Quantitation Report (Qedit)

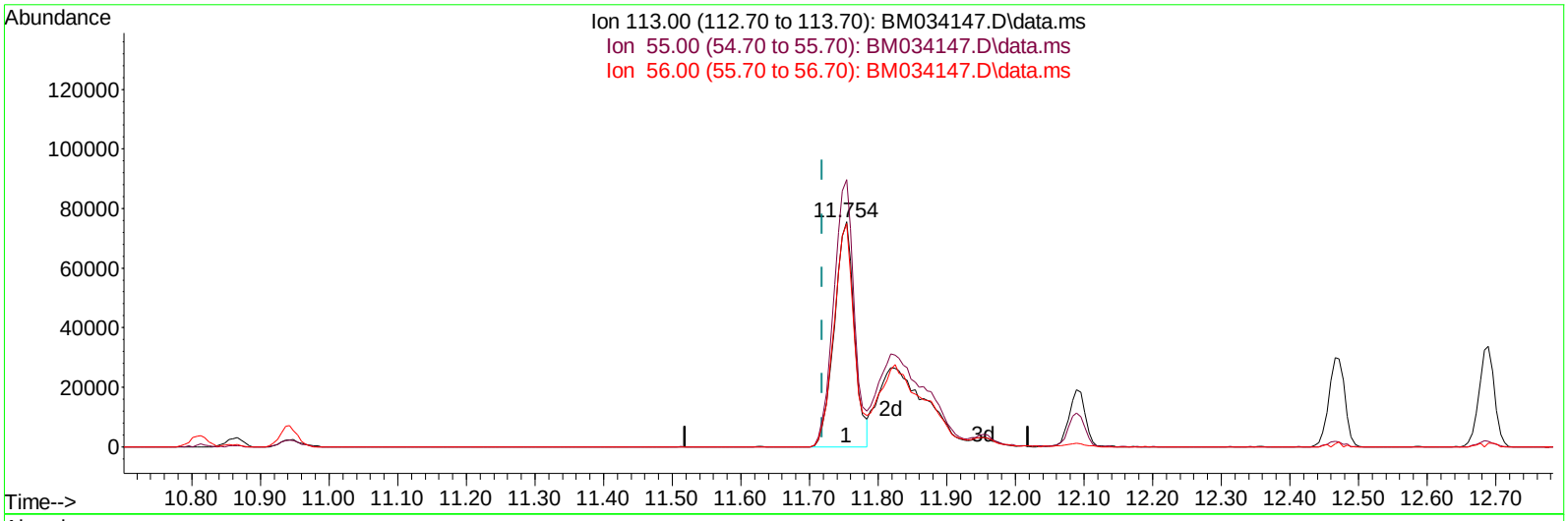
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030822\
Data File : BM034147.D
Acq On : 08 Mar 2022 11:44
Operator : CG/JU
Sample : SSTD08043
Misc :
ALS Vial : 6 Sample Multiplier: 1

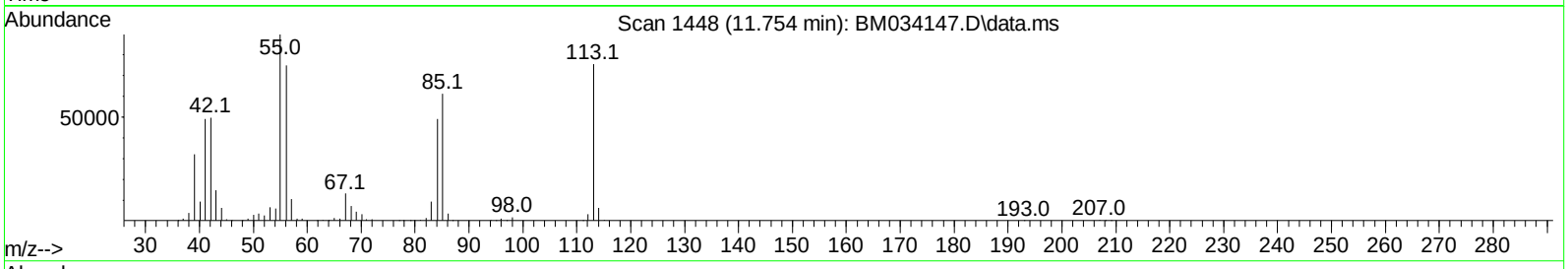
Quant Time: Mar 08 12:34:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030822.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 08 11:29:45 2022
Response via : Initial Calibration

