

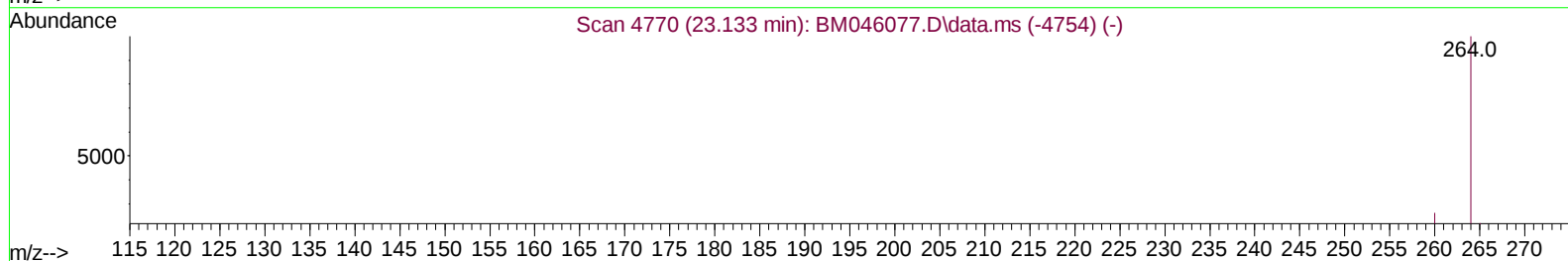
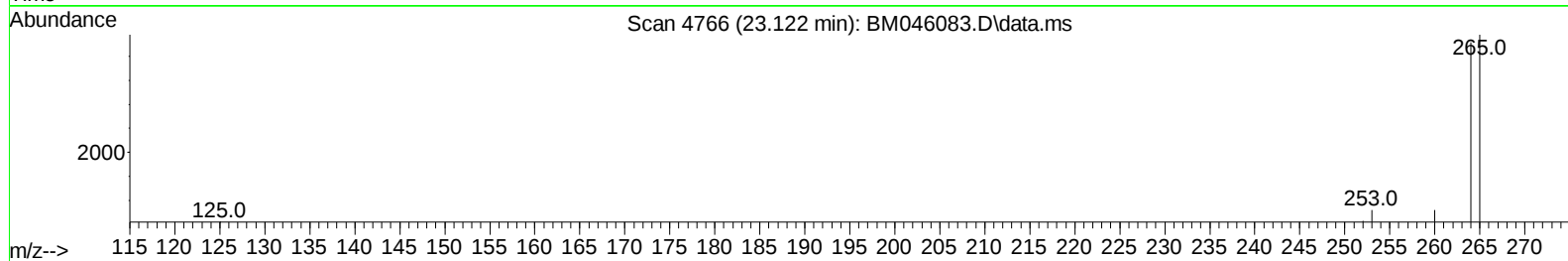
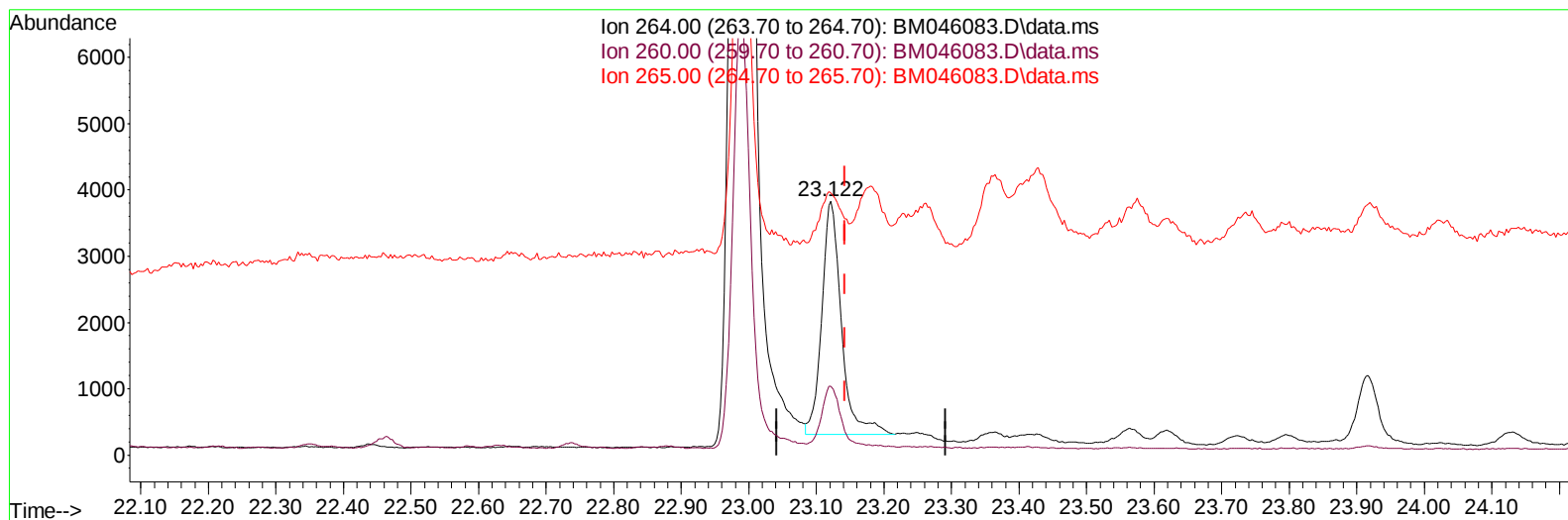
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061824\  
Data File : BM046083.D  
Acq On : 19 Jun 2024 13:20  
Operator : MA/JU  
Sample : P2696-01DL 5X  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BJ1DL

