Quantitation Report (Qedit)

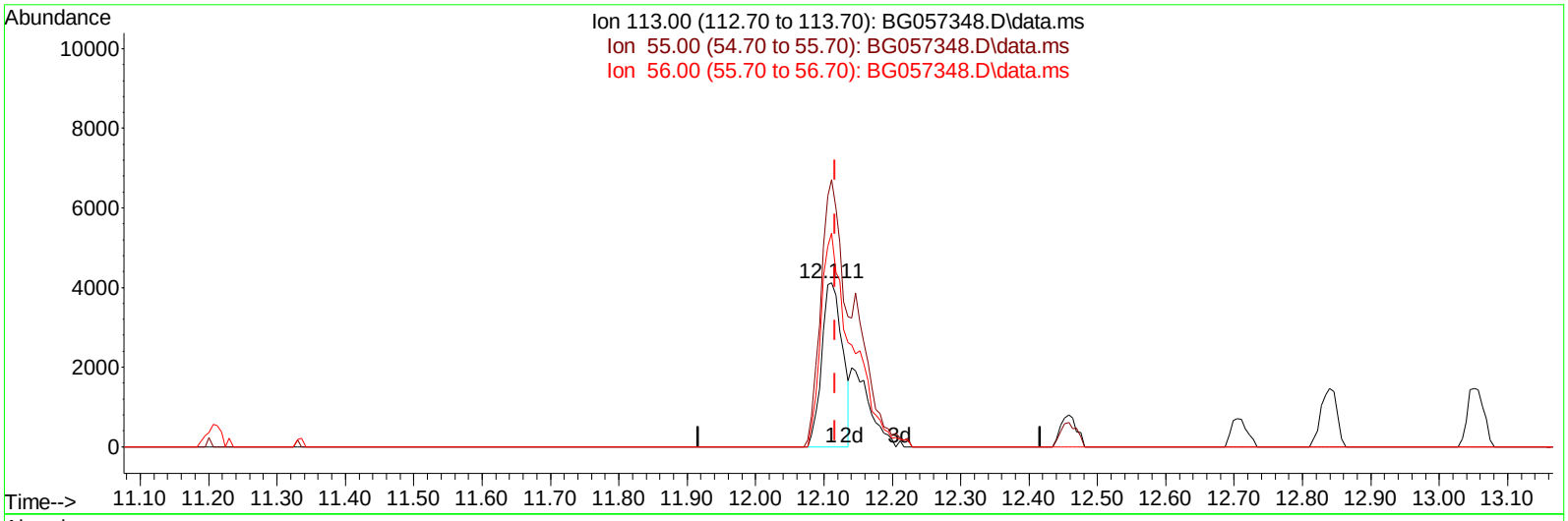
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050823\
Data File : BG057348.D
Acq On : 9 May 2023 3:05
Operator : CG/JU
Sample : PB152657BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

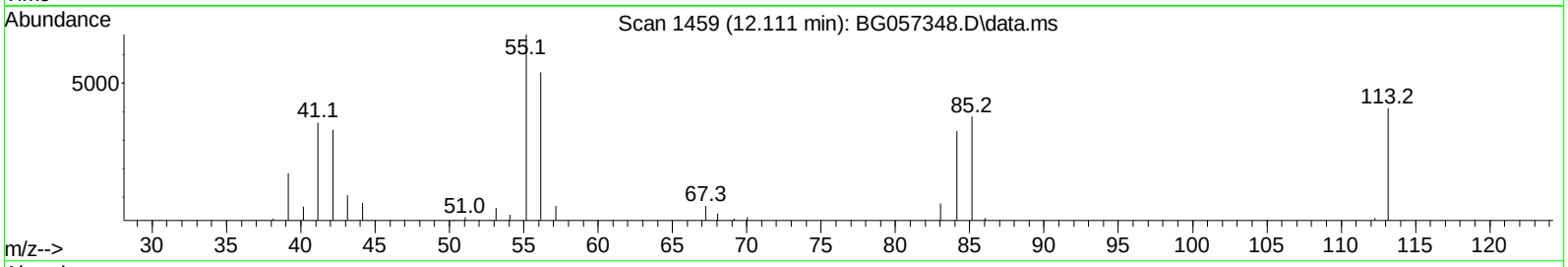
Quant Time: May 09 04:07:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 08 11:47:25 2023
Response via : Initial Calibration

