Quantitation Report (Qedit)

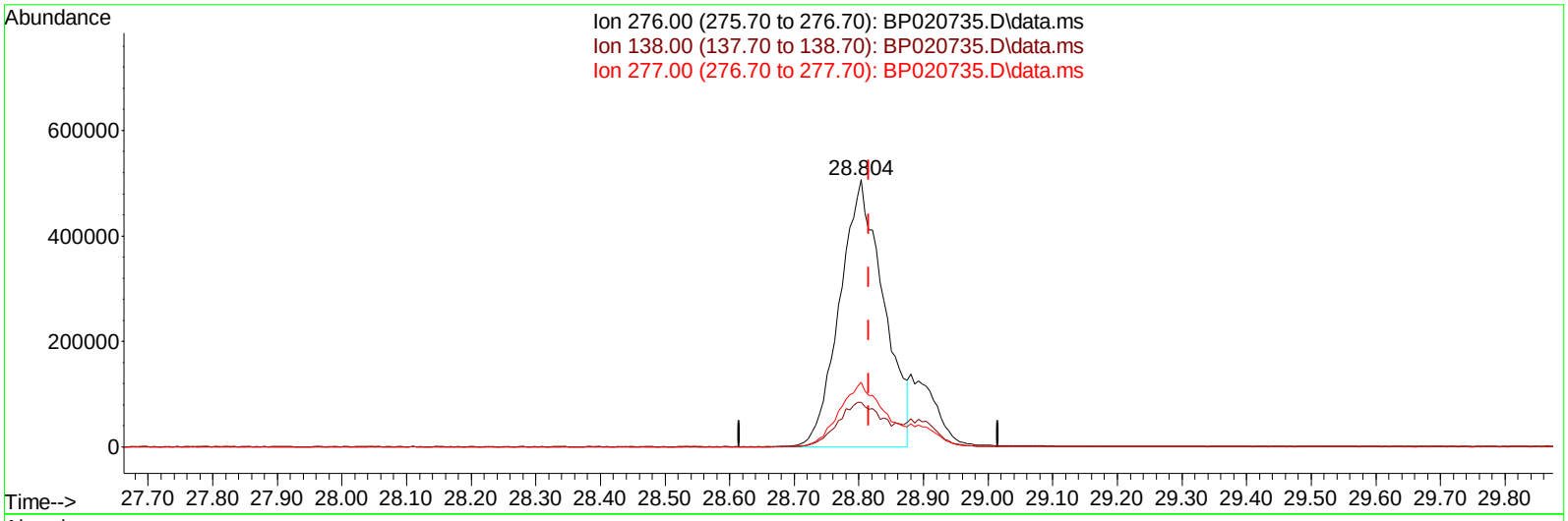
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020735.D
Acq On : 02 Jul 2024 03:00
Operator : MA/JU
Sample : PB161627BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

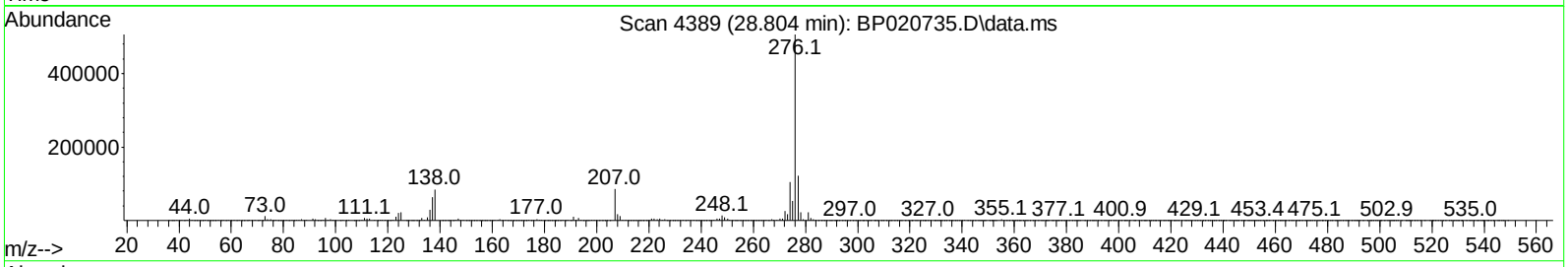
Quant Time: Jul 02 03:45:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
Response via : Initial Calibration

