

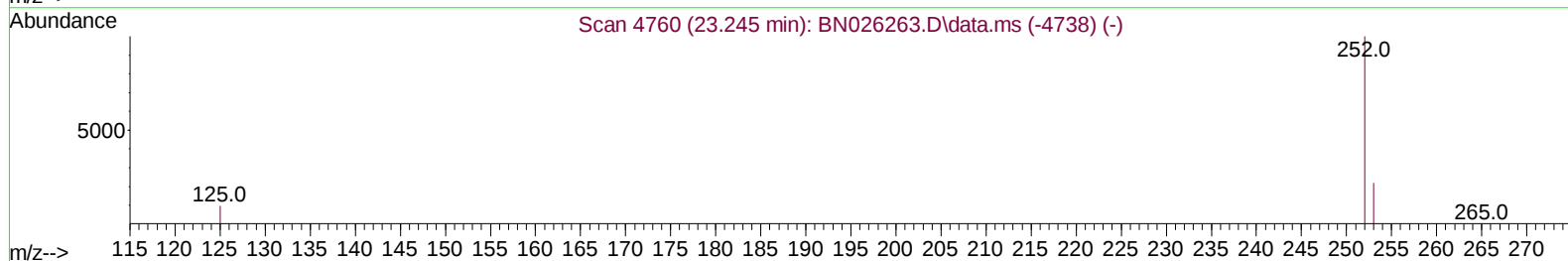
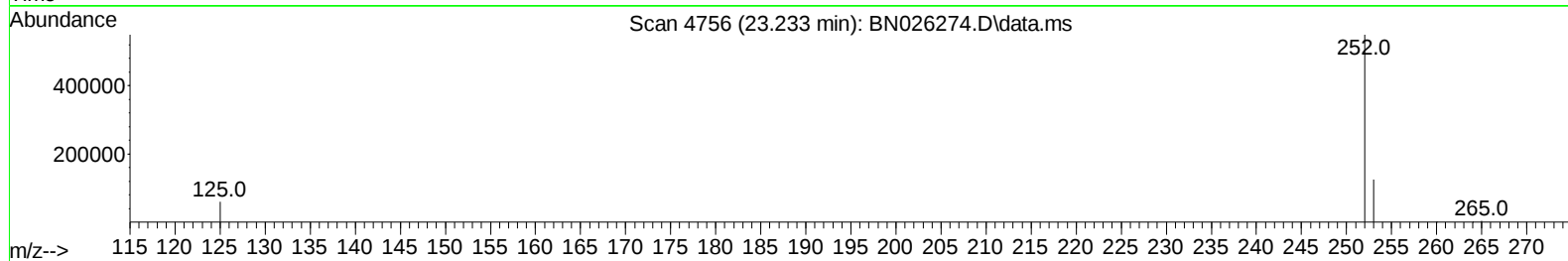
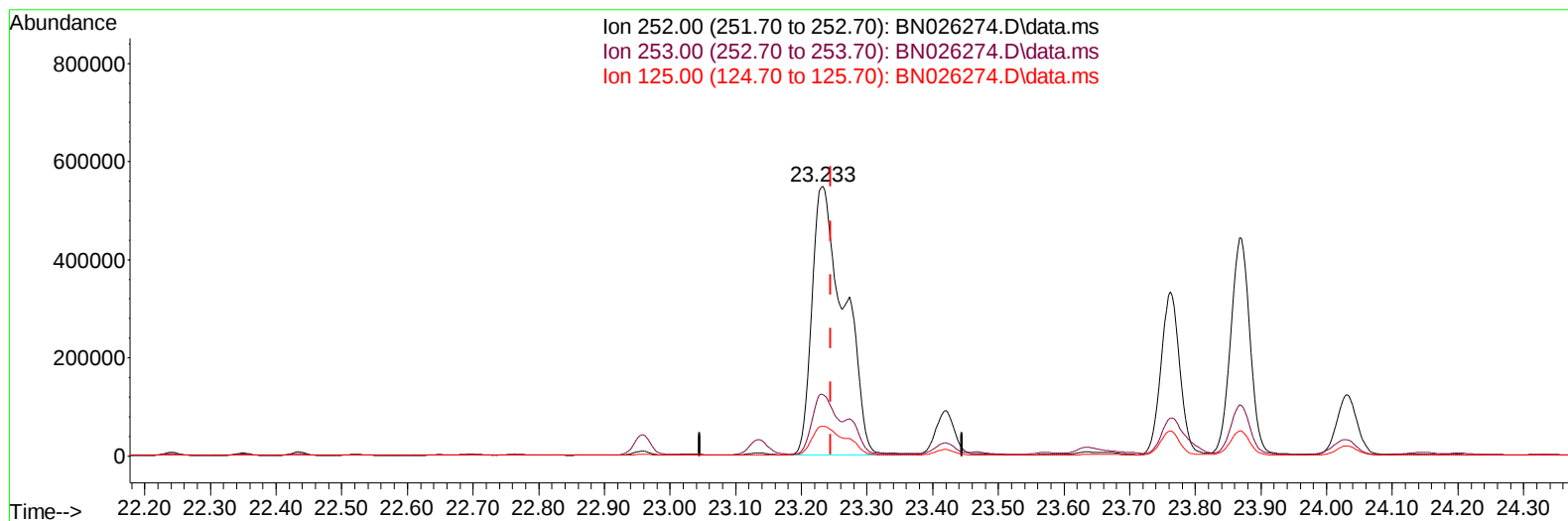
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
 Data File : BN026274.D  
 Acq On : 04 Jul 2023 22:19  
 Operator : MA/JU  
 Sample : 03244-08DL 5X  
 Misc :  
 ALS Vial : 132 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCGE7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 05 00:09:28 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 05 00:03:30 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023  
 Supervised By :mohammad ahmed 07/05/2023



