

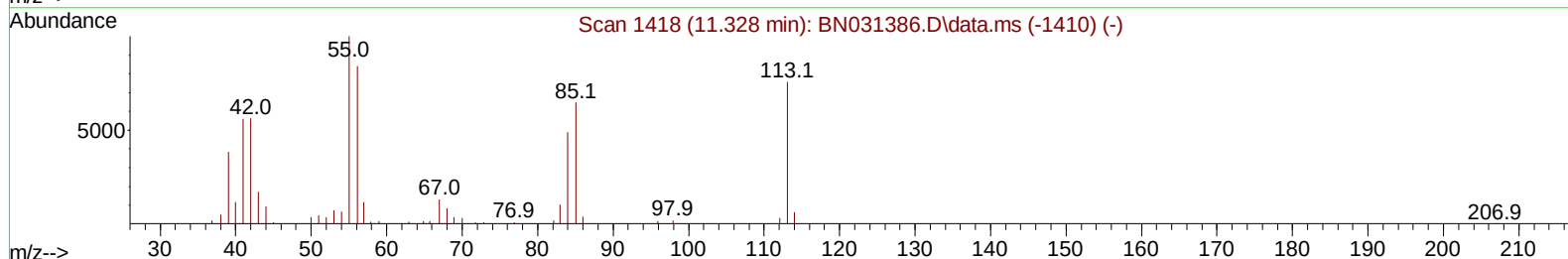
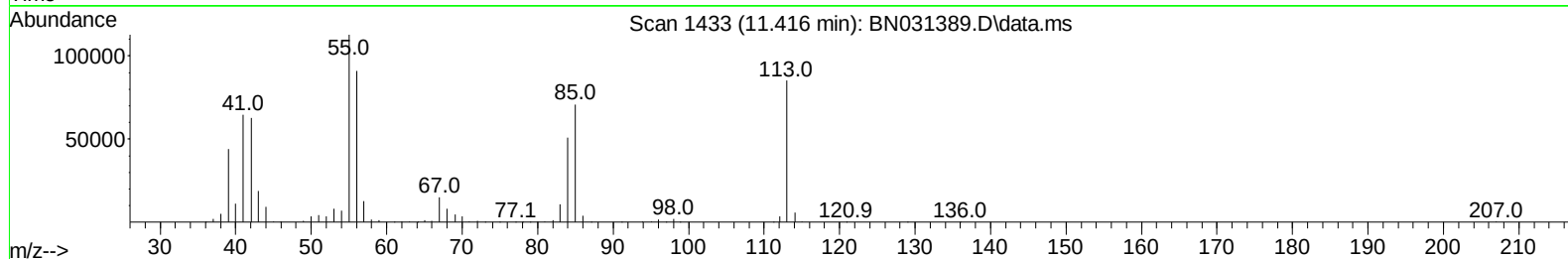
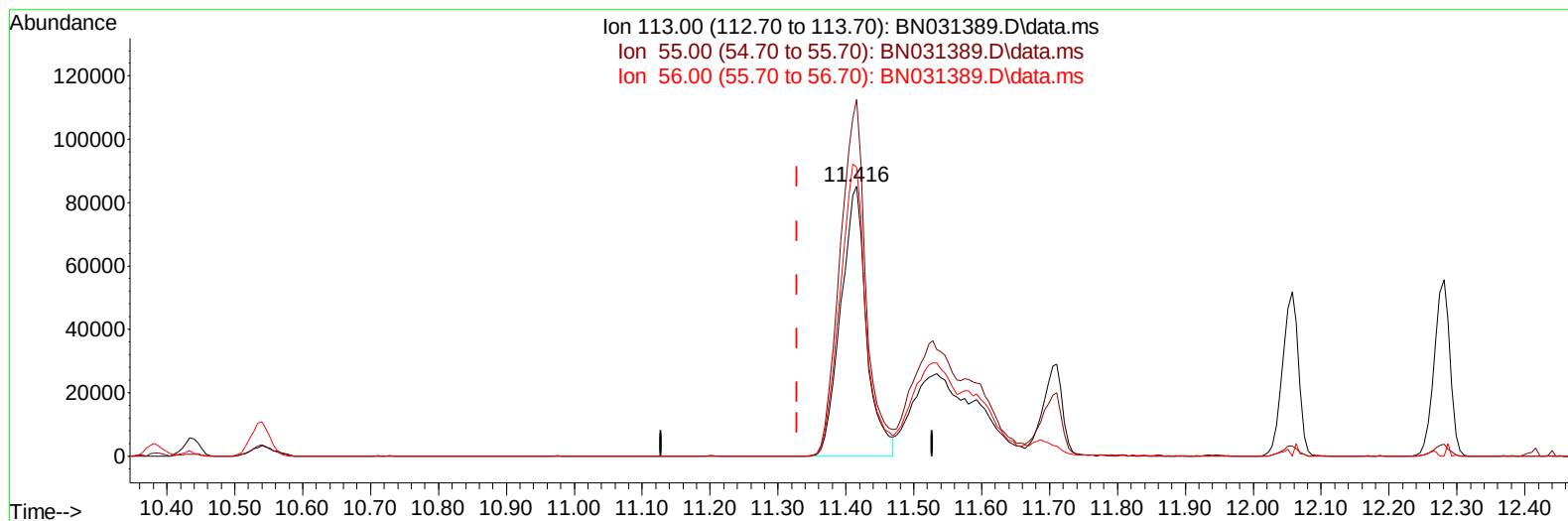
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050324\  
Data File : BN031389.D  
Acq On : 03 May 2024 13:42  
Operator : MA/JU  
Sample : SSTD16055  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD160236

