

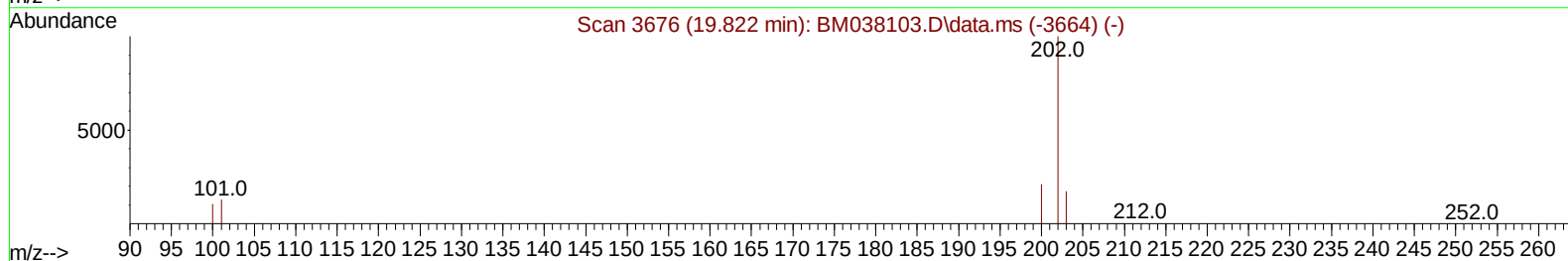
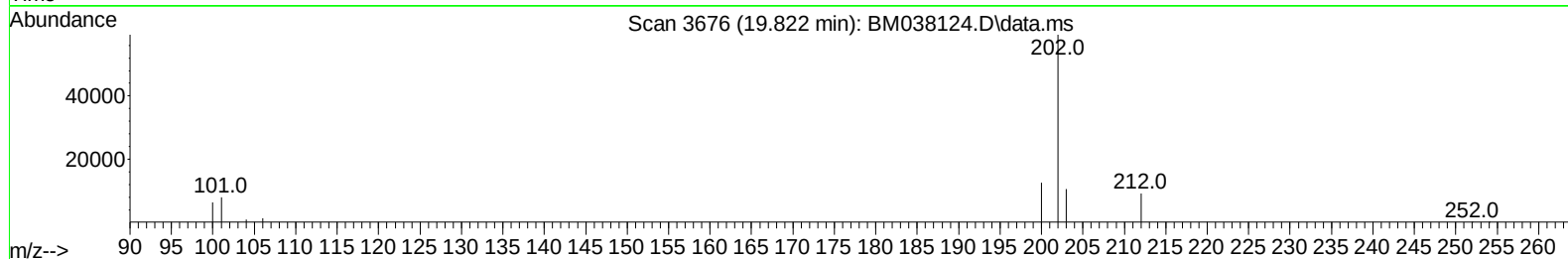
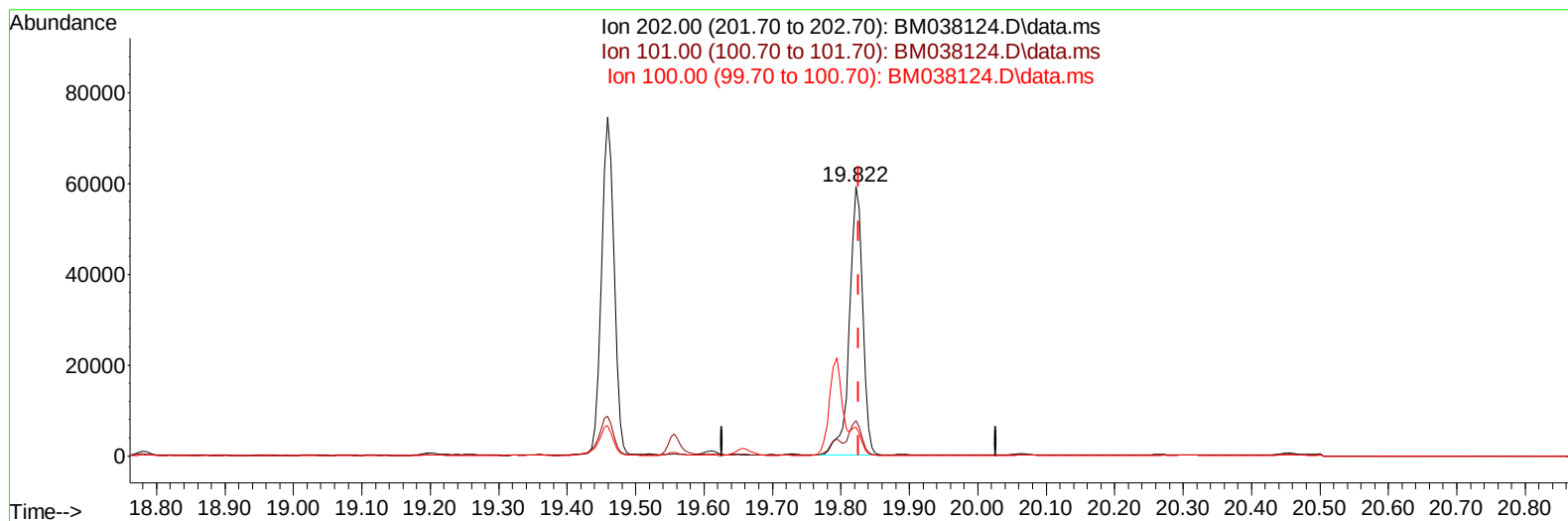
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121922\  
Data File : BM038124.D  
Acq On : 20 Dec 2022 04:51  
Operator : CG/JU  
Sample : N6006-11  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBXZ4

