Quantitation Report (Qedit)

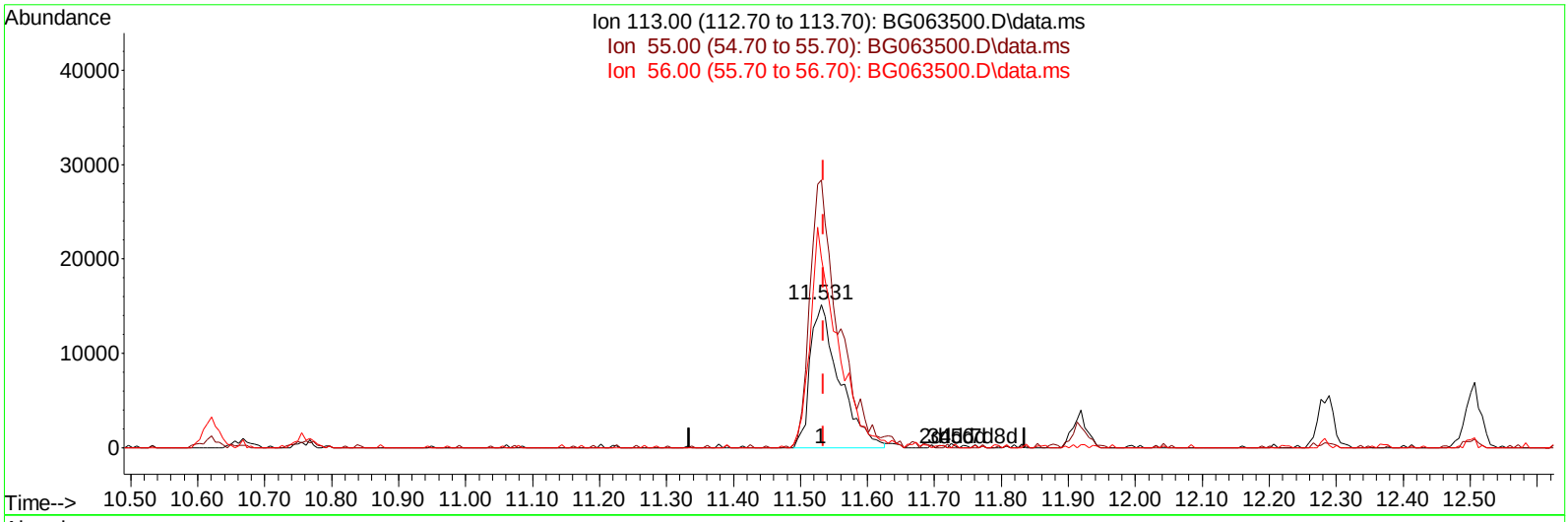
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112024\
Data File : BG063500.D
Acq On : 21 Nov 2024 2:04
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

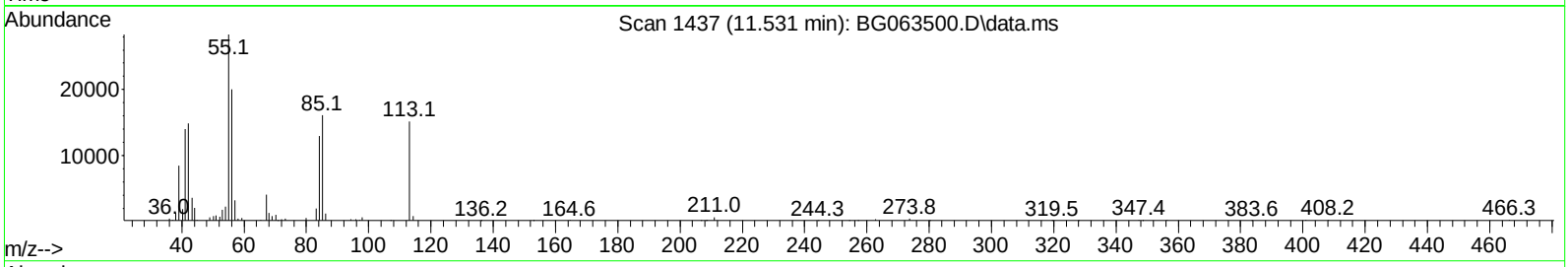
Quant Time: Nov 21 02:37:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 14:52:38 2024
Response via : Initial Calibration

