Quantitation Report (Qedit)

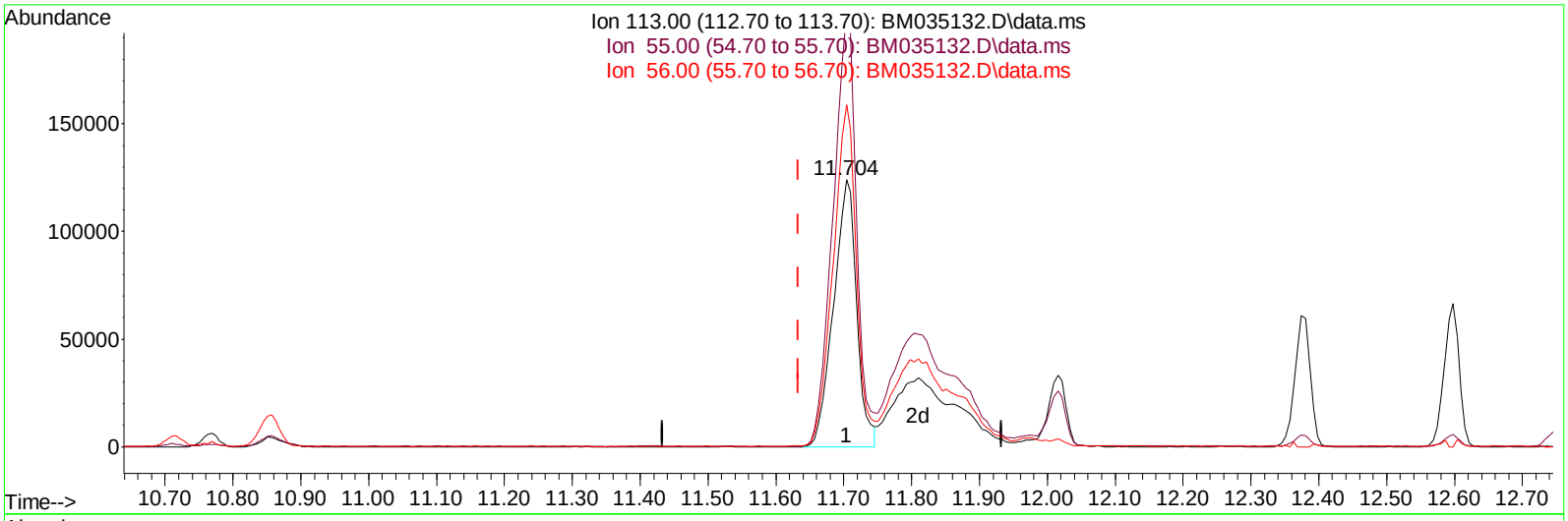
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051722\
Data File : BM035132.D
Acq On : 17 May 2022 15:17
Operator : CG/JU
Sample : SSTD16045
Misc :
ALS Vial : 7 Sample Multiplier: 1

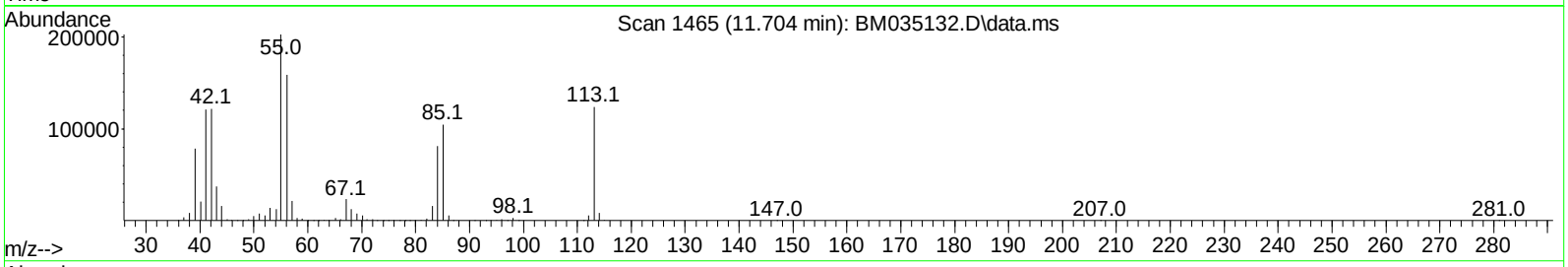
Quant Time: May 17 16:03:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051722.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 17 14:25:28 2022
Response via : Initial Calibration

