Quantitation Report (Qedit)

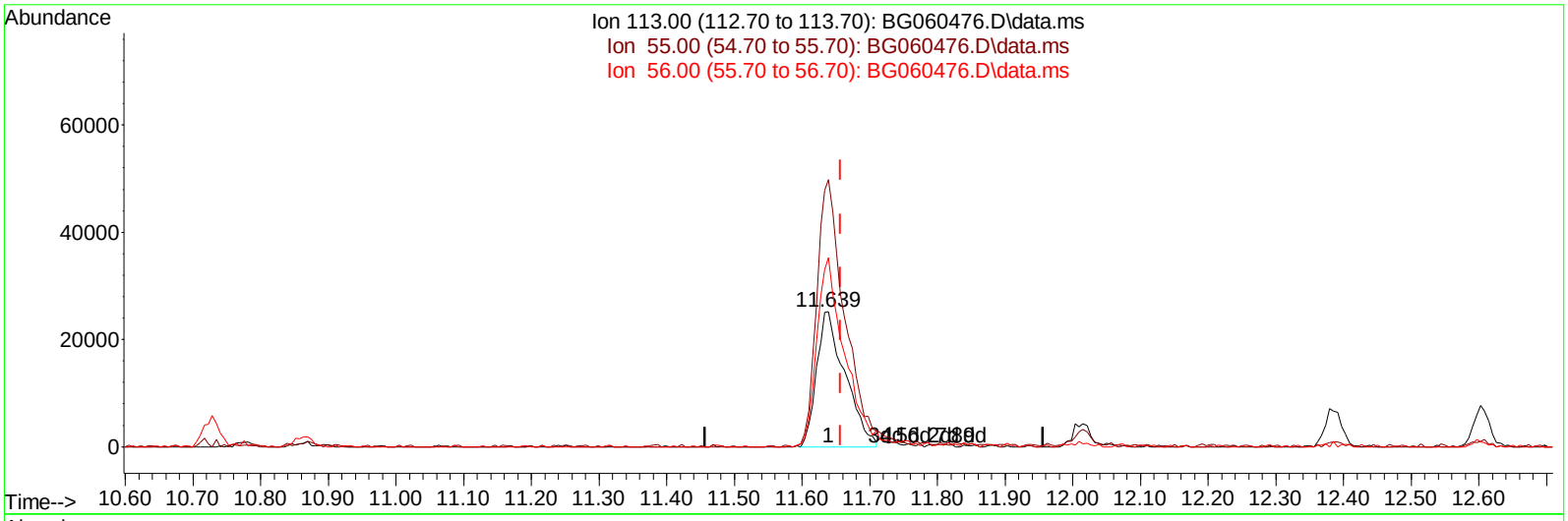
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012924\
Data File : BG060476.D
Acq On : 30 Jan 2024 1:03
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 22 Sample Multiplier: 1

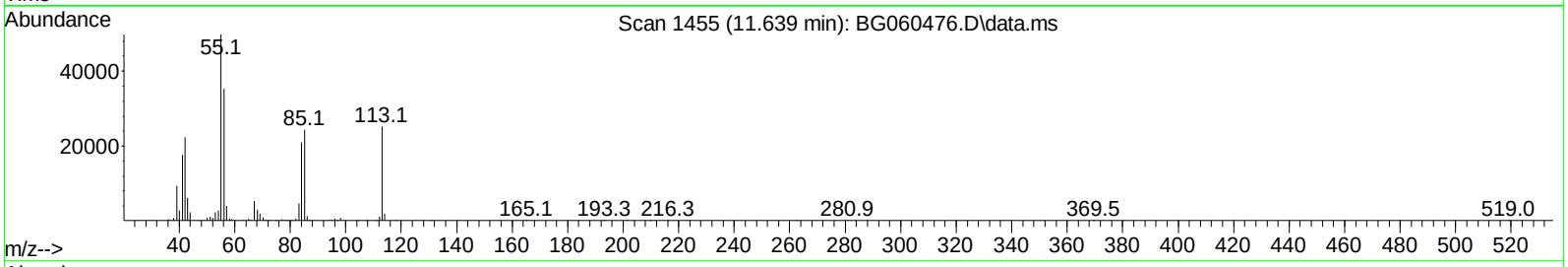
Quant Time: Jan 30 01:51:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG012624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 26 06:06:34 2024
Response via : Initial Calibration

