Quantitation Report (Qedit)

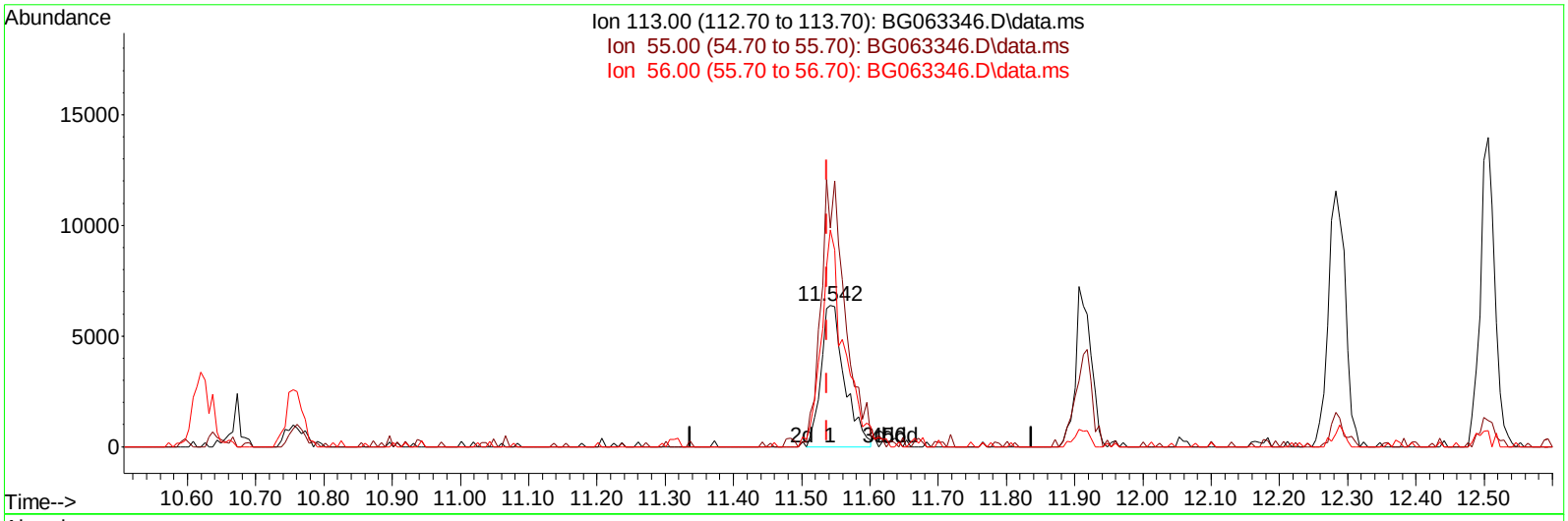
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111124\
Data File : BG063346.D
Acq On : 13 Nov 2024 4:46
Operator : RC/JU
Sample : P4801-16MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

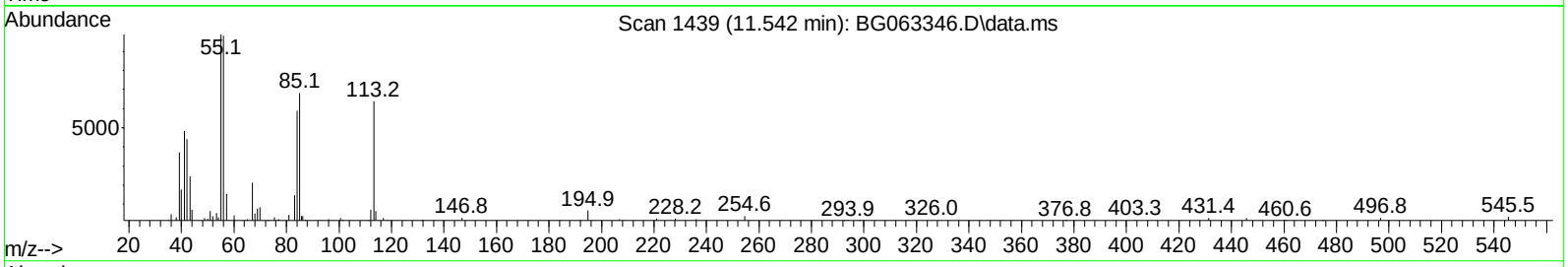
Quant Time: Nov 13 04:22:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

