

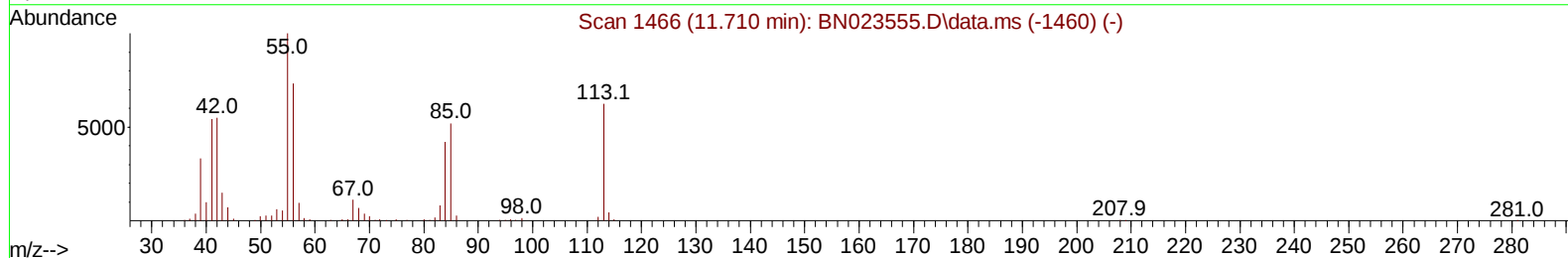
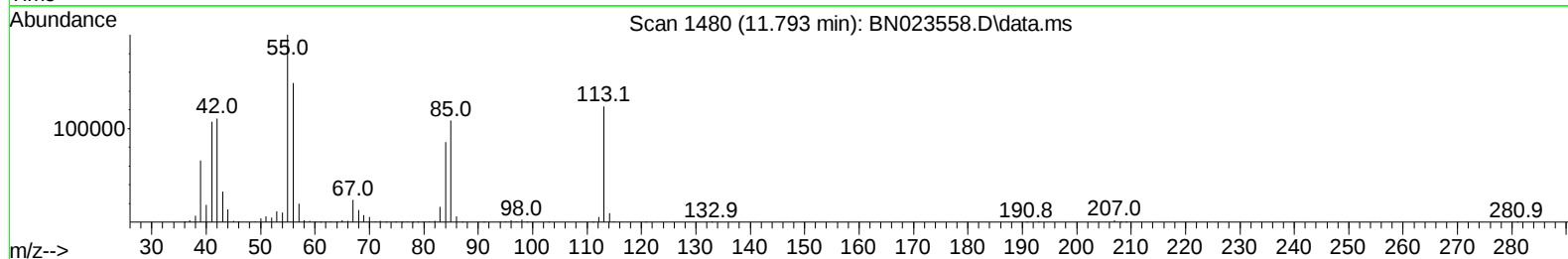
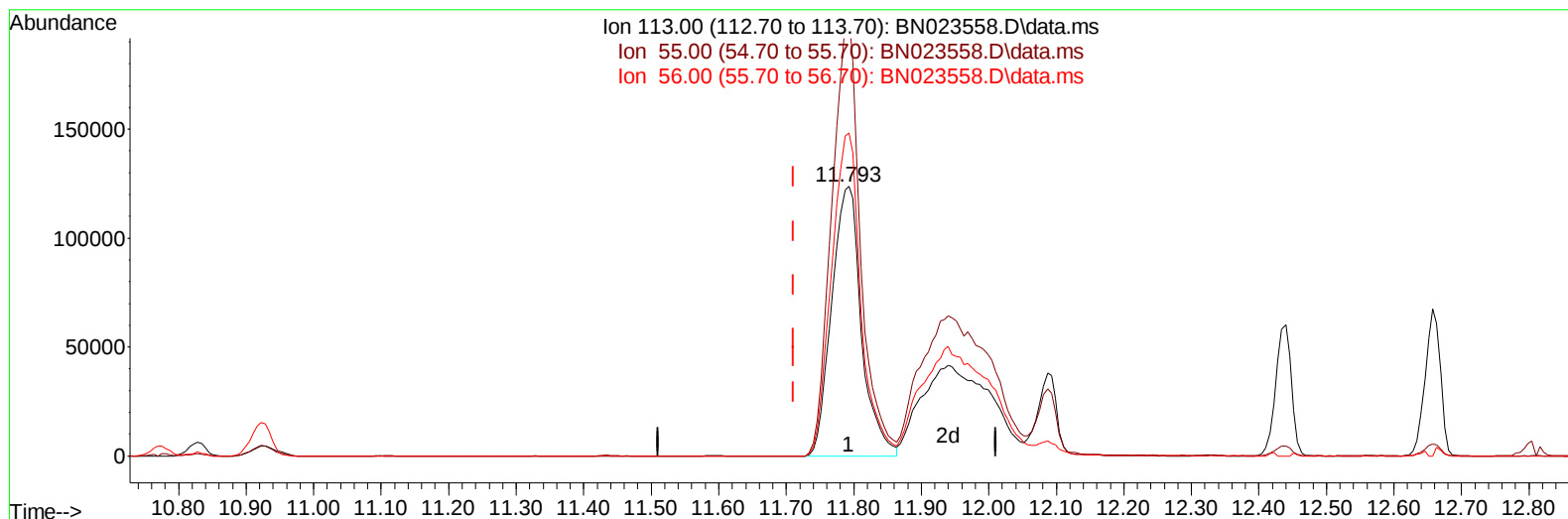
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN010523\  
Data File : BN023558.D  
Acq On : 04 Jan 2023 18:30  
Operator : CG/JU  
Sample : SSTD16058  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD160222