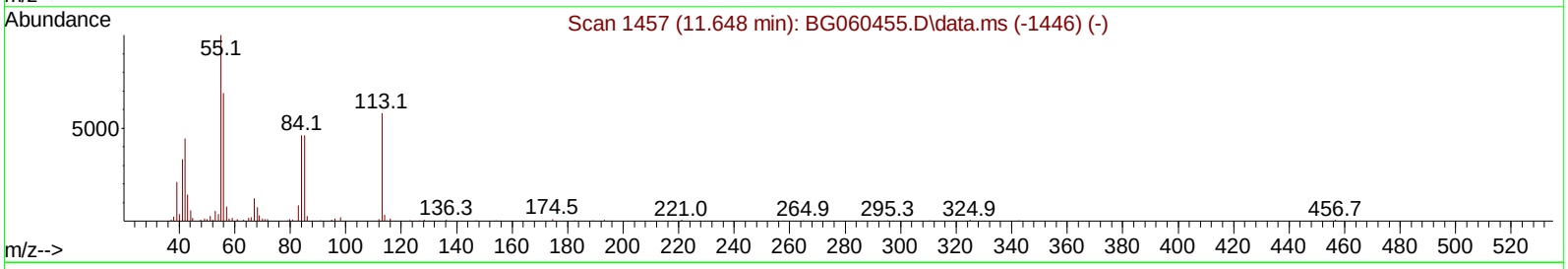
Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/30/2024
Supervised By :mohammad ahmed 01/31/2024







TIC: BG060476.D\data.ms

(34) Caprolactam

11.639min (-0.018) 16.37 ng/ul

response 73732

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.80	197.43
56.00	125.70	139.97
0.00	0.00	0.00

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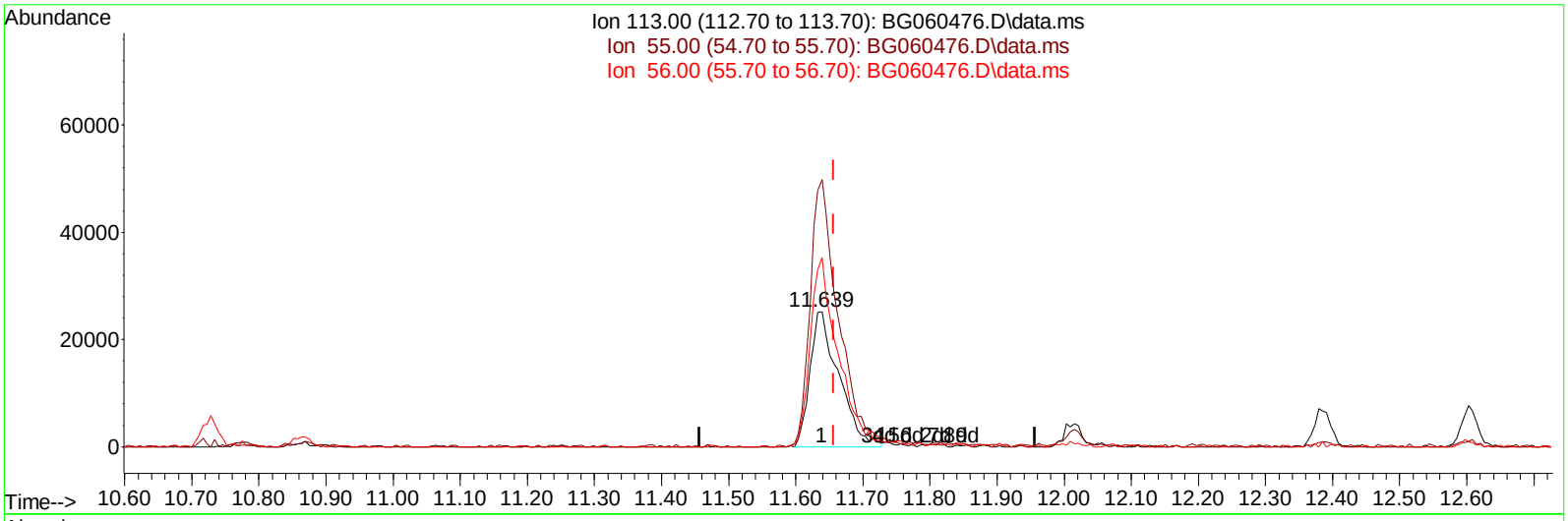