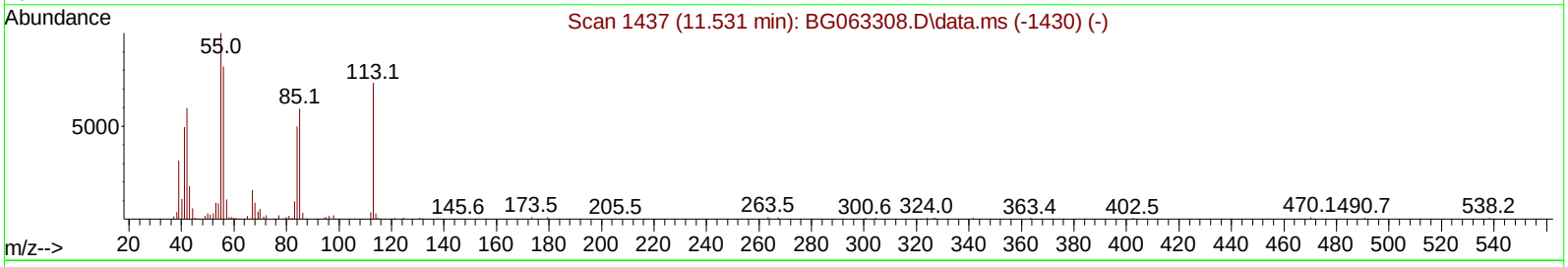
Instrument :
BNA_G
ClientSampleId :
GCPB5MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/13/2024
Supervised By :mohammad ahmed 11/14/2024







TIC: BG063346.D\data.ms

(34) Caprolactam

11.542min (+ 0.005) 4.17 ng/ul

response 15390

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	155.03
56.00	105.40	153.85#
0.00	0.00	0.00

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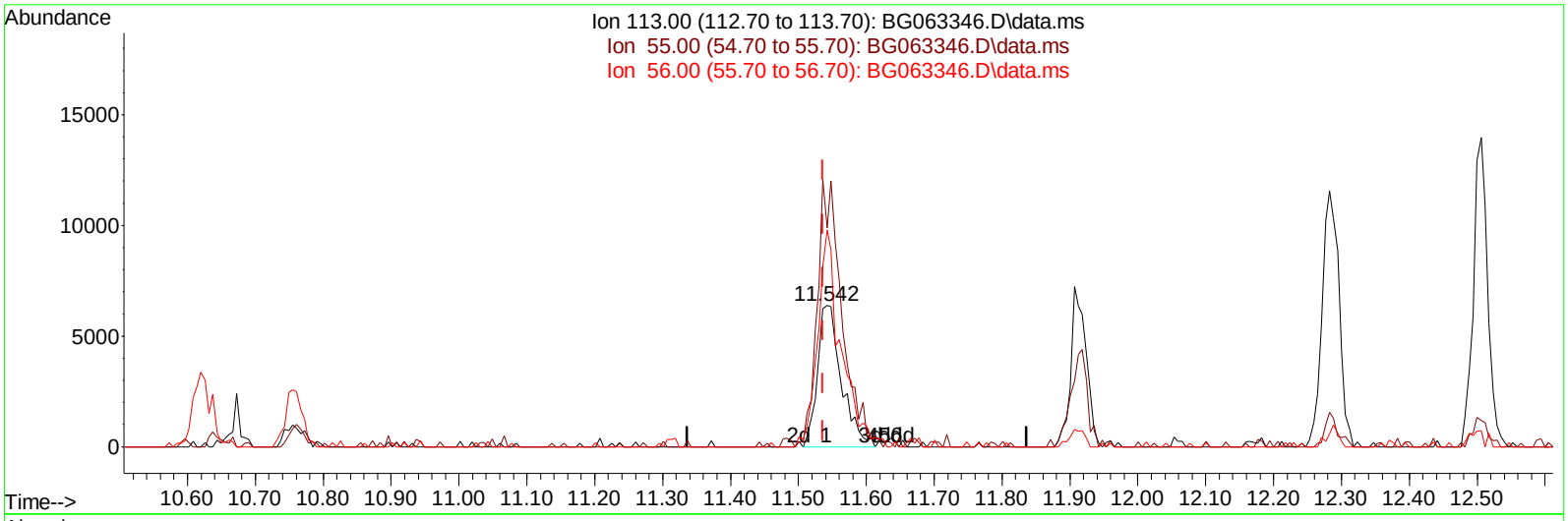

