

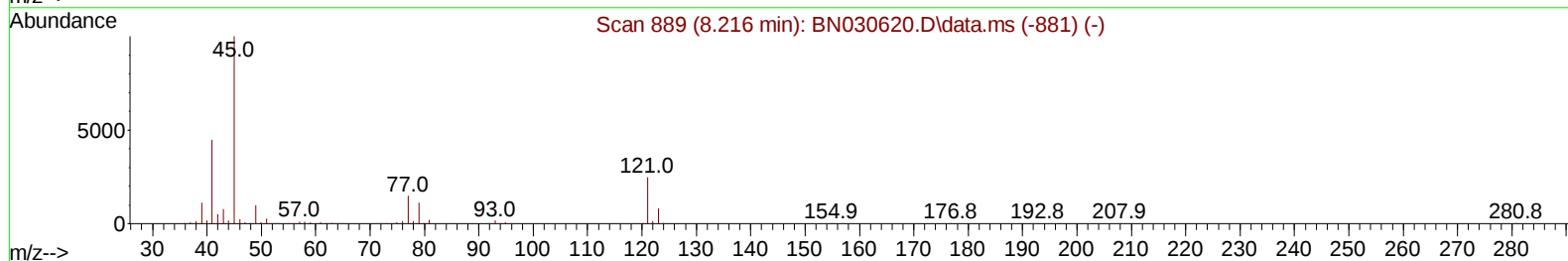
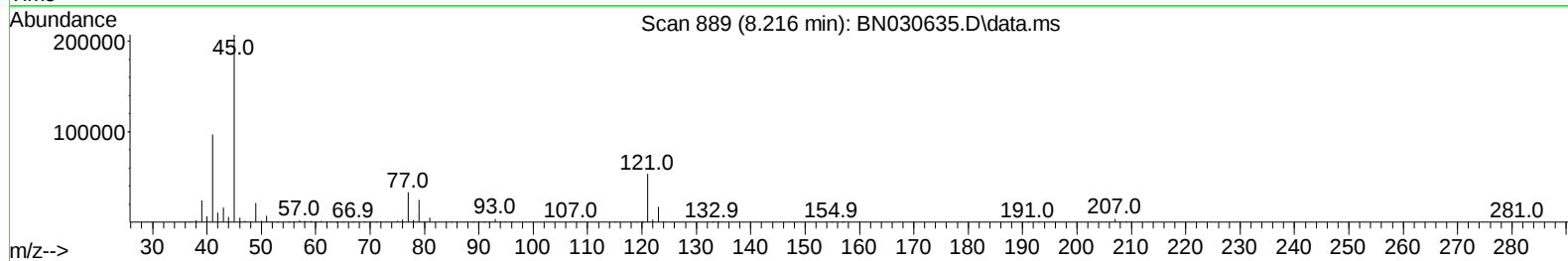
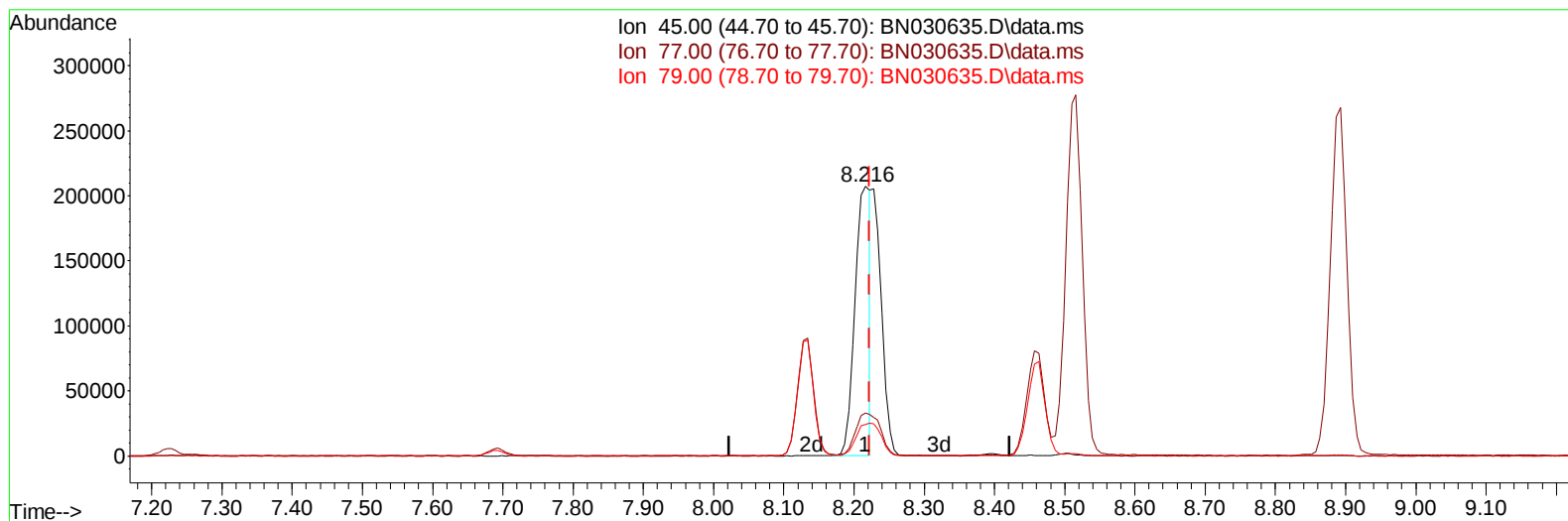
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040424\  
Data File : BN030635.D  
Acq On : 03 Apr 2024 20:06  
Operator : MA/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_N  
LabSampleId :  
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Apr 03 22:27:25 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN032824.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sun Mar 31 12:24:07 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/04/2024  
Supervised By :mohammad ahmed 04/06/2024



