Quantitation Report (Qedit)

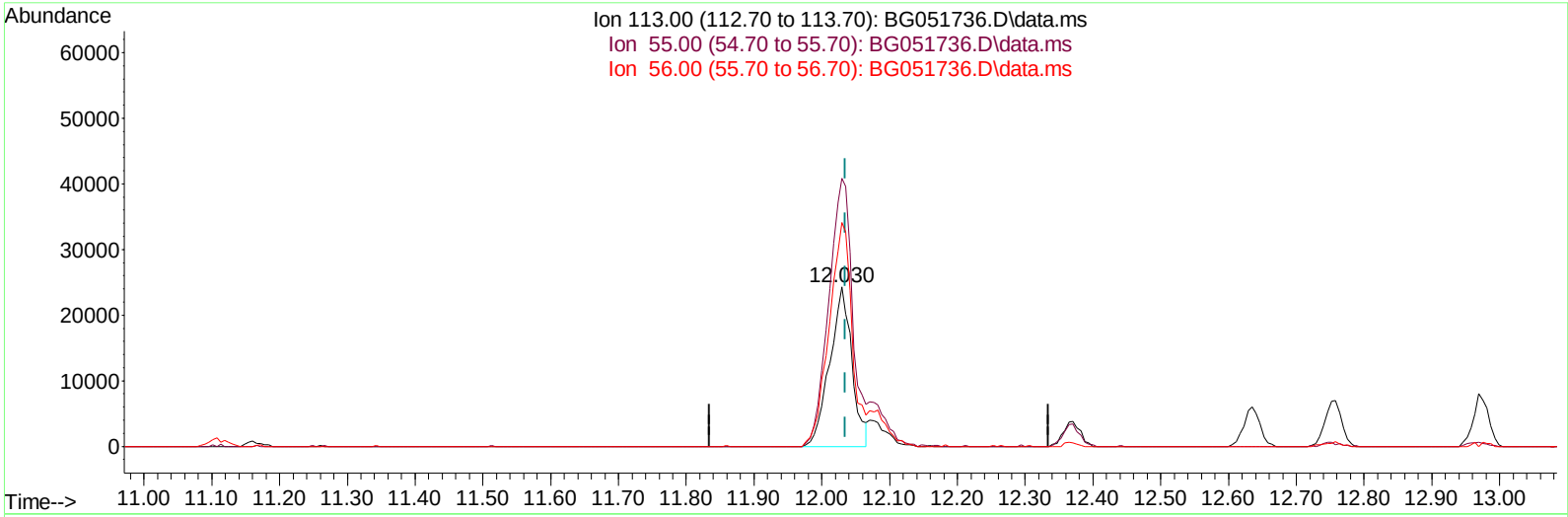
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051736.D
Acq On : 22 Dec 2021 5:04
Operator : CG/JU
Sample : SP5775
Misc : SFAM SPIKE
ALS Vial : 64 Sample Multiplier: 1

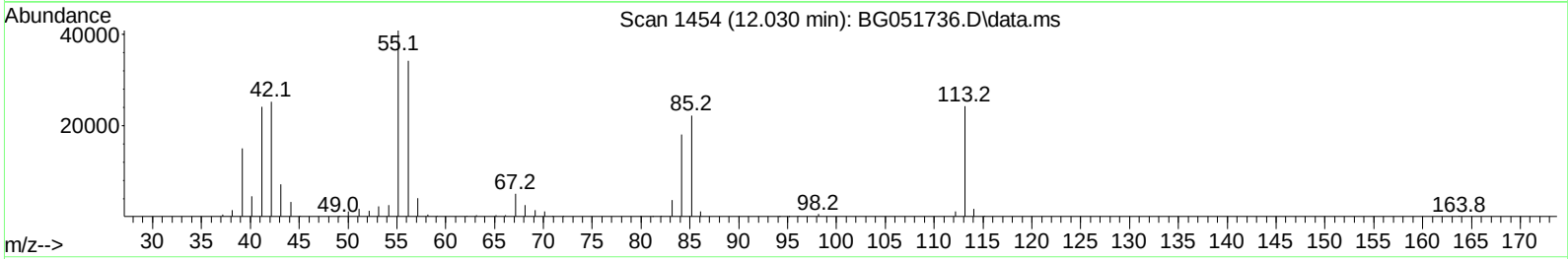
Quant Time: Dec 22 06:09:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

