

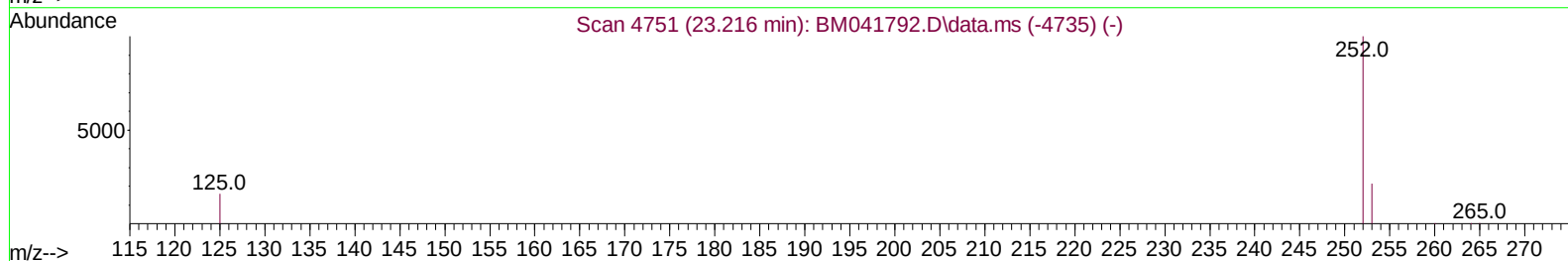
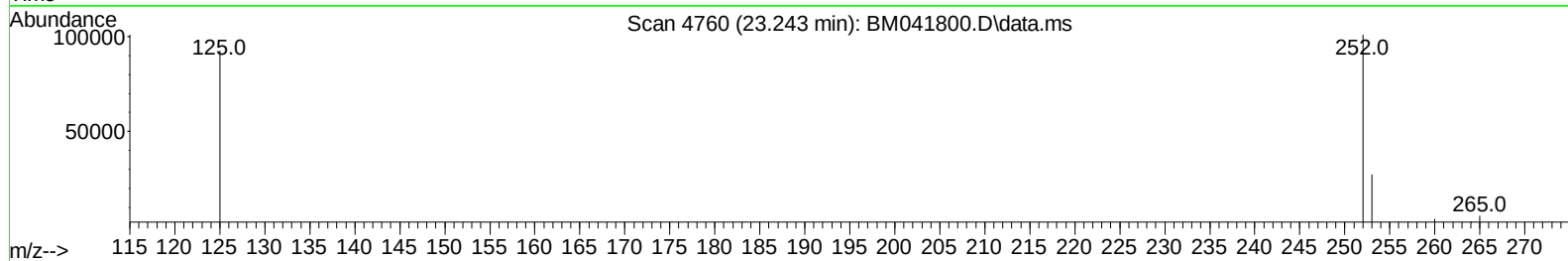
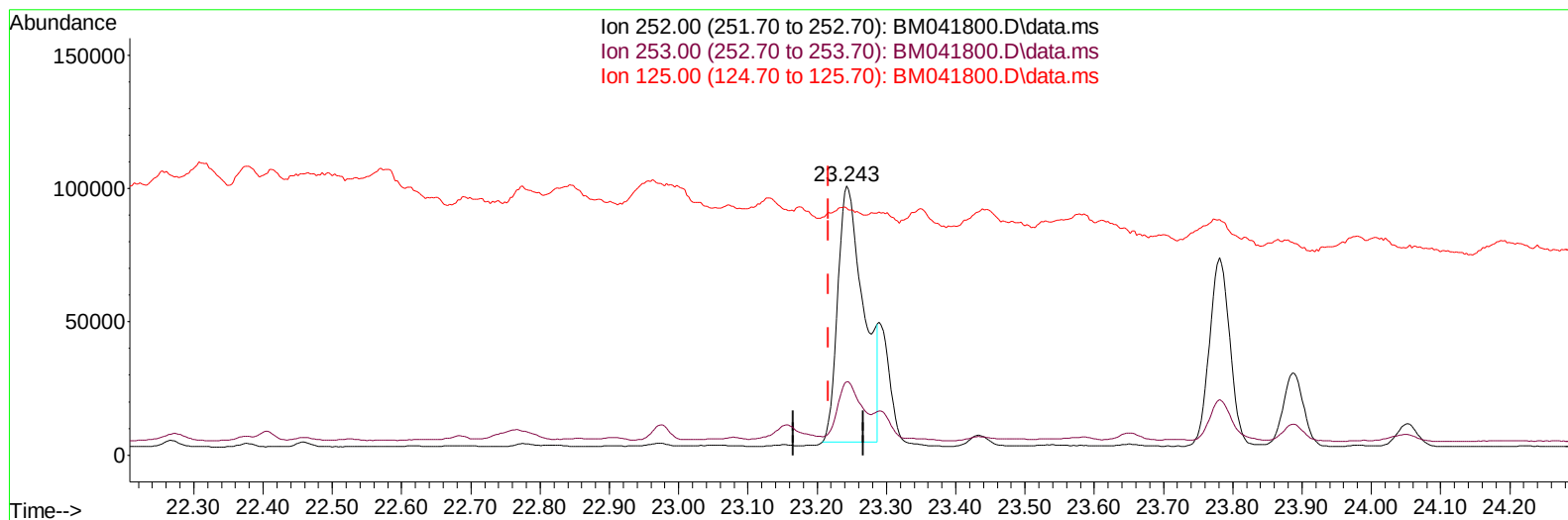
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM091123\  
 Data File : BM041800.D  
 Acq On : 12 Sep 2023 04:48  
 Operator : MA/JU  
 Sample : 04235-11  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EZYW8

