Quantitation Report (Qedit)

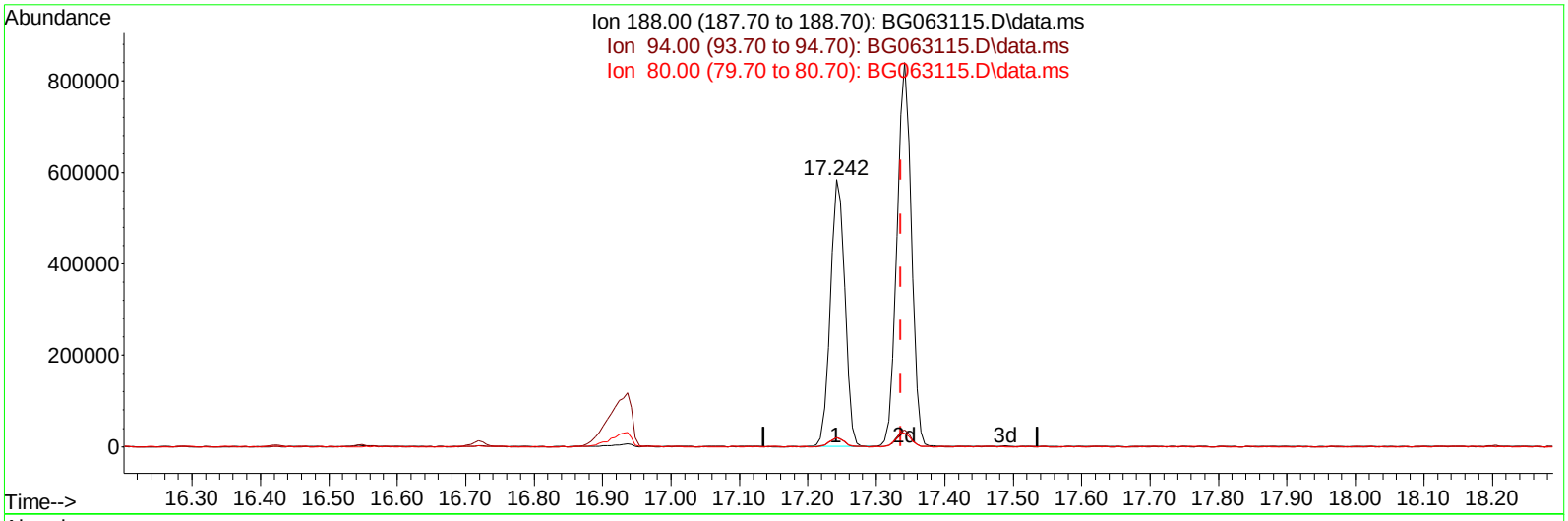
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092724\
Data File : BG063115.D
Acq On : 28 Sep 2024 19:42
Operator : RC/JU
Sample : P3927-19MSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

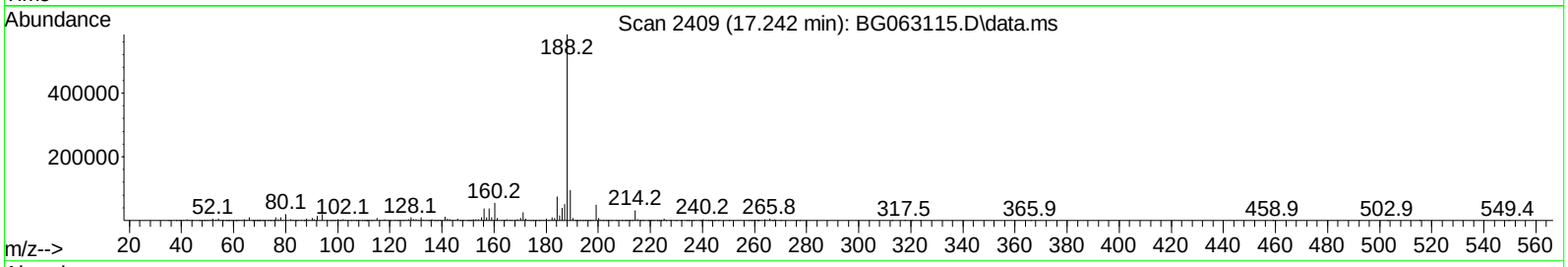
Quant Time: Sep 28 23:26:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 25 13:16:45 2024
Response via : Initial Calibration