TIC: BN026274.D\data.ms

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

23.233min (-0.012) 17.58 ng/u1

response 1862647

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.80  | 22.84  |
| 125.00 | 17.90  | 11.07  |
| 0.00   | 0.00   | 0.00   |

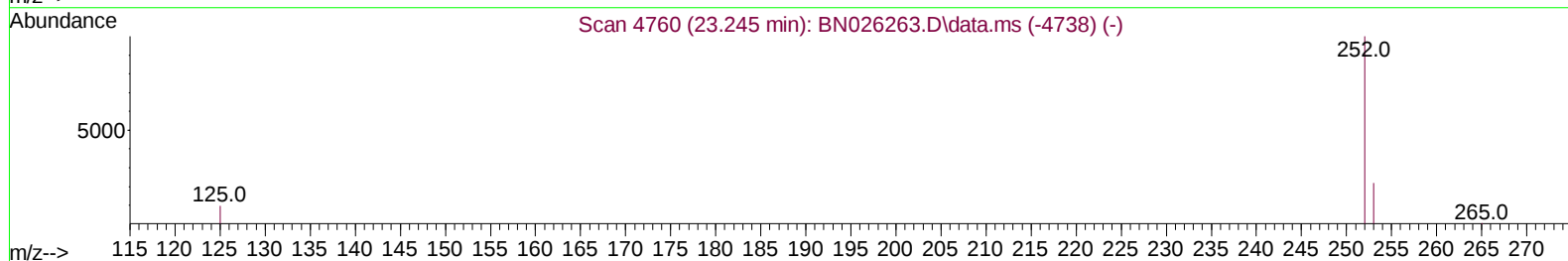
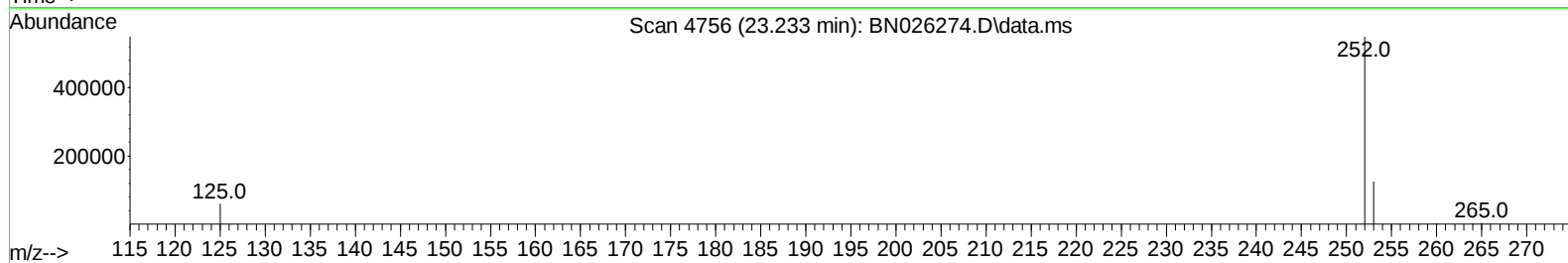
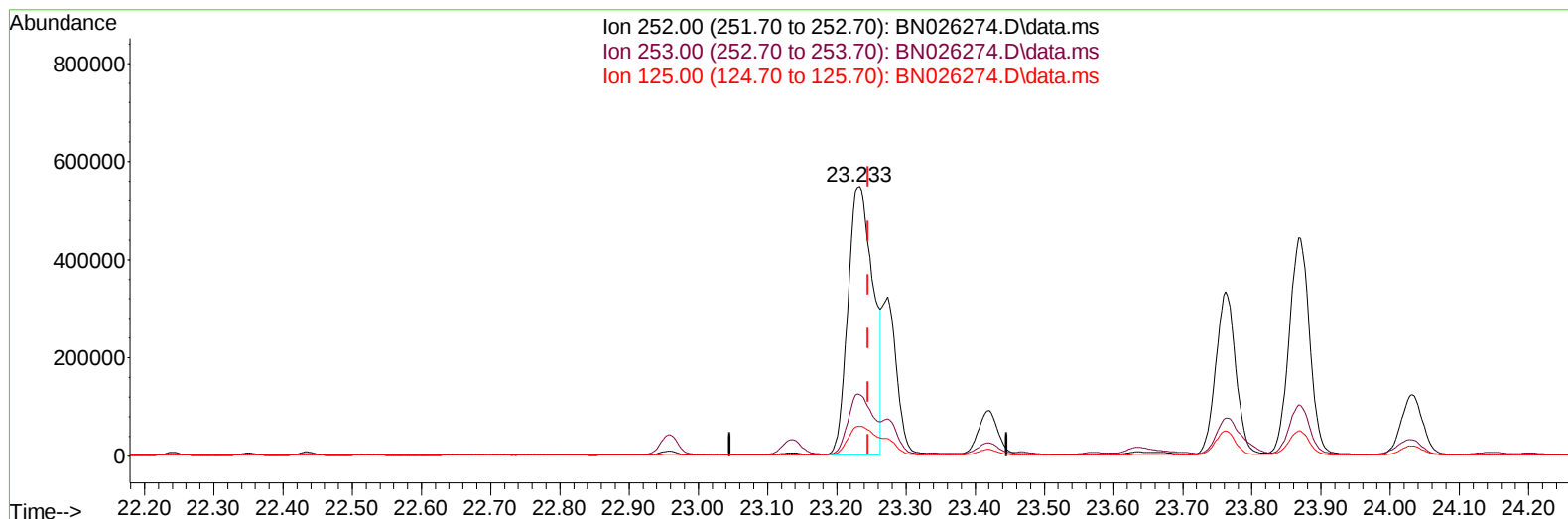
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
 Data File : BN026274.D  
 Acq On : 04 Jul 2023 22:19  
 Operator : MA/JU  
 Sample : 03244-08DL 5X  
 Misc :  
 ALS Vial : 132 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCGE7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 05 00:09:28 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 05 00:03:30 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023  
 Supervised By :mohammad ahmed 07/05/2023



