Quantitation Report (Qedit)

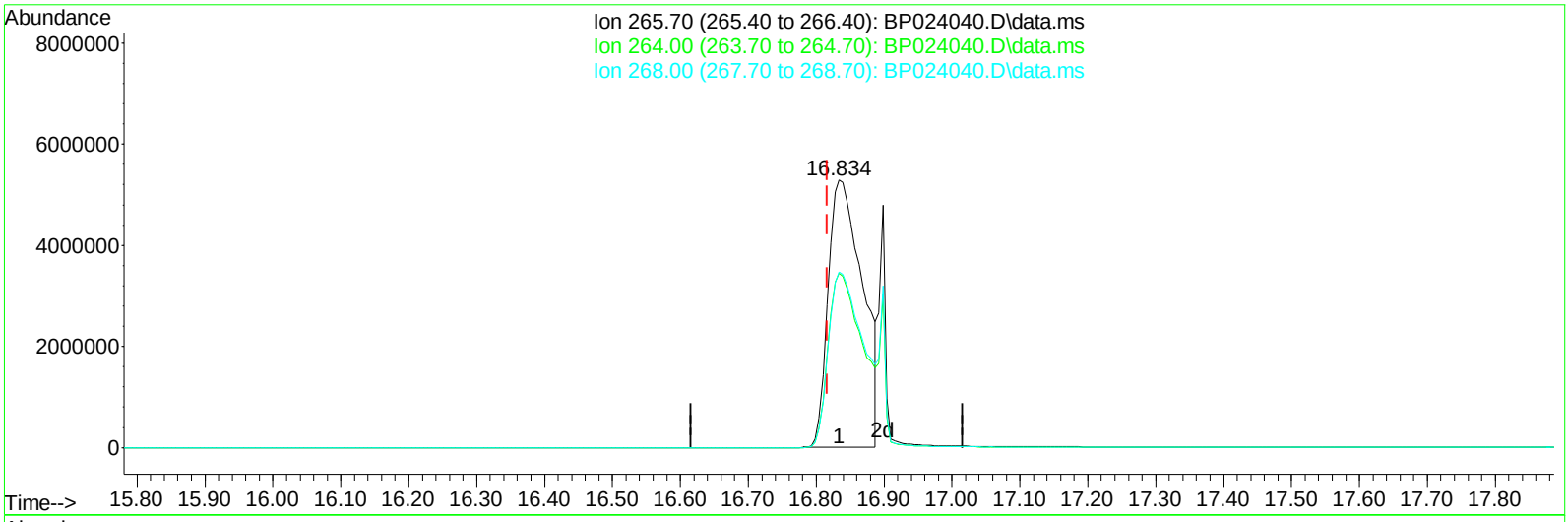
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021125\
Data File : BP024040.D
Acq On : 11 Feb 2025 15:38
Operator : RC/JU
Sample : Q1275-02MS 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

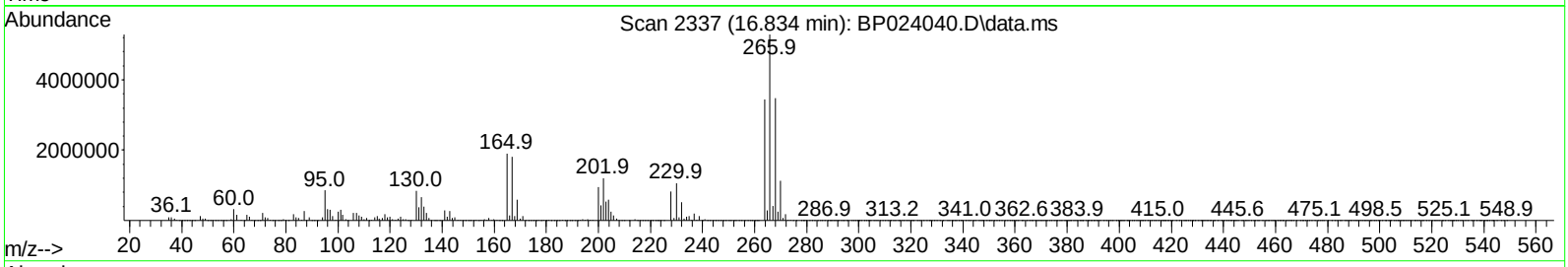
Quant Time: Feb 13 15:34:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 13 12:56:03 2025
Response via : Initial Calibration