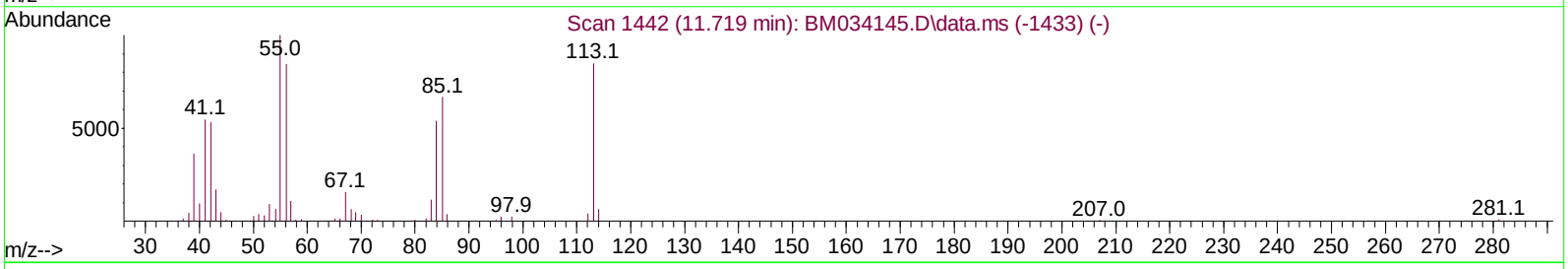
Instrument :
BNA_M
ClientSampleId :
SSTD080043

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/08/2022
Supervised By :Yogesh Patel 03/09/2022







TIC: BM034147.D\data.ms

(34) Caprolactam

11.754min (+ 0.035) 50.73 ng/ul

response 153158

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	118.71#
56.00	164.70	99.09#
0.00	0.00	0.00

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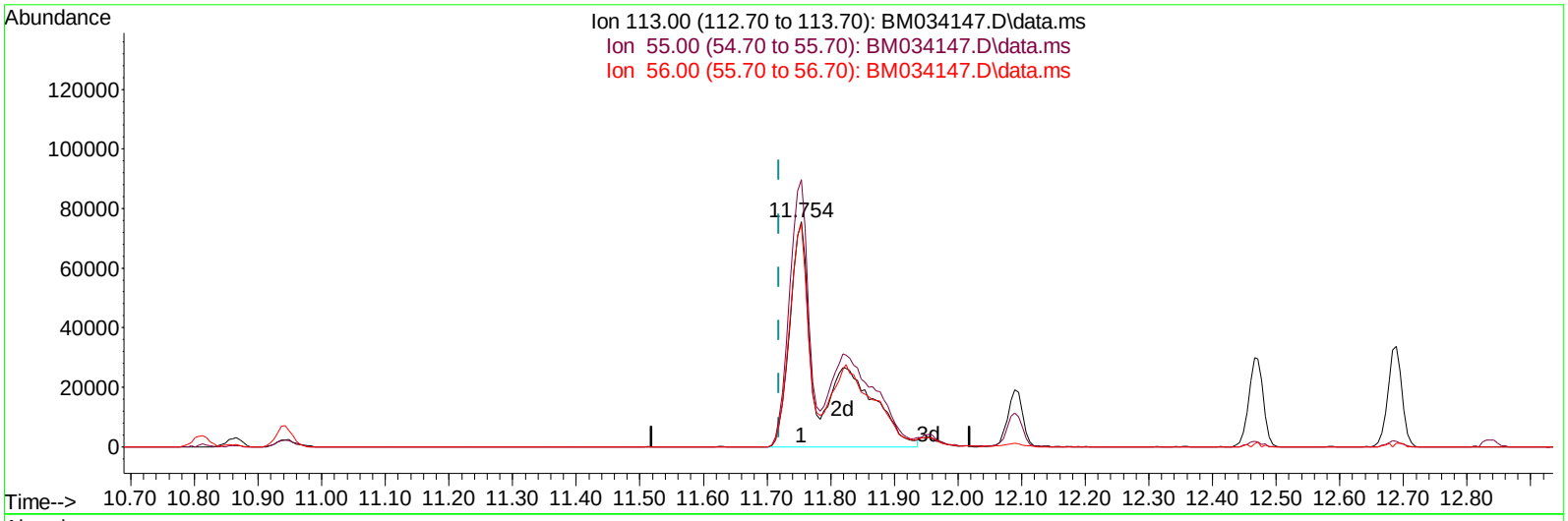