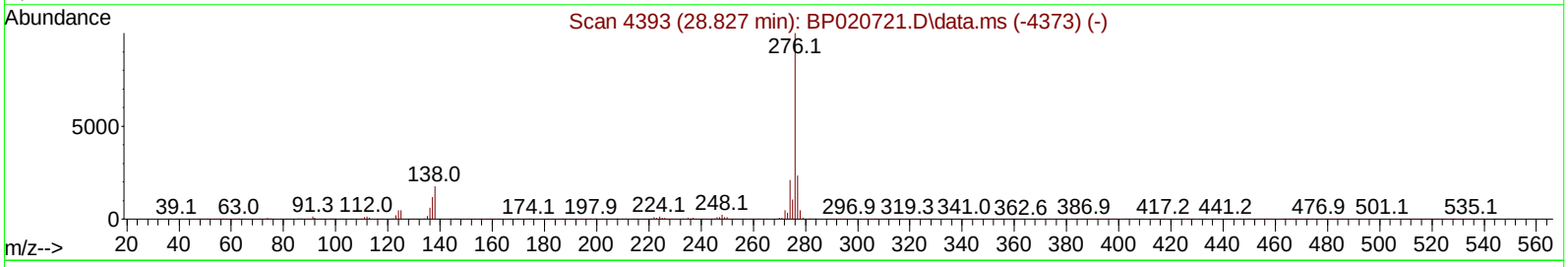
Instrument :
BNA_P
ClientSampleId :
SLCS627

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024







TIC: BP020735.D\data.ms

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

28.804min (-0.012) 27.35 ng/ul

response 2385530

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.00	16.67
277.00	23.70	24.19
0.00	0.00	0.00

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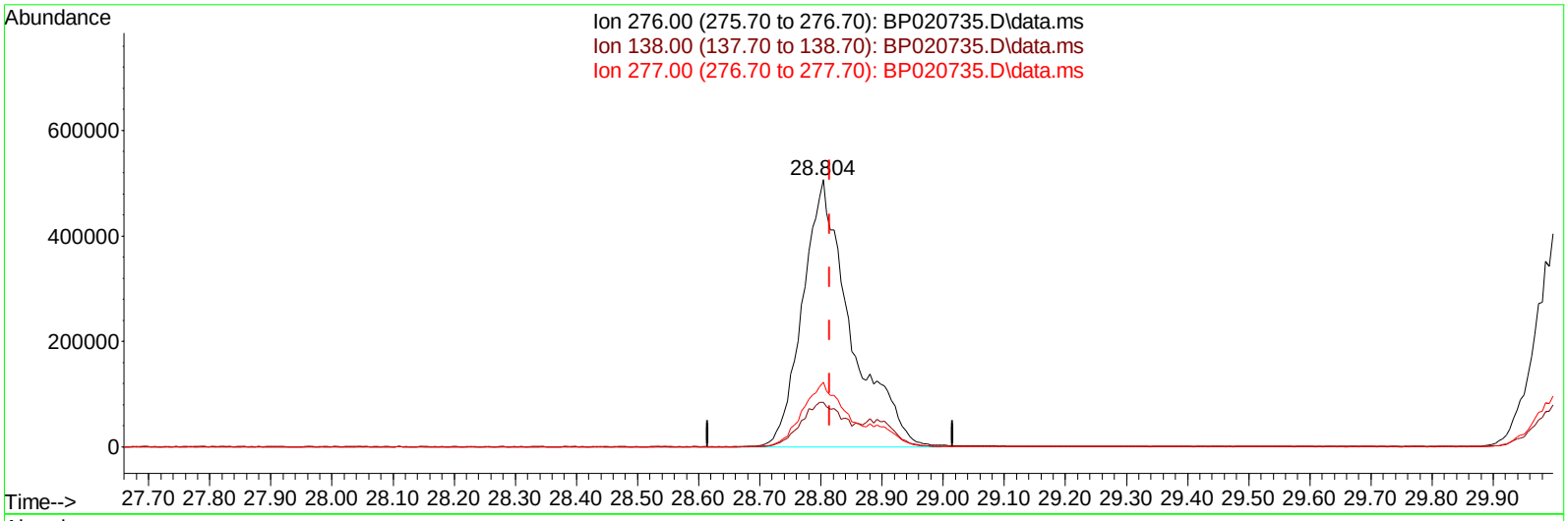

