

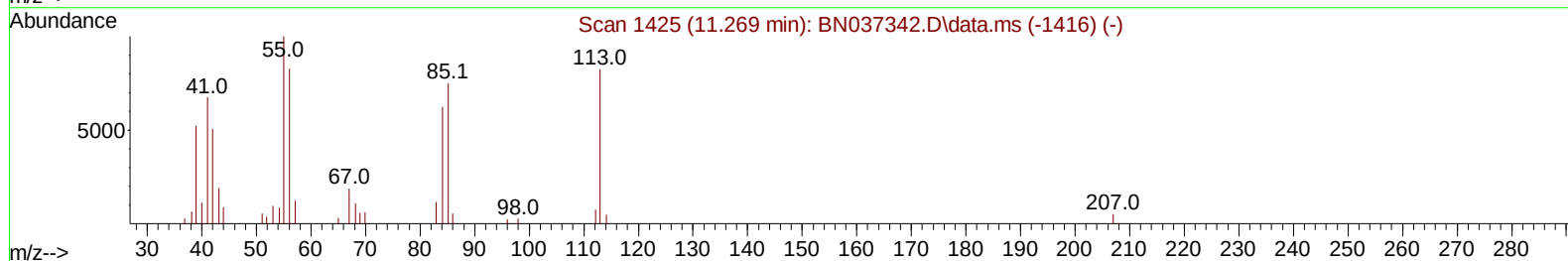
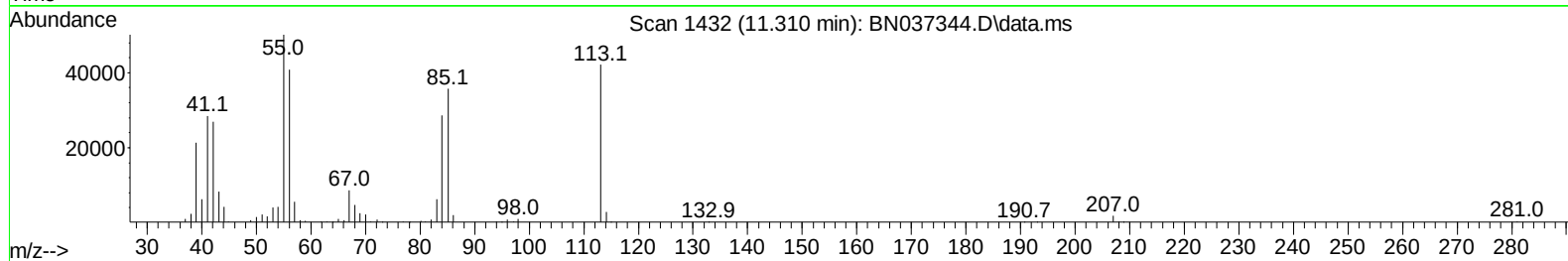
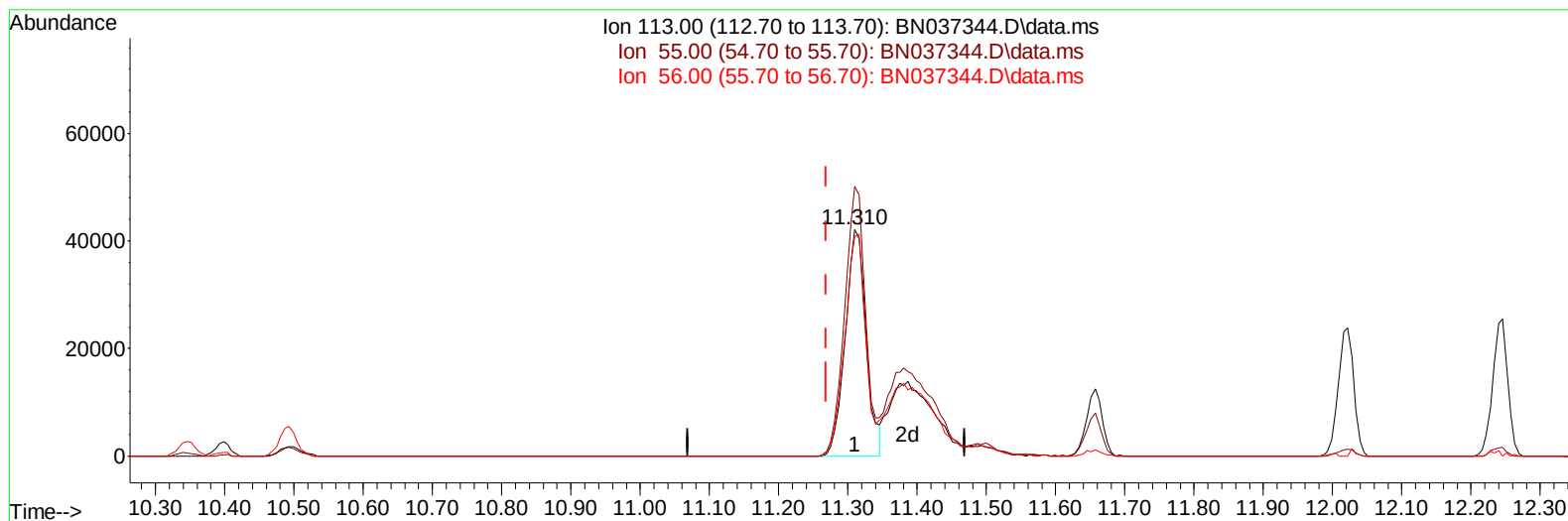
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062025\  
Data File : BN037344.D  
Acq On : 19 Jun 2025 13:37  
Operator : RC/JU  
Sample : SSTD08033  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD080228