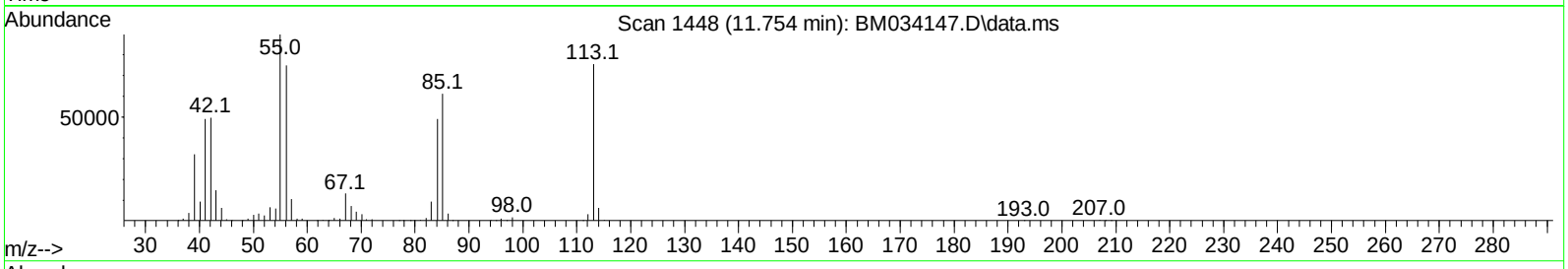

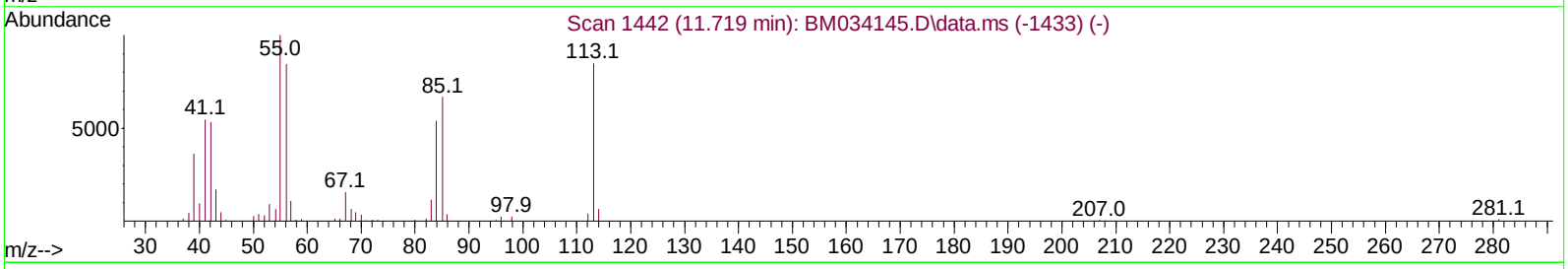

TIC: BM034147.D\data.ms

(34) Caprolactam

11.754min (+ 0.035) 94.10 ng/ul m

response 284119

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.40	118.71#
56.00	164.70	99.09#
0.00	0.00	0.00

