Quantitation Report (Qedit)

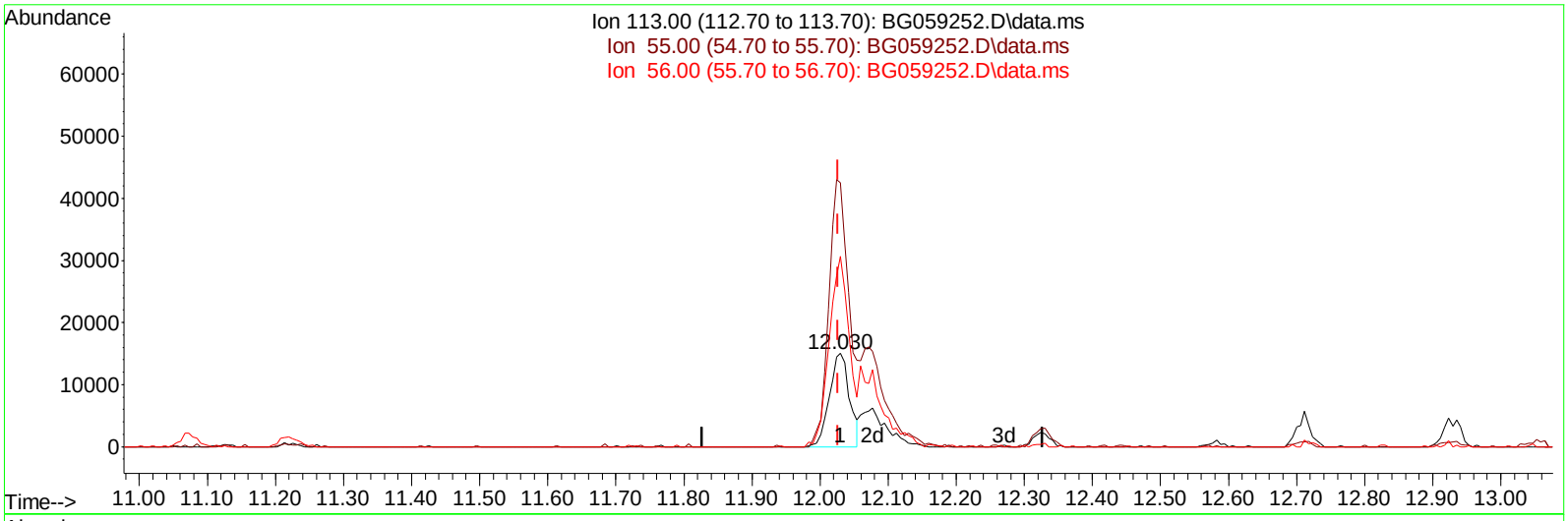
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092823\
Data File : BG059252.D
Acq On : 29 Sep 2023 3:10
Operator : MA/JU
Sample : PB155817BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

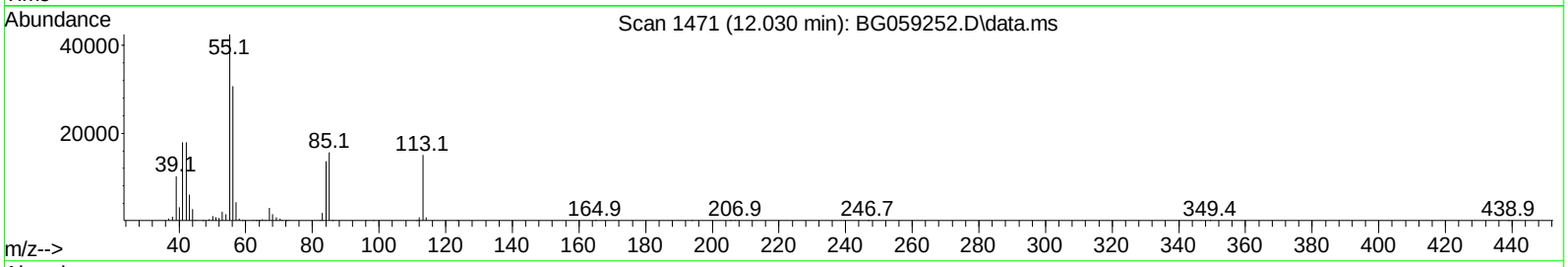
Quant Time: Sep 29 04:32:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