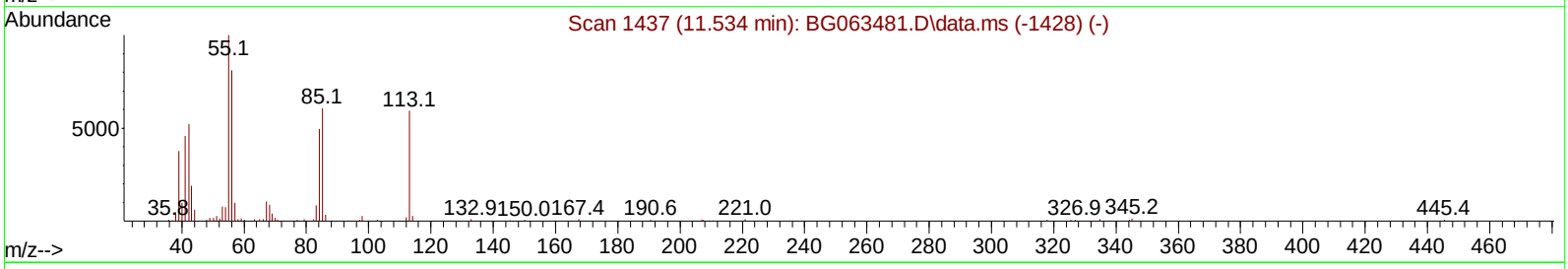
Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024







TIC: BG063500.D\data.ms

(34) Caprolactam

11.531min (-0.003) 20.33 ng/ul

response 45956

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.00	186.87
56.00	137.20	132.23
0.00	0.00	0.00

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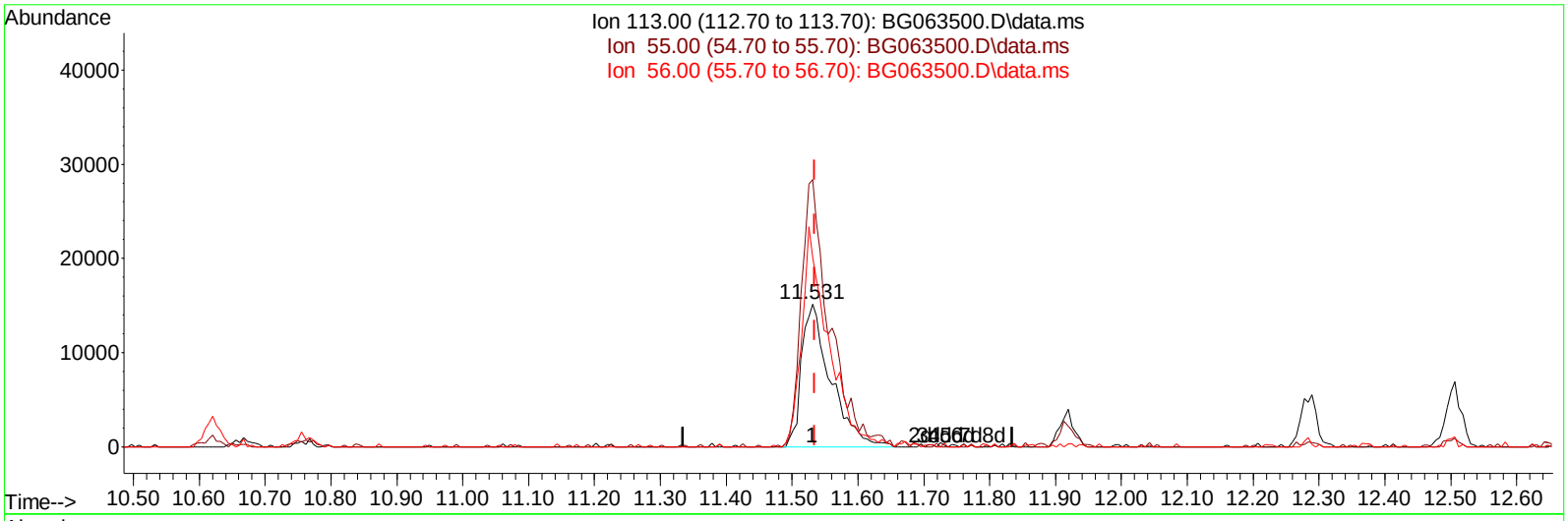

