

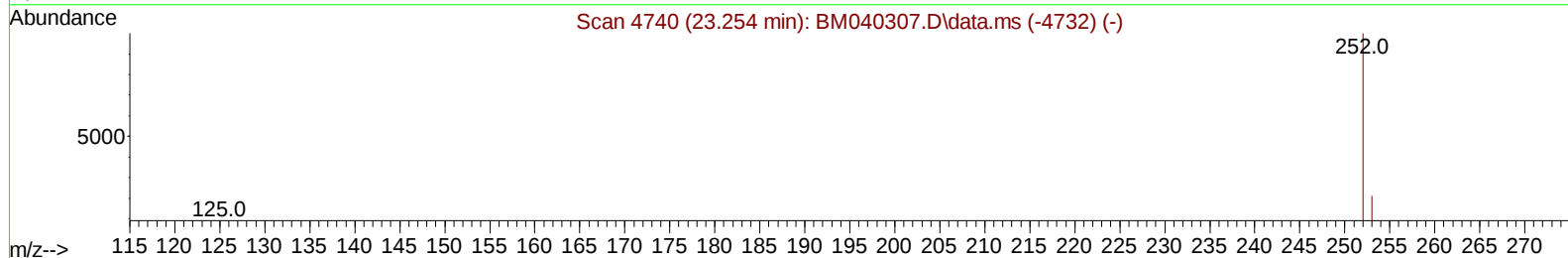
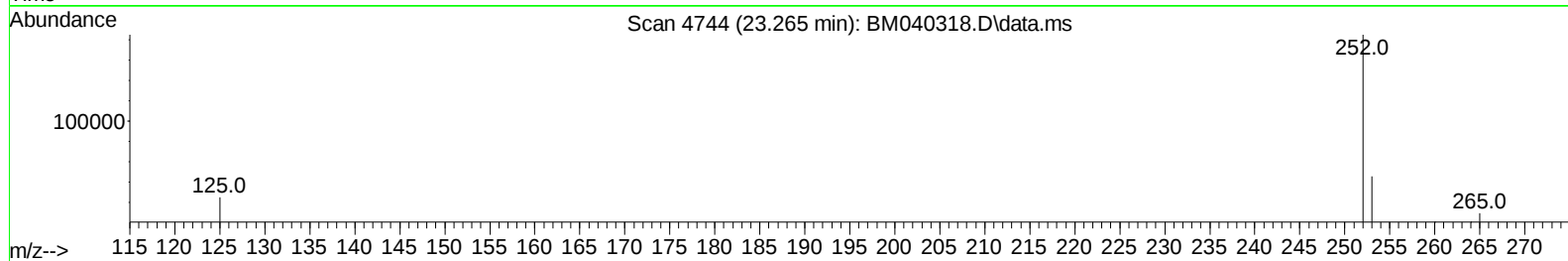
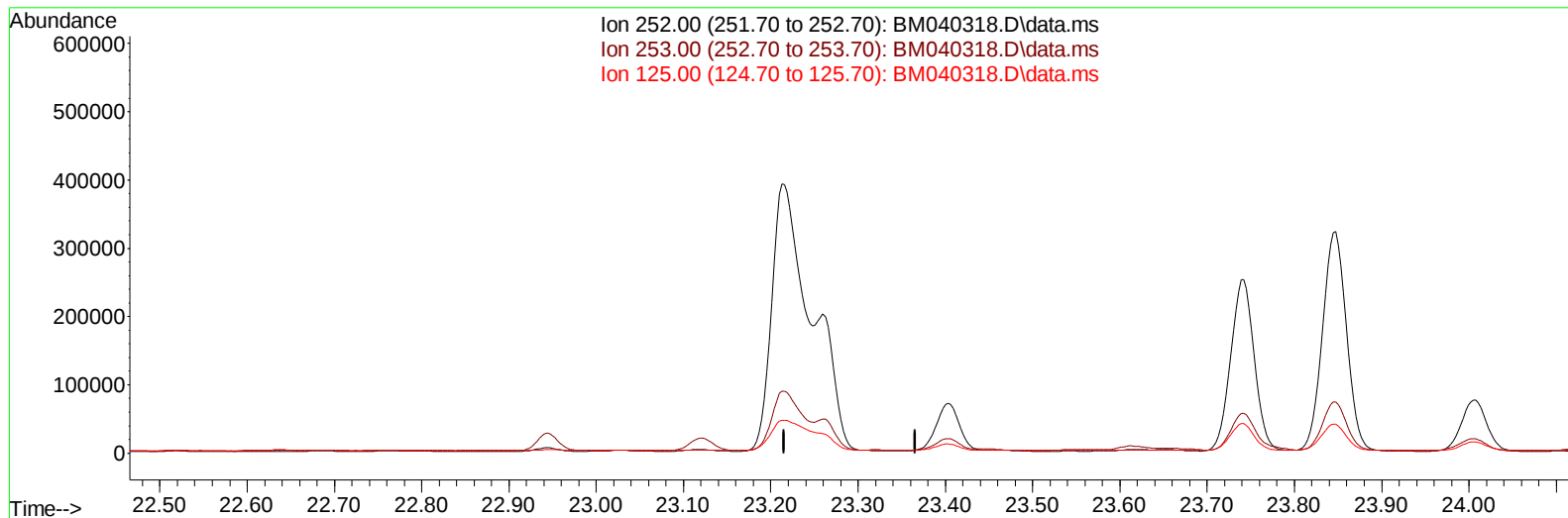
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061923\  
Data File : BM040318.D  
Acq On : 19 Jun 2023 17:21  
Operator : MA/JU  
Sample : 03080-02DL 5X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCFH1DL

