Quantitation Report (Qedit)

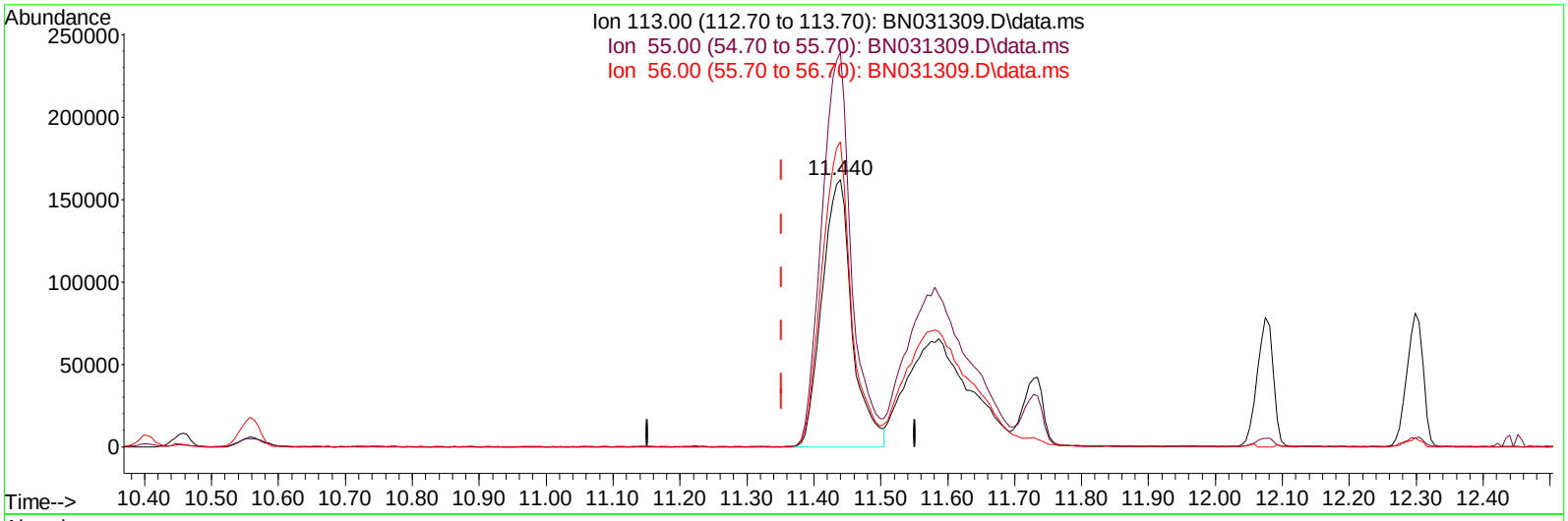
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042924\
Data File : BN031309.D
Acq On : 29 Apr 2024 15:41
Operator : MA/JU
Sample : SSTD16049
Misc :
ALS Vial : 8 Sample Multiplier: 1

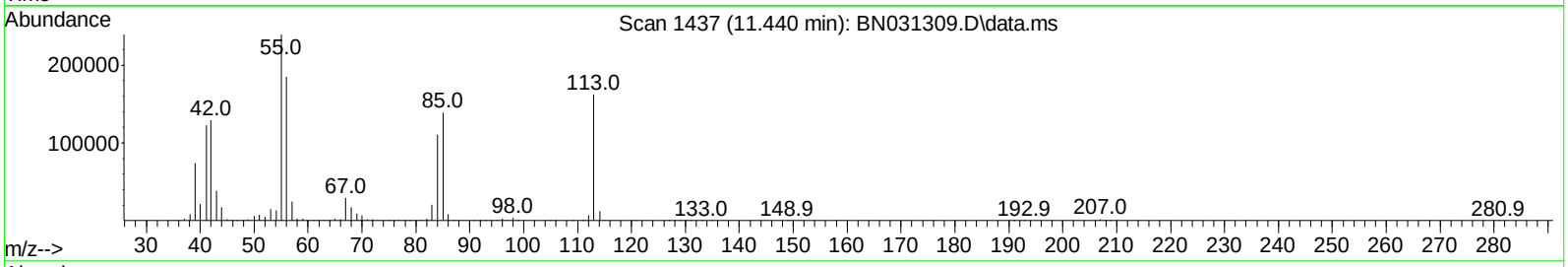
Quant Time: Apr 29 16:12:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 29 14:23:49 2024
Response via : Initial Calibration

