

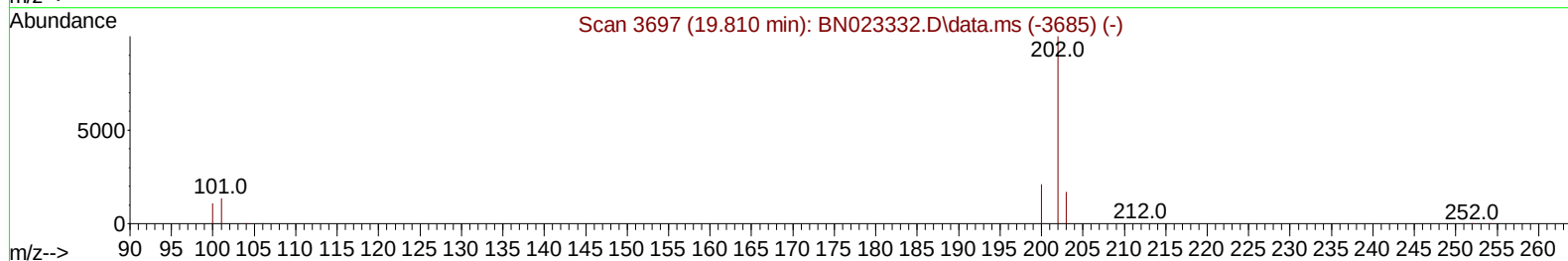
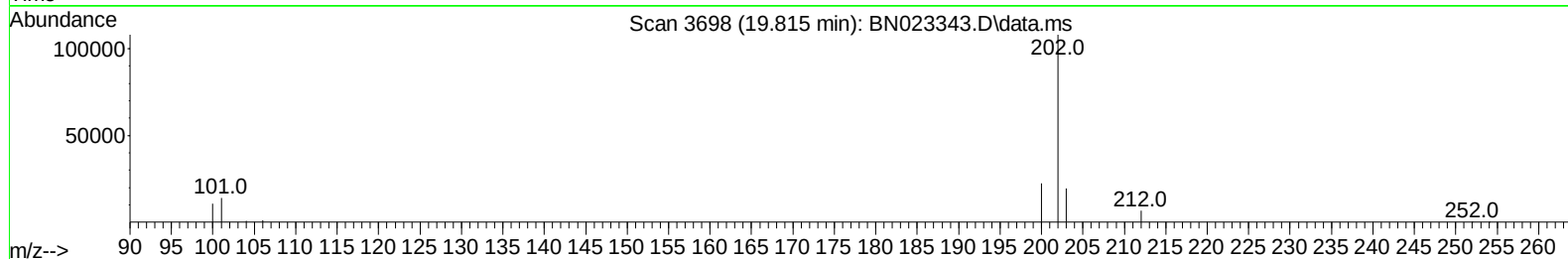
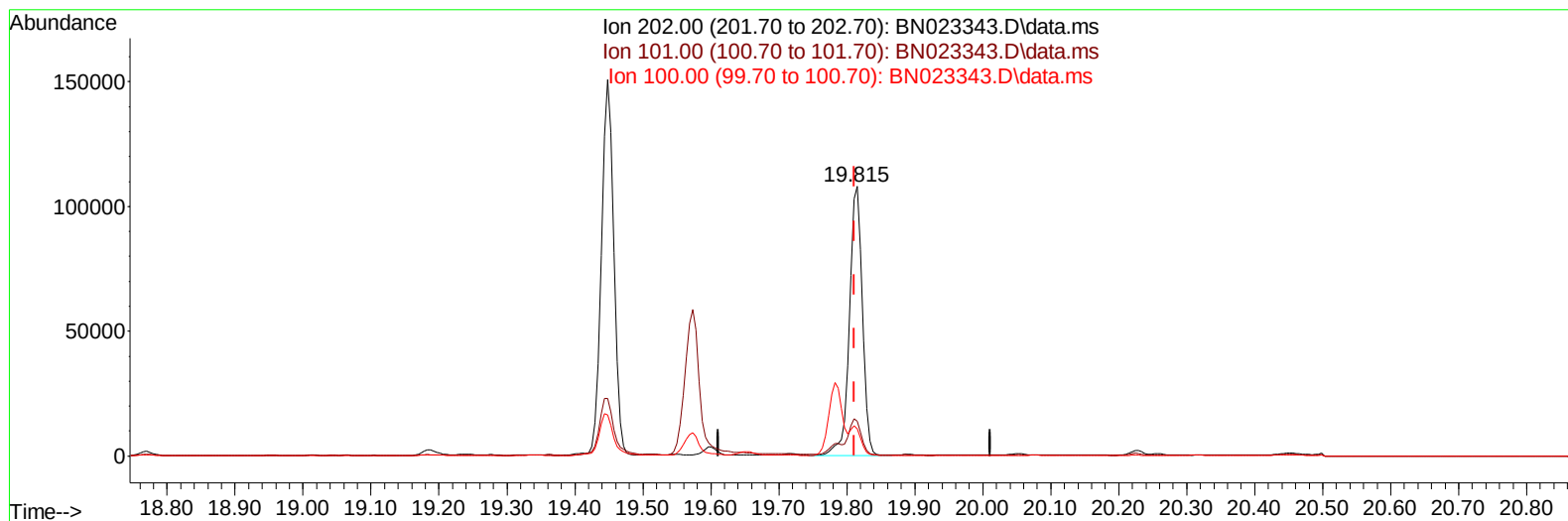
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122222\  
Data File : BN023343.D  
Acq On : 22 Dec 2022 17:29  
Operator : CG/JU  
Sample : N6003-09  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBXQ0

