

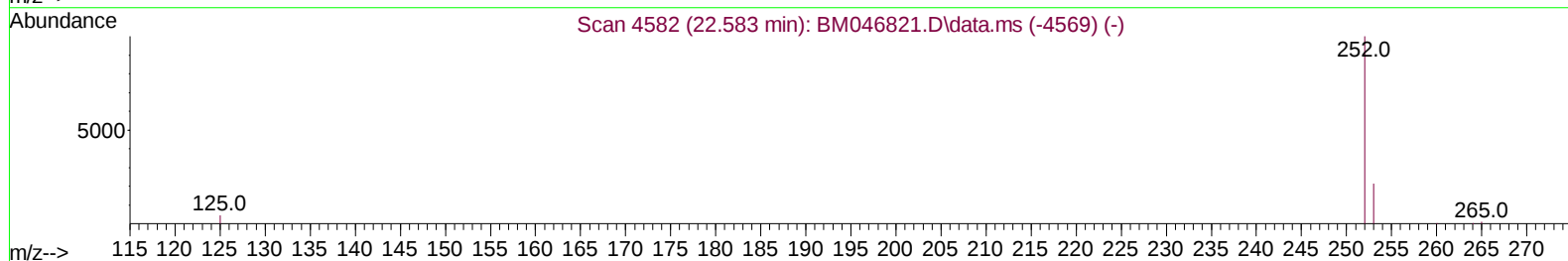
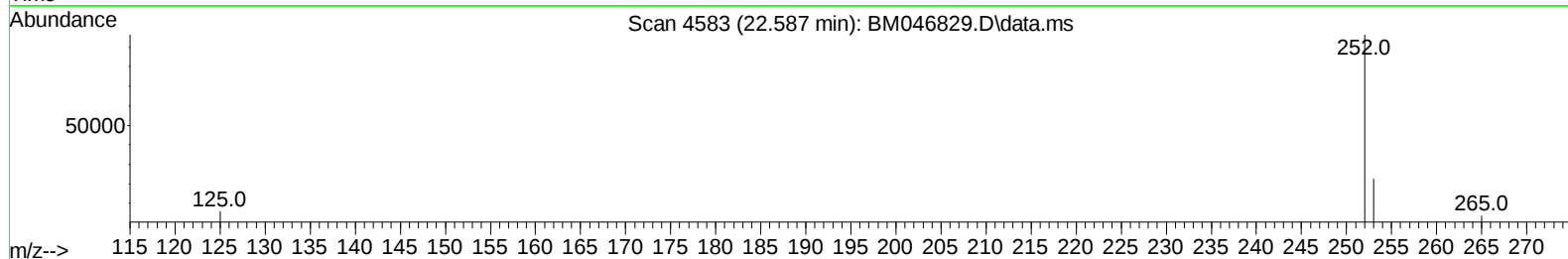
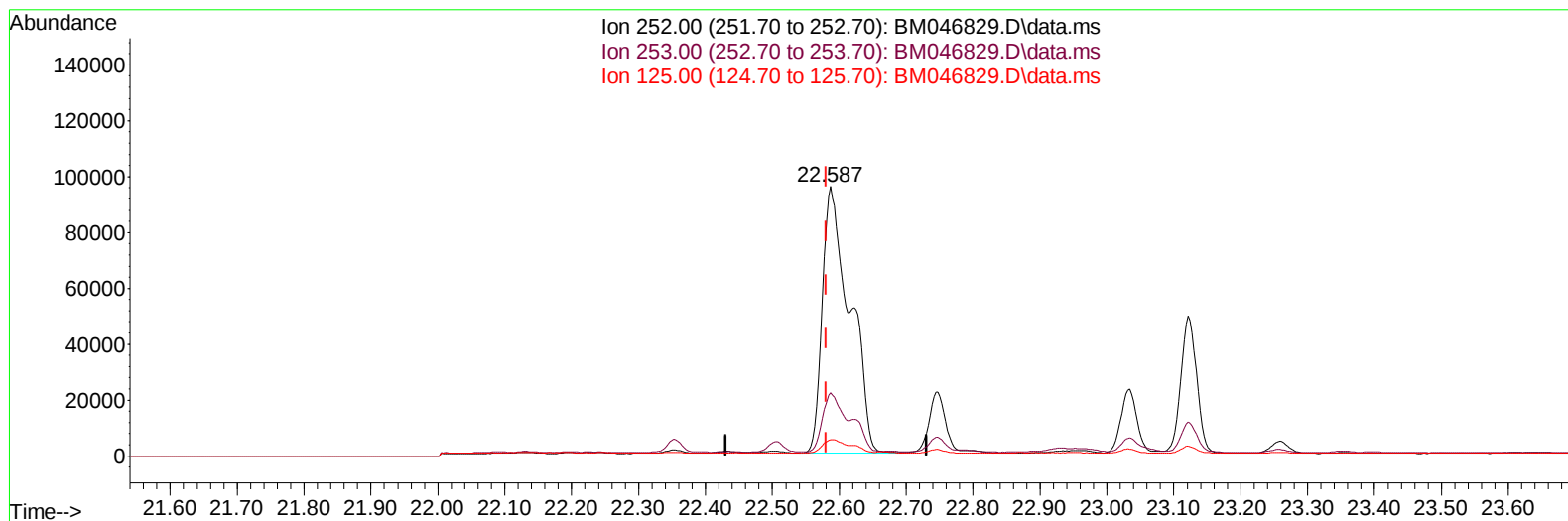
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072624\  
Data File : BM046829.D  
Acq On : 26 Jul 2024 14:07  
Operator : MA/JU  
Sample : P3264-08  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BD8