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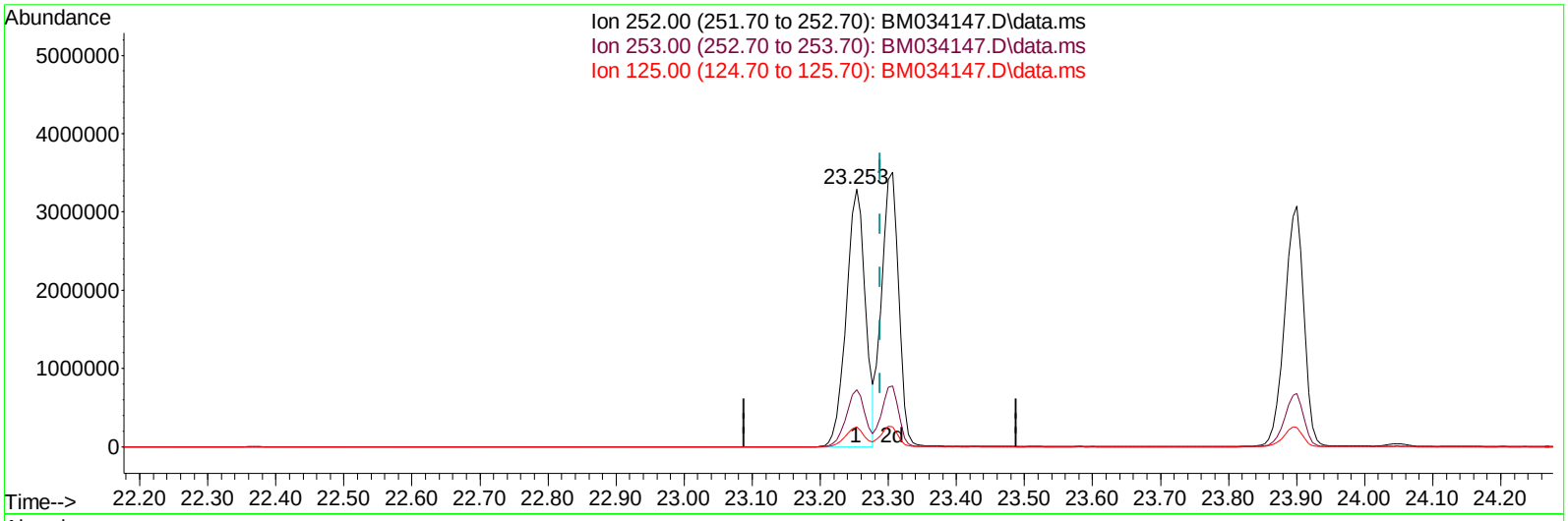

