

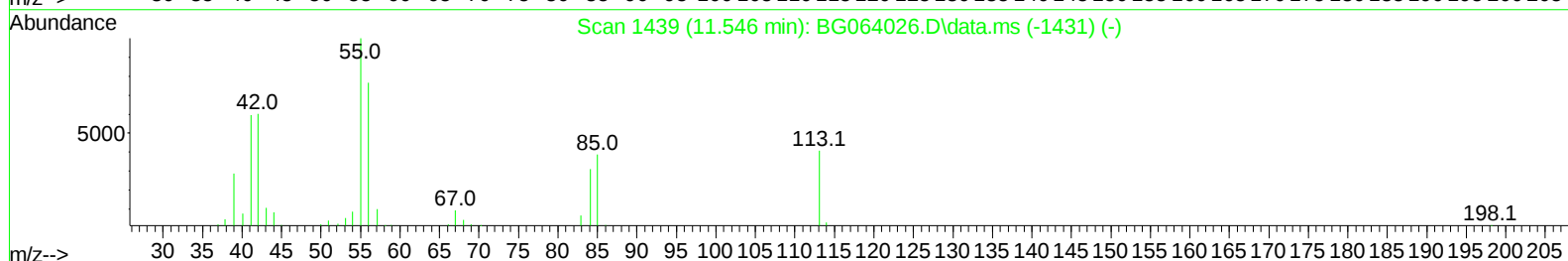
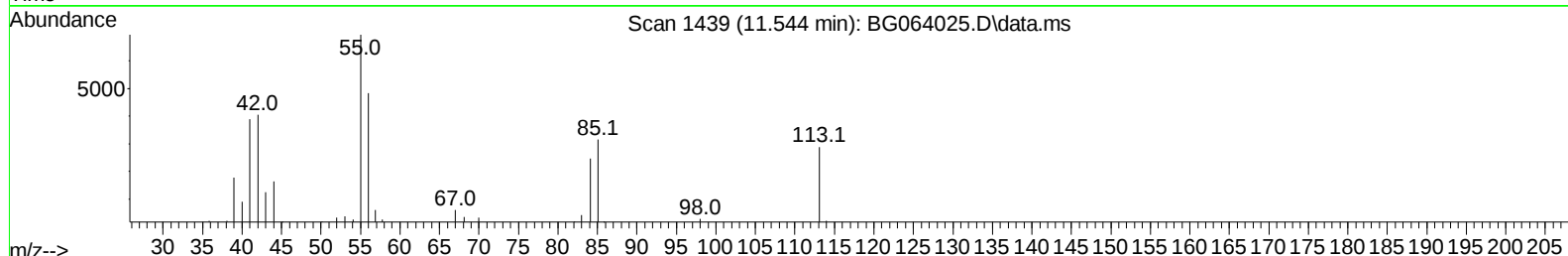
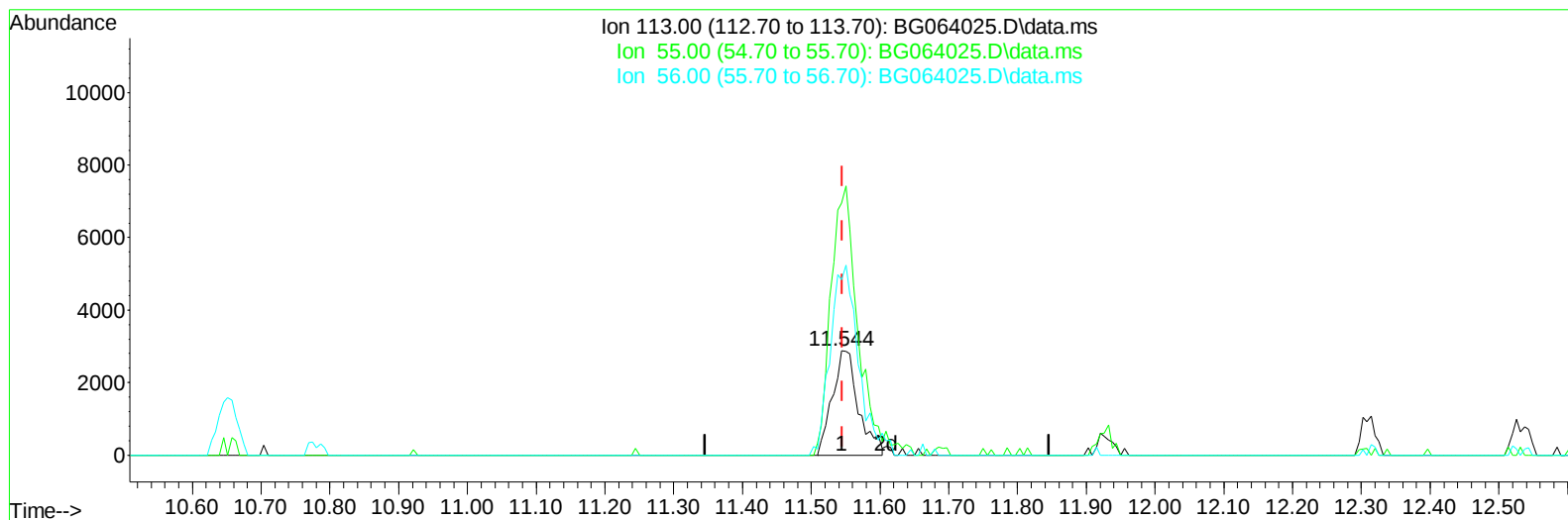
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG021425\  
Data File : BG064025.D  
Acq On : 14 Feb 2025 9:29  
Operator : RC/JU  
Sample : SSTD01002  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD010448