Manual IntegrationsAPPROVED

Quant Time: Dec 22 23:54:15 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 22 02:28:40 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2022  
Supervised By :mohammad ahmed 12/23/2022



TIC: BN023343.D\data.ms

(20) Pyrene

19.815min (+ 0.004) 1.09 ng/u1

response 141816

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 14.10  | 12.96  |
| 100.00 | 11.20  | 10.09  |
| 0.00   | 0.00   | 0.00   |

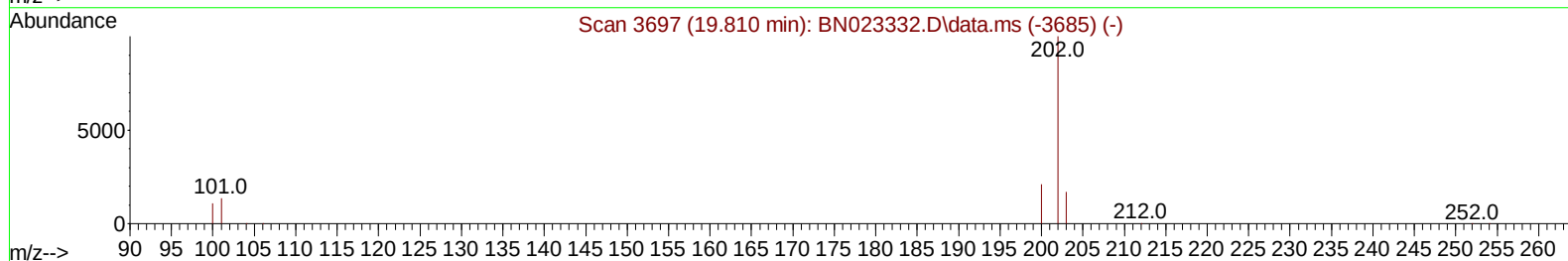
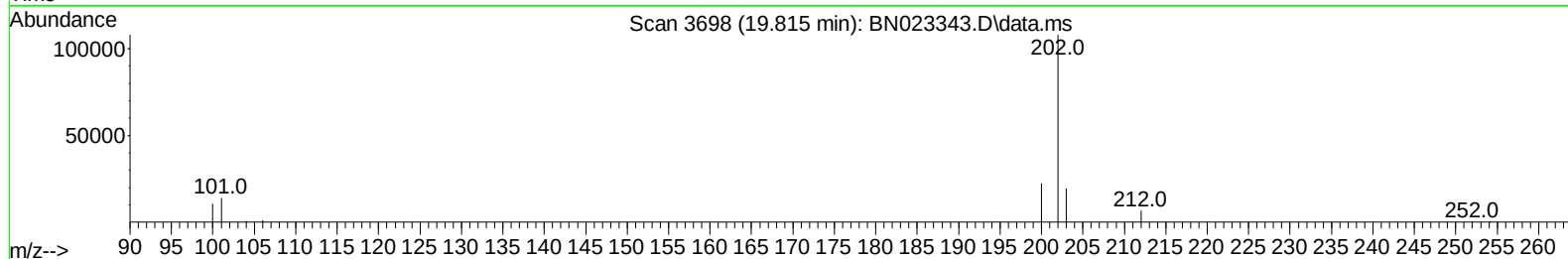
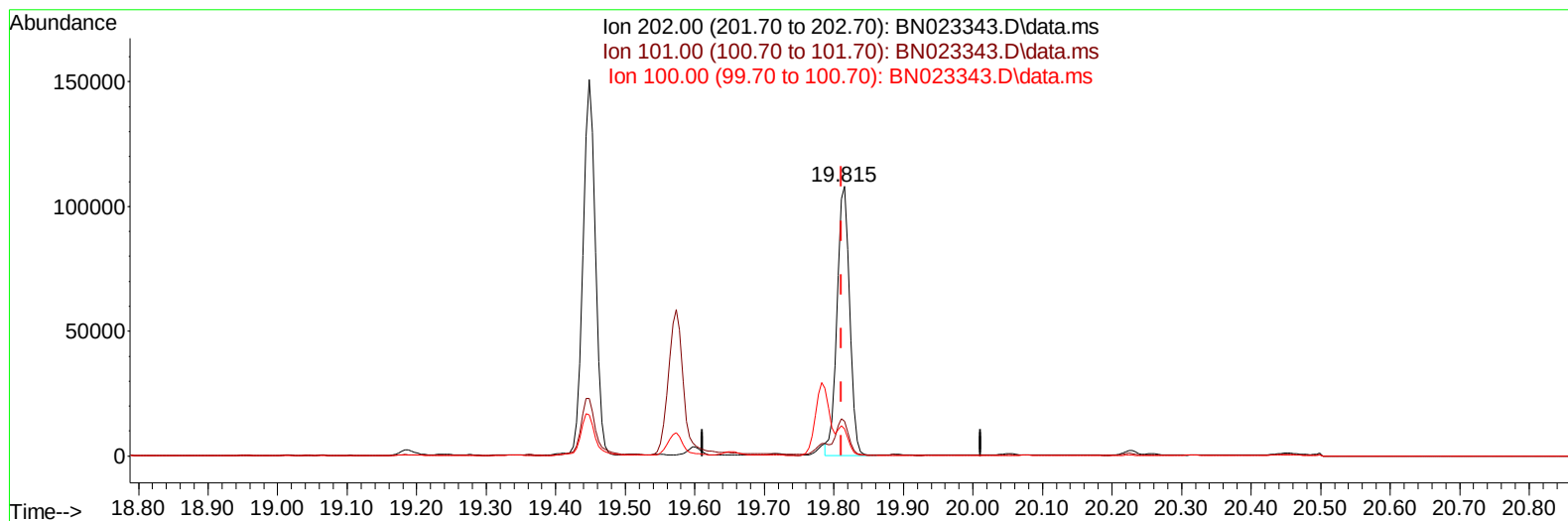
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122222\  
Data File : BN023343.D  
Acq On : 22 Dec 2022 17:29  
Operator : CG/JU  
Sample : N6003-09  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBXQ0

