Quantitation Report (Qedit)

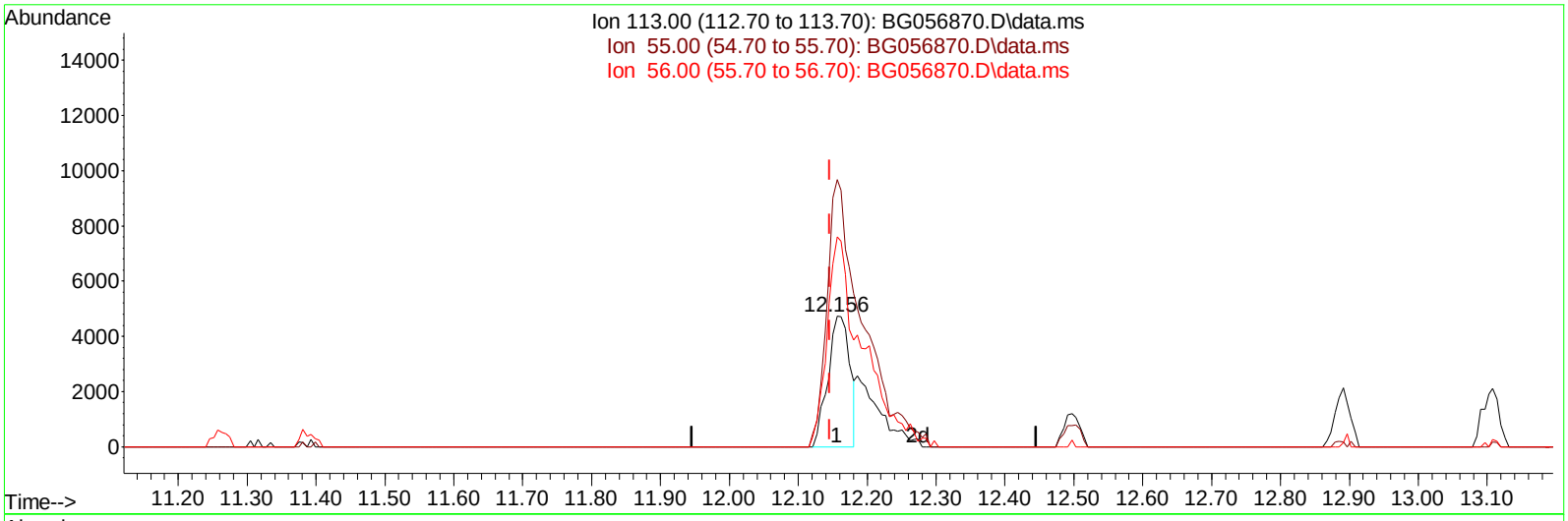
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030723\
Data File : BG056870.D
Acq On : 7 Mar 2023 13:56
Operator : CG/JU
Sample : SSTD04068
Misc :
ALS Vial : 6 Sample Multiplier: 1

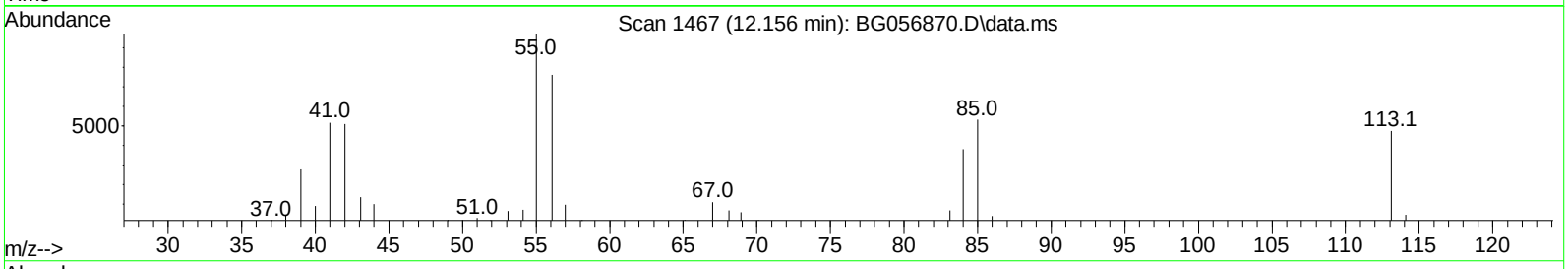
Quant Time: Mar 07 23:27:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 16:05:19 2023
Response via : Initial Calibration