Manual IntegrationsAPPROVED

Quant Time: Sep 12 05:55:17 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM090523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 04:50:34 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/12/2023  
 Supervised By :mohammad ahmed 09/13/2023



TIC: BM041800.D\data.ms

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

23.243min (+ 0.026) 2.57 ng/u1

response 248519

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.20  | 27.27  |
| 125.00 | 21.40  | 91.89# |
| 0.00   | 0.00   | 0.00   |

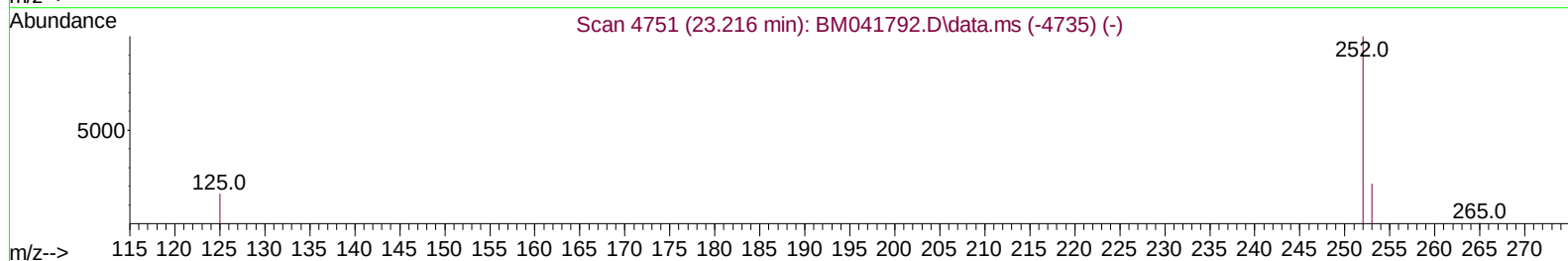
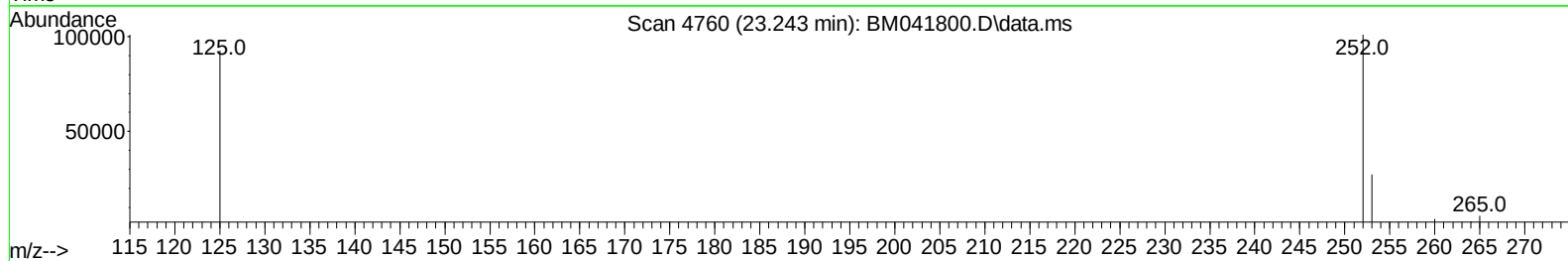
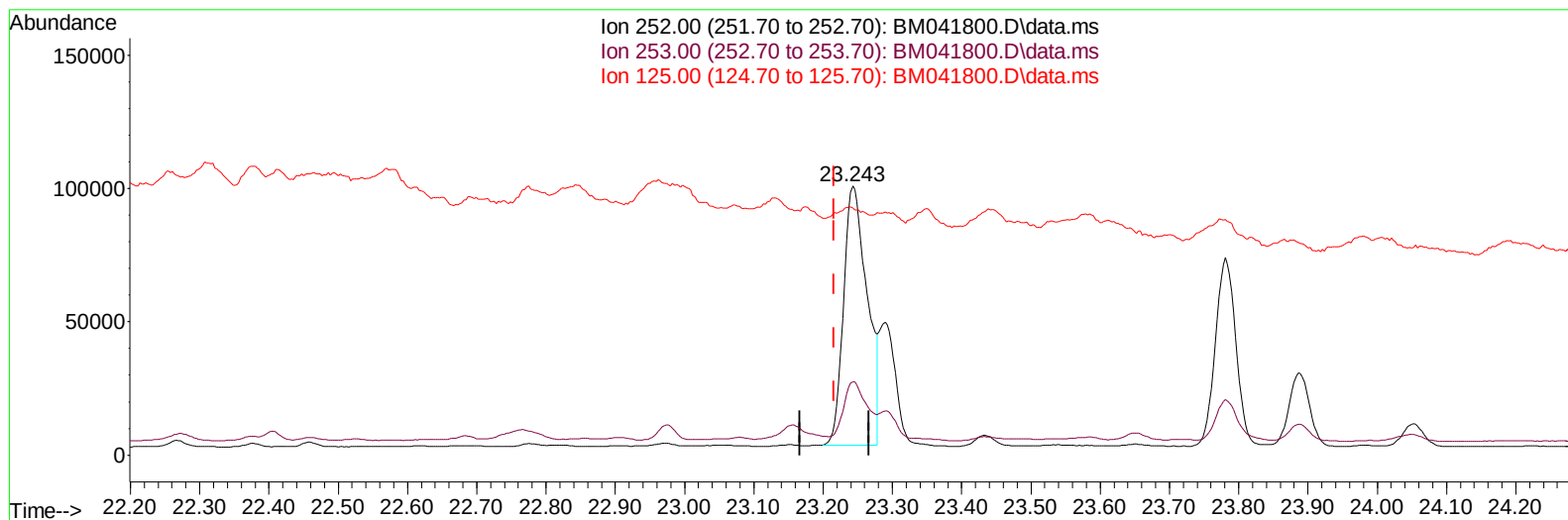
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM091123\  
 Data File : BM041800.D  
 Acq On : 12 Sep 2023 04:48  
 Operator : MA/JU  
 Sample : 04235-11  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EZYW8