Manual IntegrationsAPPROVED

Quant Time: Dec 20 05:44:46 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM121522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Dec 17 05:21:07 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/20/2022  
Supervised By :mohammad ahmed 12/20/2022



TIC: BM038124.D\data.ms

(20) Pyrene

19.822min (-0.005) 1.00 ng/u1

response 78658

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.10  | 13.20  |
| 100.00 | 12.20  | 10.82  |
| 0.00   | 0.00   | 0.00   |

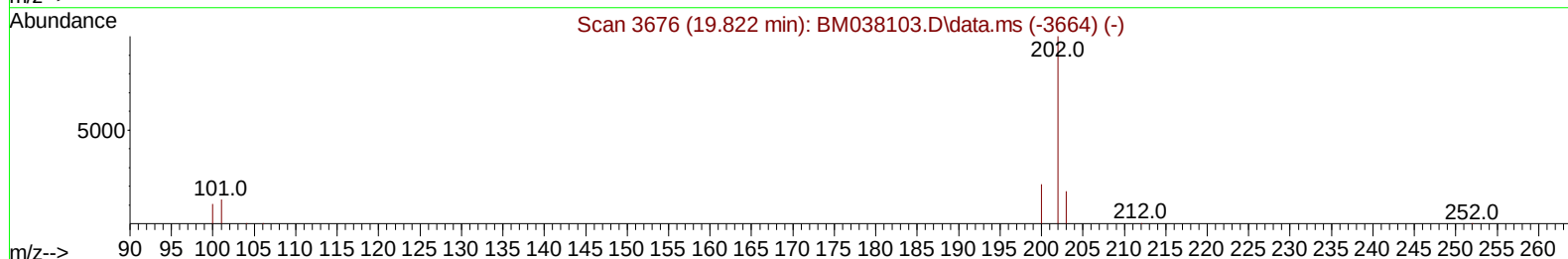
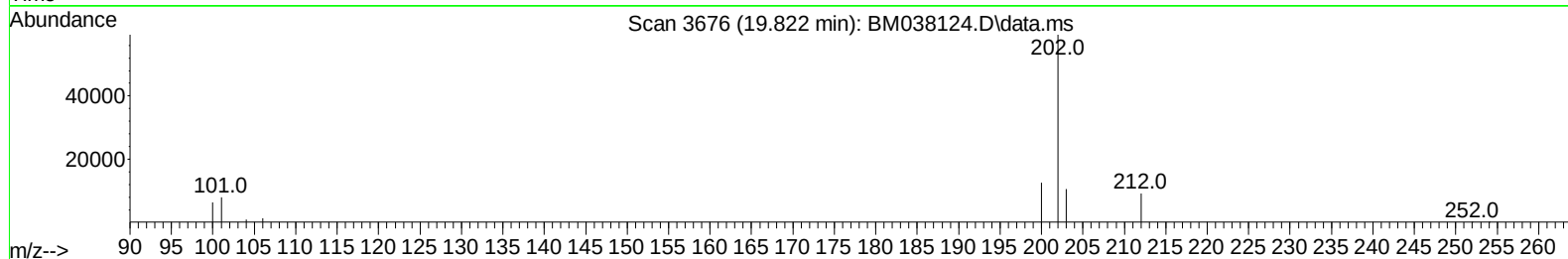
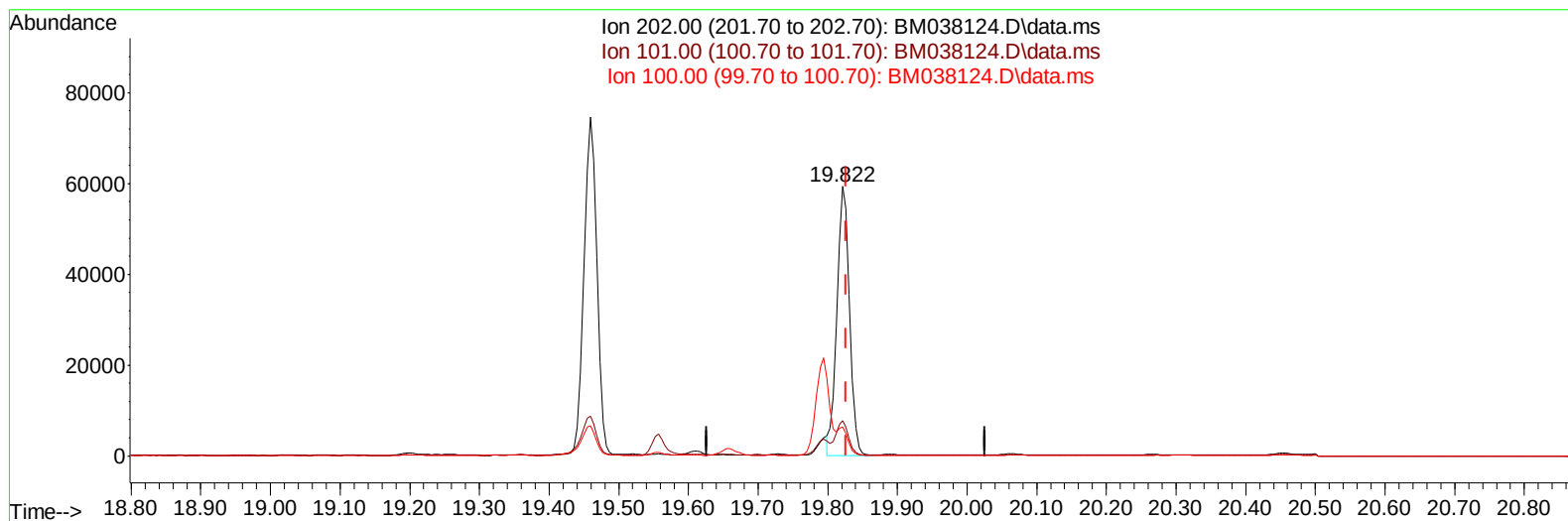
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121922\  
 Data File : BM038124.D  
 Acq On : 20 Dec 2022 04:51  
 Operator : CG/JU  
 Sample : N6006-11  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBXZ4

