Quantitation Report (Qedit)

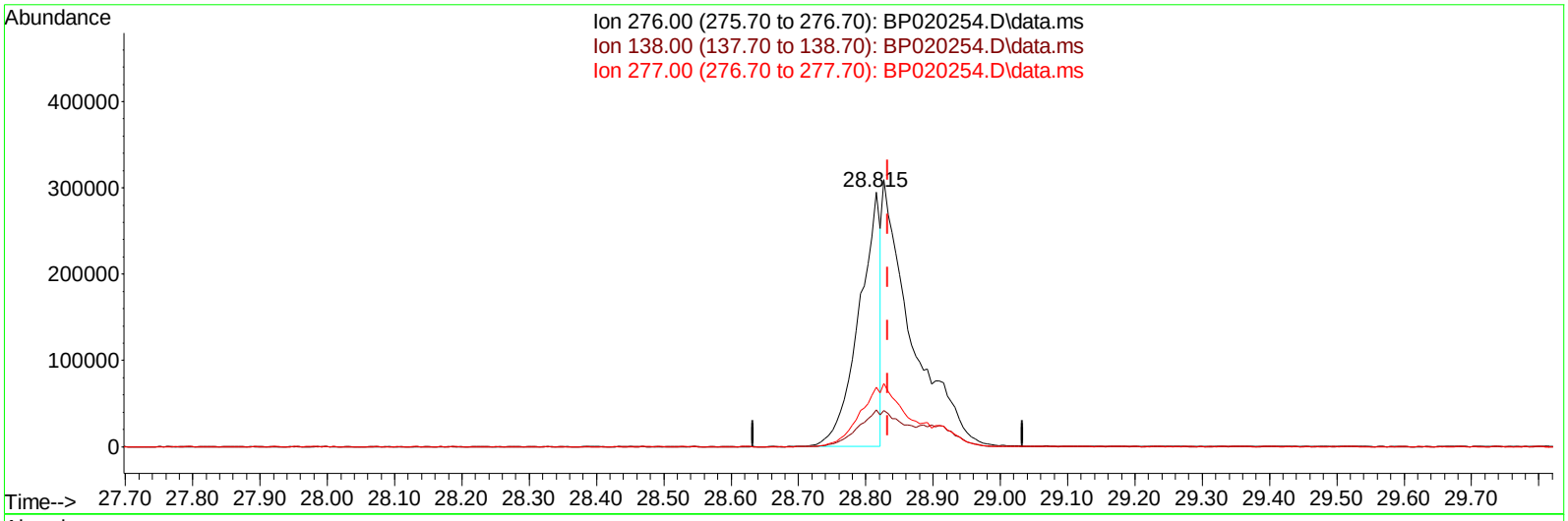
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020254.D
Acq On : 09 May 2024 02:41
Operator : MA/JU
Sample : P2369-20MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

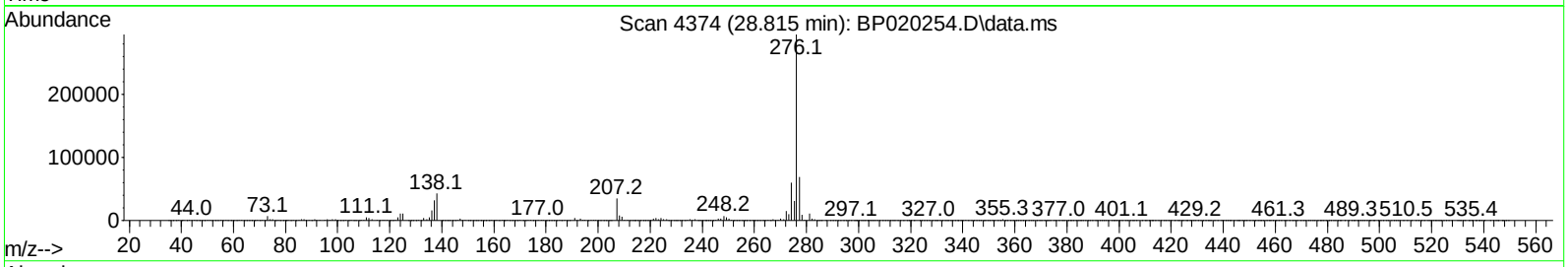
Quant Time: May 09 03:21:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 08 22:57:55 2024
Response via : Initial Calibration

