Quantitation Report (Qedit)

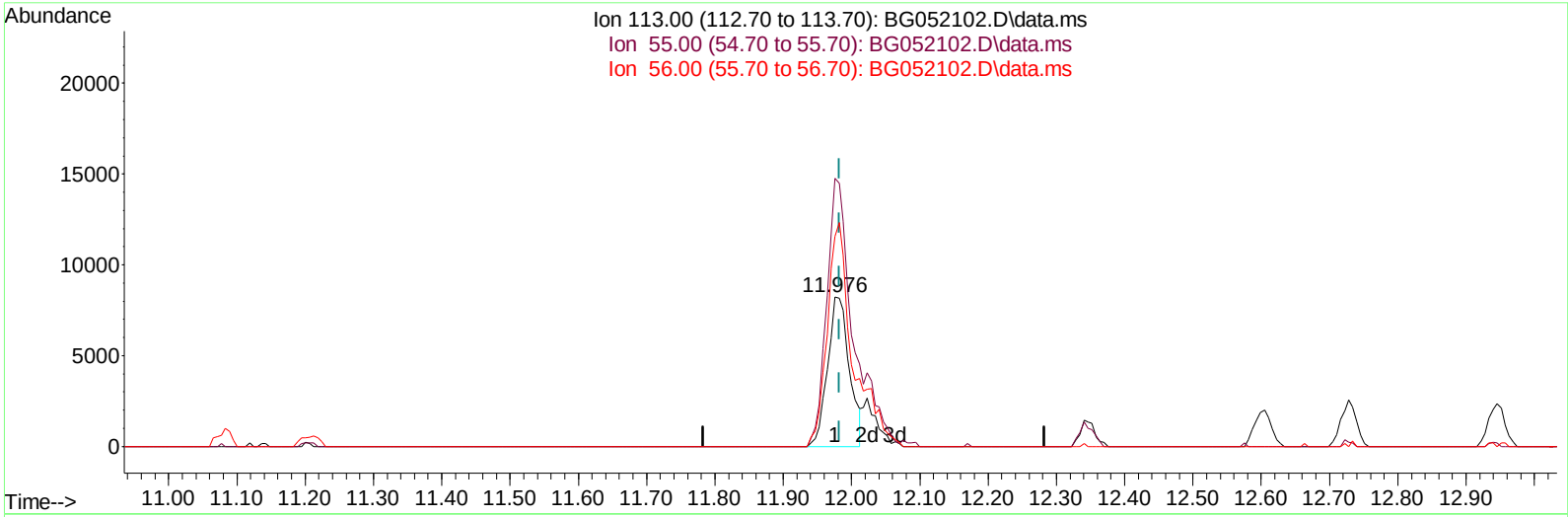
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011922\
Data File : BG052102.D
Acq On : 20 Jan 2022 20:39
Operator : CG/JU
Sample : PB142154BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

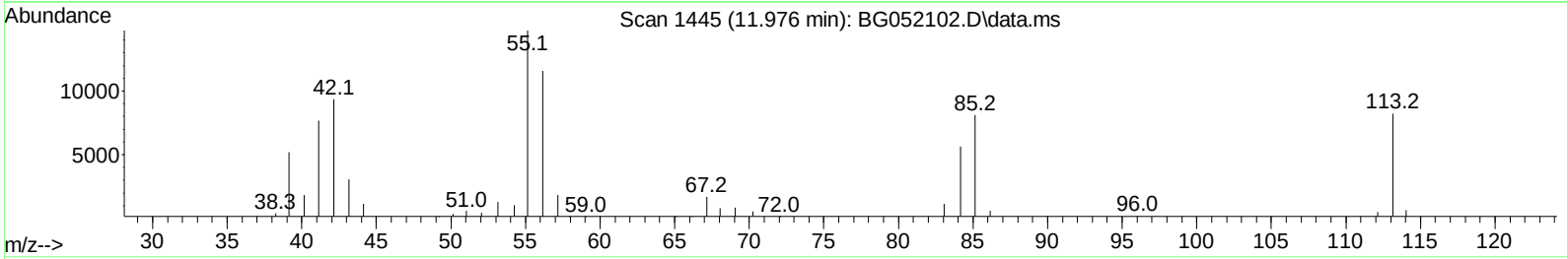
Quant Time: Jan 21 00:01:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