Manual IntegrationsAPPROVED

Quant Time: Jun 19 14:52:00 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN062025.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 19 14:36:04 2025  
Response via : Initial Calibration

Reviewed By :Rahul Chavli 06/23/2025  
Supervised By :Jagrut Upadhyay 06/24/2025



TIC: BN037344.D\data.ms

(34) Caprolactam

11.310min (+ 0.041) 38.44 ng/ul

response 87548

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 121.20 | 118.94 |
| 56.00  | 100.40 | 96.89  |
| 0.00   | 0.00   | 0.00   |

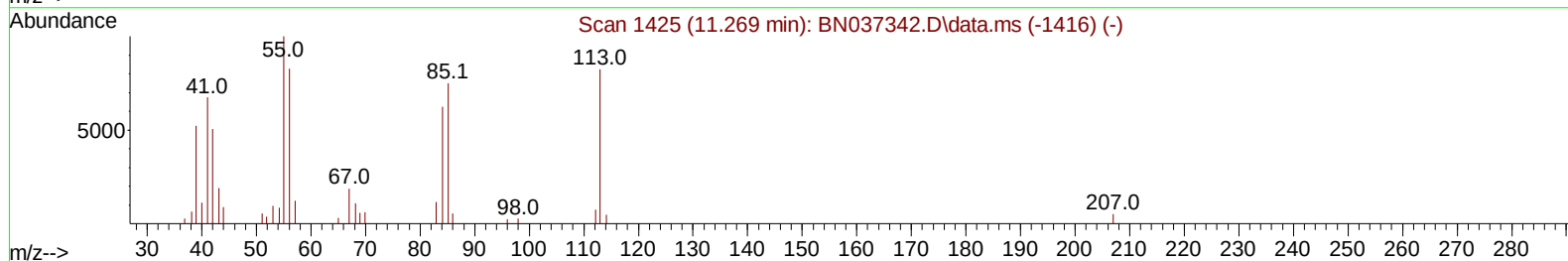
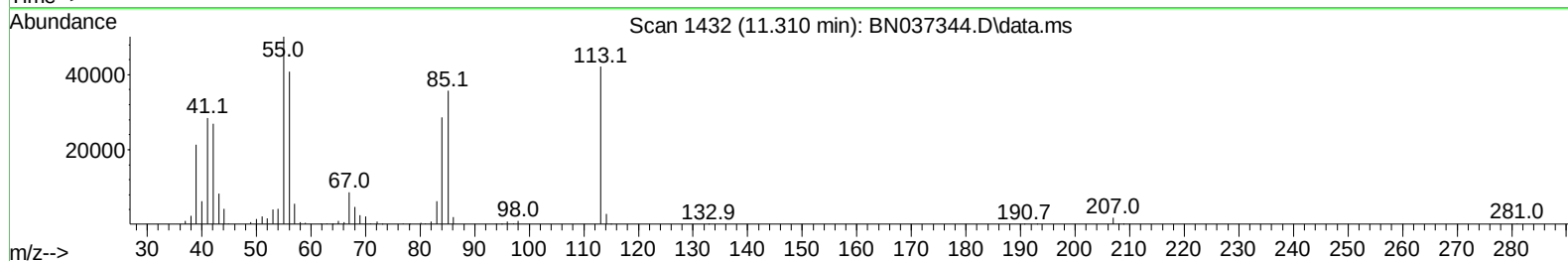
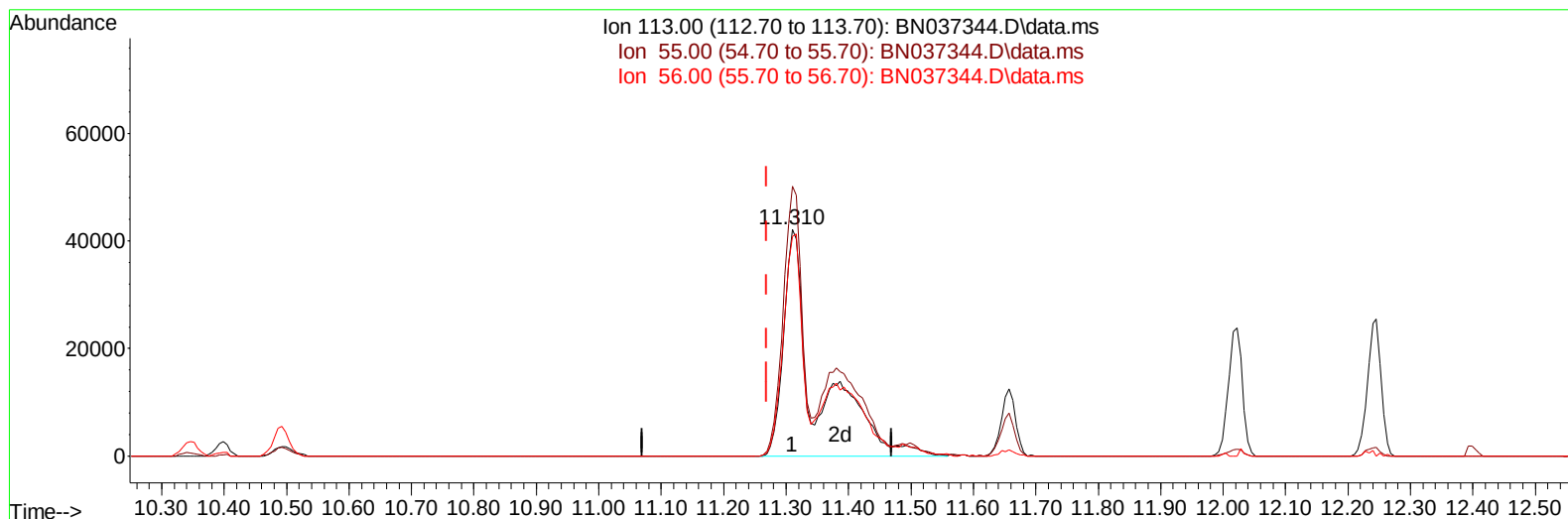
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062025\  
Data File : BN037344.D  
Acq On : 19 Jun 2025 13:37  
Operator : RC/JU  
Sample : SSTD08033  
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ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD080228

Manual IntegrationsAPPROVED

Quant Time: Jun 19 14:52:00 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN062025.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 19 14:36:04 2025  
Response via : Initial Calibration

Reviewed By :Rahul Chavli 06/23/2025  
Supervised By :Jagrut Upadhyay 06/24/2025



TIC: BN037344.D\data.ms

(34) Caprolactam

11.310min (+ 0.041) 67.80 ng/ul m

response 154426

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 121.20 | 118.94 |
| 56.00  | 100.40 | 96.89  |
| 0.00   | 0.00   | 0.00   |