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/05/2023  
Supervised By :mohammad ahmed 01/06/2023

Quant Time: Jan 05 02:38:28 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN010523.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jan 05 02:34:34 2023  
Response via : Initial Calibration



TIC: BN023558.D\data.ms

## (34) Caprolactam

11.793min (+ 0.082) 88.18 ng/ul

response 377696

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 161.40 | 161.68 |
| 56.00  | 117.80 | 119.87 |
| 0.00   | 0.00   | 0.00   |

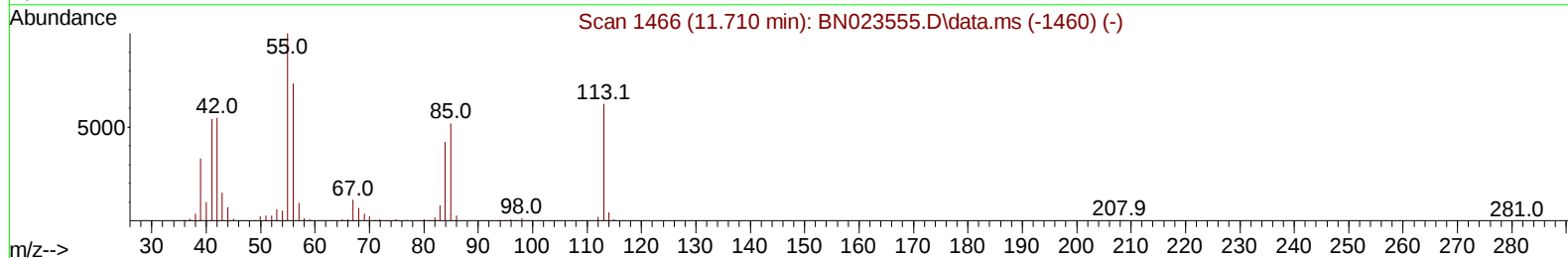
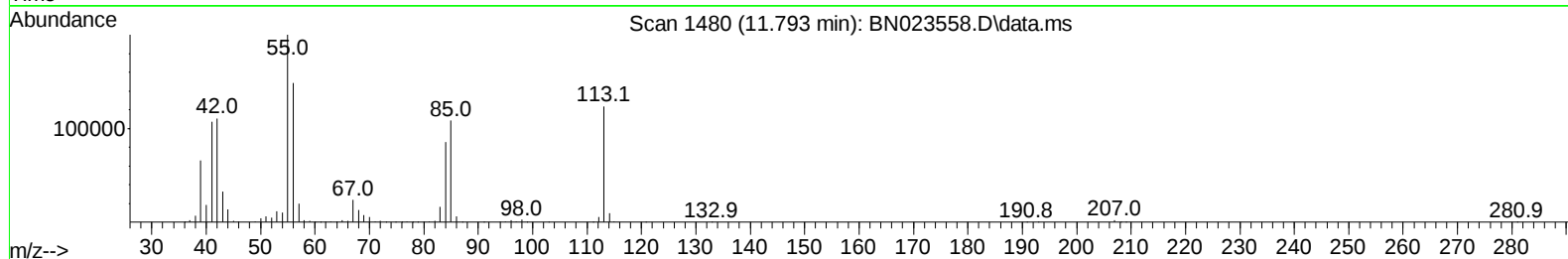
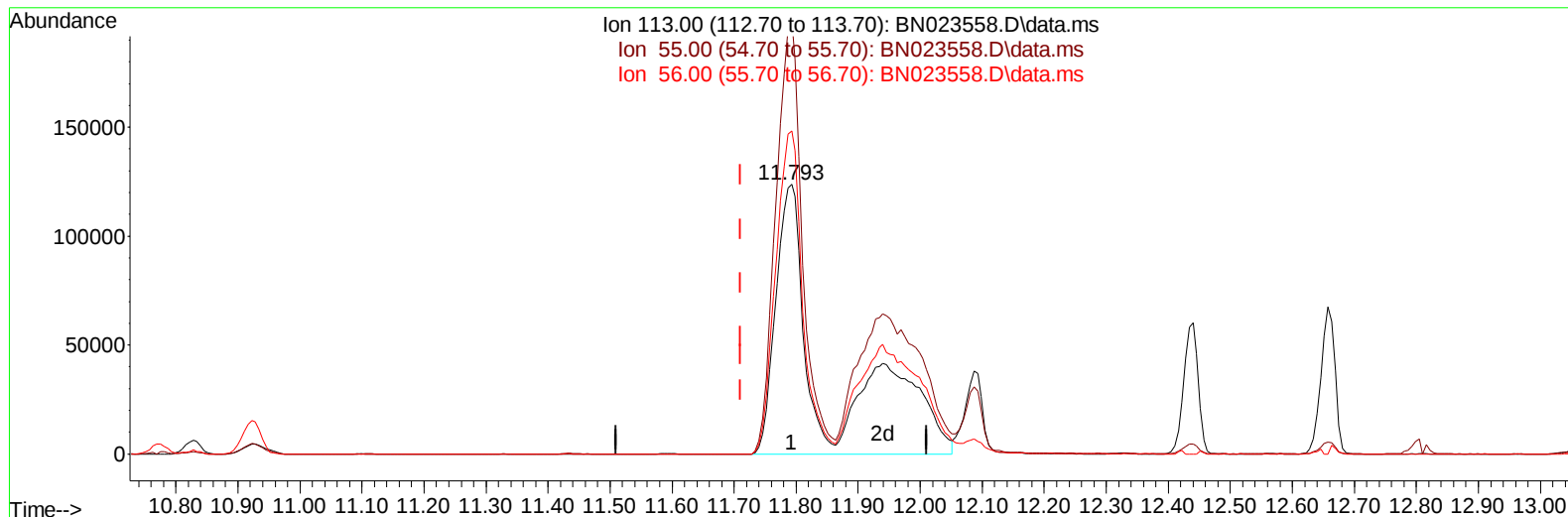
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN010523\  
Data File : BN023558.D  
Acq On : 04 Jan 2023 18:30  
Operator : CG/JU  
Sample : SSTD16058  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
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Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jan 05 02:34:34 2023  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 01/05/2023  
Supervised By :mohammad ahmed 01/06/2023



TIC: BN023558.D\data.ms

(34) Caprolactam

11.793min (+ 0.082) 157.14 ng/u1 m

response 673041

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 161.40 | 161.68 |
| 56.00  | 117.80 | 119.87 |
| 0.00   | 0.00   | 0.00   |