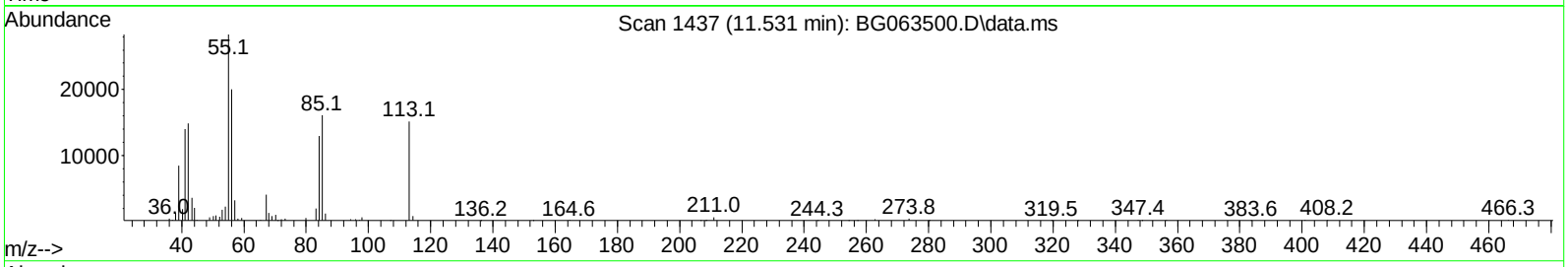

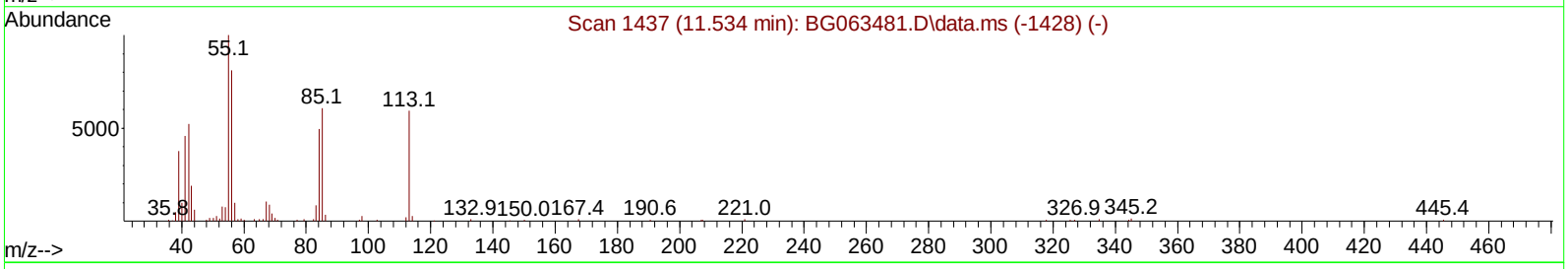

TIC: BG063500.D\data.ms

(34) Caprolactam

11.531min (-0.003) 20.58 ng/ul m

response 46511

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.00	186.87
56.00	137.20	132.23
0.00	0.00	0.00