Manual IntegrationsAPPROVED

Quant Time: Jul 26 15:12:16 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM072424.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jul 24 15:10:37 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/27/2024  
Supervised By :mohammad ahmed 08/05/2024



TIC: BM046829.D\data.ms

(24) Benzo(b)fluoranthene

22.587min (+ 0.006) 8.50 ng/u1

response 271402

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.20  | 23.41  |
| 125.00 | 7.90   | 6.05   |
| 0.00   | 0.00   | 0.00   |

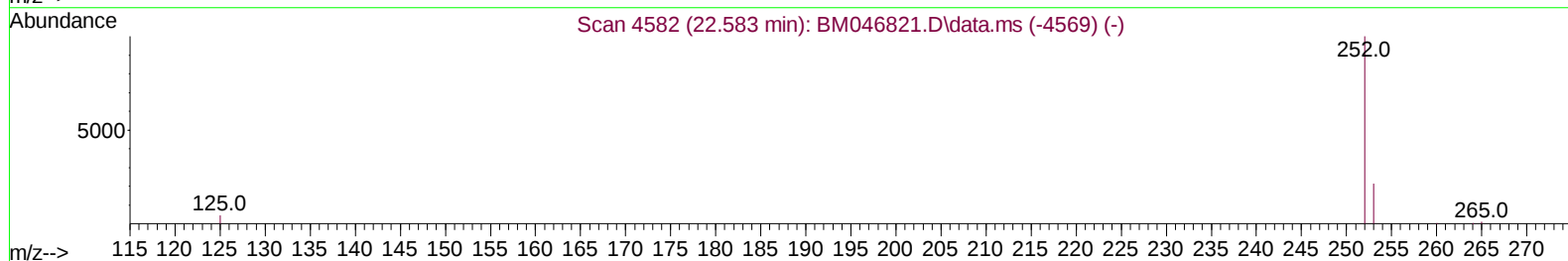
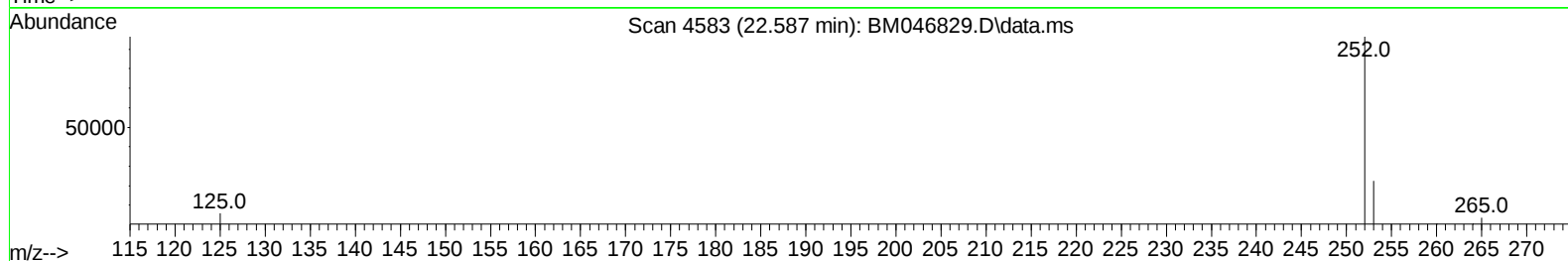
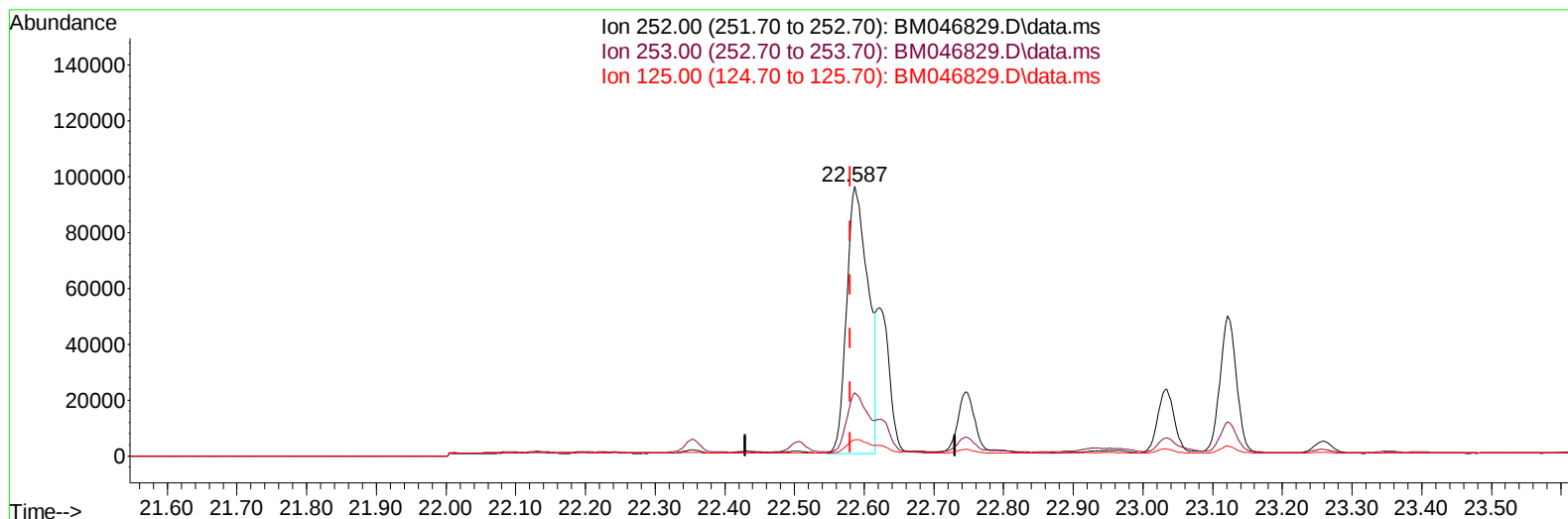
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072624\  
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BNA\_M  
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TIC: BM046829.D\data.ms