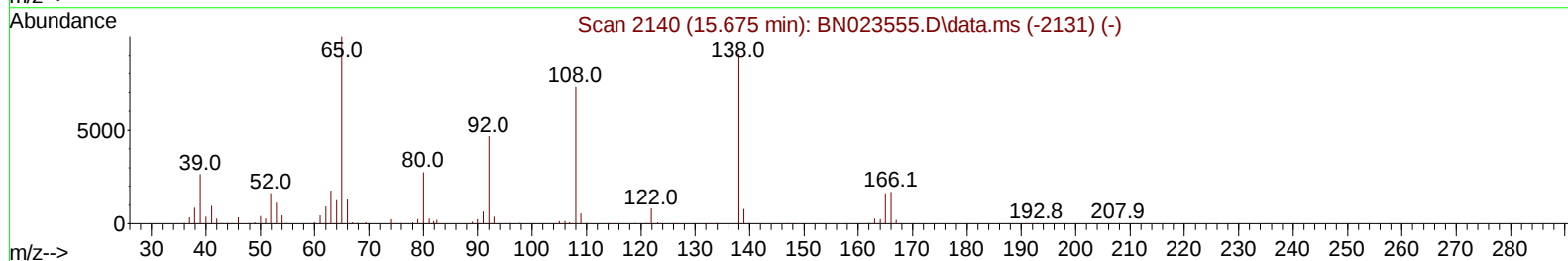
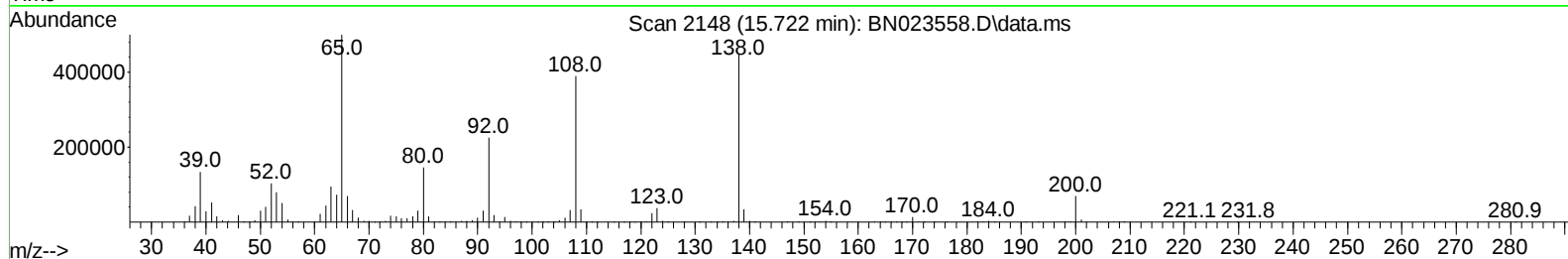
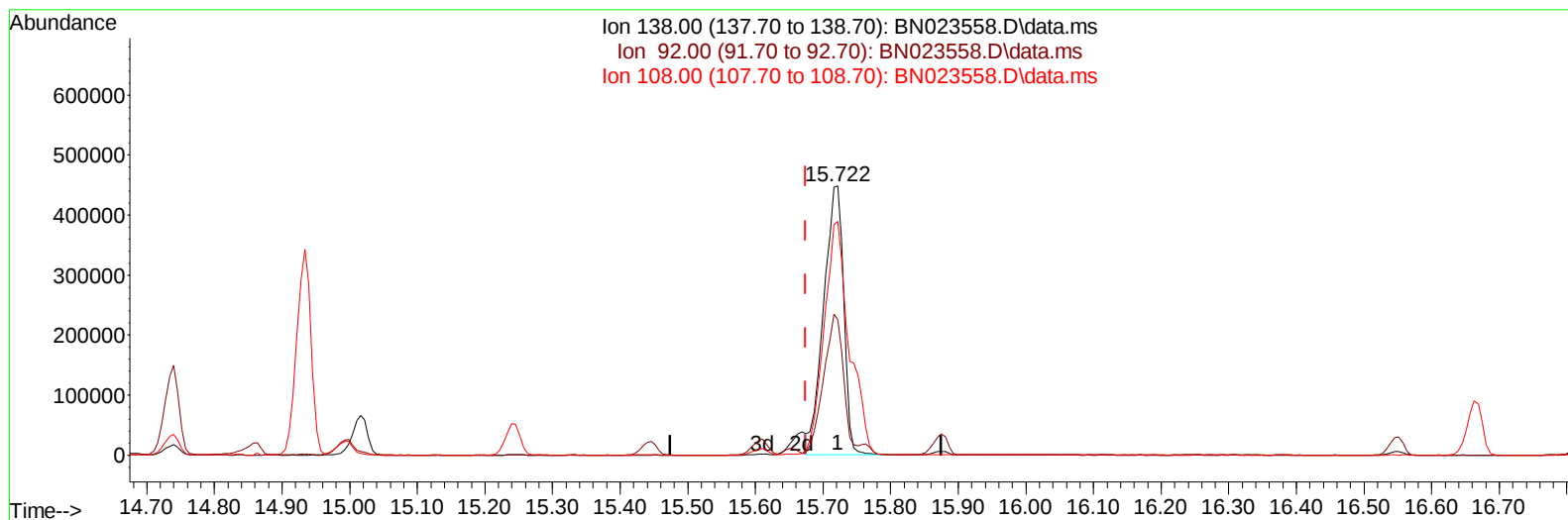
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN010523\  
 Data File : BN023558.D  
 Acq On : 04 Jan 2023 18:30  
 Operator : CG/JU  
 Sample : SSTD16058  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD160222