Manual IntegrationsAPPROVED

Quant Time: Dec 20 05:44:46 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM121522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 17 05:21:07 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/20/2022  
 Supervised By :mohammad ahmed 12/20/2022



TIC: BM038124.D\data.ms

(20) Pyrene

19.822min (-0.005) 0.96 ng/ul m

response 74984

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.10  | 13.20  |
| 100.00 | 12.20  | 10.82  |
| 0.00   | 0.00   | 0.00   |

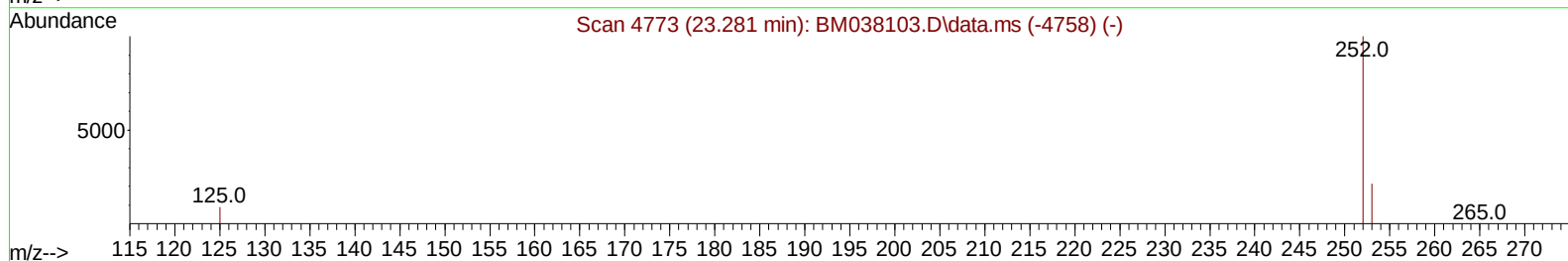
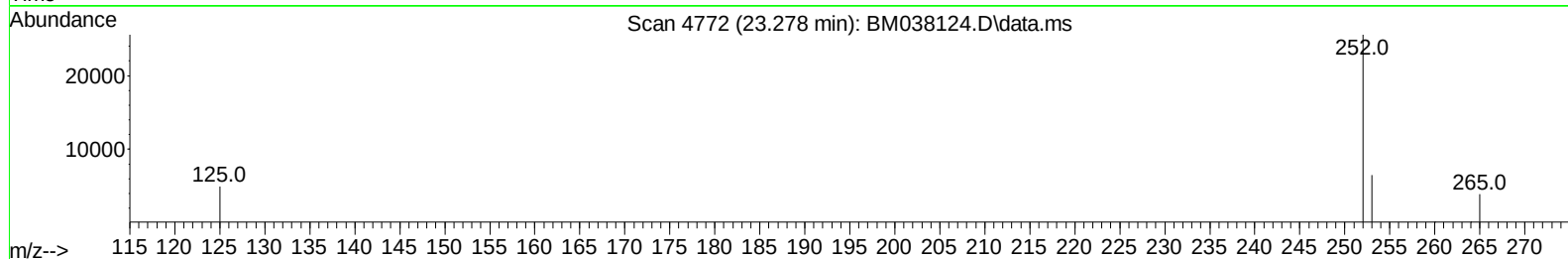
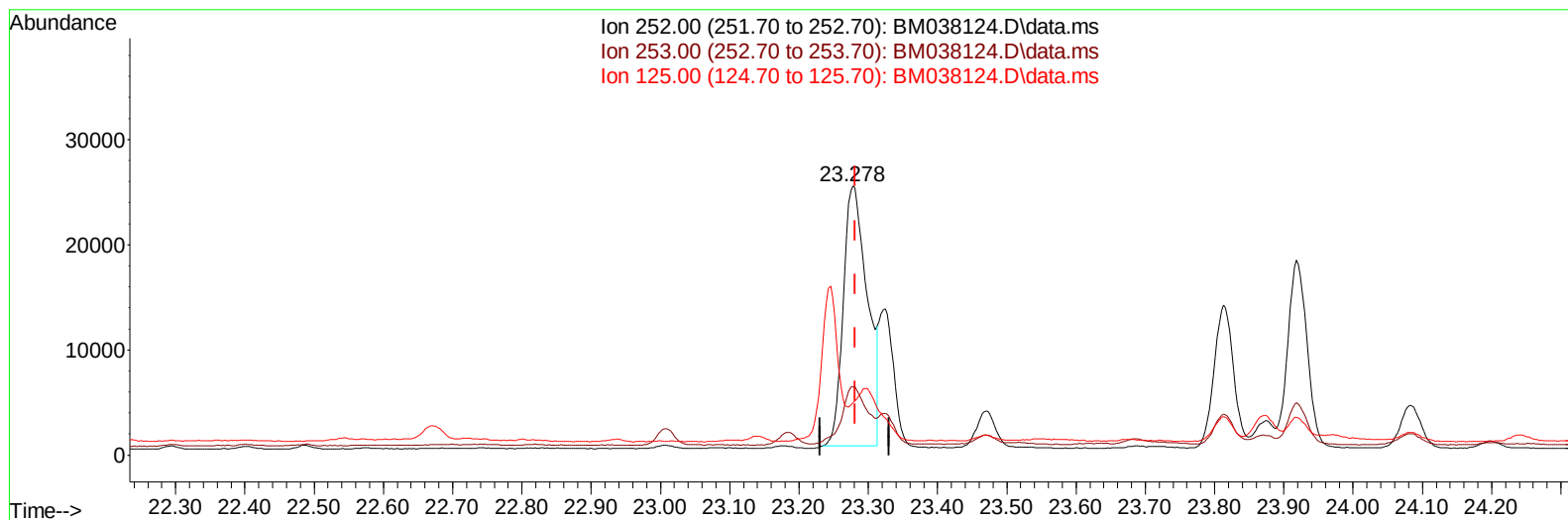
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121922\  
 Data File : BM038124.D  
 Acq On : 20 Dec 2022 04:51  
 Operator : CG/JU  
 Sample : N6006-11  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBXZ4

Manual IntegrationsAPPROVED

Quant Time: Dec 20 05:44:46 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM121522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 17 05:21:07 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/20/2022  
 Supervised By :mohammad ahmed 12/20/2022



TIC: BM038124.D\data.ms

**(24) Benzo(b)fluoranthene**

23.278min (-0.003) 0.88 ng/ul

response 59985

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.90  | 25.34  |
| 125.00 | 21.10  | 19.39  |
| 0.00   | 0.00   | 0.00   |