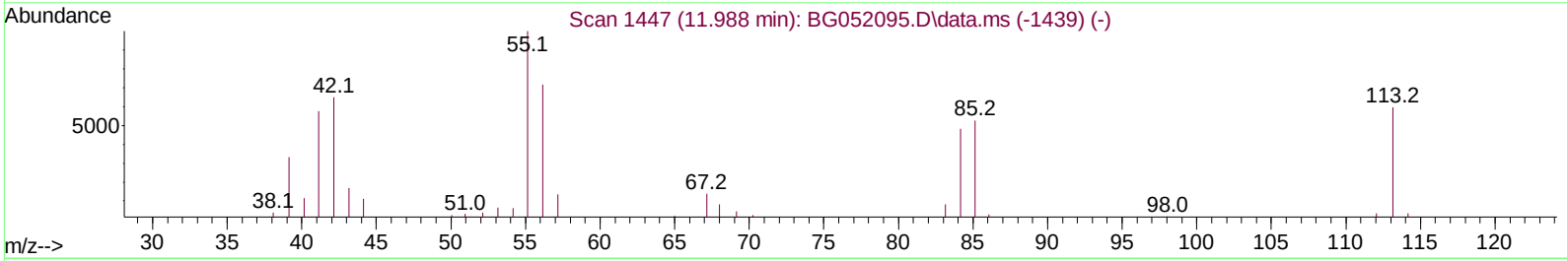
Instrument :
BNA_G
ClientSampleId :
SLCS154

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :Yogesh Patel 01/23/2022







TIC: BG052102.D\data.ms

(34) Caprolactam

11.976min (-0.007) 25.59 ng/ul

response 18126

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	179.28
56.00	136.50	140.66
0.00	0.00	0.00

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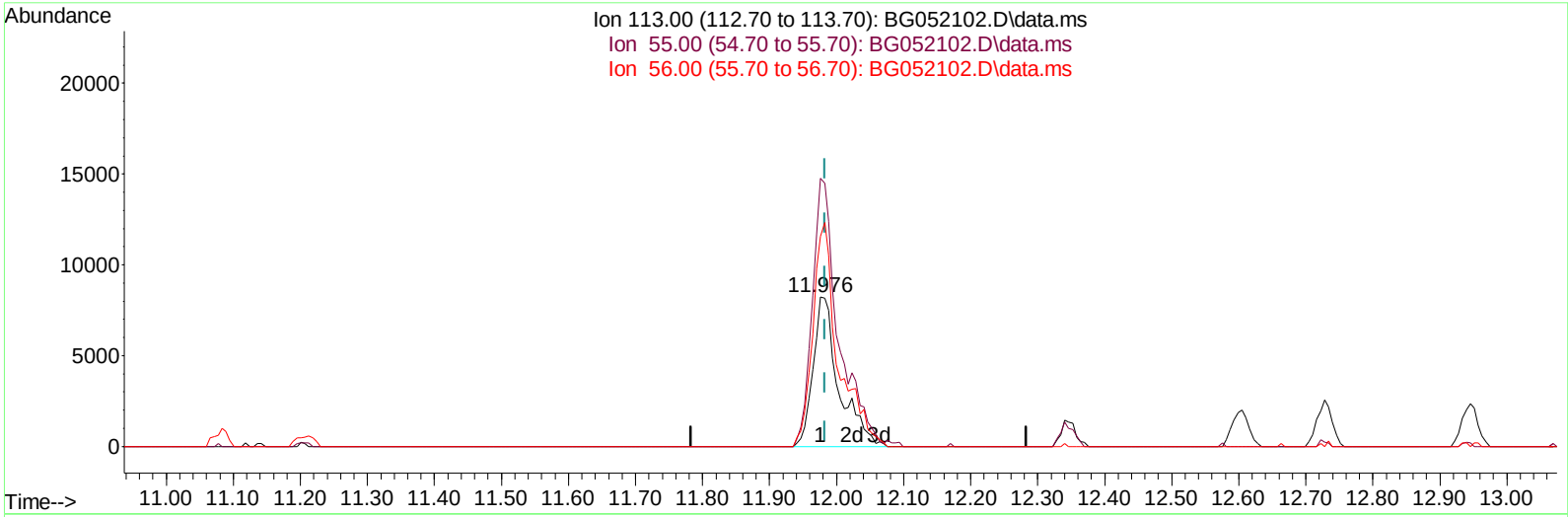