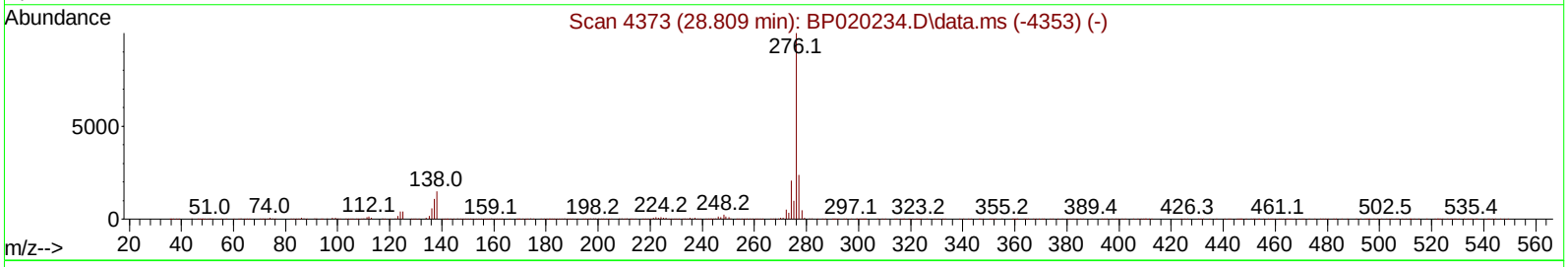
Instrument :
BNA_P
ClientSampleId :
A43P4MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/09/2024
Supervised By :mohammad ahmed 05/11/2024







TIC: BP020254.D\data.ms

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

28.815min (-0.018) 14.82 ng/ul

response 654361

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	14.47
277.00	23.70	23.40
0.00	0.00	0.00

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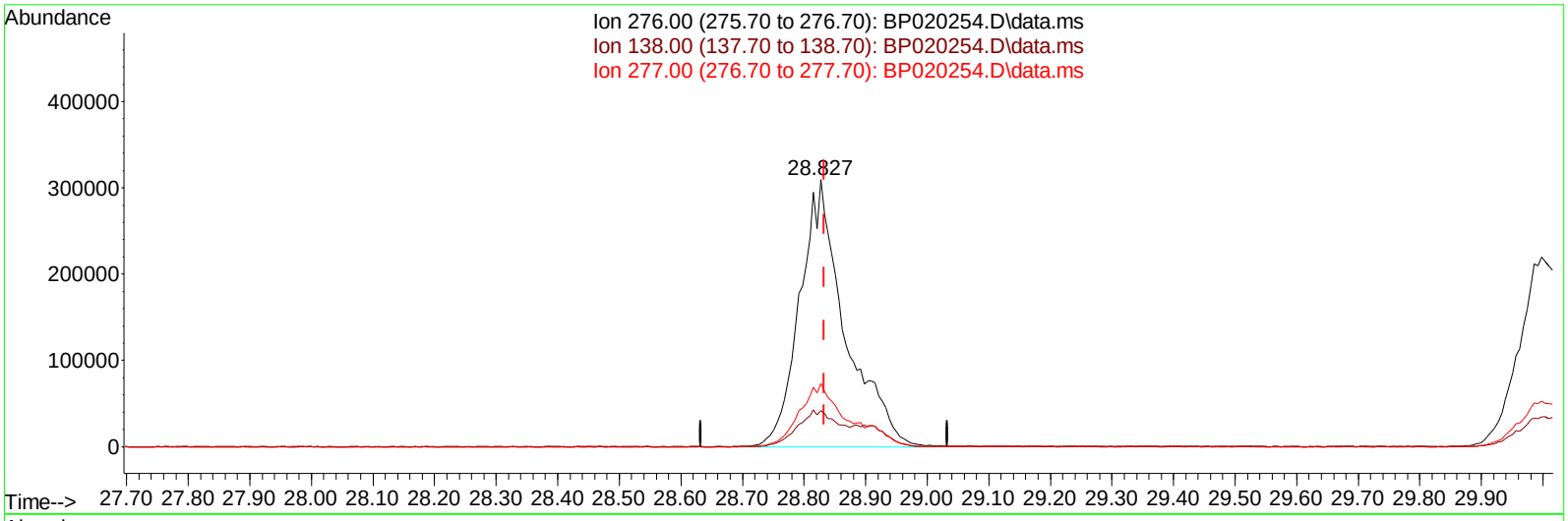