Manual IntegrationsAPPROVED

Quant Time: May 03 14:11:23 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN050324.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri May 03 13:55:42 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 05/04/2024  
Supervised By :mohammad ahmed 05/04/2024



TIC: BN031389.D\data.ms

(34) Caprolactam

11.416min (+ 0.088) 74.51 ng/ul

response 222779

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 132.00 | 132.44 |
| 56.00  | 111.10 | 107.06 |
| 0.00   | 0.00   | 0.00   |

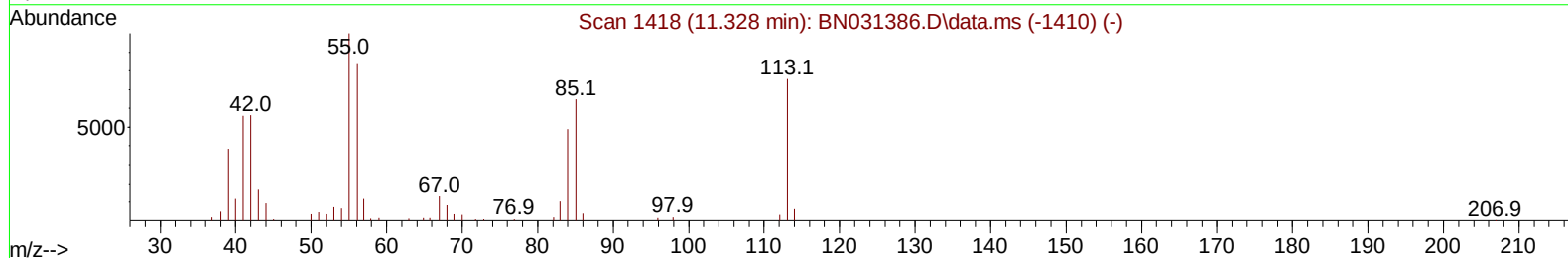
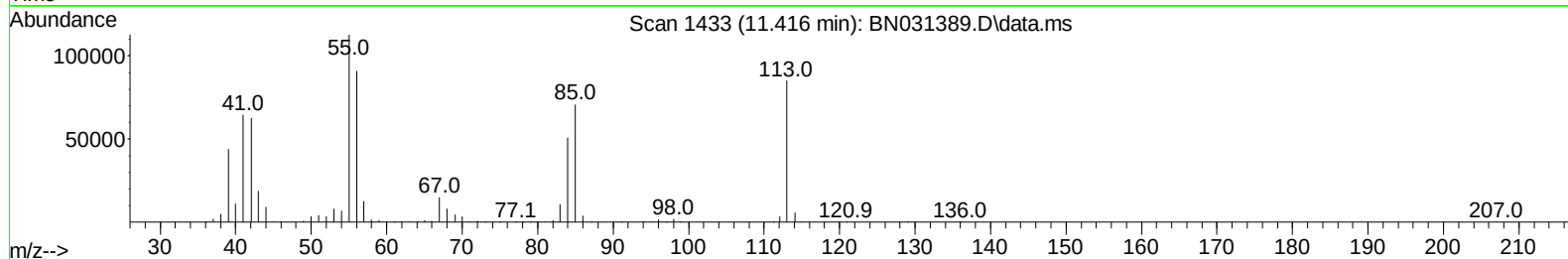
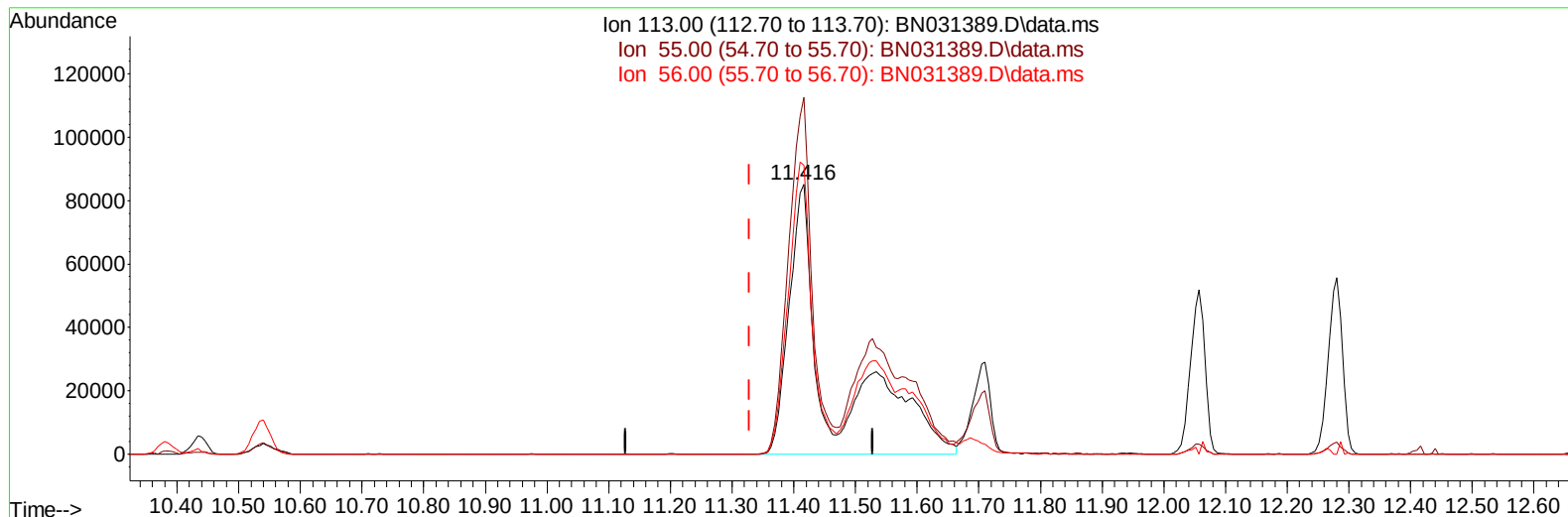
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TIC: BN031389.D\data.ms

(34) Caprolactam

11.416min (+ 0.088) 131.63 ng/ul m

response 393566

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 132.00 | 132.44 |
| 56.00  | 111.10 | 107.06 |
| 0.00   | 0.00   | 0.00   |

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 Sample : SSTD16055  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