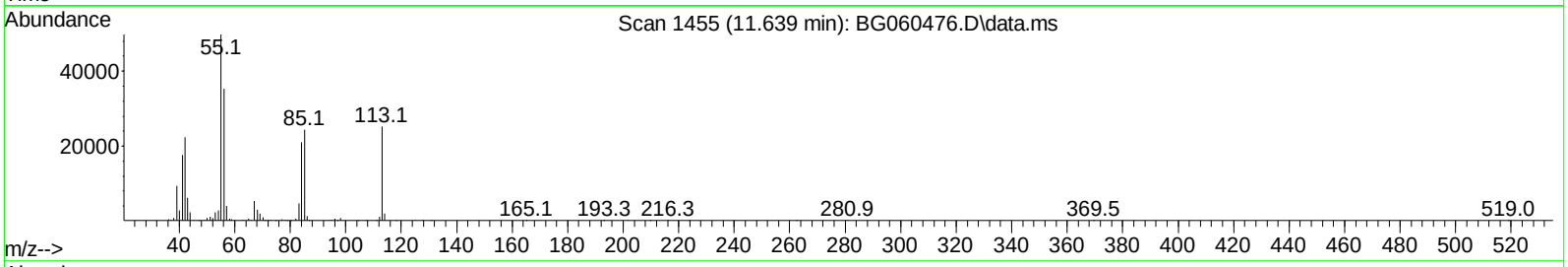

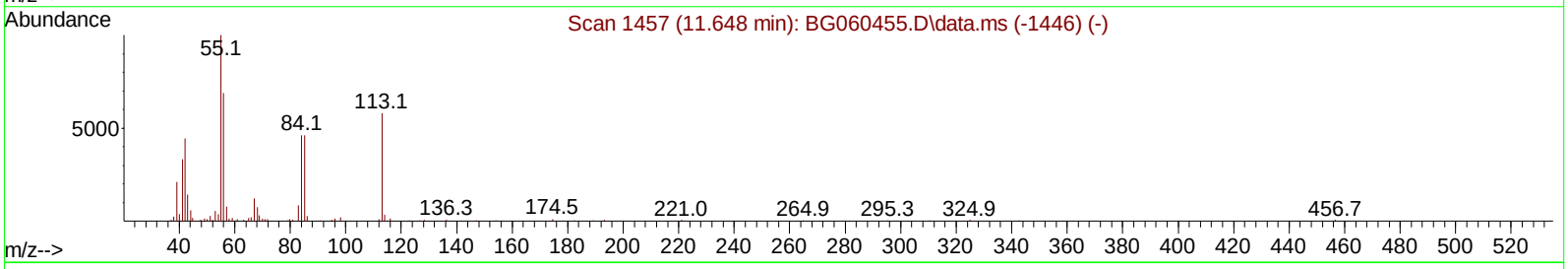

TIC: BG060476.D\data.ms

(34) Caprolactam

11.639min (-0.018) 16.64 ng/ul m

response 74944

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.80	197.43
56.00	125.70	139.97
0.00	0.00	0.00