Manual IntegrationsAPPROVED

Quant Time: Dec 22 23:54:15 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 22 02:28:40 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2022  
Supervised By :mohammad ahmed 12/23/2022



TIC: BN023343.D\data.ms

(20) Pyrene

19.815min (+ 0.004) 1.06 ng/ul m

response 137841

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 14.10  | 12.96  |
| 100.00 | 11.20  | 10.09  |
| 0.00   | 0.00   | 0.00   |

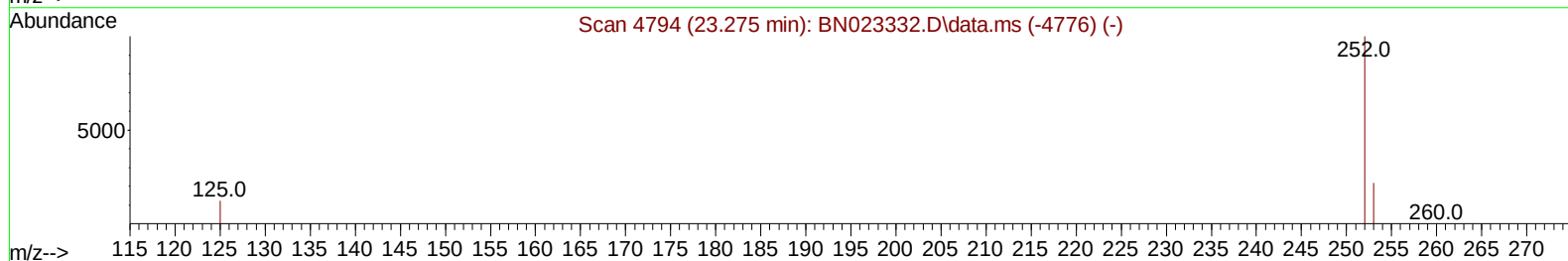
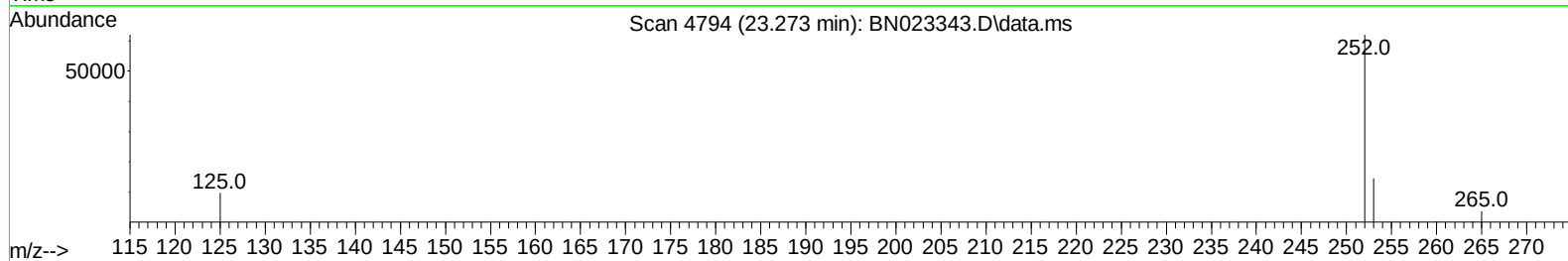
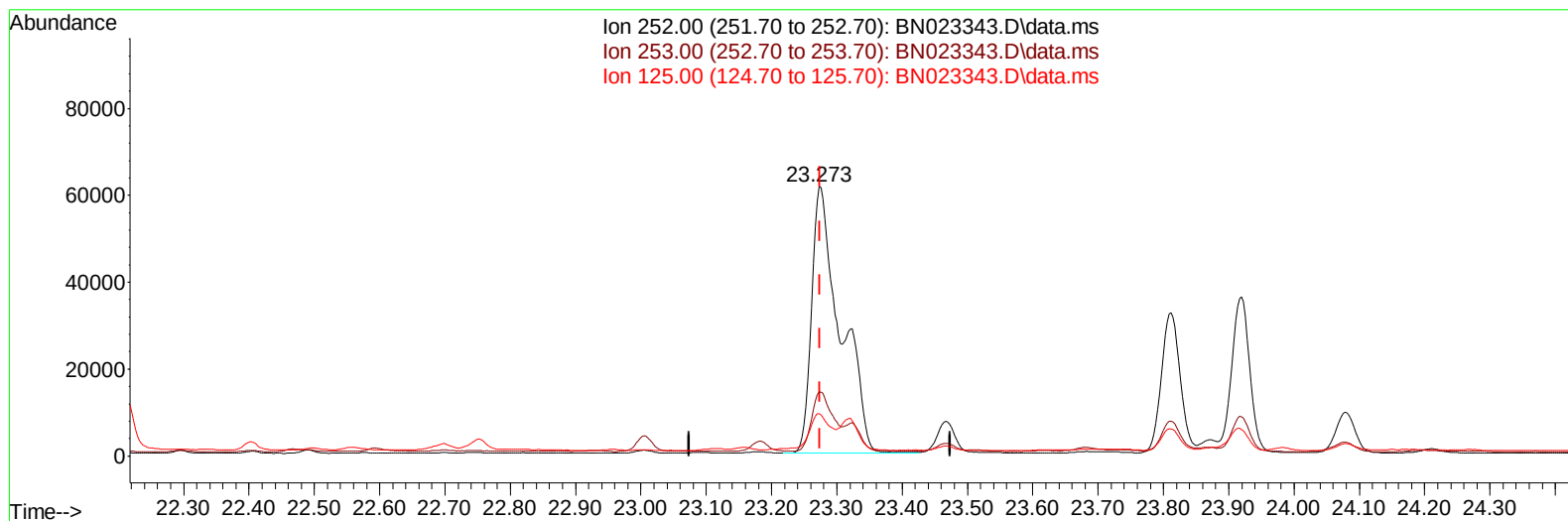
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122222\  
Data File : BN023343.D  
Acq On : 22 Dec 2022 17:29  
Operator : CG/JU  
Sample : N6003-09  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBXQ0

Manual IntegrationsAPPROVED

Quant Time: Dec 22 23:54:15 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 22 02:28:40 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2022  
Supervised By :mohammad ahmed 12/23/2022



TIC: BN023343.D\data.ms

(24) Benzo(b)fluoranthene

23.273min (-0.001) 1.66 ng/u1

response 186719

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 24.60  | 23.76  |
| 125.00 | 15.90  | 15.75  |
| 0.00   | 0.00   | 0.00   |