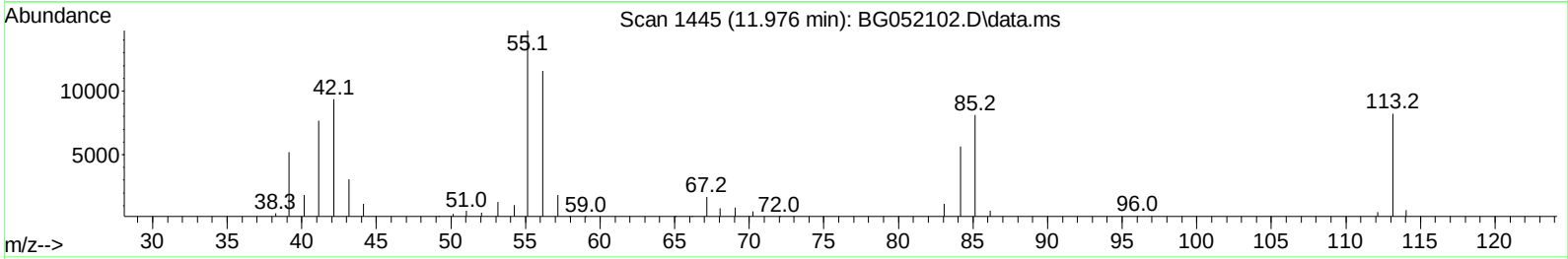

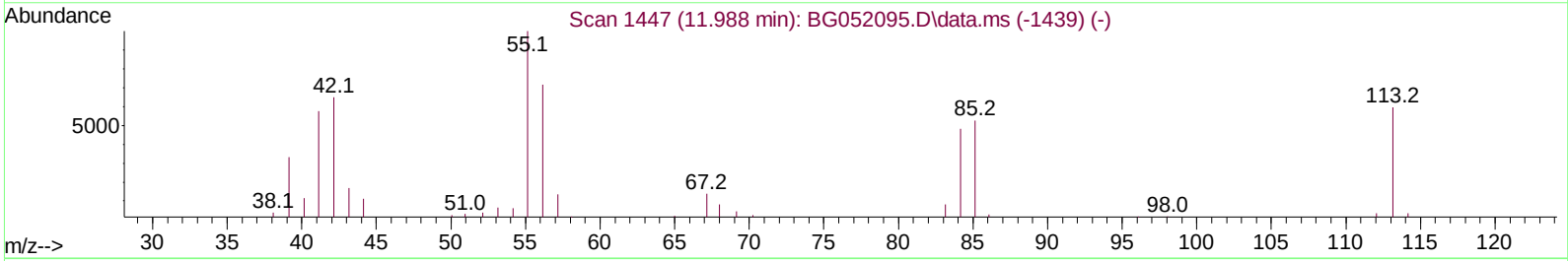

TIC: BG052102.D\data.ms

(34) Caprolactam

11.976min (-0.007) 31.09 ng/ul m

response 22025

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	179.28
56.00	136.50	140.66
0.00	0.00	0.00