Manual IntegrationsAPPROVED

Quant Time: Sep 12 05:55:17 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM090523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 04:50:34 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/12/2023  
 Supervised By :mohammad ahmed 09/13/2023



TIC: BM041800.D\data.ms

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

23.243min (+ 0.026) 2.39 ng/ul m

response 231338

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.20  | 27.27  |
| 125.00 | 21.40  | 91.89# |
| 0.00   | 0.00   | 0.00   |

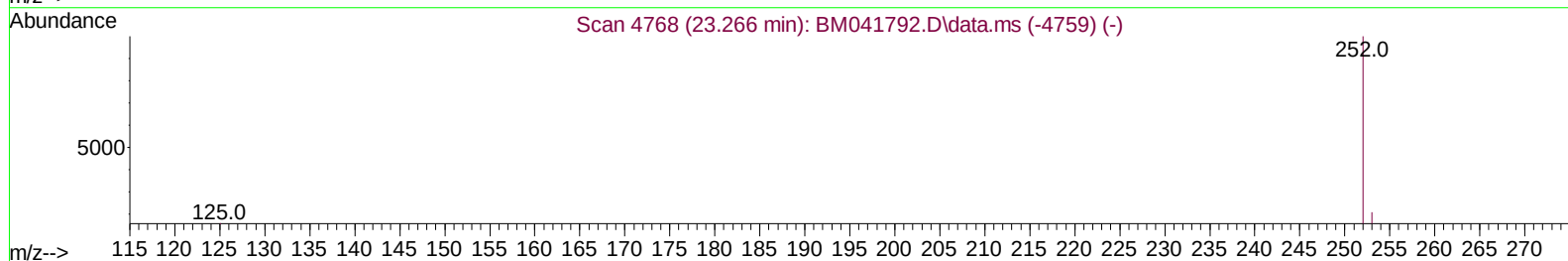
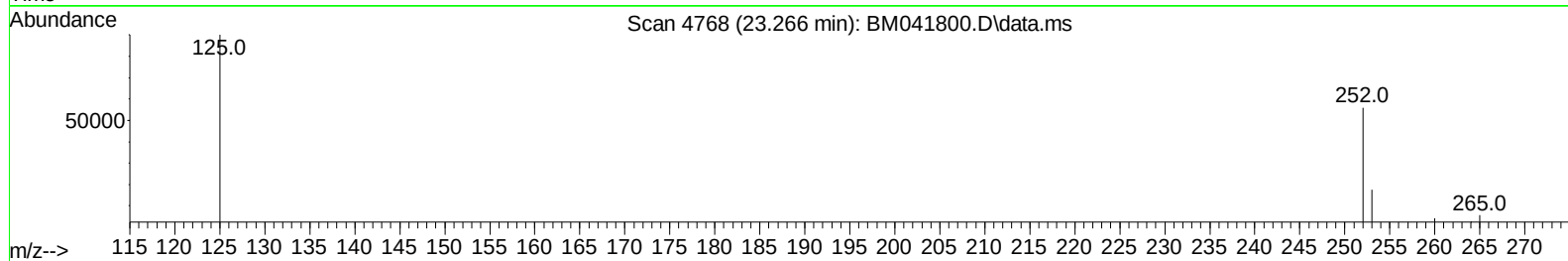
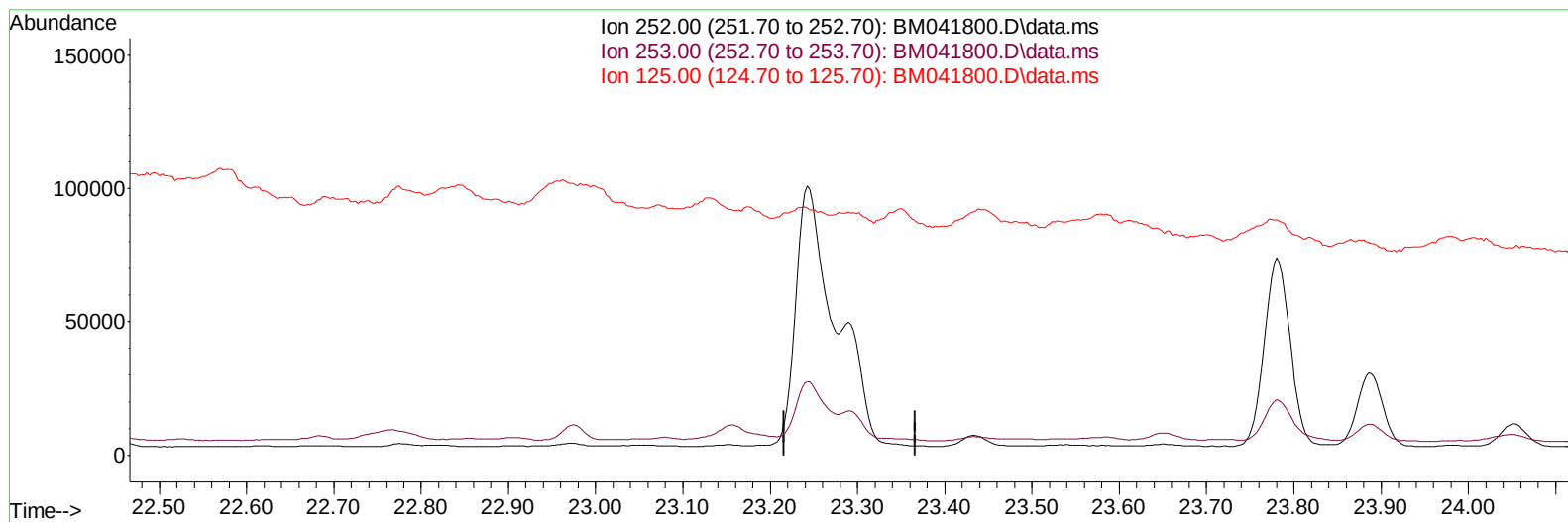
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM091123\  
Data File : BM041800.D  
Acq On : 12 Sep 2023 04:48  
Operator : MA/JU  
Sample : 04235-11  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EZYW8

