

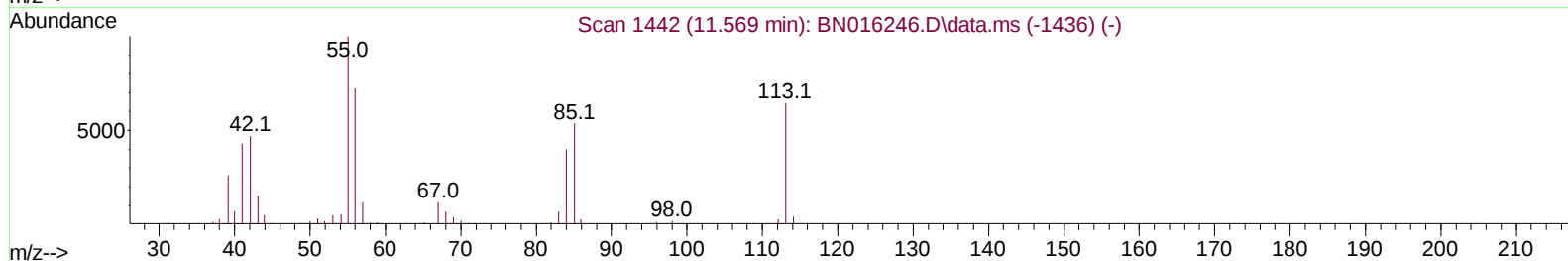
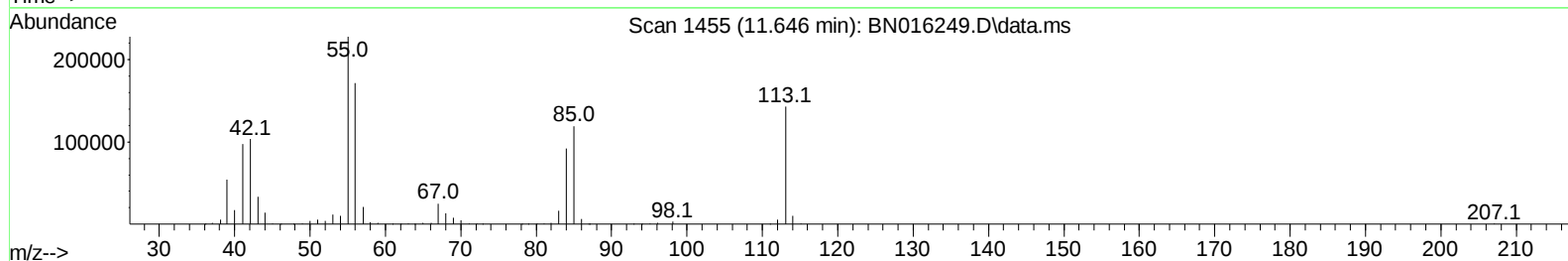
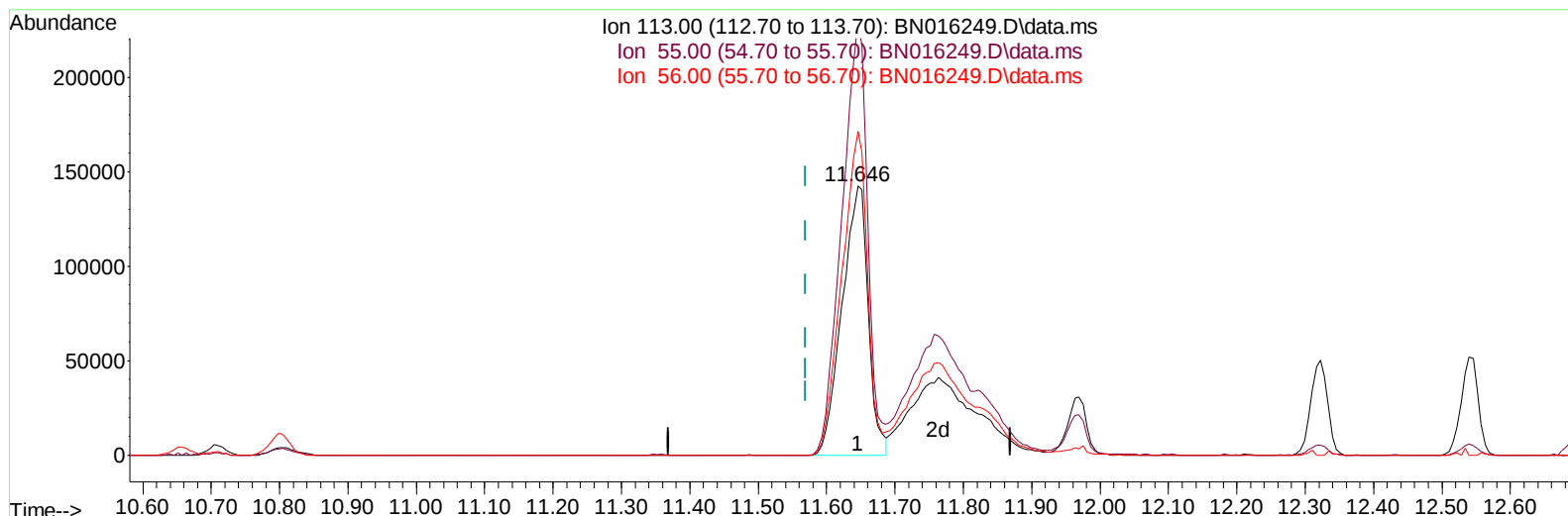
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN090821\  
 Data File : BN016249.D  
 Acq On : 08 Sep 2021 19:09  
 Operator : CG/JU  
 Sample : SSTD16013  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD160213