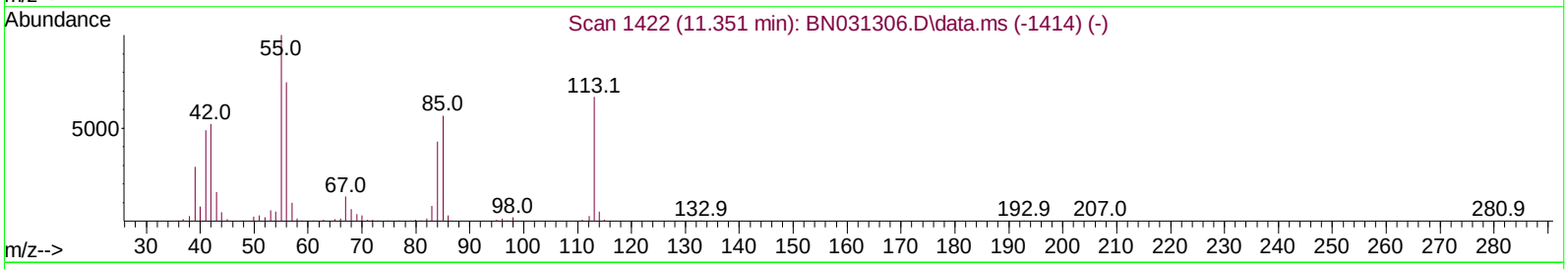
Instrument :
BNA_N
ClientSampleId :
SSTD160229

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/30/2024
Supervised By :mohammad ahmed 05/02/2024







TIC: BN031309.D\data.ms

(34) Caprolactam

11.440min (+ 0.088) 87.73 ng/ul

response 504281

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	149.90	147.67
56.00	112.00	114.18
0.00	0.00	0.00

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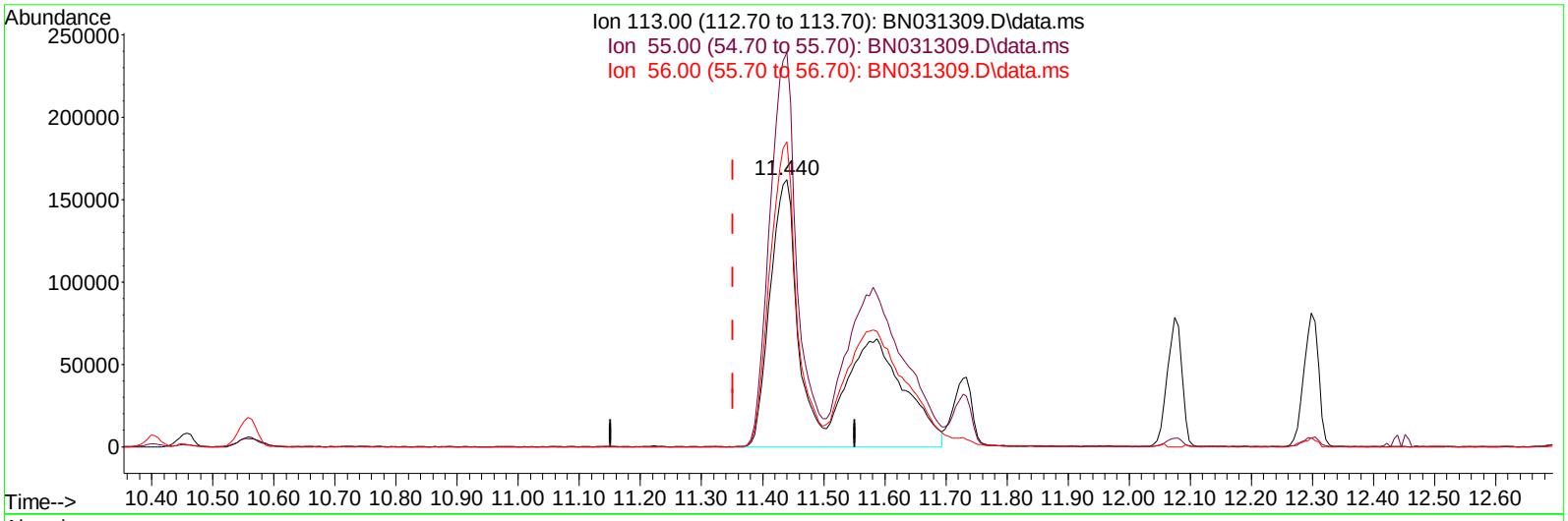