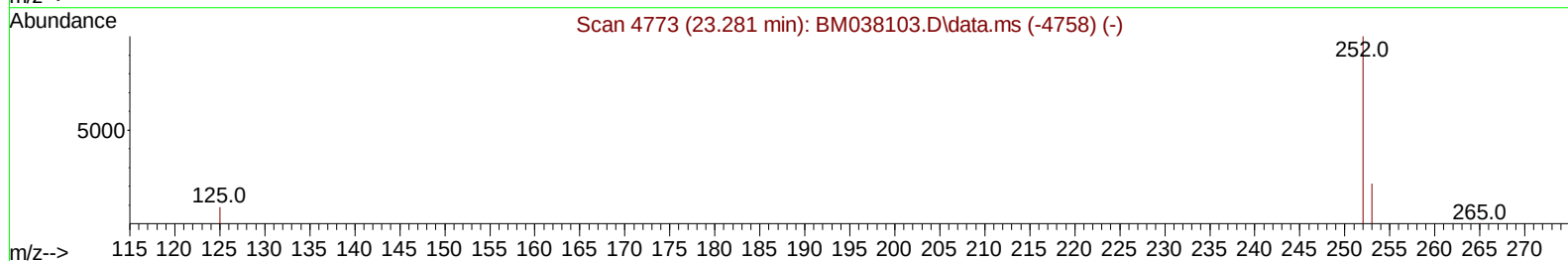
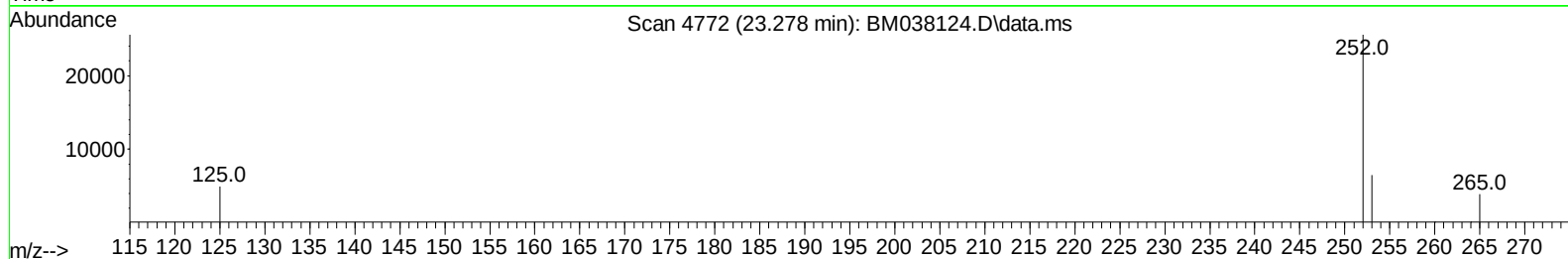
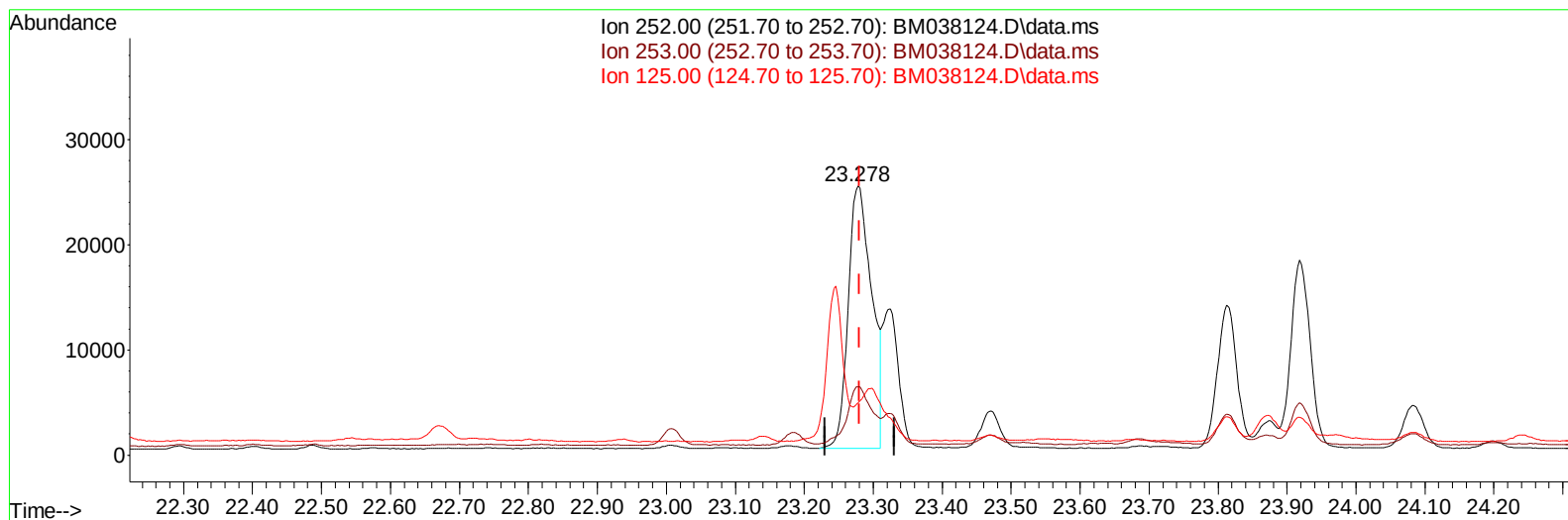
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121922\  
 Data File : BM038124.D  
 Acq On : 20 Dec 2022 04:51  
 Operator : CG/JU  
 Sample : N6006-11  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBXZ4

Manual IntegrationsAPPROVED

Quant Time: Dec 20 05:44:46 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM121522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 17 05:21:07 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/20/2022  
 Supervised By :mohammad ahmed 12/20/2022



TIC: BM038124.D\data.ms

(24) Benzo(b)fluoranthene

23.278min (-0.003) 0.87 ng/ul m

response 59149

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.90  | 25.34  |
| 125.00 | 21.10  | 19.39  |
| 0.00   | 0.00   | 0.00   |

