Quantitation Report (Qedit)

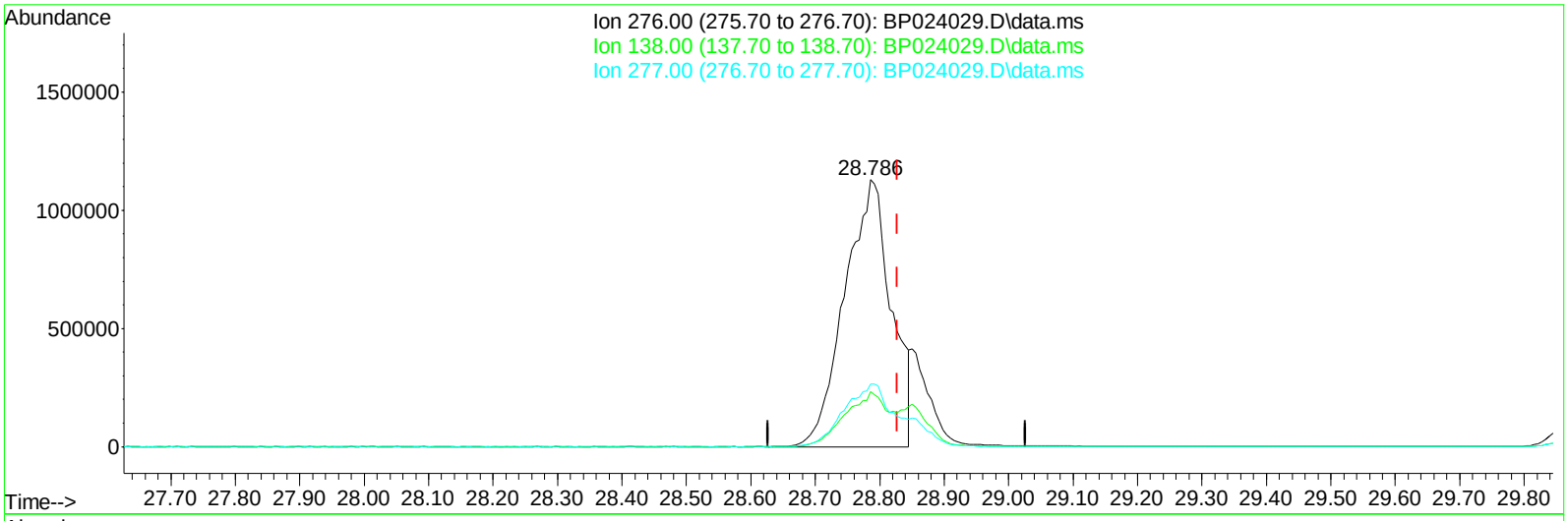
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021025\
Data File : BP024029.D
Acq On : 11 Feb 2025 02:37
Operator : RC/JU
Sample : PB166622BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

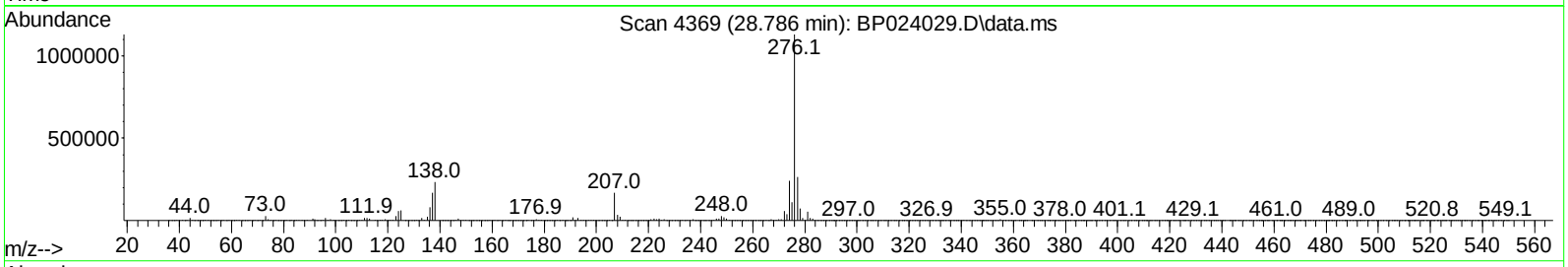
Quant Time: Feb 12 17:37:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