Manual IntegrationsAPPROVED

Quant Time: Jun 20 00:13:58 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM061423.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 15 00:31:16 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/21/2023  
Supervised By :mohammad ahmed 06/21/2023



TIC: BM040318.D\data.ms

(25) Benzo(k)fluoranthene

23.266min (-23.266) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 26.90  | 0.00# |
| 125.00 | 18.40  | 0.00# |
| 0.00   | 0.00   | 0.00  |

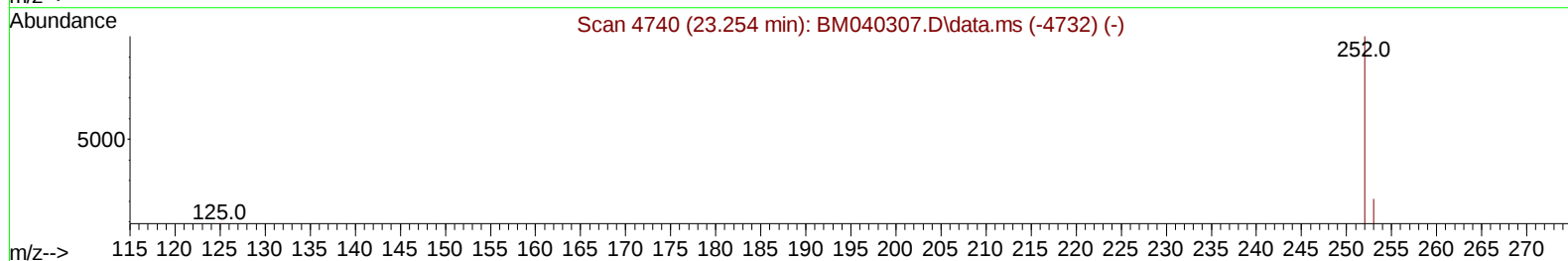
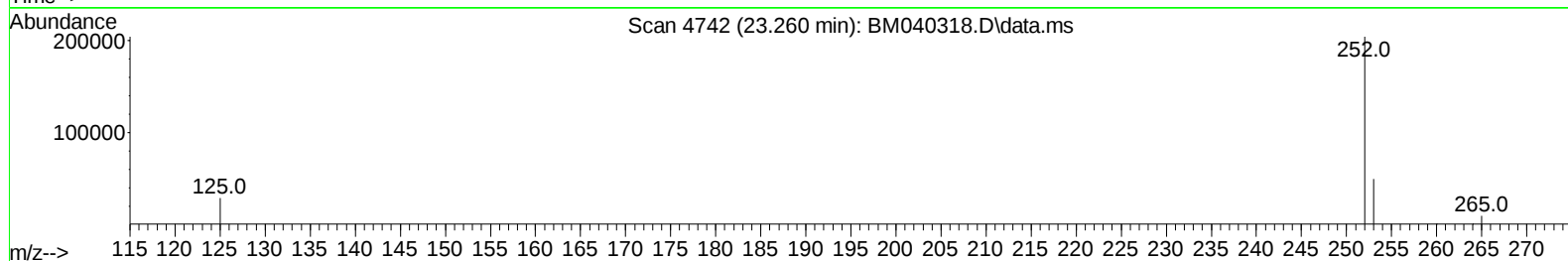
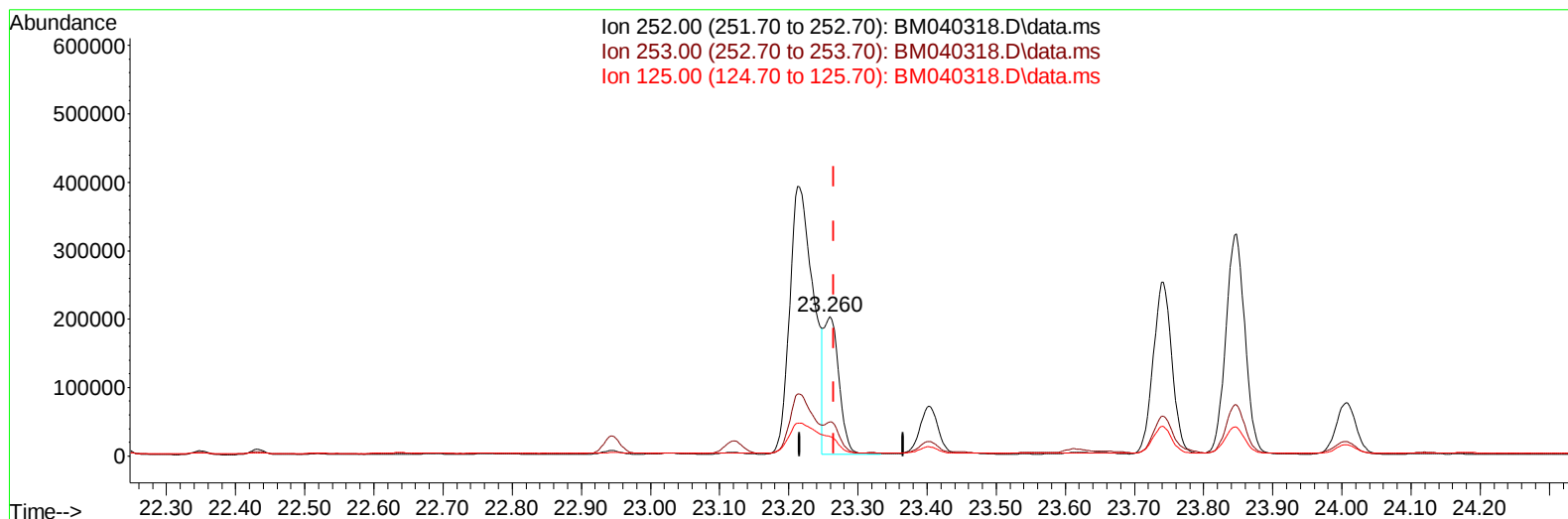
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061923\  
 Data File : BM040318.D  
 Acq On : 19 Jun 2023 17:21  
 Operator : MA/JU  
 Sample : 03080-02DL 5X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCFH1DL