TIC: BN026274.D\data.ms

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

23.233min (-0.012) 12.99 ng/ul m

response 1376325

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.80  | 22.84  |
| 125.00 | 17.90  | 11.07  |
| 0.00   | 0.00   | 0.00   |

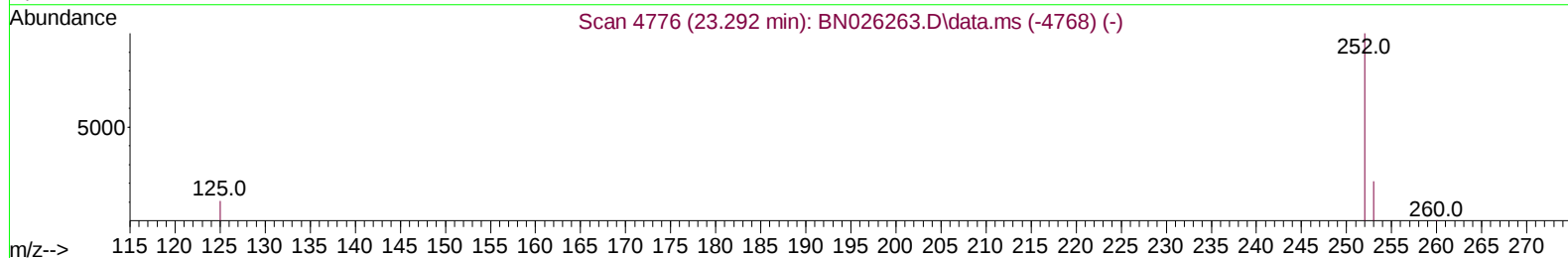
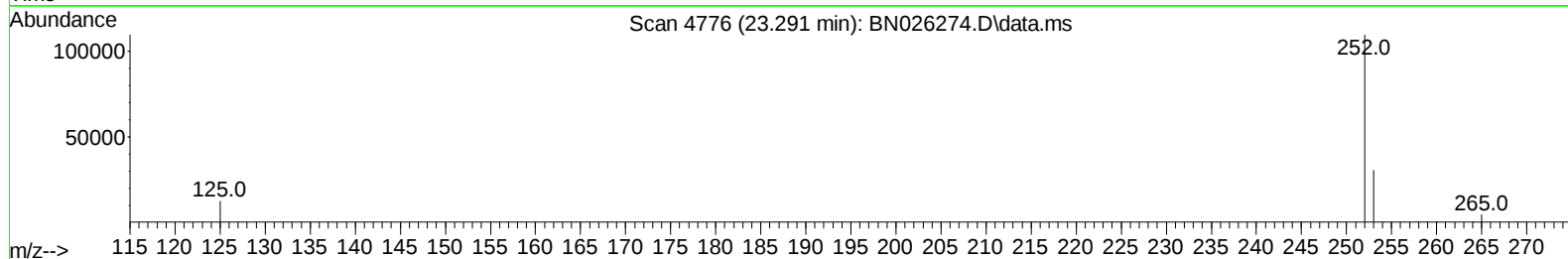
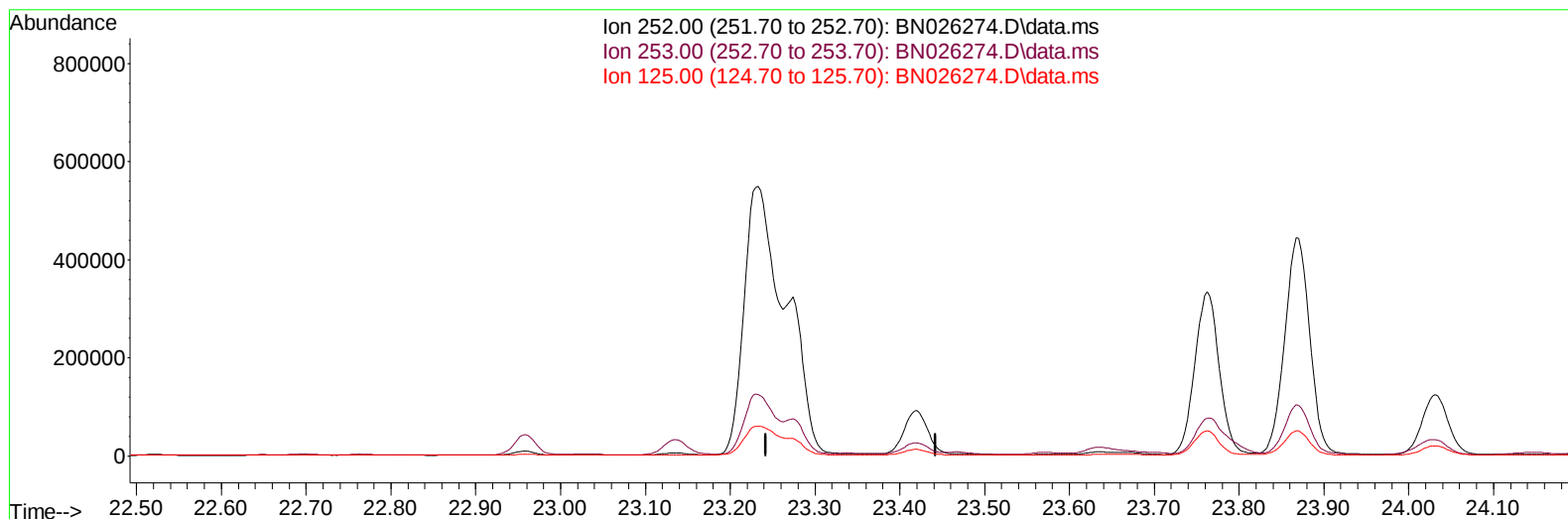
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
 Data File : BN026274.D  
 Acq On : 04 Jul 2023 22:19  
 Operator : MA/JU  
 Sample : 03244-08DL 5X  
 Misc :  
 ALS Vial : 132 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCGE7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 05 00:09:28 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 05 00:03:30 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023  
 Supervised By :mohammad ahmed 07/05/2023