Manual IntegrationsAPPROVED

Quant Time: Sep 12 05:55:17 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM090523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Sep 12 04:50:34 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023



TIC: BM041800.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 | 26.60  | 0.00# |
| 125.00 | 21.70  | 0.00# |
| 0.00   | 0.00   | 0.00  |

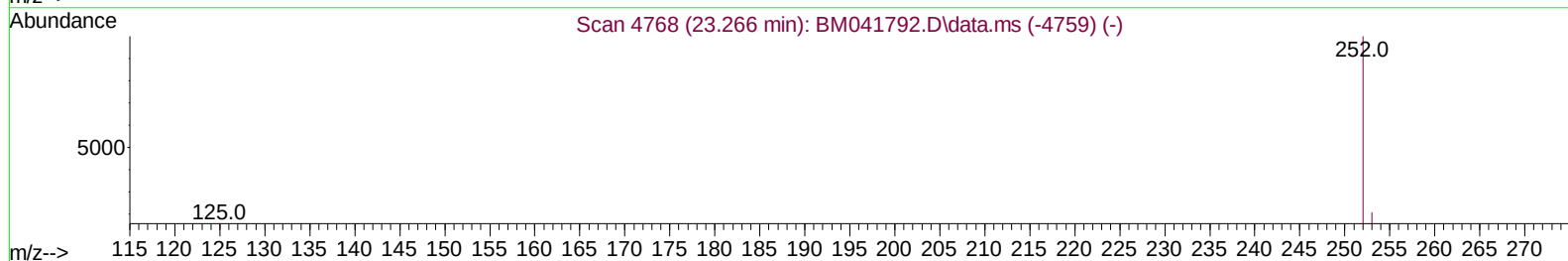
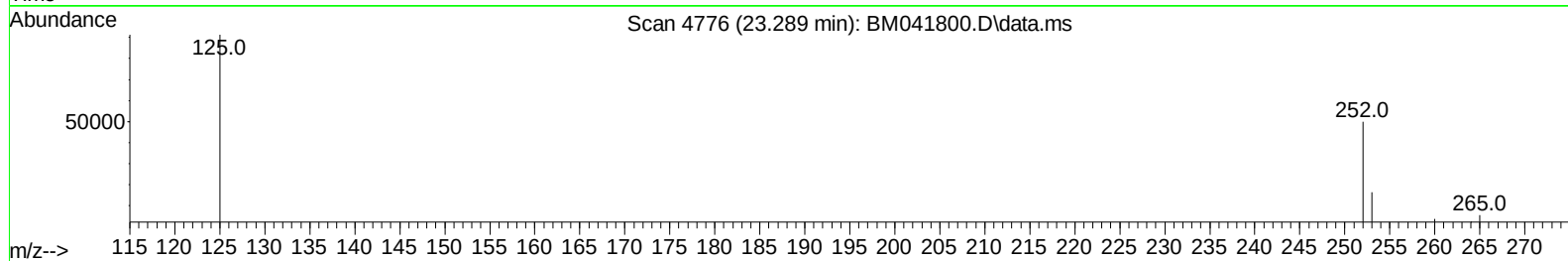
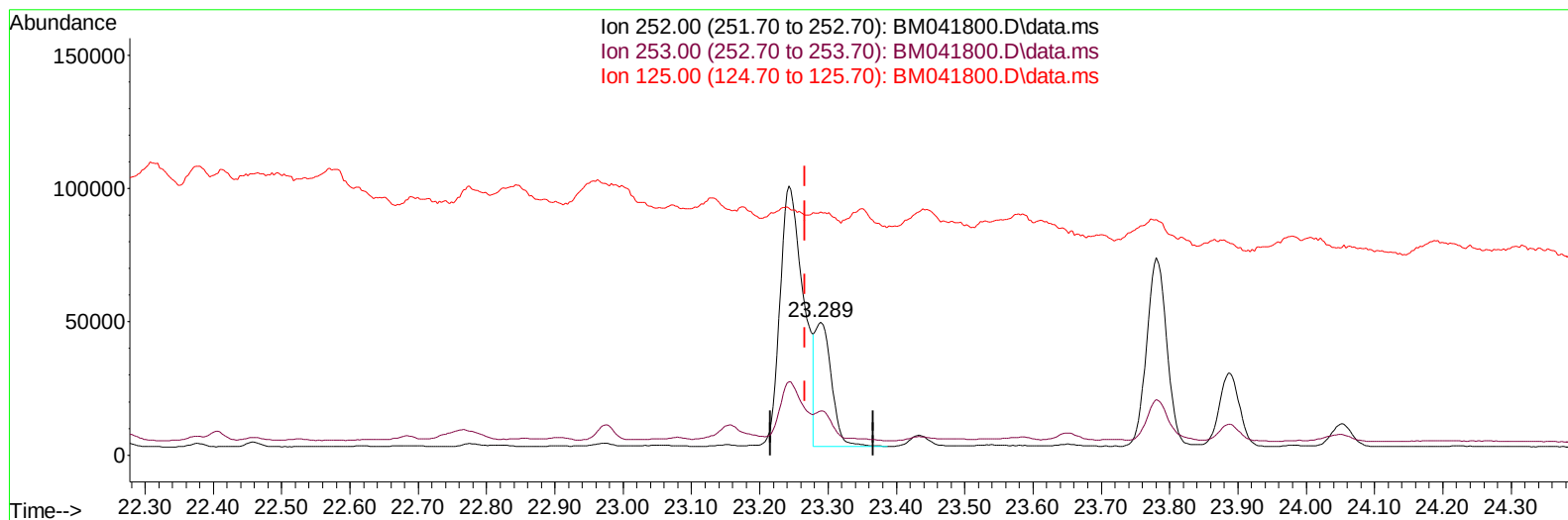
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM091123\  
Data File : BM041800.D  
Acq On : 12 Sep 2023 04:48  
Operator : MA/JU  
Sample : 04235-11  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EZYW8