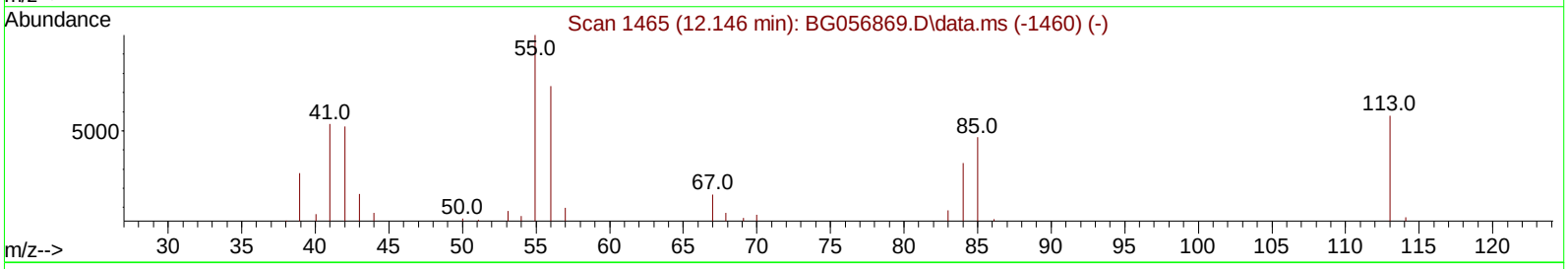
Instrument :
BNA_G
ClientSampleId :
SSTD040424

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023







TIC: BG056870.D\data.ms

(34) Caprolactam

12.156min (+ 0.011) 24.67 ng/ul

response 10394

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	188.50	204.76
56.00	137.50	161.15
0.00	0.00	0.00

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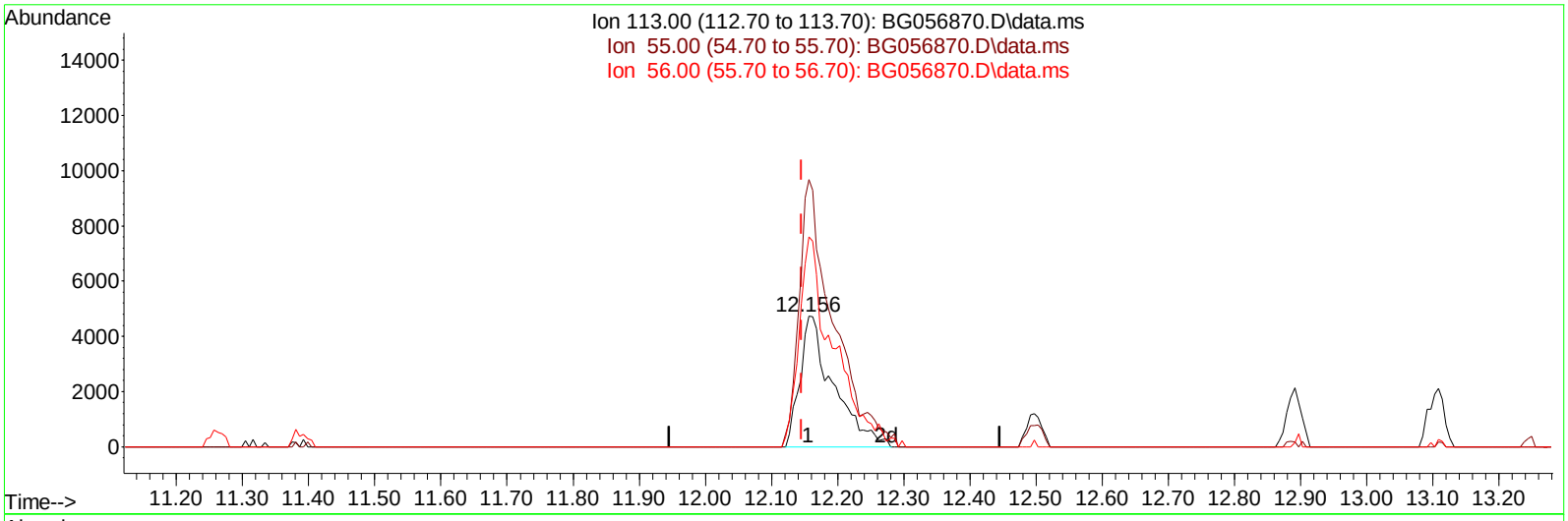