Manual Integrations  
 APPROVED

mohammad  
 9/9/2021 11:52:20 AM

Quant Time: Sep 08 19:37:36 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN090821MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 08 17:50:31 2021  
 Response via : Initial Calibration



TIC: BN016249.D\data.ms

**(34) Caprolactam**

**11.646min (+ 0.077) 107.74 ng/u1**

**response 377652**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 154.80 | 159.73 |
| 56.00  | 111.80 | 120.40 |
| 0.00   | 0.00   | 0.00   |

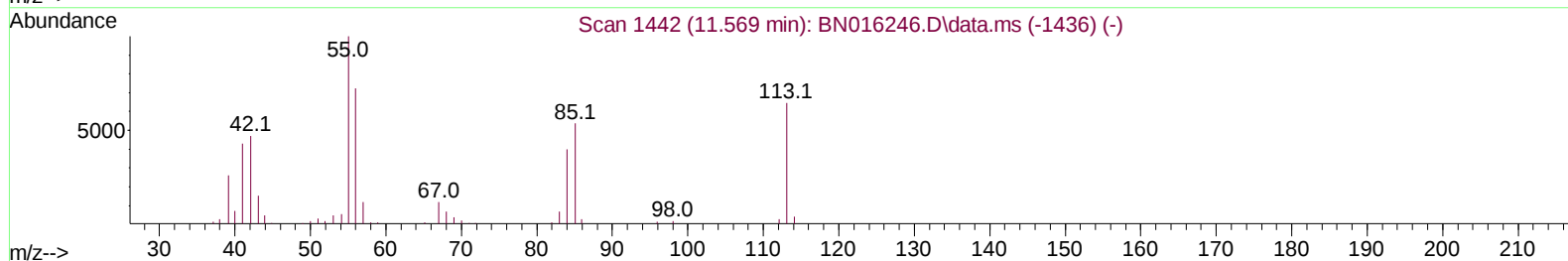
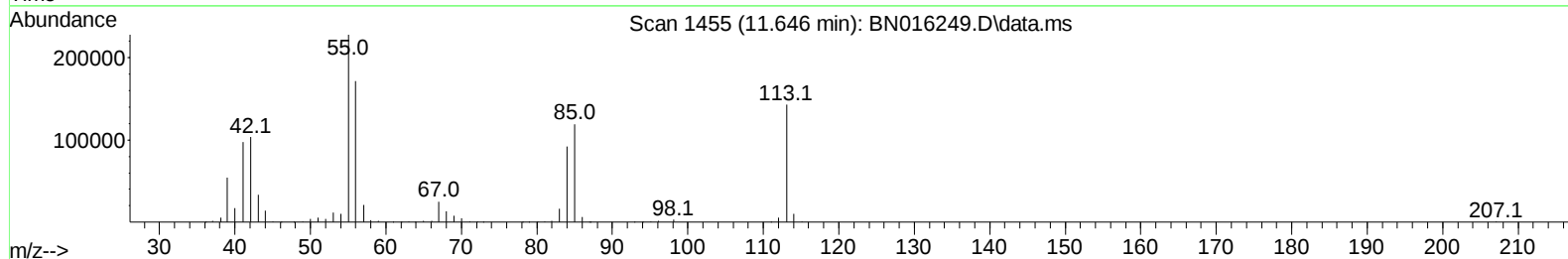
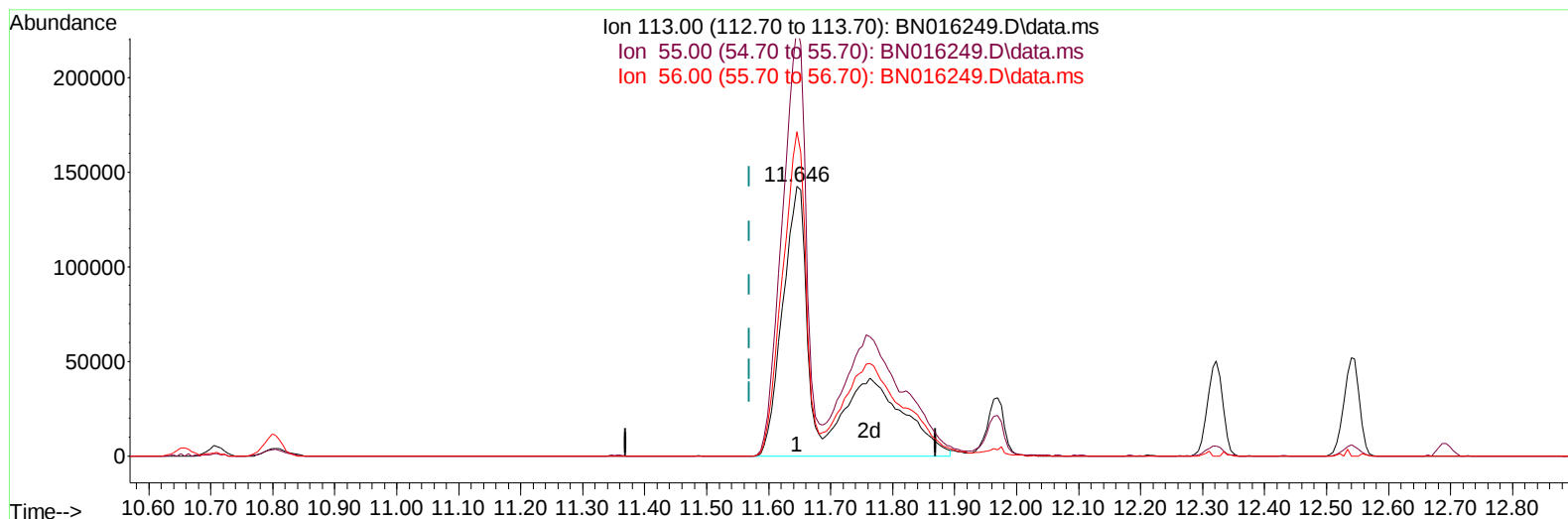
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TIC: BN016249.D\data.ms