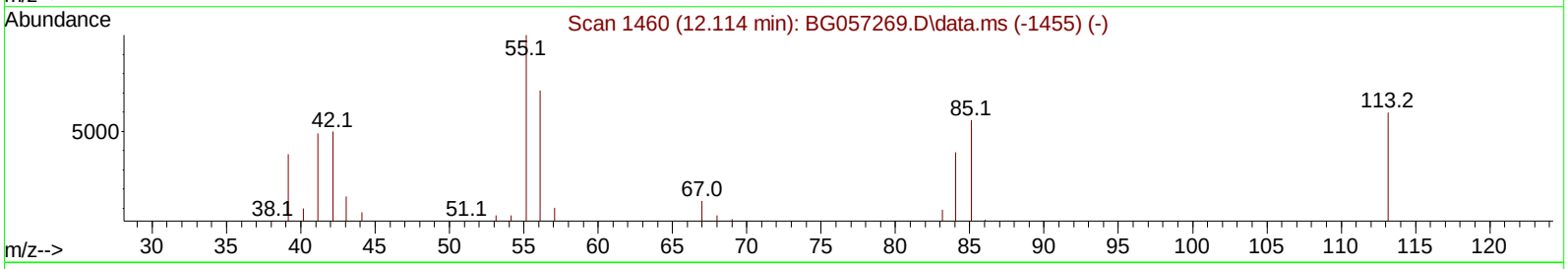
Instrument :
BNA_G
ClientSampleId :
SLCS657

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023







TIC: BG057348.D\data.ms

(34) Caprolactam

12.111min (-0.005) 19.99 ng/ul

response 8619

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.90	162.90
56.00	123.40	130.47
0.00	0.00	0.00

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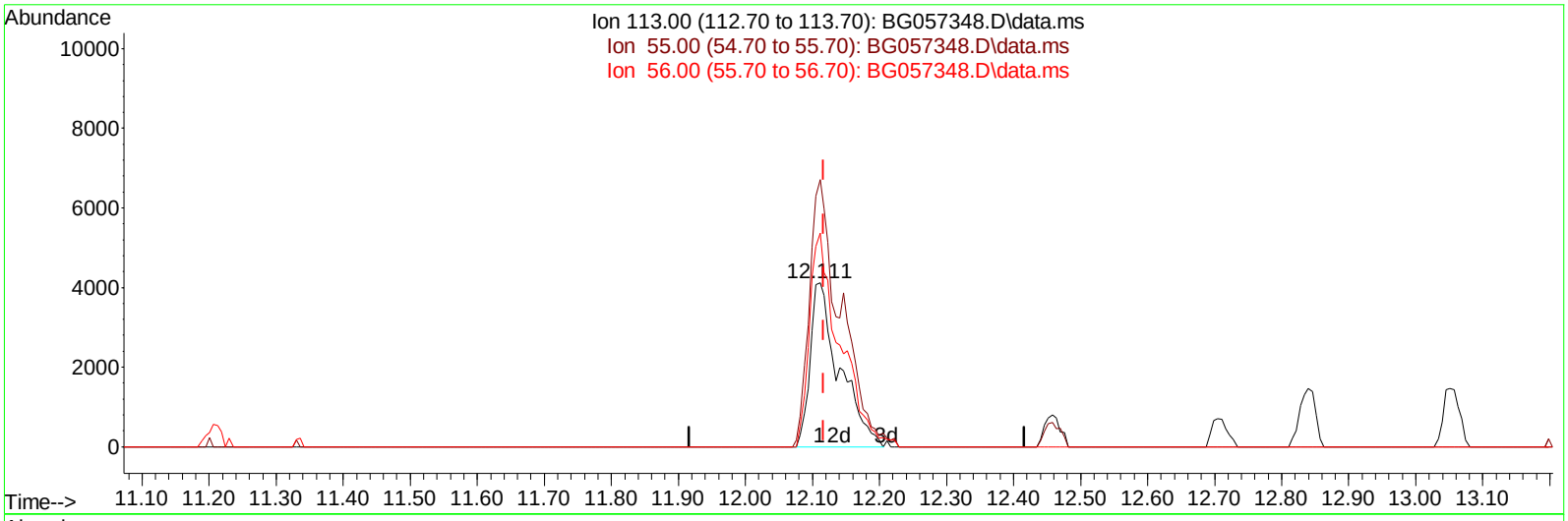