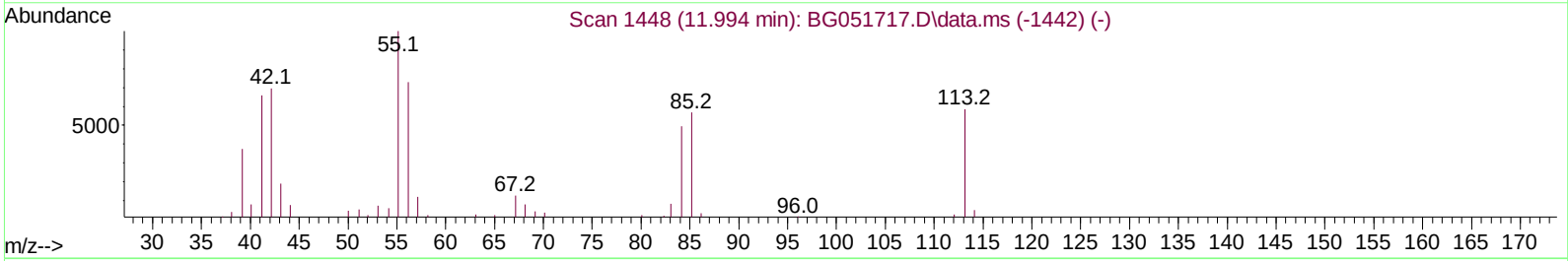
Instrument :
BNA_G
ClientSampleId :
SP5775

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/28/2021







TIC: BG051736.D\data.ms

(34) Caprolactam

12.030min (-0.005) 70.60 ng/ul

response 54993

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	168.08
56.00	136.50	140.58
0.00	0.00	0.00

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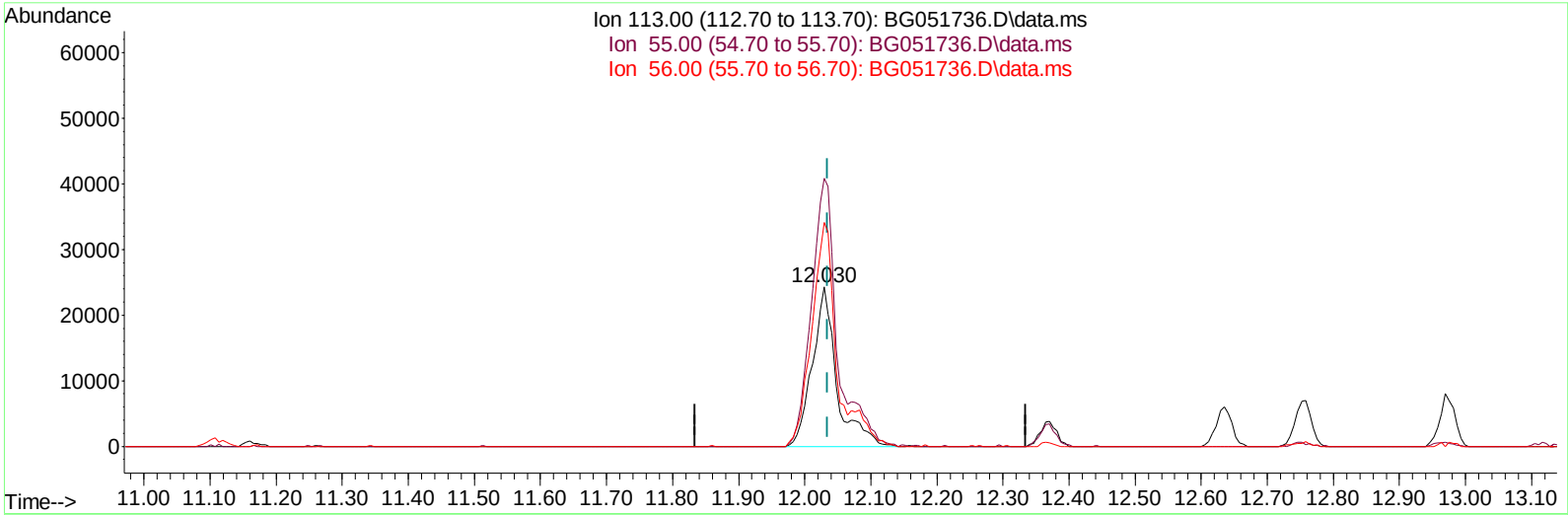