(24) Benzo(b)fluoranthene

22.587min (+ 0.006) 6.49 ng/u1 m

response 207202

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.20  | 23.41  |
| 125.00 | 7.90   | 6.05   |
| 0.00   | 0.00   | 0.00   |

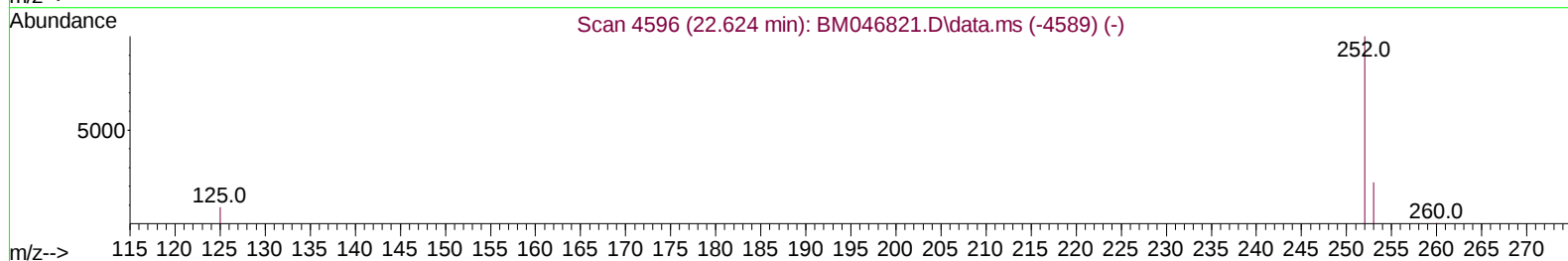
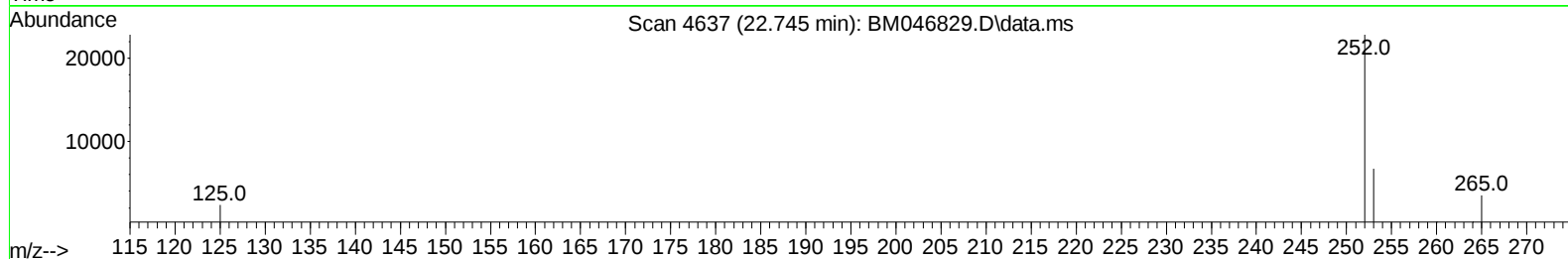
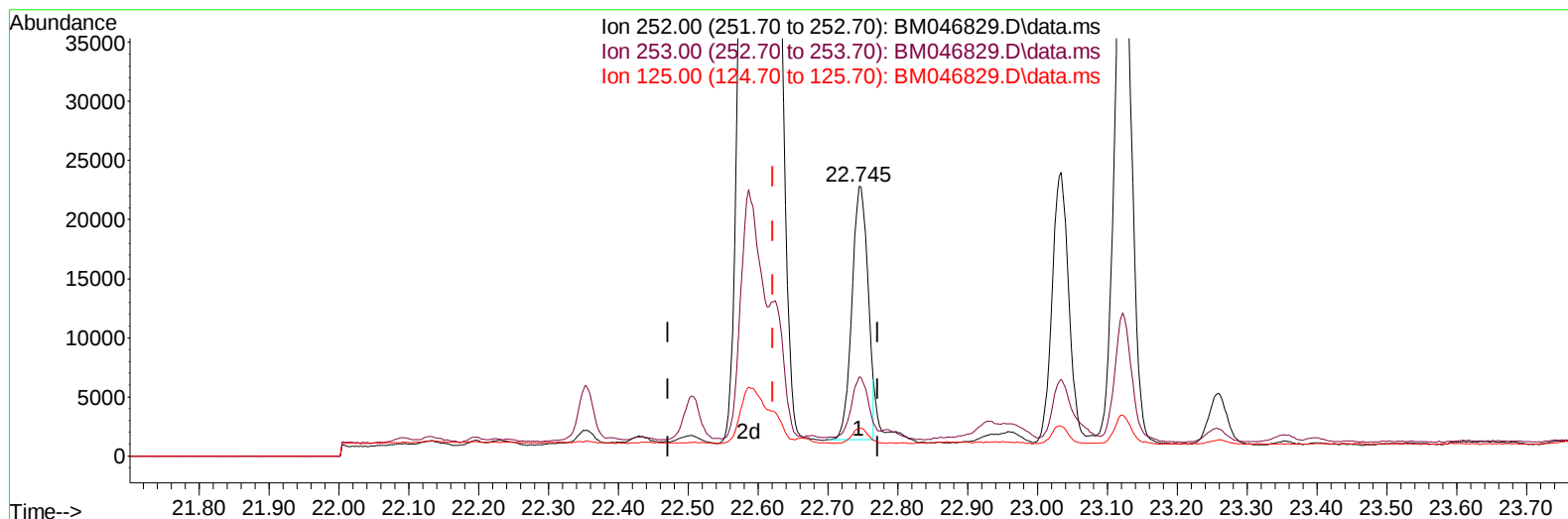
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072624\  
Data File : BM046829.D  
Acq On : 26 Jul 2024 14:07  
Operator : MA/JU  
Sample : P3264-08  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BD8

Manual IntegrationsAPPROVED

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TIC: BM046829.D\data.ms

(25) Benzo(k)fluoranthene

22.745min (+ 0.123) 1.06 ng/u1

response 34236

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 29.40  | 29.33  |
| 125.00 | 10.80  | 10.18  |
| 0.00   | 0.00   | 0.00   |

