Quantitation Report (Qedit)

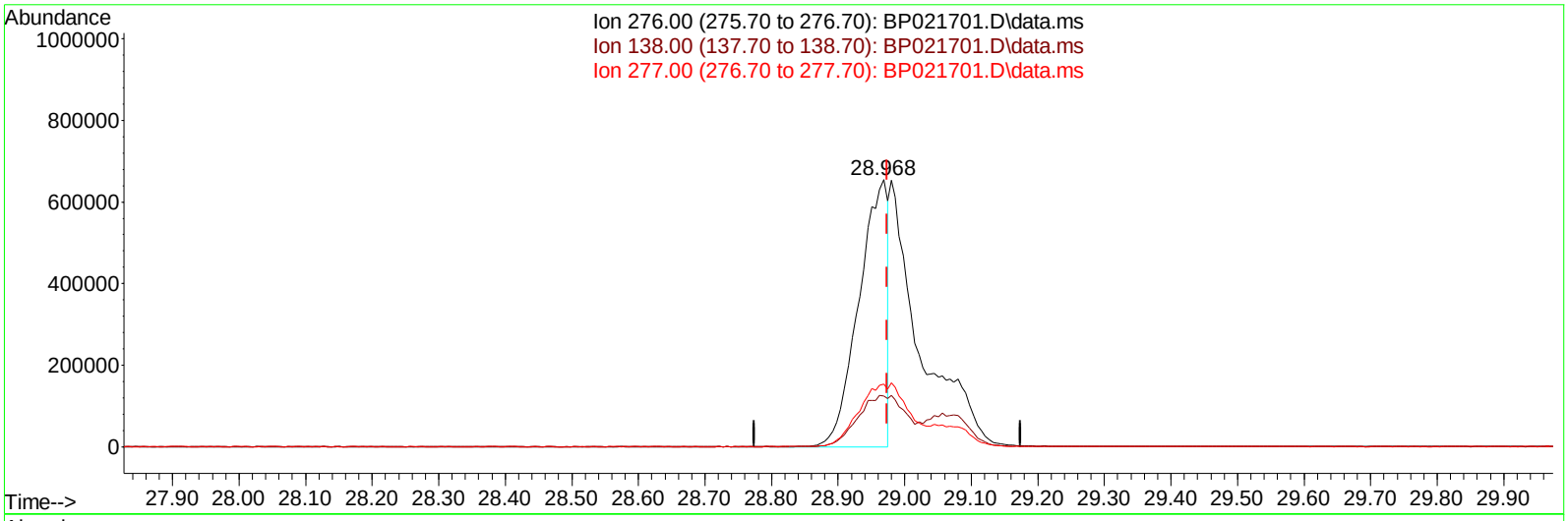
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082624\
Data File : BP021701.D
Acq On : 28 Aug 2024 13:15
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 33 Sample Multiplier: 1

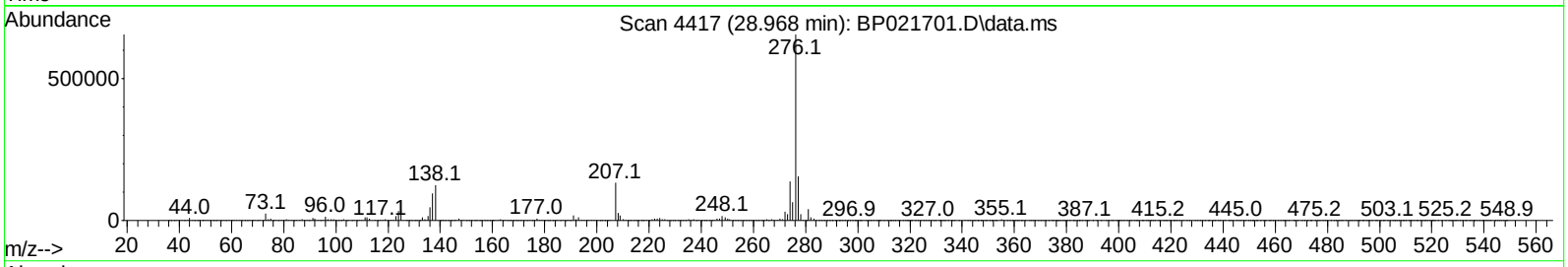
Quant Time: Aug 28 15:17:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 05:11:38 2024
Response via : Initial Calibration

