Quantitation Report (Qedit)

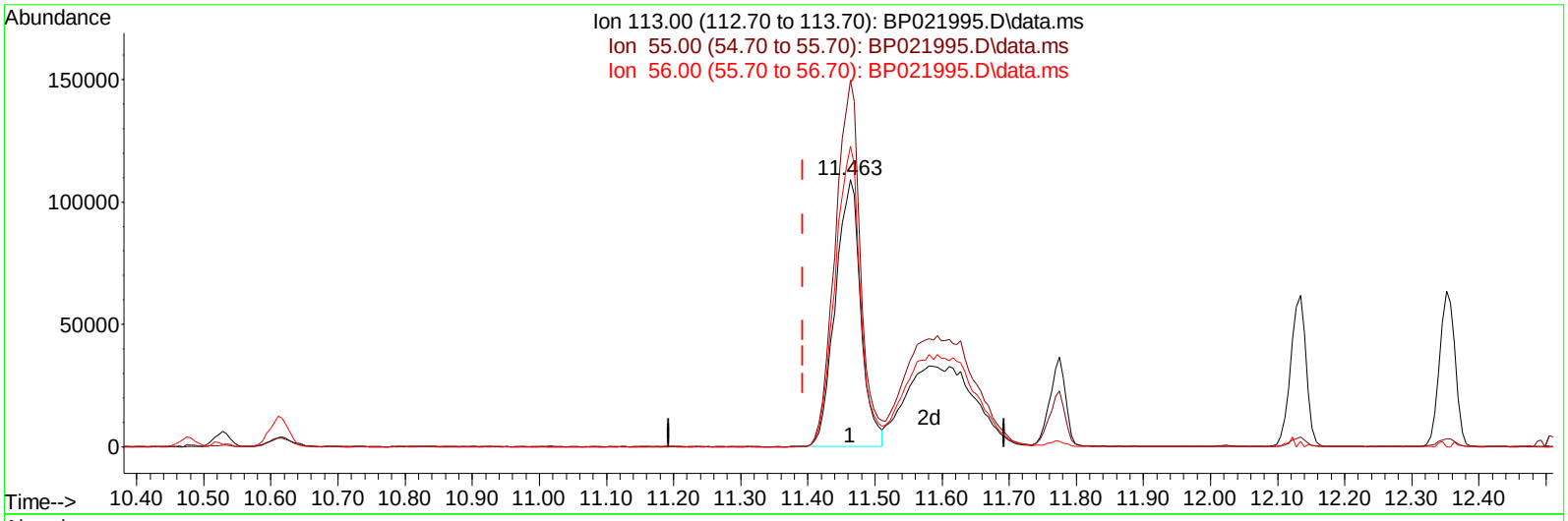
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
Data File : BP021995.D
Acq On : 24 Sep 2024 14:18
Operator : RC/JU
Sample : SSTD16042
Misc :
ALS Vial : 7 Sample Multiplier: 1

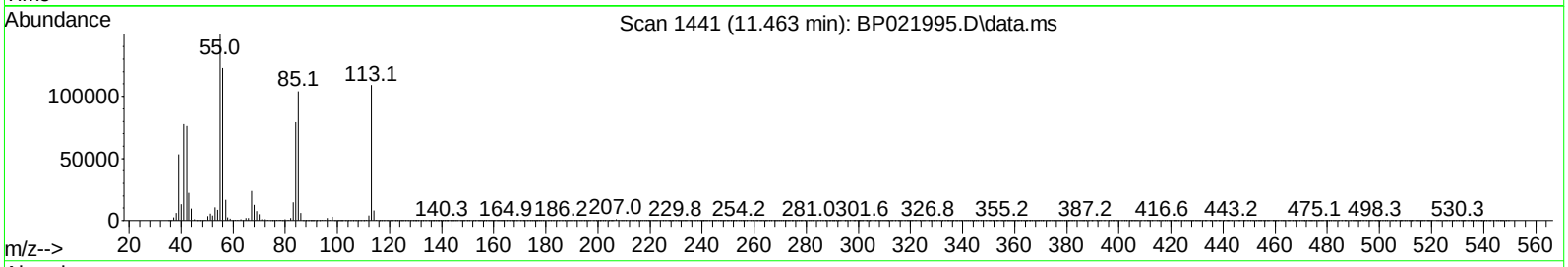
Quant Time: Sep 24 15:18:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 24 15:01:38 2024
Response via : Initial Calibration