TIC: BN030635.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.216min (-0.006) 12.34 ng/u1

response 316692

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 15.10  | 16.01  |
| 79.00 | 10.80  | 11.79  |
| 0.00  | 0.00   | 0.00   |

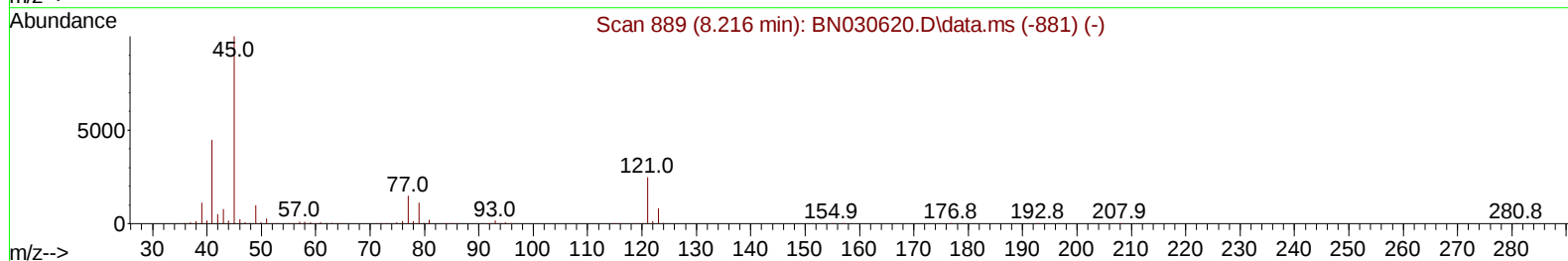
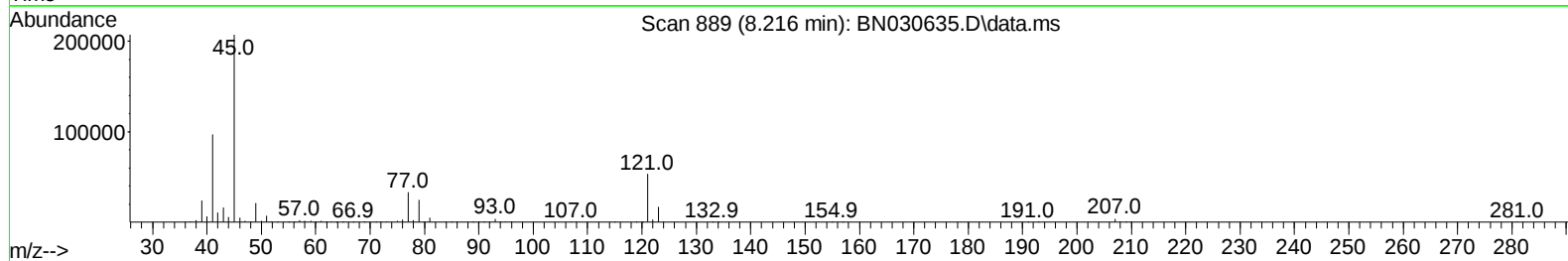
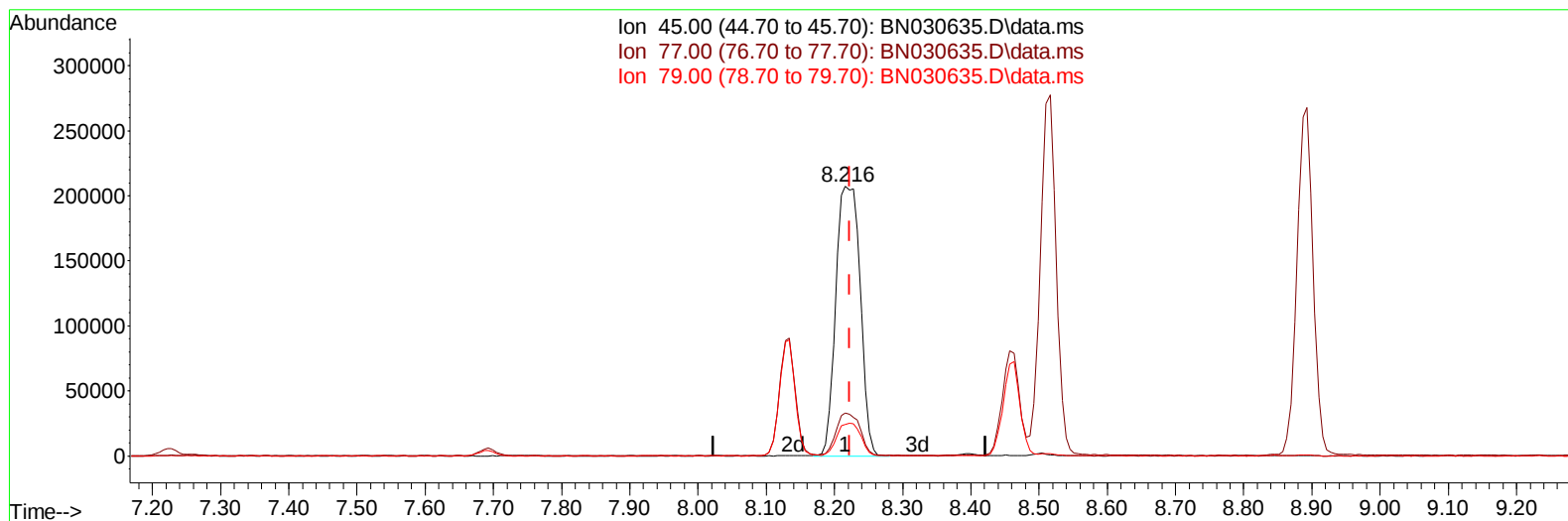
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Instrument :  
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 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 04/04/2024  
 Supervised By :mohammad ahmed 04/06/2024



TIC: BN030635.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.216min (-0.006) 20.13 ng/ul m

response 516598

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 45.00 | 100.00 | 100.00 |
| 77.00 | 15.10  | 16.01  |
| 79.00 | 10.80  | 11.79  |
| 0.00  | 0.00   | 0.00   |