Manual IntegrationsAPPROVED

Quant Time: Jun 20 00:13:58 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM061423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 15 00:31:16 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/21/2023  
 Supervised By :mohammad ahmed 06/21/2023



TIC: BM040318.D\data.ms

(25) Benzo(k)fluoranthene

23.260min (-0.006) 2.83 ng/u1 m

response 303400

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.90  | 24.32  |
| 125.00 | 18.40  | 14.08# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061923\  
 Data File : BM040318.D  
 Acq On : 19 Jun 2023 17:21  
 Operator : MA/JU  
 Sample : 03080-02DL 5X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCFH1DL

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/21/2023  
 Supervised By :mohammad ahmed 06/21/2023

Quant Time: Jun 20 00:13:58 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM061423.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 15 00:31:16 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.970  | 152  | 9167     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.778 | 136  | 35067    | 0.400  | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.605 | 164  | 18843    | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.353 | 188  | 37739    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.529 | 240  | 28638    | 0.400  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.955 | 264  | 30849    | 0.400  | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.346  | 96   | 5202     | 0.460  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.367 | 152  | 1621     | 0.036  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.375 | 212  | 3394     | 0.048  | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        |        | Qvalue   |
| 5) Naphthalene              | 10.828 | 128  | 27706    | 0.333  | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.439 | 142  | 16133    | 0.312  | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.659 | 142  | 19823    | 0.367  | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.327 | 152  | 111574   | 1.693  | ng/ul  | 99       |
| 11) Acenaphthene            | 14.670 | 153  | 21968    | 0.389  | ng/ul  | 100      |
| 12) Fluorene                | 15.655 | 166  | 35556    | 0.565  | ng/ul  | 99       |
| 15) Phenanthrene            | 17.391 | 178  | 930207   | 9.374  | ng/ul  | 99       |
| 16) Anthracene              | 17.484 | 178  | 147805   | 1.758  | ng/ul  | 99       |
| 19) Fluoranthene            | 19.407 | 202  | 1697076  | 17.397 | ng/ul  | 96       |
| 20) Pyrene                  | 19.770 | 202  | 1622563  | 16.009 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.512 | 228  | 707566   | 8.371  | ng/ul  | 98       |
| 22) Chrysene                | 21.564 | 228  | 744175   | 8.334  | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.213 | 252  | 937442   | 8.243  | ng/ul  | 90       |
| 25) Benzo(k)fluoranthene    | 23.260 | 252  | 303400m  | 2.833  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.847 | 252  | 621022   | 6.655  | ng/ul# | 83       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.471 | 276  | 451840   | 3.825  | ng/ul# | 88       |
| 28) Dibenzo(a,h)anthracene  | 26.481 | 278  | 118533   | 1.250  | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 27.252 | 276  | 425148   | 4.309  | ng/ul  | 97       |
| -----                       |        |      |          |        |        |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061923\  
Data File : BM040318.D  
Acq On : 19 Jun 2023 17:21  
Operator : MA/JU  
Sample : 03080-02DL 5X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCFH1DL

Manual IntegrationsAPPROVED

Quant Time: Jun 20 00:13:58 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM061423.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 15 00:31:16 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/21/2023  
Supervised By :mohammad ahmed 06/21/2023