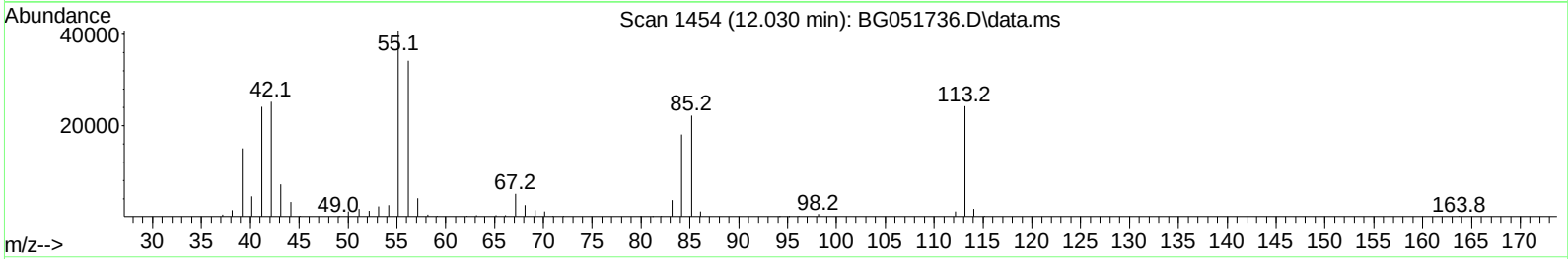

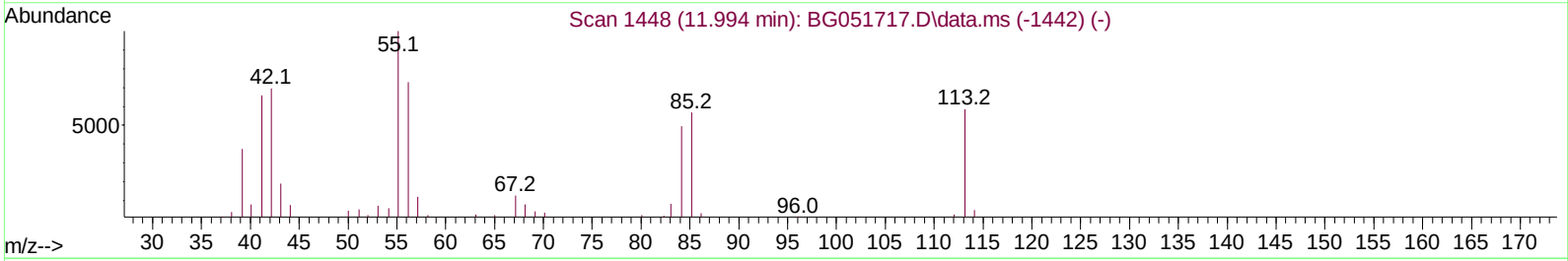

TIC: BG051736.D\data.ms

(34) Caprolactam

12.030min (-0.005) 80.13 ng/ul m

response 62415

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	168.08
56.00	136.50	140.58
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	36847	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.113	136	155572	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.914	164	109133	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.657	188	266351	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.987	240	244677	20.000	ng/ul	# 0.00
88) Perylene-d12	25.482	264	258238	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.635	88	28663	30.955	ng/uL#	93
5) Pyridine	4.040	79	210398	78.234	ng/ul	94
6) Benzaldehyde	7.395	77	190796	92.952	ng/ul	96
8) Phenol	7.436	94	248744	76.037	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.671	93	176059	70.544	ng/ul	99
12) 2-Chlorophenol	7.829	128	184061	78.419	ng/ul	97
13) 2-Methylphenol	8.711	108	181340	73.469	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.805	45	233853	69.079	ng/ul#	94
16) Acetophenone	9.098	105	274573	68.735	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.081	70	165101	68.881	ng/ul	100
18) 4-Methylphenol	9.040	108	194079	74.603	ng/ul	99
19) Hexachloroethane	9.380	117	70556	68.893	ng/ul#	73
22) Nitrobenzene	9.486	77	243746	73.472	ng/ul	97
23) Isophorone	10.021	82	454529	68.244	ng/ul	97
25) 2-Nitrophenol	10.209	139	103495	77.653	ng/ul	98
26) 2,4-Dimethylphenol	10.261	107	220379	68.628	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.491	93	237479	67.149	ng/ul	97
29) 2,4-Dichlorophenol	10.749	162	187138	72.740	ng/ul	97
30) Naphthalene	11.166	128	562607	67.125	ng/ul	98
32) 4-Chloroaniline	11.260	127	212653	58.498	ng/ul	99
33) Hexachlorobutadiene	11.454	225	140660	64.400	ng/ul	99
34) Caprolactam	12.030	113	62415m	80.132	ng/ul	
35) 4-Chloro-3-methylphenol	12.370	107	207887	72.117	ng/ul	91