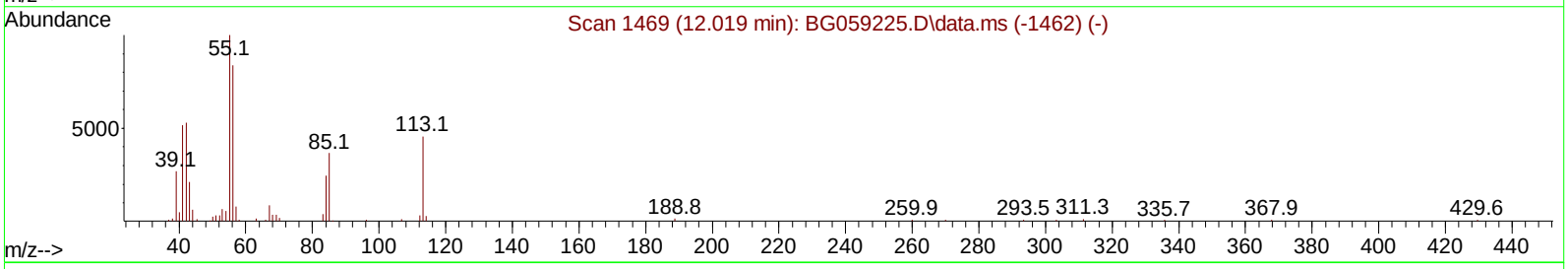
Instrument :
BNA_G
ClientSampleId :
SLCS817

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023







TIC: BG059252.D\data.ms

(34) Caprolactam

12.030min (+ 0.004) 29.96 ng/ul

response 30582

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	264.10	282.42
56.00	209.90	203.83
0.00	0.00	0.00

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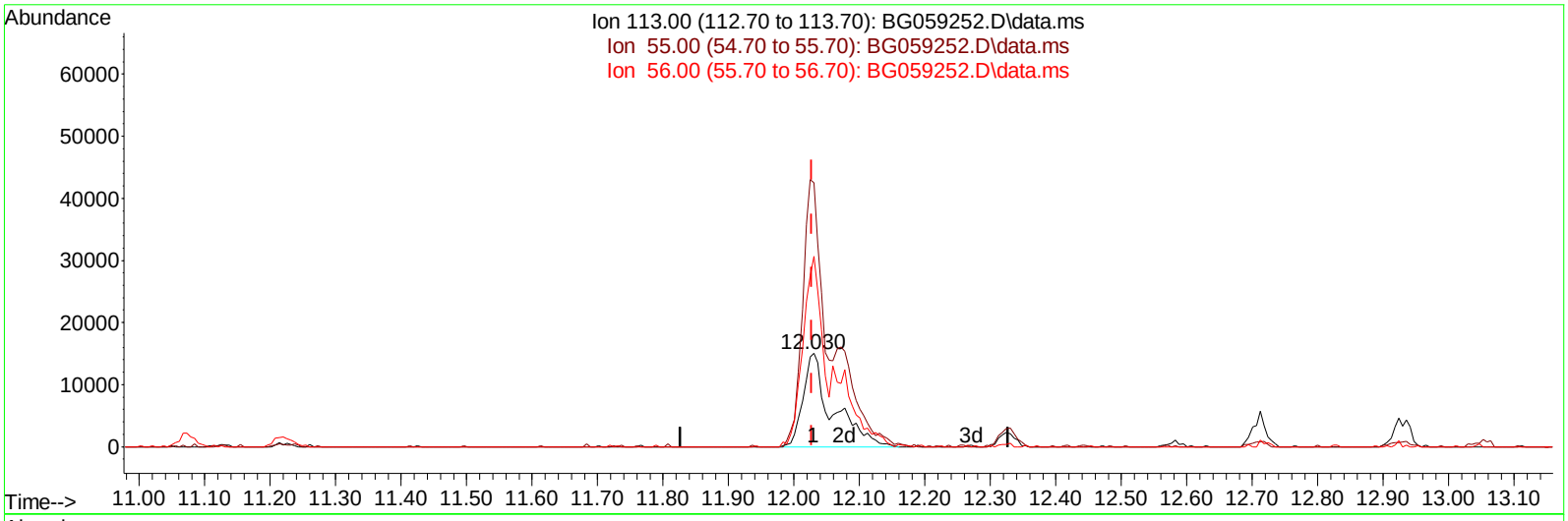