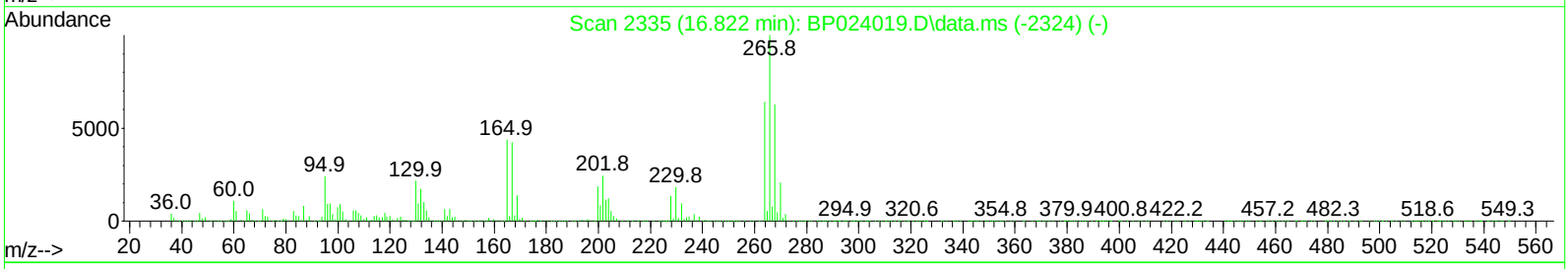
Instrument :
BNA_P
ClientSampleId :
DCZT0MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/13/2025
Supervised By :Sohil Jodhani 02/18/2025







TIC: BP024040.D\data.ms

(71) Pentachlorophenol (C)

16.834min (+ 0.018) 976.11 ng/ul

response 18596256

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	63.50	65.10
268.00	63.90	65.67
0.00	0.00	0.00

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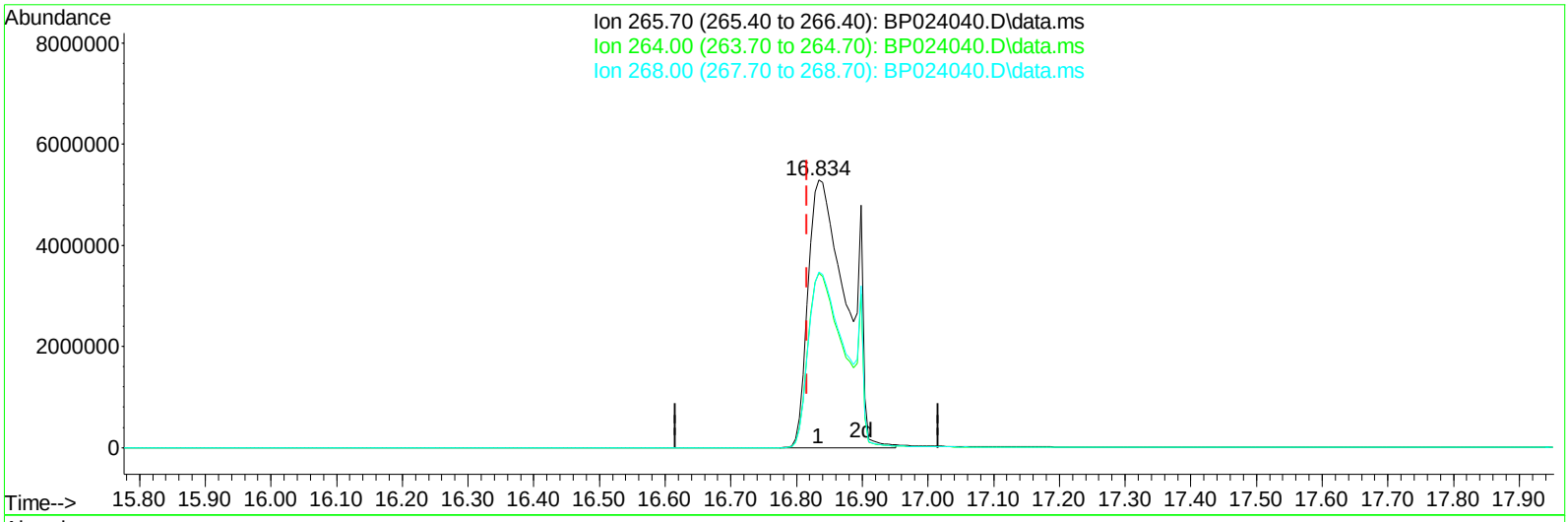