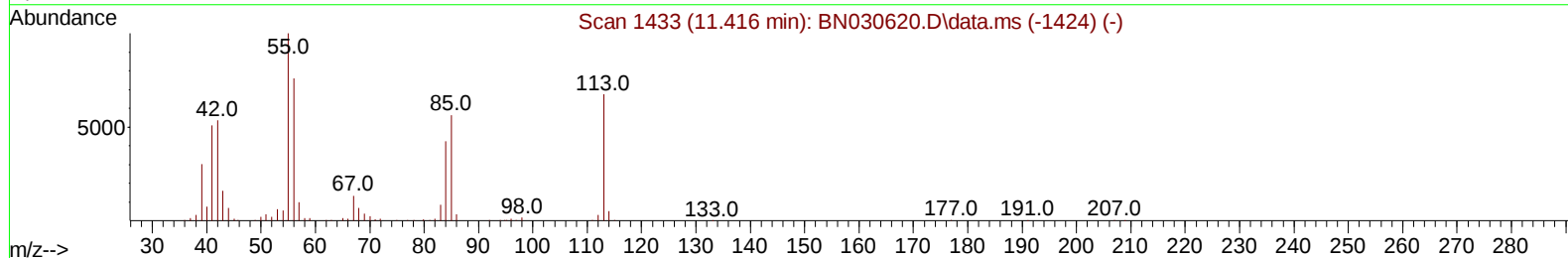
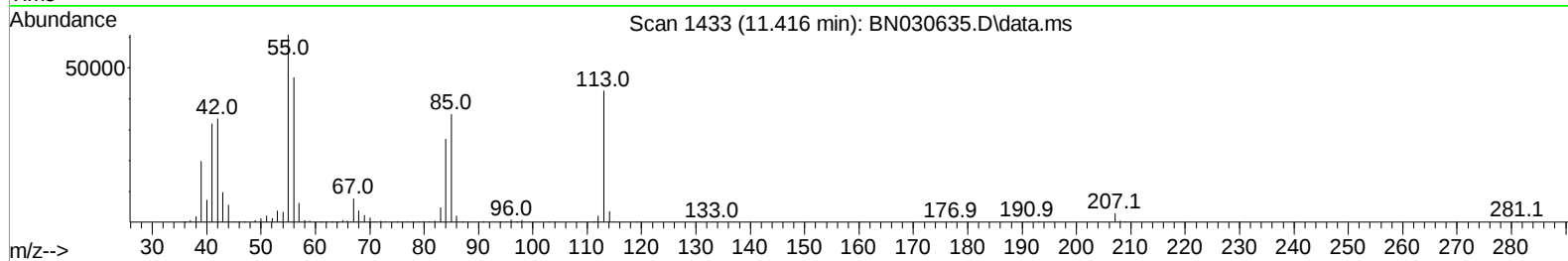
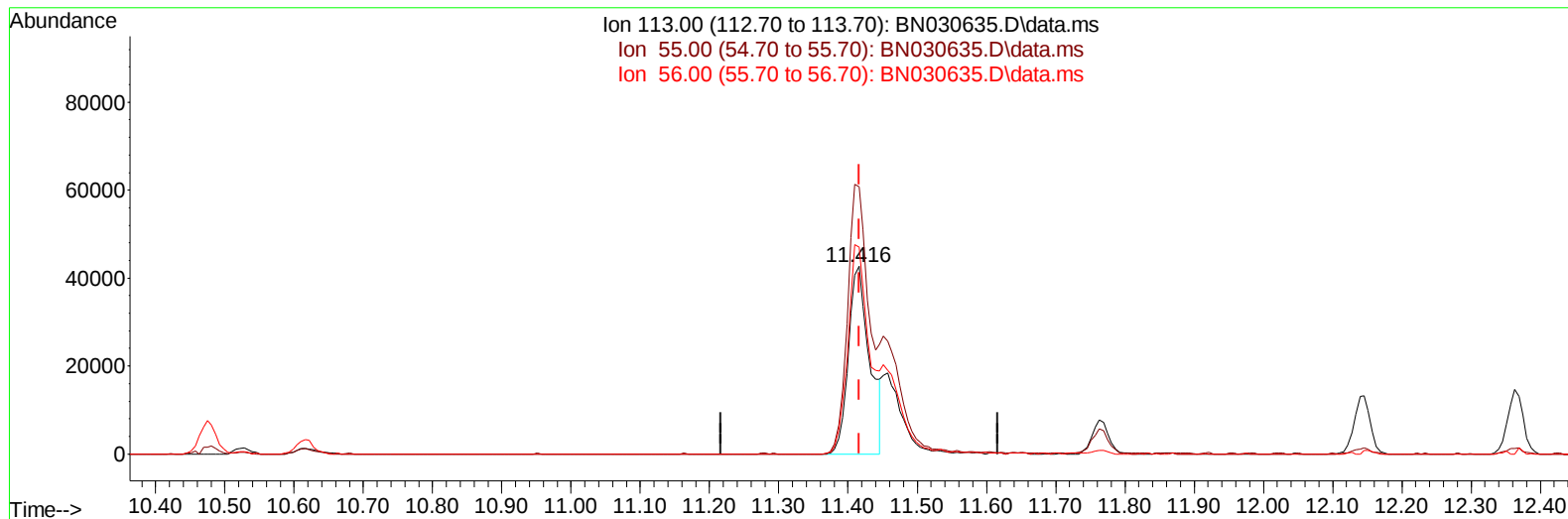
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Data File : BN030635.D  
Acq On : 03 Apr 2024 20:06  
Operator : MA/JU  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_N  
LabSampleId :  
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Apr 03 22:27:25 2024  
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QLast Update : Sun Mar 31 12:24:07 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/04/2024  
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TIC: BN030635.D\data.ms