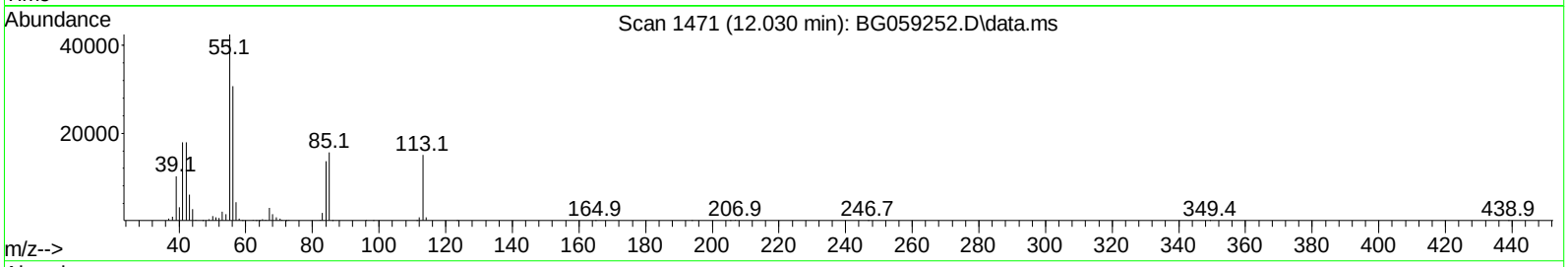

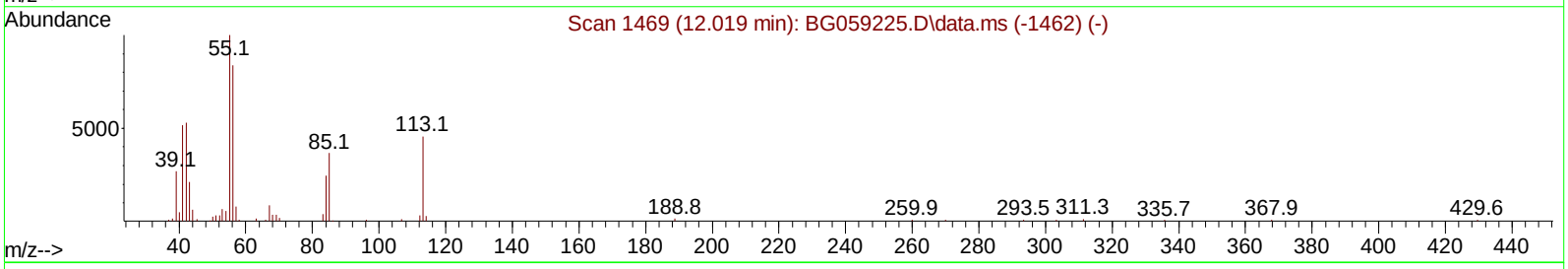

TIC: BG059252.D\data.ms

(34) Caprolactam

12.030min (+ 0.004) 45.82 ng/ul m

response 46767

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	264.10	282.42
56.00	209.90	203.83
0.00	0.00	0.00