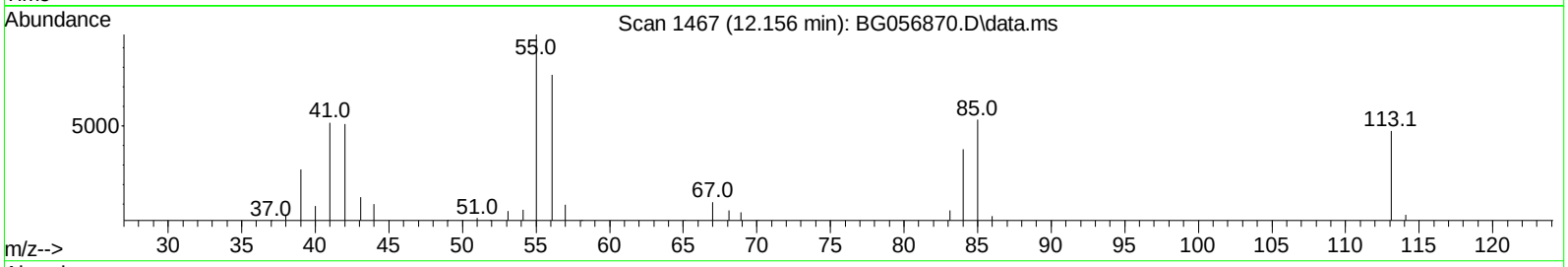

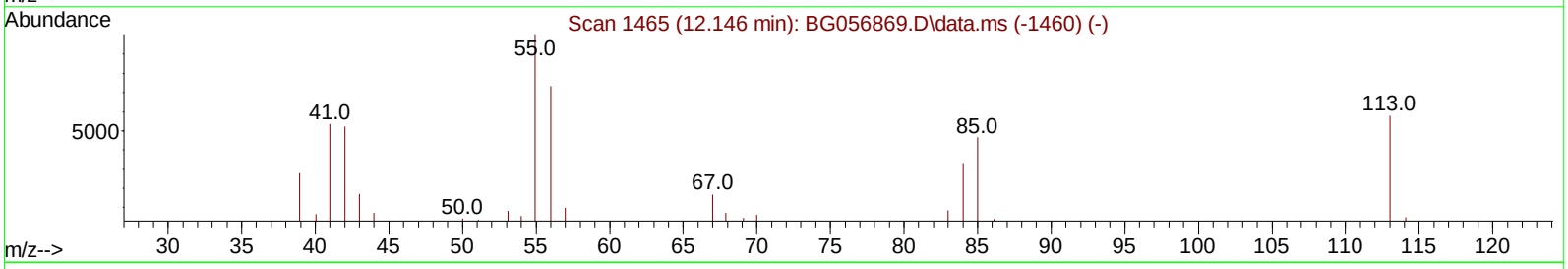

TIC: BG056870.D\data.ms

(34) Caprolactam

12.156min (+ 0.011) 39.46 ng/ul m

response 16626

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	188.50	204.76
56.00	137.50	161.15
0.00	0.00	0.00