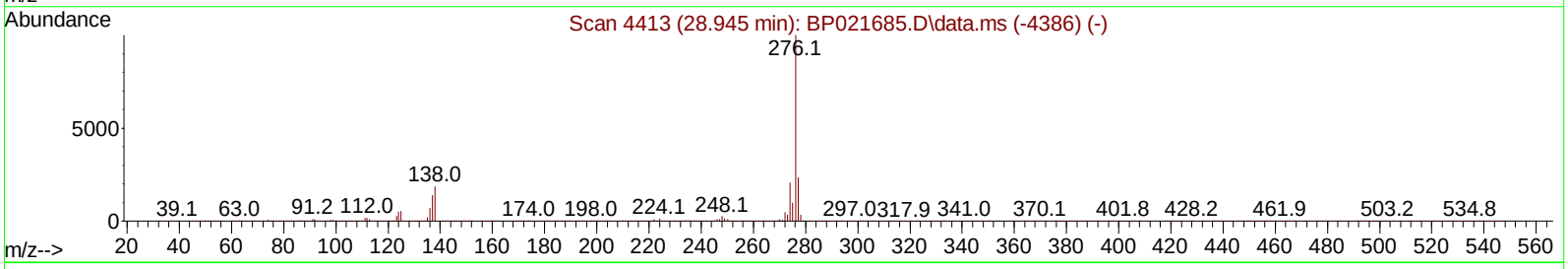
Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/28/2024
Supervised By :mohammad ahmed 08/29/2024







TIC: BP021701.D\data.ms

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

28.968min (-0.006) 9.86 ng/ul

response 1965914

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	19.10
277.00	23.80	23.58
0.00	0.00	0.00

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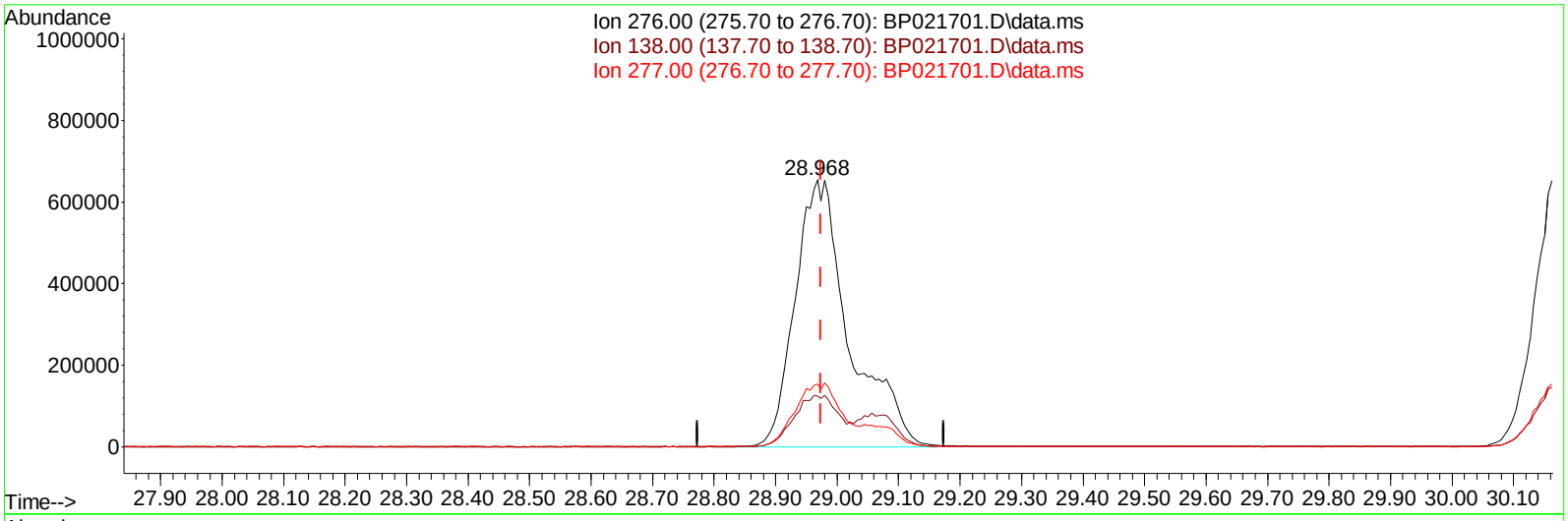