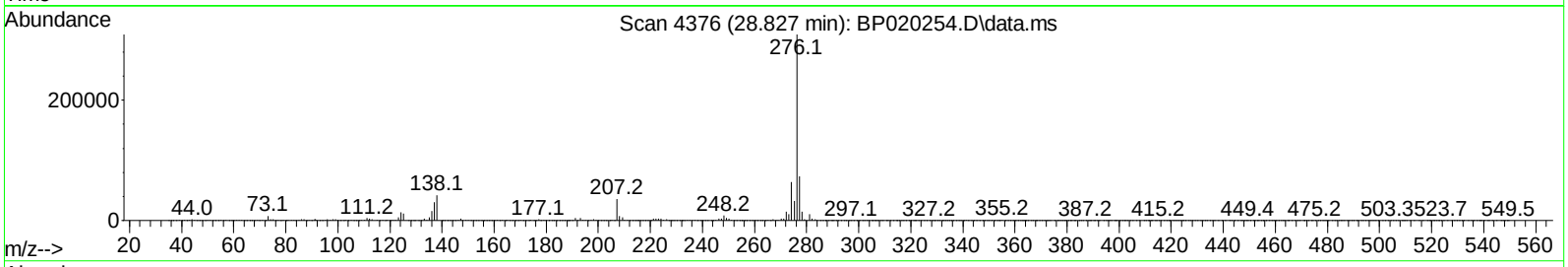

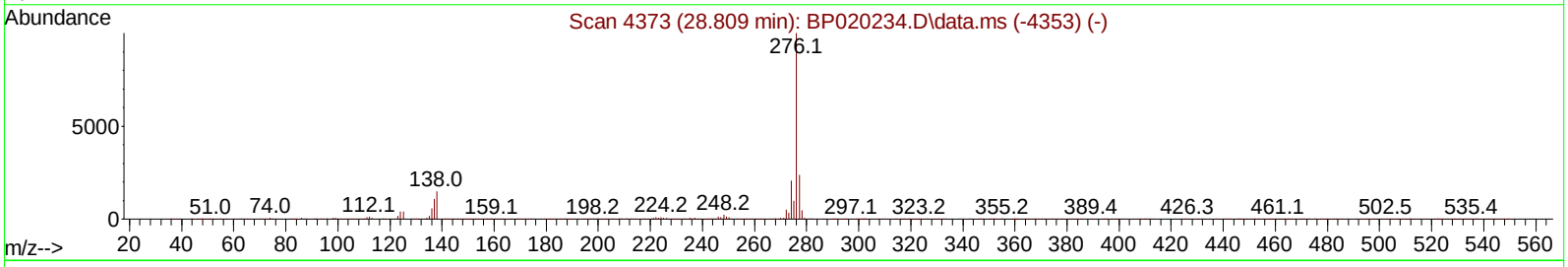

TIC: BP020254.D\data.ms

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

28.827min (-0.006) 35.82 ng/ul m

response 1582064

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	15.40	13.67
277.00	23.70	23.65
0.00	0.00	0.00