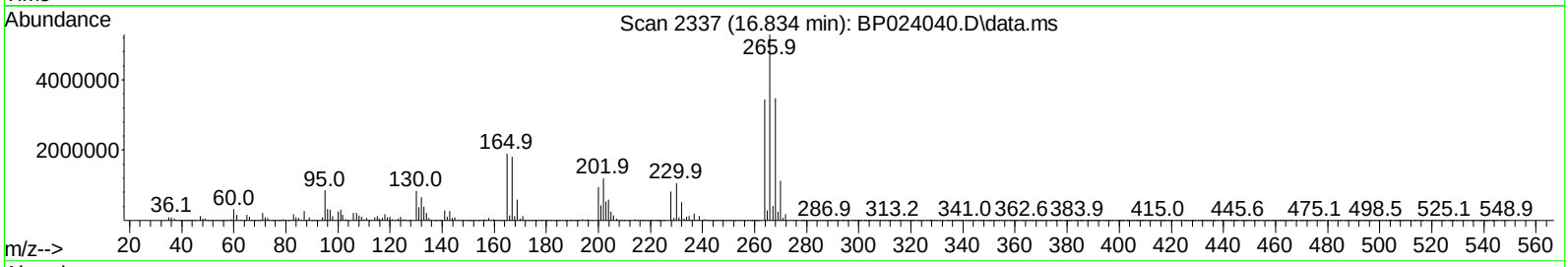

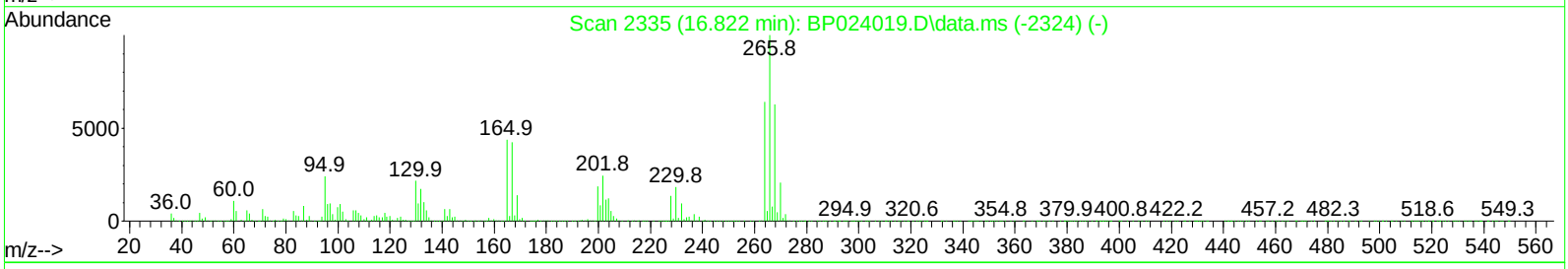

TIC: BP024040.D\data.ms

(71) Pentachlorophenol (C)

16.834min (+ 0.018) 1146.60 ng/ul m

response 21844343

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	63.50	65.10
268.00	63.90	65.67
0.00	0.00	0.00