## Manual IntegrationsAPPROVED

Quant Time: Feb 18 14:44:26 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG021425.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 14 12:34:43 2025  
Response via : Initial Calibration

Reviewed By :Rahul Chavli 02/18/2025  
Supervised By :Jagrut Upadhyay 02/19/2025



TIC: BG064025.D\data.ms

## (34) Caprolactam

11.544min (-0.001) 7.36 ng/u1

response 7615

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 246.00 | 240.89 |
| 56.00  | 188.30 | 167.67 |
| 0.00   | 0.00   | 0.00   |

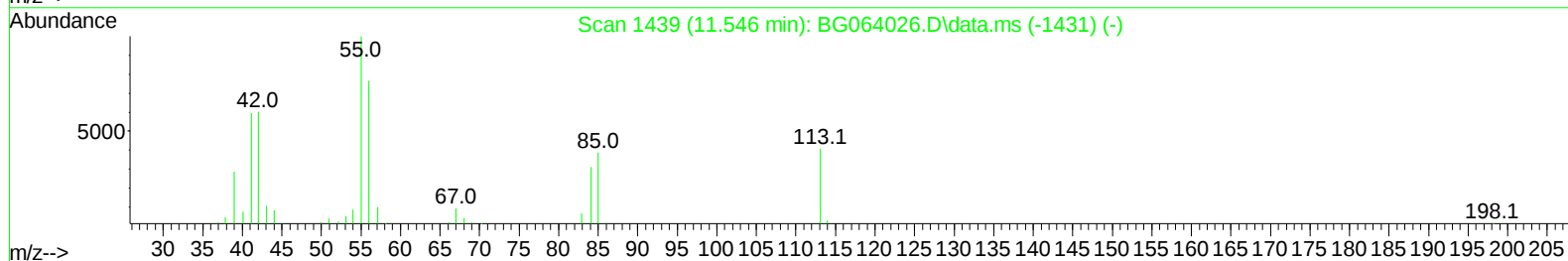
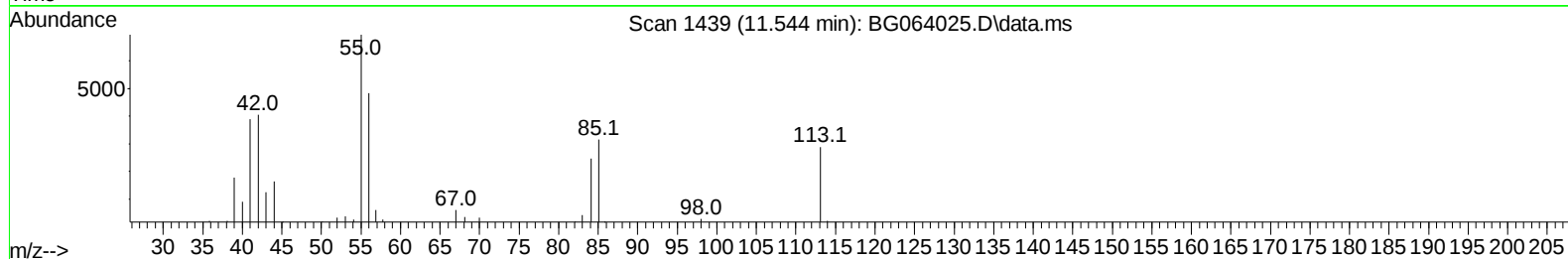
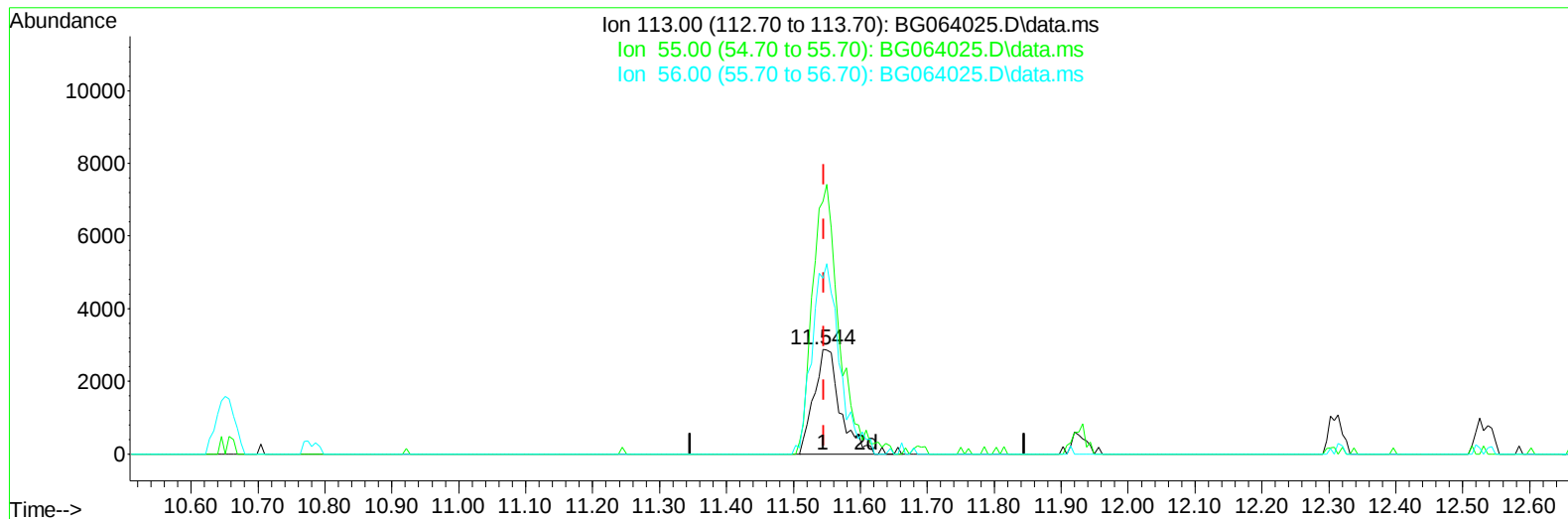
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG021425\  
Data File : BG064025.D  
Acq On : 14 Feb 2025 9:29  
Operator : RC/JU  
Sample : SSTD01002  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD010448

Manual IntegrationsAPPROVED

Quant Time: Feb 18 14:44:26 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG021425.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 14 12:34:43 2025  
Response via : Initial Calibration

Reviewed By :Rahul Chavli 02/18/2025  
Supervised By :Jagrut Upadhyay 02/19/2025



TIC: BG064025.D\data.ms

(34) Caprolactam

11.544min (-0.001) 7.64 ng/ul m

response 7907

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100.00 | 100.00 |
| 55.00  | 246.00 | 240.89 |
| 56.00  | 188.30 | 167.67 |
| 0.00   | 0.00   | 0.00   |