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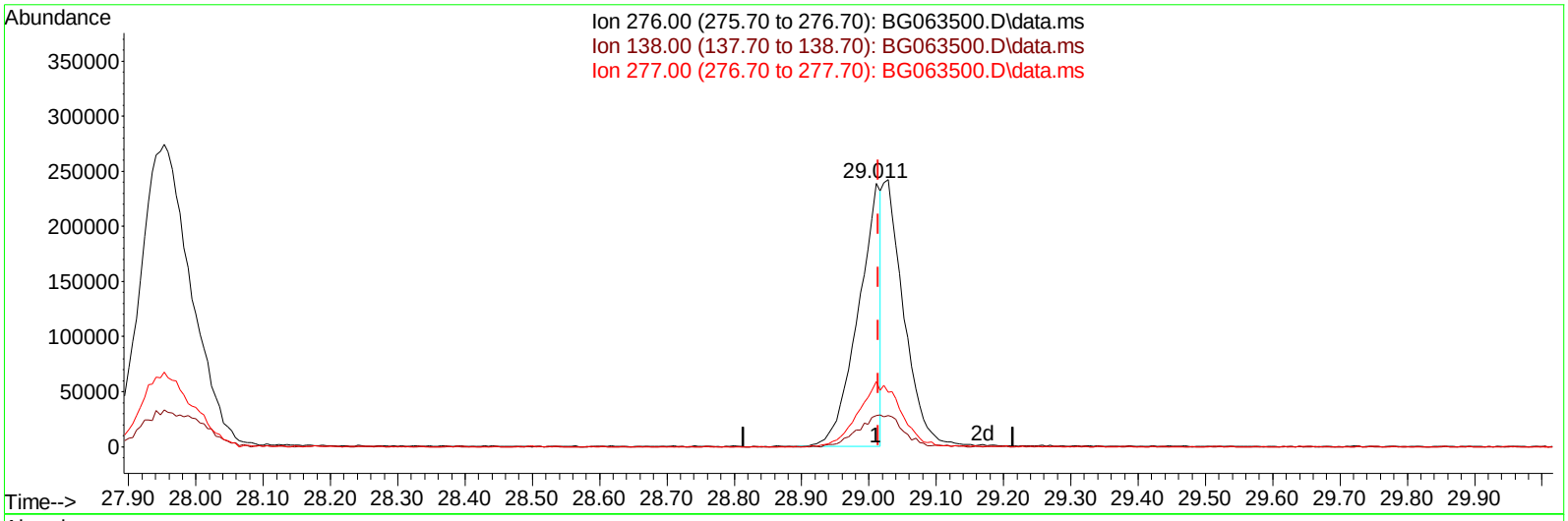

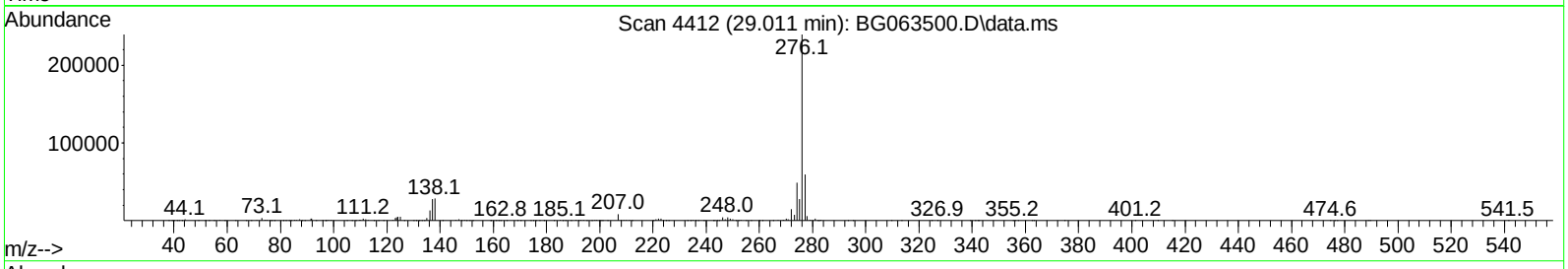

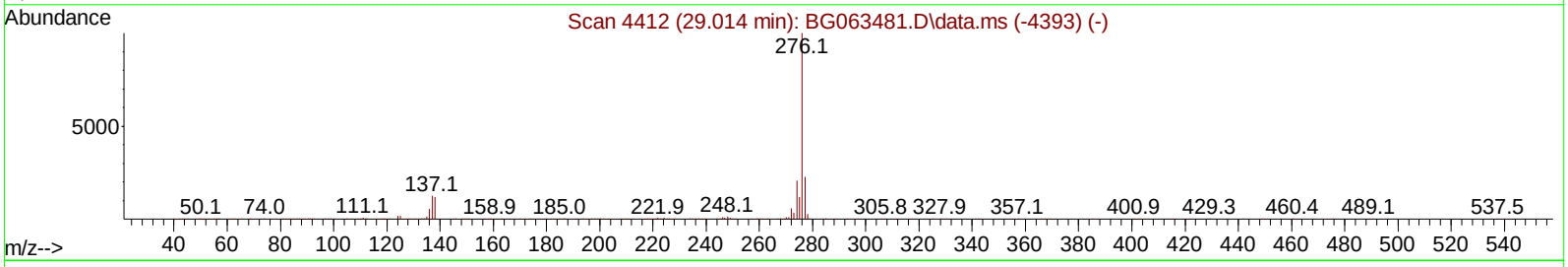

TIC: BG063500.D\data.ms

(96) Benzo(g,h,i)perylene

29.011min (-0.003) 11.59 ng/ul

response 559524

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.80	11.79
277.00	22.80	24.69
0.00	0.00	0.00