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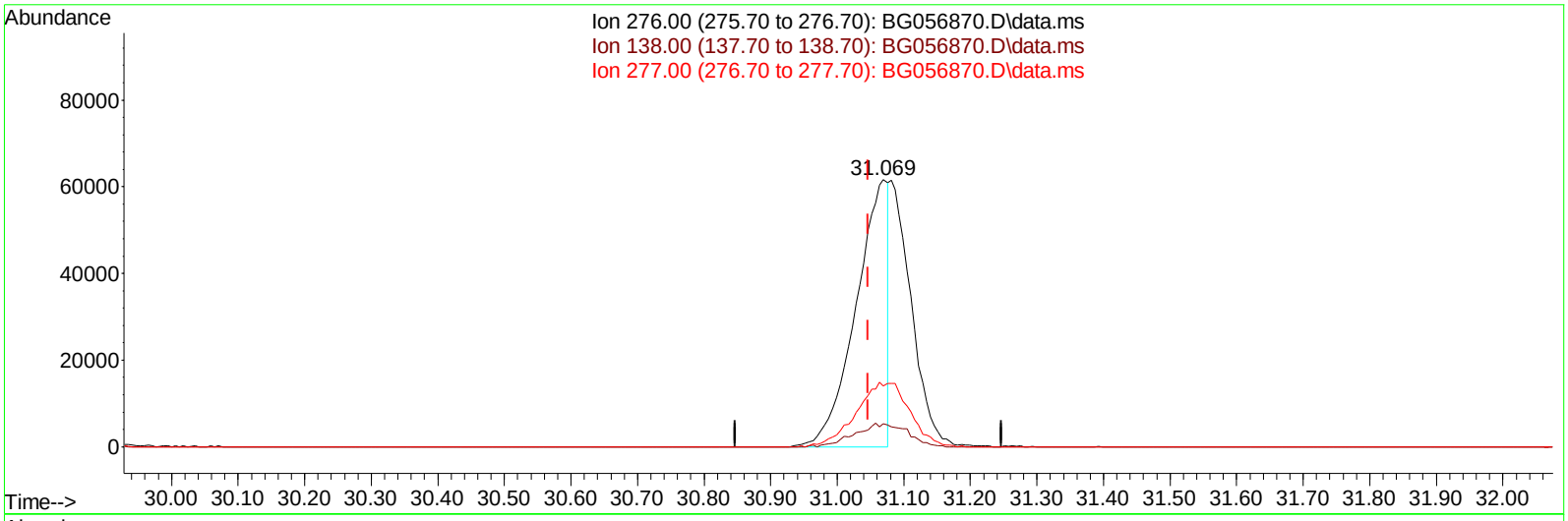