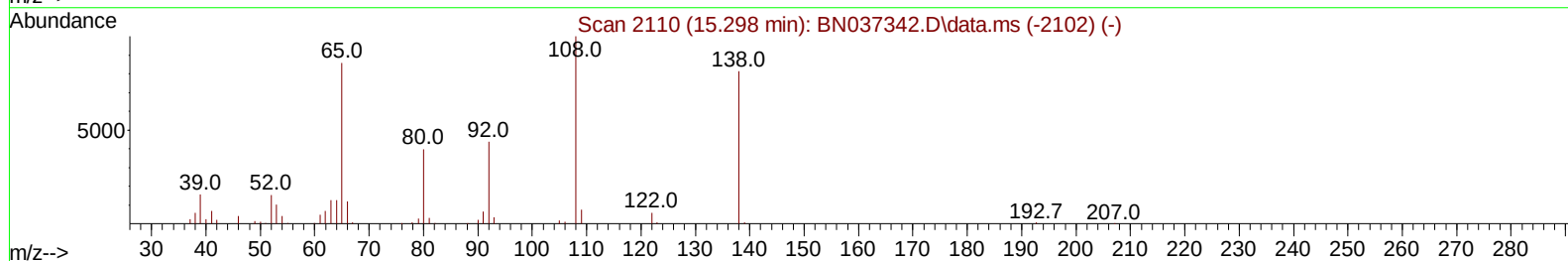
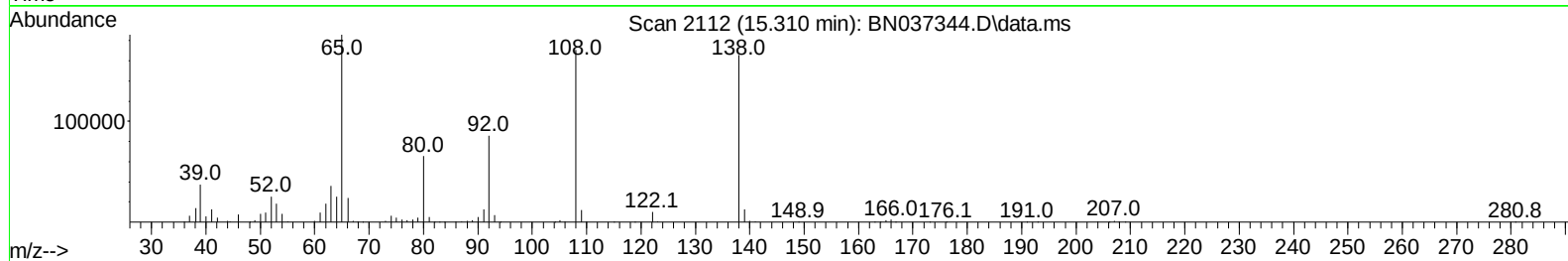
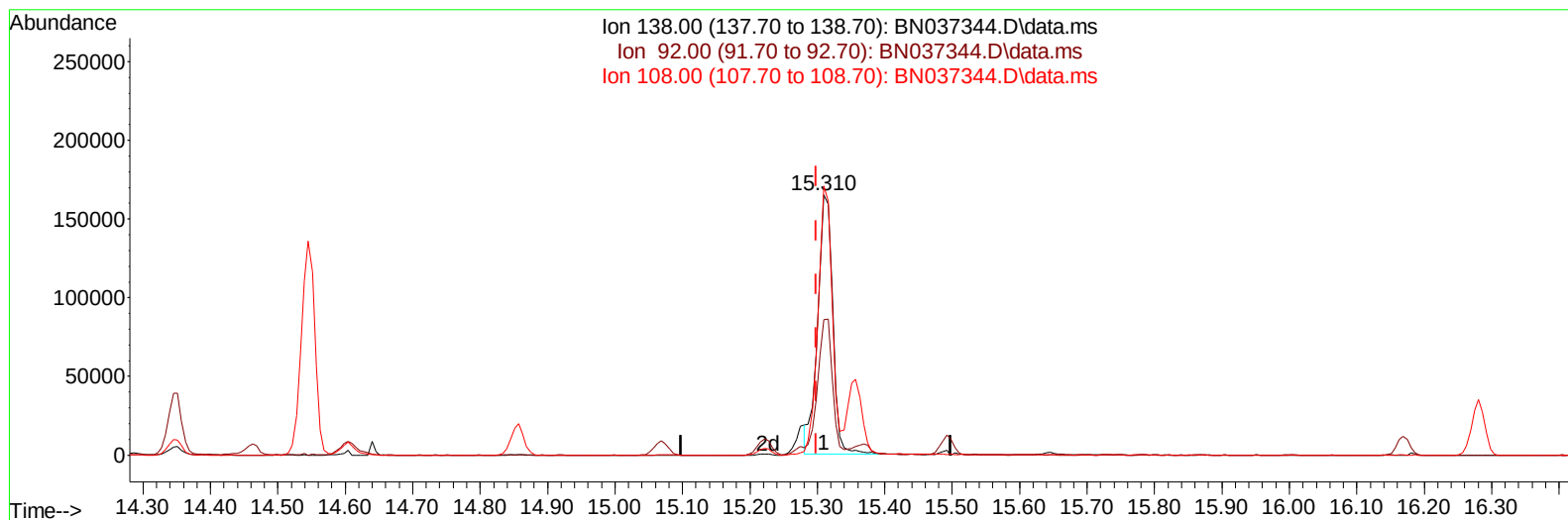
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062025\  
Data File : BN037344.D  
Acq On : 19 Jun 2025 13:37  
Operator : RC/JU  
Sample : SSTD08033  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD080228

