Quantitation Report (Qedit)

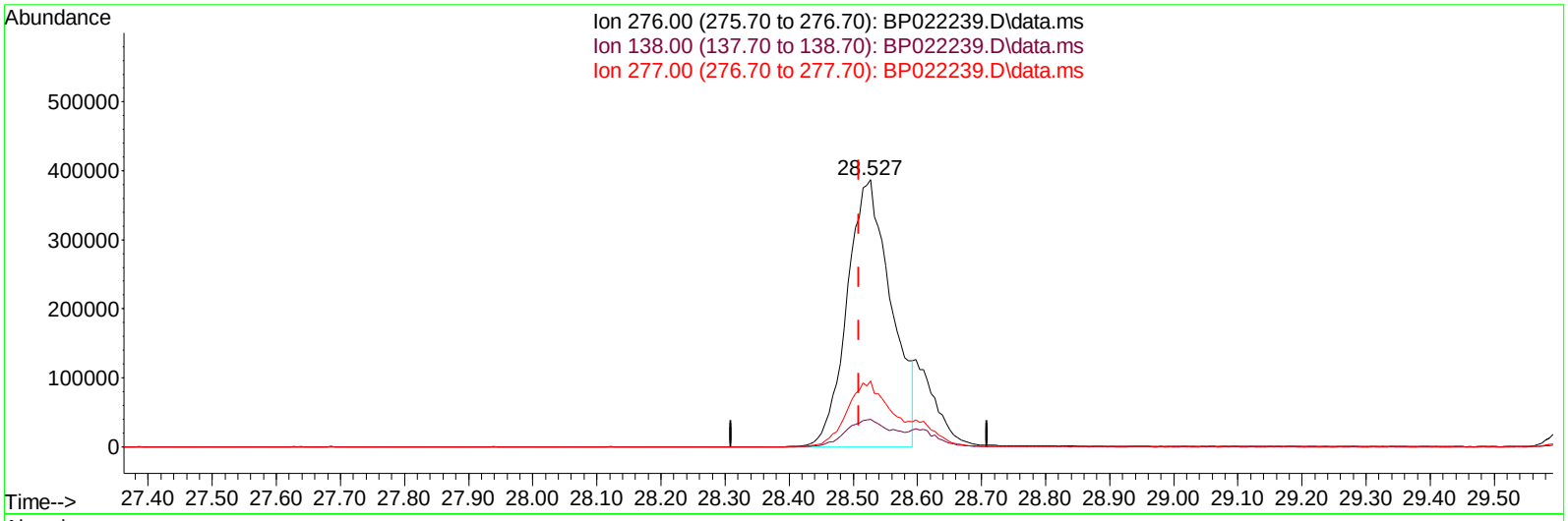
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100424\
Data File : BP022239.D
Acq On : 04 Oct 2024 21:50
Operator : RC/JU
Sample : PB163610BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

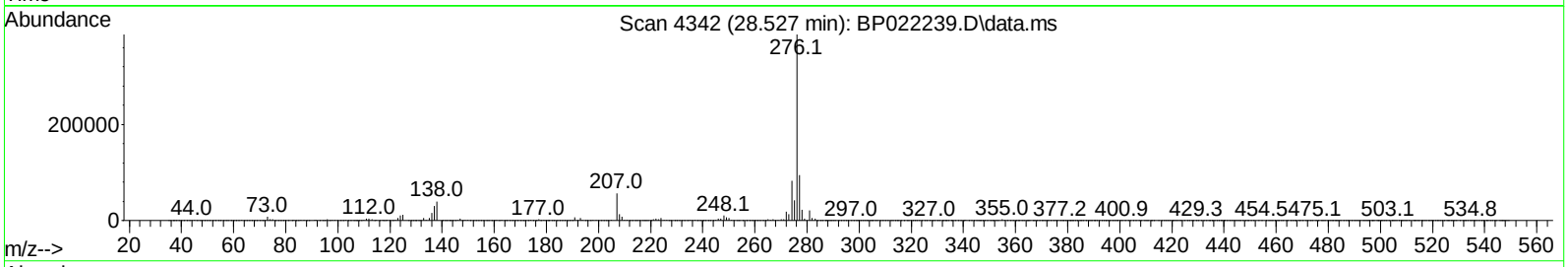
Quant Time: Oct 04 22:45:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 05:25:28 2024
Response via : Initial Calibration

