Quantitation Report (Qedit)

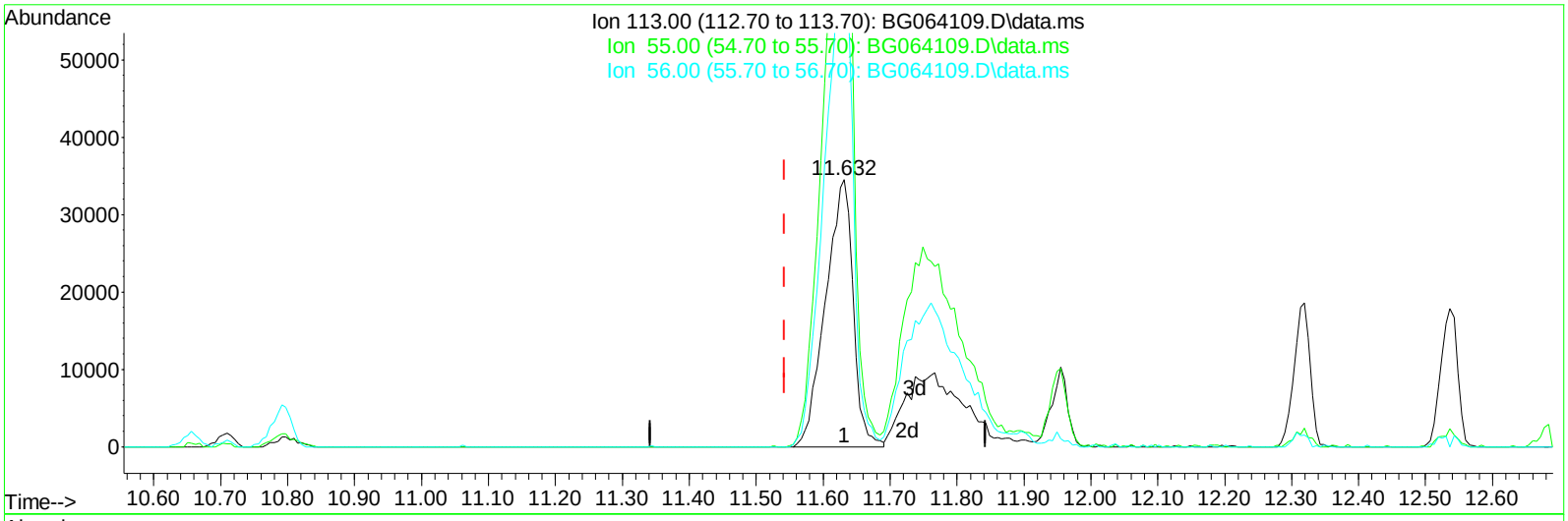
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031425\
Data File : BG064109.D
Acq On : 14 Mar 2025 13:55
Operator : RC/JU
Sample : SSTD16012
Misc :
ALS Vial : 7 Sample Multiplier: 1

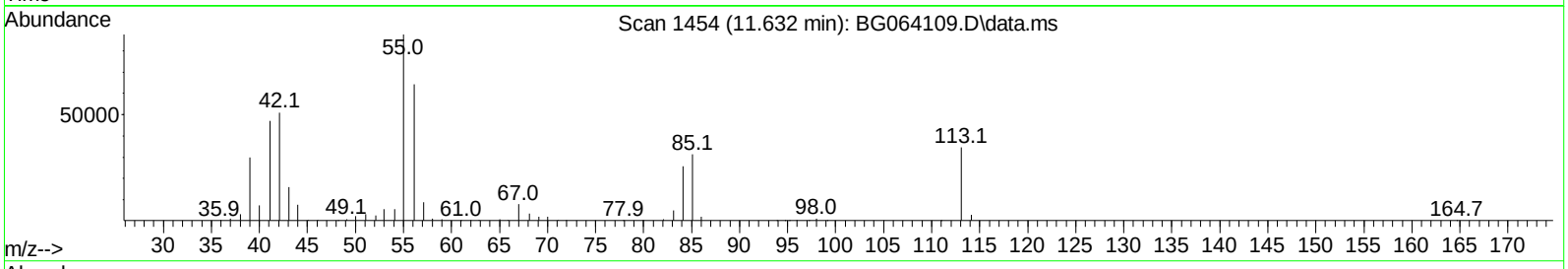
Quant Time: Mar 14 14:27:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 14 13:20:40 2025
Response via : Initial Calibration