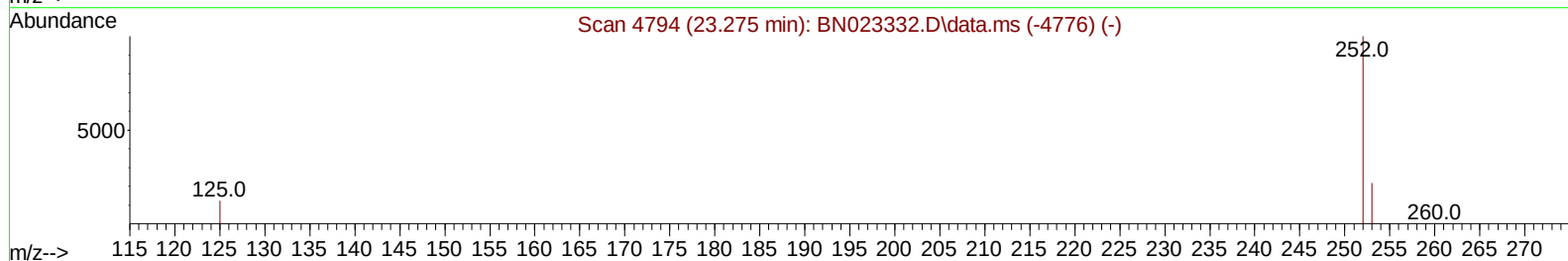
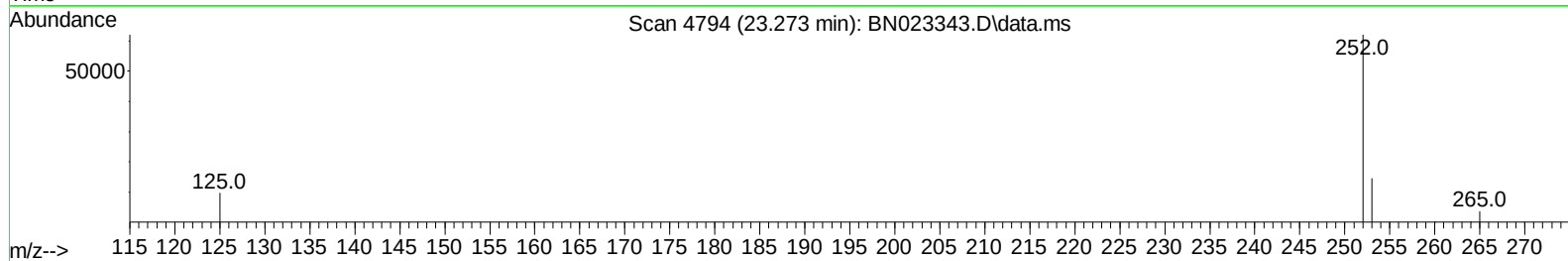
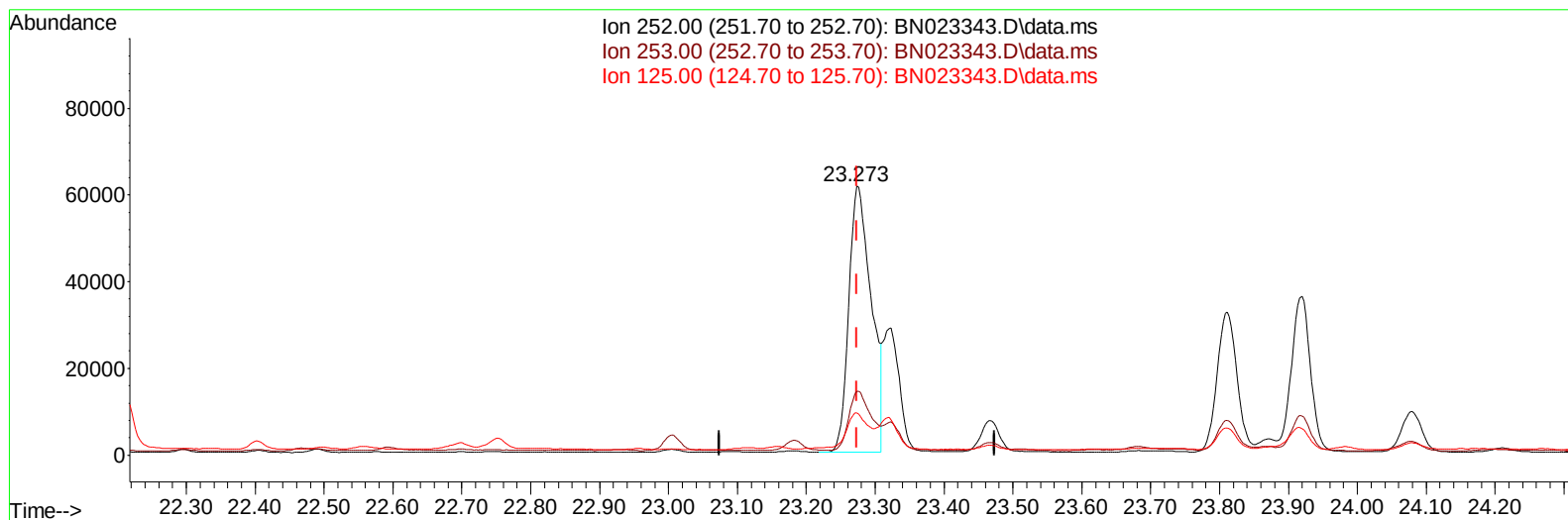
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122222\  
Data File : BN023343.D  
Acq On : 22 Dec 2022 17:29  
Operator : CG/JU  
Sample : N6003-09  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBXQ0

Manual IntegrationsAPPROVED

Quant Time: Dec 22 23:54:15 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 22 02:28:40 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2022  
Supervised By :mohammad ahmed 12/23/2022



TIC: BN023343.D\data.ms

(24) Benzo(b)fluoranthene

23.273min (-0.001) 1.24 ng/ul m

response 139595

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 24.60  | 23.76  |
| 125.00 | 15.90  | 15.75  |
| 0.00   | 0.00   | 0.00   |