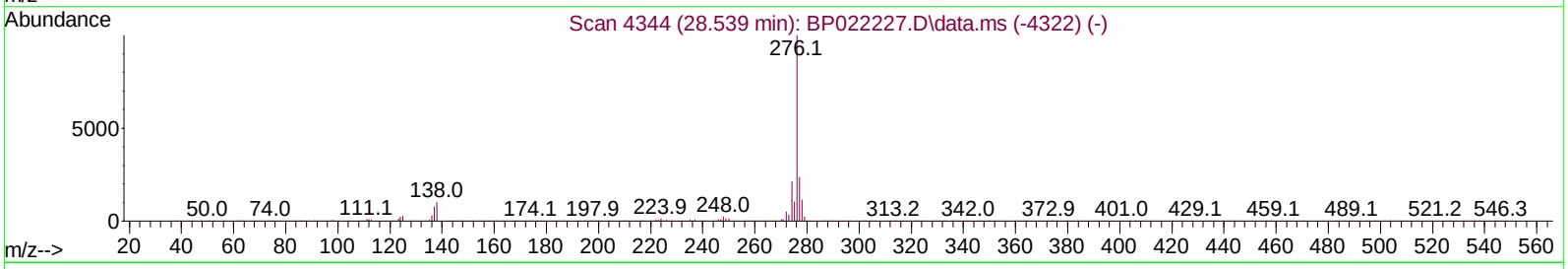
Instrument :
BNA_P
ClientSampleId :
SLCS610

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/06/2024







TIC: BP022239.D\data.ms

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

28.527min (+ 0.018) 21.50 ng/ul

response 1840100

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.50	10.22
277.00	24.20	24.55
0.00	0.00	0.00

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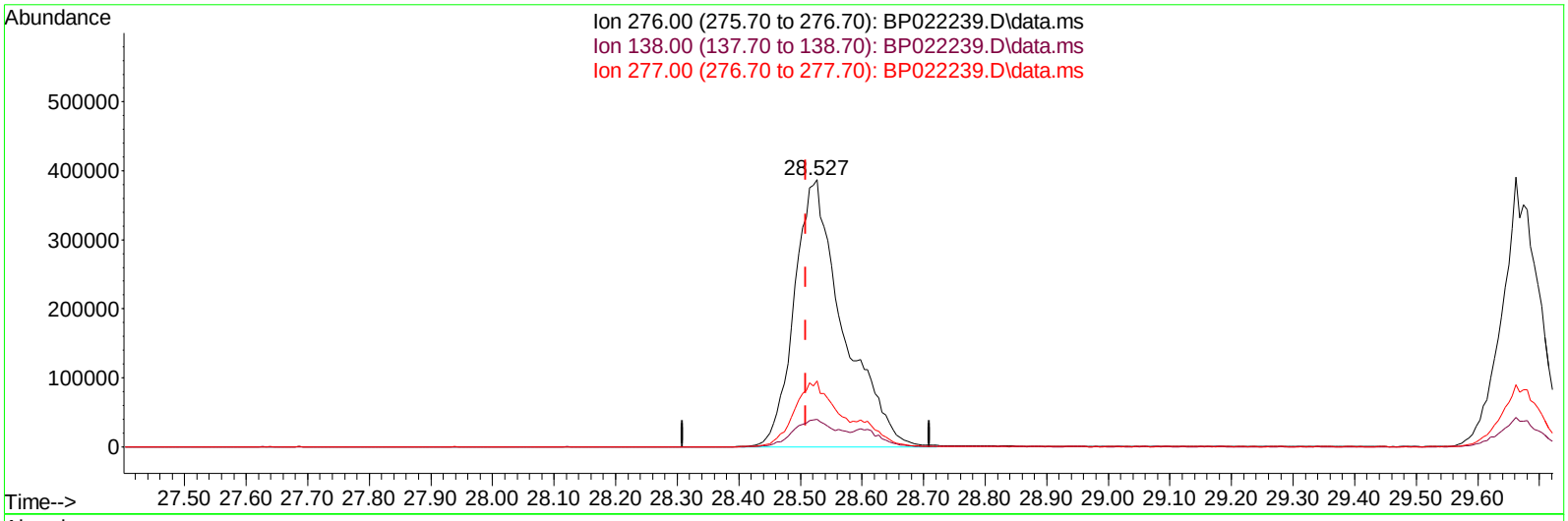