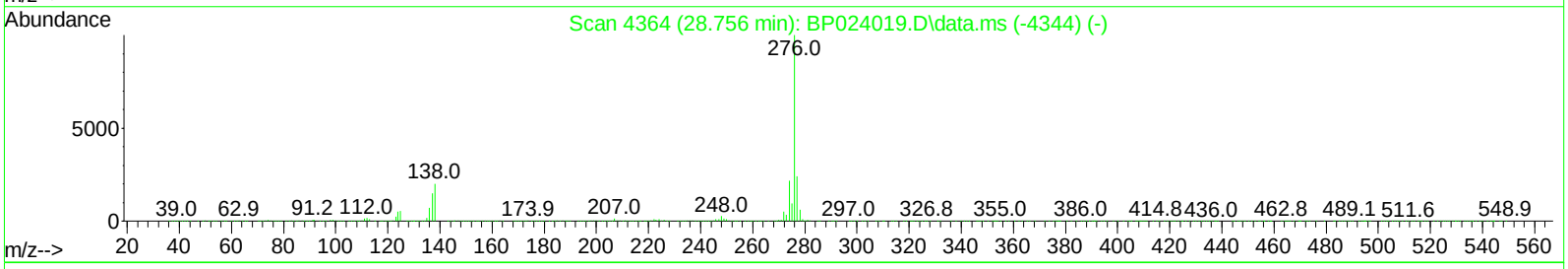
Instrument :
BNA_P
ClientSampleId :
SLCS622

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/12/2025
Supervised By :Sohil Jodhani 02/18/2025







TIC: BP024029.D\data.ms

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

28.786min (-0.041) 28.52 ng/ul

response 5675236

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.69
277.00	23.70	23.38
0.00	0.00	0.00

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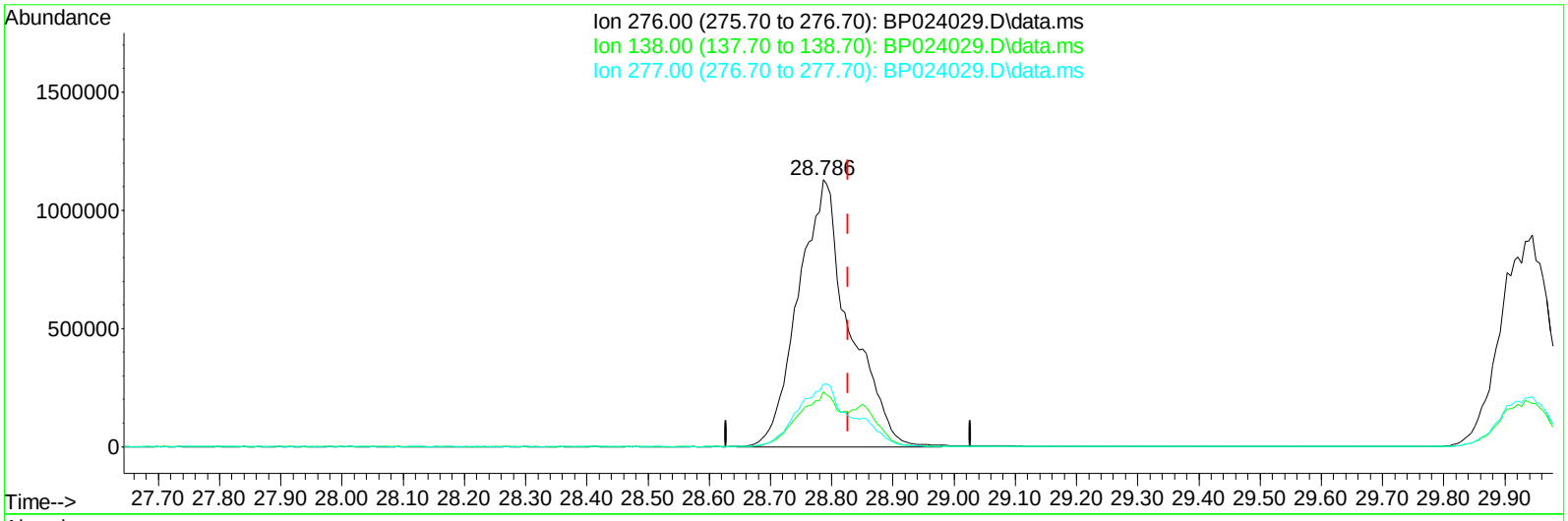