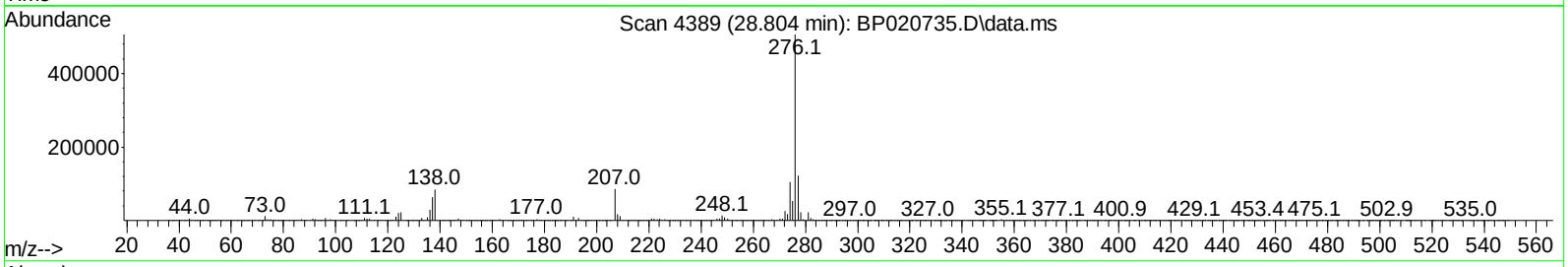

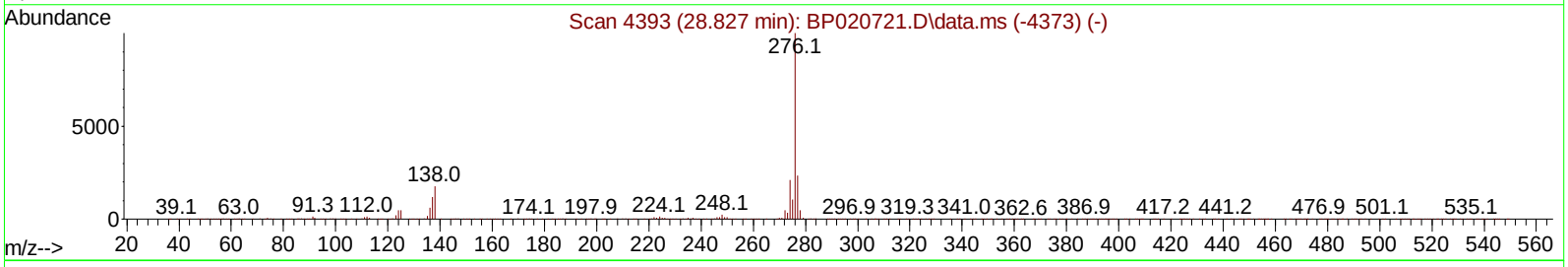

TIC: BP020735.D\data.ms

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

28.804min (-0.012) 31.75 ng/ul m

response 2769153

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.00	16.67
277.00	23.70	24.19
0.00	0.00	0.00