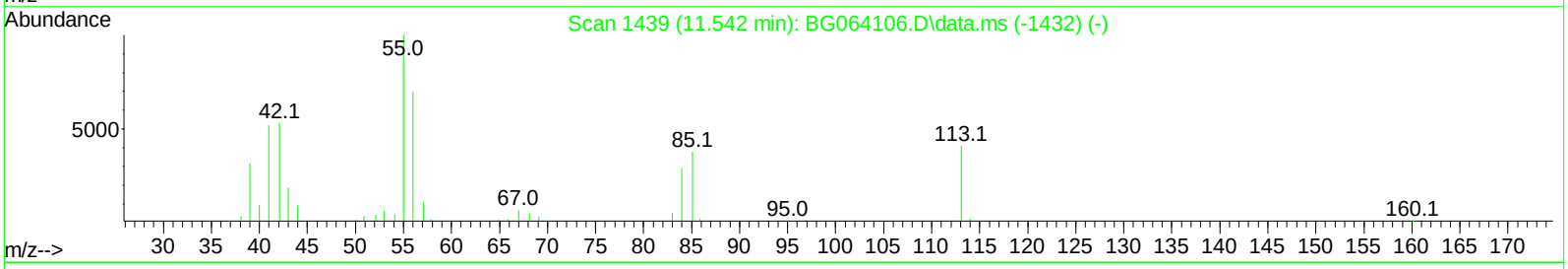
Instrument :
BNA_G
ClientSampleId :
SSTD160410

Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 03/14/2025
Supervised By :Jagrut Upadhyay 03/17/2025







TIC: BG064109.D\data.ms

(34) Caprolactam

11.632min (+ 0.089) 84.98 ng/ul

response 98446

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	244.40	254.33
56.00	170.50	186.45
0.00	0.00	0.00

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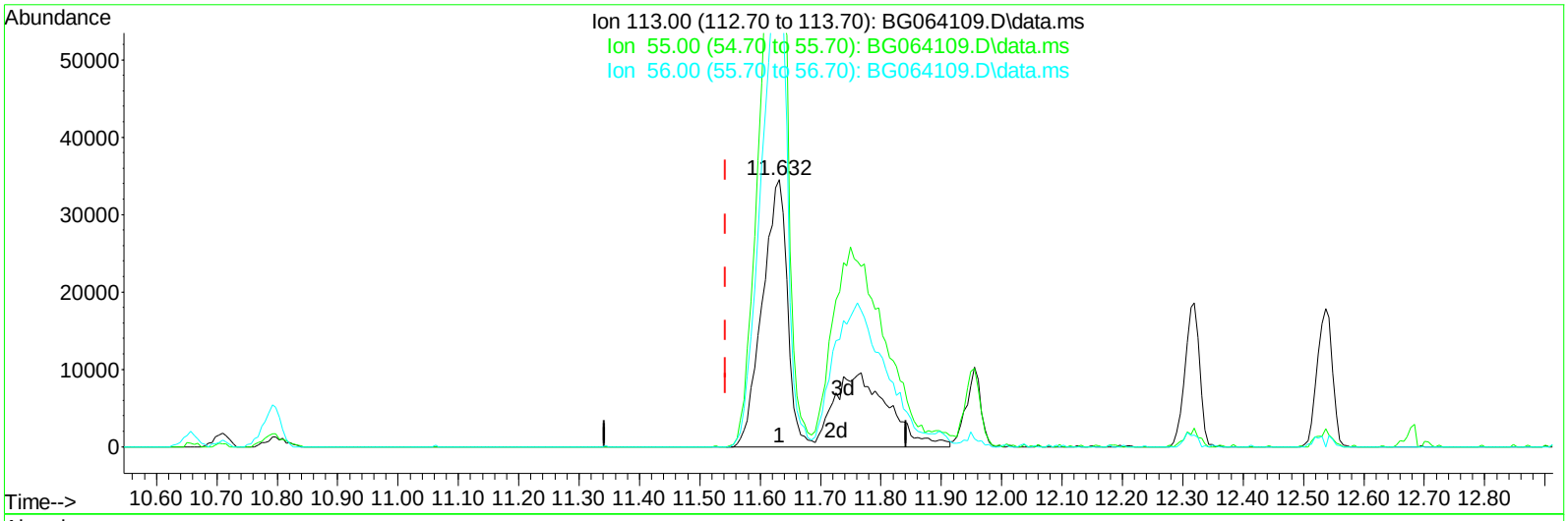