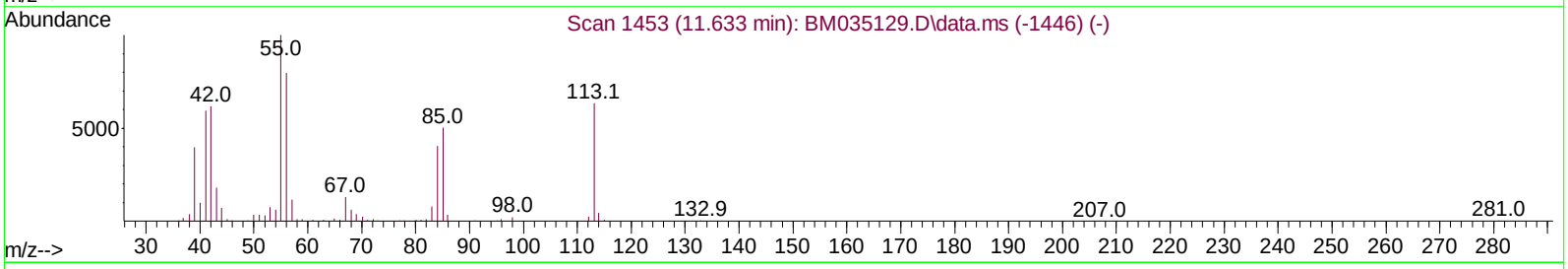
Instrument :
BNA_M
ClientSampleId :
SSTD160045

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/18/2022
Supervised By :mohammad ahmed 05/19/2022







TIC: BM035132.D\data.ms

(34) Caprolactam

11.704min (+ 0.071) 98.76 ng/ul

response 293477

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.20	163.49
56.00	130.40	128.23
0.00	0.00	0.00

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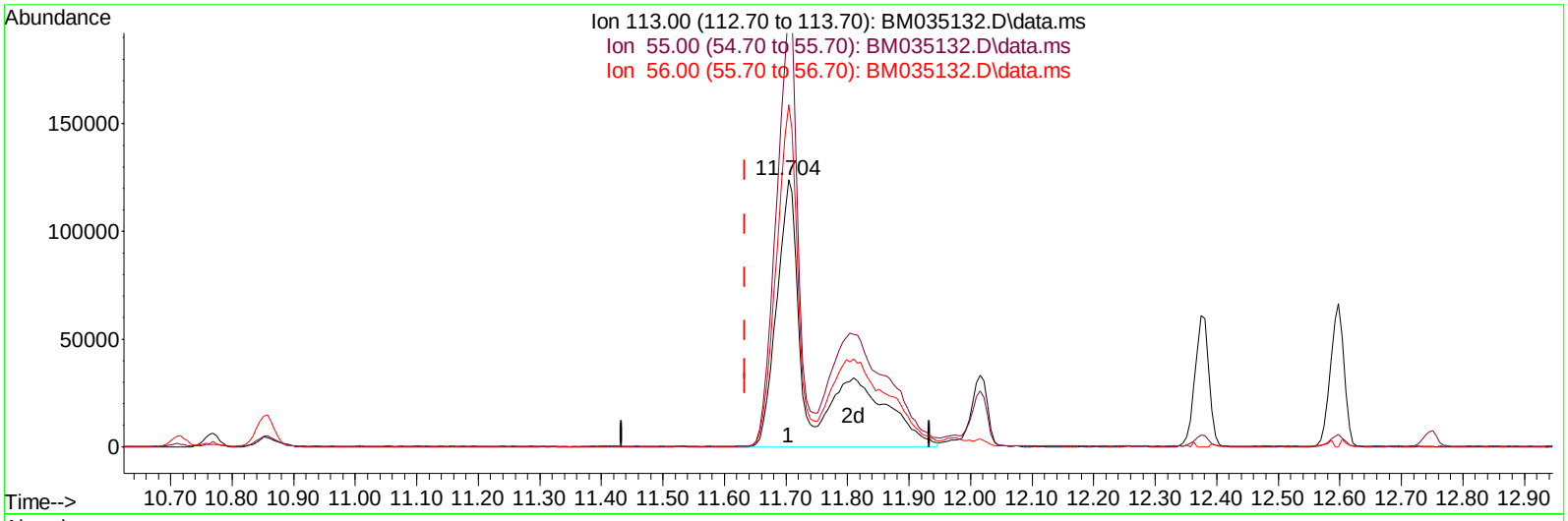