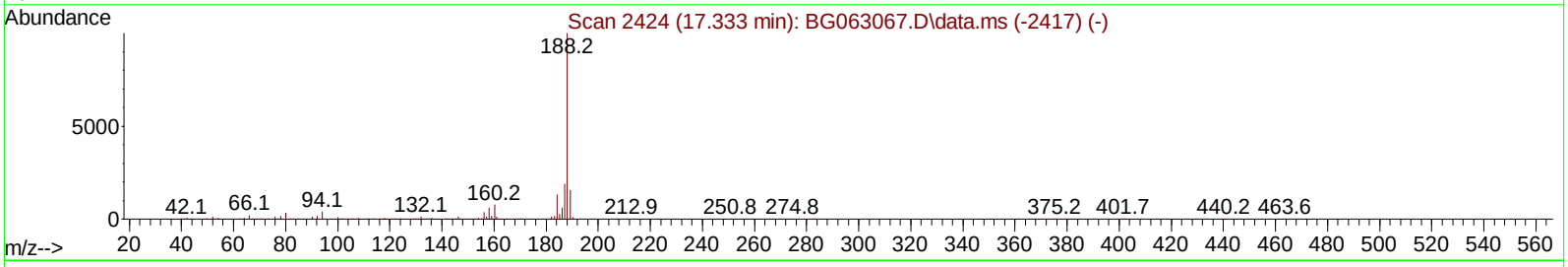
Instrument :
BNA_G
ClientSampleId :
DDCA5MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/30/2024
Supervised By :mohammad ahmed 10/01/2024







TIC: BG063115.D\data.ms

(73) Anthracene-d10 (S)

17.242min (-0.094) 20.84 ng/ul

response 854210

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	3.30	3.39
80.00	3.00	3.50
0.00	0.00	0.00

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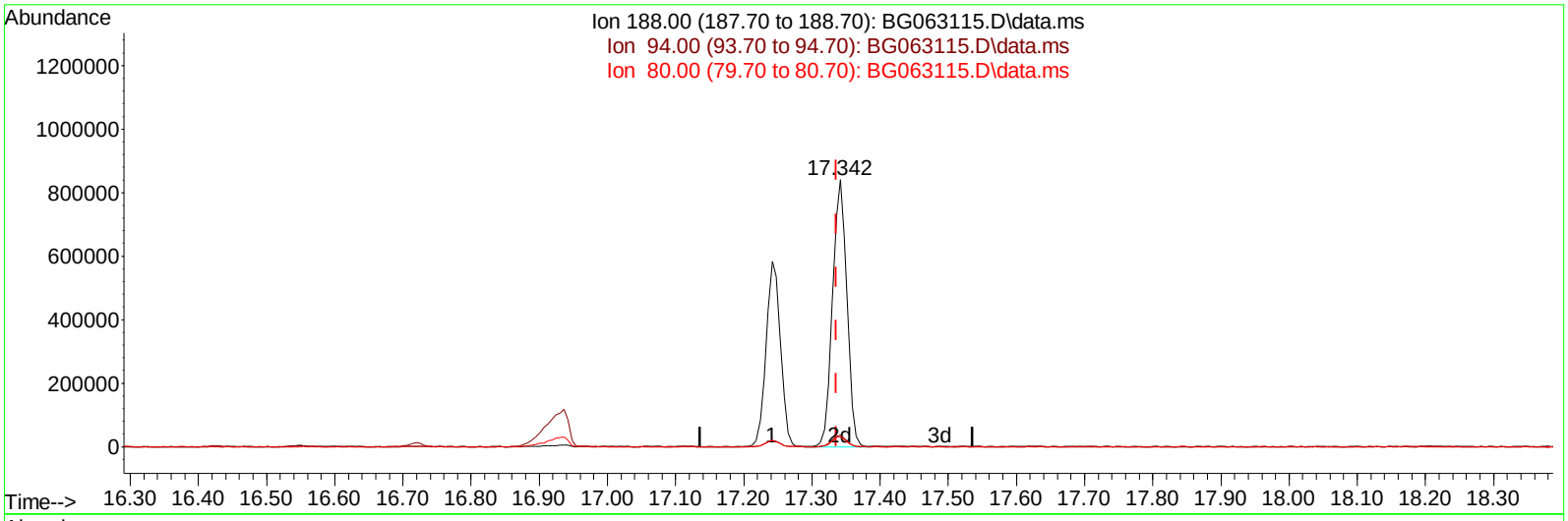