(34) Caprolactam

11.416min (-0.000) 14.38 ng/ul

response 90817

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 155.90 | 142.52 |
| 56.00  | 113.20 | 110.41 |
| 0.00   | 0.00   | 0.00   |

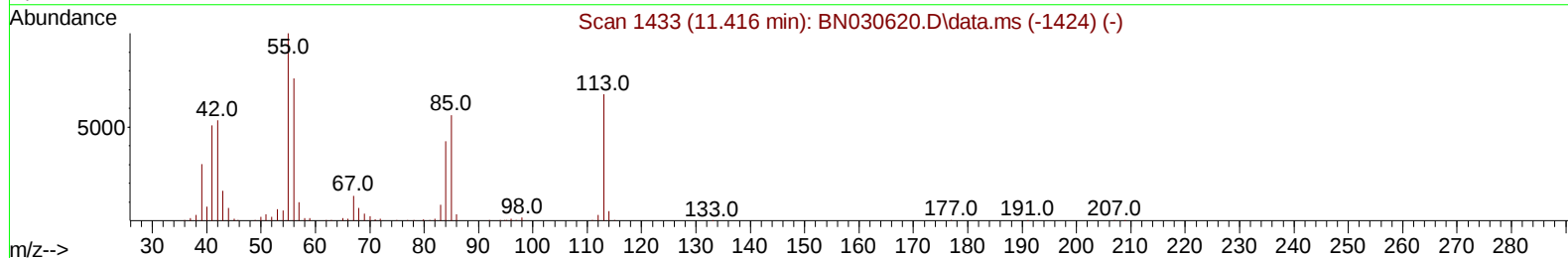
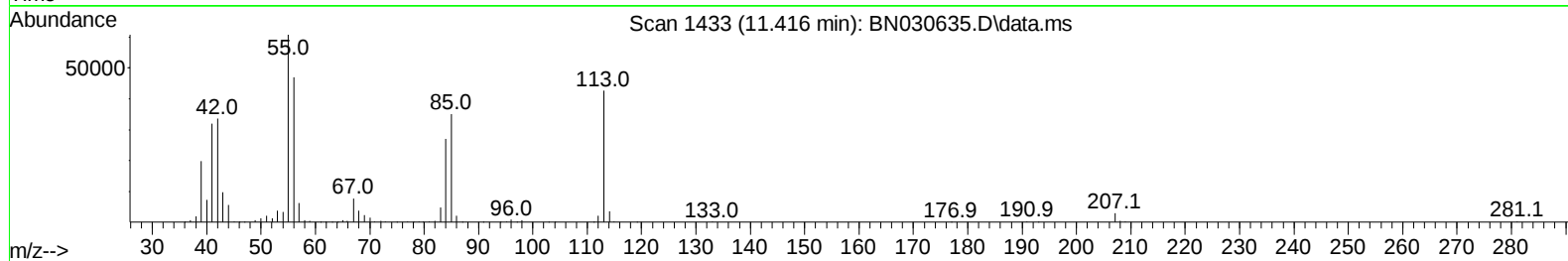
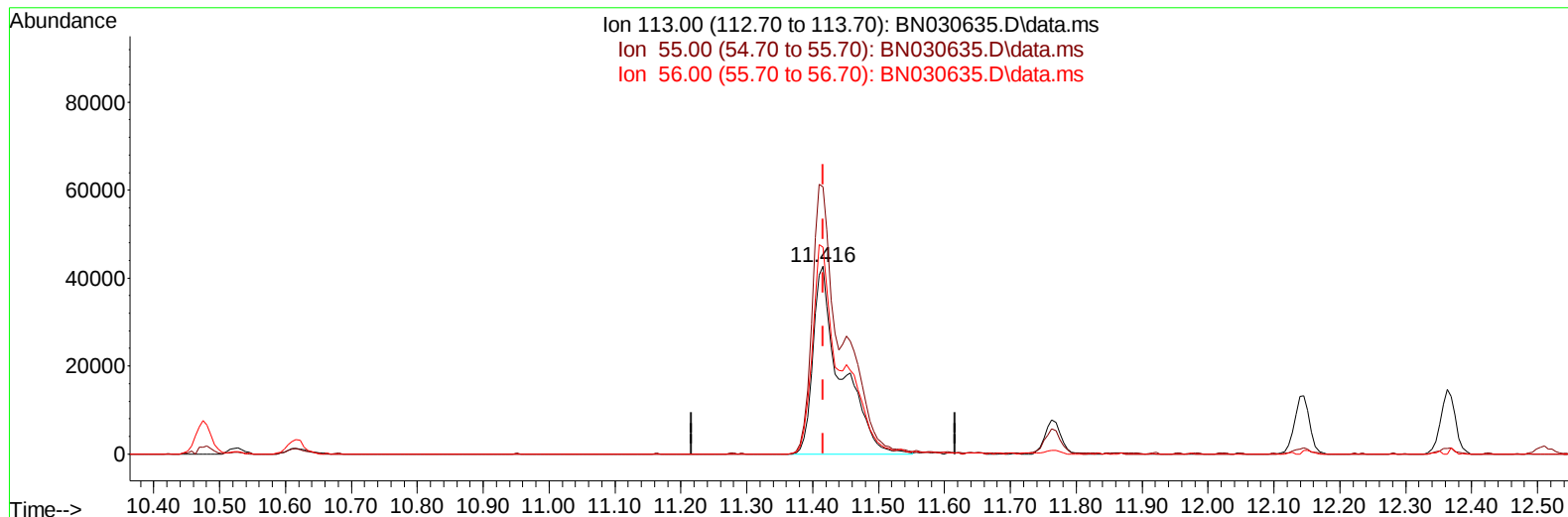
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Sample : SSTDCCC020  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_N  
LabSampleId :  
SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Apr 03 22:27:25 2024  
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Reviewed By :Yogesh Patel 04/04/2024  
Supervised By :mohammad ahmed 04/06/2024