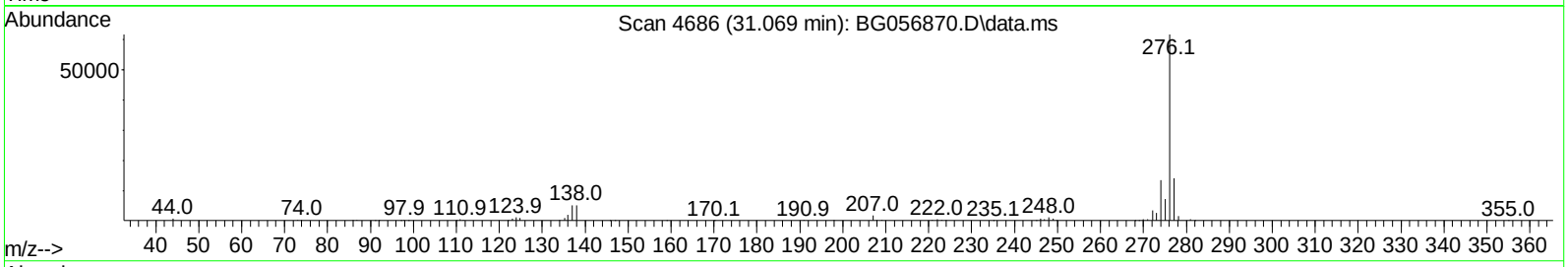

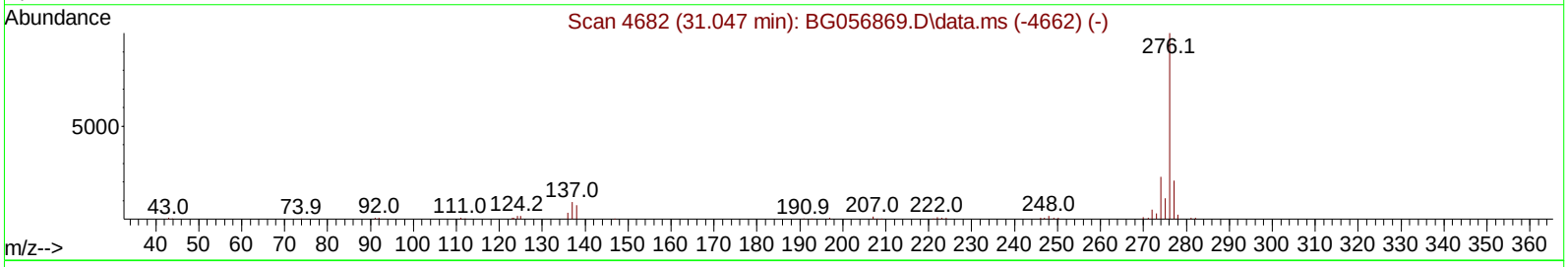

TIC: BG056870.D\data.ms

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

31.069min (+ 0.023) 24.37 ng/ul

response 205068

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	7.60	8.54
277.00	20.60	22.79
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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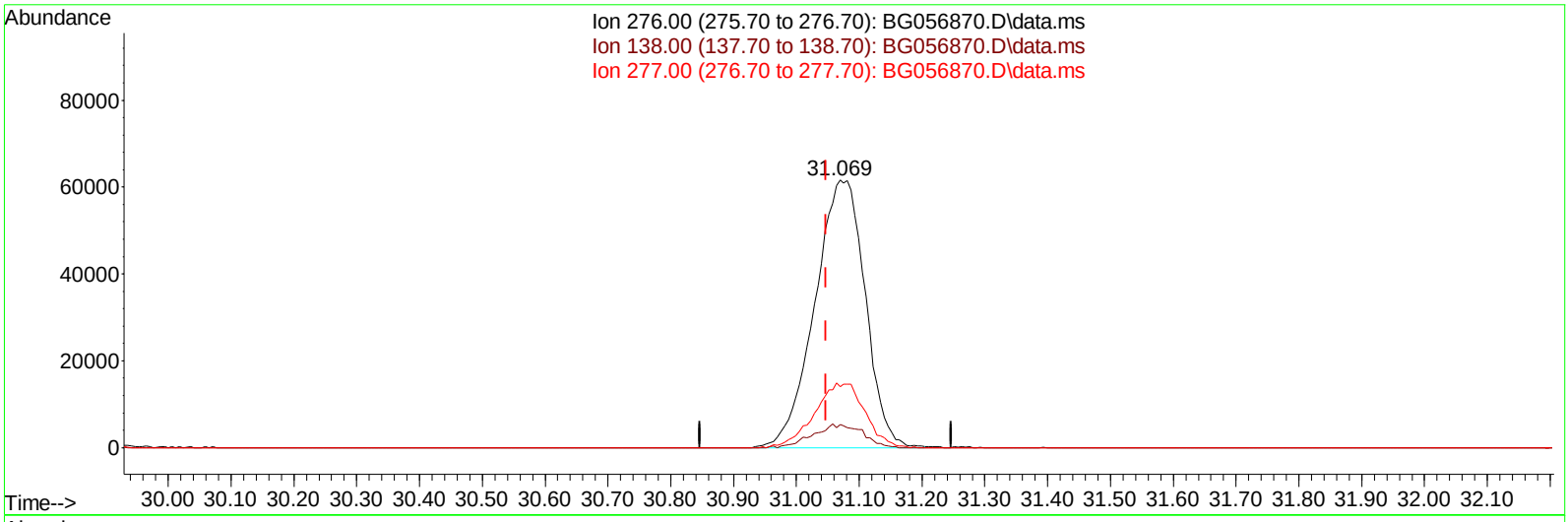