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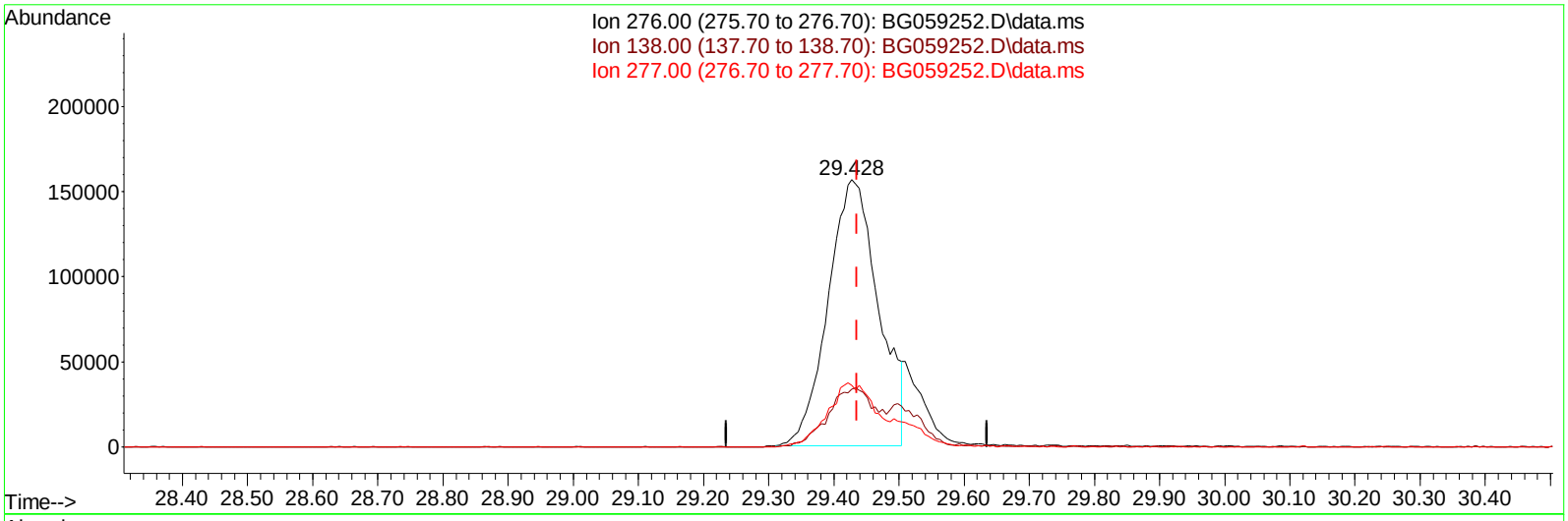

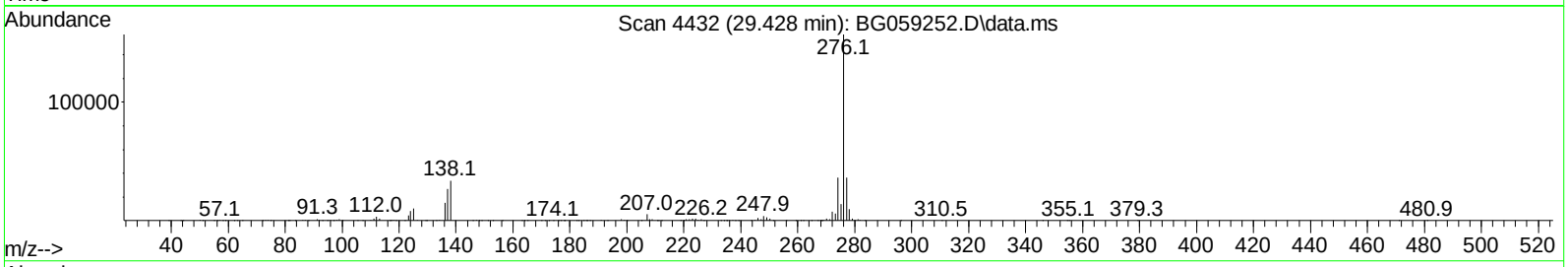

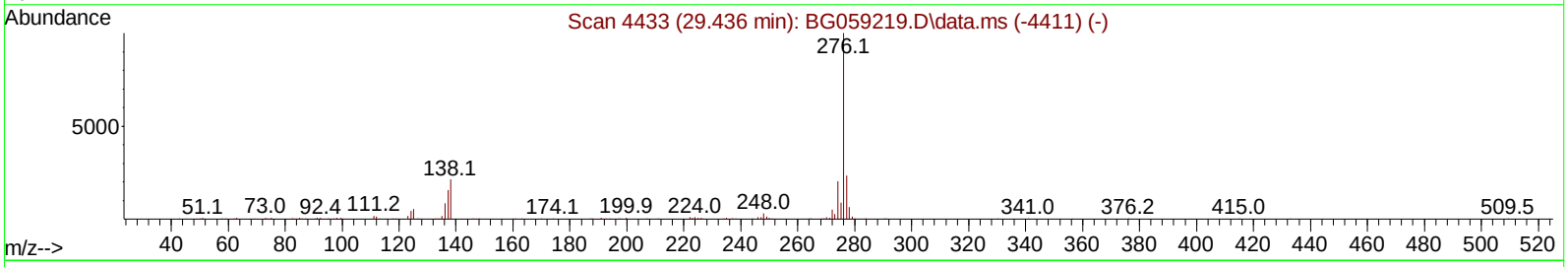

TIC: BG059252.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.428min (-0.008) 40.01 ng/ul

response 843579

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.30	21.54
277.00	23.30	22.97
0.00	0.00	0.00