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.752	142	403770	67.526 ng/ul	96
37) 1-Methylnaphthalene	12.970	142	405831	65.366 ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.122	216	253869	66.878 ng/ul	99
40) Hexachlorocyclopentadiene	13.105	237	156371	56.734 ng/ul	98
41) 2,4,6-Trichlorophenol	13.351	196	169529	73.774 ng/ul	97
42) 2,4,5-Trichlorophenol	13.422	196	182454	75.759 ng/ul	99
43) 1,1'-Biphenyl	13.751	154	557649	66.707 ng/ul#	95
44) 2-Chloronaphthalene	13.798	162	438054	67.779 ng/ul	98
45) 2-Nitroaniline	13.986	65	165008	83.575 ng/ul	94
47) Dimethylphthalate	14.350	163	570072	67.223 ng/ul	99
48) 2,6-Dinitrotoluene	14.473	165	128164	79.057 ng/ul	90
50) Acenaphthylene	14.638	152	722647	68.084 ng/ul	98
51) 3-Nitroaniline	14.802	138	123442	79.632 ng/ul	97
52) Acenaphthene	14.979	153	472884	67.439 ng/ul	96
53) 2,4-Dinitrophenol	15.002	184	62869	67.086 ng/ul#	84
55) 4-Nitrophenol	15.096	109	102125	67.010 ng/ul	83
56) Dibenzofuran	15.308	168	674152	65.283 ng/ul	100
57) 2,4-Dinitrotoluene	15.255	165	176660	76.885 ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.531	232	160737	70.227 ng/ul#	87
59) Diethylphthalate	15.707	149	574789	65.065 ng/ul	96
61) Fluorene	15.960	166	562438	66.101 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.942	204	320845	67.699 ng/ul	94
63) 4-Nitroaniline	15.965	138	134532	84.620 ng/ul	88
66) 4,6-Dinitro-2-methylph...	16.024	198	94738	69.515 ng/ul#	93
67) N-Nitrosodiphenylamine	16.153	169	496261	69.271 ng/ul	96
68) 4-Bromophenyl-phenylether	16.841	248	217269	80.098 ng/ul#	84
69) Hexachlorobenzene	16.970	284	236473	69.375 ng/ul#	89
70) Atrazine	17.099	200	216822	67.447 ng/ul	98
71) Pentachlorophenol	17.305	266	129258	61.891 ng/ul	97
72) Phenanthrene	17.704	178	898739	65.603 ng/ul	97
74) Anthracene	17.798	178	893173	64.536 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.721	216	273563	66.761 ng/uL	99
76) Pentachlorobenzene	15.231	250	276840	70.674 ng/uL	99
77) Carbazole	18.057	167	804288	64.898 ng/ul	97
78) Di-n-butylphthalate	18.603	149	960762	64.417 ng/ul	99
80) Fluoranthene	19.702	202	1121354	66.340 ng/ul#	92
82) Pyrene	20.066	202	1110713	66.399 ng/ul#	90
83) Butylbenzylphthalate	20.935	149	425634	75.873 ng/ul#	96
84) 3,3'-Dichlorobenzidine	21.863	252	416893	72.296 ng/ul#	97
85) Benzo(a)anthracene	21.963	228	1091140	68.545 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.846	149	596091	75.858 ng/ul#	96
87) Chrysene	22.034	228	1033906	67.228 ng/ul	99
89) Di-n-octyl phthalate	23.162	149	1000684	71.944 ng/ul	100
90) Benzo(b)fluoranthene	24.372	252	1164150	67.303 ng/ul#	95
91) Benzo(k)fluoranthene	24.448	252	1063629	65.663 ng/ul#	95
93) Benzo(a)pyrene	25.323	252	1123557	68.826 ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.529	276	1214994	68.173 ng/ul#	92
95) Dibenzo(a,h)anthracene	29.612	278	986410	64.802 ng/ul#	94
96) Benzo(g,h,i)perylene	30.804	276	953201	63.113 ng/ul#	89

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

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