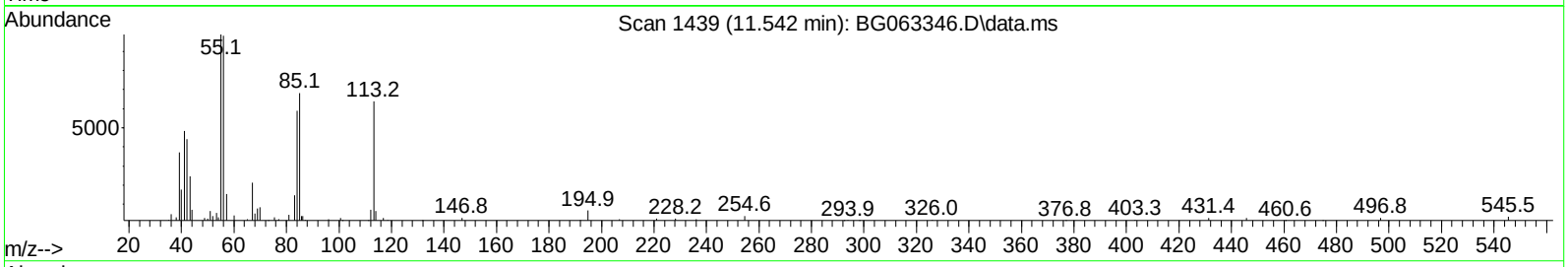

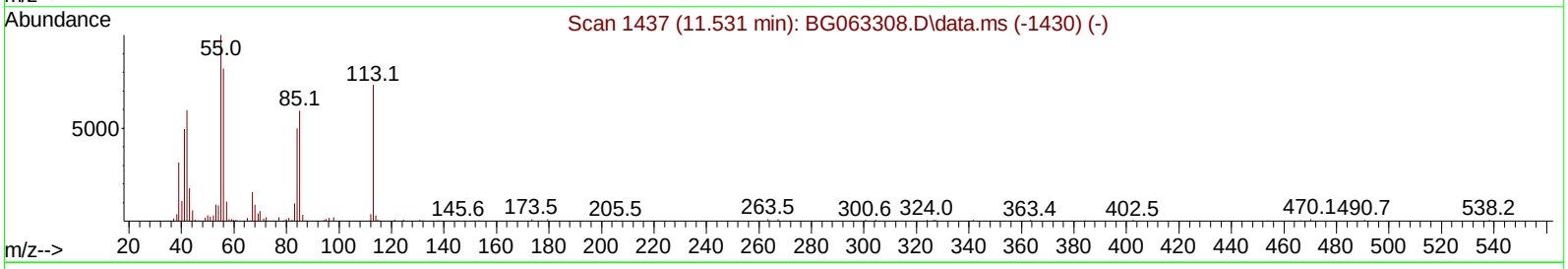

TIC: BG063346.D\data.ms

(34) Caprolactam

11.542min (+ 0.005) 4.21 ng/ul m

response 15540

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	155.03
56.00	105.40	153.85#
0.00	0.00	0.00