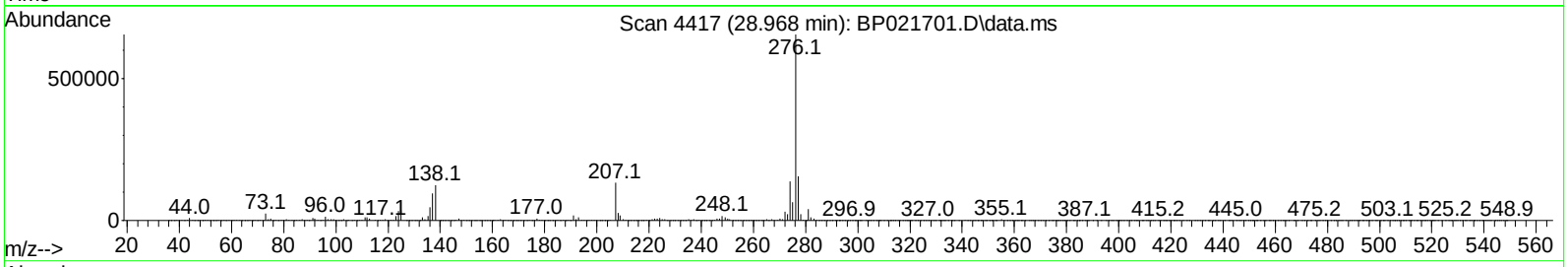

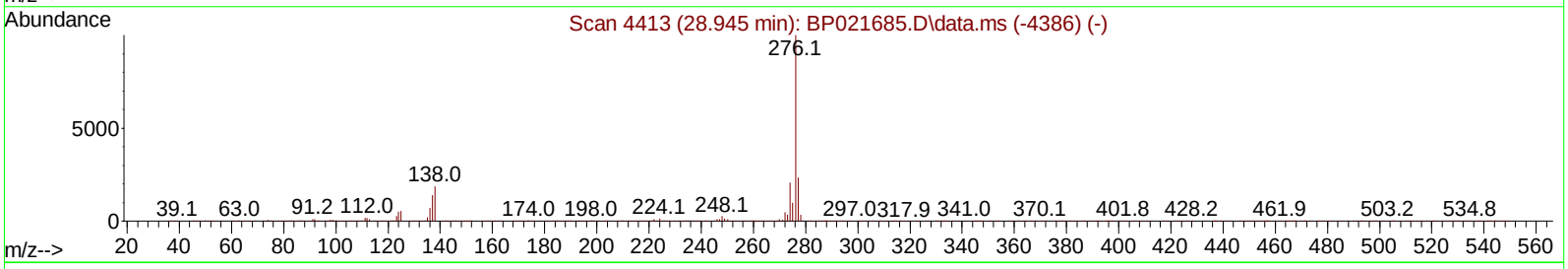

TIC: BP021701.D\data.ms

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

28.968min (-0.006) 20.13 ng/ul m

response 4015315

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	19.10
277.00	23.80	23.58
0.00	0.00	0.00