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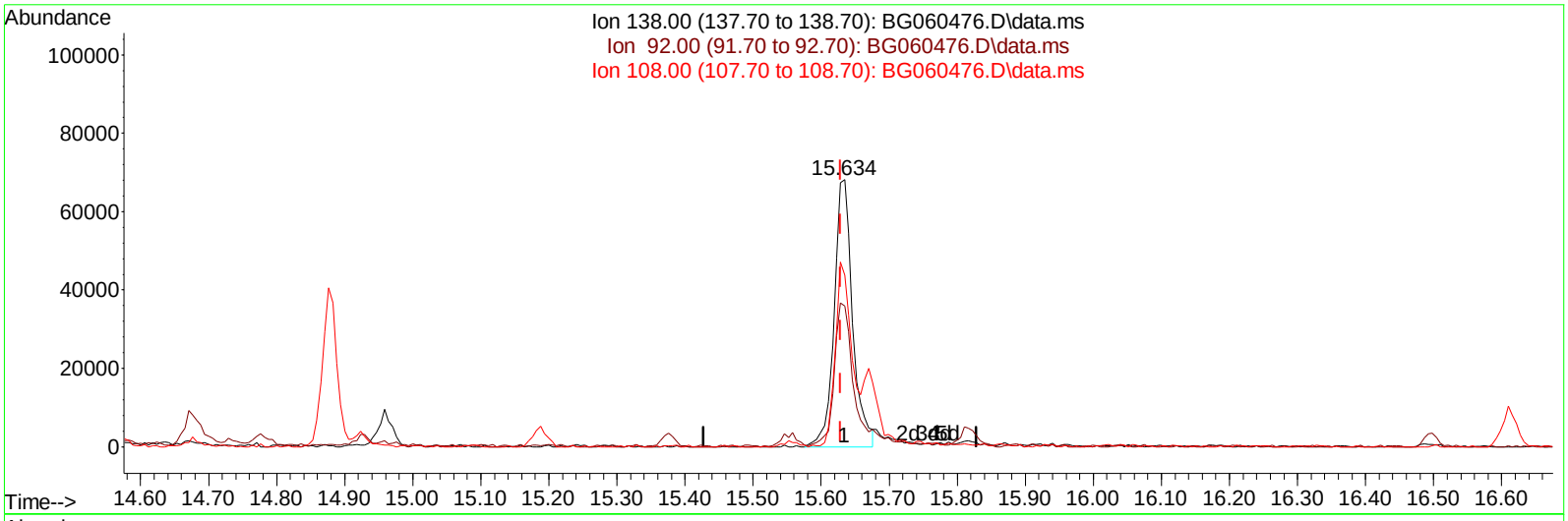

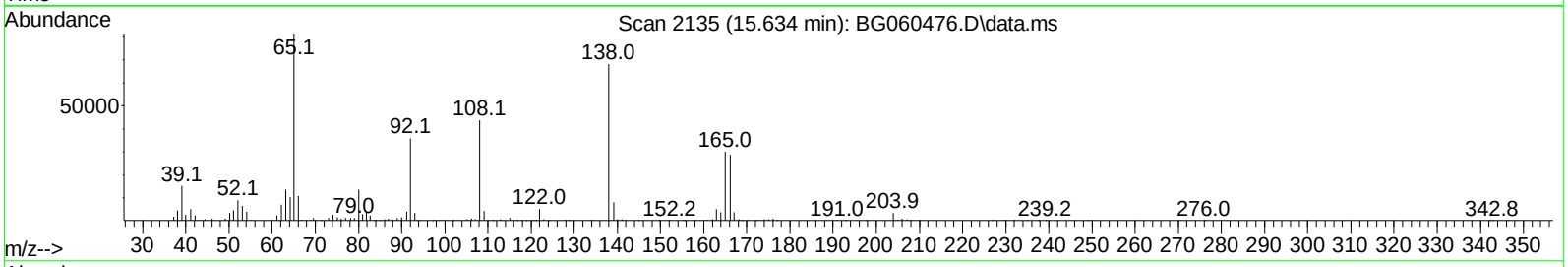

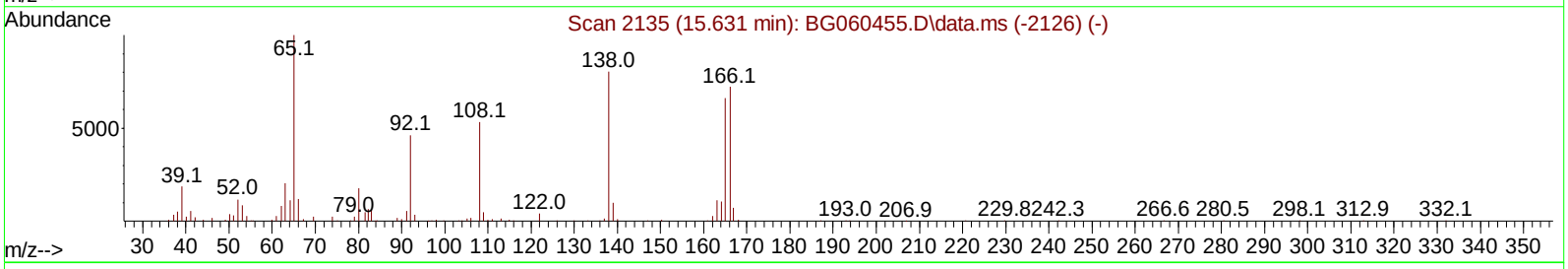

TIC: BG060476.D\data.ms

(63) 4-Nitroaniline

15.634min (+ 0.006) 17.40 ng/ul

response 128421

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	56.90	52.72
108.00	64.70	64.38
0.00	0.00	0.00