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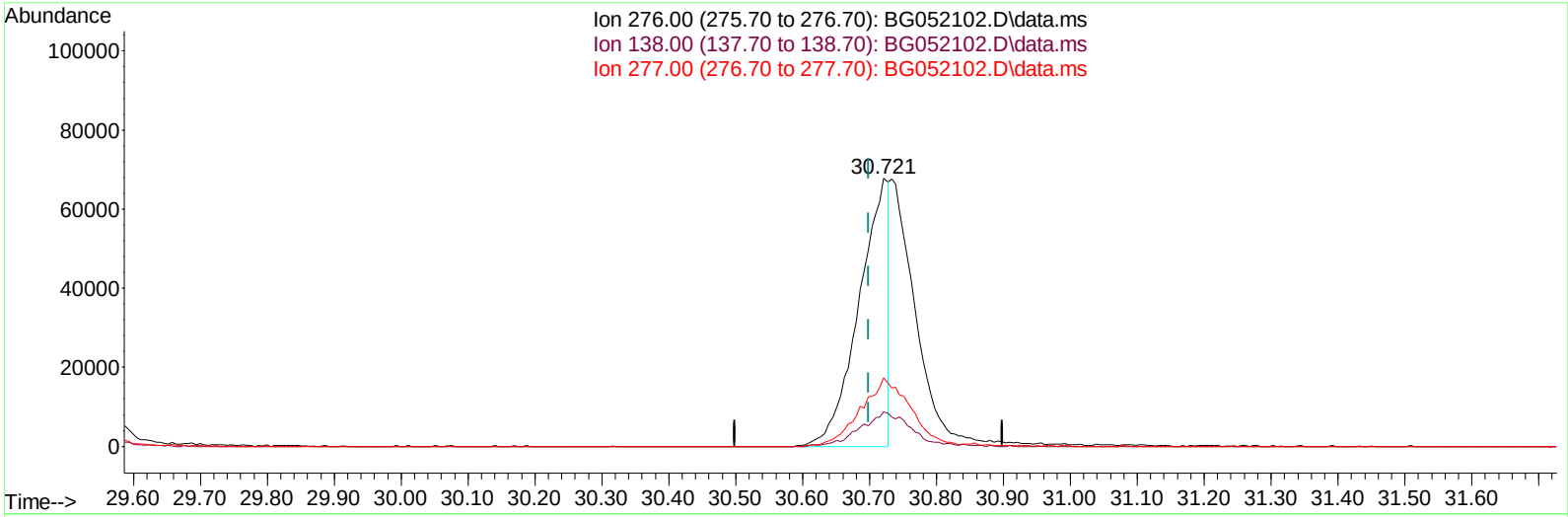

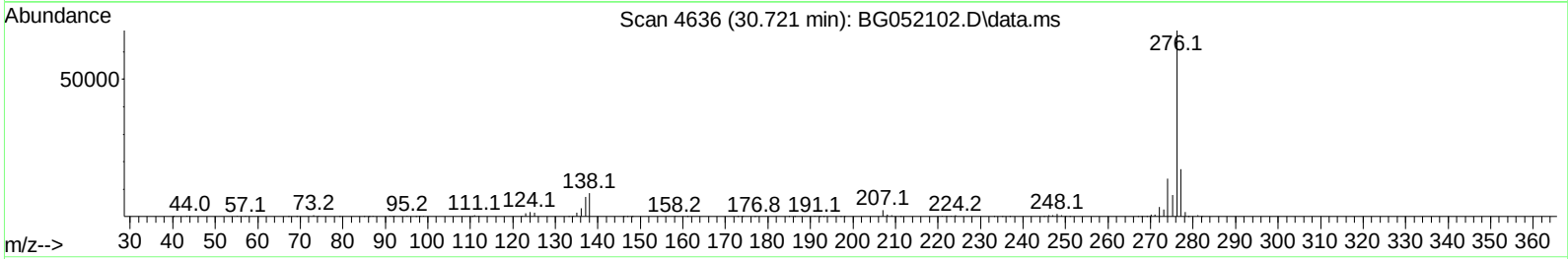

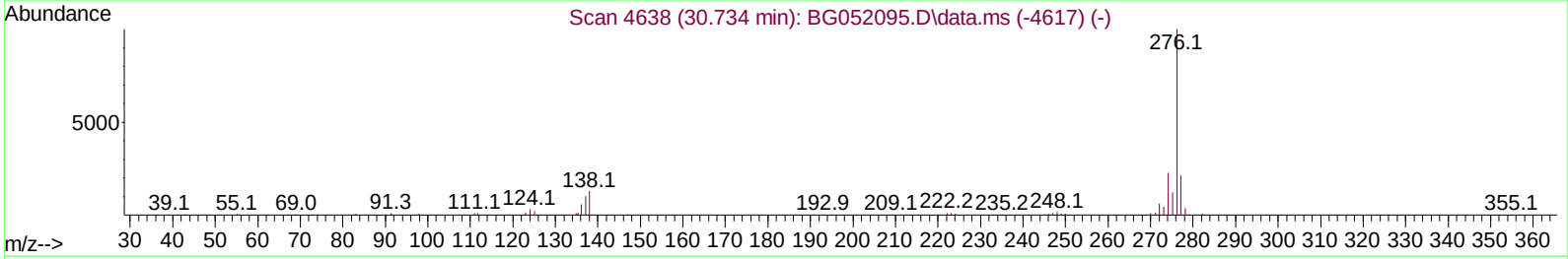

TIC: BG052102.D\data.ms

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

30.721min (+ 0.022) 19.50 ng/ul

response 207232

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	12.82#
277.00	22.00	25.71
0.00	0.00	0.00