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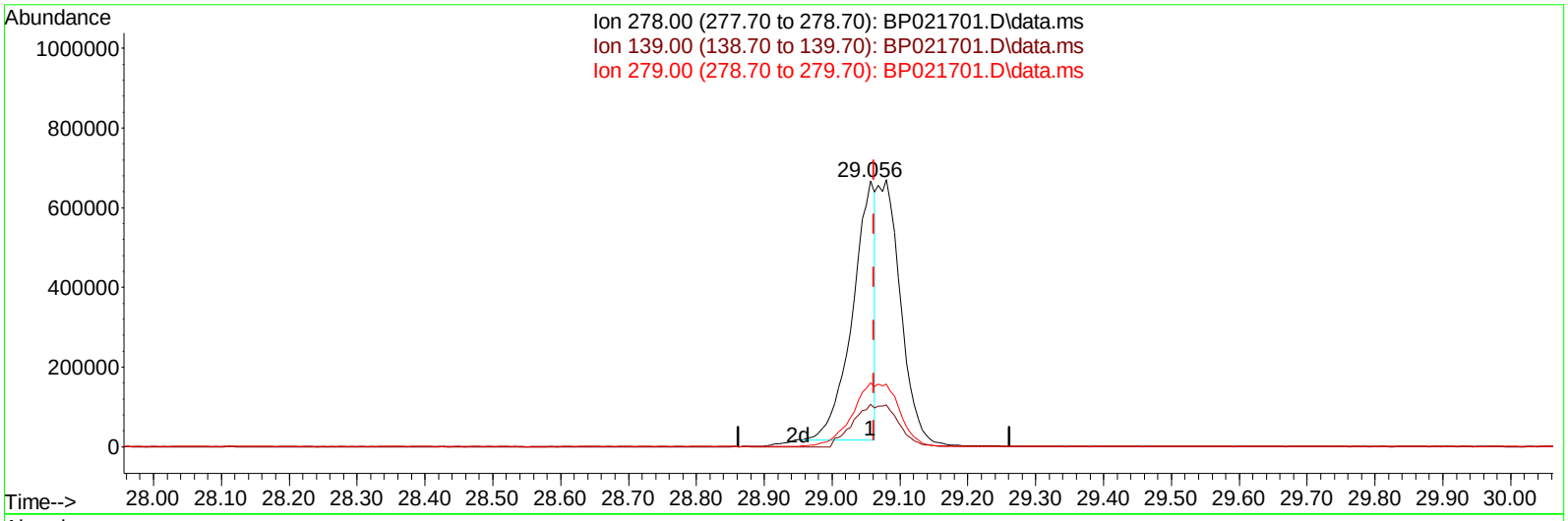

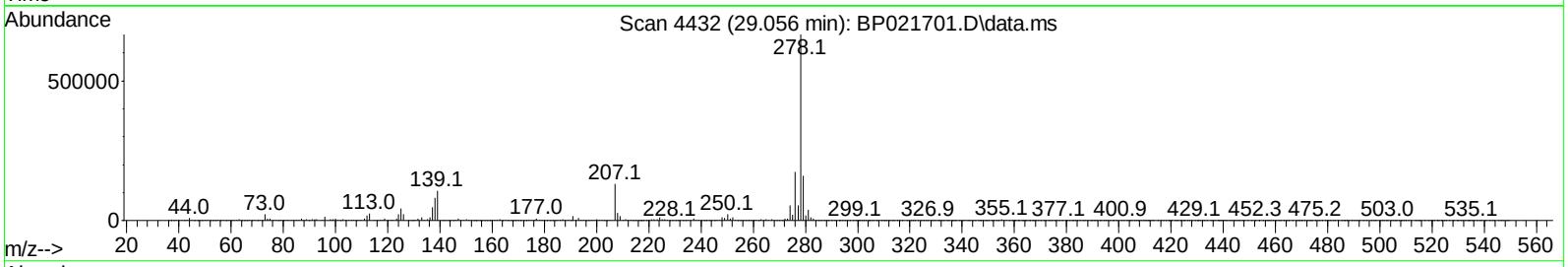

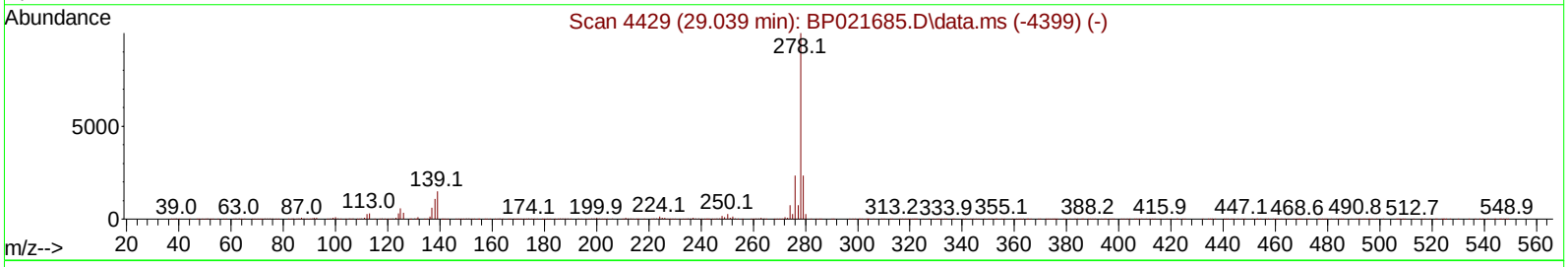

TIC: BP021701.D\data.ms

(95) Dibenzo(a,h)anthracene

29.056min (-0.006) 9.44 ng/ul

response 1512056

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	15.90
279.00	23.60	24.16
0.00	0.00	0.00