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Instrument :
BNA_G
LabSampleId :
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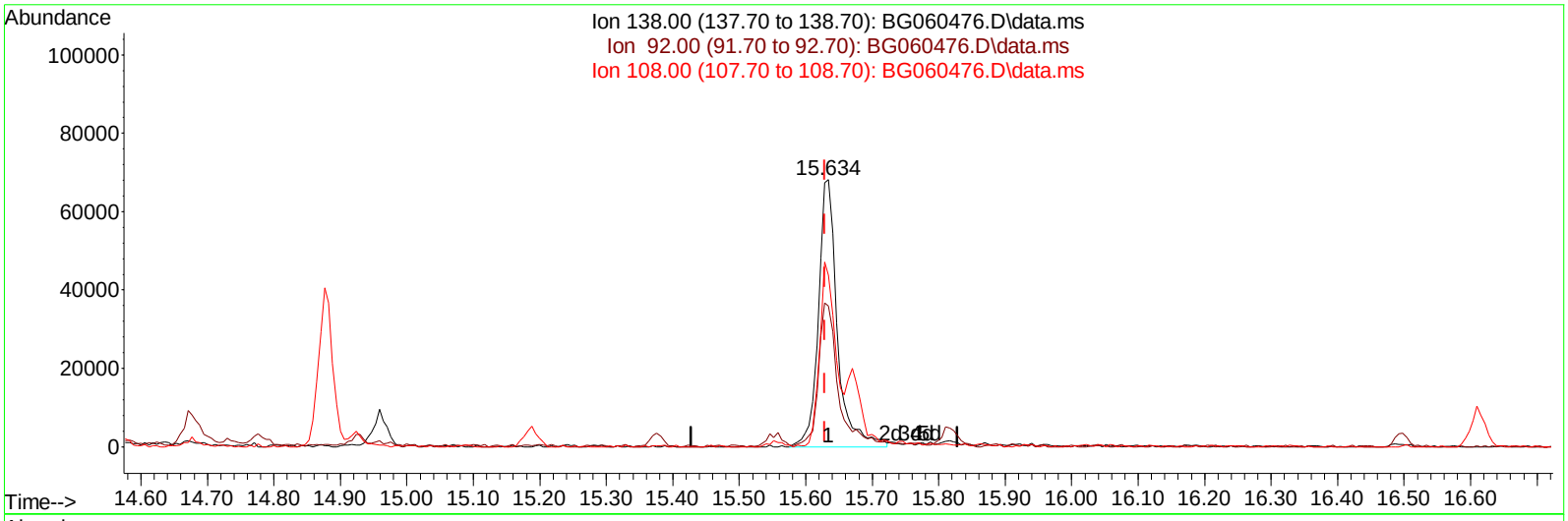