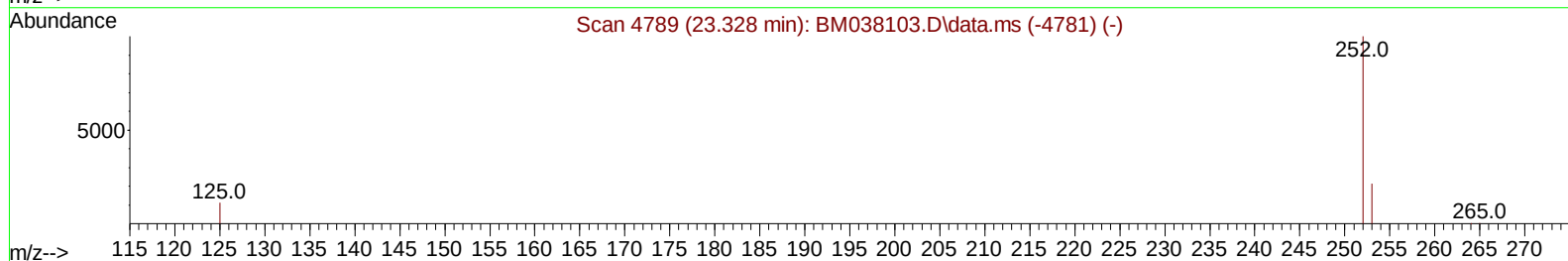
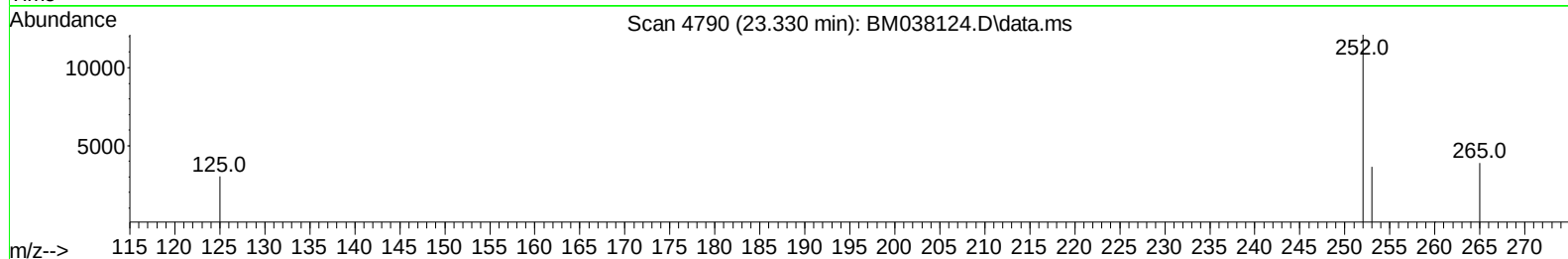
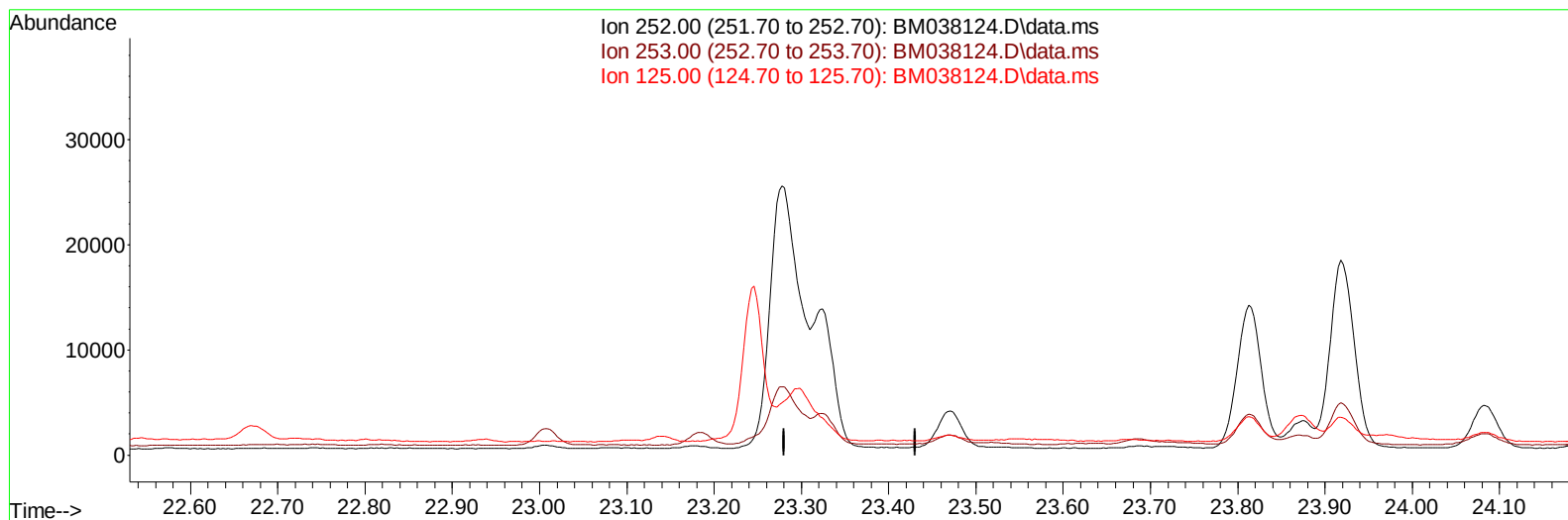
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121922\  
Data File : BM038124.D  
Acq On : 20 Dec 2022 04:51  
Operator : CG/JU  
Sample : N6006-11  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBXZ4