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Sample : SSTDCCC020EC
Misc :
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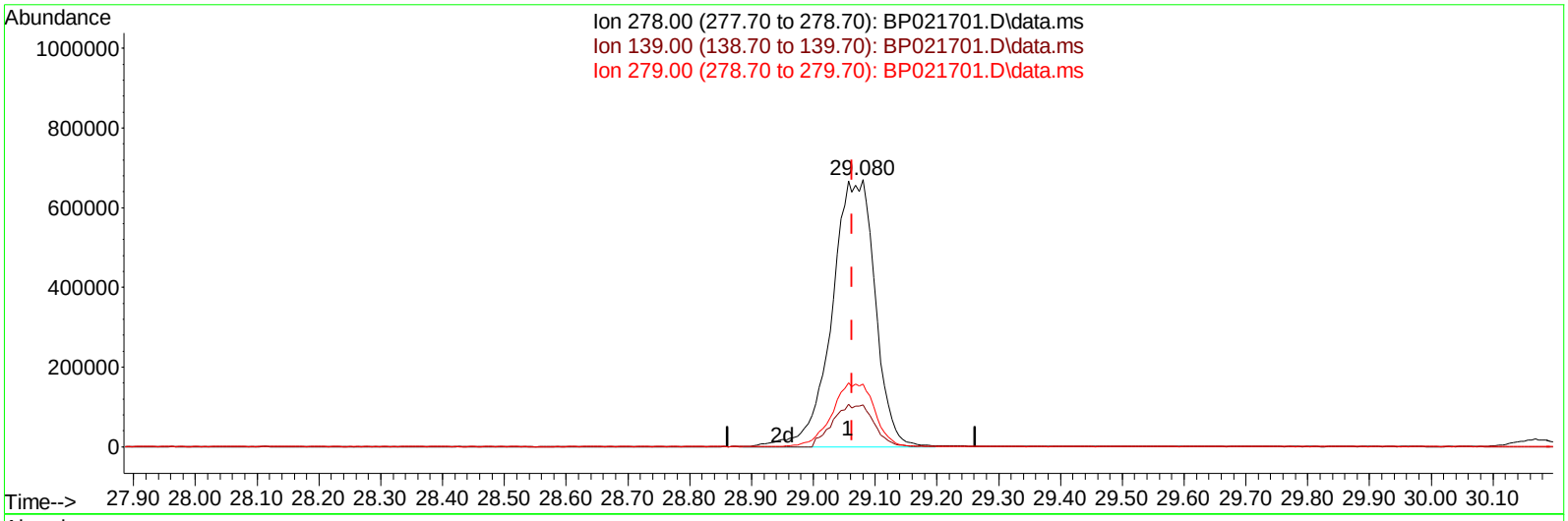