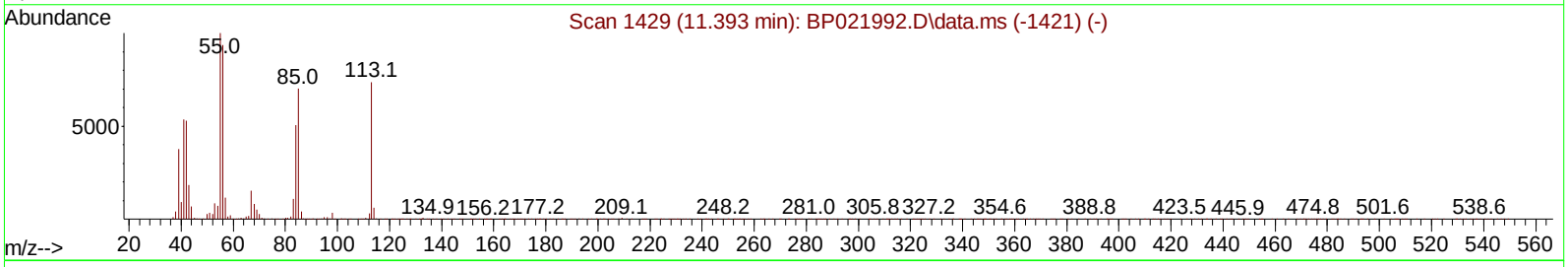
Instrument :
BNA_P
ClientSampleId :
SSTD160620

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/25/2024
Supervised By :mohammad ahmed 09/28/2024







TIC: BP021995.D\data.ms

(34) Caprolactam

11.463min (+ 0.071) 94.23 ng/ul

response 287415

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	136.10	137.36
56.00	127.30	112.61
0.00	0.00	0.00

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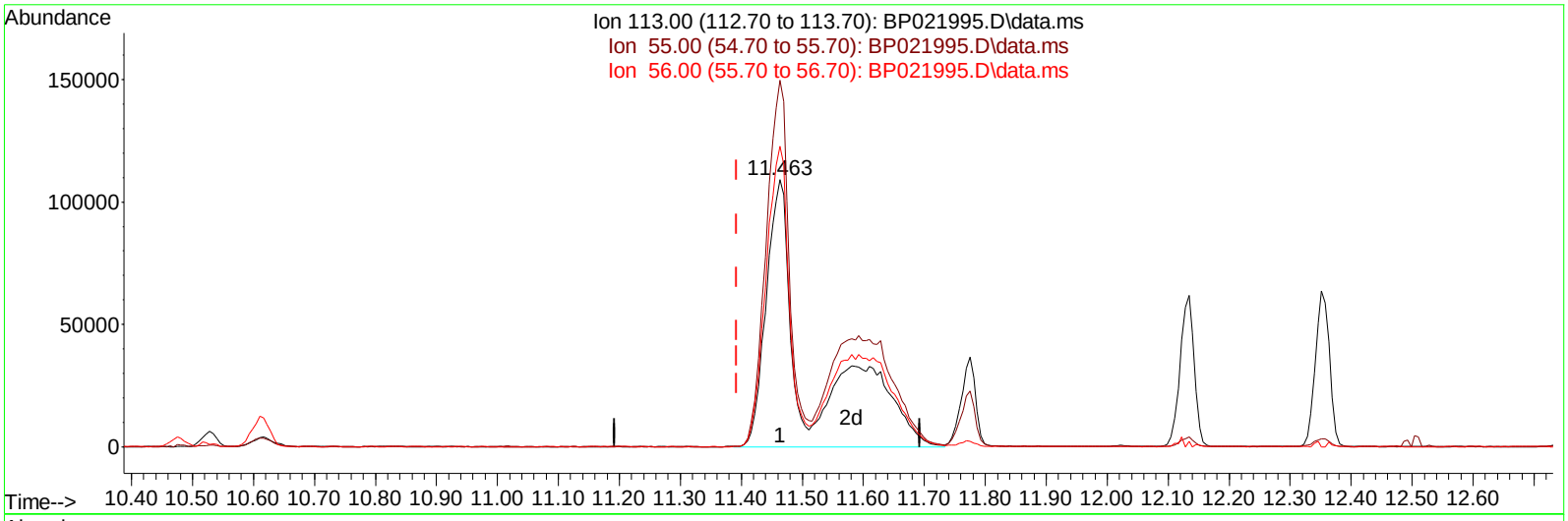