Manual IntegrationsAPPROVED

Quant Time: Jun 19 13:50:34 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM061824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jun 18 13:58:29 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/19/2024  
Supervised By :mohammad ahmed 06/21/2024



TIC: BM046083.D\data.ms

(23) Perylene-d12 (I)

23.122min (-0.020) 0.40 ng/u1

response 7103

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 28.20  | 27.11  |
| 265.00 | 110.60 | 103.21 |
| 0.00   | 0.00   | 0.00   |

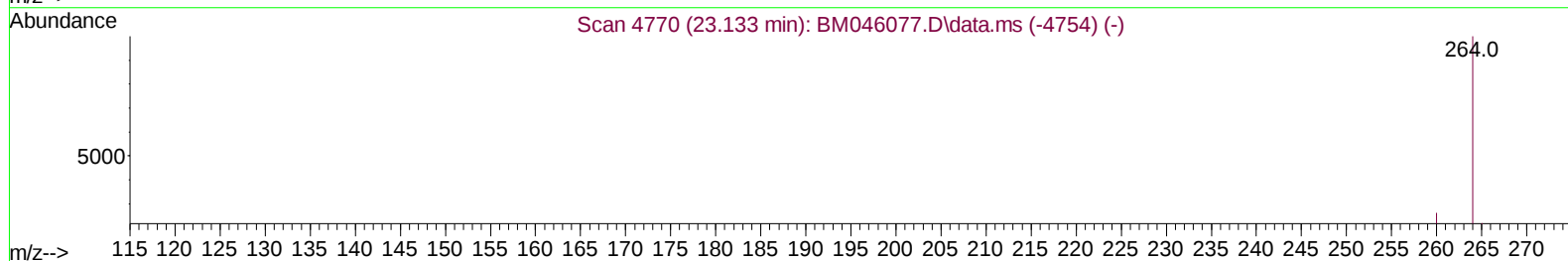
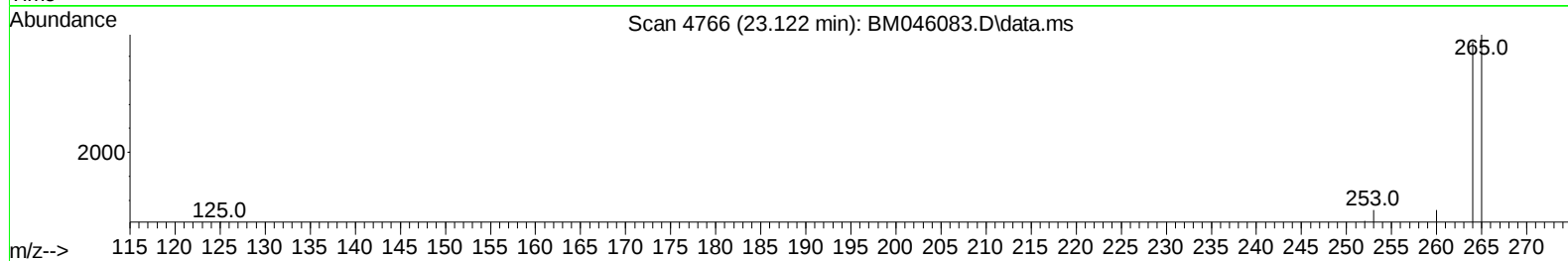
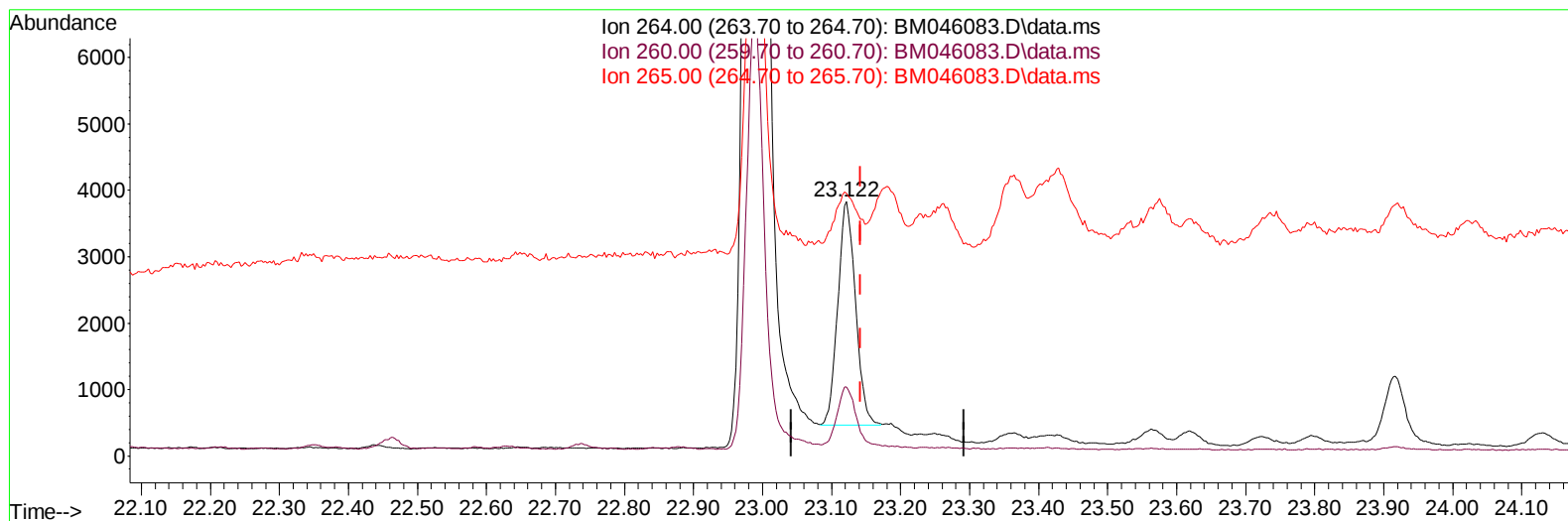
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061824\  
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Instrument :  
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A4BJ1DL