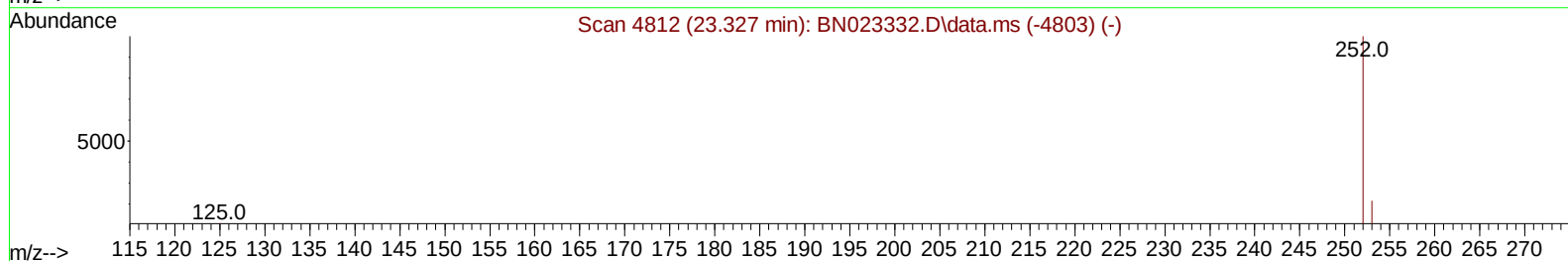
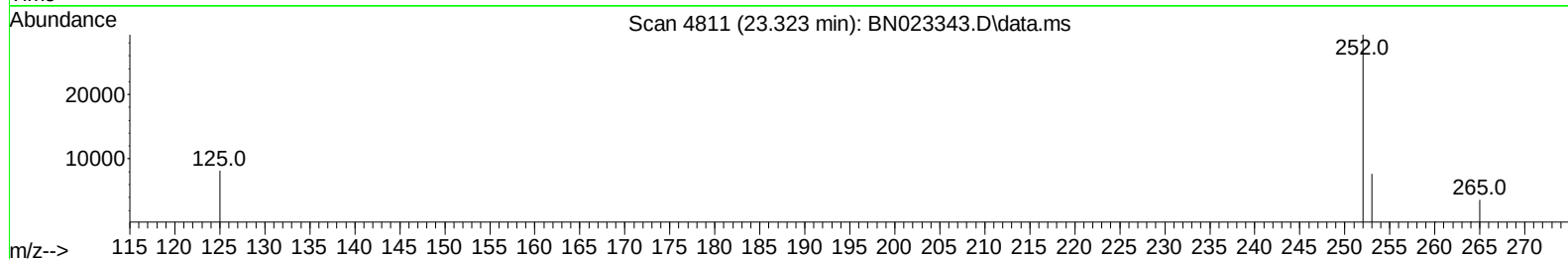
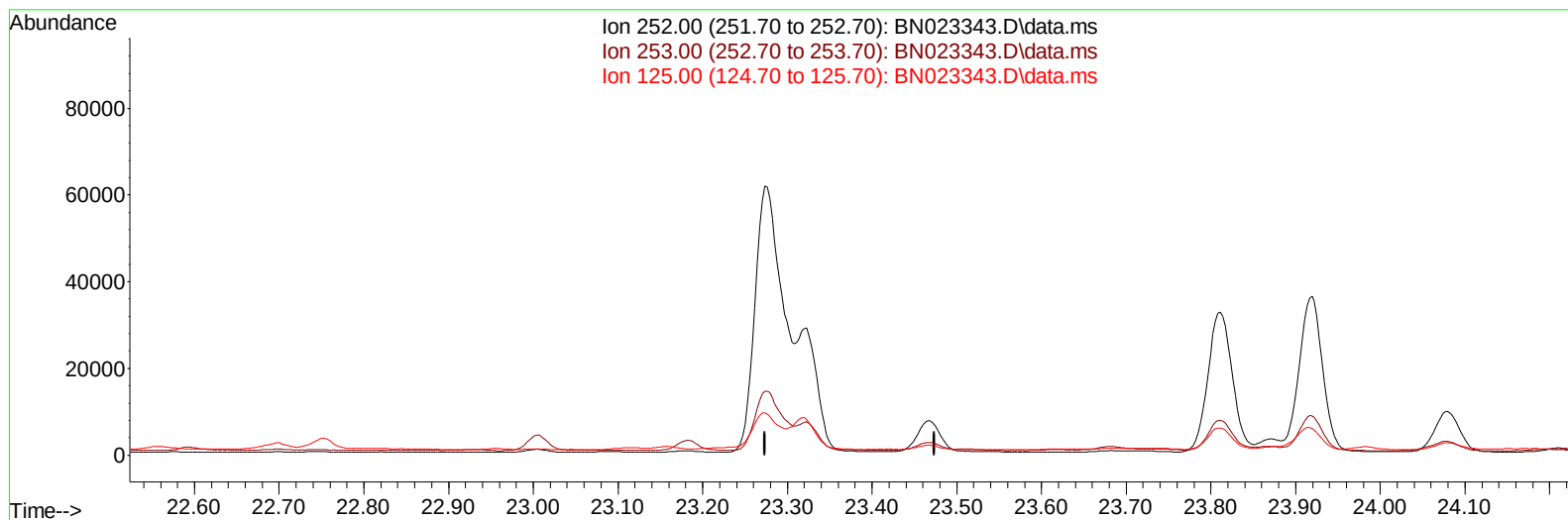
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122222\  
Data File : BN023343.D  
Acq On : 22 Dec 2022 17:29  
Operator : CG/JU  
Sample : N0003-09  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBXQ0

