	10.887	128	2410466	27.609	ng/ul	100
32) 4-Chloroaniline	11.028	127	883795	25.941	ng/ul	98
33) Hexachlorobutadiene	11.146	225	442659	23.097	ng/ul	99
34) Caprolactam	11.851	113	268445m	34.580	ng/ul	
35) 4-Chloro-3-methylphenol	12.163	107	881630	29.678	ng/ul	98

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YBW27MSD

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.498	142	1638095	28.501 ng/ul	98
37) 1-Methylnaphthalene	12.716	142	1647236	28.095 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.869	216	871195	25.710 ng/ul	99
40) Hexachlorocyclopentadiene	12.816	237	260852	25.732 ng/ul	97
41) 2,4,6-Trichlorophenol	13.122	196	585340	27.333 ng/ul	99
42) 2,4,5-Trichlorophenol	13.210	196	632448	27.843 ng/ul	99
43) 1,1'-Biphenyl	13.498	154	2246820	27.586 ng/ul	98
44) 2-Chloronaphthalene	13.545	162	1760305	27.435 ng/ul	98
45) 2-Nitroaniline	13.781	65	655643	32.476 ng/ul	97
47) Dimethylphthalate	14.122	163	2307304	28.051 ng/ul	99
48) 2,6-Dinitrotoluene	14.275	165	499571	29.941 ng/ul	96
50) Acenaphthylene	14.392	152	2815180	28.596 ng/ul	99
51) 3-Nitroaniline	14.622	138	489369	37.402 ng/ul	96
52) Acenaphthene	14.728	153	1928077	28.243 ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	254630	28.765 ng/ul	89
55) 4-Nitrophenol	14.951	109	395919m	36.426 ng/ul	
56) Dibenzofuran	15.069	168	2650887	27.973 ng/ul	97
57) 2,4-Dinitrotoluene	15.081	165	703391	30.936 ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.310	232	541329	27.745 ng/ul	96
59) Diethylphthalate	15.481	149	2423654	29.117 ng/ul	99
61) Fluorene	15.716	166	2180895	28.372 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.704	204	1065240	27.083 ng/ul	95
63) 4-Nitroaniline	15.798	138	463890	51.802 ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.851	198	392320	27.129 ng/ul	99
67) N-Nitrosodiphenylamine	15.928	169	1860174	26.736 ng/ul	99
68) 4-Bromophenyl-phenylether	16.604	248	678928	25.582 ng/ul	91
69) Hexachlorobenzene	16.728	284	786592	25.119 ng/ul	96
70) Atrazine	16.892	200	571630	21.464 ng/ul	98
71) Pentachlorophenol	17.098	266	387342	25.772 ng/ul	97
72) Phenanthrene	17.475	178	3546309	28.088 ng/ul	100
74) Anthracene	17.569	178	3563189	28.086 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.469	216	906599	23.973 ng/uL	100
76) Pentachlorobenzene	14.986	250	2023888	53.026 ng/uL	99
77) Carbazole	17.857	167	3283063	30.703 ng/ul	100
78) Di-n-butylphthalate	18.357	149	4479916	31.602 ng/ul	100
80) Fluoranthene	19.439	202	4267386	25.002 ng/ul#	95
82) Pyrene	19.792	202	4391077	25.220 ng/ul#	91
83) Butylbenzylphthalate	20.639	149	2097630	29.530 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.445	252	1407209	29.597 ng/ul	100
85) Benzo(a)anthracene	21.510	228	4033026	27.259 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	3101679	31.773 ng/ul#	99
87) Chrysene	21.569	228	4032680	28.728 ng/ul	100
89) Di-n-octyl phthalate	22.339	149	5168024	32.672 ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	3916139	28.158 ng/ul	98
91) Benzo(k)fluoranthene	23.327	252	4006323	28.511 ng/ul	98
93) Benzo(a)pyrene	23.945	252	3440943	28.315 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.745	276	3857767	23.385 ng/ul#	92
95) Dibenzo(a,h)anthracene	26.745	278	3257533	24.040 ng/ul#	95
96) Benzo(g,h,i)perylene	27.580	276	3084433	22.727 ng/ul	96

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

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