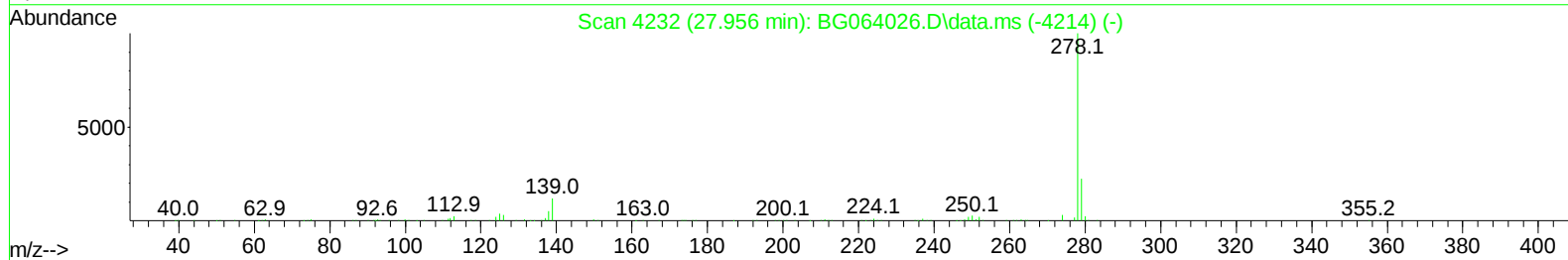
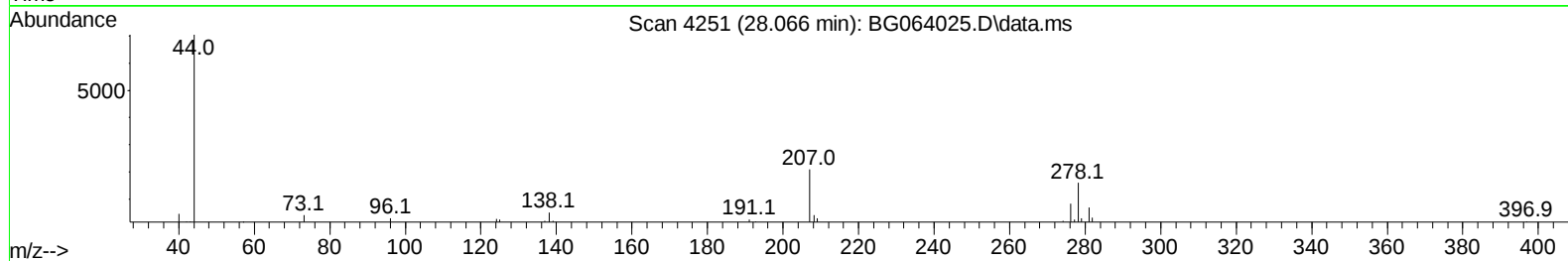
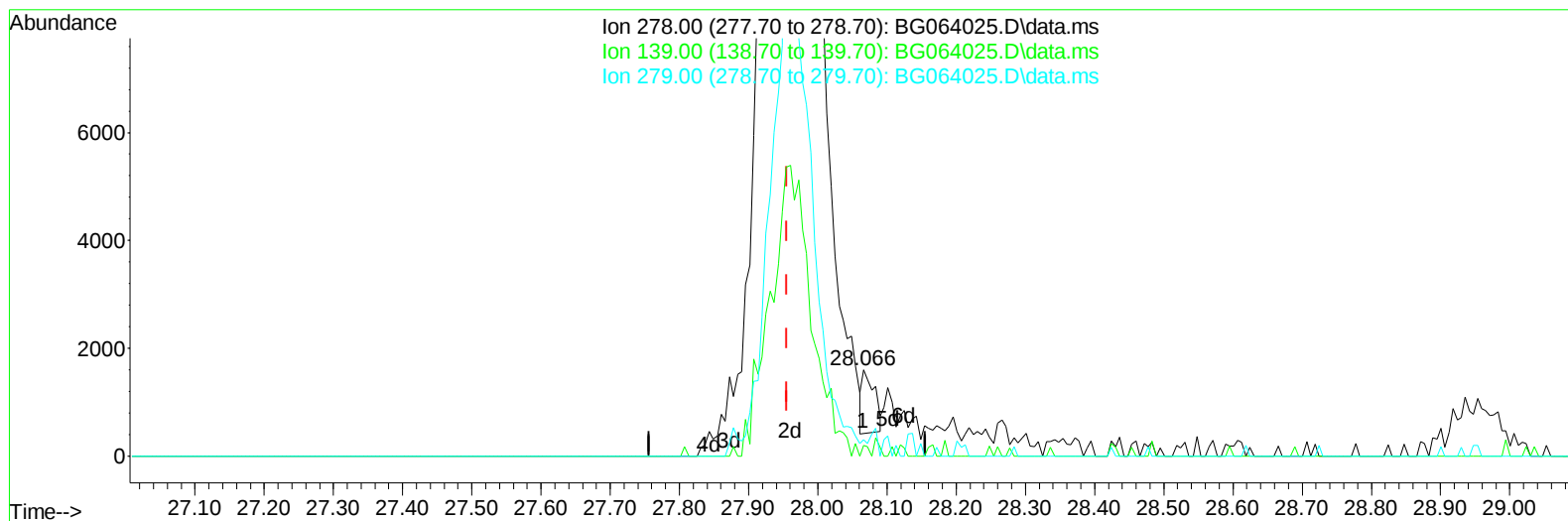
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG021425\  
Data File : BG064025.D  
Acq On : 14 Feb 2025 9:29  
Operator : RC/JU  
Sample : SSTD01002  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD010448