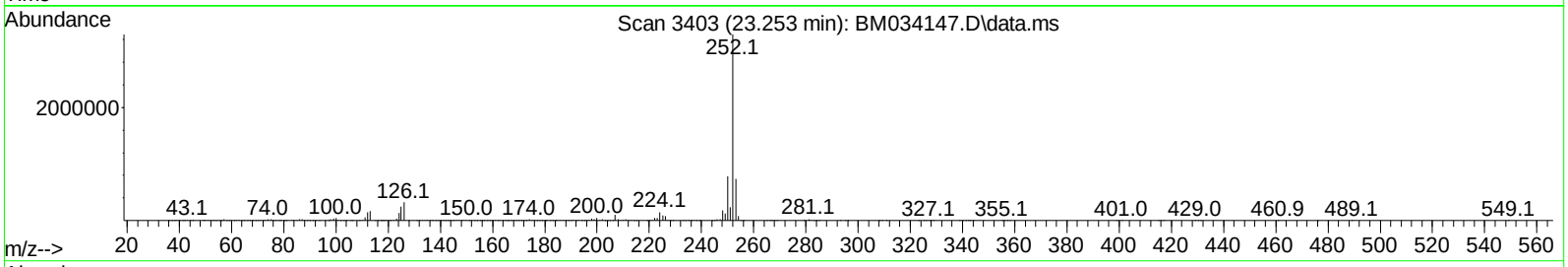

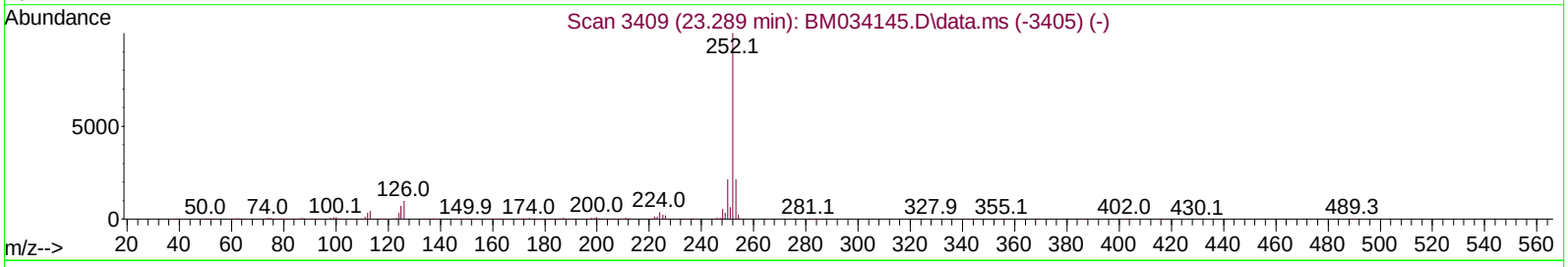

TIC: BM034147.D\data.ms

(91) Benzo(k)fluoranthene

23.253min (-0.035) 90.04 ng/ul

response 6462665

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	22.24
125.00	9.30	7.62
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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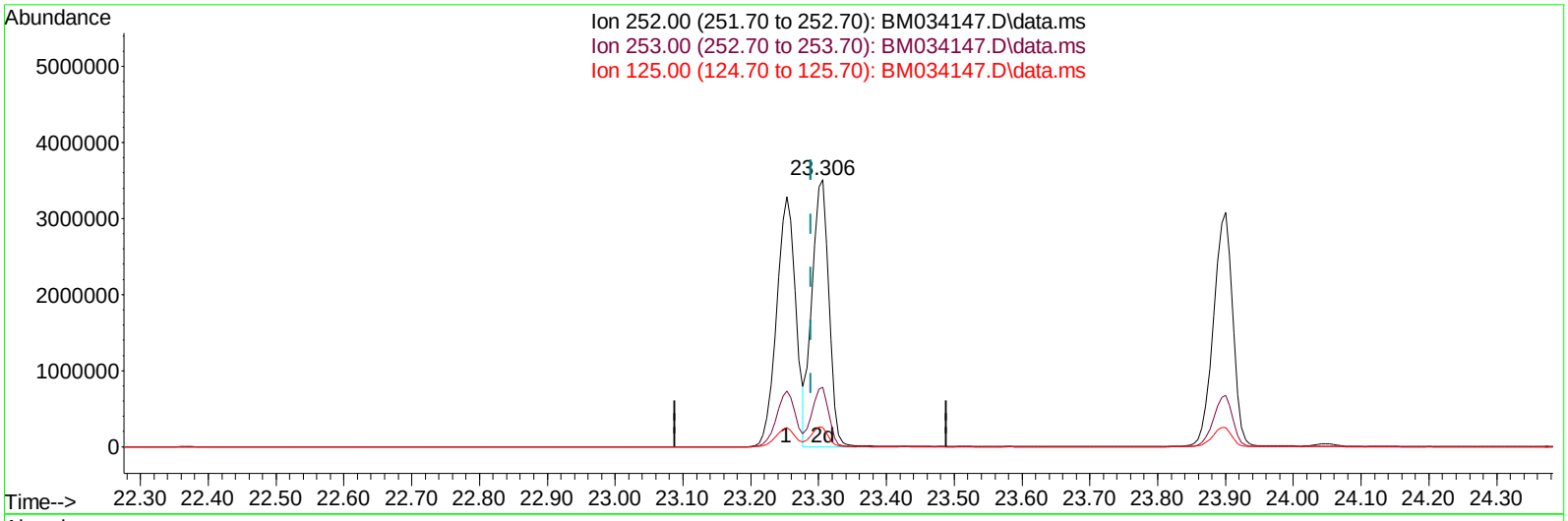