Manual IntegrationsAPPROVED

Quant Time: Dec 20 05:44:46 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM121522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Dec 17 05:21:07 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/20/2022  
Supervised By :mohammad ahmed 12/20/2022



TIC: BM038124.D\data.ms

(25) Benzo(k)fluoranthene

23.330min (-23.330) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 26.00  | 0.00# |
| 125.00 | 21.40  | 0.00# |
| 0.00   | 0.00   | 0.00  |

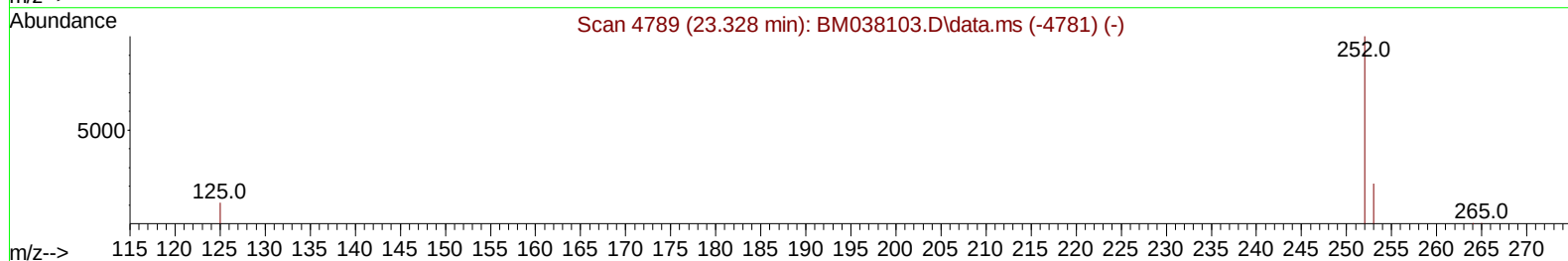
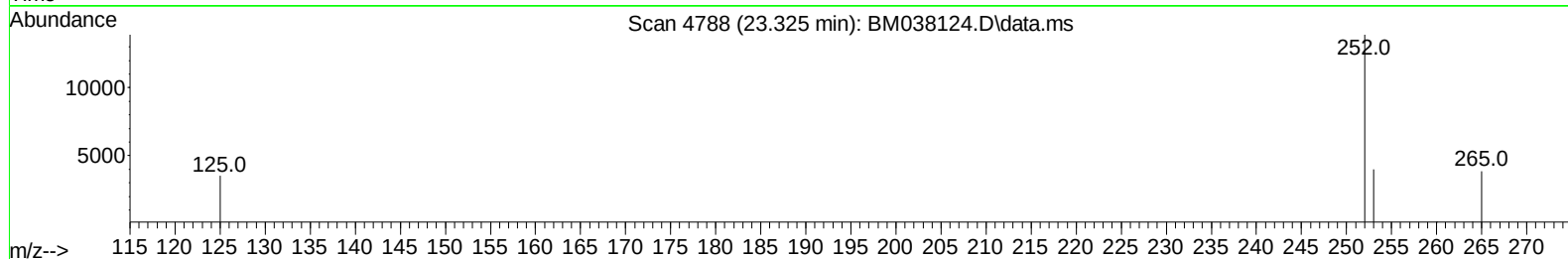
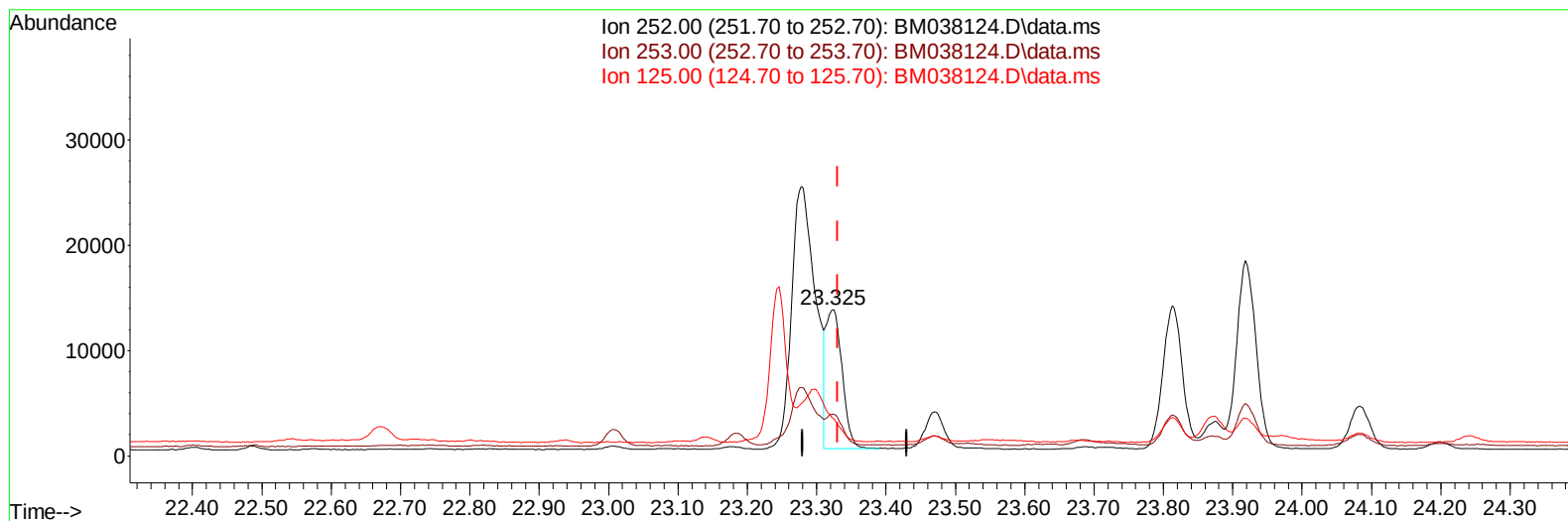
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121922\  
 Data File : BM038124.D  
 Acq On : 20 Dec 2022 04:51  
 Operator : CG/JU  
 Sample : N6006-11  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBXZ4