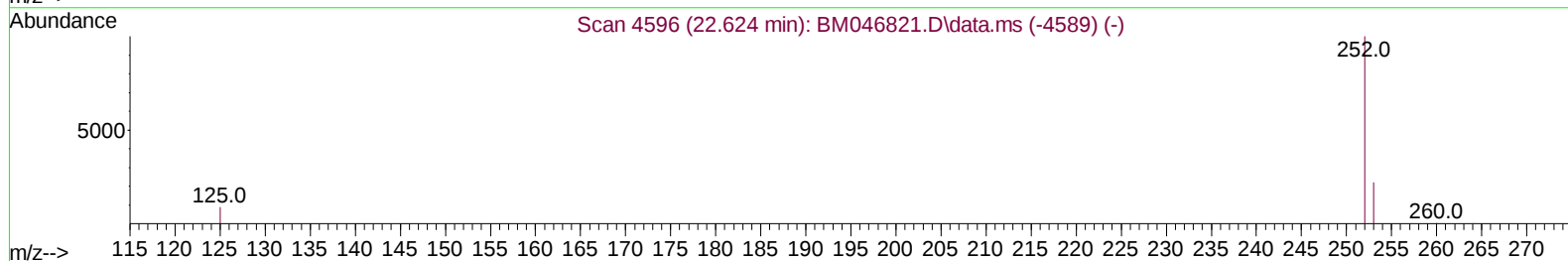
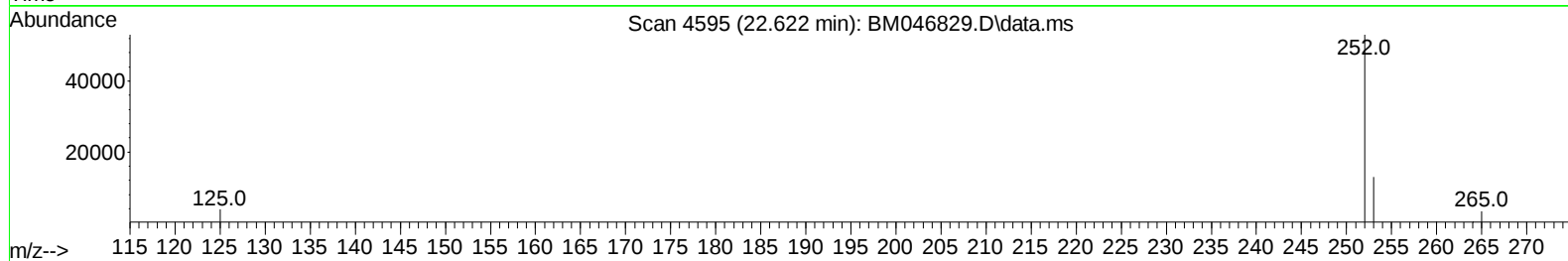
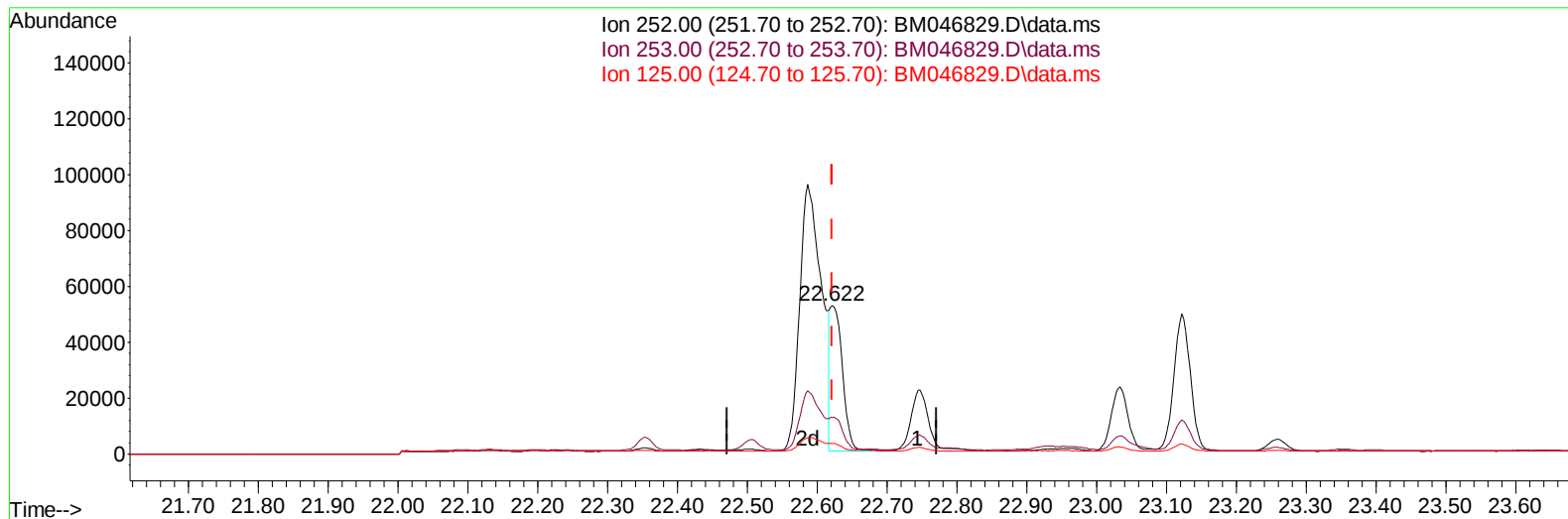
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072624\  
Data File : BM046829.D  
Acq On : 26 Jul 2024 14:07  
Operator : MA/JU  
Sample : P3264-08  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BD8

Manual IntegrationsAPPROVED

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TIC: BM046829.D\data.ms

(25) Benzo(k)fluoranthene

22.622min (+ 0.000) 2.03 ng/u1 m

response 65331

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 29.40  | 24.56  |
| 125.00 | 10.80  | 7.13#  |
| 0.00   | 0.00   | 0.00   |