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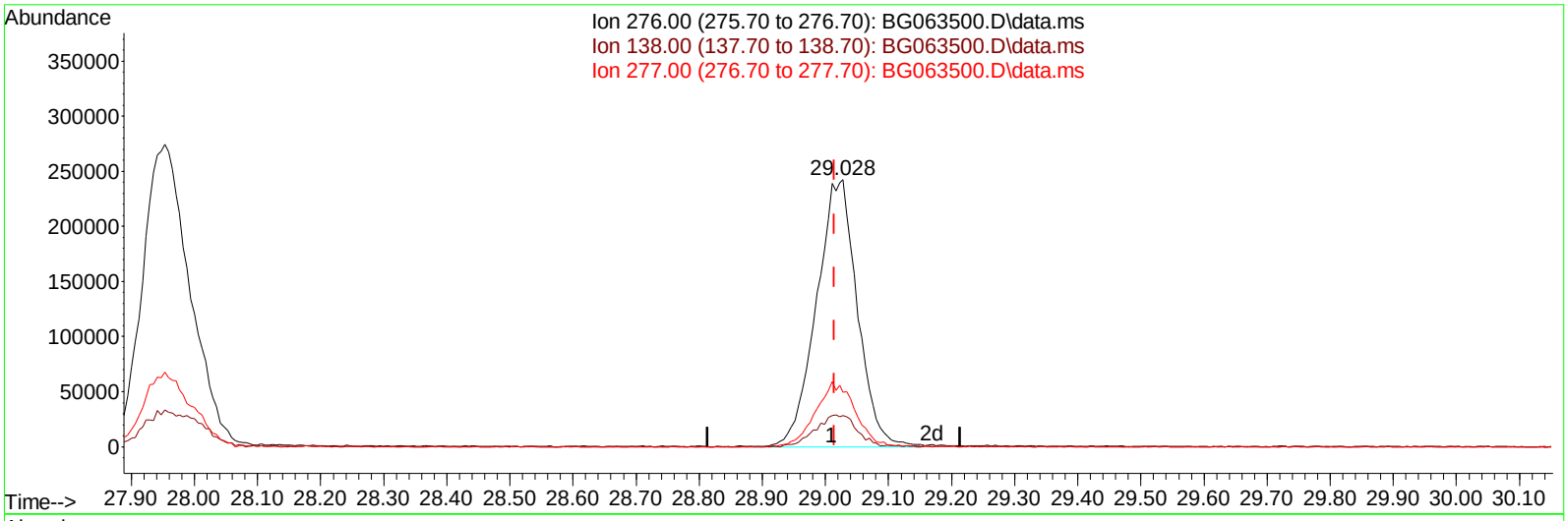