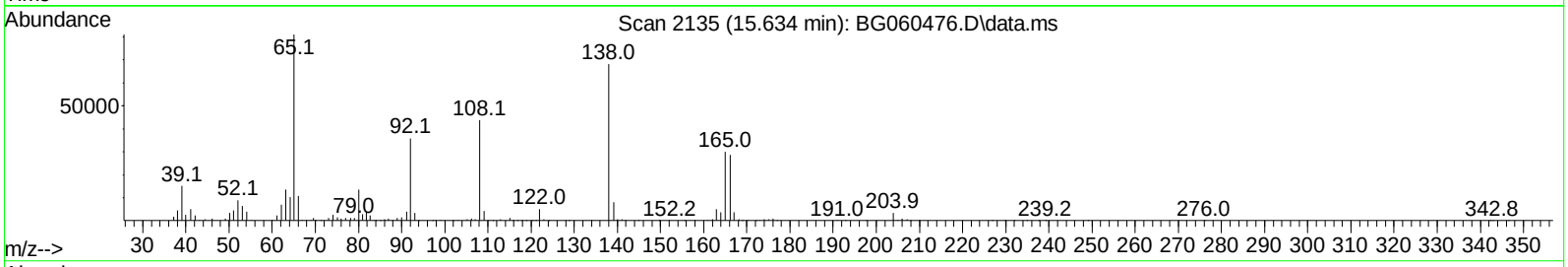

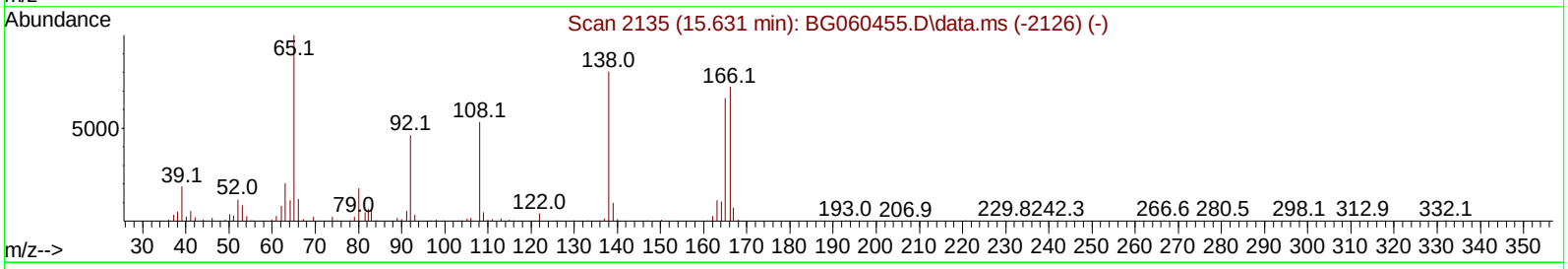

TIC: BG060476.D\data.ms

(63) 4-Nitroaniline

15.634min (+ 0.006) 18.27 ng/ul m

response 134865

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	56.90	52.72
108.00	64.70	64.38
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Time: Jan 30 02:34:28 2024
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/30/2024
Supervised By :mohammad ahmed 01/31/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	164991	20.000	ng/ul	0.00
20) Naphthalene-d8	10.728	136	785220	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.559	164	581784	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.309	188	1286657	20.000	ng/ul	0.00
79) Chrysene-d12	21.574	240	1353891	20.000	ng/ul	0.00
88) Perylene-d12	24.735	264	1503189	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	25499	7.744	ng/uL	0.00
4) Pyridine-d5	3.772	84	209855	20.148	ng/ul	0.00
7) Phenol-d5	7.086	99	280394	17.894	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.250	67	173193	17.589	ng/ul	0.00
11) 2-Chlorophenol-d4	7.456	132	194446	18.582	ng/ul	0.00
15) 4-Methylphenol-d8	8.631	113	224836	17.419	ng/ul	0.00
21) Nitrobenzene-d5	9.083	128	97459	16.825	ng/ul	0.00
24) 2-Nitrophenol-d4	9.806	143	118393	17.495	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	262234	18.632	ng/ul	0.00
31) 4-Chloroaniline-d4	10.863	131	325004	17.603	ng/ul	0.00
46) Dimethylphthalate-d6	13.966	166	845100	17.752	ng/ul	0.00
49) Acenaphthylene-d8	14.254	160	990612	18.551	ng/ul	0.00
54) 4-Nitrophenol-d4	14.765	143	104802	15.370	ng/ul	0.00
60) Fluorene-d10	15.552	176	766403	18.373	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	135850	17.051	ng/ul	0.00
73) Anthracene-d10	17.409	188	1151682	18.882	ng/ul	0.00
81) Pyrene-d10	19.700	212	1484805	18.298	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.512	264	1425601	18.079	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.396	88	28991	7.958	ng/uL	95
5) Pyridine	3.789	79	209455	19.780	ng/ul	95
6) Benzaldehyde	7.062	77	145565	24.439	ng/ul	97
8) Phenol	7.115	94	287773	17.569	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.344	93	232651	17.833	ng/ul	98
12) 2-Chlorophenol	7.491	128	199689	18.500	ng/ul	95
13) 2-Methylphenol	8.366	108	220504	17.420	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.443	45	310875	18.056	ng/ul	97
16) Acetophenone	8.742	105	370339	18.004	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.725	70	195480	17.624	ng/ul	98
18) 4-Methylphenol	8.695	108	243437	17.887	ng/ul	100
19) Hexachloroethane	9.001	117	84202	17.644	ng/ul	94
22) Nitrobenzene	9.124	77	285539	18.021	ng/ul	91
23) Isophorone	9.641	82	561642	16.349	ng/ul	99
25) 2-Nitrophenol	9.835	139	123416	17.940	ng/ul	98
26) 2,4-Dimethylphenol	9.900	107	246674	17.376	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.129	93	343937	17.588	ng/ul	98
29) 2,4-Dichlorophenol	10.376	162	257451	19.030	ng/ul	89
30) Naphthalene	10.775	128	783059	18.482	ng/ul	99
32) 4-Chloroaniline	10.887	127	312337	17.243	ng/ul	100
33) Hexachlorobutadiene	11.057	225	212075	18.879	ng/ul	96
34) Caprolactam	11.639	113	74944m	16.640	ng/ul	