Manual IntegrationsAPPROVED

Quant Time: Jan 05 02:38:28 2023  
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 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 01/05/2023  
 Supervised By :mohammad ahmed 01/06/2023



TIC: BN023558.D\data.ms

**(63) 4-Nitroaniline**

**15.722min (+ 0.047) 143.55 ng/ul**

**response 923588**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 51.60  | 50.26  |
| 108.00 | 80.20  | 86.83  |
| 0.00   | 0.00   | 0.00   |

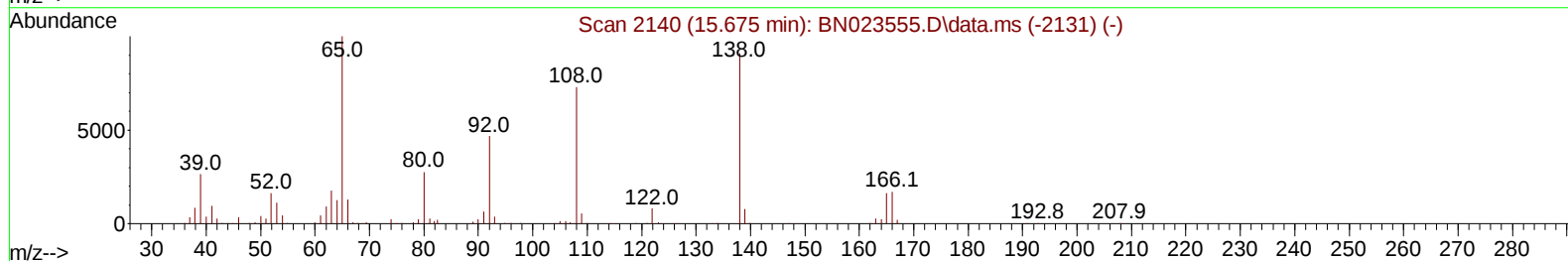
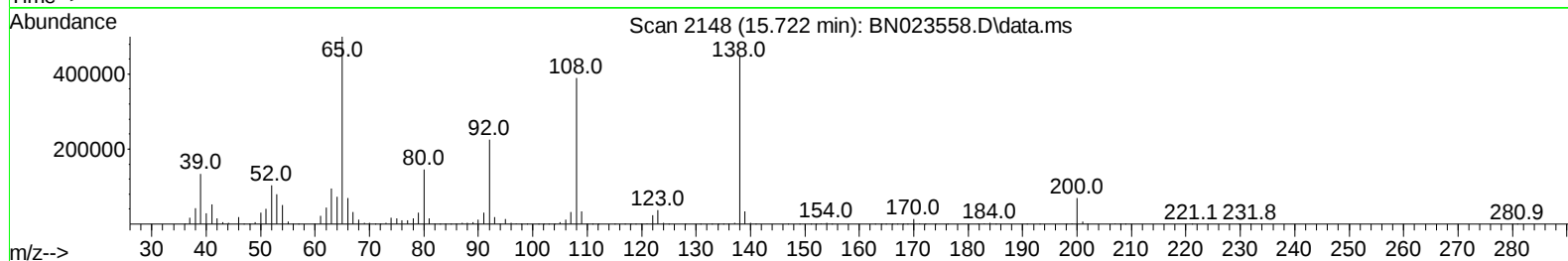
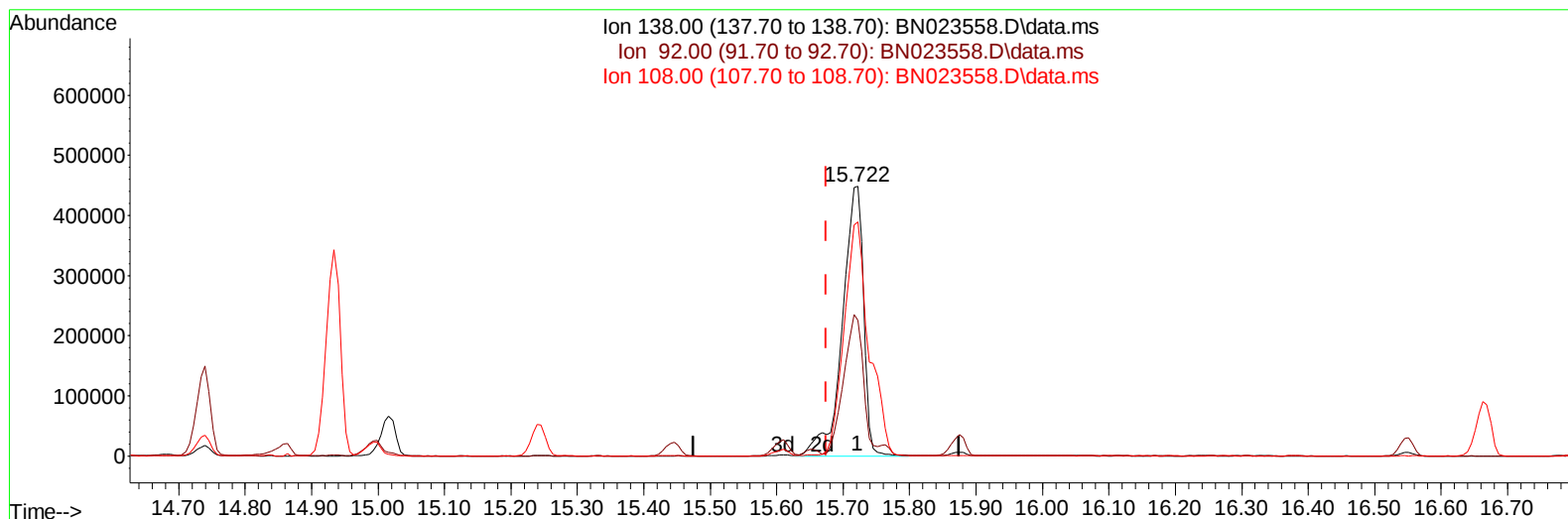
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN010523\  
 Data File : BN023558.D  
 Acq On : 04 Jan 2023 18:30  
 Operator : CG/JU  
 Sample : SSTD16058  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD160222

Manual IntegrationsAPPROVED

Quant Time: Jan 05 02:38:28 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN010523.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jan 05 02:34:34 2023  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 01/05/2023  
 Supervised By :mohammad ahmed 01/06/2023



TIC: BN023558.D\data.ms

**(63) 4-Nitroaniline**

**15.722min (+ 0.047) 153.75 ng/ul m**

**response 989231**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 51.60  | 50.26  |
| 108.00 | 80.20  | 86.83  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN010523\  
 Data File : BN023558.D  
 Acq On : 04 Jan 2023 18:30  
 Operator : CG/JU  
 Sample : SSTD16058  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD160222