Manual IntegrationsAPPROVED

Quant Time: Jun 19 14:52:00 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN062025.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 19 14:36:04 2025  
Response via : Initial Calibration

Reviewed By :Rahul Chavli 06/23/2025  
Supervised By :Jagrut Upadhyay 06/24/2025



TIC: BN037344.D\data.ms

**(63) 4-Nitroaniline**

**15.310min (+ 0.012) 58.78 ng/ul**

**response 257030**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 53.80  | 52.03  |
| 108.00 | 122.80 | 103.37 |
| 0.00   | 0.00   | 0.00   |

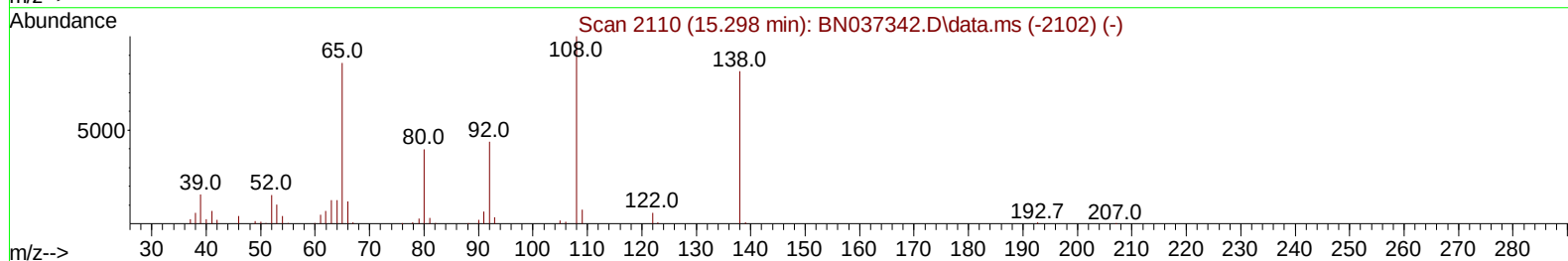
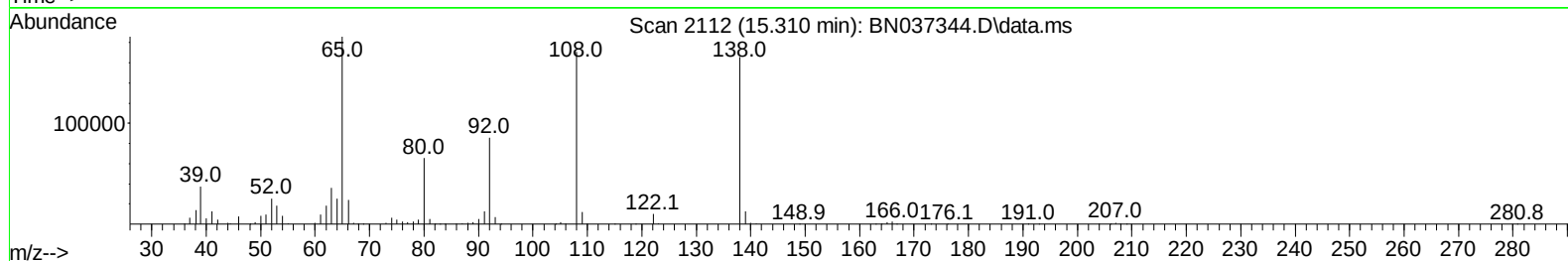
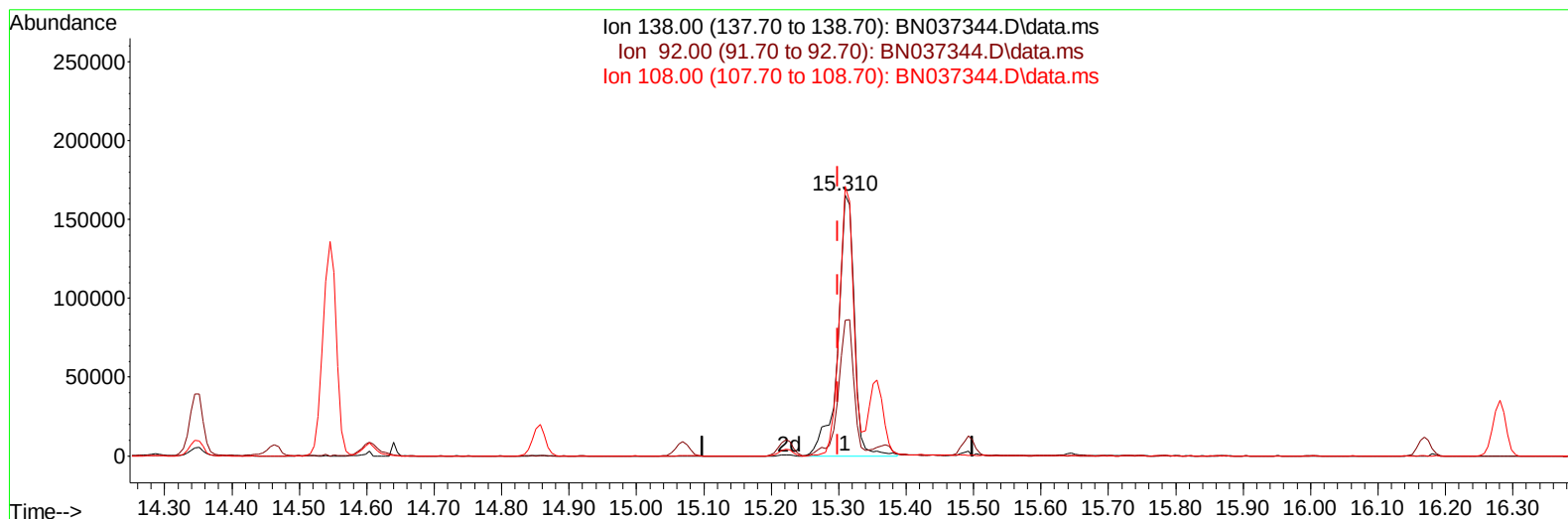
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062025\  
Data File : BN037344.D  
Acq On : 19 Jun 2025 13:37  
Operator : RC/JU  
Sample : SSTD08033  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SSTD080228