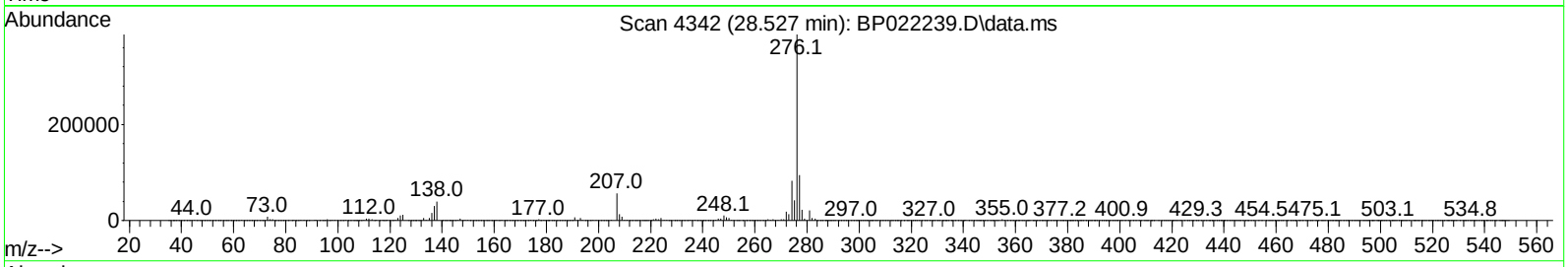

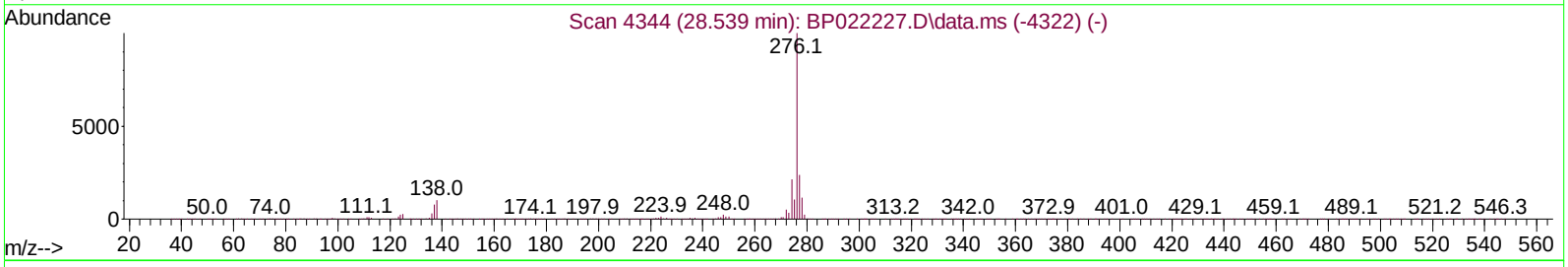

TIC: BP022239.D\data.ms

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

28.527min (+ 0.018) 24.89 ng/ul m

response 2130417

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.50	10.22
277.00	24.20	24.55
0.00	0.00	0.00