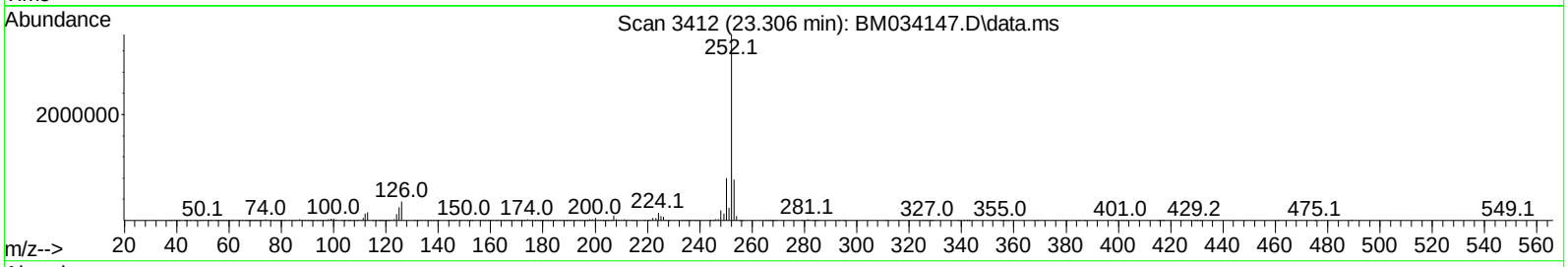

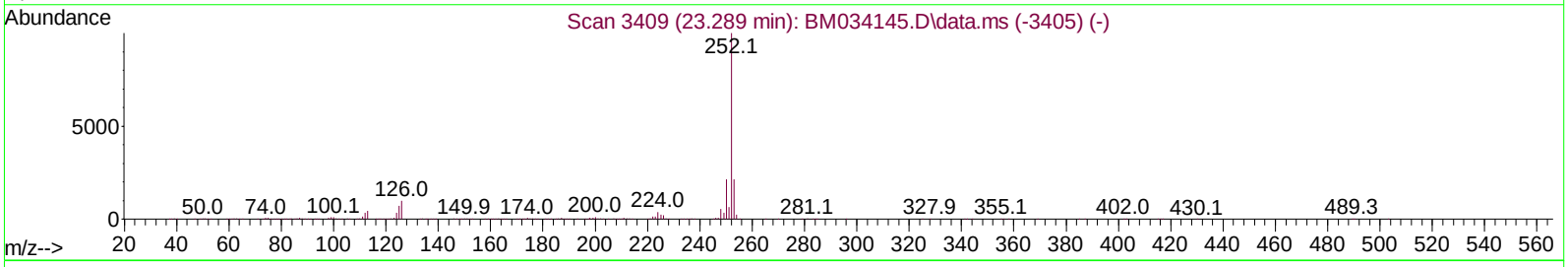

TIC: BM034147.D\data.ms

(91) Benzo(k)fluoranthene

23.306min (+ 0.018) 84.96 ng/ul m

response 6097850

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.00	22.19
125.00	9.30	7.16#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/08/2022
Supervised By :Yogesh Patel 03/09/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.995	152	162644	20.000	ng/ul		0.00
20) Naphthalene-d8	10.813	136	666235	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.630	164	458590	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.371	188	1046412	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.547	240	1227666	20.000	ng/ul		0.00
88) Perylene-d12	23.994	264	1202375	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.372	96	106743	30.260	ng/uL		0.00
4) Pyridine-d5	3.790	84	806391	86.996	ng/ul		0.00
7) Phenol-d5	7.148	99	997588	85.880	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.319	67	511696	79.349	ng/ul		0.00
11) 2-Chlorophenol-d4	7.525	132	849682	84.849	ng/ul		0.00
15) 4-Methylphenol-d8	8.707	113	828487	83.795	ng/ul		0.01
21) Nitrobenzene-d5	9.160	128	421540	83.765	ng/ul		0.00
24) 2-Nitrophenol-d4	9.884	143	487146	85.161	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.431	165	943218	81.479	ng/ul		0.01
31) 4-Chloroaniline-d4	10.942	131	1236591	84.704	ng/ul		0.00
46) Dimethylphthalate-d6	14.042	166	2755399	79.412	ng/ul		0.00
49) Acenaphthylene-d8	14.330	160	3516527	83.214	ng/ul		0.00
54) 4-Nitrophenol-d4	14.824	143	548761	92.333	ng/ul		0.02