Manual IntegrationsAPPROVED

Quant Time: Dec 20 05:44:46 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM121522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 17 05:21:07 2022  
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/20/2022  
 Supervised By :mohammad ahmed 12/20/2022



TIC: BM038124.D\data.ms

(25) Benzo(k)fluoranthene

23.325min (-0.006) 0.33 ng/ul m

response 21436

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.00  | 28.61  |
| 125.00 | 21.40  | 25.27  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121922\  
 Data File : BM038124.D  
 Acq On : 20 Dec 2022 04:51  
 Operator : CG/JU  
 Sample : N6006-11  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBXZ4

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/20/2022  
 Supervised By :mohammad ahmed 12/20/2022

Quant Time: Dec 20 05:44:46 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM121522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 17 05:21:07 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.051  | 152  | 5157     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.861 | 136  | 16291    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.675 | 164  | 9358     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.413 | 188  | 19708    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.577 | 240  | 14846    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.032 | 264  | 14409    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.402  | 96   | 29711    | 4.215 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.440 | 152  | 8385     | 0.353 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.431 | 212  | 18669    | 0.347 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.911 | 128  | 2538     | 0.051 | ng/ul# | 91       |
| 7) 2-Methylnaphthalene      | 12.517 | 142  | 1360     | 0.045 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.731 | 142  | 1126     | 0.036 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.398 | 152  | 2793     | 0.057 | ng/ul# | 87       |
| 11) Acenaphthene            | 14.735 | 153  | 1806     | 0.049 | ng/ul  | 98       |
| 12) Fluorene                | 15.716 | 166  | 1655     | 0.040 | ng/ul# | 95       |
| 14) Pentachlorophenol       | 17.063 | 266  | 275      | 0.034 | ng/ul  | 89       |
| 15) Phenanthrene            | 17.451 | 178  | 39615    | 0.597 | ng/ul  | 100      |
| 16) Anthracene              | 17.544 | 178  | 7579     | 0.124 | ng/ul  | 94       |
| 19) Fluoranthene            | 19.459 | 202  | 95753    | 1.249 | ng/ul  | 97       |
| 20) Pyrene                  | 19.822 | 202  | 74984m   | 0.958 | ng/ul  |          |
| 21) Benzo(a)anthracene      | 21.559 | 228  | 40878    | 0.637 | ng/ul  | 99       |
| 22) Chrysene                | 21.615 | 228  | 43442    | 0.671 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.278 | 252  | 59149m   | 0.866 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.325 | 252  | 21436m   | 0.325 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.918 | 252  | 34636    | 0.602 | ng/ul# | 93       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.589 | 276  | 24837    | 0.344 | ng/ul# | 84       |
| 28) Dibenzo(a,h)anthracene  | 26.595 | 278  | 6592     | 0.117 | ng/ul# | 75       |
| 29) Benzo(g,h,i)perylene    | 27.387 | 276  | 17028    | 0.277 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121922\  
Data File : BM038124.D  
Acq On : 20 Dec 2022 04:51  
Operator : CG/JU  
Sample : N6006-11  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DBXZ4

## Manual IntegrationsAPPROVED

Quant Time: Dec 20 05:44:46 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM121522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Dec 17 05:21:07 2022  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/20/2022  
Supervised By :mohammad ahmed 12/20/2022