Manual IntegrationsAPPROVED

Quant Time: Feb 18 14:44:26 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG021425.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 14 12:34:43 2025  
Response via : Initial Calibration

Reviewed By :Rahul Chavli 02/18/2025  
Supervised By :Jagrut Upadhyay 02/19/2025



TIC: BG064025.D\data.ms

**(95) Dibenzo(a,h)anthracene**

**28.066min (+ 0.110) 0.09 ng/u1**

**response 1451**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 11.90  | 12.18  |
| 279.00 | 22.10  | 18.99  |
| 0.00   | 0.00   | 0.00   |

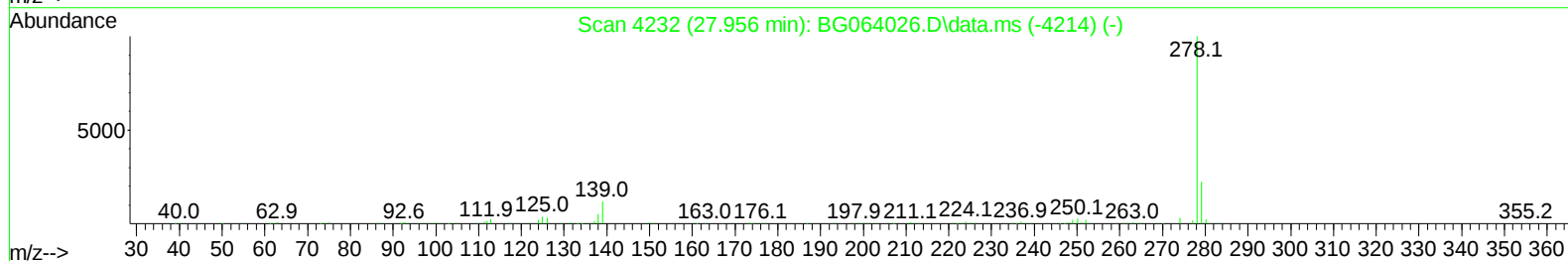
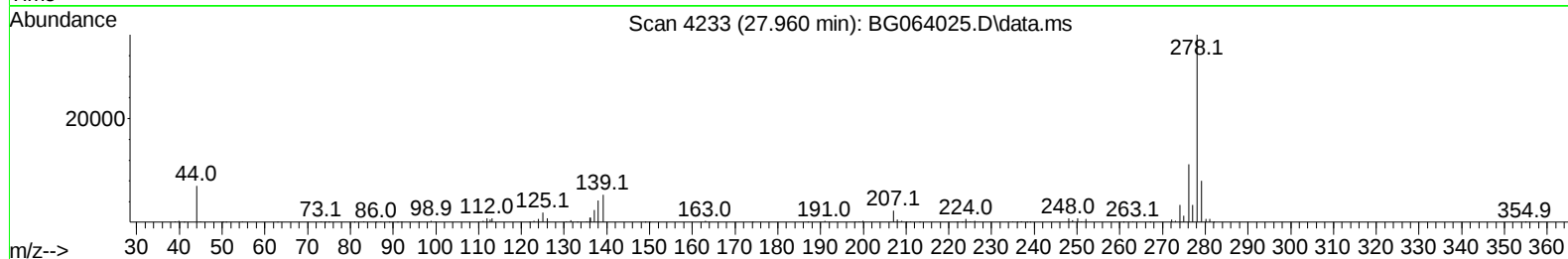
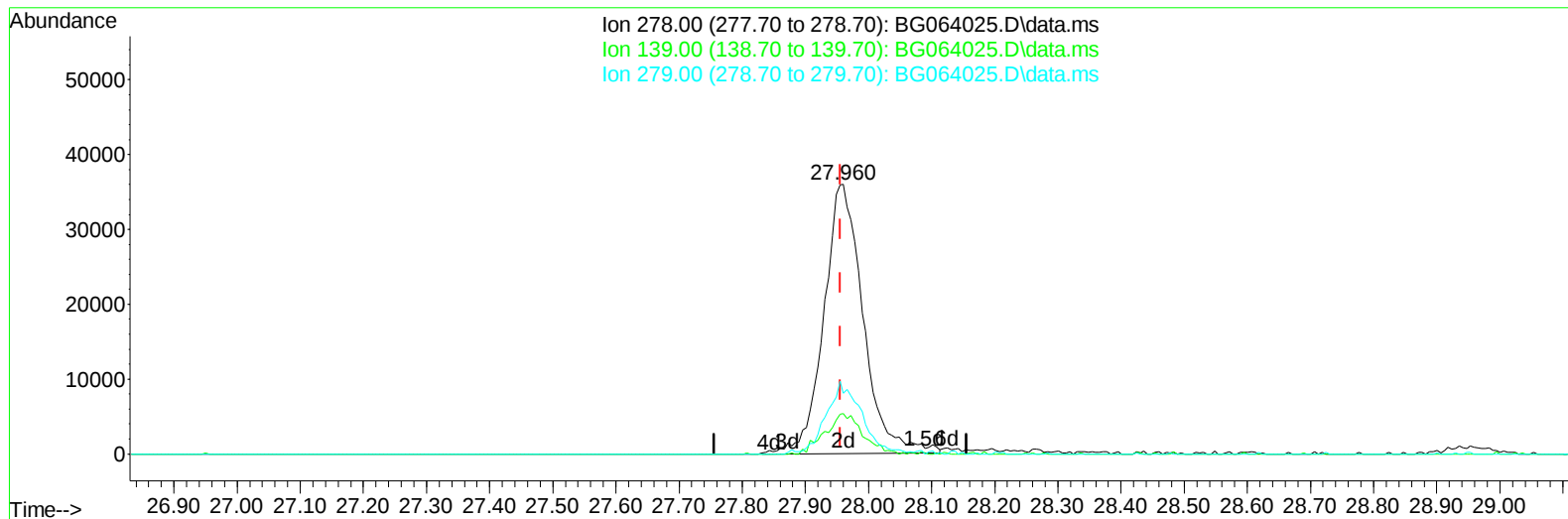
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG021425\  
Data File : BG064025.D  
Acq On : 14 Feb 2025 9:29  
Operator : RC/JU  
Sample : SSTD01002  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD010448