60) Fluorene-d10	15.624	176	2433654	81.148	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.742	200	566374	82.905	ng/ul		0.02
73) Anthracene-d10	17.477	188	4048689	80.012	ng/ul		0.01
81) Pyrene-d10	19.759	212	4952570	74.835	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.841	264	5067115	82.694	ng/ul		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.407	88	113568	32.801	ng/uL	#	74
5) Pyridine	3.807	79	800341	84.605	ng/ul	#	69
6) Benzaldehyde	7.125	77	350754	53.173	ng/ul	#	75
8) Phenol	7.178	94	1001748	88.335	ng/ul	#	79
10) Bis(2-Chloroethyl)ether	7.413	93	748888	83.835	ng/ul	#	83
12) 2-Chlorophenol	7.554	128	867287	87.264	ng/ul	#	80
13) 2-Methylphenol	8.437	108	780600	87.586	ng/ul		98
14) 2,2'-oxybis(1-Chloropr...	8.525	45	665782	68.301	ng/ul	#	81
16) Acetophenone	8.825	105	1267795	82.454	ng/ul	#	81
17) N-Nitroso-di-n-propyla...	8.825	70	608632	86.782	ng/ul	#	77
18) 4-Methylphenol	8.772	108	851922	88.137	ng/ul		97
19) Hexachloroethane	9.089	117	346358	83.221	ng/ul	#	62
22) Nitrobenzene	9.201	77	909222	84.228	ng/ul	#	84
23) Isophorone	9.742	82	1710855	85.965	ng/ul	#	91
25) 2-Nitrophenol	9.919	139	516804	87.508	ng/ul	#	71
26) 2,4-Dimethylphenol	9.978	107	982975	83.105	ng/ul		88
27) Bis(2-Chloroethoxy)met...	10.219	93	1018416	84.399	ng/ul	#	97
29) 2,4-Dichlorophenol	10.454	162	909961	81.847	ng/ul		94
30) Naphthalene	10.860	128	2735313	81.925	ng/ul		99
32) 4-Chloroaniline	10.966	127	1255933	87.024	ng/ul		99
33) Hexachlorobutadiene	11.160	225	648727	75.969	ng/ul		97
34) Caprolactam	11.754	113	284119m	94.101	ng/ul		
35) 4-Chloro-3-methylphenol	12.089	107	921318	88.499	ng/ul	#	74