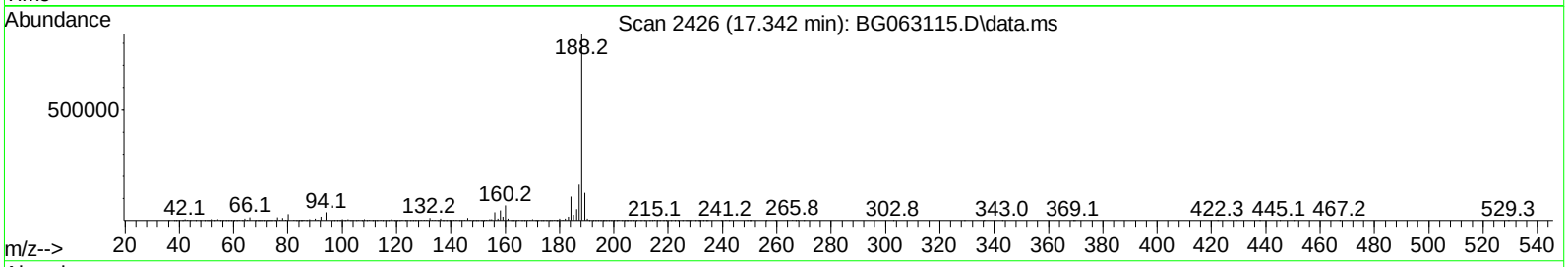

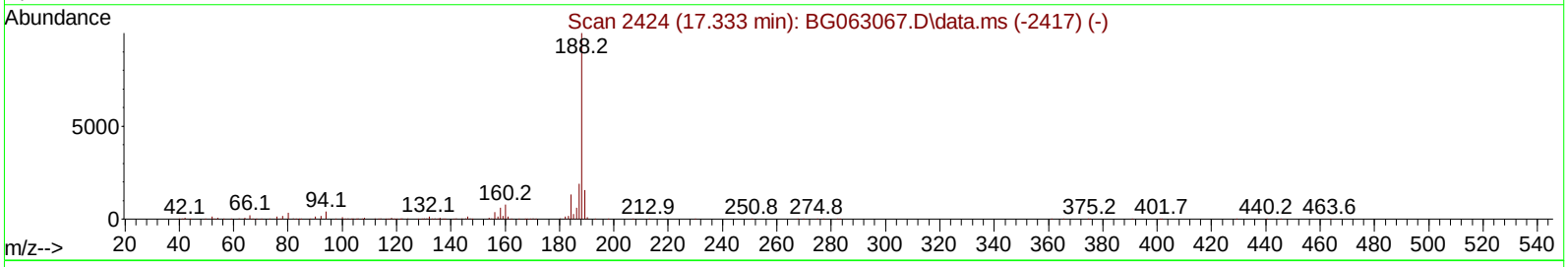

TIC: BG063115.D\data.ms

(73) Anthracene-d10 (S)

17.342min (+ 0.006) 30.07 ng/ul m

response 1232216

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	3.30	4.37#
80.00	3.00	3.57
0.00	0.00	0.00