TIC: BN030635.D\data.ms

(34) Caprolactam

11.416min (-0.000) 20.05 ng/ul m

response 126640

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 155.90 | 142.52 |
| 56.00  | 113.20 | 110.41 |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN040424\  
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 Operator : MA/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Apr 03 22:31:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN032824.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Mar 31 12:24:07 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/04/2024  
 Supervised By :mohammad ahmed 04/06/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.693  | 152  | 265152   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.475 | 136  | 1192171  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.333 | 164  | 768999   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.086 | 188  | 1648222  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.321 | 240  | 1479077  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.268 | 264  | 1541793  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.193  | 96   | 48321    | 8.544  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.599  | 84   | 364945   | 21.523 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.857  | 99   | 458398   | 21.371 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.034  | 67   | 276893   | 20.900 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.222  | 132  | 376890   | 23.162 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.398  | 113  | 377156   | 20.980 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.845  | 128  | 188098   | 22.745 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.563  | 143  | 194319   | 25.685 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.098 | 165  | 376337   | 22.722 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.616 | 131  | 566920   | 20.791 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.751 | 166  | 1115218  | 21.721 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.028 | 160  | 1341587  | 22.726 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.539 | 143  | 216136   | 22.008 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.327 | 176  | 988058   | 21.992 | ng/ul  | -0.01    |
| 65) 4,6-Dinitro-2-methylph... | 15.451 | 200  | 153395   | 21.085 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.180 | 188  | 1542114  | 21.715 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.480 | 212  | 1765394  | 22.200 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.062 | 264  | 1609422  | 22.654 | ng/ul  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.228  | 88   | 51434    | 8.490  | ng/uL  | 97       |
| 5) Pyridine                   | 3.616  | 79   | 364141   | 21.283 | ng/ul  | 96       |
| 6) Benzaldehyde               | 6.840  | 77   | 264096   | 26.439 | ng/ul  | 96       |
| 8) Phenol                     | 6.887  | 94   | 473286   | 21.181 | ng/ul  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.122  | 93   | 385613   | 21.162 | ng/ul  | 98       |
| 12) 2-Chlorophenol            | 7.257  | 128  | 386469   | 22.141 | ng/ul  | 97       |
| 13) 2-Methylphenol            | 8.134  | 108  | 366969   | 21.312 | ng/ul  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.216  | 45   | 516598m  | 20.134 | ng/ul  |          |
| 16) Acetophenone              | 8.516  | 105  | 589285   | 20.762 | ng/ul  | 97       |
| 17) N-Nitroso-di-n-propyla... | 8.498  | 70   | 291125   | 20.365 | ng/ul  | 96       |
| 18) 4-Methylphenol            | 8.457  | 108  | 402287   | 20.870 | ng/ul  | 98       |
| 19) Hexachloroethane          | 8.763  | 117  | 162495   | 22.204 | ng/ul  | 98       |
| 22) Nitrobenzene              | 8.893  | 77   | 440363   | 21.813 | ng/ul  | 99       |
| 23) Isophorone                | 9.416  | 82   | 844825   | 20.984 | ng/ul  | 99       |
| 25) 2-Nitrophenol             | 9.598  | 139  | 217498   | 24.461 | ng/ul  | 97       |
| 26) 2,4-Dimethylphenol        | 9.657  | 107  | 429990   | 21.758 | ng/ul  | 98       |
| 27) Bis(2-Chloroethoxy)met... | 9.898  | 93   | 529813   | 20.697 | ng/ul  | 99       |
| 29) 2,4-Dichlorophenol        | 10.122 | 162  | 372560   | 22.038 | ng/ul  | 99       |
| 30) Naphthalene               | 10.528 | 128  | 1316069  | 21.524 | ng/ul  | 100      |
| 32) 4-Chloroaniline           | 10.640 | 127  | 547787   | 20.845 | ng/ul  | 98       |
| 33) Hexachlorobutadiene       | 10.804 | 225  | 237102   | 22.282 | ng/ul  | 97       |
| 34) Caprolactam               | 11.416 | 113  | 126640m  | 20.052 | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 11.763 | 107  | 406399   | 21.343 | ng/ul  | 99       |

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 Data File : BN030635.D  
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 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 LabSampleId :  
 SSTDCCC020