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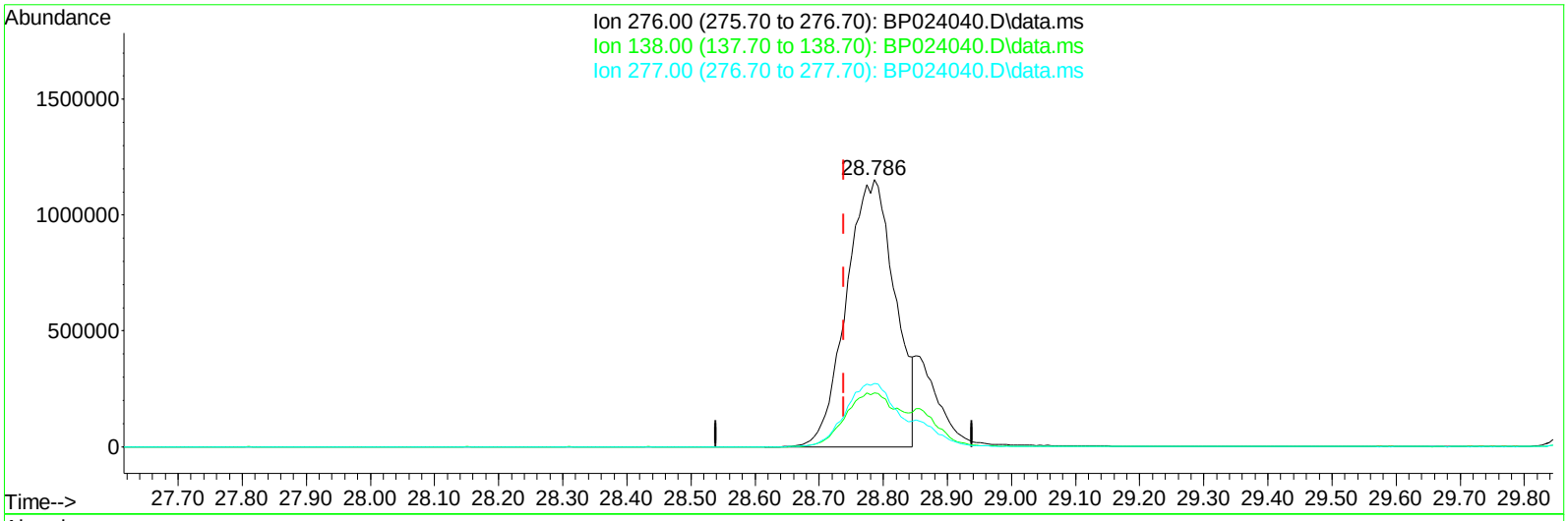

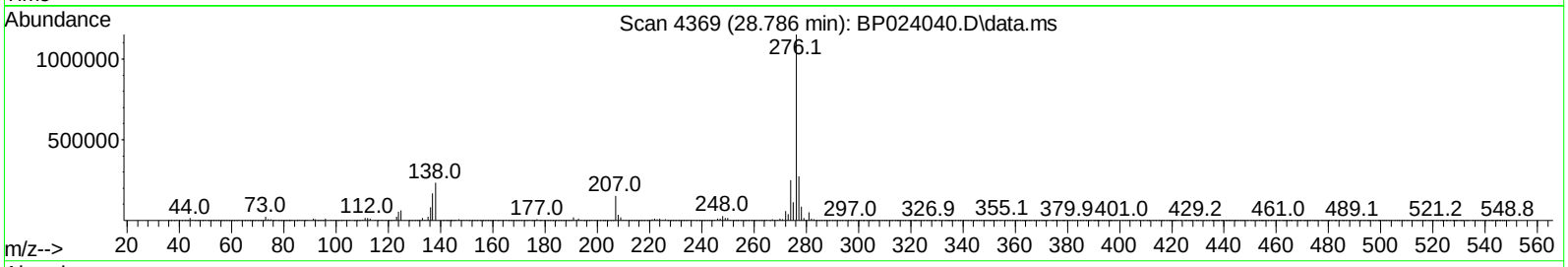

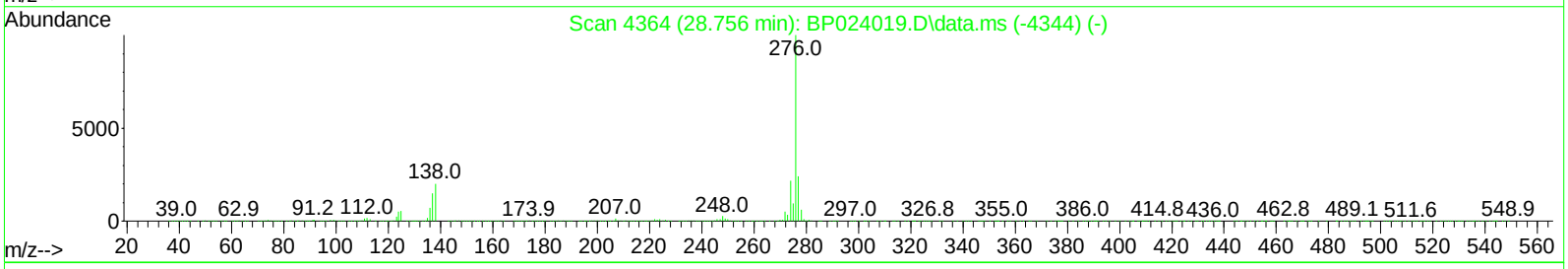

TIC: BP024040.D\data.ms

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

28.786min (+ 0.047) 35.70 ng/ul

response 6063830

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.24
277.00	23.70	23.83
0.00	0.00	0.00