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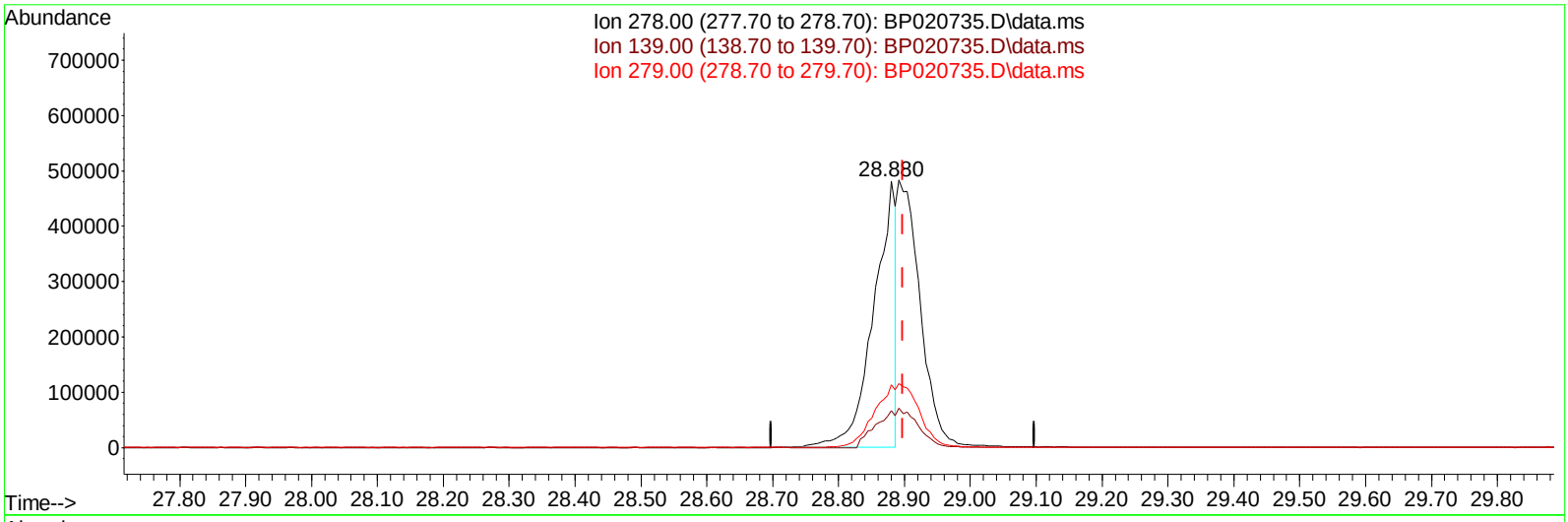

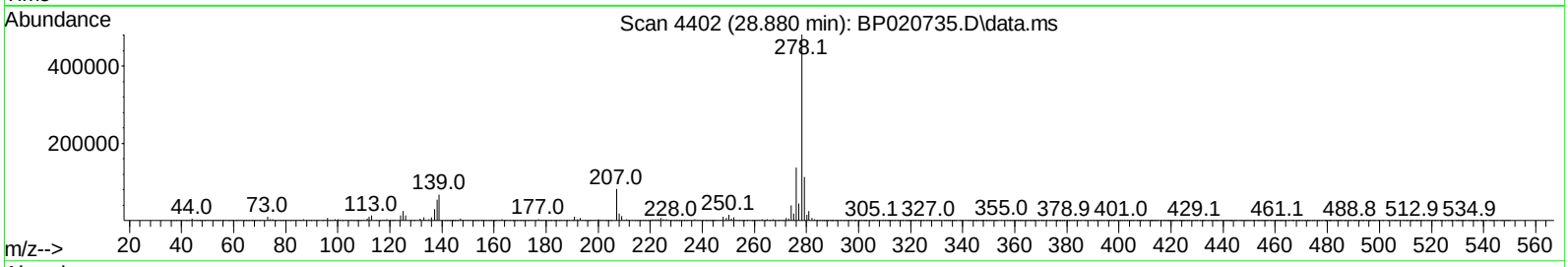

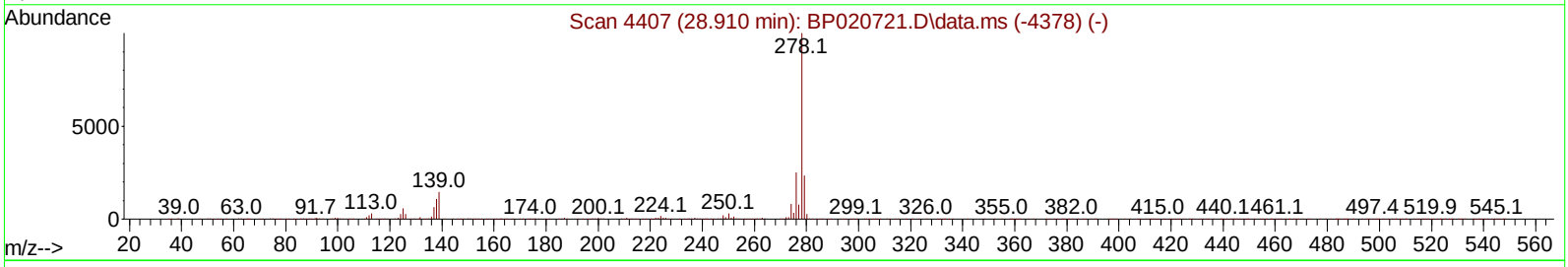

TIC: BP020735.D\data.ms

(95) Dibenzo(a,h)anthracene

28.880min (-0.017) 15.74 ng/ul

response 1128286

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.90	13.94
279.00	23.40	23.56
0.00	0.00	0.00