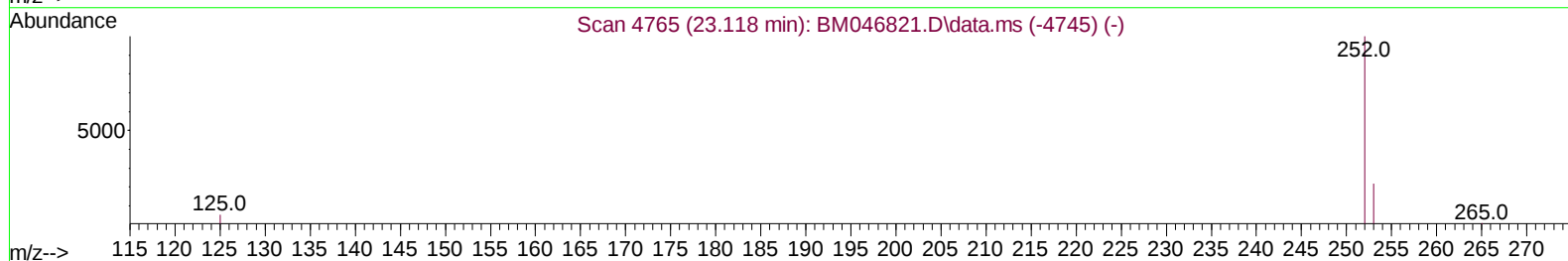
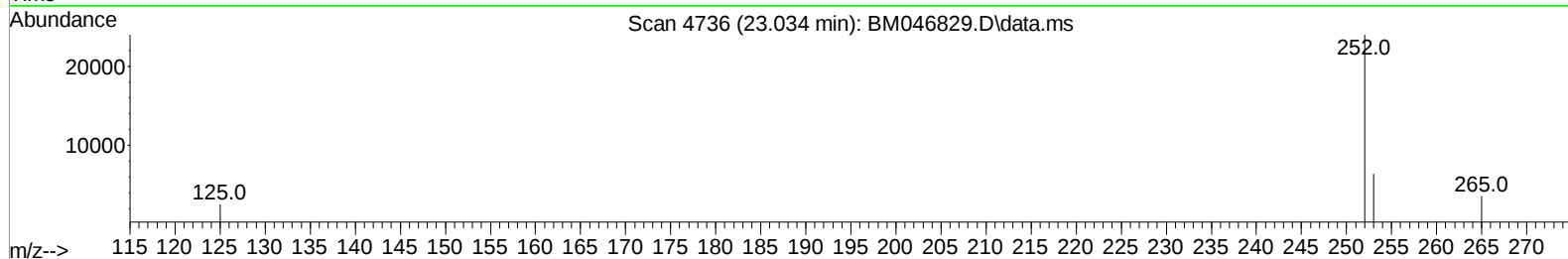
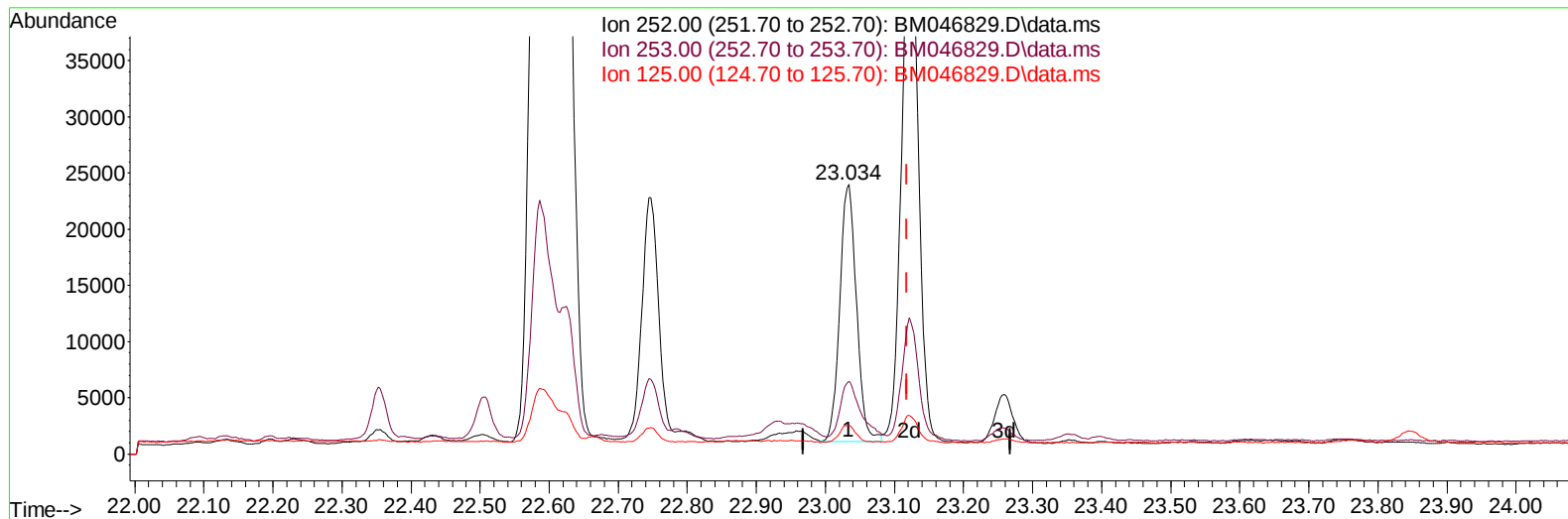
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072624\  
Data File : BM046829.D  
Acq On : 26 Jul 2024 14:07  
Operator : MA/JU  
Sample : P3264-08  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BD8