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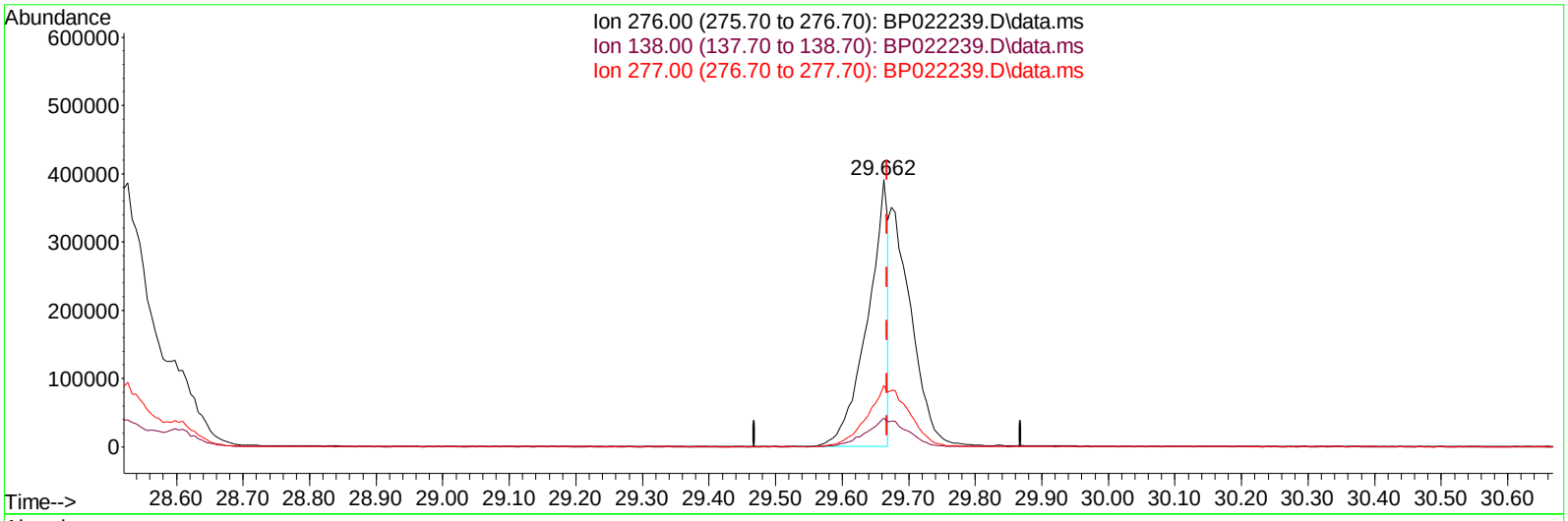

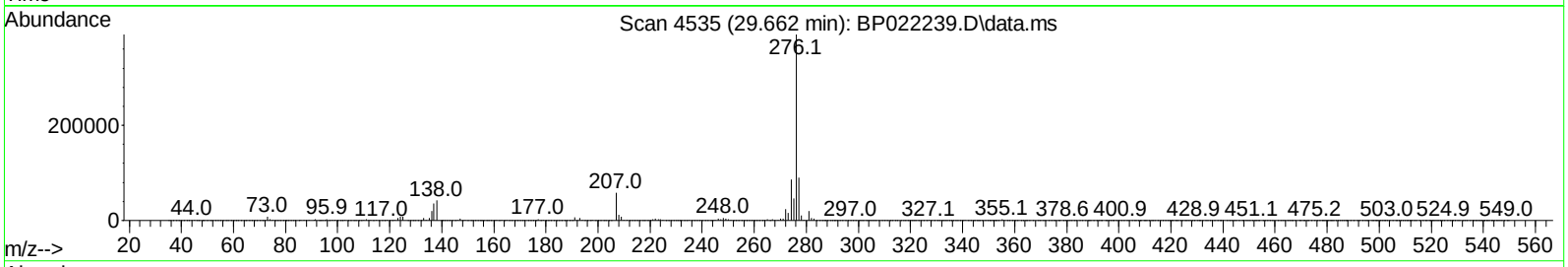

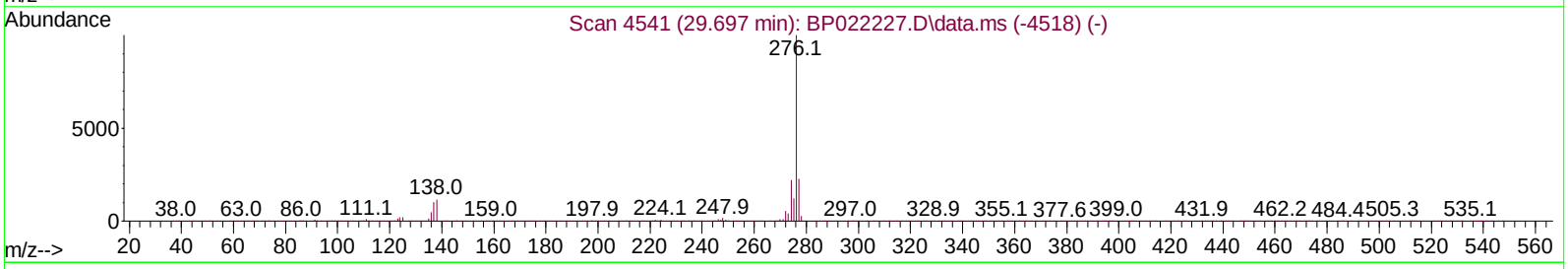

TIC: BP022239.D\data.ms

(96) Benzo(g,h,i)perylene

29.662min (-0.006) 12.49 ng/ul

response 829557

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.30	10.77
277.00	23.90	22.98
0.00	0.00	0.00