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ALS Vial : 10 Sample Multiplier: 1

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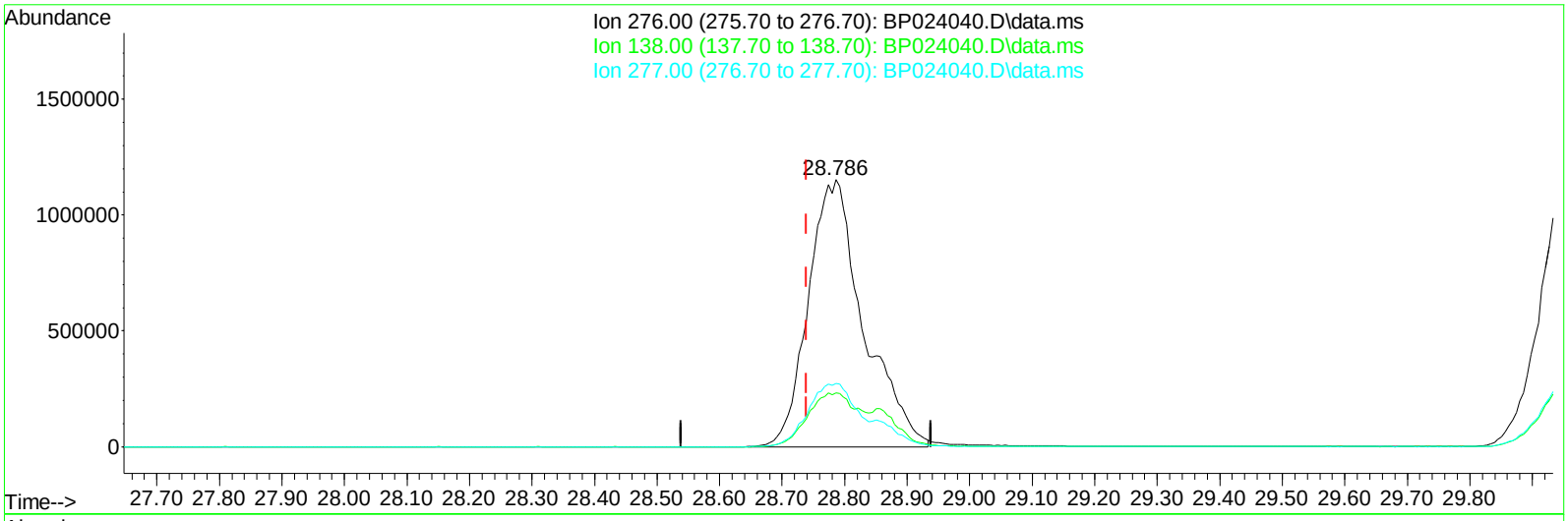