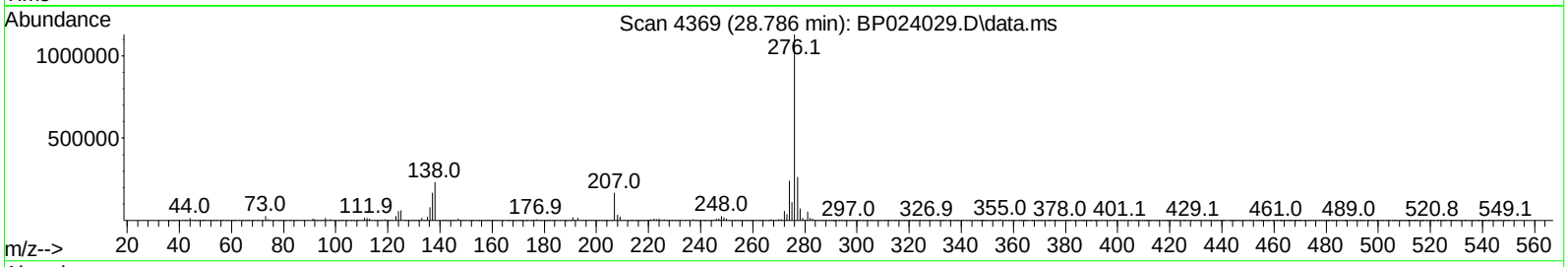

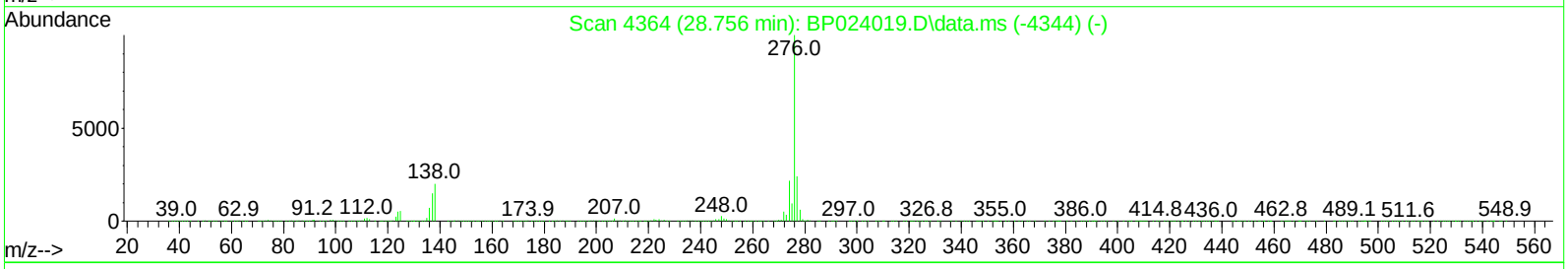

TIC: BP024029.D\data.ms

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

28.786min (-0.041) 32.77 ng/ul m

response 6521502

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.69
277.00	23.70	23.38
0.00	0.00	0.00