Manual IntegrationsAPPROVED

Quant Time: Jun 19 14:52:00 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN062025.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 19 14:36:04 2025  
Response via : Initial Calibration

Reviewed By :Rahul Chavli 06/23/2025  
Supervised By :Jagrut Upadhyay 06/24/2025



TIC: BN037344.D\data.ms

**(63) 4-Nitroaniline**

**15.310min (+ 0.012) 63.90 ng/ul m**

**response 279433**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 138.00 | 100.00 | 100.00 |
| 92.00  | 53.80  | 52.03  |
| 108.00 | 122.80 | 103.37 |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062025\  
 Data File : BN037344.D  
 Acq On : 19 Jun 2025 13:37  
 Operator : RC/JU  
 Sample : SST008033  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SST0080228

Manual IntegrationsAPPROVED

Quant Time: Jun 19 14:53:34 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN062025.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 19 14:36:04 2025  
 Response via : Initial Calibration

Reviewed By :Rahul Chavli 06/23/2025  
 Supervised By :Jagrut Upadhyay 06/24/2025

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.563  | 152  | 142439   | 20.000  | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.345 | 136  | 462149   | 20.000  | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.222 | 164  | 338318   | 20.000  | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 16.975 | 188  | 683682   | 20.000  | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.210 | 240  | 723105   | 20.000  | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.057 | 264  | 713616   | 20.000  | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.064  | 96   | 87213    | 25.846  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.469  | 84   | 583835   | 57.576  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.752  | 99   | 685016   | 58.437  | ng/ul  | 0.01     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.910  | 67   | 422560   | 50.721  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.104  | 132  | 601496   | 68.722  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.293  | 113  | 551200   | 57.955  | ng/ul  | 0.02     |
| 21) Nitrobenzene-d5           | 8.722  | 128  | 291318   | 82.579  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.440  | 143  | 364403   | 94.338  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 9.975  | 165  | 748449   | 101.953 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.493 | 131  | 726964   | 72.086  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.645 | 166  | 2013045  | 82.777  | ng/ul  | 0.01     |
| 49) Acenaphthylene-d8         | 13.916 | 160  | 2296919  | 83.309  | ng/ul  | 0.01     |
| 54) 4-Nitrophenol-d4          | 14.451 | 143  | 316458   | 68.960  | ng/ul  | 0.02     |
| 60) Fluorene-d10              | 15.222 | 176  | 1840799  | 88.009  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.357 | 200  | 433500   | 96.947  | ng/ul  | 0.01     |
| 73) Anthracene-d10            | 17.075 | 188  | 2773801  | 83.354  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.374 | 212  | 3371233  | 86.414  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.874 | 264  | 3348907  | 92.998  | ng/ul  | 0.02     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 2) 1,4-Dioxane                | 3.099  | 88   | 95222    | 25.374  | ng/uL  | 94       |
| 5) Pyridine                   | 3.487  | 79   | 602415   | 56.959  | ng/ul  | 96       |
| 6) Benzaldehyde               | 6.716  | 77   | 328892   | 55.403  | ng/ul  | 95       |
| 8) Phenol                     | 6.781  | 94   | 694606   | 56.071  | ng/ul  | 90       |
| 10) Bis(2-Chloroethyl)ether   | 7.004  | 93   | 568814   | 58.235  | ng/ul  | 97       |
| 12) 2-Chlorophenol            | 7.134  | 128  | 603261   | 65.355  | ng/ul  | 97       |
| 13) 2-Methylphenol            | 8.016  | 108  | 527627   | 59.034  | ng/ul  | 100      |
| 14) 2,2'-oxybis(1-Chloropr... | 8.099  | 45   | 476152   | 26.287  | ng/ul  | 99       |
| 16) Acetophenone              | 8.393  | 105  | 883178   | 56.583  | ng/ul  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.399  | 70   | 437280   | 50.019  | ng/ul  | 95       |
| 18) 4-Methylphenol            | 8.357  | 108  | 557032   | 55.902  | ng/ul  | 94       |
| 19) Hexachloroethane          | 8.634  | 117  | 297793   | 66.563  | ng/ul  | 88       |
| 22) Nitrobenzene              | 8.769  | 77   | 722950   | 67.180  | ng/ul  | 94       |
| 23) Isophorone                | 9.298  | 82   | 1183156  | 66.247  | ng/ul  | 98       |
| 25) 2-Nitrophenol             | 9.475  | 139  | 358615   | 85.993  | ng/ul  | 89       |
| 26) 2,4-Dimethylphenol        | 9.540  | 107  | 666786   | 75.307  | ng/ul  | 98       |
| 27) Bis(2-Chloroethoxy)met... | 9.781  | 93   | 728629   | 69.222  | ng/ul  | 97       |
| 29) 2,4-Dichlorophenol        | 10.004 | 162  | 707719   | 95.883  | ng/ul  | 100      |
| 30) Naphthalene               | 10.398 | 128  | 1846360  | 75.693  | ng/ul  | 98       |
| 32) 4-Chloroaniline           | 10.516 | 127  | 718166   | 73.891  | ng/ul  | 96       |
| 33) Hexachlorobutadiene       | 10.681 | 225  | 693397   | 125.001 | ng/ul  | 98       |
| 34) Caprolactam               | 11.310 | 113  | 154426m  | 67.803  | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 11.657 | 107  | 575674   | 69.731  | ng/ul  | 96       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062025\  
 Data File : BN037344.D  
 Acq On : 19 Jun 2025 13:37  
 Operator : RC/JU  
 Sample : SST008033  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SST0080228

Manual IntegrationsAPPROVED

Quant Time: Jun 19 14:53:34 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN062025.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 19 14:36:04 2025  
 Response via : Initial Calibration

Reviewed By :Rahul Chavli 06/23/2025  
 Supervised By :Jagrut Upadhyay 06/24/2025