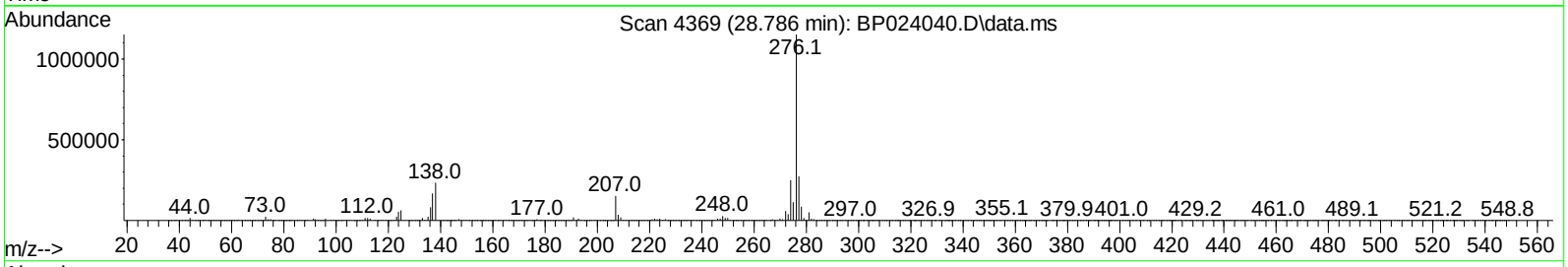

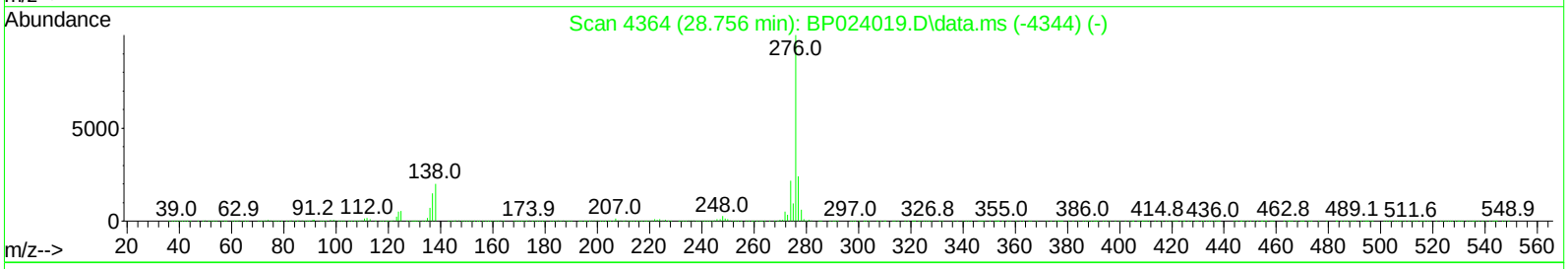

TIC: BP024040.D\data.ms

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

28.786min (+ 0.047) 41.53 ng/ul m

response 7053493

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.24
277.00	23.70	23.83
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	7.764	152	466846	20.000	ng/ul	0.00
20) Naphthalene-d8	10.534	136	1962253	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.375	164	1199995	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.187	188	2265770	20.000	ng/ul	0.02
79) Chrysene-d12	21.616	240	2292993	20.000	ng/ul	0.01
88) Perylene-d12	24.969	264	2312338	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	65130	5.796	ng/uL	0.00
4) Pyridine-d5	3.705	84	433772	13.379	ng/ul	0.00
7) Phenol-d5	6.946	99	420200	10.171	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.099	67	754304	34.493	ng/ul	0.00
11) 2-Chlorophenol-d4	7.311	132	1053186	32.462	ng/ul	0.00
15) 4-Methylphenol-d8	8.469	113	776332	23.003	ng/ul	0.00
21) Nitrobenzene-d5	8.905	128	569438	36.272	ng/ul	0.00
24) 2-Nitrophenol-d4	9.622	143	626798	37.001	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.163	165	1149390	36.986	ng/ul	0.00
31) 4-Chloroaniline-d4	10.669	131	1517069	32.643	ng/ul	0.00
46) Dimethylphthalate-d6	13.787	166	3603893	40.263	ng/ul	0.00
49) Acenaphthylene-d8	14.069	160	3996625	39.589	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	207168	11.655	ng/ul	0.00
60) Fluorene-d10	15.387	176	3023587	40.113	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	573653	41.040	ng/ul	0.00
73) Anthracene-d10	17.287	188	4601857	41.365	ng/ul	0.02
81) Pyrene-d10	19.651	212	5299565	43.134	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.751	264	5372981	44.535	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	75185	6.363	ng/uL	94
5) Pyridine	3.728	79	471645	14.530	ng/ul	99
6) Benzaldehyde	6.911	77	476177	23.483	ng/ul	99
8) Phenol	6.975	94	456154	10.753	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.193	93	1096809	33.964	ng/ul	99
12) 2-Chlorophenol	7.340	128	1087712	32.543	ng/ul	99
13) 2-Methylphenol	8.211	108	850762	26.653	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.275	45	1041546	31.262	ng/ul	98
16) Acetophenone	8.575	105	1883458	36.506	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.558	70	869243	35.779	ng/ul	98
18) 4-Methylphenol	8.534	108	837621	23.651	ng/ul	99
19) Hexachloroethane	8.834	117	233952	17.702	ng/ul	99
22) Nitrobenzene	8.946	77	1215510	35.677	ng/ul	98
23) Isophorone	9.475	82	2873193	41.767	ng/ul	100
25) 2-Nitrophenol	9.652	139	675004	36.532	ng/ul	99
26) 2,4-Dimethylphenol	9.722	107	1175829	34.382	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.946	93	1491866	34.816	ng/ul	100
29) 2,4-Dichlorophenol	10.187	162	1170986	37.157	ng/ul	99
30) Naphthalene	10.581	128	3148644	29.977	ng/ul	99
32) 4-Chloroaniline	10.693	127	1165879	26.582	ng/ul	99
33) Hexachlorobutadiene	10.869	225	432315	22.660	ng/ul	100
35) 4-Chloro-3-methylphenol	11.822	107	1234971	36.455	ng/ul	99
36) 2-Methylnaphthalene	12.193	142	2455916	33.255	ng/ul	100