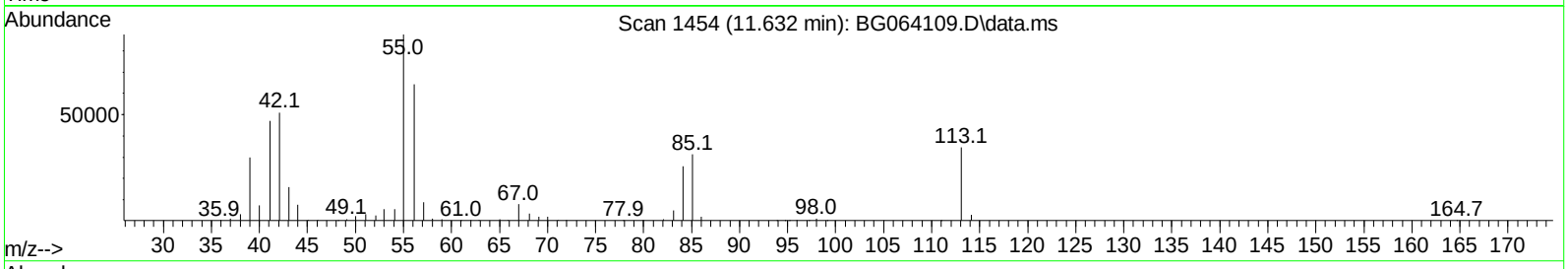

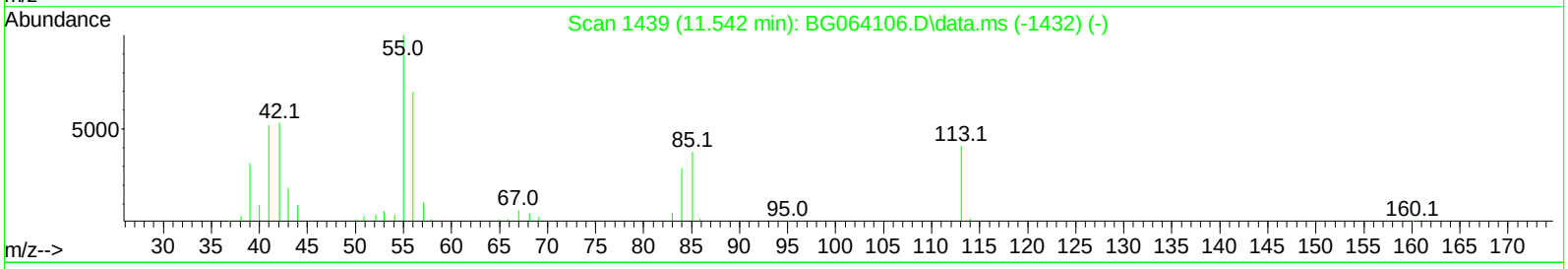

TIC: BG064109.D\data.ms

(34) Caprolactam

11.632min (+ 0.089) 136.05 ng/ul m

response 157609

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	244.40	254.33
56.00	170.50	186.45
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	7.866	152	39183	20.00	ng/ul	0.00
20) Naphthalene-d8	10.656	136	178434	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.493	164	125715	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.231	188	268727	20.00	ng/ul	0.00
79) Chrysene-d12	21.467	240	257782	20.00	ng/ul	0.01
88) Perylene-d12	24.481	264	283156	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.00	ng/uL	
4) Pyridine-d5	3.741	84	419623	131.96	ng/ul	0.00
7) Phenol-d5	7.037	99	542904	149.11	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.202	67	329605	139.04	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.00	ng/ul	
15) 4-Methylphenol-d8	8.582	113	452297	144.83	ng/ul	0.02
21) Nitrobenzene-d5	0.000	128	0d	0.00	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.00	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.00	ng/ul	
31) 4-Chloroaniline-d4	10.792	131	585743	139.53	ng/ul	0.01
46) Dimethylphthalate-d6	0.000	166	0d	0.00	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.00	ng/ul	
54) 4-Nitrophenol-d4	14.711	143	248671	159.60	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.00	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.615	200	252290	231.29	ng/ul	0.02
73) Anthracene-d10	0.000	188	0d	0.00	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.00	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
5) Pyridine	3.765	79	423180	128.53	ng/ul	96
6) Benzaldehyde	7.008	77	190991	90.09	ng/ul	98
8) Phenol	7.067	94	553665	143.36	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.296	93	411679	137.68	ng/ul	88
13) 2-Methylphenol	8.306	108	421927	142.21	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.389	45	955406	134.11	ng/ul	99
16) Acetophenone	8.694	105	700520	134.50	ng/ul	94
18) 4-Methylphenol	8.659	108	469850	142.39	ng/ul	95
32) 4-Chloroaniline	10.821	127	555872	135.52	ng/ul	97
34) Caprolactam	11.632	113	157609m	136.05	ng/ul	
40) Hexachlorocyclopentadiene	12.672	237	327844	199.39	ng/ul#	87
51) 3-Nitroaniline	14.405	138	251703	154.50	ng/ul	89
53) 2,4-Dinitrophenol	14.605	184	180596	261.76	ng/ul	93
55) 4-Nitrophenol	14.728	109	296617	184.01	ng/ul	96
63) 4-Nitroaniline	15.580	138	258112	151.71	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.633	198	269239	222.27	ng/ul#	94
70) Atrazine	16.708	200	403078	131.86	ng/ul	95
71) Pentachlorophenol	16.884	266	312058	181.44	ng/ul	95
77) Carbazole	17.637	167	1857394	142.55	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.367	252	586519	119.05	ng/ul	99
89) Di-n-octyl phthalate	22.525	149	2606328	167.01	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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