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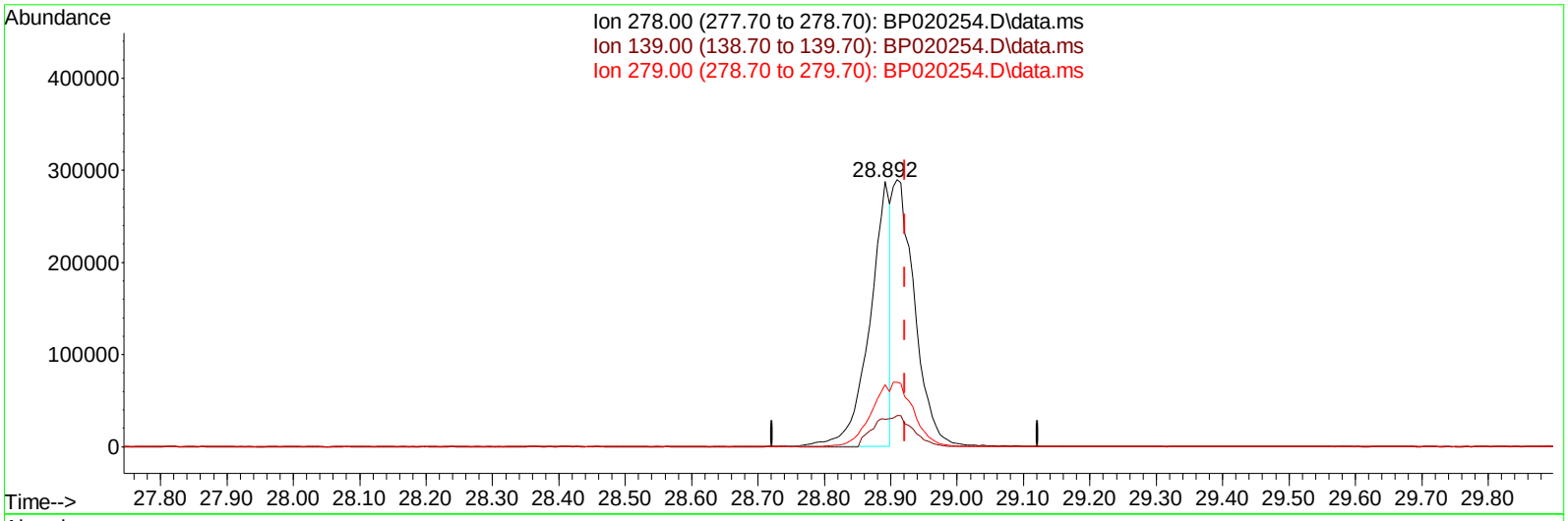

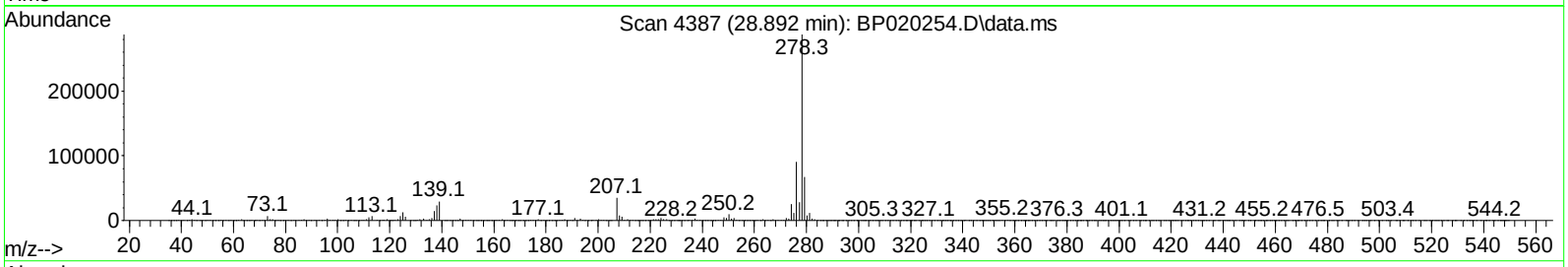

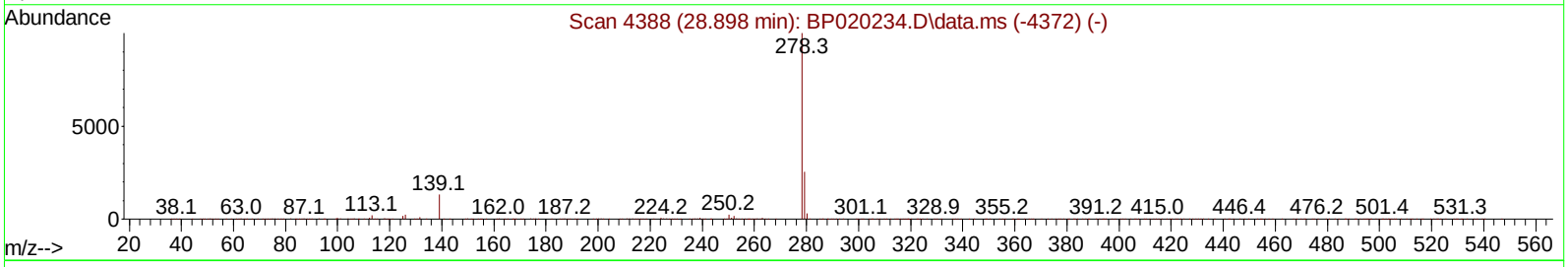

TIC: BP020254.D\data.ms

(95) Dibenzo(a,h)anthracene

28.892min (-0.029) 16.61 ng/ul

response 606959

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.70	10.33
279.00	24.10	23.37
0.00	0.00	0.00