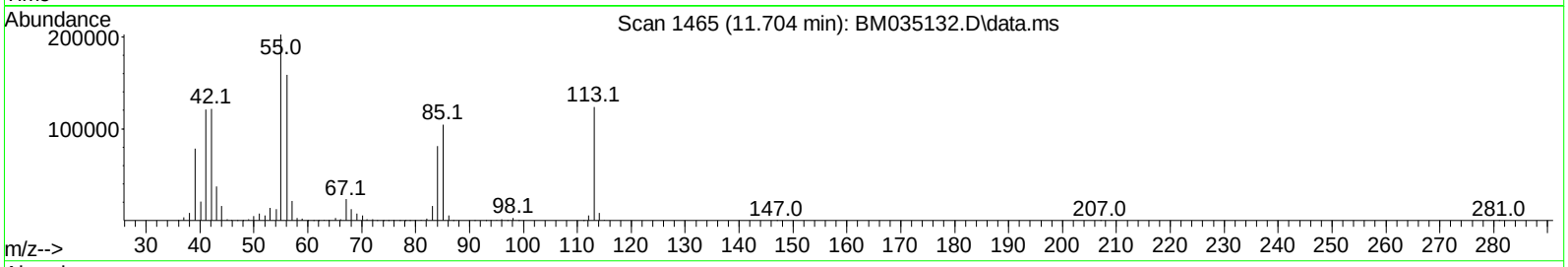

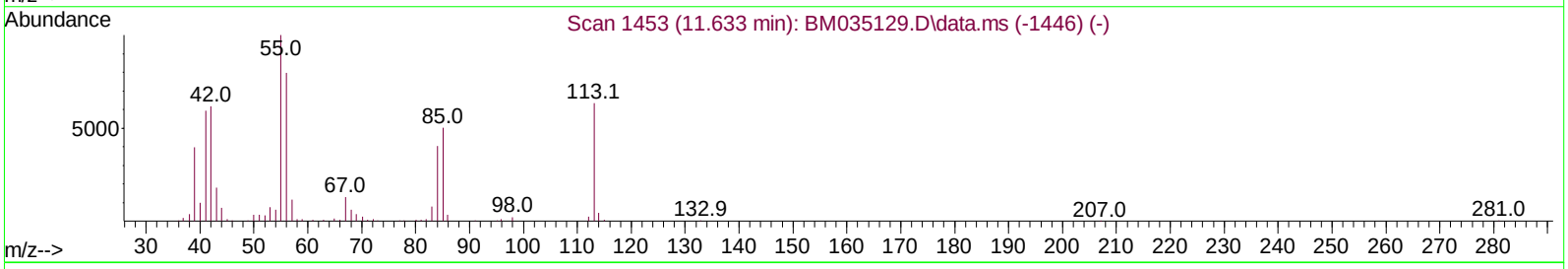

TIC: BM035132.D\data.ms

(34) Caprolactam

11.704min (+ 0.071) 168.56 ng/ul m

response 500869

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.20	163.49
56.00	130.40	128.23
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	7.910	152	172565	20.000	ng/ul	0.00
20) Naphthalene-d8	10.716	136	660260	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.545	164	400091	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.292	188	784327	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	812426	20.000	ng/ul	0.00
88) Perylene-d12	23.868	264	794039	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.775	84	1792524	157.662	ng/ul	0.00
7) Phenol-d5	7.087	99	2066185	138.404	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.245	67	1273884	135.950	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.634	113	1727081	141.896	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	10.857	131	2300424	158.168	ng/ul	0.01
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	14.768	143	872004	169.138	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.674	200	934291	189.034	ng/ul	0.02
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	3.793	79	1818581	151.559	ng/ul	89
6) Benzaldehyde	7.051	77	489117	58.706	ng/ul	98
8) Phenol	7.116	94	2168981	145.957	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.340	93	1654273	140.643	ng/ul	98
13) 2-Methylphenol	8.363	108	1621279	143.940	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.451	45	2285412	118.845	ng/ul	97
16) Acetophenone	8.745	105	2653614	140.458	ng/ul	98
18) 4-Methylphenol	8.710	108	1738070	141.239	ng/ul	99
32) 4-Chloroaniline	10.881	127	2292845	157.524	ng/ul	99
34) Caprolactam	11.704	113	500869m	168.556	ng/ul	
40) Hexachlorocyclopentadiene	12.733	237	1640999	201.073	ng/ul	99
51) 3-Nitroaniline	14.463	138	842562	162.507	ng/ul#	97
53) 2,4-Dinitrophenol	14.669	184	725349	219.596	ng/ul	98
55) 4-Nitrophenol	14.786	109	790800	174.432	ng/ul	91
63) 4-Nitroaniline	15.633	138	682351	147.863	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.692	198	915152	187.007	ng/ul#	94
70) Atrazine	16.768	200	1536485	171.182	ng/ul	98
71) Pentachlorophenol	16.945	266	1112013	194.121	ng/ul	99
77) Carbazole	17.698	167	6128806	156.236	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.397	252	2457488	160.299	ng/ul#	99
89) Di-n-octyl phthalate	22.321	149	9087033	137.470	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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