35) 4-Chloro-3-methylphenol	12.009	107	255289	18.822	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	12.385	142	561872	18.864	ng/ul	95
37) 1-Methylnaphthalene	12.603	142	564174	18.741	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.749	216	412985	19.504	ng/ul	99
40) Hexachlorocyclopentadiene	12.732	237	231781	18.102	ng/ul	97
41) 2,4,6-Trichlorophenol	12.990	196	244720	18.960	ng/ul	99
42) 2,4,5-Trichlorophenol	13.067	196	247137	18.120	ng/ul	99
43) 1,1'-Biphenyl	13.396	154	812584	18.855	ng/ul	99
44) 2-Chloronaphthalene	13.437	162	686842	18.876	ng/ul	98
45) 2-Nitroaniline	13.643	65	172355	18.819	ng/ul	94
47) Dimethylphthalate	14.013	163	844134	17.764	ng/ul	99
48) 2,6-Dinitrotoluene	14.136	165	166987	18.633	ng/ul	97
50) Acenaphthylene	14.283	152	1087725	18.463	ng/ul	98
51) 3-Nitroaniline	14.471	138	137422	18.242	ng/ul#	97
52) Acenaphthene	14.624	153	714157	18.173	ng/ul	98
53) 2,4-Dinitrophenol	14.677	184	68054	13.913	ng/ul	96
55) 4-Nitrophenol	14.777	109	72305	15.575	ng/ul	96
56) Dibenzofuran	14.959	168	1020301	18.390	ng/ul	98
57) 2,4-Dinitrotoluene	14.923	165	237811	18.109	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.188	232	229647	18.117	ng/ul#	96
59) Diethylphthalate	15.376	149	795711	17.415	ng/ul	99
61) Fluorene	15.611	166	844089	18.545	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.599	204	463200	18.437	ng/ul	97
63) 4-Nitroaniline	15.634	138	134865m	18.274	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.687	198	142217	17.065	ng/ul	97
67) N-Nitrosodiphenylamine	15.816	169	693538	19.873	ng/ul	99
68) 4-Bromophenyl-phenylether	16.498	248	283106	18.940	ng/ul	98
69) Hexachlorobenzene	16.610	284	324949	18.741	ng/ul	97
70) Atrazine	16.762	200	257333	17.937	ng/ul	94
71) Pentachlorophenol	16.962	266	176546	18.487	ng/ul	94
72) Phenanthrene	17.350	178	1290965	19.083	ng/ul	99
74) Anthracene	17.444	178	1304646	18.926	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.361	216	404880	21.697	ng/uL	98
76) Pentachlorobenzene	14.882	250	401291	20.472	ng/uL	98
77) Carbazole	17.714	167	1080802	18.983	ng/ul	99
78) Di-n-butylphthalate	18.267	149	1228717	18.307	ng/ul	99
80) Fluoranthene	19.365	202	1645130	18.168	ng/ul	99
82) Pyrene	19.730	202	1739719	18.460	ng/ul	98
83) Butylbenzylphthalate	20.617	149	591181	17.599	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.475	252	598046	19.146	ng/ul	98
85) Benzo(a)anthracene	21.551	228	1765511	18.911	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.457	149	889090	17.732	ng/ul	99
87) Chrysene	21.621	228	1695183	19.330	ng/ul	98
89) Di-n-octyl phthalate	22.644	149	1500838	18.709	ng/ul	100
90) Benzo(b)fluoranthene	23.731	252	1708503	18.316	ng/ul	98
91) Benzo(k)fluoranthene	23.795	252	1774020	18.624	ng/ul	97
93) Benzo(a)pyrene	24.583	252	1640453	18.281	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.331	276	1989513	18.086	ng/ul	99
95) Dibenzo(a,h)anthracene	28.384	278	1639662	18.270	ng/ul	97
96) Benzo(g,h,i)perylene	29.453	276	1585137	17.798	ng/ul	97

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

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