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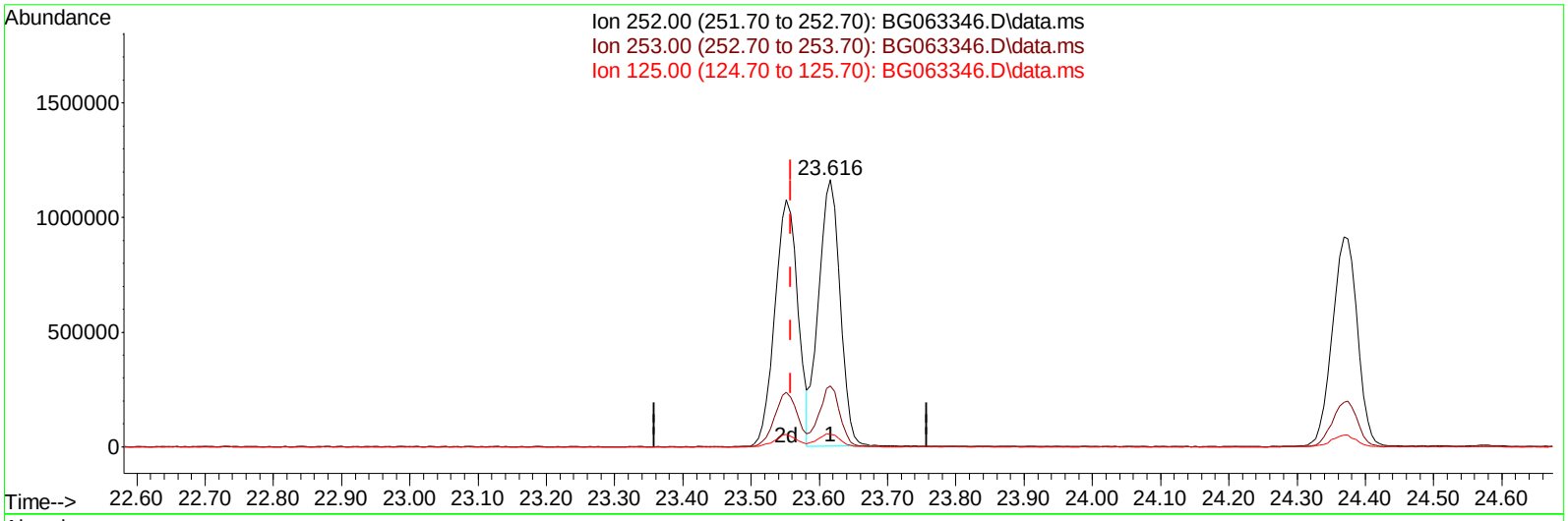

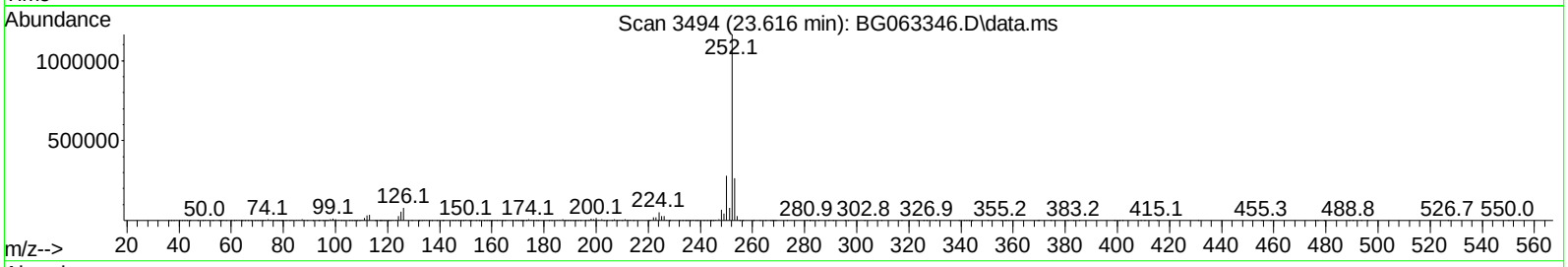

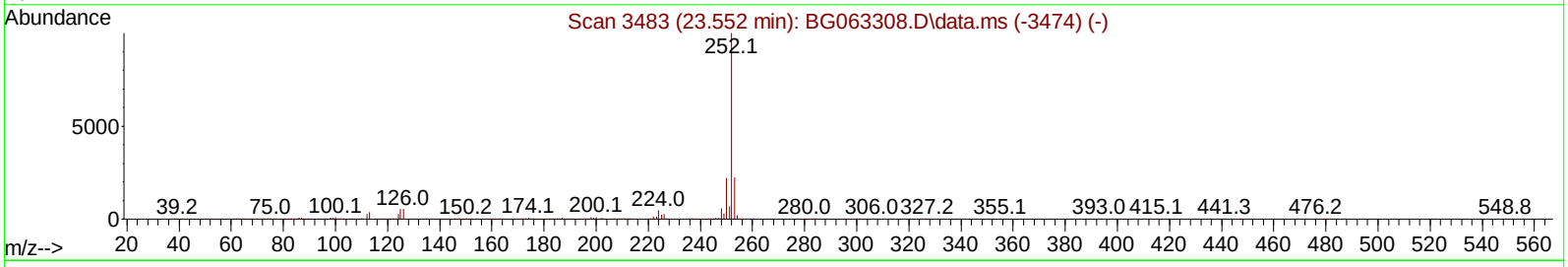

TIC: BG063346.D\data.ms

(90) Benzo(b)fluoranthene

23.616min (+ 0.058) 37.44 ng/ul

response 2539785

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	22.71
125.00	4.20	4.72
0.00	0.00	0.00