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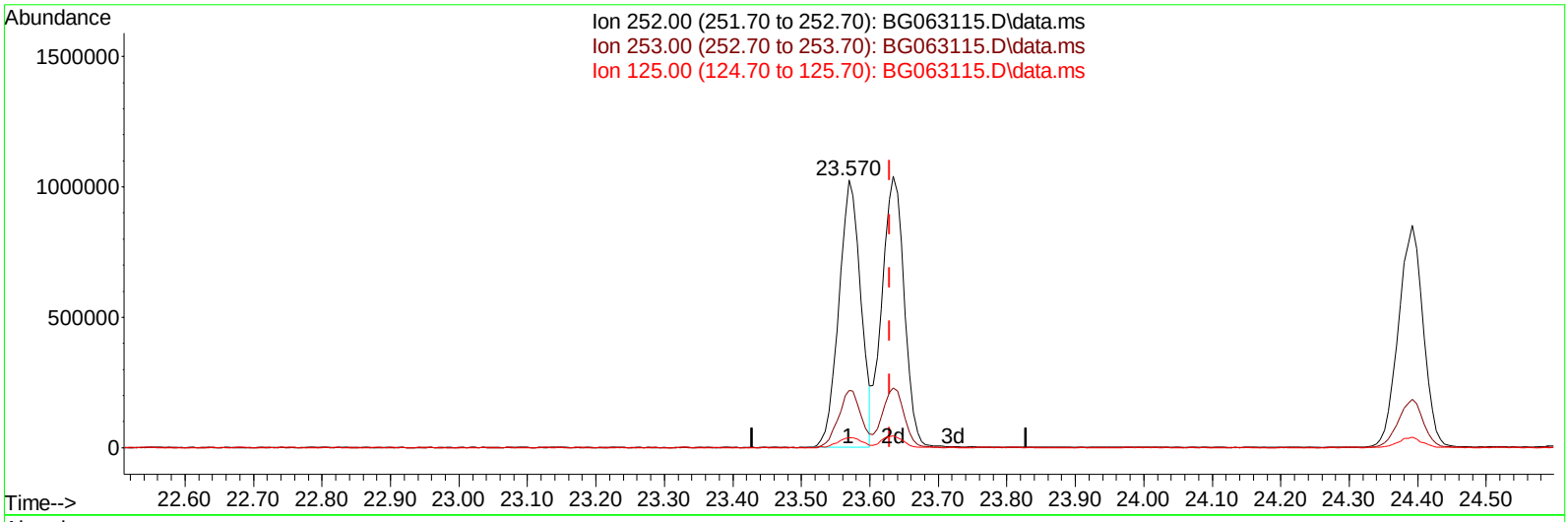

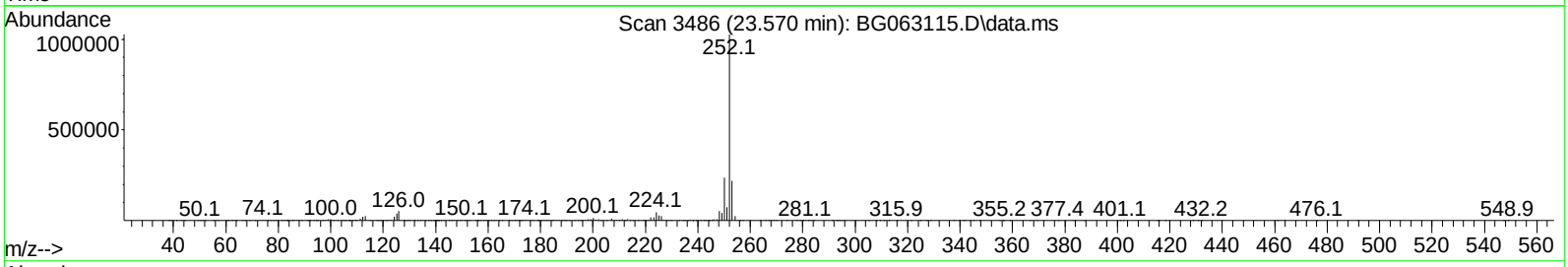

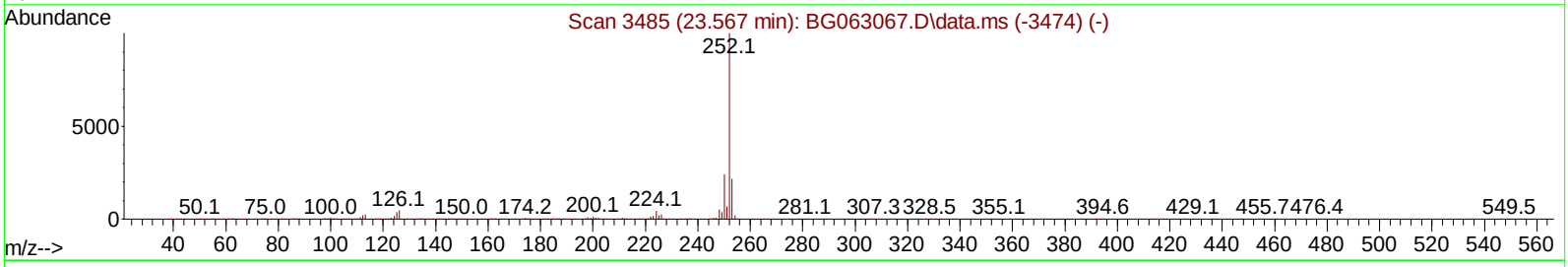

TIC: BG063115.D\data.ms

(91) Benzo(k)fluoranthene

23.570min (-0.059) 37.72 ng/ul

response 2272528

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.37
125.00	3.20	3.70
0.00	0.00	0.00