Manual IntegrationsAPPROVED

Quant Time: Sep 12 05:55:17 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM090523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Sep 12 04:50:34 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023



TIC: BM041800.D\data.ms

(25) Benzo(k)fluoranthene

23.289min (+ 0.023) 0.83 ng/ul m

response 78225

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 252.00 | 100.00 | 100.00  |
| 253.00 | 26.60  | 33.14#  |
| 125.00 | 21.70  | 182.99# |
| 0.00   | 0.00   | 0.00    |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM091123\  
 Data File : BM041800.D  
 Acq On : 12 Sep 2023 04:48  
 Operator : MA/JU  
 Sample : 04235-11  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EZYW8

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/12/2023  
 Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 12 05:55:17 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM090523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 04:50:34 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.979  | 152  | 7566     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.795 | 136  | 16993    | 0.400  | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.624 | 164  | 7644     | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.375 | 188  | 14283    | 0.400  | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.553 | 240  | 9058     | 0.400  | ng/ul  | # 0.01   |
| 23) Perylene-d12            | 23.997 | 264  | 10811    | 0.400  | ng/ul  | # 0.03   |
|                             |        |      |          |        |        |          |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.389  | 96   | 12338    | 1.067  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.379 | 152  | 2808     | 0.128  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.399 | 212  | 2918     | 0.066  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| Target Compounds            |        |      |          | Qvalue |        |          |
| 5) Naphthalene              | 10.845 | 128  | 37602    | 0.674  | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.451 | 142  | 188386   | 5.947  | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.671 | 142  | 185255   | 5.820  | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.342 | 152  | 10984    | 0.233  | ng/ul# | 1        |
| 11) Acenaphthene            | 14.698 | 153  | 13215    | 0.360  | ng/ul# | 44       |
| 15) Phenanthrene            | 17.417 | 178  | 340285   | 5.642  | ng/ul  | 99       |
| 16) Anthracene              | 17.510 | 178  | 13168    | 0.255  | ng/ul# | 57       |
| 19) Fluoranthene            | 19.427 | 202  | 422751   | 3.954  | ng/ul  | 99       |
| 20) Pyrene                  | 19.794 | 202  | 312361   | 2.942  | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.536 | 228  | 75632    | 1.024  | ng/ul# | 87       |
| 22) Chrysene                | 21.591 | 228  | 206071   | 2.586  | ng/ul# | 94       |
| 24) Benzo(b)fluoranthene    | 23.243 | 252  | 231338m  | 2.391  | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.289 | 252  | 78225m   | 0.826  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.886 | 252  | 56927    | 0.724  | ng/ul# | 1        |
| 27) Indeno(1,2,3-cd)pyrene  | 26.525 | 276  | 111467   | 1.034  | ng/ul# | 84       |
| 28) Dibenzo(a,h)anthracene  | 26.538 | 278  | 29382    | 0.389  | ng/ul# | 1        |
| 29) Benzo(g,h,i)perylene    | 27.316 | 276  | 124712   | 1.305  | ng/ul# | 77       |
| -----                       |        |      |          |        |        |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM091123\  
Data File : BM041800.D  
Acq On : 12 Sep 2023 04:48  
Operator : MA/JU  
Sample : 04235-11  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EZYW8

## Manual IntegrationsAPPROVED

Quant Time: Sep 12 05:55:17 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM090523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Sep 12 04:50:34 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023