Manual IntegrationsAPPROVED

Quant Time: Dec 22 23:54:15 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 22 02:28:40 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2022  
Supervised By :mohammad ahmed 12/23/2022



TIC: BN023343.D\data.ms

(25) Benzo(k)fluoranthene

23.324min (-23.324) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 24.70  | 0.00# |
| 125.00 | 15.70  | 0.00# |
| 0.00   | 0.00   | 0.00  |

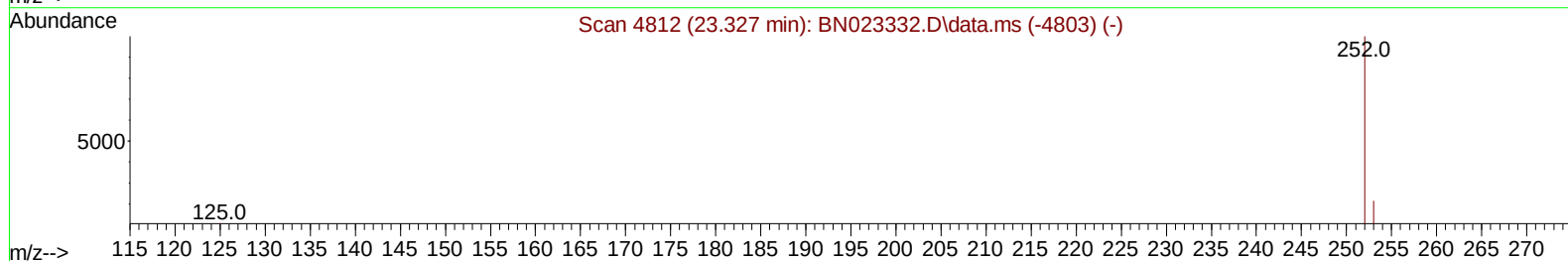
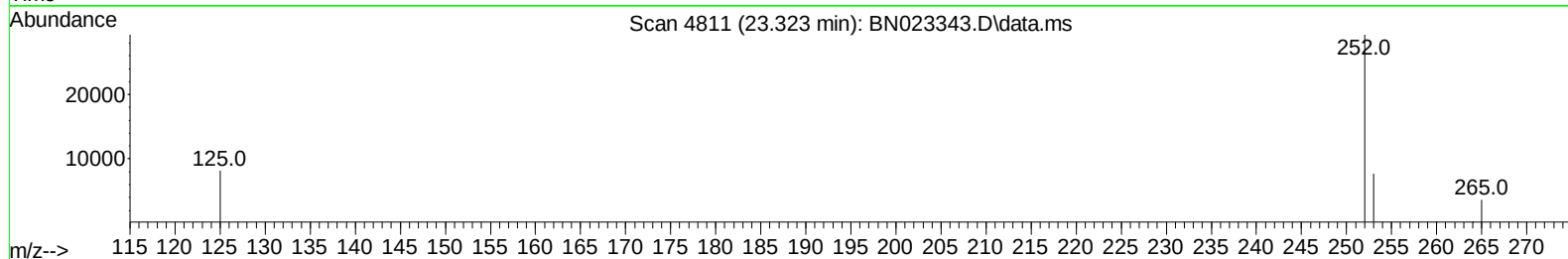
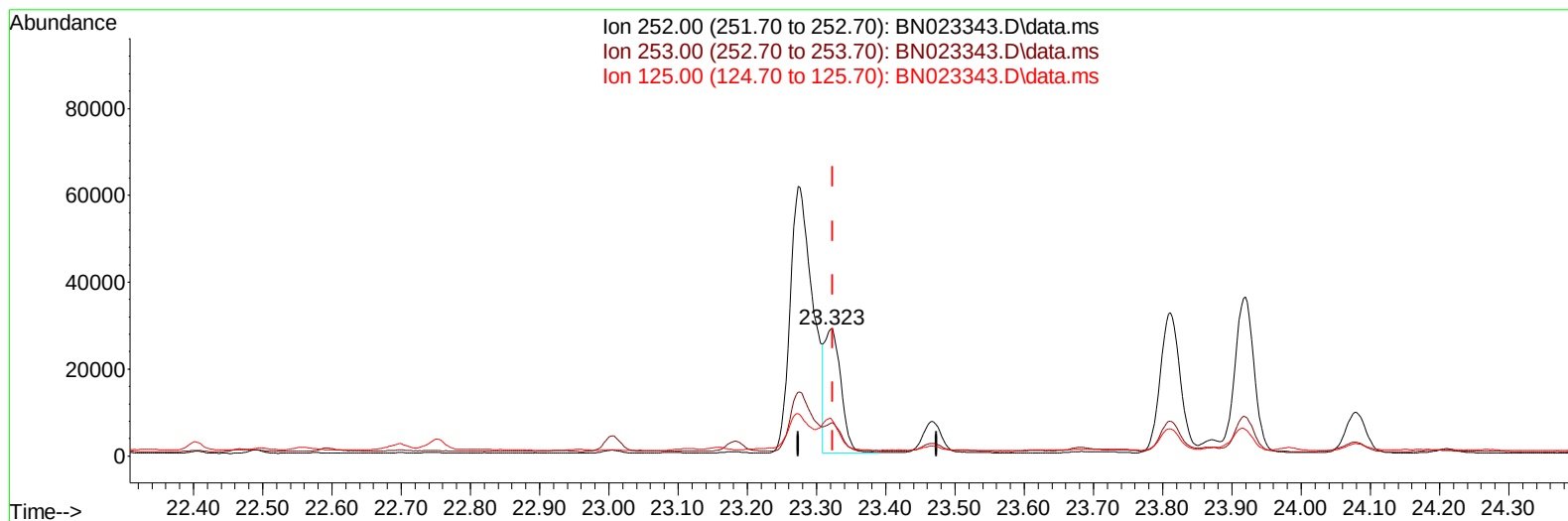
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122222\  
 Data File : BN023343.D  
 Acq On : 22 Dec 2022 17:29  
 Operator : CG/JU  
 Sample : N6003-09  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBXQ0