Manual IntegrationsAPPROVED

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TIC: BM046829.D\data.ms

(26) Benzo(a)pyrene (C)

23.034min (-0.084) 1.67 ng/u1

response 38294

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 32.50  | 26.93  |
| 125.00 | 9.80   | 10.55  |
| 0.00   | 0.00   | 0.00   |

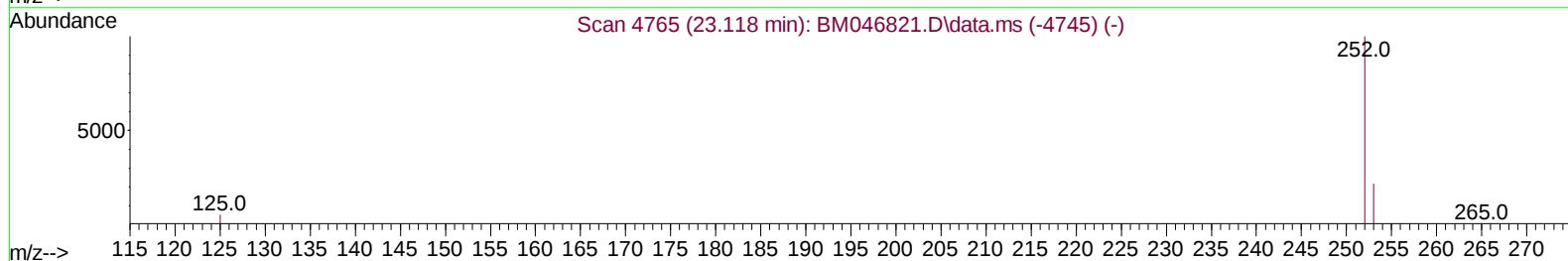
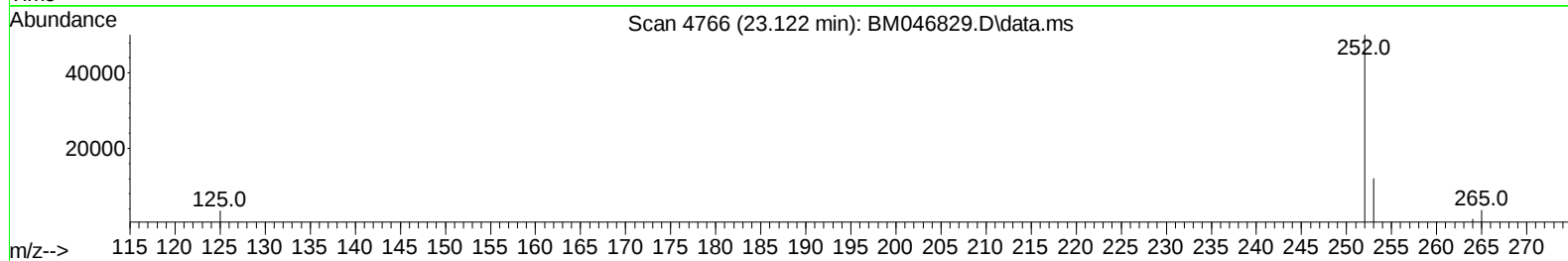
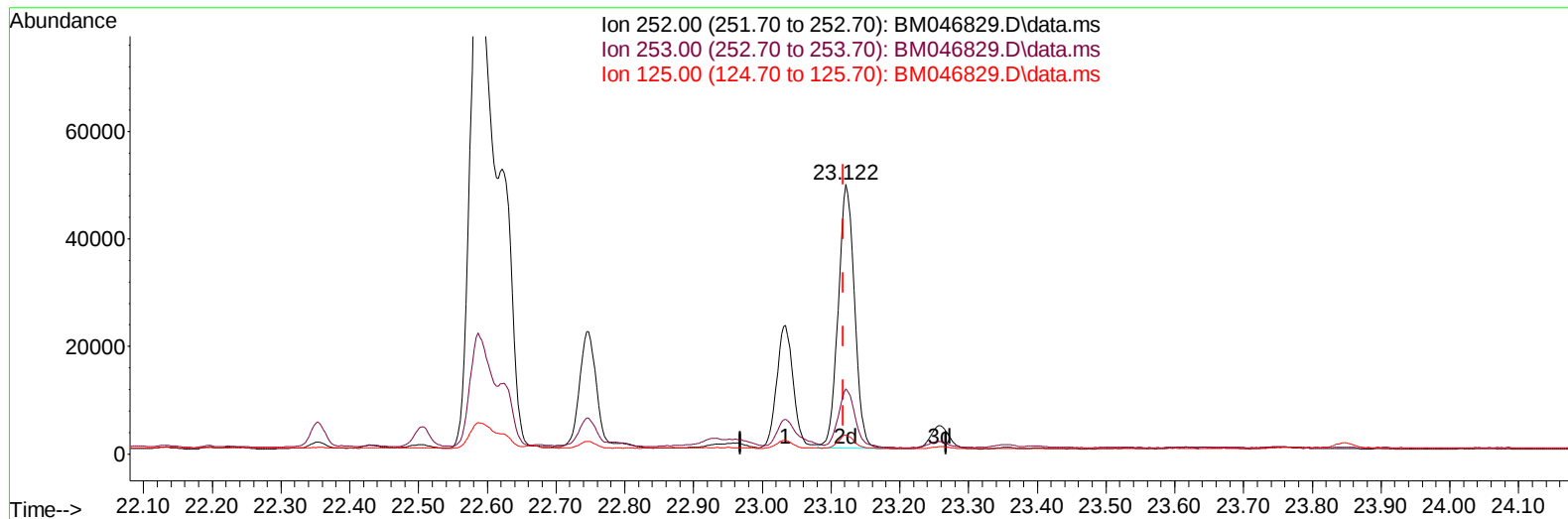
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072624\  
Data File : BM046829.D  
Acq On : 26 Jul 2024 14:07  
Operator : MA/JU  
Sample : P3264-08  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BD8