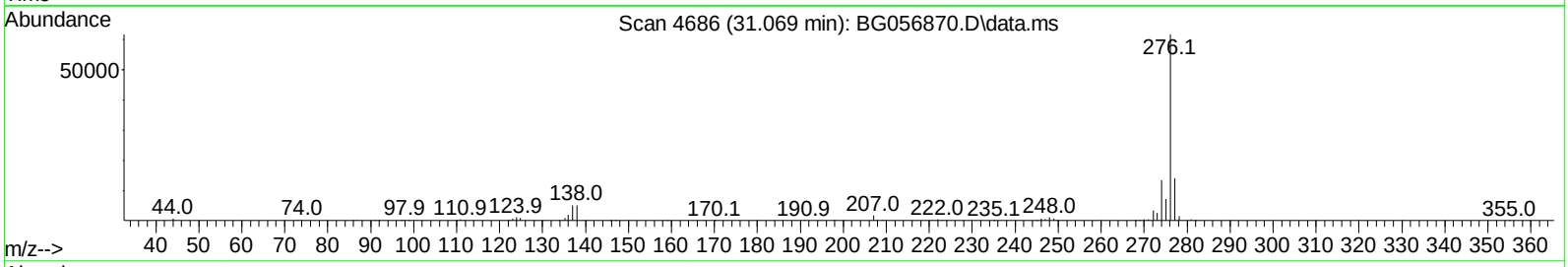

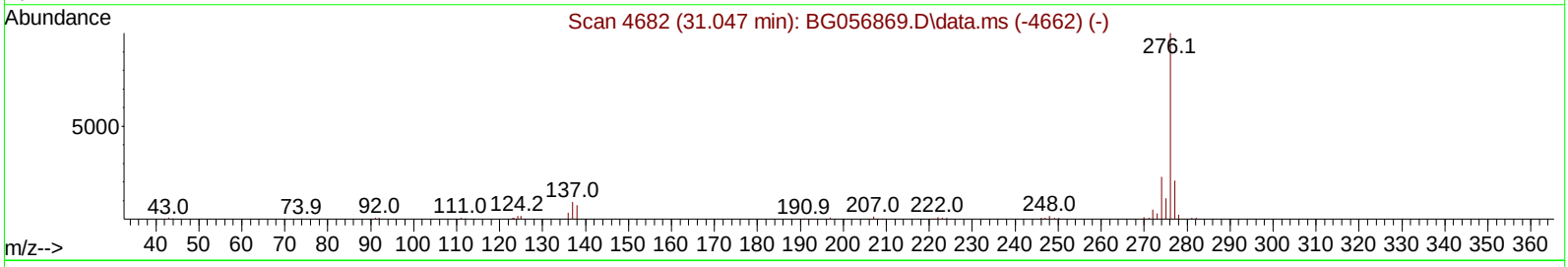

TIC: BG056870.D\data.ms

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

31.069min (+ 0.023) 40.75 ng/ul m

response 342857

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	7.60	8.54
277.00	20.60	22.79
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/08/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.420	152	14257	20.000	ng/ul	0.00
20) Naphthalene-d8	11.263	136	62656	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.035	164	49607	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.779	188	130325	20.000	ng/ul	0.00
79) Chrysene-d12	22.109	240	121269	20.000	ng/ul	0.00
88) Perylene-d12	25.664	264	131446	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.690	96	6281	17.085	ng/uL	0.00
4) Pyridine-d5	4.130	84	47975	39.416	ng/ul	0.00
7) Phenol-d5	7.544	99	58422	39.981	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.720	67	37569	40.932	ng/ul	0.00
11) 2-Chlorophenol-d4	7.944	132	38515	42.115	ng/ul	0.00
15) 4-Methylphenol-d8	9.119	113	44285	40.165	ng/ul	0.01
21) Nitrobenzene-d5	9.595	128	21353	41.089	ng/ul	0.00
24) 2-Nitrophenol-d4	10.323	143	26193	42.605	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.870	165	49007	41.154	ng/ul	0.00
31) 4-Chloroaniline-d4	11.387	131	63276	40.326	ng/ul	0.00
46) Dimethylphthalate-d6	14.424	166	167219	39.409	ng/ul	0.00
49) Acenaphthylene-d8	14.736	160	189218	40.614	ng/ul	0.00
54) 4-Nitrophenol-d4	15.200	143	29244	40.673	ng/ul	0.00
60) Fluorene-d10	16.022	176	155173	39.437	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.128	200	38037	40.384	ng/ul	0.00
73) Anthracene-d10	17.879	188	252046	40.015	ng/ul	0.00
81) Pyrene-d10	20.141	212	306632	41.512	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.423	264	294786	40.957	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.731	88	6403	15.628	ng/uL#	87
5) Pyridine	4.154	79	51713	40.298	ng/ul	99
6) Benzaldehyde	7.538	77	34778	45.216	ng/ul	97
8) Phenol	7.573	94	60186	40.400	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.820	93	43268	41.343	ng/ul	95
12) 2-Chlorophenol	7.973	128	38202	40.657	ng/ul	95
13) 2-Methylphenol	8.848	108	44700	40.812	ng/ul	88
14) 2,2'-oxybis(1-Chloropr...	8.937	45	59379	41.289	ng/ul	95
16) Acetophenone	9.248	105	77007	40.811	ng/ul	91
17) N-Nitroso-di-n-propyla...	9.224	70	45886	41.811	ng/ul#	94
18) 4-Methylphenol	9.177	108	49410	41.563	ng/ul	83
19) Hexachloroethane	9.524	117	15841	40.822	ng/ul	87
22) Nitrobenzene	9.642	77	66480	40.995	ng/ul	95
23) Isophorone	10.165	82	128507	40.594	ng/ul	98
25) 2-Nitrophenol	10.358	139	26018	40.478	ng/ul	94
26) 2,4-Dimethylphenol	10.400	107	57749	40.983	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.640	93	63628	41.290	ng/ul	97
29) 2,4-Dichlorophenol	10.899	162	47076	41.004	ng/ul	99
30) Naphthalene	11.316	128	139043	40.174	ng/ul	97
32) 4-Chloroaniline	11.410	127	61264	39.850	ng/ul	100
33) Hexachlorobutadiene	11.592	225	37287	41.269	ng/ul	96
34) Caprolactam	12.156	113	16626m	39.459	ng/ul	
35) 4-Chloro-3-methylphenol	12.497	107	54973	41.243	ng/ul	100