TIC: BN026274.D\data.ms

**(25) Benzo(k)fluoranthene**

23.292min (-23.292) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 29.00  | 0.00# |
| 125.00 | 18.70  | 0.00# |
| 0.00   | 0.00   | 0.00  |

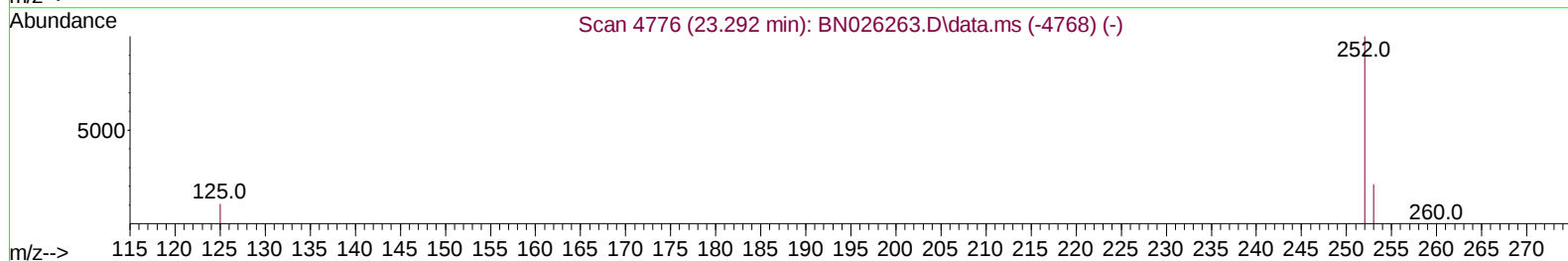
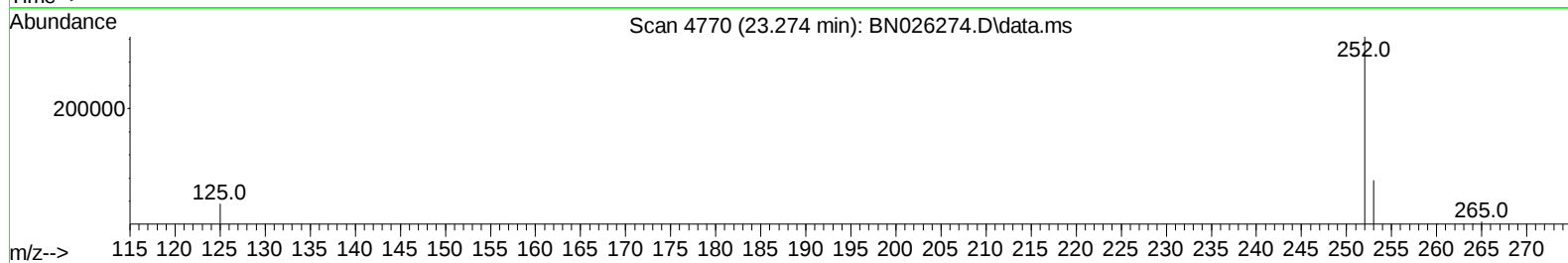
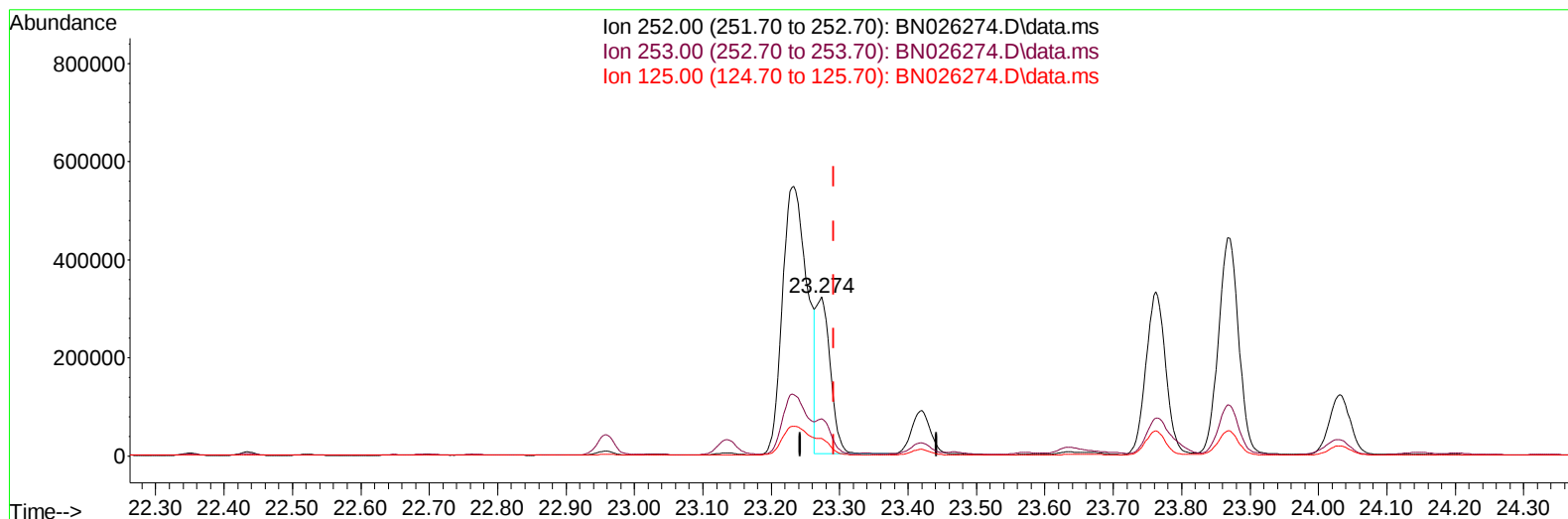
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
 Data File : BN026274.D  
 Acq On : 04 Jul 2023 22:19  
 Operator : MA/JU  
 Sample : 03244-08DL 5X  
 Misc :  
 ALS Vial : 132 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCGE7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 05 00:09:28 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 05 00:03:30 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023  
 Supervised By :mohammad ahmed 07/05/2023