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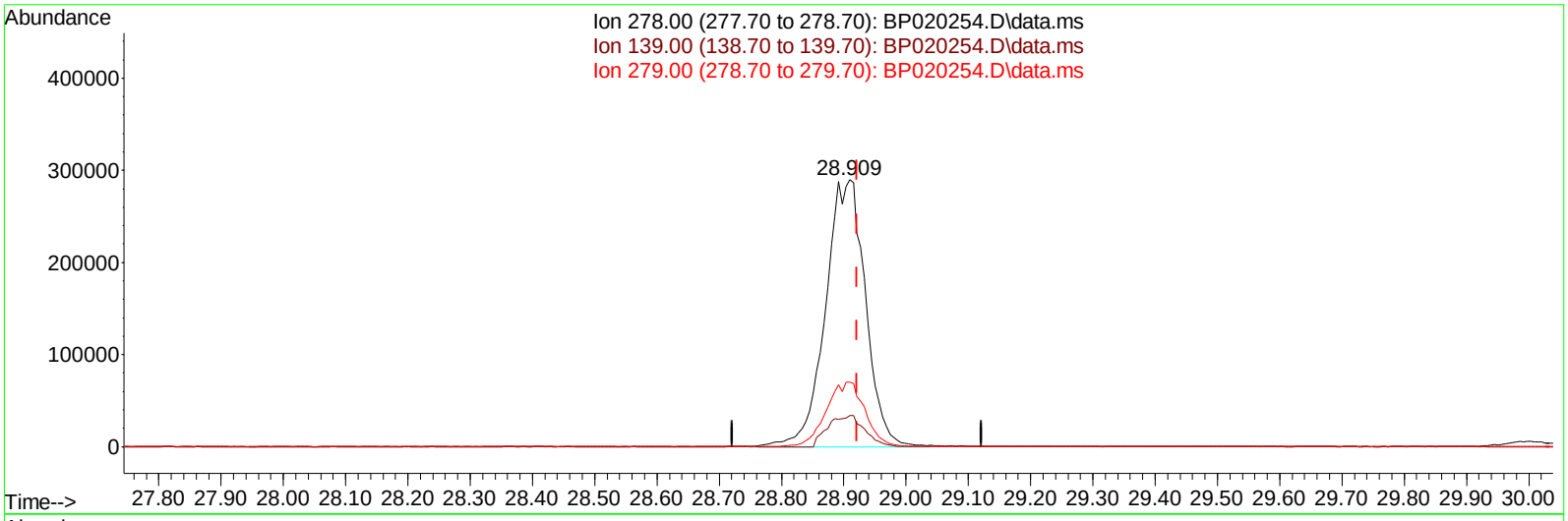