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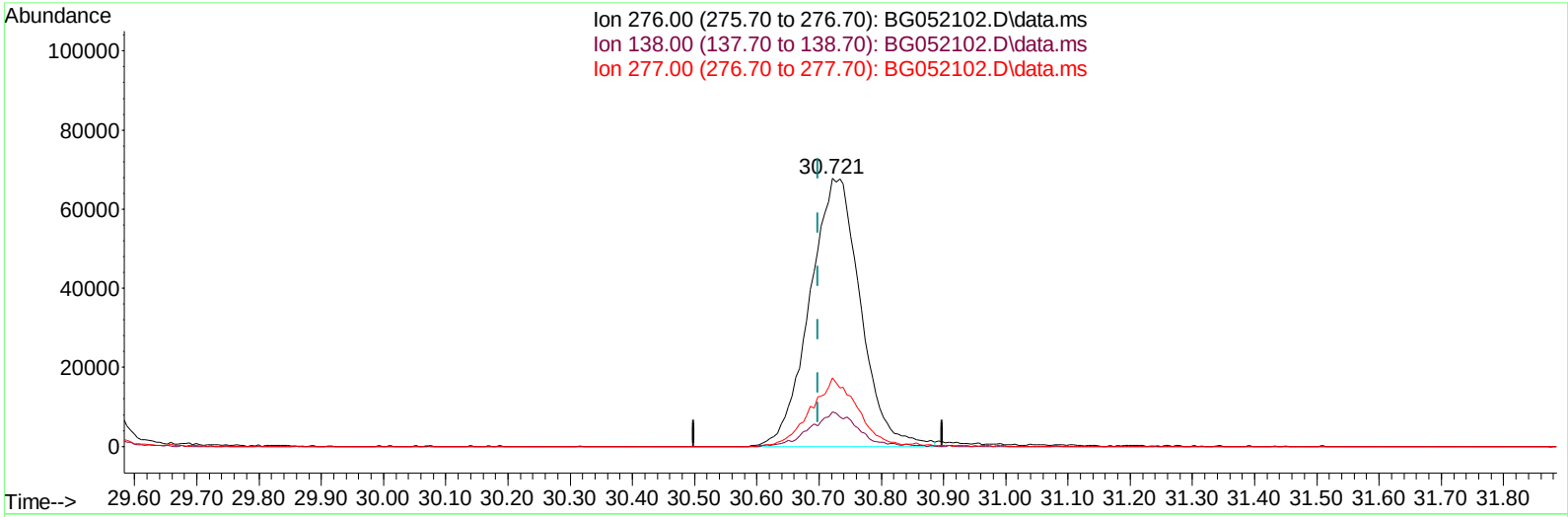