Manual IntegrationsAPPROVED

Quant Time: Feb 18 14:44:26 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG021425.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Feb 14 12:34:43 2025  
Response via : Initial Calibration

Reviewed By :Rahul Chavli 02/18/2025  
Supervised By :Jagrut Upadhyay 02/19/2025



TIC: BG064025.D\data.ms

**(95) Dibenzo(a,h)anthracene**

**27.960min (+ 0.004) 9.41 ng/ul m**

**response 155909**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 11.90  | 14.97# |
| 279.00 | 22.10  | 22.47  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG021425\  
 Data File : BG064025.D  
 Acq On : 14 Feb 2025 9:29  
 Operator : RC/JU  
 Sample : SST001002  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST0010448

Manual IntegrationsAPPROVED

Quant Time: Feb 18 14:47:27 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG021425.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Feb 14 12:34:43 2025  
 Response via : Initial Calibration

Reviewed By :Rahul Chavli 02/18/2025  
 Supervised By :Jagrut Upadhyay 02/19/2025

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.860  | 152  | 36168    | 20.00 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.651 | 136  | 163492   | 20.00 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.488 | 164  | 109487   | 20.00 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.232 | 188  | 238870   | 20.00 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.468 | 240  | 288911   | 20.00 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.488 | 264  | 299350   | 20.00 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8             | 3.342  | 96   | 4404     | 4.19  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.742  | 84   | 29503    | 9.88  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.020  | 99   | 28918    | 8.85  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.196  | 67   | 20943    | 9.56  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.396  | 132  | 21748    | 9.42  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.560  | 113  | 24175    | 8.69  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.012  | 128  | 8317     | 8.64  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.729  | 143  | 6041     | 7.46  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.269 | 165  | 20995    | 8.96  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.780 | 131  | 33356    | 8.65  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.900 | 166  | 75308    | 9.13  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.182 | 160  | 93220    | 9.70  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.676 | 143  | 8268     | 6.37  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.481 | 176  | 72604    | 9.70  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.587 | 200  | 5215     | 6.12  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.332 | 188  | 112854   | 9.65  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.617 | 212  | 139816   | 9.19  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.282 | 264  | 141480   | 9.33  | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       | Qvalue |          |
| 2) 1,4-Dioxane                | 3.377  | 88   | 4742     | 4.07  | ng/uL# | 78       |
| 5) Pyridine                   | 3.759  | 79   | 31680    | 10.30 | ng/ul  | 93       |
| 6) Benzaldehyde               | 7.003  | 77   | 22780    | 11.81 | ng/ul  | 94       |
| 8) Phenol                     | 7.050  | 94   | 31673    | 9.05  | ng/ul  | 94       |
| 10) Bis(2-Chloroethyl)ether   | 7.290  | 93   | 26597    | 9.70  | ng/ul  | 98       |
| 12) 2-Chlorophenol            | 7.426  | 128  | 23331    | 9.52  | ng/ul  | 89       |
| 13) 2-Methylphenol            | 8.301  | 108  | 23429    | 8.82  | ng/ul  | 85       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.383  | 45   | 62607    | 9.51  | ng/ul  | 98       |
| 16) Acetophenone              | 8.677  | 105  | 42449    | 9.05  | ng/ul  | 97       |
| 17) N-Nitroso-di-n-propyla... | 8.665  | 70   | 21830    | 9.07  | ng/ul  | 93       |
| 18) 4-Methylphenol            | 8.624  | 108  | 25436    | 8.63  | ng/ul  | 93       |
| 19) Hexachloroethane          | 8.947  | 117  | 9738     | 9.58  | ng/ul# | 81       |
| 22) Nitrobenzene              | 9.053  | 77   | 25703    | 8.76  | ng/ul  | 90       |
| 23) Isophorone                | 9.576  | 82   | 60747    | 9.11  | ng/ul# | 97       |
| 25) 2-Nitrophenol             | 9.770  | 139  | 6805     | 7.58  | ng/ul  | 98       |
| 26) 2,4-Dimethylphenol        | 9.829  | 107  | 26902    | 9.29  | ng/ul  | 95       |
| 27) Bis(2-Chloroethoxy)met... | 10.064 | 93   | 35816    | 9.27  | ng/ul  | 100      |
| 29) 2,4-Dichlorophenol        | 10.293 | 162  | 20153    | 9.11  | ng/ul  | 99       |
| 30) Naphthalene               | 10.704 | 128  | 87113    | 9.64  | ng/ul  | 96       |
| 32) 4-Chloroaniline           | 10.804 | 127  | 33930    | 9.03  | ng/ul  | 97       |
| 33) Hexachlorobutadiene       | 10.992 | 225  | 17518    | 9.56  | ng/ul  | 96       |
| 34) Caprolactam               | 11.544 | 113  | 7907m    | 7.64  | ng/ul  |          |
| 35) 4-Chloro-3-methylphenol   | 11.926 | 107  | 25341    | 8.67  | ng/ul  | 95       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG021425\  
 Data File : BG064025.D  
 Acq On : 14 Feb 2025 9:29  
 Operator : RC/JU  
 Sample : SST001002  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST0010448

## Manual IntegrationsAPPROVED

Reviewed By :Rahul Chavli 02/18/2025  
 Supervised By :Jagrut Upadhyay 02/19/2025