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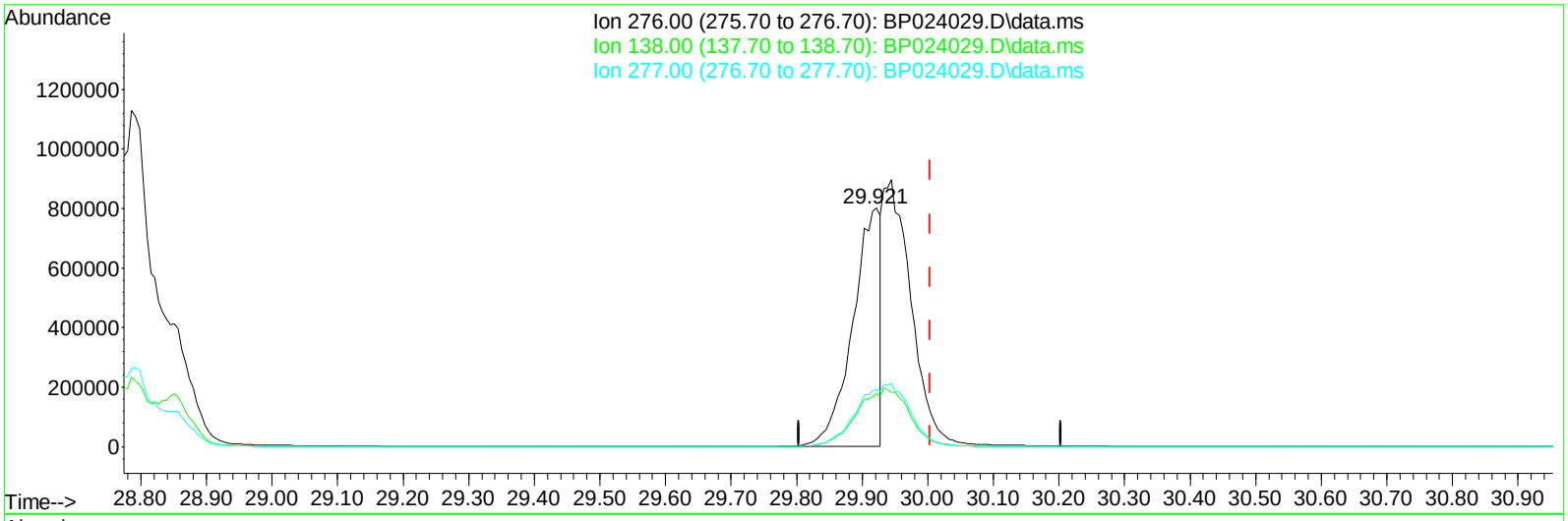

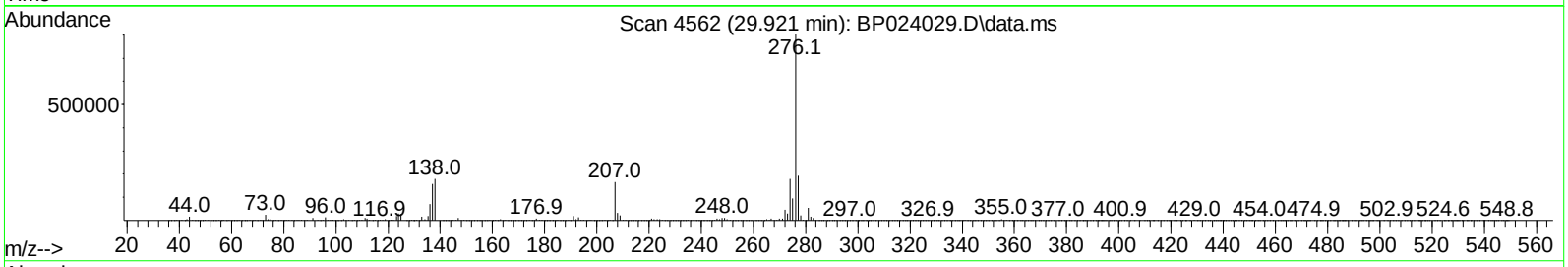

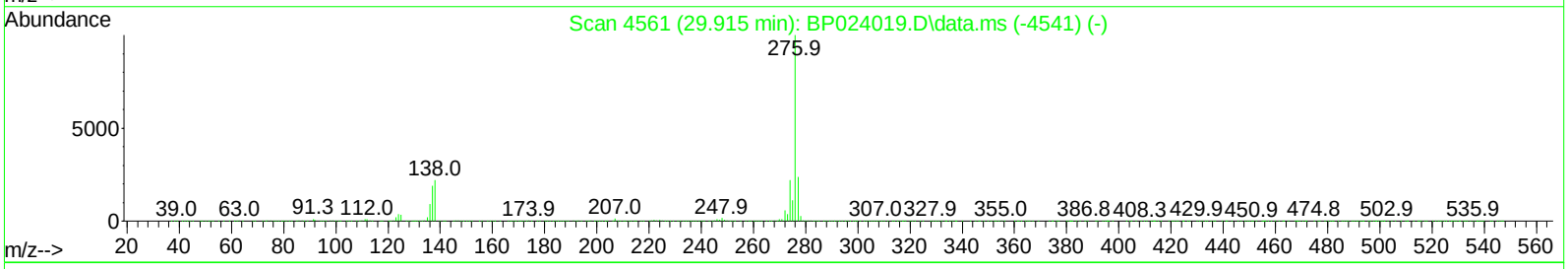

TIC: BP024029.D\data.ms

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

29.921min (-0.082) 15.41 ng/ul

response 2348933

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.20	22.33
277.00	23.80	24.03
0.00	0.00	0.00