TIC: BN026274.D\data.ms

(25) Benzo(k)fluoranthene

23.274min (-0.018) 4.44 ng/u1 m

response 472503

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 29.00  | 23.58  |
| 125.00 | 18.70  | 10.86# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
 Data File : BN026274.D  
 Acq On : 04 Jul 2023 22:19  
 Operator : MA/JU  
 Sample : 03244-08DL 5X  
 Misc :  
 ALS Vial : 132 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCGE7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 05 00:09:28 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 05 00:03:30 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023  
 Supervised By :mohammad ahmed 07/05/2023

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.942  | 152  | 11740    | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.754 | 136  | 35631    | 0.400  | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.584 | 164  | 19547    | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.334 | 188  | 34420    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.526 | 240  | 19663    | 0.400  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.979 | 264  | 24822    | 0.400  | ng/ul  | -0.02    |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.314  | 96   | 8673     | 0.656  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.343 | 152  | 2610     | 0.048  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.363 | 212  | 4045     | 0.054  | ng/ul  | -0.01    |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        |        | Qvalue   |
| 5) Naphthalene              | 10.803 | 128  | 215924   | 2.114  | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.415 | 142  | 62242    | 0.957  | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.635 | 142  | 41250    | 0.612  | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.307 | 152  | 22448    | 0.245  | ng/ul# | 96       |
| 11) Acenaphthene            | 14.649 | 153  | 169048   | 2.258  | ng/ul  | 99       |
| 12) Fluorene                | 15.634 | 166  | 195492   | 2.277  | ng/ul  | 99       |
| 15) Phenanthrene            | 17.376 | 178  | 2229748  | 19.612 | ng/ul  | 99       |
| 16) Anthracene              | 17.469 | 178  | 474310   | 4.694  | ng/ul  | 100      |
| 19) Fluoranthene            | 19.396 | 202  | 2800686  | 26.667 | ng/ul  | 96       |
| 20) Pyrene                  | 19.759 | 202  | 2104523  | 19.266 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.511 | 228  | 1086397  | 13.393 | ng/ul  | 99       |
| 22) Chrysene                | 21.564 | 228  | 1015840  | 12.036 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.233 | 252  | 1376325m | 12.991 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.274 | 252  | 472503m  | 4.441  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.867 | 252  | 905646   | 9.842  | ng/ul# | 82       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.537 | 276  | 624148   | 6.210  | ng/ul# | 86       |
| 28) Dibenzo(a,h)anthracene  | 26.544 | 278  | 163992   | 2.156  | ng/ul  | 92       |
| 29) Benzo(g,h,i)perylene    | 27.332 | 276  | 556337   | 6.223  | ng/ul# | 93       |
| -----                       |        |      |          |        |        |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
Data File : BN026274.D  
Acq On : 04 Jul 2023 22:19  
Operator : MA/JU  
Sample : 03244-08DL 5X  
Misc :  
ALS Vial : 132 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DCGE7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 05 00:09:28 2023  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jul 05 00:03:30 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/05/2023  
Supervised By :mohammad ahmed 07/05/2023