Manual IntegrationsAPPROVED

Quant Time: Jan 05 02:38:28 2023  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jan 05 02:34:34 2023  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 01/05/2023  
 Supervised By :mohammad ahmed 01/06/2023

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.952  | 152  | 165814   | 20.000  | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.775 | 136  | 724632   | 20.000  | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.610 | 164  | 443186   | 20.000  | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.357 | 188  | 993441   | 20.000  | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.551 | 240  | 792977   | 20.000  | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.980 | 264  | 876000   | 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                | 3.728  | 84   | 1932735  | 163.368 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.128  | 99   | 2475522  | 160.522 | ng/ul  | 0.02     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.293  | 67   | 1406831  | 156.760 | ng/ul  | 0.02     |
| 11) 2-Chlorophenol-d4         | 0.000  | 132  | 0d       | 0.000   | ng/ul  |          |
| 15) 4-Methylphenol-d8         | 8.687  | 113  | 1945250  | 157.103 | 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        | 10.922 | 131  | 2703788  | 150.948 | 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          | 14.845 | 143  | 1139834  | 153.663 | ng/ul  | 0.04     |
| 60) Fluorene-d10              | 0.000  | 176  | 0d       | 0.000   | ng/ul  |          |
| 65) 4,6-Dinitro-2-methylph... | 15.745 | 200  | 1050357  | 179.610 | ng/ul  | 0.03     |
| 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                   | 3.746  | 79   | 1926332  | 159.353 | ng/ul  | 96       |
| 6) Benzaldehyde               | 7.087  | 77   | 807343   | 146.150 | ng/ul  | 96       |
| 8) Phenol                     | 7.158  | 94   | 2451230  | 157.355 | ng/ul  | 98       |
| 10) Bis(2-Chloroethyl)ether   | 7.387  | 93   | 1844914  | 152.484 | ng/ul  | 99       |
| 13) 2-Methylphenol            | 8.411  | 108  | 1857060  | 156.681 | ng/ul  | 99       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.499  | 45   | 2404383  | 156.905 | ng/ul  | 96       |
| 16) Acetophenone              | 8.799  | 105  | 2732967  | 145.880 | ng/ul  | 99       |
| 18) 4-Methylphenol            | 8.769  | 108  | 1986331  | 151.017 | ng/ul  | 97       |
| 32) 4-Chloroaniline           | 10.952 | 127  | 2622114  | 146.728 | ng/ul  | 98       |
| 34) Caprolactam               | 11.793 | 113  | 673041m  | 157.141 | ng/ul  |          |
| 40) Hexachlorocyclopentadiene | 12.781 | 237  | 1485185  | 196.973 | ng/ul  | 98       |
| 51) 3-Nitroaniline            | 14.540 | 138  | 1073863  | 162.541 | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol         | 14.740 | 184  | 832431   | 201.339 | ng/ul  | 96       |
| 55) 4-Nitrophenol             | 14.863 | 109  | 900346   | 164.111 | ng/ul  | 96       |
| 63) 4-Nitroaniline            | 15.722 | 138  | 989231m  | 153.752 | ng/ul  |          |
| 66) 4,6-Dinitro-2-methylph... | 15.763 | 198  | 1006012  | 176.208 | ng/ul# | 98       |
| 70) Atrazine                  | 16.840 | 200  | 1657184  | 164.939 | ng/ul  | 97       |
| 71) Pentachlorophenol         | 17.010 | 266  | 1257341  | 169.901 | ng/ul  | 97       |
| 77) Carbazole                 | 17.775 | 167  | 6977826  | 144.473 | ng/ul  | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.469 | 252  | 2608505  | 149.690 | ng/ul  | 97       |
| 89) Di-n-octyl phthalate      | 22.386 | 149  | 9710839  | 183.053 | ng/ul  | 100      |
| -----                         |        |      |          |         |        |          |

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 Sample : SSTD16058  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTD160222

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 Supervised By :mohammad ahmed 01/06/2023

Quant Time: Jan 05 02:38:28 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN010523.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jan 05 02:34:34 2023  
 Response via : Initial Calibration

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

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