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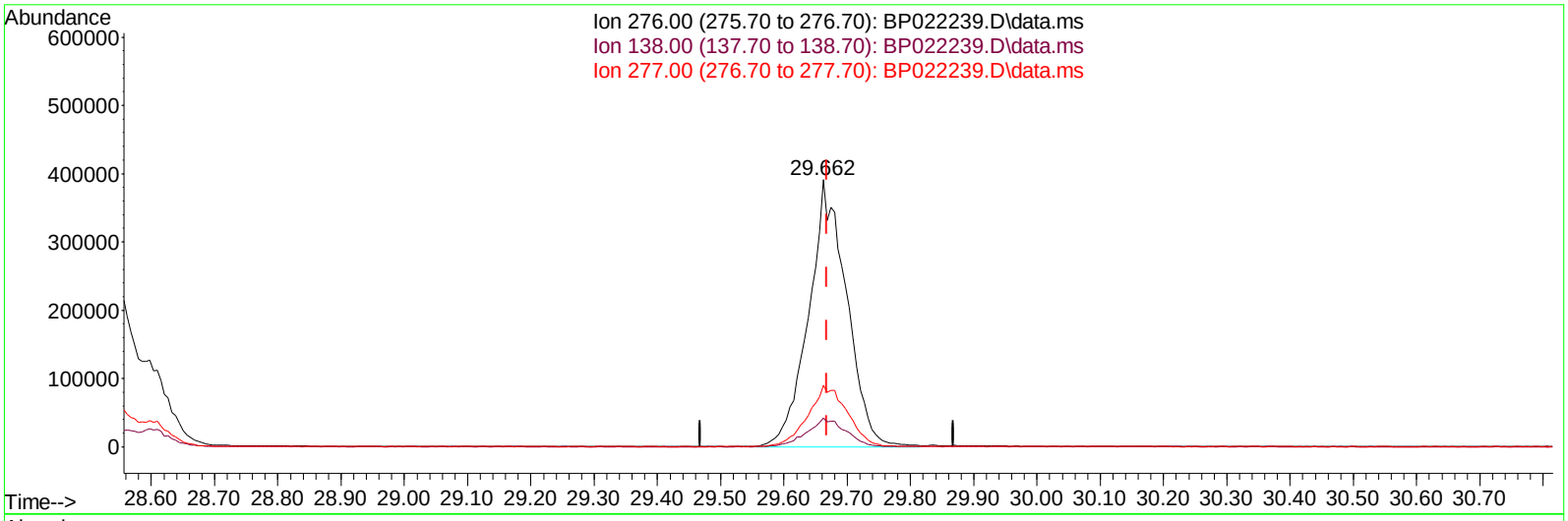