## Instrument :

BNA\_N

## ClientSampleId :

SSTD160236

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/04/2024

Quant Time: May 03 14:14:05 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN050324.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri May 03 13:55:42 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.599  | 152  | 148200   | 20.000  | ng/ul | 0.00     |
| 20) Naphthalene-d8            | 10.381 | 136  | 602546   | 20.000  | ng/ul | 0.00     |
| 38) Acenaphthene-d10          | 14.251 | 164  | 340769   | 20.000  | ng/ul | 0.00     |
| 64) Phenanthrene-d10          | 17.004 | 188  | 624878   | 20.000  | ng/ul | 0.00     |
| 79) Chrysene-d12              | 21.245 | 240  | 513359   | 20.000  | ng/ul | 0.00     |
| 88) Perylene-d12              | 24.121 | 264  | 641192   | 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                | 3.522  | 84   | 1441530  | 162.459 | ng/ul | 0.00     |
| 7) Phenol-d5                  | 6.799  | 99   | 1762203  | 154.967 | ng/ul | 0.02     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.958  | 67   | 974983   | 151.087 | ng/ul | 0.01     |
| 11) 2-Chlorophenol-d4         | 0.000  | 132  | 0d       | 0.000   | ng/ul |          |
| 15) 4-Methylphenol-d8         | 8.334  | 113  | 1435642  | 151.608 | 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        | 10.540 | 131  | 1745647  | 134.636 | 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          | 14.504 | 143  | 636108   | 142.787 | ng/ul | 0.04     |
| 60) Fluorene-d10              | 0.000  | 176  | 0d       | 0.000   | ng/ul |          |
| 65) 4,6-Dinitro-2-methylph... | 15.398 | 200  | 626247   | 164.841 | 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                   | 3.540  | 79   | 1426294  | 159.168 | ng/ul | 97       |
| 6) Benzaldehyde               | 6.758  | 77   | 544275   | 93.103  | ng/ul | 94       |
| 8) Phenol                     | 6.828  | 94   | 1739878  | 150.376 | ng/ul | 95       |
| 10) Bis(2-Chloroethyl)ether   | 7.052  | 93   | 1376418  | 148.999 | ng/ul | 97       |
| 13) 2-Methylphenol            | 8.058  | 108  | 1350072  | 150.849 | ng/ul | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.140  | 45   | 1503450  | 148.163 | ng/ul | 98       |
| 16) Acetophenone              | 8.440  | 105  | 2096710  | 137.447 | ng/ul | 99       |
| 18) 4-Methylphenol            | 8.410  | 108  | 1414332  | 145.175 | ng/ul | 93       |
| 32) 4-Chloroaniline           | 10.563 | 127  | 1674354  | 133.410 | ng/ul | 98       |
| 34) Caprolactam               | 11.416 | 113  | 393566m  | 131.627 | ng/ul |          |
| 40) Hexachlorocyclopentadiene | 12.399 | 237  | 1162534  | 191.370 | ng/ul | 96       |
| 51) 3-Nitroaniline            | 14.193 | 138  | 698692   | 137.372 | ng/ul | 93       |
| 53) 2,4-Dinitrophenol         | 14.398 | 184  | 504938   | 171.751 | ng/ul | 94       |
| 55) 4-Nitrophenol             | 14.522 | 109  | 637426   | 137.363 | ng/ul | 97       |
| 63) 4-Nitroaniline            | 15.369 | 138  | 510858   | 109.160 | ng/ul | 98       |
| 66) 4,6-Dinitro-2-methylph... | 15.416 | 198  | 643046   | 161.822 | ng/ul | 99       |
| 70) Atrazine                  | 16.498 | 200  | 830560   | 135.703 | ng/ul | 99       |
| 71) Pentachlorophenol         | 16.657 | 266  | 762702   | 159.548 | ng/ul | 95       |
| 77) Carbazole                 | 17.422 | 167  | 4126135  | 141.942 | ng/ul | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.163 | 252  | 1410733  | 144.966 | ng/ul | 97       |
| 89) Di-n-octyl phthalate      | 22.245 | 149  | 6449045  | 136.933 | ng/ul | 100      |
| -----                         |        |      |          |         |       |          |

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Supervised By :mohammad ahmed 05/04/2024

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| Compound                                                                   | R.T. | Q | Ion | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|---|-----|----------|------|-------|----------|
| -----                                                                      |      |   |     |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |   |     |          |      |       |          |

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