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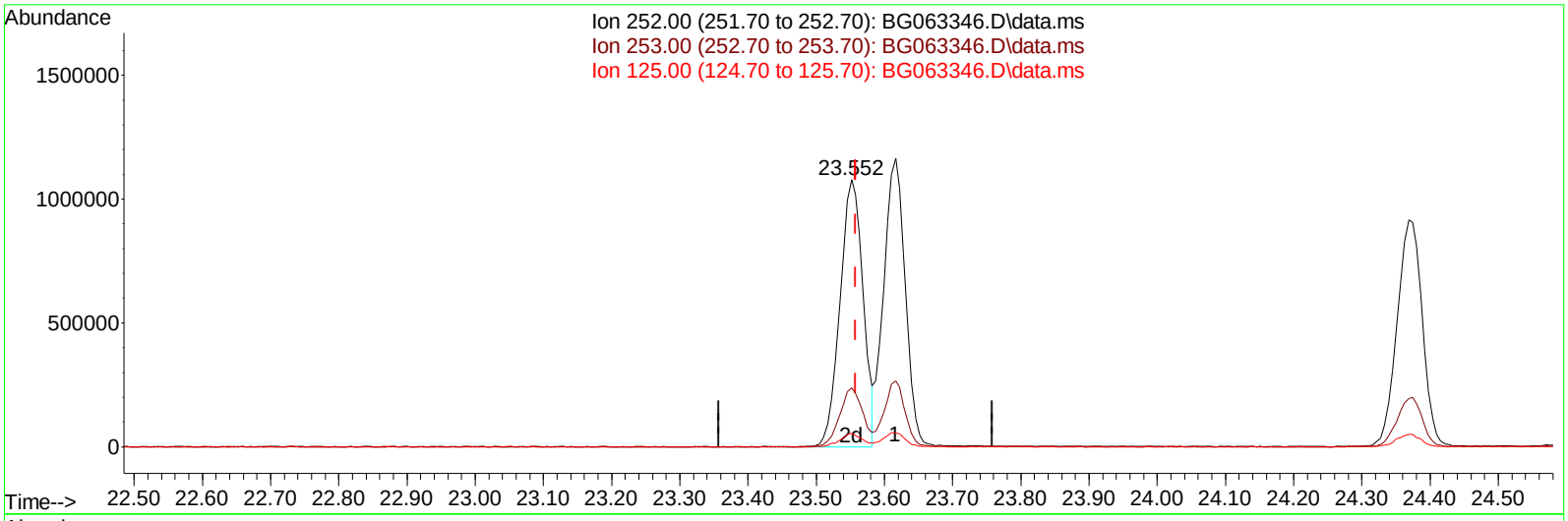