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.472	142	2003040	82.186 ng/ul	99
37) 1-Methylnaphthalene	12.689	142	2026994	82.045 ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.836	216	1224233	80.354 ng/ul#	95
40) Hexachlorocyclopentadiene	12.825	237	854675	82.261 ng/ul	99
41) 2,4,6-Trichlorophenol	13.072	196	811698	87.218 ng/ul	98
42) 2,4,5-Trichlorophenol	13.142	196	893724	87.315 ng/ul	94
43) 1,1'-Biphenyl	13.472	154	2764897	81.794 ng/ul#	97
44) 2-Chloronaphthalene	13.513	162	2184900	83.193 ng/ul	96
45) 2-Nitroaniline	13.713	65	570168	96.437 ng/ul#	60
47) Dimethylphthalate	14.089	163	2777646	82.693 ng/ul	99
48) 2,6-Dinitrotoluene	14.207	165	612893	93.236 ng/ul#	82
50) Acenaphthylene	14.360	152	3498955	84.306 ng/ul	99
51) 3-Nitroaniline	14.530	138	543385	84.986 ng/ul#	76
52) Acenaphthene	14.701	153	2275535	82.618 ng/ul	97
53) 2,4-Dinitrophenol	14.736	184	406373	93.186 ng/ul#	67
55) 4-Nitrophenol	14.842	109	466307	86.196 ng/ul#	71
56) Dibenzofuran	15.030	168	3286463	81.249 ng/ul	93
57) 2,4-Dinitrotoluene	14.989	165	903102	94.548 ng/ul#	65
58) 2,3,4,6-Tetrachlorophenol	15.254	232	790169	89.212 ng/ul#	87
59) Diethylphthalate	15.454	149	2795146	83.352 ng/ul	98
61) Fluorene	15.683	166	2797467	82.925 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.671	204	1469079	81.425 ng/ul	88
63) 4-Nitroaniline	15.695	138	506739	77.463 ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.754	198	572561	85.757 ng/ul#	82
67) N-Nitrosodiphenylamine	15.883	169	2432669	80.064 ng/ul	99
68) 4-Bromophenyl-phenylether	16.565	248	915149	80.160 ng/ul#	88
69) Hexachlorobenzene	16.683	284	1154659	83.392 ng/ul#	87
70) Atrazine	16.836	200	992619	79.604 ng/ul	96
71) Pentachlorophenol	17.024	266	774329	85.880 ng/ul	96
72) Phenanthrene	17.418	178	4602511	81.088 ng/ul	99
74) Anthracene	17.512	178	4711889	81.976 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.442	216	1340968	81.184 ng/uL	97
76) Pentachlorobenzene	14.954	250	1249361	76.464 ng/uL	98
77) Carbazole	17.771	167	4240958	84.660 ng/ul	99
78) Di-n-butylphthalate	18.342	149	4960607	84.939 ng/ul	97
80) Fluoranthene	19.430	202	5863027	76.676 ng/ul#	94
82) Pyrene	19.795	202	5975628	75.650 ng/ul#	92
83) Butylbenzylphthalate	20.683	149	2431558	87.301 ng/ul#	76
84) 3,3'-Dichlorobenzidine	21.459	252	2013227	77.358 ng/ul	97
85) Benzo(a)anthracene	21.530	228	6216389	82.835 ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.459	149	3597318	83.771 ng/ul#	97
87) Chrysene	21.589	228	6040471	81.973 ng/ul	99
89) Di-n-octyl phthalate	22.400	149	6100590	82.443 ng/ul	100
90) Benzo(b)fluoranthene	23.253	252	6462665	84.760 ng/ul#	98
91) Benzo(k)fluoranthene	23.306	252	6097850m	84.955 ng/ul	
93) Benzo(a)pyrene	23.900	252	6100554	83.570 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.571	276	6184055	76.120 ng/ul	99
95) Dibenzo(a,h)anthracene	26.588	278	5365012	76.286 ng/ul	97
96) Benzo(g,h,i)perylene	27.359	276	5100326	74.334 ng/ul#	95

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

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