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Manual IntegrationsAPPROVED

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.891	142	103352	41.514	ng/ul	96
37)	1-Methylnaphthalene	13.108	142	102460	41.190	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	13.249	216	75399	41.132	ng/ul	96
40)	Hexachlorocyclopentadiene	13.226	237	51250	41.117	ng/ul	92
41)	2,4,6-Trichlorophenol	13.478	196	50330	42.162	ng/ul	95
42)	2,4,5-Trichlorophenol	13.549	196	55331	41.641	ng/ul	98
43)	1,1'-Biphenyl	13.872	154	150183	40.423	ng/ul	97
44)	2-Chloronaphthalene	13.925	162	124948	40.788	ng/ul	95
45)	2-Nitroaniline	14.119	65	48706	43.118	ng/ul	90
47)	Dimethylphthalate	14.471	163	168220	39.218	ng/ul	99
48)	2,6-Dinitrotoluene	14.595	165	35239	40.854	ng/ul	91
50)	Acenaphthylene	14.765	152	189301	40.206	ng/ul	99
51)	3-Nitroaniline	14.930	138	30605	39.325	ng/ul#	99
52)	Acenaphthene	15.100	153	131911	40.057	ng/ul	98
53)	2,4-Dinitrophenol	15.129	184	24794	39.212	ng/ul#	90
55)	4-Nitrophenol	15.217	109	36672	39.569	ng/ul	95
56)	Dibenzofuran	15.429	168	198565	39.445	ng/ul	99
57)	2,4-Dinitrotoluene	15.382	165	51978	39.088	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.652	232	51350	40.102	ng/ul	98
59)	Diethylphthalate	15.823	149	169143	39.014	ng/ul	98
61)	Fluorene	16.081	166	157703	39.341	ng/ul	97
62)	4-Chlorophenyl-phenyle...	16.058	204	95429	39.679	ng/ul	95
63)	4-Nitroaniline	16.087	138	31318	40.565	ng/ul	99
66)	4,6-Dinitro-2-methylph...	16.146	198	35631	39.528	ng/ul	98
67)	N-Nitrosodiphenylamine	16.269	169	142922	40.837	ng/ul	96
68)	4-Bromophenyl-phenylether	16.957	248	67369	41.676	ng/ul	97
69)	Hexachlorobenzene	17.080	284	71144	40.572	ng/ul	94
70)	Atrazine	17.203	200	64276	40.848	ng/ul	98
71)	Pentachlorophenol	17.421	266	41638	40.284	ng/ul	94
72)	Phenanthrene	17.820	178	282554	40.287	ng/ul	98
74)	Anthracene	17.914	178	283669	39.703	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.848	216	81613	43.694	ng/uL	98
76)	Pentachlorobenzene	15.353	250	81799	41.947	ng/uL	96
77)	Carbazole	18.173	167	240721	39.701	ng/ul	100
78)	Di-n-butylphthalate	18.702	149	277359	39.547	ng/ul	99
80)	Fluoranthene	19.806	202	360563	40.951	ng/ul	98
82)	Pyrene	20.170	202	356116	40.391	ng/ul	100
83)	Butylbenzylphthalate	21.034	149	120765	41.300	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.980	252	124187	42.274	ng/ul	99
85)	Benzo(a)anthracene	22.086	228	358796	40.472	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.945	149	172331	41.240	ng/ul	97
87)	Chrysene	22.162	228	335610	40.852	ng/ul	100
89)	Di-n-octyl phthalate	23.273	149	294868	41.190	ng/ul	100
90)	Benzo(b)fluoranthene	24.530	252	372410	41.446	ng/ul	100
91)	Benzo(k)fluoranthene	24.601	252	348687	40.394	ng/ul	97
93)	Benzo(a)pyrene	25.505	252	312023	40.643	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	29.783	276	430848	41.068	ng/ul	97
95)	Dibenzo(a,h)anthracene	29.847	278	354566	40.948	ng/ul	98
96)	Benzo(g,h,i)perylene	31.069	276	342857m	40.751	ng/ul	

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

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