Manual IntegrationsAPPROVED

Quant Time: Jul 26 15:12:16 2024  
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TIC: BM046829.D\data.ms

(26) Benzo(a)pyrene (C)

23.122min (+ 0.003) 3.54 ng/ul m

response 81100

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 32.50  | 24.22# |
| 125.00 | 9.80   | 6.89#  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072624\  
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 Operator : MA/JU  
 Sample : P3264-08  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4BD8

## Manual IntegrationsAPPROVED

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Quant Time: Jul 26 15:12:16 2024  
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 QLast Update : Wed Jul 24 15:10:37 2024  
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| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.468  | 152  | 3462     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.226 | 136  | 9916     | 0.400  | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.117 | 164  | 5933     | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.874 | 188  | 11153    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.085 | 240  | 6177     | 0.400  | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.215 | 264  | 7276     | 0.400  | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.096  | 96   | 5620     | 2.318  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.826 | 152  | 2661     | 0.169  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.913 | 212  | 4528     | 0.225  | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 5) Naphthalene              | 10.275 | 128  | 1461     | 0.058  | ng/ul# | 86       |
| 7) 2-Methylnaphthalene      | 11.903 | 142  | 662      | 0.038  | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.123 | 142  | 569      | 0.032  | ng/ul  | 98       |
| 10) Acenaphthylene          | 13.830 | 152  | 23812    | 0.876  | ng/ul  | 98       |
| 11) Acenaphthene            | 14.177 | 153  | 2259     | 0.122  | ng/ul  | 96       |
| 12) Fluorene                | 15.176 | 166  | 8730     | 0.379  | ng/ul  | 99       |
| 15) Phenanthrene            | 16.912 | 178  | 283315   | 8.838  | ng/ul  | 98       |
| 16) Anthracene              | 17.005 | 178  | 79321    | 2.658  | ng/ul  | 99       |
| 19) Fluoranthene            | 18.945 | 202  | 421257   | 15.528 | ng/ul  | 99       |
| 20) Pyrene                  | 19.308 | 202  | 298136   | 10.624 | ng/ul  | 100      |
| 21) Benzo(a)anthracene      | 21.067 | 228  | 219796   | 8.539  | ng/ul  | 98       |
| 22) Chrysene                | 21.120 | 228  | 185948   | 7.111  | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.587 | 252  | 207202m  | 6.486  | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.622 | 252  | 65331m   | 2.030  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.122 | 252  | 81100m   | 3.536  | ng/ul  |          |
| 27) Indeno(1,2,3-cd)pyrene  | 25.320 | 276  | 62925    | 1.783  | ng/ul  | 98       |
| 28) Dibenzo(a,h)anthracene  | 25.326 | 278  | 25337    | 0.981  | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 25.960 | 276  | 9568     | 0.308  | ng/ul# | 83       |
| -----                       |        |      |          |        |        |          |

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

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