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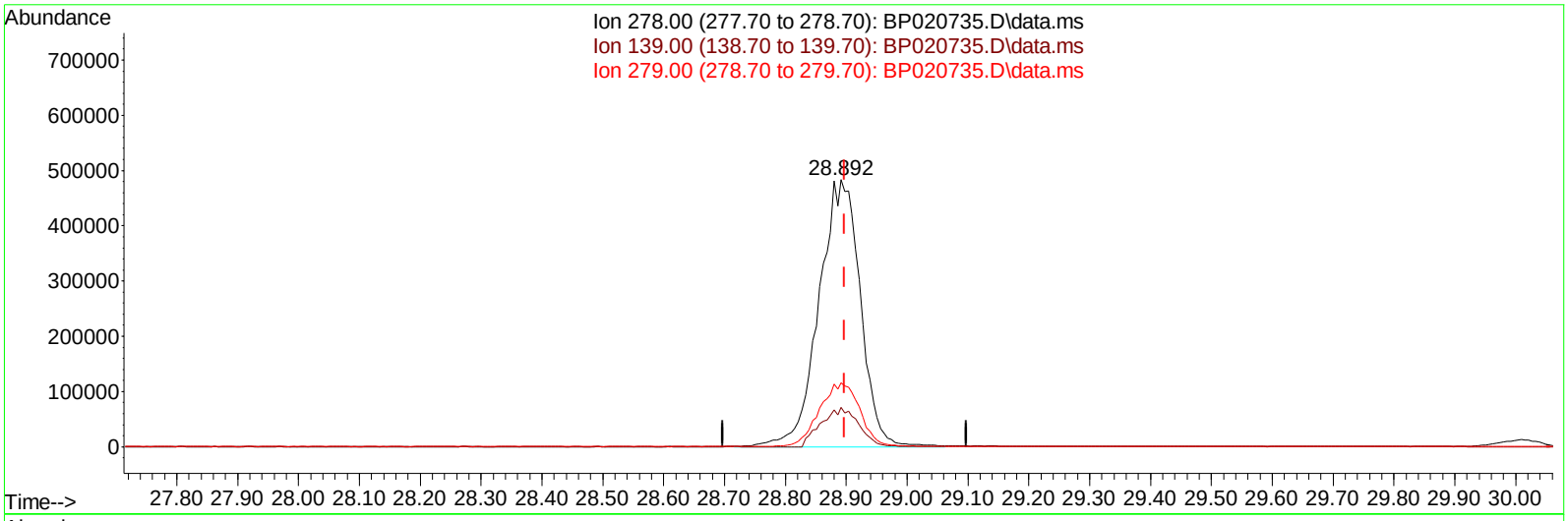