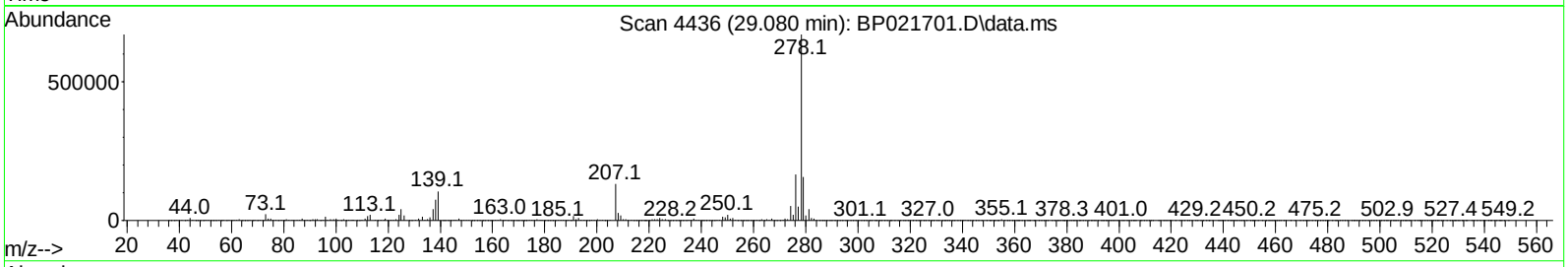

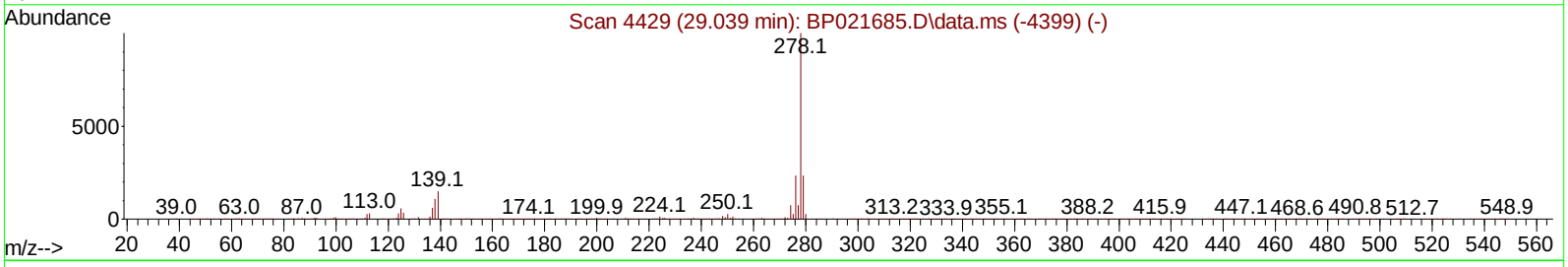

TIC: BP021701.D\data.ms

(95) Dibenzo(a,h)anthracene

29.080min (+ 0.018) 20.33 ng/ul m

response 3258197

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	15.65
279.00	23.60	23.46
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	7.787	152	420760	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	1778053	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.434	164	1164444	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	2503747	20.000	ng/ul	-0.02
79) Chrysene-d12	21.686	240	2320861	20.000	ng/ul	0.00
88) Perylene-d12	25.104	264	2683126	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	93114	7.347	ng/uL	-0.01
4) Pyridine-d5	3.681	84	707641	19.304	ng/ul	-0.01
7) Phenol-d5	6.958	99	897582	19.989	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	493018	20.175	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.328	132	597350	20.605	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	702448	20.244	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	300684	21.019	ng/ul	0.00
24) 2-Nitrophenol-d4	9.652	143	316141	21.772	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	605162	21.149	ng/ul	0.00
31) 4-Chloroaniline-d4	10.704	131	837819	20.125	ng/ul	0.00
46) Dimethylphthalate-d6	13.840	166	1771655	19.884	ng/ul	0.00
49) Acenaphthylene-d8	14.122	160	2035275	20.345	ng/ul	0.00
54) 4-Nitrophenol-d4	14.634	143	347545	20.502	ng/ul	0.00
60) Fluorene-d10	15.445	176	1496215	19.974	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	252243	18.317	ng/ul	0.00
73) Anthracene-d10	17.334	188	2394622	20.153	ng/ul	-0.02
81) Pyrene-d10	19.704	212	2823689	21.284	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.874	264	2894024	20.228	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	99831	7.412	ng/uL	94
5) Pyridine	3.705	79	699145	19.086	ng/ul	97
6) Benzaldehyde	6.928	77	567139	24.693	ng/ul	99
8) Phenol	6.987	94	935662	19.984	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.211	93	734179	20.173	ng/ul	98
12) 2-Chlorophenol	7.358	128	637447	20.950	ng/ul	98
13) 2-Methylphenol	8.228	108	683303	20.230	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.305	45	724008	20.611	ng/ul	98
16) Acetophenone	8.605	105	1139415	20.483	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.593	70	529000	20.151	ng/ul	98
18) 4-Methylphenol	8.552	108	760435	20.564	ng/ul	98
19) Hexachloroethane	8.869	117	280179	20.593	ng/ul	99
22) Nitrobenzene	8.975	77	815634	20.448	ng/ul	99
23) Isophorone	9.510	82	1590732	19.873	ng/ul	100
25) 2-Nitrophenol	9.687	139	348582	21.667	ng/ul	97
26) 2,4-Dimethylphenol	9.752	107	804013	20.362	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.981	93	1005448	20.029	ng/ul	99
29) 2,4-Dichlorophenol	10.228	162	604547	21.025	ng/ul	99
30) Naphthalene	10.628	128	2020320	20.161	ng/ul	100
32) 4-Chloroaniline	10.728	127	854144	20.323	ng/ul	97
33) Hexachlorobutadiene	10.916	225	393880	20.416	ng/ul	100
34) Caprolactam	11.510	113	234546	19.290	ng/ul	99