(34) Caprolactam

11.646min (+ 0.077) 185.65 ng/ul m

response 650725

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 154.80 | 159.73 |
| 56.00  | 111.80 | 120.40 |
| 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     | 7.852  | 152  | 181100   | 20.000  | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.657 | 136  | 761212   | 20.000  | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.498 | 164  | 504672   | 20.000  | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.245 | 188  | 1058981  | 20.000  | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.445 | 240  | 1003133  | 20.000  | ng/ul  | 0.01     |
| 88) Perylene-d12              | 23.833 | 264  | 1113522  | 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                | 3.705  | 84   | 1697089  | 130.610 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.034  | 99   | 2237886  | 136.610 | ng/ul  | 0.01     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.187  | 67   | 1169764  | 115.977 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 0.000  | 132  | 0d       | 0.000   | ng/ul  |          |
| 15) 4-Methylphenol-d8         | 8.581  | 113  | 1802882  | 141.500 | 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        | 10.805 | 131  | 2517031  | 145.731 | 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          | 14.734 | 143  | 1044868  | 159.725 | ng/ul  | 0.04     |
| 60) Fluorene-d10              | 0.000  | 176  | 0d       | 0.000   | ng/ul  |          |
| 65) 4,6-Dinitro-2-methylph... | 15.634 | 200  | 1018834  | 180.149 | 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                   | 3.723  | 79   | 1665519  | 124.326 | ng/ul  | 97       |
| 6) Benzaldehyde               | 6.993  | 77   | 1194805  | 141.754 | ng/ul  | 99       |
| 8) Phenol                     | 7.064  | 94   | 2255255  | 135.048 | ng/ul  | 98       |
| 10) Bis(2-Chloroethyl)ether   | 7.281  | 93   | 1681836  | 128.550 | ng/ul  | 100      |
| 13) 2-Methylphenol            | 8.305  | 108  | 1722455  | 140.807 | ng/ul  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.387  | 45   | 2201951  | 131.790 | ng/ul  | 99       |
| 16) Acetophenone              | 8.687  | 105  | 2599546  | 126.430 | ng/ul  | 99       |
| 18) 4-Methylphenol            | 8.652  | 108  | 1864334  | 142.399 | ng/ul  | 99       |
| 32) 4-Chloroaniline           | 10.828 | 127  | 2504147  | 146.853 | ng/ul  | 98       |
| 34) Caprolactam               | 11.646 | 113  | 650725m  | 185.647 | ng/ul  |          |
| 40) Hexachlorocyclopentadiene | 12.669 | 237  | 1380947  | 130.464 | ng/ul  | 98       |
| 51) 3-Nitroaniline            | 14.422 | 138  | 1250815  | 175.206 | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol         | 14.622 | 184  | 774767   | 210.002 | ng/ul  | 94       |
| 55) 4-Nitrophenol             | 14.751 | 109  | 700643   | 109.459 | ng/ul  | 95       |
| 63) 4-Nitroaniline            | 15.598 | 138  | 1274088  | 186.259 | ng/ul  | 97       |
| 66) 4,6-Dinitro-2-methylph... | 15.645 | 198  | 989094   | 175.839 | ng/ul# | 96       |
| 70) Atrazine                  | 16.722 | 200  | 1689425  | 150.689 | ng/ul  | 95       |
| 71) Pentachlorophenol         | 16.904 | 266  | 1127869  | 151.392 | ng/ul  | 97       |
| 77) Carbazole                 | 17.657 | 167  | 7061592  | 136.651 | ng/ul  | 97       |
| 84) 3,3'-Dichlorobenzidine    | 21.363 | 252  | 2836106  | 138.067 | ng/ul  | 100      |
| 89) Di-n-octyl phthalate      | 22.275 | 149  | 10137603 | 143.844 | 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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