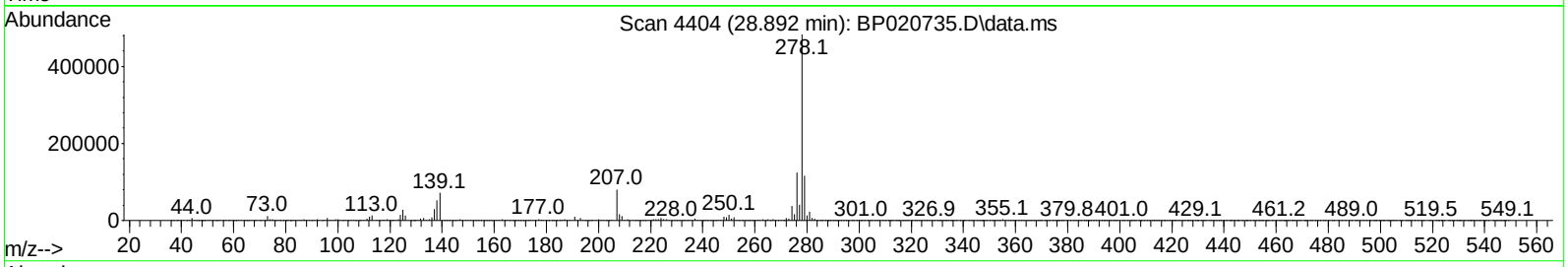

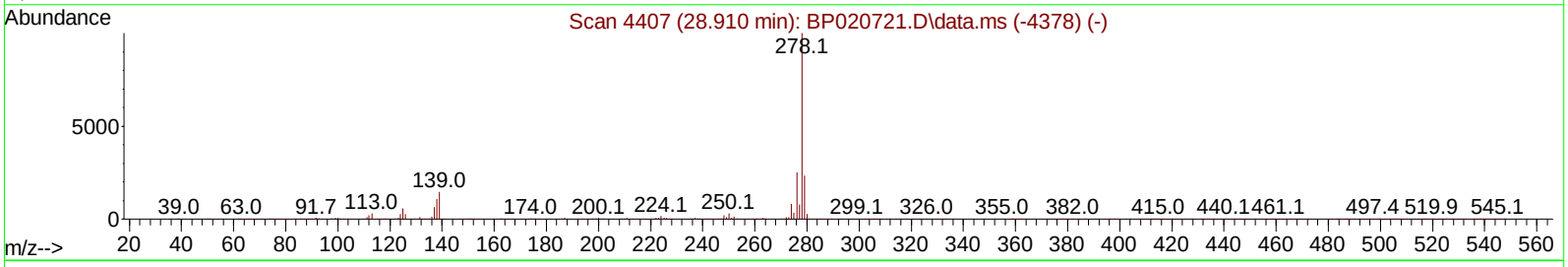

TIC: BP020735.D\data.ms

(95) Dibenzo(a,h)anthracene

28.892min (-0.006) 31.83 ng/ul m

response 2281877

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.90	14.78
279.00	23.40	24.01
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Time: Jul 02 03:46:55 2024
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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	7.740	152	256095	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.510	136	1066291	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.381	164	675112	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.187	188	1278900	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	986565	20.000	ng/ul	0.00
88) Perylene-d12	25.004	264	1189018	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	34018	5.704	ng/uL	0.00
4) Pyridine-d5	3.681	84	483470	27.816	ng/ul	0.00
7) Phenol-d5	6.928	99	667927	31.799	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	388549	29.179	ng/ul	0.00
11) 2-Chlorophenol-d4	7.287	132	542581	31.607	ng/ul	0.00
15) 4-Methylphenol-d8	8.446	113	539981	31.653	ng/ul	0.00
21) Nitrobenzene-d5	8.899	128	269047	34.176	ng/ul	0.00
24) 2-Nitrophenol-d4	9.611	143	305801	38.817	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	552919	34.072	ng/ul	0.00
31) 4-Chloroaniline-d4	10.658	131	686015	30.165	ng/ul	0.00
46) Dimethylphthalate-d6	13.781	166	1590858	33.891	ng/ul	0.00
49) Acenaphthylene-d8	14.063	160	1774336	31.678	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	246150	34.321	ng/ul	0.01
60) Fluorene-d10	15.387	176	1299115	32.889	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	231726	35.955	ng/ul	0.02
73) Anthracene-d10	17.292	188	1771128	30.857	ng/ul	0.01
81) Pyrene-d10	19.669	212	1851352	31.237	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.769	264	1937871	33.505	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	68142	10.210	ng/uL	97
5) Pyridine	3.699	79	478629	26.584	ng/ul	97
6) Benzaldehyde	6.905	77	375290	35.331	ng/ul	97
8) Phenol	6.952	94	674914	31.509	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.175	93	518336	29.229	ng/ul	97
12) 2-Chlorophenol	7.317	128	542461	31.434	ng/ul	98
13) 2-Methylphenol	8.181	108	508240	30.926	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.258	45	740168	27.465	ng/ul	99
16) Acetophenone	8.564	105	831857	30.534	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.552	70	412153	28.462	ng/ul	99
18) 4-Methylphenol	8.511	108	553603	31.824	ng/ul	99
19) Hexachloroethane	8.799	117	217807	29.074	ng/ul	97
22) Nitrobenzene	8.940	77	611962	29.986	ng/ul	95
23) Isophorone	9.458	82	1176551	29.097	ng/ul	98
25) 2-Nitrophenol	9.640	139	315530	37.087	ng/ul	95
26) 2,4-Dimethylphenol	9.699	107	468379	23.638	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.934	93	715386	29.739	ng/ul	99
29) 2,4-Dichlorophenol	10.163	162	534797	33.295	ng/ul	98
30) Naphthalene	10.563	128	1707876	29.925	ng/ul	100
32) 4-Chloroaniline	10.681	127	608554	27.793	ng/ul	100
33) Hexachlorobutadiene	10.834	225	369213	30.746	ng/ul	99
34) Caprolactam	11.481	113	163018	33.351	ng/ul	86