Quant Time: Feb 18 14:47:27 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG021425.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Feb 14 12:34:43 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 36) 2-Methylnaphthalene       | 12.314 | 142  | 60538    | 9.31  | ng/ul  | 97       |
| 37) 1-Methylnaphthalene       | 12.531 | 142  | 62382    | 9.44  | ng/ul  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.684 | 216  | 32485    | 9.74  | ng/ul  | 90       |
| 40) Hexachlorocyclopentadiene | 12.666 | 237  | 11556    | 8.65  | ng/ul# | 92       |
| 41) 2,4,6-Trichlorophenol     | 12.919 | 196  | 15125    | 8.60  | ng/ul# | 93       |
| 42) 2,4,5-Trichlorophenol     | 12.984 | 196  | 17687    | 8.97  | ng/ul  | 98       |
| 43) 1,1'-Biphenyl             | 13.325 | 154  | 82532    | 9.68  | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.366 | 162  | 61890    | 9.73  | ng/ul  | 95       |
| 45) 2-Nitroaniline            | 13.560 | 65   | 12358    | 7.40  | ng/ul  | 96       |
| 47) Dimethylphthalate         | 13.947 | 163  | 74828    | 9.27  | ng/ul  | 97       |
| 48) 2,6-Dinitrotoluene        | 14.059 | 165  | 8730     | 7.21  | ng/ul  | 91       |
| 50) Acenaphthylene            | 14.206 | 152  | 95252    | 9.60  | ng/ul  | 98       |
| 51) 3-Nitroaniline            | 14.382 | 138  | 9745     | 7.18  | ng/ul  | 90       |
| 52) Acenaphthene              | 14.553 | 153  | 69004    | 9.45  | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol         | 14.594 | 184  | 2902     | 5.19  | ng/ul# | 83       |
| 55) 4-Nitrophenol             | 14.688 | 109  | 9278     | 7.16  | ng/ul# | 85       |
| 56) Dibenzofuran              | 14.887 | 168  | 97869    | 9.58  | ng/ul  | 100      |
| 57) 2,4-Dinitrotoluene        | 14.840 | 165  | 13803    | 7.76  | ng/ul# | 95       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.111 | 232  | 13928    | 8.35  | ng/ul  | 96       |
| 59) Diethylphthalate          | 15.316 | 149  | 74776    | 9.05  | ng/ul  | 97       |
| 61) Fluorene                  | 15.534 | 166  | 77604    | 9.40  | ng/ul  | 93       |
| 62) 4-Chlorophenyl-phenyle... | 15.534 | 204  | 39846    | 9.63  | ng/ul  | 94       |
| 63) 4-Nitroaniline            | 15.540 | 138  | 11355    | 7.93  | ng/ul# | 83       |
| 66) 4,6-Dinitro-2-methylph... | 15.604 | 198  | 5588     | 5.82  | ng/ul# | 87       |
| 67) N-Nitrosodiphenylamine    | 15.745 | 169  | 64720    | 9.65  | ng/ul  | 89       |
| 68) 4-Bromophenyl-phenylether | 16.427 | 248  | 24281    | 9.63  | ng/ul  | 95       |
| 69) Hexachlorobenzene         | 16.538 | 284  | 28644    | 9.99  | ng/ul  | 99       |
| 70) Atrazine                  | 16.697 | 200  | 26716    | 9.99  | ng/ul  | 95       |
| 71) Pentachlorophenol         | 16.879 | 266  | 9776     | 6.86  | ng/ul  | 87       |
| 72) Phenanthrene              | 17.273 | 178  | 130297   | 9.81  | ng/ul  | 98       |
| 74) Anthracene                | 17.361 | 178  | 134046   | 9.94  | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.289 | 216  | 33401    | 10.49 | ng/ul  | 96       |
| 76) Pentachlorobenzene        | 14.805 | 250  | 34822    | 10.14 | ng/ul  | 98       |
| 77) Carbazole                 | 17.631 | 167  | 119705   | 10.43 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.207 | 149  | 121362   | 9.32  | ng/ul  | 99       |
| 80) Fluoranthene              | 19.282 | 202  | 155352   | 9.04  | ng/ul  | 96       |
| 82) Pyrene                    | 19.647 | 202  | 174769   | 9.26  | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.551 | 149  | 43813    | 8.30  | ng/ul  | 97       |
| 84) 3,3'-Dichlorobenzidine    | 21.368 | 252  | 50880    | 9.39  | ng/ul  | 95       |
| 85) Benzo(a)anthracene        | 21.450 | 228  | 183889   | 9.57  | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.386 | 149  | 72845    | 8.39  | ng/ul  | 98       |
| 87) Chrysene                  | 21.509 | 228  | 187014   | 9.82  | ng/ul  | 98       |
| 89) Di-n-octyl phthalate      | 22.537 | 149  | 121757   | 7.97  | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.536 | 252  | 166286   | 9.40  | ng/ul  | 96       |
| 91) Benzo(k)fluoranthene      | 23.601 | 252  | 183592   | 9.84  | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 24.347 | 252  | 160436   | 9.44  | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 27.902 | 276  | 189825   | 9.28  | ng/ul# | 91       |
| 95) Dibenzo(a,h)anthracene    | 27.960 | 278  | 155909m  | 9.41  | ng/ul  |          |
| 96) Benzo(g,h,i)perylene      | 28.959 | 276  | 150002   | 9.29  | ng/ul  | 96       |

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