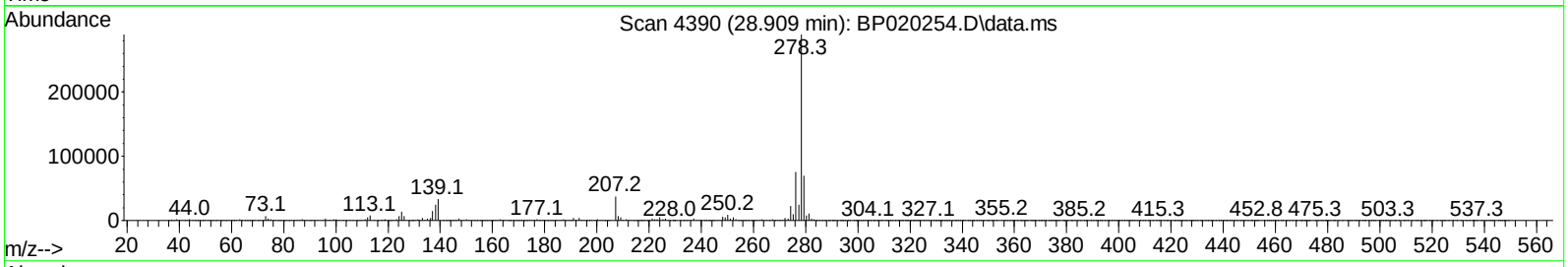

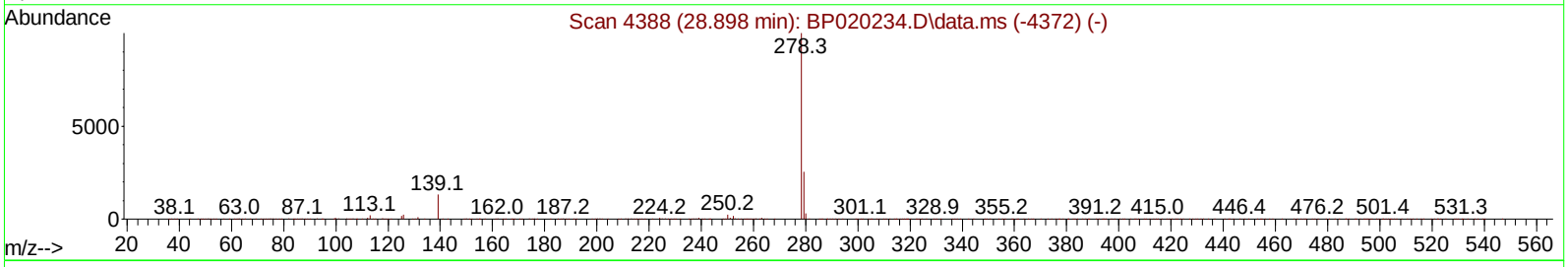

TIC: BP020254.D\data.ms

(95) Dibenzo(a,h)anthracene

28.909min (-0.012) 35.42 ng/ul m

response 1294115

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	12.70	11.66
279.00	24.10	24.17
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	7.622	152	111768	20.000	ng/ul	0.00
20) Naphthalene-d8	10.393	136	495980	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	359299	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.140	188	790373	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	663840	20.000	ng/ul	0.00
88) Perylene-d12	24.998	264	636538	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	12266	4.635	ng/uL	0.00
4) Pyridine-d5	3.611	84	213011	27.701	ng/ul	0.00
7) Phenol-d5	6.811	99	312133	32.519	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	181164	31.070	ng/ul	0.00
11) 2-Chlorophenol-d4	7.158	132	237575	34.623	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	260376	33.553	ng/ul	0.01
21) Nitrobenzene-d5	8.781	128	126236	33.989	ng/ul	0.00
24) 2-Nitrophenol-d4	9.493	143	150087	35.288	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	282479	36.396	ng/ul	0.00
31) 4-Chloroaniline-d4	10.552	131	340974	31.390	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	887659	33.831	ng/ul	0.00
49) Acenaphthylene-d8	13.987	160	989449	34.137	ng/ul	0.00
54) 4-Nitrophenol-d4	14.546	143	134747	33.414	ng/ul	0.00
60) Fluorene-d10	15.322	176	749660	34.255	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	129150	25.750	ng/ul	0.00
73) Anthracene-d10	17.245	188	1213224	35.483	ng/ul	0.00
81) Pyrene-d10	19.645	212	1418694	36.560	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.786	264	1077486	35.009	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	34142	11.369	ng/uL	93
5) Pyridine	3.634	79	254426	32.712	ng/ul	93
6) Benzaldehyde	6.793	77	208757	43.269	ng/ul	99
8) Phenol	6.834	94	363311	36.672	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.069	93	263851	34.036	ng/ul	99
12) 2-Chlorophenol	7.193	128	265167	37.013	ng/ul	94
13) 2-Methylphenol	8.069	108	267370	36.181	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.140	45	316845	32.764	ng/ul	98
16) Acetophenone	8.452	105	462029	35.873	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.434	70	251245	35.947	ng/ul	95
18) 4-Methylphenol	8.399	108	301662	37.557	ng/ul	99
19) Hexachloroethane	8.669	117	109980	33.570	ng/ul	91
22) Nitrobenzene	8.822	77	352313	33.044	ng/ul	98
23) Isophorone	9.346	82	690493	33.680	ng/ul	99
25) 2-Nitrophenol	9.528	139	170373	38.673	ng/ul	92
26) 2,4-Dimethylphenol	9.587	107	350886	36.507	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.828	93	377939	33.252	ng/ul	99
29) 2,4-Dichlorophenol	10.058	162	292214	38.707	ng/ul	100
30) Naphthalene	10.446	128	888488	34.754	ng/ul	99
32) 4-Chloroaniline	10.575	127	351039	33.047	ng/ul	98
33) Hexachlorobutadiene	10.705	225	203695	34.738	ng/ul	98
34) Caprolactam	11.399	113	101497	38.504	ng/ul	89
35) 4-Chloro-3-methylphenol	11.710	107	358569	38.147	ng/ul	100