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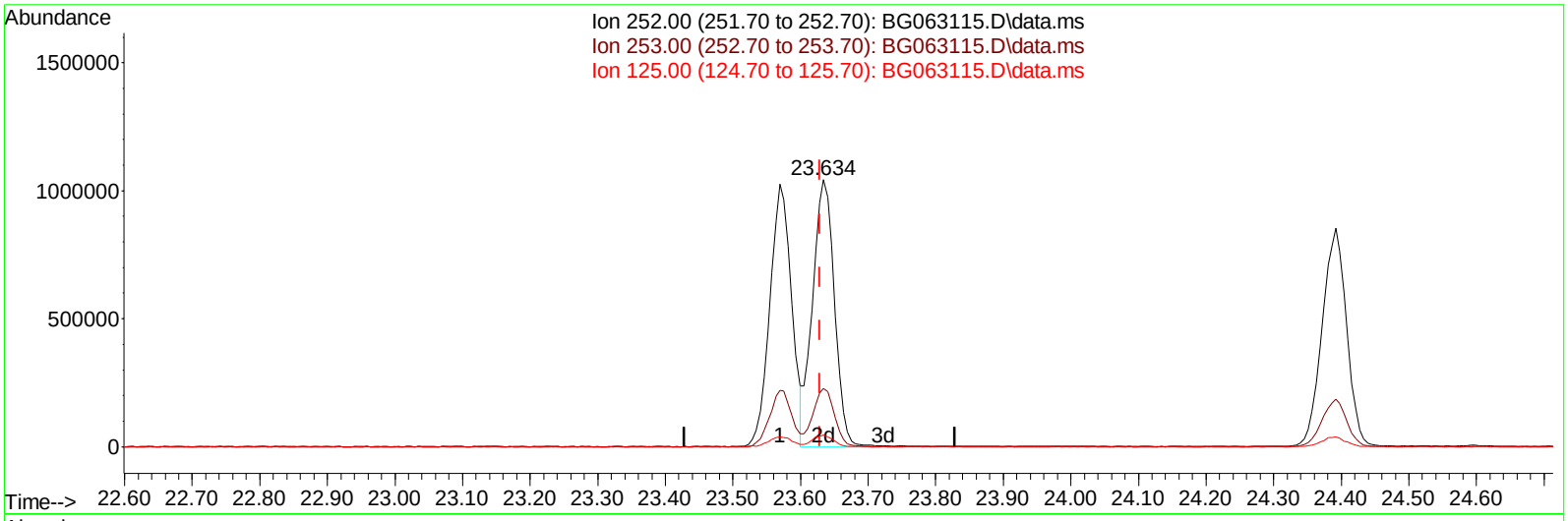