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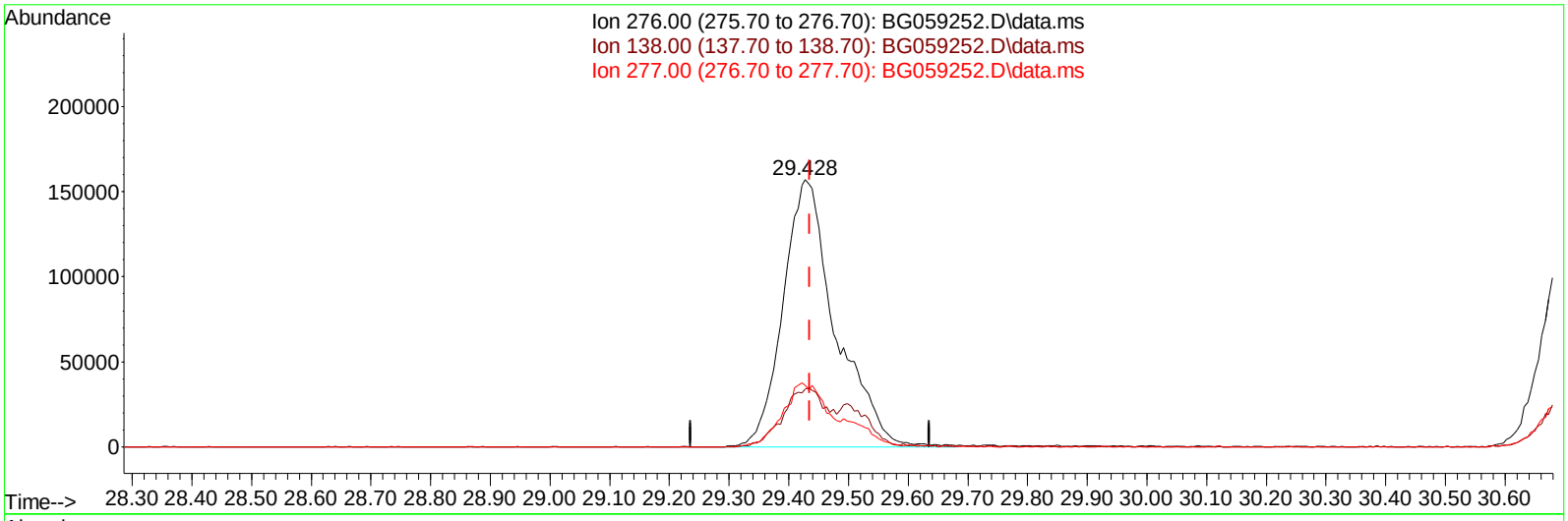