35) 4-Chloro-3-methylphenol	11.810	107	582726	32.858	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.181	142	1176678	30.778	ng/ul	99
37) 1-Methylnaphthalene	12.399	142	1200043	30.705	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.546	216	687741	31.863	ng/ul	99
40) Hexachlorocyclopentadiene	12.522	237	262860	19.566	ng/ul	98
41) 2,4,6-Trichlorophenol	12.799	196	433847	33.693	ng/ul	99
42) 2,4,5-Trichlorophenol	12.875	196	461815	34.581	ng/ul	99
43) 1,1'-Biphenyl	13.199	154	1593899	31.569	ng/ul	99
44) 2-Chloronaphthalene	13.246	162	1236407	31.092	ng/ul	98
45) 2-Nitroaniline	13.451	65	359266	35.869	ng/ul	92
47) Dimethylphthalate	13.828	163	1578830	33.019	ng/ul	99
48) 2,6-Dinitrotoluene	13.957	165	323811	37.979	ng/ul	93
50) Acenaphthylene	14.093	152	1927761	30.469	ng/ul	99
51) 3-Nitroaniline	14.293	138	301395	38.034	ng/ul	93
52) Acenaphthene	14.446	153	1265569	30.154	ng/ul	100
53) 2,4-Dinitrophenol	14.498	184	151998	34.369	ng/ul	97
55) 4-Nitrophenol	14.616	109	197652	30.796	ng/ul	98
56) Dibenzofuran	14.781	168	1782637	31.521	ng/ul	99
57) 2,4-Dinitrotoluene	14.751	165	442597	37.607	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.016	232	361940	32.814	ng/ul	98
59) Diethylphthalate	15.216	149	1543481	32.725	ng/ul	98
61) Fluorene	15.445	166	1391015	30.612	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.440	204	749424	31.605	ng/ul	100
63) 4-Nitroaniline	15.475	138	296908	39.479	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.534	198	245941	35.624	ng/ul	92
67) N-Nitrosodiphenylamine	15.663	169	1217917	32.292	ng/ul	100
68) 4-Bromophenyl-phenylether	16.357	248	472627	33.132	ng/ul	96
69) Hexachlorobenzene	16.469	284	531376	33.276	ng/ul	93
70) Atrazine	16.640	200	227976	17.146	ng/ul	98
71) Pentachlorophenol	16.828	266	273263	29.723	ng/ul	96
72) Phenanthrene	17.234	178	2052997	30.655	ng/ul	100
74) Anthracene	17.328	178	2006563	29.128	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.163	216	685798	33.035	ng/uL	99
76) Pentachlorobenzene	14.698	250	657170	33.214	ng/uL	99
77) Carbazole	17.604	167	1737652	30.564	ng/ul	100
78) Di-n-butylphthalate	18.198	149	2460950	33.328	ng/ul	100
80) Fluoranthene	19.316	202	2191890	30.276	ng/ul	99
82) Pyrene	19.698	202	2249424	30.296	ng/ul	98
83) Butylbenzylphthalate	20.657	149	927690	33.648	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.545	252	703633	32.258	ng/ul	99
85) Benzo(a)anthracene	21.622	228	2157345	31.198	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.557	149	1320819	30.855	ng/ul	99
87) Chrysene	21.686	228	2059846	31.514	ng/ul	99
89) Di-n-octyl phthalate	22.839	149	2248712	29.460	ng/ul	100
90) Benzo(b)fluoranthene	23.933	252	2295597	31.869	ng/ul	99
91) Benzo(k)fluoranthene	24.004	252	2253417	30.926	ng/ul	99
93) Benzo(a)pyrene	24.839	252	2007833	29.528	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.804	276	2769153m	31.750	ng/ul	
95) Dibenzo(a,h)anthracene	28.892	278	2281877m	31.833	ng/ul	
96) Benzo(g,h,i)perylene	30.009	276	2168137	30.447	ng/ul	98

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

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