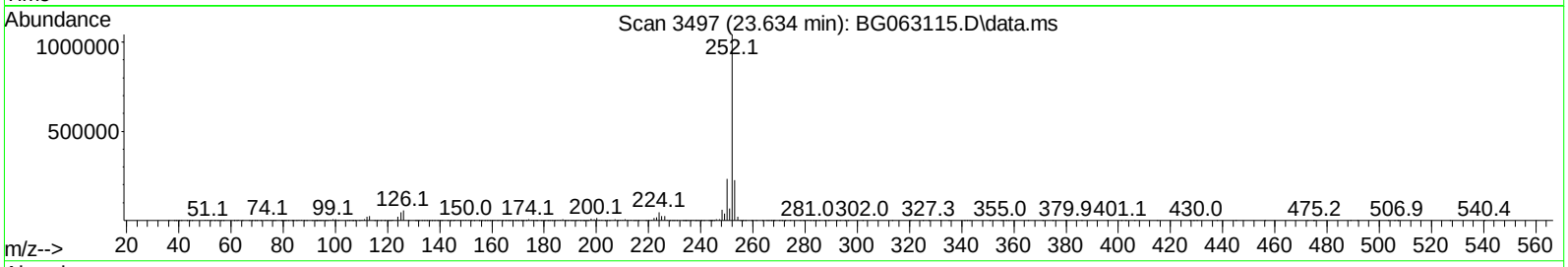

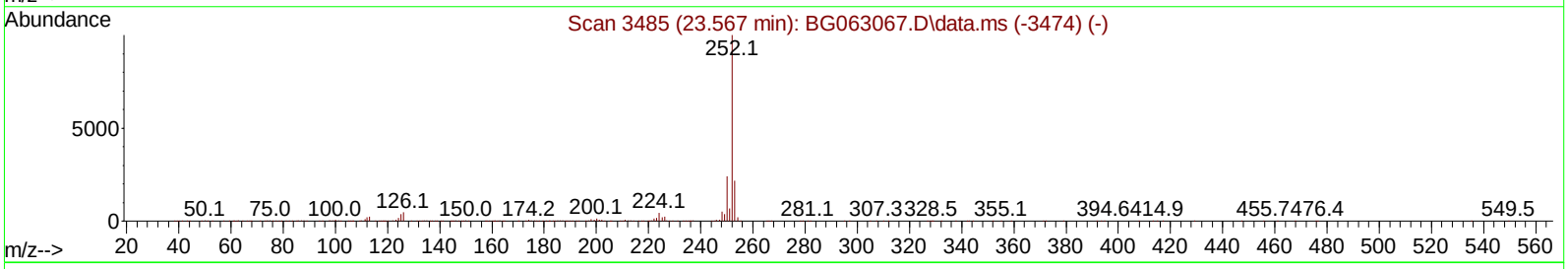

TIC: BG063115.D\data.ms

(91) Benzo(k)fluoranthene

23.634min (+ 0.006) 39.10 ng/ul m

response 2355866

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	21.88
125.00	3.20	4.31#
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	7.847	152	83548	20.000	ng/ul	0.00
20) Naphthalene-d8	10.638	136	368989	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.486	164	334794	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.242	188	854210	20.000	ng/ul	0.00
79) Chrysene-d12	21.490	240	847842	20.000	ng/ul	# 0.00
88) Perylene-d12	24.527	264	975252	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	5386	3.716	ng/uL	0.00
4) Pyridine-d5	3.722	84	50471	14.242	ng/ul	0.00
7) Phenol-d5	7.018	99	152953	29.640	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.177	67	60626	30.073	ng/ul	0.00
11) 2-Chlorophenol-d4	7.383	132	139705	27.553	ng/ul	0.00
15) 4-Methylphenol-d8	8.558	113	140283	30.113	ng/ul	0.00
21) Nitrobenzene-d5	9.004	128	72823	26.840	ng/ul	0.00
24) 2-Nitrophenol-d4	9.721	143	96483	27.843	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.262	165	202964	28.063	ng/ul	0.00
31) 4-Chloroaniline-d4	10.773	131	226812	26.726	ng/ul	0.00
46) Dimethylphthalate-d6	13.893	166	778263	29.237	ng/ul	0.00
49) Acenaphthylene-d8	14.181	160	846763	30.018	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	117337	29.227	ng/ul	0.00
60) Fluorene-d10	15.479	176	711251	29.161	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.608	200	180215	30.189	ng/ul	0.00
73) Anthracene-d10	17.342	188	1232216m	30.067	ng/ul	0.00
81) Pyrene-d10	19.633	212	1523049	31.903	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.322	264	1598481	30.603	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	19374	11.324	ng/uL#	85
5) Pyridine	3.740	79	143260	41.069	ng/ul	89
6) Benzaldehyde	6.989	77	103651	43.248	ng/ul	94
8) Phenol	7.048	94	207696	39.999	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.271	93	128764	39.853	ng/ul	95
12) 2-Chlorophenol	7.412	128	189057	38.407	ng/ul	94
13) 2-Methylphenol	8.293	108	180162	39.470	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.364	45	109725	44.578	ng/ul	95
16) Acetophenone	8.669	105	293518	40.516	ng/ul#	93
17) N-Nitroso-di-n-propyla...	8.652	70	122697	41.417	ng/ul#	94
18) 4-Methylphenol	8.622	108	196915	39.381	ng/ul	90
19) Hexachloroethane	8.928	117	67954	34.883	ng/ul	94
22) Nitrobenzene	9.045	77	178506	34.848	ng/ul	88
23) Isophorone	9.568	82	404216	40.865	ng/ul	97
25) 2-Nitrophenol	9.751	139	131400	37.061	ng/ul#	90
26) 2,4-Dimethylphenol	9.815	107	223396	35.012	ng/ul	88
27) Bis(2-Chloroethoxy)met...	10.050	93	201476	38.970	ng/ul#	95
29) 2,4-Dichlorophenol	10.291	162	251469	36.331	ng/ul	96
30) Naphthalene	10.691	128	674961	35.987	ng/ul	100
32) 4-Chloroaniline	10.796	127	266660	34.171	ng/ul	91
33) Hexachlorobutadiene	10.978	225	218245	32.426	ng/ul	95
34) Caprolactam	11.648	113	86930	44.904	ng/ul	94
35) 4-Chloro-3-methylphenol	11.930	107	237672	39.075	ng/ul	94