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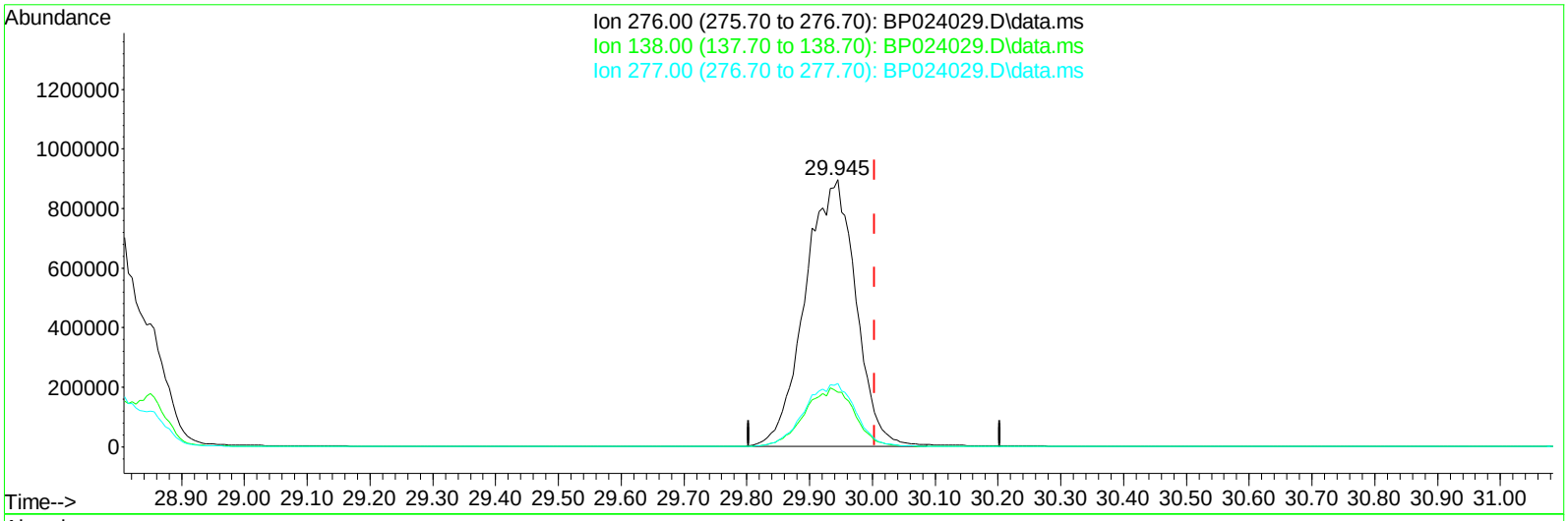