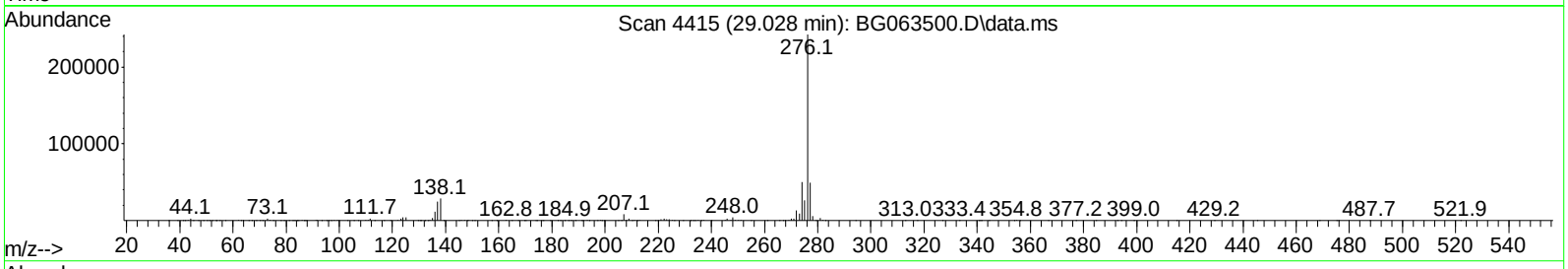

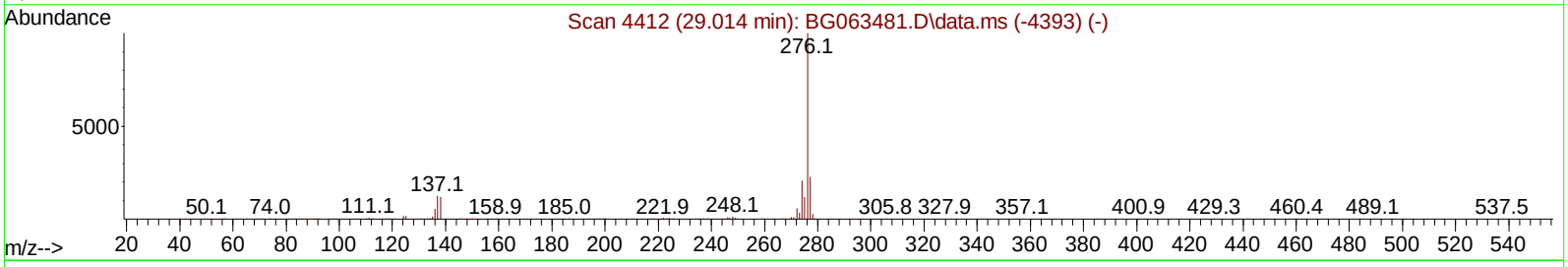

TIC: BG063500.D\data.ms

(96) Benzo(g,h,i)perylene

29.028min (+ 0.014) 22.63 ng/ul m

response 1092424

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.80	11.79
277.00	22.80	20.41
0.00	0.00	0.00