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.300	142	567226	37.283	ng/ul	98
37) 1-Methylnaphthalene	12.524	142	585057	38.045	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.671	216	474641	36.495	ng/ul	97
40) Hexachlorocyclopentadiene	12.653	237	192698	26.073	ng/ul#	99
41) 2,4,6-Trichlorophenol	12.912	196	279541	37.364	ng/ul	97
42) 2,4,5-Trichlorophenol	12.988	196	324925	39.517	ng/ul	93
43) 1,1'-Biphenyl	13.317	154	819931	36.989	ng/ul	97
44) 2-Chloronaphthalene	13.358	162	694565	38.913	ng/ul	100
45) 2-Nitroaniline	13.564	65	129833	40.416	ng/ul	98
47) Dimethylphthalate	13.940	163	967614	37.904	ng/ul	98
48) 2,6-Dinitrotoluene	14.063	165	200842	38.207	ng/ul	98
50) Acenaphthylene	14.204	152	1094938	38.733	ng/ul	98
51) 3-Nitroaniline	14.392	138	169885	38.293	ng/ul#	86
52) Acenaphthene	14.551	153	769802	39.095	ng/ul	98
53) 2,4-Dinitrophenol	14.604	184	140377	37.775	ng/ul	93
55) 4-Nitrophenol	14.709	109	166728	34.307	ng/ul	94
56) Dibenzofuran	14.886	168	1193300	37.876	ng/ul	98
57) 2,4-Dinitrotoluene	14.856	165	303327	36.219	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.115	232	585991	66.700	ng/ul	99
59) Diethylphthalate	15.309	149	912212	36.119	ng/ul	99
61) Fluorene	15.538	166	970339	37.372	ng/ul#	97
62) 4-Chlorophenyl-phenyle...	15.532	204	582385	35.697	ng/ul	96
63) 4-Nitroaniline	15.555	138	187991	39.075	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.620	198	283835	44.844	ng/ul	95
67) N-Nitrosodiphenylamine	15.743	169	860417	40.405	ng/ul	98
68) 4-Bromophenyl-phenylether	16.425	248	413189	39.415	ng/ul	94
69) Hexachlorobenzene	16.548	284	453500	38.826	ng/ul	97
70) Atrazine	16.719	200	344997	32.948	ng/ul	98
71) Pentachlorophenol	16.936	266	11730829	1614.016	ng/ul#	79
72) Phenanthrene	17.283	178	1715441	38.957	ng/ul	98
74) Anthracene	17.377	178	1681171	37.127	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.282	216	482400	39.575	ng/ul	95
76) Pentachlorobenzene	14.809	250	524515	39.494	ng/ul	96
77) Carbazole	17.641	167	1385437	38.232	ng/ul	99
78) Di-n-butylphthalate	18.205	149	1496475	38.026	ng/ul	99
80) Fluoranthene	19.298	202	2091469	39.085	ng/ul#	98
82) Pyrene	19.662	202	2192151	39.110	ng/ul#	96
83) Butylbenzylphthalate	20.555	149	651609	42.117	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.390	252	526648	26.281	ng/ul	97
85) Benzo(a)anthracene	21.472	228	2254124	38.279	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.390	149	920561	41.611	ng/ul	96
87) Chrysene	21.537	228	2123250	38.843	ng/ul	98
89) Di-n-octyl phthalate	22.536	149	1578104	42.675	ng/ul	100
90) Benzo(b)fluoranthene	23.570	252	2272528	37.470	ng/ul	98
91) Benzo(k)fluoranthene	23.634	252	2355866m	39.102	ng/ul	
93) Benzo(a)pyrene	24.392	252	2149359	38.719	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	27.970	276	2762247	40.418	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.017	278	2197422	39.456	ng/ul#	98
96) Benzo(g,h,i)perylene	29.040	276	2091504	40.408	ng/ul#	98

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

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