Manual IntegrationsAPPROVED

Quant Time: Apr 03 22:31:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN032824.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Mar 31 12:24:07 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/04/2024  
 Supervised By :mohammad ahmed 04/06/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 36) 2-Methylnaphthalene       | 12.139 | 142  | 896343   | 20.991 | ng/ul | 100      |
| 37) 1-Methylnaphthalene       | 12.363 | 142  | 898020   | 20.717 | ng/ul | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.510 | 216  | 455997   | 22.977 | ng/ul | 98       |
| 40) Hexachlorocyclopentadiene | 12.492 | 237  | 240147   | 21.308 | ng/ul | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.757 | 196  | 298567   | 24.075 | ng/ul | 98       |
| 42) 2,4,5-Trichlorophenol     | 12.828 | 196  | 325468   | 23.239 | ng/ul | 96       |
| 43) 1,1'-Biphenyl             | 13.169 | 154  | 1152439  | 21.987 | ng/ul | 99       |
| 44) 2-Chloronaphthalene       | 13.204 | 162  | 927347   | 22.475 | ng/ul | 99       |
| 45) 2-Nitroaniline            | 13.416 | 65   | 254073   | 23.138 | ng/ul | 99       |
| 47) Dimethylphthalate         | 13.798 | 163  | 1143596  | 21.562 | ng/ul | 100      |
| 48) 2,6-Dinitrotoluene        | 13.916 | 165  | 229813   | 23.371 | ng/ul | 95       |
| 50) Acenaphthylene            | 14.057 | 152  | 1543176  | 22.625 | ng/ul | 99       |
| 51) 3-Nitroaniline            | 14.245 | 138  | 247701   | 23.732 | ng/ul | 98       |
| 52) Acenaphthene              | 14.398 | 153  | 994205   | 21.873 | ng/ul | 98       |
| 53) 2,4-Dinitrophenol         | 14.451 | 184  | 90769    | 20.097 | ng/ul | 96       |
| 55) 4-Nitrophenol             | 14.551 | 109  | 170209   | 21.876 | ng/ul | 97       |
| 56) Dibenzofuran              | 14.733 | 168  | 1360305  | 21.530 | ng/ul | 99       |
| 57) 2,4-Dinitrotoluene        | 14.704 | 165  | 336943   | 23.470 | ng/ul | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.963 | 232  | 275397   | 23.677 | ng/ul | 98       |
| 59) Diethylphthalate          | 15.169 | 149  | 1153112  | 21.401 | ng/ul | 98       |
| 61) Fluorene                  | 15.386 | 166  | 1084320  | 21.591 | ng/ul | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.386 | 204  | 521917   | 21.182 | ng/ul | 97       |
| 63) 4-Nitroaniline            | 15.410 | 138  | 255334   | 25.164 | ng/ul | 99       |
| 66) 4,6-Dinitro-2-methylph... | 15.463 | 198  | 164596   | 21.056 | ng/ul | 99       |