Manual IntegrationsAPPROVED

Quant Time: Dec 22 23:54:15 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 22 02:28:40 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2022  
 Supervised By :mohammad ahmed 12/23/2022



TIC: BN023343.D\data.ms

(25) Benzo(k)fluoranthene

23.323min (-0.001) 0.44 ng/ul m

response 46666

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 24.70  | 26.18  |
| 125.00 | 15.70  | 27.73# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122222\  
 Data File : BN023343.D  
 Acq On : 22 Dec 2022 17:29  
 Operator : CG/JU  
 Sample : N6003-09  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBXQ0

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022  
 Supervised By :mohammad ahmed 12/23/2022

Quant Time: Dec 22 23:54:15 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 22 02:28:40 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.998  | 152  | 6933     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.815 | 136  | 22844    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.645 | 164  | 13981    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.390 | 188  | 33116    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.578 | 240  | 26702    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 24.025 | 264  | 21708    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.344  | 96   | 40711    | 5.404 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.405 | 152  | 11988    | 0.339 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.420 | 212  | 30784    | 0.319 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.865 | 128  | 5519     | 0.082 | ng/ul# | 95       |
| 7) 2-Methylnaphthalene      | 12.476 | 142  | 2373     | 0.055 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.696 | 142  | 1689     | 0.038 | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.368 | 152  | 7371     | 0.119 | ng/ul  | 97       |
| 11) Acenaphthene            | 14.705 | 153  | 1456     | 0.028 | ng/ul  | 98       |
| 12) Fluorene                | 15.695 | 166  | 1395     | 0.024 | ng/ul# | 94       |
| 14) Pentachlorophenol       | 17.040 | 266  | 367      | 0.040 | ng/ul  | 97       |
| 15) Phenanthrene            | 17.432 | 178  | 53516    | 0.496 | ng/ul  | 100      |
| 16) Anthracene              | 17.525 | 178  | 9425     | 0.105 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.448 | 202  | 190850   | 1.473 | ng/ul# | 92       |
| 20) Pyrene                  | 19.815 | 202  | 137841m  | 1.056 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.560 | 228  | 75229    | 0.724 | ng/ul  | 97       |
| 22) Chrysene                | 21.616 | 228  | 101056   | 0.956 | ng/ul# | 96       |
| 24) Benzo(b)fluoranthene    | 23.273 | 252  | 139595m  | 1.243 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.323 | 252  | 46666m   | 0.443 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.919 | 252  | 69159    | 0.778 | ng/ul  | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.577 | 276  | 54225    | 0.523 | ng/ul# | 99       |
| 28) Dibenzo(a,h)anthracene  | 26.590 | 278  | 13154    | 0.163 | ng/ul# | 80       |
| 29) Benzo(g,h,i)perylene    | 27.372 | 276  | 45981    | 0.544 | ng/ul# | 84       |
| -----                       |        |      |          |       |        |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122222\  
Data File : BN023343.D  
Acq On : 22 Dec 2022 17:29  
Operator : CG/JU  
Sample : N6003-09  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DBXQ0

## Manual IntegrationsAPPROVED

Quant Time: Dec 22 23:54:15 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN122122.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 22 02:28:40 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/23/2022  
Supervised By :mohammad ahmed 12/23/2022