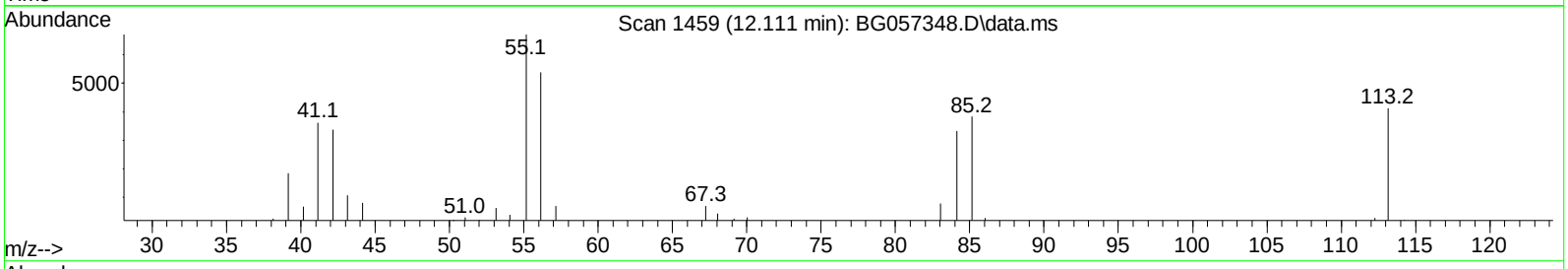

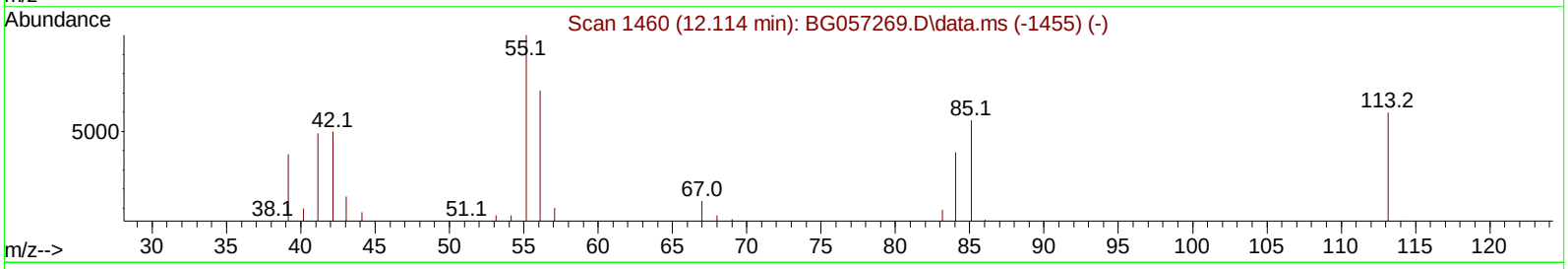

TIC: BG057348.D\data.ms

(34) Caprolactam

12.111min (-0.005) 29.01 ng/ul m

response 12510

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.90	162.90
56.00	123.40	130.47
0.00	0.00	0.00

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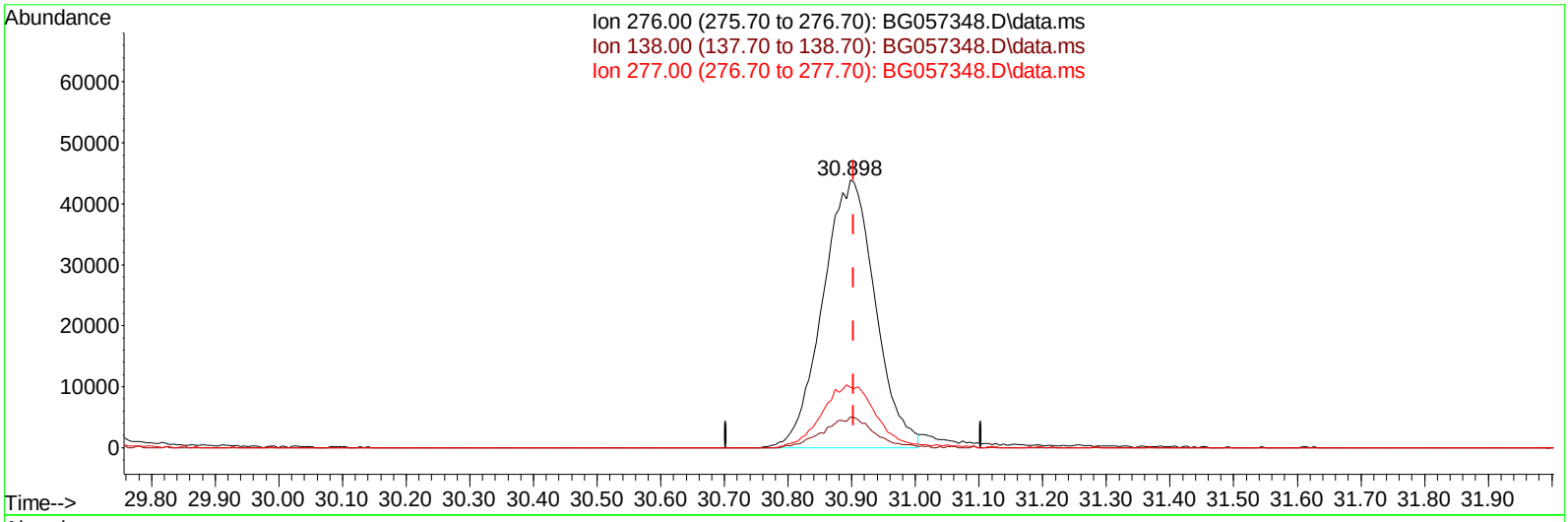