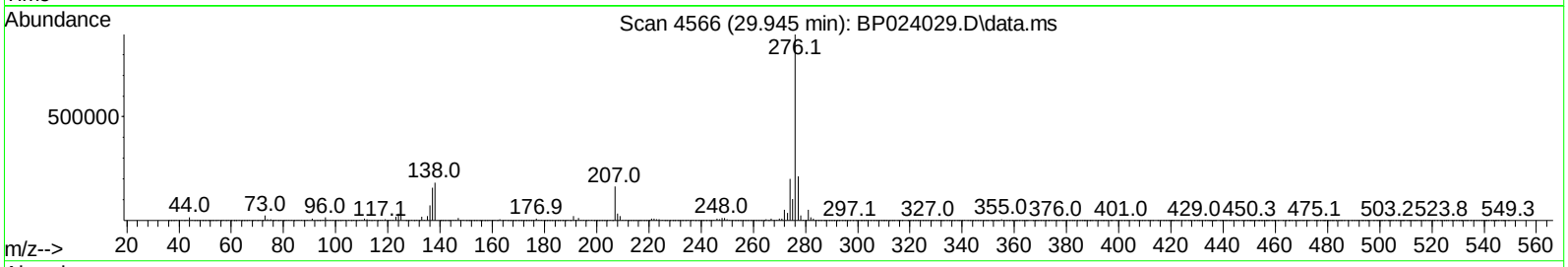

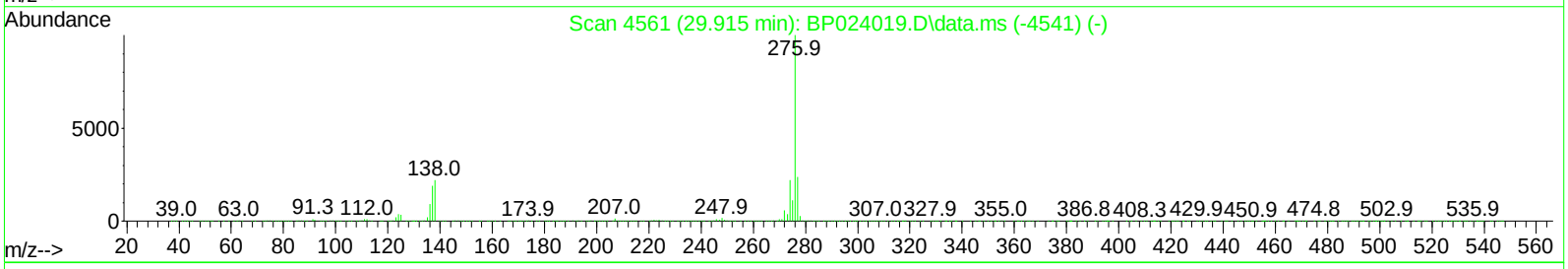

TIC: BP024029.D\data.ms

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

29.945min (-0.059) 32.93 ng/ul m

response 5019233

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.20	20.45
277.00	23.80	23.77
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	7.763	152	468863	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.540	136	1938104	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.381	164	1222146	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.175	188	2435258	20.000	ng/ul	-0.01
79) Chrysene-d12	21.610	240	2509438	20.000	ng/ul	-0.03
88) Perylene-d12	24.957	264	2709276	20.000	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	75792	6.716	ng/uL	0.00
4) Pyridine-d5	3.705	84	1008769	30.980	ng/ul	0.00
7) Phenol-d5	6.958	99	1343707	32.384	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.105	67	685982	31.234	ng/ul	0.00
11) 2-Chlorophenol-d4	7.311	132	1094922	33.604	ng/ul	0.00
15) 4-Methylphenol-d8	8.475	113	1050703	30.999	ng/ul	0.00
21) Nitrobenzene-d5	8.911	128	519111	33.478	ng/ul	0.00
24) 2-Nitrophenol-d4	9.628	143	575329	34.386	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.169	165	1031735	33.614	ng/ul	0.00
31) 4-Chloroaniline-d4	10.675	131	1342190	29.240	ng/ul	0.00
46) Dimethylphthalate-d6	13.787	166	2902690	31.842	ng/ul	0.00
49) Acenaphthylene-d8	14.075	160	3368374	32.761	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	572590	31.628	ng/ul	0.00
60) Fluorene-d10	15.381	176	2480534	32.312	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.510	200	488083	32.488	ng/ul	0.00
73) Anthracene-d10	17.275	188	3930792	32.874	ng/ul	-0.01
81) Pyrene-d10	19.645	212	4605843	34.254	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.733	264	4800009	33.956	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	141109	11.891	ng/uL	98
5) Pyridine	3.723	79	976364	29.949	ng/ul	99
6) Benzaldehyde	6.916	77	484889	23.810	ng/ul	99
8) Phenol	6.981	94	1342927	31.520	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.193	93	995870	30.706	ng/ul	99
12) 2-Chlorophenol	7.340	128	1082901	32.260	ng/ul	99
13) 2-Methylphenol	8.216	108	976797	30.470	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.281	45	1013791	30.298	ng/ul	99
16) Acetophenone	8.581	105	1571744	30.333	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.563	70	726417	29.771	ng/ul	98
18) 4-Methylphenol	8.540	108	1084306	30.485	ng/ul	99
19) Hexachloroethane	8.834	117	424477	31.979	ng/ul	98
22) Nitrobenzene	8.952	77	1084721	32.235	ng/ul	99
23) Isophorone	9.481	82	2098562	30.887	ng/ul	100
25) 2-Nitrophenol	9.658	139	605972	33.205	ng/ul	99
26) 2,4-Dimethylphenol	9.728	107	895064	26.499	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.952	93	1297206	30.651	ng/ul	100
29) 2,4-Dichlorophenol	10.193	162	1003159	32.229	ng/ul	98
30) Naphthalene	10.587	128	3271250	31.533	ng/ul	99
32) 4-Chloroaniline	10.699	127	1055220	24.359	ng/ul	99
33) Hexachlorobutadiene	10.875	225	600619	31.874	ng/ul	99
34) Caprolactam	11.475	113	345506	28.652	ng/ul	99