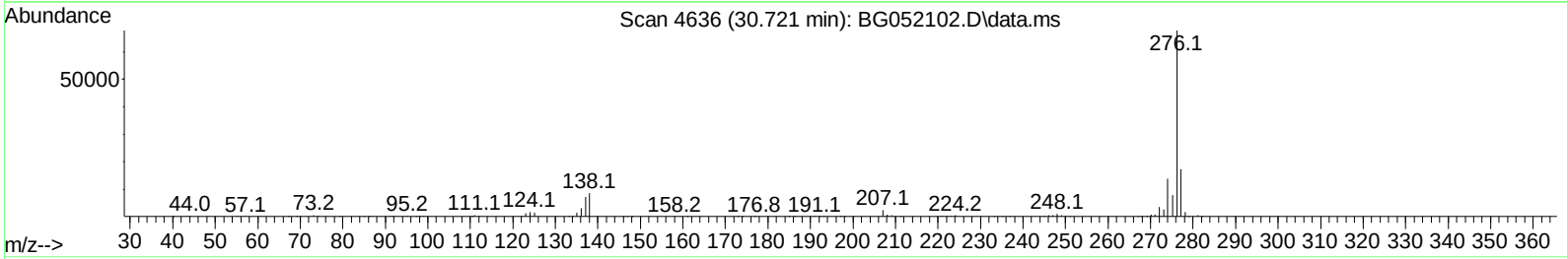

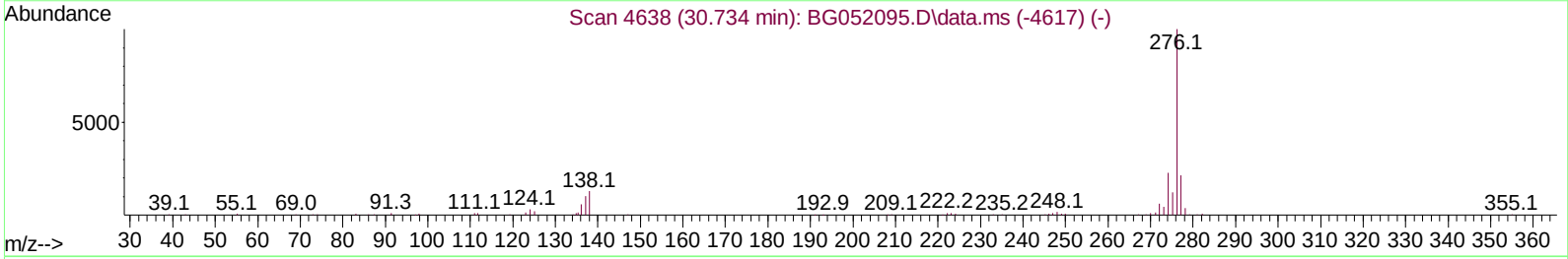

TIC: BG052102.D\data.ms

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

30.721min (+ 0.022) 36.14 ng/ul m

response 384061

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.70	12.82#
277.00	22.00	25.71
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Supervised By :Yogesh Patel 01/23/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.240	152	25109	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.083	136	108498	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.890	164	78933	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.639	188	185224	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.963	240	174216	20.000	ng/ul	# 0.00
88) Perylene-d12	25.440	264	176052	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.570	96	3574	5.086	ng/uL	0.00
4) Pyridine-d5	3.993	84	59087	27.050	ng/ul	-0.01
7) Phenol-d5	7.382	99	78926	32.116	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.547	67	44595	28.586	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.770	132	55472	34.093	ng/ul	0.00
15) 4-Methylphenol-d8	8.951	113	62431	32.680	ng/ul	0.00
21) Nitrobenzene-d5	9.415	128	28537	33.286	ng/ul	0.00
24) 2-Nitrophenol-d4	10.149	143	32894	34.692	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.695	165	66695	35.986	ng/ul	0.00
31) 4-Chloroaniline-d4	11.207	131	72855	28.227	ng/ul	0.00
46) Dimethylphthalate-d6	14.279	166	207690	31.833	ng/ul	0.00
49) Acenaphthylene-d8	14.584	160	262353	33.289	ng/ul	0.00
54) 4-Nitrophenol-d4	15.072	143	33046	30.294	ng/ul	0.00
60) Fluorene-d10	15.877	176	188638	33.161	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.988	200	35999	30.808	ng/ul	0.00
73) Anthracene-d10	17.739	188	297292	33.835	ng/ul	0.00
81) Pyrene-d10	20.012	212	350283	34.936	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.205	264	332197	35.843	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.605	88	8407	10.369	ng/uL#	93
5) Pyridine	4.016	79	61730	26.974	ng/ul	98
6) Benzaldehyde	7.365	77	47668	29.159	ng/ul	98
8) Phenol	7.412	94	81031	32.305	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.641	93	56256	30.638	ng/ul	96
12) 2-Chlorophenol	7.799	128	58577	35.389	ng/ul	93
13) 2-Methylphenol	8.681	108	60142	32.972	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.769	45	81286	29.024	ng/ul	97
16) Acetophenone	9.068	105	93924	31.152	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.051	70	54781	29.740	ng/ul	99
18) 4-Methylphenol	9.010	108	65758	33.281	ng/ul	89
19) Hexachloroethane	9.350	117	23317	32.629	ng/ul	84
22) Nitrobenzene	9.456	77	80306	30.200	ng/ul	96
23) Isophorone	9.985	82	152348	30.303	ng/ul	96
25) 2-Nitrophenol	10.179	139	34614	33.217	ng/ul	99
26) 2,4-Dimethylphenol	10.231	107	73865	32.668	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.461	93	79996	30.905	ng/ul	97
29) 2,4-Dichlorophenol	10.725	162	63973	35.147	ng/ul	98
30) Naphthalene	11.136	128	193607	32.930	ng/ul	98
32) 4-Chloroaniline	11.230	127	72486	27.558	ng/ul	97
33) Hexachlorobutadiene	11.418	225	46768	32.234	ng/ul	96
34) Caprolactam	11.976	113	22025m	31.091	ng/ul	
35) 4-Chloro-3-methylphenol	12.346	107	73072	34.770	ng/ul	92