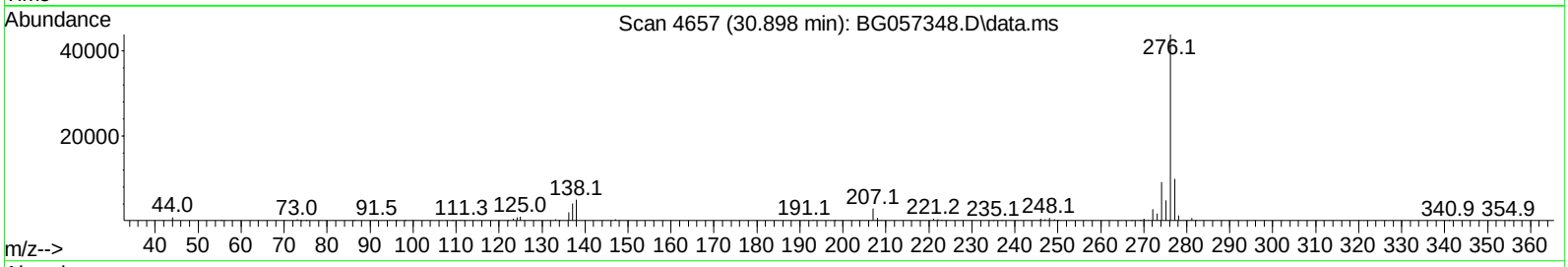

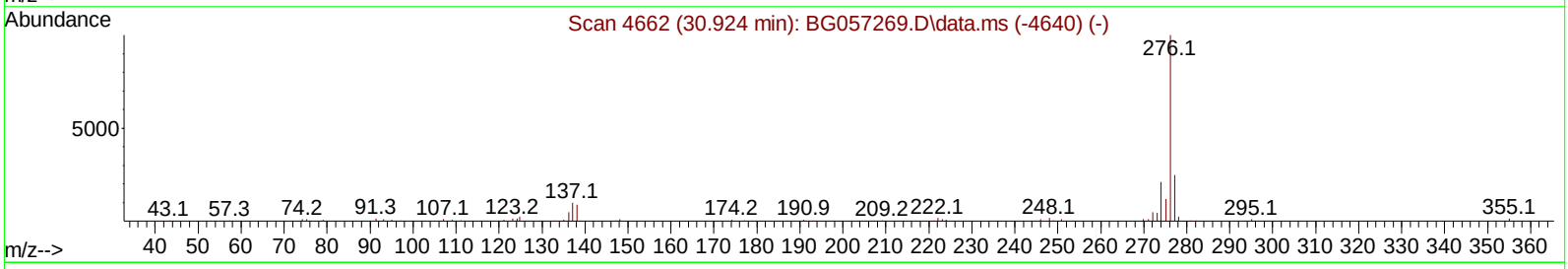

TIC: BG057348.D\data.ms

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

30.898min (-0.005) 29.32 ng/ul

response 251145

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	11.37
277.00	23.00	22.64
0.00	0.00	0.00