| 67) N-Nitrosodiphenylamine    | 15.598 | 169  | 954389   | 21.262 | ng/ul | 99       |
| 68) 4-Bromophenyl-phenylether | 16.280 | 248  | 330101   | 21.091 | ng/ul | 96       |
| 69) Hexachlorobenzene         | 16.380 | 284  | 377429   | 20.479 | ng/ul | 95       |
| 70) Atrazine                  | 16.557 | 200  | 337413   | 21.687 | ng/ul | 97       |
| 71) Pentachlorophenol         | 16.733 | 266  | 241037   | 22.182 | ng/ul | 94       |
| 72) Phenanthrene              | 17.127 | 178  | 1806411  | 21.332 | ng/ul | 98       |
| 74) Anthracene                | 17.216 | 178  | 1847383  | 21.580 | ng/ul | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.122 | 216  | 455128   | 22.476 | ng/uL | 98       |
| 76) Pentachlorobenzene        | 14.651 | 250  | 436502   | 21.223 | ng/uL | 91       |
| 77) Carbazole                 | 17.492 | 167  | 1676827  | 22.336 | ng/ul | 98       |
| 78) Di-n-butylphthalate       | 18.063 | 149  | 2058076  | 22.472 | ng/ul | 100      |
| 80) Fluoranthene              | 19.145 | 202  | 2142175  | 22.661 | ng/ul | 98       |
| 82) Pyrene                    | 19.515 | 202  | 2208055  | 22.117 | ng/ul | 98       |
| 83) Butylbenzylphthalate      | 20.427 | 149  | 956061   | 25.077 | ng/ul | 96       |
| 84) 3,3'-Dichlorobenzidine    | 21.233 | 252  | 692072   | 25.465 | ng/ul | 99       |
| 85) Benzo(a)anthracene        | 21.304 | 228  | 2244548  | 22.739 | ng/ul | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.239 | 149  | 1412867  | 25.129 | ng/ul | 98       |
| 87) Chrysene                  | 21.368 | 228  | 2056848  | 22.076 | ng/ul | 99       |
| 89) Di-n-octyl phthalate      | 22.357 | 149  | 2437671  | 24.967 | ng/ul | 100      |
| 90) Benzo(b)fluoranthene      | 23.333 | 252  | 2056577  | 22.665 | ng/ul | 99       |
| 91) Benzo(k)fluoranthene      | 23.398 | 252  | 2064714  | 22.406 | ng/ul | 99       |
| 93) Benzo(a)pyrene            | 24.127 | 252  | 1876718  | 21.895 | ng/ul | 100      |
| 94) Indeno(1,2,3-cd)pyrene    | 27.562 | 276  | 1929737  | 20.827 | ng/ul | 100      |
| 95) Dibenzo(a,h)anthracene    | 27.633 | 278  | 1613503  | 20.686 | ng/ul | 95       |
| 96) Benzo(g,h,i)perylene      | 28.603 | 276  | 1508937  | 20.744 | ng/ul | 95       |

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

**Instrument :**  
BNA\_N  
**LabSampleId :**  
SSTDCCC020

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 04/04/2024  
Supervised By :mohammad ahmed 04/06/2024