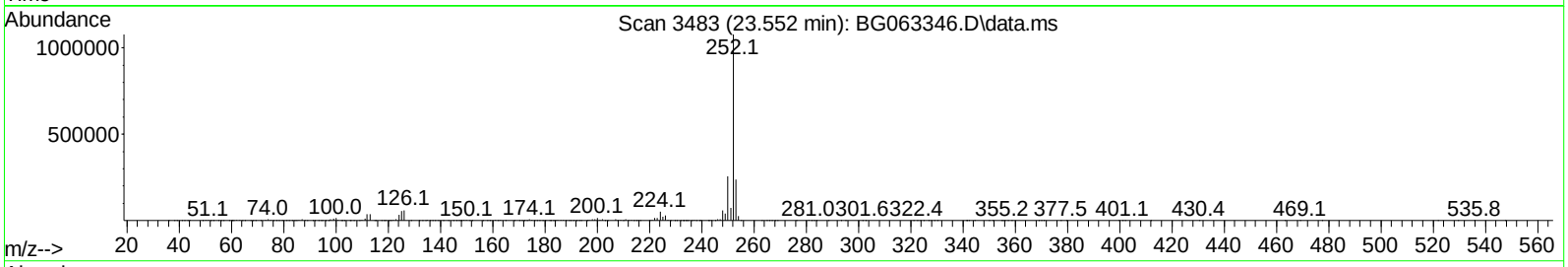

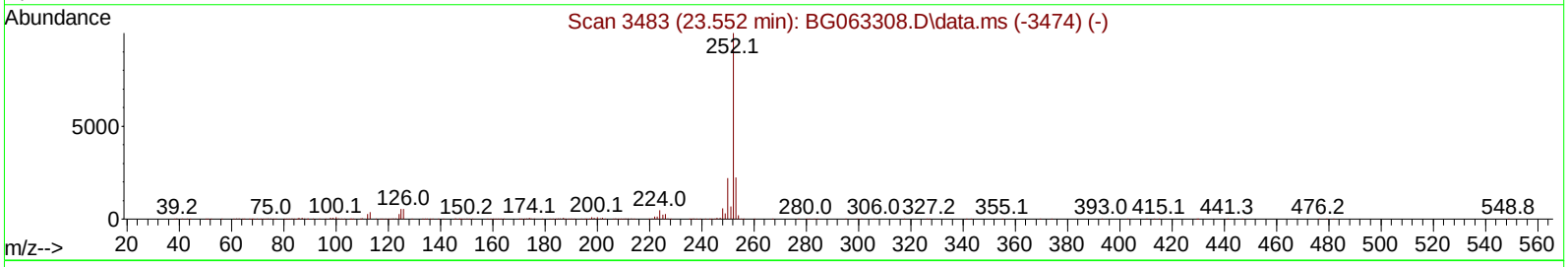

TIC: BG063346.D\data.ms

(90) Benzo(b)fluoranthene

23.552min (-0.006) 37.32 ng/ul m

response 2531626

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	22.11
125.00	4.20	5.07#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/13/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	111098	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.620	136	528001	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.474	164	457058	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.224	188	1069499	20.000	ng/ul	0.00
79) Chrysene-d12	21.478	240	1077135	20.000	ng/ul	# 0.00
88) Perylene-d12	24.509	264	1127423	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	9993	4.067	ng/uL	0.00
4) Pyridine-d5	3.704	84	53352	6.570	ng/ul	0.00
7) Phenol-d5	7.006	99	89749	8.953	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.165	67	195314	33.216	ng/ul	0.00
11) 2-Chlorophenol-d4	7.365	132	201463	30.961	ng/ul	-0.01
15) 4-Methylphenol-d8	8.546	113	180195	21.207	ng/ul	0.00
21) Nitrobenzene-d5	8.986	128	124935	33.657	ng/ul	0.00
24) 2-Nitrophenol-d4	9.709	143	164643	34.318	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	322156	34.217	ng/ul	0.00
31) 4-Chloroaniline-d4	10.755	131	330830	26.978	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	1142007	31.898	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	1226217	34.993	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	45403	9.262	ng/ul	0.00
60) Fluorene-d10	15.467	176	1025608	33.943	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.596	200	246768	36.713	ng/ul	0.00
73) Anthracene-d10	17.324	188	1728223	37.598	ng/ul	0.00
81) Pyrene-d10	19.621	212	2128419	39.412	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.304	264	2124091	39.022	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	13544	4.478	ng/uL#	89
5) Pyridine	3.722	79	58547	7.066	ng/ul	98
6) Benzaldehyde	6.971	77	221790	40.030	ng/ul	91
8) Phenol	7.036	94	96690	8.851	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.253	93	234240	31.527	ng/ul	91
12) 2-Chlorophenol	7.400	128	202797	29.136	ng/ul	98
13) 2-Methylphenol	8.281	108	196608	24.638	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.352	45	335444	35.720	ng/ul#	94
16) Acetophenone	8.651	105	437266	31.961	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.634	70	248364	31.122	ng/ul	98
18) 4-Methylphenol	8.610	108	193436	21.317	ng/ul	88
19) Hexachloroethane	8.904	117	94146	33.379	ng/ul	91
22) Nitrobenzene	9.027	77	375021	32.765	ng/ul	97
23) Isophorone	9.550	82	716251	29.650	ng/ul	98
25) 2-Nitrophenol	9.738	139	161372	34.027	ng/ul	94
26) 2,4-Dimethylphenol	9.803	107	284768	27.528	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.032	93	368718	31.662	ng/ul	99
29) 2,4-Dichlorophenol	10.273	162	300550	33.861	ng/ul	94
30) Naphthalene	10.673	128	891550	33.000	ng/ul	99
32) 4-Chloroaniline	10.784	127	284106	24.206	ng/ul	96
33) Hexachlorobutadiene	10.960	225	253270	29.814	ng/ul	93
34) Caprolactam	11.542	113	15540m	4.212	ng/ul	
35) 4-Chloro-3-methylphenol	11.912	107	321466	30.184	ng/ul	91