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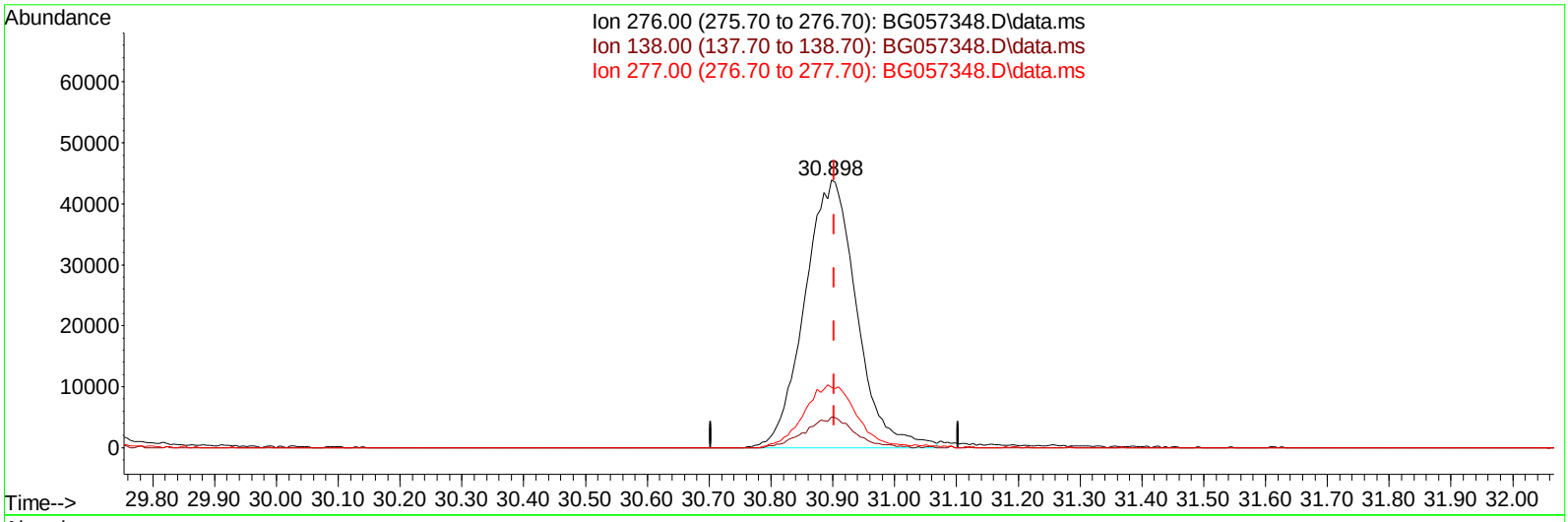