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.069	142	652162	36.664	ng/ul	95
37) 1-Methylnaphthalene	12.293	142	657409	36.728	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.440	216	405908	36.224	ng/ul	99
40) Hexachlorocyclopentadiene	12.399	237	131808	21.628	ng/ul	98
41) 2,4,6-Trichlorophenol	12.699	196	269676	38.376	ng/ul	98
42) 2,4,5-Trichlorophenol	12.781	196	290040	38.357	ng/ul	97
43) 1,1'-Biphenyl	13.104	154	876338	34.484	ng/ul	100
44) 2-Chloronaphthalene	13.151	162	708796	35.149	ng/ul	99
45) 2-Nitroaniline	13.381	65	247387	36.985	ng/ul	98
47) Dimethylphthalate	13.763	163	924303	34.876	ng/ul	99
48) 2,6-Dinitrotoluene	13.898	165	198686	37.711	ng/ul	98
50) Acenaphthylene	14.010	152	1126076	34.542	ng/ul	99
51) 3-Nitroaniline	14.240	138	188830	38.427	ng/ul	97
52) Acenaphthene	14.357	153	743178	33.922	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	78164	24.170	ng/ul	94
55) 4-Nitrophenol	14.563	109	155333	36.997	ng/ul	94
56) Dibenzofuran	14.704	168	1077181	35.750	ng/ul	98
57) 2,4-Dinitrotoluene	14.710	165	289826	38.261	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.951	232	262533	38.663	ng/ul	97
59) Diethylphthalate	15.169	149	941149	35.574	ng/ul	100
61) Fluorene	15.375	166	905083	36.151	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.375	204	485365	36.543	ng/ul	94
63) 4-Nitroaniline	15.440	138	183693	44.856	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.498	198	145170	27.758	ng/ul	97
67) N-Nitrosodiphenylamine	15.604	169	773852	35.164	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	308998	36.093	ng/ul	94
69) Hexachlorobenzene	16.404	284	355027	35.804	ng/ul	94
70) Atrazine	16.604	200	309043	39.604	ng/ul	99
71) Pentachlorophenol	16.781	266	226421	37.778	ng/ul	98
72) Phenanthrene	17.187	178	1416293	35.121	ng/ul	99
74) Anthracene	17.281	178	1451583	35.391	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	392810	33.440	ng/uL	99
76) Pentachlorobenzene	14.616	250	414823	35.289	ng/uL	97
77) Carbazole	17.575	167	1282792	36.305	ng/ul	99
78) Di-n-butylphthalate	18.175	149	1655146	38.646	ng/ul	99
80) Fluoranthene	19.298	202	1748632	38.291	ng/ul	99
82) Pyrene	19.675	202	1801500	37.914	ng/ul	99
83) Butylbenzylphthalate	20.651	149	746684	41.397	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.557	252	392234	29.032	ng/ul	97
85) Benzo(a)anthracene	21.616	228	1607655	35.705	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.563	149	1087383	41.789	ng/ul#	97
87) Chrysene	21.680	228	1524099	36.522	ng/ul	99
89) Di-n-octyl phthalate	22.869	149	1766527	43.334	ng/ul	100
90) Benzo(b)fluoranthene	23.945	252	1404063	37.081	ng/ul	99
91) Benzo(k)fluoranthene	24.021	252	1372779	35.575	ng/ul	100
93) Benzo(a)pyrene	24.851	252	1148728	31.884	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.827	276	1582064m	35.820	ng/ul	
95) Dibenzo(a,h)anthracene	28.909	278	1294115m	35.425	ng/ul	
96) Benzo(g,h,i)perylene	29.998	276	1202234	33.750	ng/ul	99

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

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