35) 4-Chloro-3-methylphenol	11.863	107	798037	20.970	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	12.240	142	1373119	20.258	ng/ul	100
37) 1-Methylnaphthalene	12.457	142	1396916	20.490	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.610	216	760521	20.722	ng/ul	99
40) Hexachlorocyclopentadiene	12.598	237	353715	16.796	ng/ul	98
41) 2,4,6-Trichlorophenol	12.851	196	509512	21.562	ng/ul	98
42) 2,4,5-Trichlorophenol	12.928	196	550782	21.586	ng/ul	98
43) 1,1'-Biphenyl	13.257	154	1788878	20.305	ng/ul	99
44) 2-Chloronaphthalene	13.298	162	1397554	20.232	ng/ul	99
45) 2-Nitroaniline	13.493	65	459215	21.221	ng/ul	97
47) Dimethylphthalate	13.887	163	1782286	19.977	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	360980	21.939	ng/ul	95
50) Acenaphthylene	14.151	152	2182511	20.286	ng/ul	99
51) 3-Nitroaniline	14.328	138	399770	22.234	ng/ul	97
52) Acenaphthene	14.498	153	1529090	20.210	ng/ul	99
53) 2,4-Dinitrophenol	14.545	184	168258	17.081	ng/ul	97
55) 4-Nitrophenol	14.651	109	320065	20.621	ng/ul	98
56) Dibenzofuran	14.840	168	2128997	20.340	ng/ul	100
57) 2,4-Dinitrotoluene	14.798	165	533214	21.565	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.069	232	461103	20.976	ng/ul	98
59) Diethylphthalate	15.269	149	1808439	20.186	ng/ul	99
61) Fluorene	15.498	166	1714304	20.249	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.498	204	858269	20.175	ng/ul	97
63) 4-Nitroaniline	15.510	138	421028	24.228	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.575	198	286224	18.581	ng/ul	97
67) N-Nitrosodiphenylamine	15.710	169	1481088	20.109	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	554649	20.067	ng/ul	98
69) Hexachlorobenzene	16.528	284	652362	19.881	ng/ul	98
70) Atrazine	16.686	200	575431	20.596	ng/ul	99
71) Pentachlorophenol	16.875	266	427839	20.373	ng/ul	99
72) Phenanthrene	17.269	178	2749759	20.005	ng/ul	99
74) Anthracene	17.369	178	2776614	19.939	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.222	216	771542	20.727	ng/uL	98
76) Pentachlorobenzene	14.757	250	768718	19.924	ng/uL	100
77) Carbazole	17.639	167	2591537	20.691	ng/ul	100
78) Di-n-butylphthalate	18.245	149	3201500	21.000	ng/ul	100
80) Fluoranthene	19.357	202	3324846	21.476	ng/ul	100
82) Pyrene	19.733	202	3430268	20.920	ng/ul	99
83) Butylbenzylphthalate	20.686	149	1512377	22.528	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.586	252	1137581	19.450	ng/ul	99
85) Benzo(a)anthracene	21.669	228	3378724	20.466	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.616	149	2174905	21.949	ng/ul	100
87) Chrysene	21.739	228	3135453	20.180	ng/ul	100
89) Di-n-octyl phthalate	22.921	149	3702271	21.799	ng/ul	100
90) Benzo(b)fluoranthene	24.021	252	3413454	20.332	ng/ul	99
91) Benzo(k)fluoranthene	24.098	252	3382228	20.578	ng/ul	98
93) Benzo(a)pyrene	24.945	252	3129479	20.233	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.968	276	4015315m	20.134	ng/ul	
95) Dibenzo(a,h)anthracene	29.080	278	3258197m	20.331	ng/ul	
96) Benzo(g,h,i)perylene	30.168	276	3106466	20.160	ng/ul	99

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

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