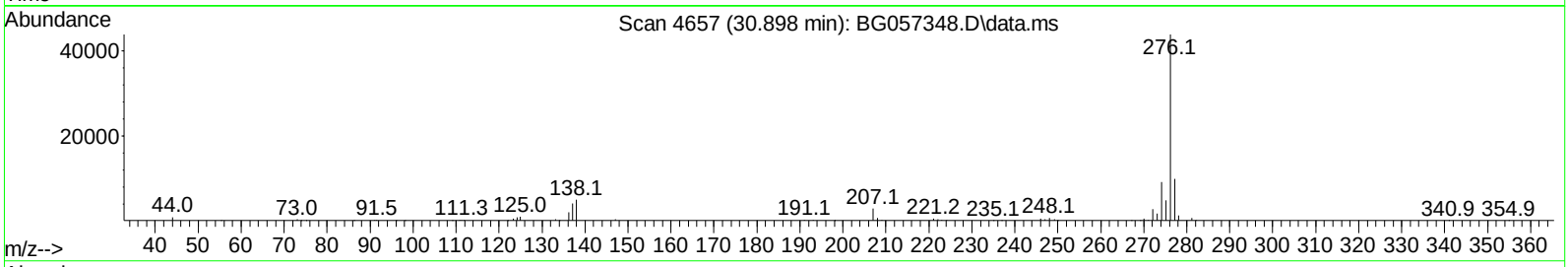

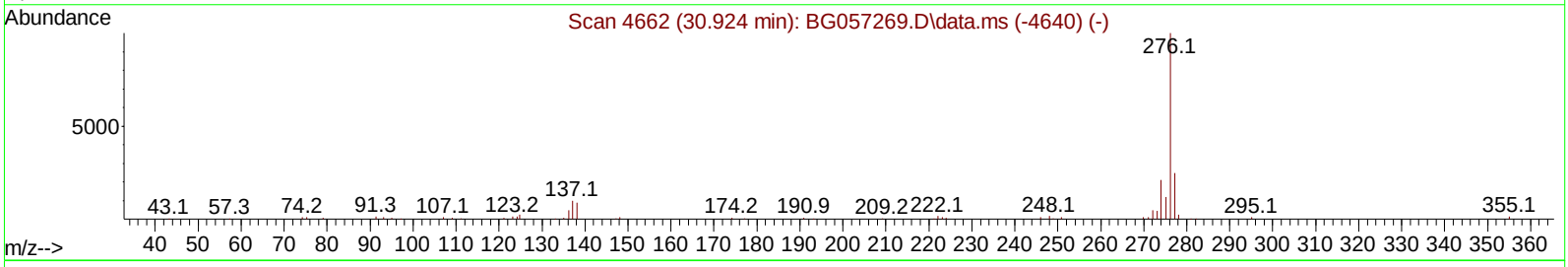

TIC: BG057348.D\data.ms

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

30.898min (-0.005) 29.99 ng/ul m

response 256864

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	11.37
277.00	23.00	22.64
0.00	0.00	0.00

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Quant Time: May 09 04:09:16 2023
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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	8.369	152	16352	20.000	ng/ul	0.00
20) Naphthalene-d8	11.207	136	75264	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.984	164	61051	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.727	188	147871	20.000	ng/ul	0.00
79) Chrysene-d12	22.039	240	137154	20.000	ng/ul	0.00
88) Perylene-d12	25.558	264	141632	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.652	96	2145	5.772	ng/uL	0.00
4) Pyridine-d5	4.093	84	19077	16.284	ng/ul	0.00
7) Phenol-d5	7.512	99	49267	31.859	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.676	67	25432	27.961	ng/ul	0.00
11) 2-Chlorophenol-d4	7.899	132	33988	33.352	ng/ul	0.00
15) 4-Methylphenol-d8	9.074	113	38705	32.931	ng/ul	0.00
21) Nitrobenzene-d5	9.550	128	17267	28.808	ng/ul	0.00
24) 2-Nitrophenol-d4	10.278	143	21537	30.789	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.825	165	43686	32.371	ng/ul	0.00
31) 4-Chloroaniline-d4	11.336	131	21389	11.958	ng/ul	0.00
46) Dimethylphthalate-d6	14.373	166	142953	29.551	ng/ul	0.00
49) Acenaphthylene-d8	14.684	160	164081	30.179	ng/ul	0.00
54) 4-Nitrophenol-d4	15.178	143	19424	27.585	ng/ul	0.00
60) Fluorene-d10	15.971	176	133766	29.683	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.088	200	28038	32.003	ng/ul	0.00
73) Anthracene-d10	17.827	188	208950	30.957	ng/ul	0.00
81) Pyrene-d10	20.089	212	252914	31.067	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.317	264	233112	32.306	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.687	88	4103	10.412	ng/uL#	86
5) Pyridine	4.110	79	28857	23.367	ng/ul	94
6) Benzaldehyde	7.494	77	24965	52.857	ng/ul	87
8) Phenol	7.541	94	46926	30.107	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.770	93	32137	27.549	ng/ul	96
12) 2-Chlorophenol	7.935	128	33181	30.998	ng/ul	96
13) 2-Methylphenol	8.810	108	35829	29.661	ng/ul	85
14) 2,2'-oxybis(1-Chloropr...	8.892	45	38139	25.358	ng/ul#	94
16) Acetophenone	9.198	105	57774	28.566	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.174	70	31375	26.996	ng/ul	97
18) 4-Methylphenol	9.139	108	39478	30.194	ng/ul	97
19) Hexachloroethane	9.468	117	13254	29.595	ng/ul	96
22) Nitrobenzene	9.591	77	48803	27.344	ng/ul	95
23) Isophorone	10.108	82	88682	26.115	ng/ul	98
25) 2-Nitrophenol	10.308	139	21149	29.851	ng/ul	93
26) 2,4-Dimethylphenol	10.355	107	44909	27.942	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.584	93	46838	26.534	ng/ul	98
29) 2,4-Dichlorophenol	10.854	162	39609	30.921	ng/ul	93
30) Naphthalene	11.260	128	117575	28.452	ng/ul	98
32) 4-Chloroaniline	11.359	127	39904	21.411	ng/ul	97
33) Hexachlorobutadiene	11.530	225	30685	28.243	ng/ul	95
34) Caprolactam	12.111	113	12510m	29.010	ng/ul	
35) 4-Chloro-3-methylphenol	12.458	107	44696	30.326	ng/ul	94