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.728	142	139294	33.261	ng/ul	99
37) 1-Methylnaphthalene	12.945	142	144070	33.520	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.092	216	90559	33.177	ng/ul	95
40) Hexachlorocyclopentadiene	13.075	237	39555	21.119	ng/ul	98
41) 2,4,6-Trichlorophenol	13.327	196	60206	34.898	ng/ul	91
42) 2,4,5-Trichlorophenol	13.404	196	64869	34.880	ng/ul	97
43) 1,1'-Biphenyl	13.721	154	200619	32.923	ng/ul#	95
44) 2-Chloronaphthalene	13.768	162	153141	32.450	ng/ul	99
45) 2-Nitroaniline	13.962	65	56201	31.074	ng/ul	93
47) Dimethylphthalate	14.326	163	201872	31.379	ng/ul	99
48) 2,6-Dinitrotoluene	14.449	165	45456	33.511	ng/ul	92
50) Acenaphthylene	14.614	152	257947	33.238	ng/ul	99
51) 3-Nitroaniline	14.778	138	39718	32.370	ng/ul	95
52) Acenaphthene	14.954	153	168626	32.679	ng/ul	98
53) 2,4-Dinitrophenol	14.984	184	19615	24.527	ng/ul	87
55) 4-Nitrophenol	15.084	109	35356	28.245	ng/ul	88
56) Dibenzofuran	15.283	168	242295	32.331	ng/ul	100
57) 2,4-Dinitrotoluene	15.236	165	64572	32.926	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.507	232	58028	33.639	ng/ul	89
59) Diethylphthalate	15.683	149	207552	31.270	ng/ul	98
61) Fluorene	15.935	166	205981	32.984	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.918	204	113899	32.867	ng/ul	91
63) 4-Nitroaniline	15.941	138	41236	32.710	ng/ul	86
66) 4,6-Dinitro-2-methylph...	16.000	198	34730	31.089	ng/ul	96
67) N-Nitrosodiphenylamine	16.129	169	179126	35.990	ng/ul	94
68) 4-Bromophenyl-phenylether	16.817	248	78570	36.234	ng/ul#	85
69) Hexachlorobenzene	16.946	284	87000	36.176	ng/ul#	90
70) Atrazine	17.069	200	75801	32.827	ng/ul	97
71) Pentachlorophenol	17.287	266	41740	31.079	ng/ul	96
72) Phenanthrene	17.680	178	332353	34.244	ng/ul	98
74) Anthracene	17.774	178	327363	33.695	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.691	216	95732	34.413	ng/uL	99
76) Pentachlorobenzene	15.207	250	99544	36.766	ng/uL	96
77) Carbazole	18.033	167	289777	33.102	ng/ul	99
78) Di-n-butylphthalate	18.579	149	345258	33.365	ng/ul	100
80) Fluoranthene	19.683	202	416270	35.926	ng/ul#	89
82) Pyrene	20.042	202	400387	35.097	ng/ul#	88
83) Butylbenzylphthalate	20.911	149	146901	37.002	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.839	252	137541	34.200	ng/ul#	97
85) Benzo(a)anthracene	21.939	228	399077	34.832	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.816	149	206623	35.587	ng/ul#	97
87) Chrysene	22.010	228	376278	34.106	ng/ul	99
89) Di-n-octyl phthalate	23.120	149	348519	35.837	ng/ul	100
90) Benzo(b)fluoranthene	24.324	252	419371	35.944	ng/ul#	94
91) Benzo(k)fluoranthene	24.406	252	387569	35.928	ng/ul#	96
93) Benzo(a)pyrene	25.282	252	391713	35.476	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	29.464	276	455629	36.048	ng/ul#	88
95) Dibenzo(a,h)anthracene	29.541	278	391420	36.612	ng/ul#	93
96) Benzo(g,h,i)perylene	30.721	276	384061m	36.138	ng/ul	

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

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