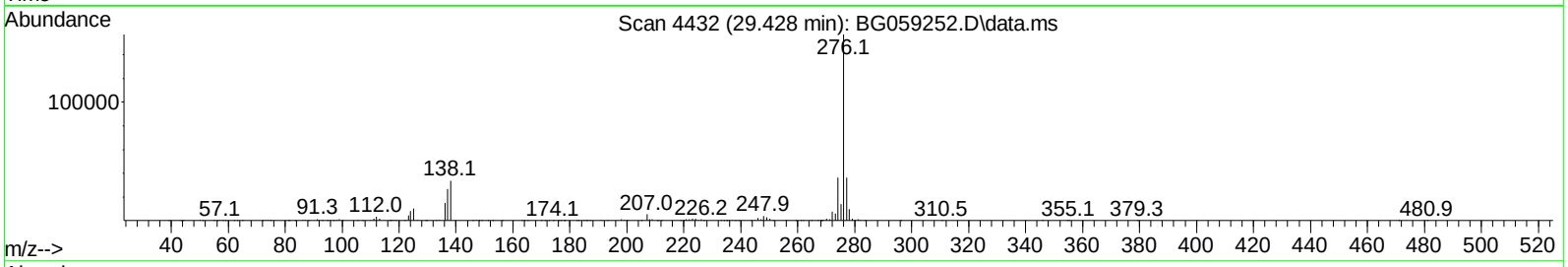

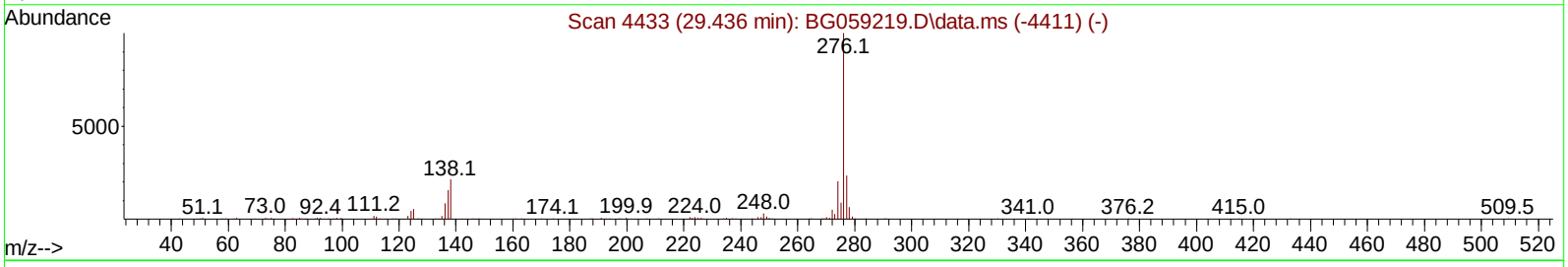

TIC: BG059252.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

29.428min (-0.008) 45.59 ng/ul m

response 961354

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.30	21.54
277.00	23.30	22.97
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/29/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	43078	20.000	ng/ul	0.00
20) Naphthalene-d8	11.073	136	208529	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.868	164	131159	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.618	188	302795	20.000	ng/ul	0.00
79) Chrysene-d12	21.919	240	283247	20.000	ng/ul	0.00
88) Perylene-d12	25.397	264	320578	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.523	96	8738	7.656	ng/uL	0.00
4) Pyridine-d5	3.963	84	129663	38.934	ng/ul	0.00
7) Phenol-d5	7.359	99	188319	43.673	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	110154	39.989	ng/ul	0.00
11) 2-Chlorophenol-d4	7.747	132	134716	46.476	ng/ul	0.00
15) 4-Methylphenol-d8	8.928	113	137397	41.221	ng/ul	0.00
21) Nitrobenzene-d5	9.427	128	72608	49.343	ng/ul	0.00
24) 2-Nitrophenol-d4	10.150	143	76021	52.626	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.679	165	138264	46.592	ng/ul	0.00
31) 4-Chloroaniline-d4	11.219	131	190369	39.650	ng/ul	0.00
46) Dimethylphthalate-d6	14.263	166	421785	44.479	ng/ul	0.00
49) Acenaphthylene-d8	14.568	160	514563	43.231	ng/ul	0.00
54) 4-Nitrophenol-d4	15.062	143	78319	47.296	ng/ul	0.00
60) Fluorene-d10	15.855	176	395393	43.809	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.967	200	74120	47.622	ng/ul	0.00
73) Anthracene-d10	17.718	188	587070	42.551	ng/ul	0.00
81) Pyrene-d10	19.992	212	683640	43.099	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.162	264	685375	44.490	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.564	88	19024	14.187	ng/uL	84
5) Pyridine	3.981	79	124977	36.955	ng/ul	96
6) Benzaldehyde	7.377	77	97918	51.710	ng/ul	94
8) Phenol	7.389	94	190503	44.412	ng/ul#	92
10) Bis(2-Chloroethyl)ether	7.647	93	147551	41.942	ng/ul	90
12) 2-Chlorophenol	7.782	128	139770	45.734	ng/ul	96
13) 2-Methylphenol	8.664	108	134770	41.585	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.740	45	317654	40.844	ng/ul	99
16) Acetophenone	9.075	105	222631	43.127	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.046	70	110712	42.280	ng/ul	97
18) 4-Methylphenol	8.993	108	149722	43.603	ng/ul	95
19) Hexachloroethane	9.316	117	54470	45.241	ng/ul	93
22) Nitrobenzene	9.474	77	162173	44.646	ng/ul	96
23) Isophorone	9.980	82	341058	43.662	ng/ul	99
25) 2-Nitrophenol	10.185	139	81662	51.306	ng/ul	95
26) 2,4-Dimethylphenol	10.209	107	116316	34.177	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.467	93	210734	42.758	ng/ul	99
29) 2,4-Dichlorophenol	10.702	162	138838	47.066	ng/ul	99
30) Naphthalene	11.125	128	484434	43.328	ng/ul	98
32) 4-Chloroaniline	11.243	127	187493	40.837	ng/ul	93
33) Hexachlorobutadiene	11.355	225	84535	42.820	ng/ul	95
34) Caprolactam	12.030	113	46767m	45.820	ng/ul	
35) 4-Chloro-3-methylphenol	12.324	107	148970	47.331	ng/ul	96