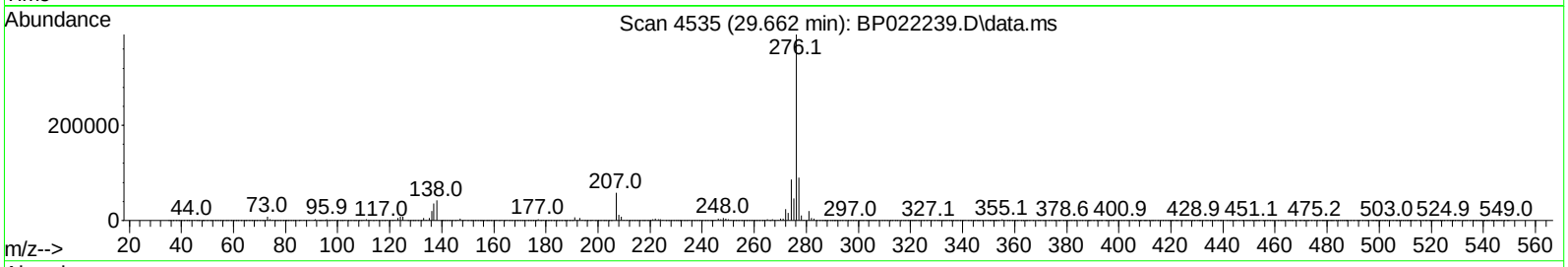

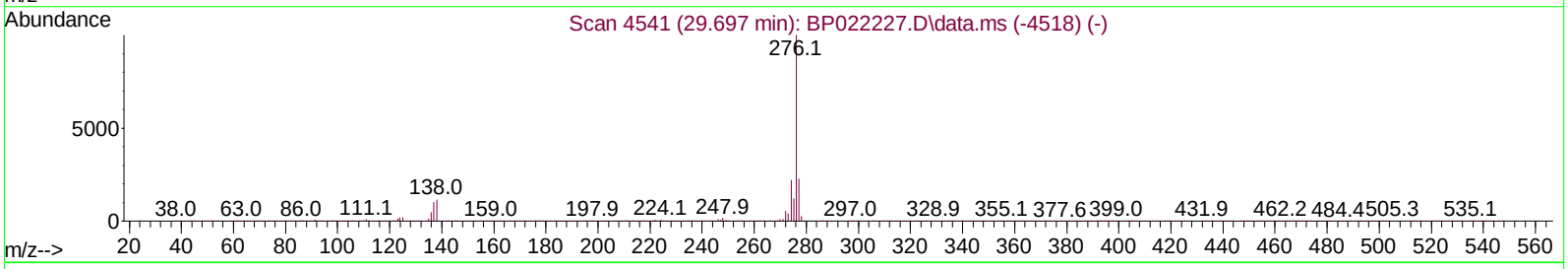

TIC: BP022239.D\data.ms

(96) Benzo(g,h,i)perylene

29.662min (-0.006) 24.47 ng/ul m

response 1625145

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.30	10.77
277.00	23.90	22.98
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	7.687	152	130285	20.000	ng/ul	0.00
20) Naphthalene-d8	10.451	136	513250	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	408758	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.116	188	954835	20.000	ng/ul	0.02
79) Chrysene-d12	21.539	240	1009036	20.000	ng/ul	0.00
88) Perylene-d12	24.815	264	1147450	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	13682	4.113	ng/uL	0.00
4) Pyridine-d5	3.628	84	204103	21.467	ng/ul	0.00
7) Phenol-d5	6.875	99	261015	24.491	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	151503	23.086	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	203193	26.352	ng/ul	0.00
15) 4-Methylphenol-d8	8.393	113	213046	25.228	ng/ul	0.00
21) Nitrobenzene-d5	8.828	128	98383	25.611	ng/ul	0.00
24) 2-Nitrophenol-d4	9.546	143	117818	27.049	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	250398	26.472	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	272121	24.111	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	796968	25.223	ng/ul	0.02
49) Acenaphthylene-d8	14.004	160	860720	25.729	ng/ul	0.02
54) 4-Nitrophenol-d4	14.522	143	122814	22.723	ng/ul	0.00
60) Fluorene-d10	15.328	176	693805	24.823	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.445	200	138785	23.412	ng/ul	0.01
73) Anthracene-d10	17.210	188	1151759	25.838	ng/ul	0.00
81) Pyrene-d10	19.592	212	1423173	27.224	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.586	264	1594646	26.422	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	28003	7.772	ng/uL	96
5) Pyridine	3.646	79	202084	20.921	ng/ul	96
6) Benzaldehyde	6.846	77	162236	26.910	ng/ul	97
8) Phenol	6.904	94	267166	24.021	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.122	93	196827	23.122	ng/ul	99
12) 2-Chlorophenol	7.263	128	199572	24.966	ng/ul	97
13) 2-Methylphenol	8.128	108	193445	23.982	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.199	45	183354	23.219	ng/ul	97
16) Acetophenone	8.499	105	342021	24.348	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.487	70	176203	24.196	ng/ul	98
18) 4-Methylphenol	8.451	108	215622	24.513	ng/ul	97
19) Hexachloroethane	8.751	117	88069	23.339	ng/ul	96
22) Nitrobenzene	8.875	77	267891	22.809	ng/ul	96
23) Isophorone	9.393	82	489133	24.043	ng/ul	97
25) 2-Nitrophenol	9.575	139	122658	26.319	ng/ul	96
26) 2,4-Dimethylphenol	9.634	107	203843	19.308	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.869	93	277101	23.630	ng/ul	99
29) 2,4-Dichlorophenol	10.104	162	241783	25.728	ng/ul	98
30) Naphthalene	10.498	128	659317	24.414	ng/ul	99
32) 4-Chloroaniline	10.610	127	248067	22.193	ng/ul	100
33) Hexachlorobutadiene	10.787	225	193861	23.234	ng/ul	99
34) Caprolactam	11.393	113	75778	26.582	ng/ul	91