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Sample : SSTDCCC020EC
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Quant Time: Nov 21 02:39:51 2024
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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	7.830	152	99907	20.000	ng/ul	0.00
20) Naphthalene-d8	10.620	136	405407	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.469	164	320988	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.224	188	762103	20.000	ng/ul	0.00
79) Chrysene-d12	21.484	240	847052	20.000	ng/ul	0.00
88) Perylene-d12	24.522	264	913303	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.300	96	20359	8.043	ng/uL	0.00
4) Pyridine-d5	3.705	84	146276	18.436	ng/ul	0.00
7) Phenol-d5	7.007	99	169425	20.619	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.160	67	109216	20.724	ng/ul	0.00
11) 2-Chlorophenol-d4	7.365	132	123520	21.212	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	142651	20.775	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	63519	21.818	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	78511	21.830	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	153214	22.319	ng/ul	0.00
31) 4-Chloroaniline-d4	10.761	131	184140	21.208	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	485414	22.277	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	535552	21.552	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	62356	19.259	ng/ul	0.00
60) Fluorene-d10	15.468	176	429836	21.709	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	90250	21.064	ng/ul	0.00
73) Anthracene-d10	17.324	188	740446	22.364	ng/ul	0.00
81) Pyrene-d10	19.622	212	962149	22.660	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.316	264	997014	22.507	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	24373	8.155	ng/uL#	89
5) Pyridine	3.723	79	152263	18.860	ng/ul	93
6) Benzaldehyde	6.972	77	119017	25.306	ng/ul	94
8) Phenol	7.030	94	188647	21.055	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.254	93	133444	20.634	ng/ul#	93
12) 2-Chlorophenol	7.401	128	129366	20.813	ng/ul	98
13) 2-Methylphenol	8.276	108	140204	21.031	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.347	45	201741	21.294	ng/ul	96
16) Acetophenone	8.646	105	226370	20.870	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.629	70	132790	21.907	ng/ul	93
18) 4-Methylphenol	8.605	108	155400	21.253	ng/ul	94
19) Hexachloroethane	8.905	117	54206	20.193	ng/ul#	92
22) Nitrobenzene	9.028	77	194448	21.771	ng/ul	98
23) Isophorone	9.545	82	360056	22.077	ng/ul	99
25) 2-Nitrophenol	9.739	139	82049	22.994	ng/ul	92
26) 2,4-Dimethylphenol	9.804	107	171382	22.281	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.033	93	194908	21.589	ng/ul	92
29) 2,4-Dichlorophenol	10.274	162	144454	21.538	ng/ul	97
30) Naphthalene	10.673	128	456562	22.031	ng/ul	97
32) 4-Chloroaniline	10.779	127	179428	21.626	ng/ul	100
33) Hexachlorobutadiene	10.955	225	126215	21.098	ng/ul	94
34) Caprolactam	11.531	113	46511m	20.576	ng/ul	
35) 4-Chloro-3-methylphenol	11.919	107	153260	22.452	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.283	142	322309	21.911	ng/ul	100
37) 1-Methylnaphthalene	12.506	142	333238	21.575	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.659	216	241840	21.440	ng/ul	95
40) Hexachlorocyclopentadiene	12.636	237	93348	19.402	ng/ul	94
41) 2,4,6-Trichlorophenol	12.900	196	129663	20.949	ng/ul	98
42) 2,4,5-Trichlorophenol	12.976	196	141714	22.186	ng/ul	94
43) 1,1'-Biphenyl	13.300	154	467283	21.935	ng/ul	96
44) 2-Chloronaphthalene	13.341	162	360504	21.537	ng/ul	97
45) 2-Nitroaniline	13.546	65	115261	21.847	ng/ul	95
47) Dimethylphthalate	13.922	163	461231	21.724	ng/ul	98
48) 2,6-Dinitrotoluene	14.046	165	96130	22.319	ng/ul	89
50) Acenaphthylene	14.193	152	549570	22.000	ng/ul	97
51) 3-Nitroaniline	14.381	138	86182	21.847	ng/ul	94
52) Acenaphthene	14.533	153	392705	21.766	ng/ul	93
53) 2,4-Dinitrophenol	14.598	184	37614	17.009	ng/ul	91
55) 4-Nitrophenol	14.704	109	81268	21.598	ng/ul	94
56) Dibenzofuran	14.868	168	565782	21.857	ng/ul	100
57) 2,4-Dinitrotoluene	14.839	165	144859	21.978	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.103	232	123846	20.404	ng/ul#	89
59) Diethylphthalate	15.291	149	464451	21.658	ng/ul	99
61) Fluorene	15.521	166	465007	21.103	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.515	204	287369	21.855	ng/ul	97
63) 4-Nitroaniline	15.544	138	90743	22.469	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.615	198	96452	21.067	ng/ul#	99
67) N-Nitrosodiphenylamine	15.732	169	399107	22.058	ng/ul	94
68) 4-Bromophenyl-phenylether	16.414	248	190435	22.301	ng/ul	95
69) Hexachlorobenzene	16.537	284	199106	22.239	ng/ul	90
70) Atrazine	16.684	200	189244	21.648	ng/ul	97
71) Pentachlorophenol	16.884	266	90008	21.499	ng/ul	98
72) Phenanthrene	17.266	178	797551	21.953	ng/ul	98
74) Anthracene	17.360	178	825626	22.256	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.264	216	250198	22.563	ng/ul	91
76) Pentachlorobenzene	14.792	250	250732	22.897	ng/ul	99
77) Carbazole	17.630	167	702052	22.809	ng/ul	98
78) Di-n-butylphthalate	18.194	149	806260	22.849	ng/ul	98
80) Fluoranthene	19.287	202	1068207	22.753	ng/ul	99
82) Pyrene	19.651	202	1179613	23.448	ng/ul	98
83) Butylbenzylphthalate	20.550	149	367441	22.507	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.384	252	422783	23.235	ng/ul	95
85) Benzo(a)anthracene	21.467	228	1241309	22.664	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.378	149	541596	22.824	ng/ul	97
87) Chrysene	21.525	228	1158156	22.614	ng/ul	99
89) Di-n-octyl phthalate	22.524	149	940580	23.211	ng/ul	100
90) Benzo(b)fluoranthene	23.564	252	1250633	22.807	ng/ul	98
91) Benzo(k)fluoranthene	23.623	252	1259169	22.884	ng/ul	98
93) Benzo(a)pyrene	24.381	252	1165638	22.713	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.953	276	1428915	22.448	ng/ul	99
95) Dibenzo(a,h)anthracene	28.000	278	1191857	22.903	ng/ul	97
96) Benzo(g,h,i)perylene	29.028	276	1092424m	22.634	ng/ul	

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

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