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.712	142	316171	43.166	ng/ul	98
37) 1-Methylnaphthalene	12.929	142	319173	42.935	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	13.053	216	165118	42.050	ng/ul	97
40) Hexachlorocyclopentadiene	13.011	237	84160	34.745	ng/ul	95
41) 2,4,6-Trichlorophenol	13.299	196	115030	47.848	ng/ul	95
42) 2,4,5-Trichlorophenol	13.370	196	121991	48.359	ng/ul	96
43) 1,1'-Biphenyl	13.705	154	462027	43.618	ng/ul	99
44) 2-Chloronaphthalene	13.758	162	350581	43.959	ng/ul	98
45) 2-Nitroaniline	13.975	65	115084	51.158	ng/ul	99
47) Dimethylphthalate	14.310	163	442096	45.517	ng/ul	100
48) 2,6-Dinitrotoluene	14.457	165	89351	54.087	ng/ul	92
50) Acenaphthylene	14.598	152	560712	44.134	ng/ul	100
51) 3-Nitroaniline	14.798	138	96824	54.294	ng/ul#	98
52) Acenaphthene	14.933	153	381164	43.708	ng/ul	96
53) 2,4-Dinitrophenol	14.986	184	42078	45.821	ng/ul	87
55) 4-Nitrophenol	15.074	109	58053	49.698	ng/ul	97
56) Dibenzofuran	15.268	168	518989	44.897	ng/ul	97
57) 2,4-Dinitrotoluene	15.232	165	126374	51.664	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.473	232	110734	48.489	ng/ul#	95
59) Diethylphthalate	15.655	149	434828	46.309	ng/ul	96
61) Fluorene	15.914	166	435966	44.917	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.896	204	215382	44.515	ng/ul	96
63) 4-Nitroaniline	15.961	138	96511	58.806	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.984	198	82984	50.566	ng/ul#	86
67) N-Nitrosodiphenylamine	16.114	169	354748	43.951	ng/ul	99
68) 4-Bromophenyl-phenylether	16.789	248	133757	45.598	ng/ul	97
69) Hexachlorobenzene	16.883	284	150446	45.398	ng/ul	96
70) Atrazine	17.048	200	129565	42.216	ng/ul	96
71) Pentachlorophenol	17.242	266	86867	45.545	ng/ul	92
72) Phenanthrene	17.659	178	743341	44.733	ng/ul	99
74) Anthracene	17.753	178	729372	42.508	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.664	216	166725	41.784	ng/uL	94
76) Pentachlorobenzene	15.156	250	154115	39.116	ng/uL	95
77) Carbazole	18.029	167	652752	46.677	ng/ul	98
78) Di-n-butylphthalate	18.534	149	787026	47.476	ng/ul	99
80) Fluoranthene	19.651	202	868305	44.436	ng/ul	97
82) Pyrene	20.021	202	908681	43.903	ng/ul	99
83) Butylbenzylphthalate	20.873	149	347325	47.586	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.813	252	294036	44.825	ng/ul	99
85) Benzo(a)anthracene	21.895	228	871324	43.699	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.731	149	524472	47.321	ng/ul#	96
87) Chrysene	21.972	228	820821	43.587	ng/ul	99
89) Di-n-octyl phthalate	23.023	149	888861	47.674	ng/ul	100
90) Benzo(b)fluoranthene	24.275	252	897027	45.685	ng/ul	99
91) Benzo(k)fluoranthene	24.351	252	921382	46.313	ng/ul	99
93) Benzo(a)pyrene	25.238	252	854947	45.900	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.428	276	961354m	45.594	ng/ul	
95) Dibenzo(a,h)anthracene	29.504	278	795816	46.412	ng/ul	100
96) Benzo(g,h,i)perylene	30.708	276	783175	45.682	ng/ul	96

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

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