35) 4-Chloro-3-methylphenol	11.740	107	258040	25.380	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.104	142	497654	24.797	ng/ul	99
37) 1-Methylnaphthalene	12.334	142	490737	24.245	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	362878	23.945	ng/ul#	97
40) Hexachlorocyclopentadiene	12.457	237	174211	18.275	ng/ul	96
41) 2,4,6-Trichlorophenol	12.722	196	231682	25.573	ng/ul	98
42) 2,4,5-Trichlorophenol	12.798	196	258589	26.358	ng/ul	97
43) 1,1'-Biphenyl	13.128	154	708796	24.248	ng/ul	99
44) 2-Chloronaphthalene	13.175	162	584064	24.817	ng/ul	97
45) 2-Nitroaniline	13.381	65	166624	24.485	ng/ul	92
47) Dimethylphthalate	13.763	163	767301	24.177	ng/ul	100
48) 2,6-Dinitrotoluene	13.881	165	156793	25.771	ng/ul	91
50) Acenaphthylene	14.034	152	860321	24.660	ng/ul	99
51) 3-Nitroaniline	14.210	138	137173	24.764	ng/ul	97
52) Acenaphthene	14.375	153	623473	24.596	ng/ul	97
53) 2,4-Dinitrophenol	14.428	184	81941	19.794	ng/ul	95
55) 4-Nitrophenol	14.534	109	133783	21.879	ng/ul	97
56) Dibenzofuran	14.716	168	940186	24.948	ng/ul	98
57) 2,4-Dinitrotoluene	14.686	165	241268	25.733	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.951	232	240888	25.508	ng/ul	99
59) Diethylphthalate	15.139	149	778569	24.788	ng/ul	99
61) Fluorene	15.381	166	757221	24.161	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	442564	24.527	ng/ul	97
63) 4-Nitroaniline	15.404	138	146689	26.020	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.463	198	148287	22.976	ng/ul	96
67) N-Nitrosodiphenylamine	15.586	169	656619	26.110	ng/ul	99
68) 4-Bromophenyl-phenylether	16.280	248	307189	26.790	ng/ul	98
69) Hexachlorobenzene	16.410	284	382815	27.495	ng/ul	97
70) Atrazine	16.569	200	250624	22.340	ng/ul	100
71) Pentachlorophenol	16.763	266	225929	24.321	ng/ul	99
72) Phenanthrene	17.157	178	1273625	25.440	ng/ul	99
74) Anthracene	17.239	178	1275960	25.045	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.092	216	366412	25.572	ng/uL	99
76) Pentachlorobenzene	14.634	250	409952	26.017	ng/uL	99
77) Carbazole	17.533	167	1106900	24.652	ng/ul	99
78) Di-n-butylphthalate	18.122	149	1312365	25.351	ng/ul	99
80) Fluoranthene	19.245	202	1635479	27.372	ng/ul	100
82) Pyrene	19.621	202	1732424	26.937	ng/ul	96
83) Butylbenzylphthalate	20.568	149	614358	27.409	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.439	252	578414	25.036	ng/ul	99
85) Benzo(a)anthracene	21.515	228	1728065	24.851	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.457	149	892744	27.147	ng/ul	100
87) Chrysene	21.586	228	1624807	24.897	ng/ul	100
89) Di-n-octyl phthalate	22.704	149	1491762	26.317	ng/ul	100
90) Benzo(b)fluoranthene	23.774	252	1807645	25.377	ng/ul	100
91) Benzo(k)fluoranthene	23.845	252	1794574	25.278	ng/ul	99
93) Benzo(a)pyrene	24.657	252	1637115	24.943	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.527	276	2130417m	24.894	ng/ul	
95) Dibenzo(a,h)anthracene	28.609	278	1717569	24.914	ng/ul#	97
96) Benzo(g,h,i)perylene	29.662	276	1625145m	24.473	ng/ul	

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

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