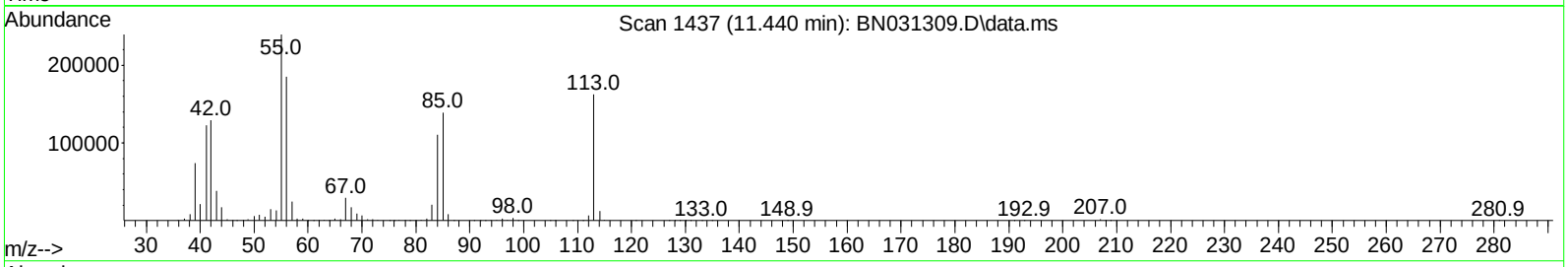

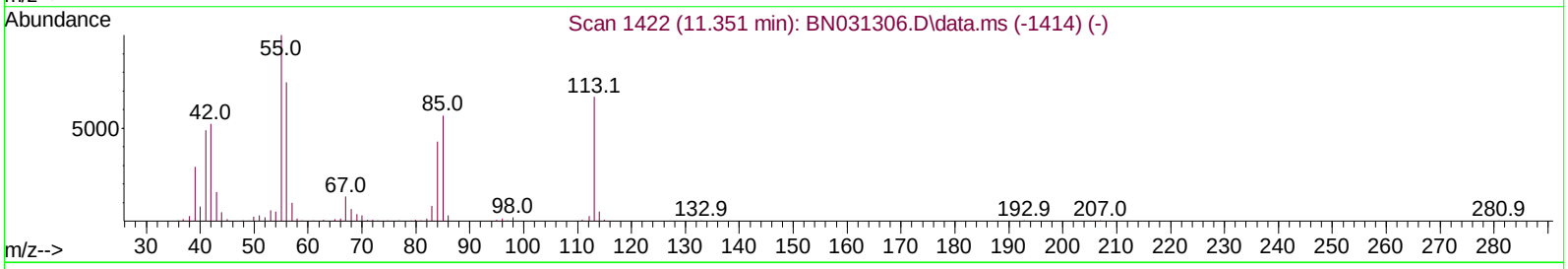

TIC: BN031309.D\data.ms

(34) Caprolactam

11.440min (+ 0.088) 162.00 ng/ul m

response 931236

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	149.90	147.67
56.00	112.00	114.18
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042924\
Data File : BN031309.D
Acq On : 29 Apr 2024 15:41
Operator : MA/JU
Sample : SSTD16049
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 29 16:15:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	249914	20.000	ng/ul	0.00
20) Naphthalene-d8	10.404	136	1123104	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.269	164	702643	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.028	188	1425930	20.000	ng/ul	0.01
79) Chrysene-d12	21.269	240	923491	20.000	ng/ul	0.01
88) Perylene-d12	24.157	264	918737	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.540	84	2327487	148.269	ng/ul	0.00
7) Phenol-d5	6.816	99	3082568	155.308	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.975	67	1744939	144.516	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.352	113	2560433	153.992	ng/ul	0.02
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	10.557	131	3311657	134.273	ng/ul	0.02
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	14.528	143	1368407	159.160	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.422	200	1234951	191.452	ng/ul	0.03
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	0d	0.000	ng/ul	
Target Compounds						Qvalue
5) Pyridine	3.558	79	2259878	143.261	ng/ul	99
6) Benzaldehyde	6.775	77	1120098	121.663	ng/ul	97
8) Phenol	6.846	94	3037850	147.647	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.069	93	2409070	144.133	ng/ul	99
13) 2-Methylphenol	8.075	108	2412214	151.675	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.157	45	3166917	136.019	ng/ul	99
16) Acetophenone	8.457	105	3386436	130.783	ng/ul	98
18) 4-Methylphenol	8.428	108	2551037	143.924	ng/ul	98
32) 4-Chloroaniline	10.587	127	3106278	130.822	ng/ul	98
34) Caprolactam	11.440	113	931236m	162.000	ng/ul	
40) Hexachlorocyclopentadiene	12.422	237	1745117	174.274	ng/ul	92
51) 3-Nitroaniline	14.210	138	1478845	159.551	ng/ul	99
53) 2,4-Dinitrophenol	14.416	184	1046405	245.003	ng/ul	90
55) 4-Nitrophenol	14.545	109	1102972	162.234	ng/ul	93
63) 4-Nitroaniline	15.398	138	1267231	142.529	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.439	198	1273315	184.069	ng/ul#	97
70) Atrazine	16.516	200	1715848	132.711	ng/ul	94
71) Pentachlorophenol	16.681	266	1522687	165.710	ng/ul	95
77) Carbazole	17.445	167	8471565	135.696	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.186	252	2367226	144.255	ng/ul	97
89) Di-n-octyl phthalate	22.269	149	10305257	177.365	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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