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.282	142	669996	31.290	ng/ul	100
37) 1-Methylnaphthalene	12.506	142	673096	30.229	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.659	216	530424	32.921	ng/ul	99
40) Hexachlorocyclopentadiene	12.635	237	167699	19.061	ng/ul	98
41) 2,4,6-Trichlorophenol	12.899	196	311357	35.800	ng/ul	97
42) 2,4,5-Trichlorophenol	12.976	196	333378	35.349	ng/ul	91
43) 1,1'-Biphenyl	13.299	154	1004047	34.657	ng/ul	99
44) 2-Chloronaphthalene	13.346	162	780776	34.617	ng/ul	97
45) 2-Nitroaniline	13.546	65	267773	34.804	ng/ul	95
47) Dimethylphthalate	13.928	163	1046975	30.499	ng/ul	98
48) 2,6-Dinitrotoluene	14.051	165	220884	33.625	ng/ul	98
50) Acenaphthylene	14.192	152	1201960	34.434	ng/ul	97
51) 3-Nitroaniline	14.374	138	193890	33.815	ng/ul	92
52) Acenaphthene	14.533	153	857473	34.321	ng/ul	98
53) 2,4-Dinitrophenol	14.592	184	129894	29.992	ng/ul	97
55) 4-Nitrophenol	14.703	109	55054	8.642	ng/ul	99
56) Dibenzofuran	14.874	168	1282901	33.545	ng/ul	100
57) 2,4-Dinitrotoluene	14.844	165	339257	32.654	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.103	232	320269	32.790	ng/ul#	94
59) Diethylphthalate	15.297	149	1070918	30.428	ng/ul	100
61) Fluorene	15.526	166	1078390	33.316	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.514	204	655350	31.504	ng/ul	97
63) 4-Nitroaniline	15.543	138	217666	37.507	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.614	198	256385	36.755	ng/ul#	94
67) N-Nitrosodiphenylamine	15.731	169	916465	38.412	ng/ul	99
68) 4-Bromophenyl-phenylether	16.413	248	455744	37.275	ng/ul	99
69) Hexachlorobenzene	16.536	284	487924	37.460	ng/ul	96
70) Atrazine	16.683	200	383917	29.414	ng/ul	96
71) Pentachlorophenol	16.877	266	220553	33.776	ng/ul	93
72) Phenanthrene	17.265	178	1819364	37.232	ng/ul	99
74) Anthracene	17.359	178	1806691	36.092	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.270	216	546562	39.520	ng/ul	97
76) Pentachlorobenzene	14.797	250	571890	38.777	ng/ul	98
77) Carbazole	17.629	167	1524709	36.687	ng/ul	98
78) Di-n-butylphthalate	18.187	149	1748735	36.991	ng/ul	100
80) Fluoranthene	19.286	202	2239358	38.362	ng/ul#	97
82) Pyrene	19.650	202	2338705	37.798	ng/ul#	97
83) Butylbenzylphthalate	20.543	149	770261	42.596	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.378	252	783474	33.827	ng/ul	99
85) Benzo(a)anthracene	21.460	228	2528010	37.104	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.372	149	1119899	42.518	ng/ul	99
87) Chrysene	21.525	228	2331652	36.706	ng/ul	98
89) Di-n-octyl phthalate	22.518	149	1891358	42.571	ng/ul	100
90) Benzo(b)fluoranthene	23.552	252	2531626m	37.321	ng/ul	
91) Benzo(k)fluoranthene	23.616	252	2539785	37.590	ng/ul	98
93) Benzo(a)pyrene	24.368	252	2345421	37.380	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	27.935	276	2885018	37.485	ng/ul#	96
95) Dibenzo(a,h)anthracene	27.988	278	2347077	37.405	ng/ul#	97
96) Benzo(g,h,i)perylene	28.998	276	2164152	37.087	ng/ul	99

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

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