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	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36)	2-Methylnaphthalene	12.840	142	86265	28.466 ng/ul	96
37)	1-Methylnaphthalene	13.057	142	88756	29.127 ng/ul#	98
39)	1,2,4,5-Tetrachloroben...	13.198	216	63210	28.491 ng/ul	96
40)	Hexachlorocyclopentadiene	13.169	237	13077	11.811 ng/ul	99
41)	2,4,6-Trichlorophenol	13.433	196	38274	29.621 ng/ul	99
42)	2,4,5-Trichlorophenol	13.515	196	40450	29.158 ng/ul	93
43)	1,1'-Biphenyl	13.821	154	129523	27.804 ng/ul	99
44)	2-Chloronaphthalene	13.874	162	103049	28.530 ng/ul	98
45)	2-Nitroaniline	14.067	65	32223	29.551 ng/ul	97
47)	Dimethylphthalate	14.420	163	133760	27.535 ng/ul	99
48)	2,6-Dinitrotoluene	14.555	165	29038	29.046 ng/ul	98
50)	Acenaphthylene	14.714	152	154572	27.976 ng/ul	99
51)	3-Nitroaniline	14.884	138	24788	34.993 ng/ul	98
52)	Acenaphthene	15.049	153	109282	27.760 ng/ul	98
53)	2,4-Dinitrophenol	15.101	184	14349	26.952 ng/ul	94
55)	4-Nitrophenol	15.189	109	21065	26.390 ng/ul	95
56)	Dibenzofuran	15.377	168	160698	28.269 ng/ul	99
57)	2,4-Dinitrotoluene	15.336	165	42391	29.620 ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	15.607	232	36857	29.238 ng/ul#	94
59)	Diethylphthalate	15.765	149	137173	27.793 ng/ul	98
61)	Fluorene	16.024	166	136337	28.363 ng/ul	100
62)	4-Chlorophenyl-phenyle...	16.006	204	78271	27.898 ng/ul	97
63)	4-Nitroaniline	16.041	138	27296	40.691 ng/ul	95
66)	4,6-Dinitro-2-methylph...	16.106	198	26456	29.634 ng/ul	99
67)	N-Nitrosodiphenylamine	16.218	169	114354	29.605 ng/ul	98
68)	4-Bromophenyl-phenylether	16.899	248	52524	29.718 ng/ul	97
69)	Hexachlorobenzene	17.034	284	57892	31.106 ng/ul	96
70)	Atrazine	17.152	200	30753	17.914 ng/ul	98
71)	Pentachlorophenol	17.375	266	22018	25.594 ng/ul	96
72)	Phenanthrene	17.768	178	227203	29.505 ng/ul	99
74)	Anthracene	17.862	178	225782	29.189 ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.797	216	67262	30.242 ng/uL	97
76)	Pentachlorobenzene	15.301	250	67766	29.933 ng/uL	94
77)	Carbazole	18.127	167	194499	30.089 ng/ul	98
78)	Di-n-butylphthalate	18.644	149	226736	30.674 ng/ul	99
80)	Fluoranthene	19.760	202	285519	29.524 ng/ul	98
82)	Pyrene	20.118	202	286299	29.244 ng/ul	99
83)	Butylbenzylphthalate	20.970	149	100765	32.140 ng/ul	99
84)	3,3'-Dichlorobenzidine	21.916	252	90180	29.606 ng/ul	98
85)	Benzo(a)anthracene	22.016	228	290704	29.969 ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.863	149	144592	31.710 ng/ul	97
87)	Chrysene	22.092	228	271249	29.639 ng/ul	96
89)	Di-n-octyl phthalate	23.161	149	233942	29.911 ng/ul	100
90)	Benzo(b)fluoranthene	24.430	252	296061	30.186 ng/ul	97
91)	Benzo(k)fluoranthene	24.500	252	280213	29.366 ng/ul	99
93)	Benzo(a)pyrene	25.393	252	254435	30.049 ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	29.623	276	322452	30.465 ng/ul	99
95)	Dibenzo(a,h)anthracene	29.676	278	265880	30.294 ng/ul	97
96)	Benzo(g,h,i)perylene	30.898	276	256864m	29.986 ng/ul	

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

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