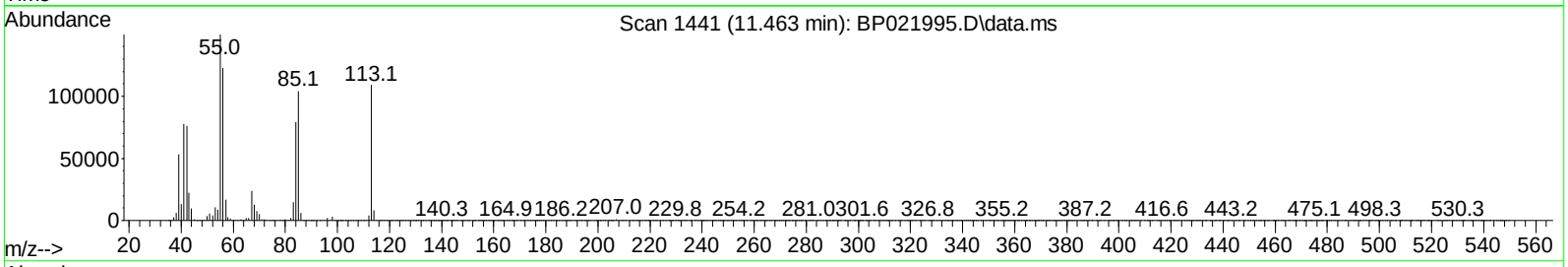

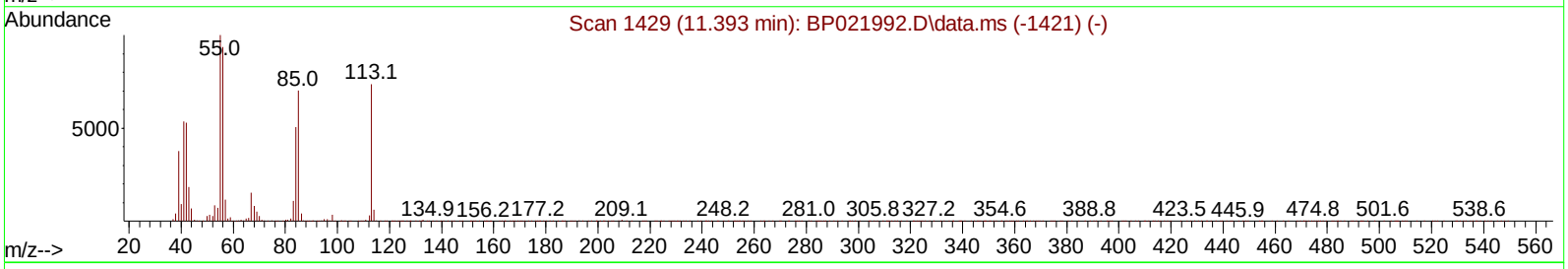

TIC: BP021995.D\data.ms

(34) Caprolactam

11.463min (+ 0.071) 172.79 ng/ul m

response 527044

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	136.10	137.36
56.00	127.30	112.61
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Sample : SSTD16042
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 24 15:21:53 2024
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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	141883	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	549904	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	415215	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.122	188	1001677	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	1081994	20.000	ng/ul	0.03
88) Perylene-d12	24.845	264	1220716	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.634	84	1583709	152.956	ng/ul	0.00
7) Phenol-d5	6.905	99	1980452	170.638	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.058	67	1119026	156.581	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.428	113	1540769	167.534	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	10.616	131	1906901	157.697	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	14.557	143	919091	167.408	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.463	200	1145803	184.246	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	3.658	79	1595248	151.650	ng/ul	96
6) Benzaldehyde	6.869	77	741705	112.970	ng/ul	99
8) Phenol	6.934	94	2037355	168.209	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.152	93	1477561	159.386	ng/ul	98
13) 2-Methylphenol	8.152	108	1486445	169.216	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.228	45	1325516	154.134	ng/ul	98
16) Acetophenone	8.534	105	2433610	159.082	ng/ul	97
18) 4-Methylphenol	8.499	108	1591180	166.106	ng/ul	96
32) 4-Chloroaniline	10.640	127	1873199	156.411	ng/ul	99
34) Caprolactam	11.463	113	527044m	172.790	ng/ul	
40) Hexachlorocyclopentadiene	12.487	237	1598462	165.074	ng/ul	98
51) 3-Nitroaniline	14.234	138	943208	167.632	ng/ul	98
53) 2,4-Dinitrophenol	14.440	184	834257	198.392	ng/ul	97
55) 4-Nitrophenol	14.575	109	985055	158.593	ng/ul	96
63) 4-Nitroaniline	15.428	138	821114	143.384	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.481	198	1216219	179.634	ng/ul#	95
70) Atrazine	16.598	200	1701508	144.575	ng/ul	99
71) Pentachlorophenol	16.769	266	1725198	177.034	ng/ul	99
77) Carbazole	17.545	167	7368884	156.436	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.469	252	3773456	152.317	ng/ul	99
89) Di-n-octyl phthalate	22.739	149	10064312	166.894	ng/ul	100

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Supervised By :mohammad ahmed 09/28/2024

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

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

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