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Instrument :
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.410	142	2558502	34.922	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.557	216	1315913	37.094	ng/ul	98
40) Hexachlorocyclopentadiene	12.540	237	423517	21.186	ng/ul	99
41) 2,4,6-Trichlorophenol	12.804	196	1080743	45.608	ng/ul	98
42) 2,4,5-Trichlorophenol	12.875	196	1164347	45.587	ng/ul	100
43) 1,1'-Biphenyl	13.204	154	3339027	37.486	ng/ul	99
44) 2-Chloronaphthalene	13.246	162	2648634	38.161	ng/ul	99
45) 2-Nitroaniline	13.451	65	772257	42.752	ng/ul	99
47) Dimethylphthalate	13.834	163	3539147	39.740	ng/ul	99
48) 2,6-Dinitrotoluene	13.946	165	729758	41.930	ng/ul	99
50) Acenaphthylene	14.099	152	4241026	39.448	ng/ul	100
51) 3-Nitroaniline	14.287	138	777956	40.672	ng/ul	100
52) Acenaphthene	14.446	153	3046424	39.967	ng/ul	99
53) 2,4-Dinitrophenol	14.493	184	370581	35.715	ng/ul	95
55) 4-Nitrophenol	14.616	109	147144	11.701	ng/ul	94
56) Dibenzofuran	14.781	168	4187147	39.643	ng/ul	98
57) 2,4-Dinitrotoluene	14.746	165	1065247	41.149	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.028	232	11166324	513.765	ng/ul	98
59) Diethylphthalate	15.216	149	3583352	40.160	ng/ul	98
61) Fluorene	15.445	166	3520570	40.180	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.440	204	1724210	39.753	ng/ul	98
63) 4-Nitroaniline	15.463	138	838863	45.077	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.516	198	617972	40.212	ng/ul#	93
67) N-Nitrosodiphenylamine	15.651	169	2901662	41.962	ng/ul	100
68) 4-Bromophenyl-phenylether	16.351	248	1094764	42.826	ng/ul	98
69) Hexachlorobenzene	16.469	284	1313614	42.412	ng/ul	99
70) Atrazine	16.675	200	968201	36.156	ng/ul	99
71) Pentachlorophenol	16.834	266	21844343m	1146.602	ng/ul	
72) Phenanthrene	17.228	178	5370728	41.974	ng/ul	99
74) Anthracene	17.322	178	5304684	41.110	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.169	216	1330805	40.110	ng/uL	99
76) Pentachlorobenzene	14.698	250	1496407	41.852	ng/uL	99
77) Carbazole	17.598	167	5038652	44.571	ng/ul	99
78) Di-n-butylphthalate	18.181	149	6211994	44.397	ng/ul	100
80) Fluoranthene	19.304	202	6229298	44.017	ng/ul	99
82) Pyrene	19.681	202	6395908	43.217	ng/ul	97
83) Butylbenzylphthalate	20.628	149	2784739	43.695	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.516	252	865543	17.447	ng/ul	99
85) Benzo(a)anthracene	21.598	228	6363313	42.202	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.539	149	3921916	42.177	ng/ul	99
87) Chrysene	21.669	228	5893625	42.420	ng/ul	98
89) Di-n-octyl phthalate	22.816	149	6490371	46.824	ng/ul	100
90) Benzo(b)fluoranthene	23.910	252	6155515	43.872	ng/ul	99
91) Benzo(k)fluoranthene	23.986	252	6311317	44.870	ng/ul	99
93) Benzo(a)pyrene	24.827	252	5692809	43.447	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.786	276	7053493m	41.530	ng/ul	
95) Dibenzo(a,h)anthracene	28.857	278	5762206	41.824	ng/ul	99
96) Benzo(g,h,i)perylene	29.945	276	5492005	42.217	ng/ul	99

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

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