35) 4-Chloro-3-methylphenol	11.834	107	1062316	31.749	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.193	142	2238210	30.684	ng/ul	99
37) 1-Methylnaphthalene	12.416	142	2237369	30.919	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.563	216	1174491	32.507	ng/ul	99
40) Hexachlorocyclopentadiene	12.546	237	506062	24.857	ng/ul	98
41) 2,4,6-Trichlorophenol	12.810	196	726063	30.085	ng/ul	99
42) 2,4,5-Trichlorophenol	12.893	196	816102	31.373	ng/ul	100
43) 1,1'-Biphenyl	13.210	154	2922949	32.220	ng/ul	99
44) 2-Chloronaphthalene	13.251	162	2281806	32.280	ng/ul	99
45) 2-Nitroaniline	13.457	65	617132	33.545	ng/ul	98
47) Dimethylphthalate	13.834	163	2817145	31.059	ng/ul	100
48) 2,6-Dinitrotoluene	13.951	165	579292	32.681	ng/ul	97
50) Acenaphthylene	14.104	152	3598688	32.867	ng/ul	100
51) 3-Nitroaniline	14.287	138	668425	34.313	ng/ul	98
52) Acenaphthene	14.440	153	2419970	31.173	ng/ul	99
53) 2,4-Dinitrophenol	14.487	184	290133	27.455	ng/ul	100
55) 4-Nitrophenol	14.622	109	403390	31.495	ng/ul	98
56) Dibenzofuran	14.787	168	3390139	31.516	ng/ul	100
57) 2,4-Dinitrotoluene	14.745	165	881788	33.445	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.016	232	625180	28.243	ng/ul	93
59) Diethylphthalate	15.216	149	2825093	31.088	ng/ul	99
61) Fluorene	15.440	166	2835388	31.774	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.440	204	1396892	31.622	ng/ul	98
63) 4-Nitroaniline	15.463	138	736388	38.853	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.522	198	509260	30.832	ng/ul	95
67) N-Nitrosodiphenylamine	15.657	169	2392295	32.188	ng/ul	100
68) 4-Bromophenyl-phenylether	16.345	248	888603	32.342	ng/ul	97
69) Hexachlorobenzene	16.469	284	1044689	31.382	ng/ul	98
70) Atrazine	16.628	200	309051	10.738	ng/ul	98
71) Pentachlorophenol	16.828	266	543739	26.554	ng/ul	99
72) Phenanthrene	17.216	178	4449528	32.354	ng/ul	100
74) Anthracene	17.310	178	4475752	32.272	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.175	216	1151963	32.303	ng/uL	99
76) Pentachlorobenzene	14.704	250	1141609	29.706	ng/uL	99
77) Carbazole	17.587	167	4339823	35.718	ng/ul	99
78) Di-n-butylphthalate	18.181	149	5047896	33.567	ng/ul	100
80) Fluoranthene	19.298	202	5245545	33.869	ng/ul	100
82) Pyrene	19.675	202	5516600	34.061	ng/ul	99
83) Butylbenzylphthalate	20.633	149	2450950	35.140	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.510	252	1915172	35.275	ng/ul	99
85) Benzo(a)anthracene	21.592	228	5482035	33.222	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	3522651	34.615	ng/ul	100
87) Chrysene	21.657	228	5118935	33.666	ng/ul	98
89) Di-n-octyl phthalate	22.810	149	5923894	36.475	ng/ul	100
90) Benzo(b)fluoranthene	23.898	252	5546640	33.740	ng/ul	99
91) Benzo(k)fluoranthene	23.974	252	5496683	33.353	ng/ul	99
93) Benzo(a)pyrene	24.804	252	4969232	32.368	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.786	276	6521502m	32.772	ng/ul	
95) Dibenzo(a,h)anthracene	28.857	278	5303661	32.856	ng/ul	99
96) Benzo(g,h,i)perylene	29.945	276	5019233m	32.930	ng/ul	

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

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