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.022 | 142  | 1415259  | 82.550  | ng/ul  | 99       |
| 37) 1-Methylnaphthalene       | 12.245 | 142  | 1372543  | 80.375  | ng/ul  | 100      |
| 39) 1,2,4,5-Tetrachloroben... | 12.398 | 216  | 1120156  | 107.957 | ng/ul  | 94       |
| 40) Hexachlorocyclopentadiene | 12.375 | 237  | 870405   | 133.812 | ng/ul  | 94       |
| 41) 2,4,6-Trichlorophenol     | 12.645 | 196  | 674102   | 104.216 | ng/ul  | 98       |
| 42) 2,4,5-Trichlorophenol     | 12.716 | 196  | 728852   | 102.525 | ng/ul  | 99       |
| 43) 1,1'-Biphenyl             | 13.051 | 154  | 1974173  | 81.036  | ng/ul  | 100      |
| 44) 2-Chloronaphthalene       | 13.092 | 162  | 1636701  | 85.143  | ng/ul  | 96       |
| 45) 2-Nitroaniline            | 13.304 | 65   | 373830   | 51.432  | ng/ul  | 92       |
| 47) Dimethylphthalate         | 13.692 | 163  | 1917853  | 79.092  | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 13.816 | 165  | 425039   | 89.857  | ng/ul  | 91       |
| 50) Acenaphthylene            | 13.945 | 152  | 2456376  | 85.026  | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.139 | 138  | 310016   | 66.252  | ng/ul  | 93       |
| 52) Acenaphthene              | 14.292 | 153  | 1613771  | 76.273  | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.351 | 184  | 295458   | 92.473  | ng/ul  | 92       |
| 55) 4-Nitrophenol             | 14.463 | 109  | 282412   | 56.279  | ng/ul# | 83       |
| 56) Dibenzofuran              | 14.628 | 168  | 2429482  | 82.040  | ng/ul  | 98       |
| 57) 2,4-Dinitrotoluene        | 14.604 | 165  | 594601   | 83.243  | ng/ul  | 89       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.857 | 232  | 629579   | 105.121 | ng/ul# | 91       |
| 59) Diethylphthalate          | 15.069 | 149  | 1823045  | 72.139  | ng/ul  | 98       |
| 61) Fluorene                  | 15.281 | 166  | 1972737  | 81.143  | ng/ul  | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.275 | 204  | 1210436  | 99.781  | ng/ul  | 93       |
| 63) 4-Nitroaniline            | 15.310 | 138  | 279433m  | 63.902  | ng/ul  |          |
| 66) 4,6-Dinitro-2-methylph... | 15.375 | 198  | 434571   | 90.611  | ng/ul# | 90       |
| 67) N-Nitrosodiphenylamine    | 15.492 | 169  | 1636407  | 81.198  | ng/ul  | 94       |
| 68) 4-Bromophenyl-phenylether | 16.169 | 248  | 708407   | 104.109 | ng/ul  | 92       |
| 69) Hexachlorobenzene         | 16.280 | 284  | 794930   | 105.814 | ng/ul  | 95       |
| 70) Atrazine                  | 16.457 | 200  | 714913   | 91.608  | ng/ul  | 98       |
| 71) Pentachlorophenol         | 16.628 | 266  | 534977   | 101.853 | ng/ul  | 95       |
| 72) Phenanthrene              | 17.016 | 178  | 3119959  | 82.047  | ng/ul  | 98       |
| 74) Anthracene                | 17.110 | 178  | 3145663  | 81.069  | ng/ul  | 97       |
| 75) 1,2,3,4-Tetrachloroben... | 13.010 | 216  | 1141091  | 111.337 | ng/uL  | 97       |
| 76) Pentachlorobenzene        | 14.545 | 250  | 1030315  | 110.882 | ng/uL  | 95       |
| 77) Carbazole                 | 17.380 | 167  | 2507853  | 72.743  | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 17.957 | 149  | 2893230  | 67.391  | ng/ul  | 98       |
| 80) Fluoranthene              | 19.039 | 202  | 3806850  | 82.424  | ng/ul  | 99       |
| 82) Pyrene                    | 19.404 | 202  | 3932933  | 79.286  | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.321 | 149  | 1307393  | 65.749  | ng/ul  | 95       |
| 84) 3,3'-Dichlorobenzidine    | 21.121 | 252  | 1231055  | 92.162  | ng/ul  | 95       |
| 85) Benzo(a)anthracene        | 21.192 | 228  | 3980541  | 82.516  | ng/ul  | 96       |
| 86) Bis(2-ethylhexyl)phtha... | 21.133 | 149  | 1968456  | 65.935  | ng/ul  | 100      |
| 87) Chrysene                  | 21.251 | 228  | 3769569  | 82.630  | ng/ul  | 97       |
| 89) Di-n-octyl phthalate      | 22.215 | 149  | 3194929  | 58.027  | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.168 | 252  | 3990189  | 89.917  | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.227 | 252  | 3947658  | 88.430  | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 23.939 | 252  | 3694120  | 91.190  | ng/ul  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 27.268 | 276  | 4780341  | 104.311 | ng/ul  | 98       |
| 95) Dibenzo(a,h)anthracene    | 27.327 | 278  | 3914273  | 105.369 | ng/ul  | 99       |
| 96) Benzo(g,h,i)perylene      | 28.274 | 276  | 3799366  | 106.565 | ng/ul  | 98       |

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

**Instrument :**

BNA\_N

**ClientSampleId :**

SSTD080228

**Manual IntegrationsAPPROVED**

Reviewed By :Rahul Chavli 06/23/2025

Supervised By :Jagrut Upadhyay 06/24/2025