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TIC: BM046083.D\data.ms

(23) Perylene-d12 (I)

23.122min (-0.020) 0.40 ng/u1 m

response 6025

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 28.20  | 27.11  |
| 265.00 | 110.60 | 103.21 |
| 0.00   | 0.00   | 0.00   |

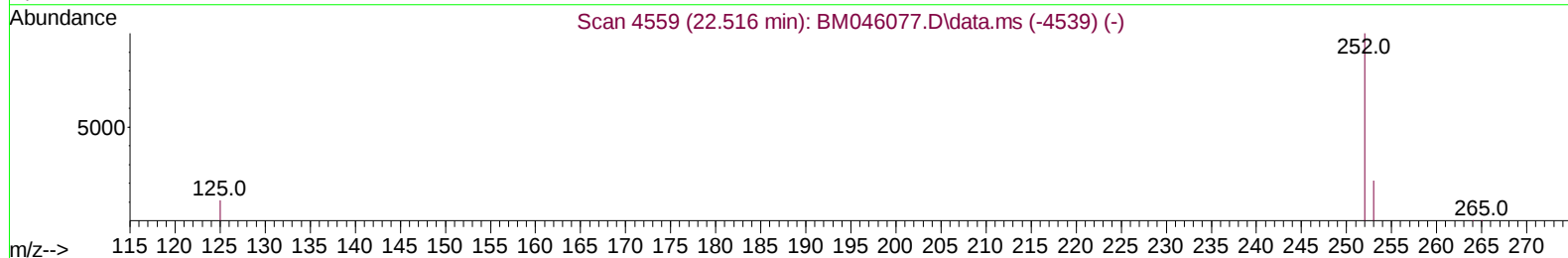
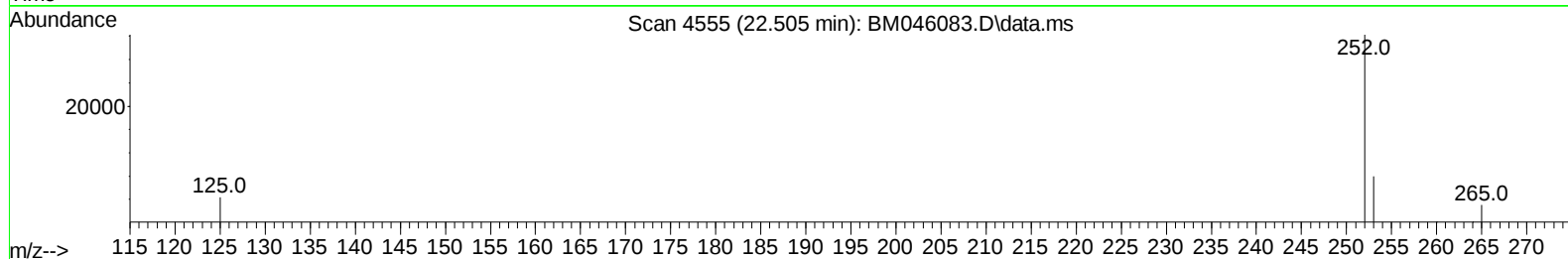
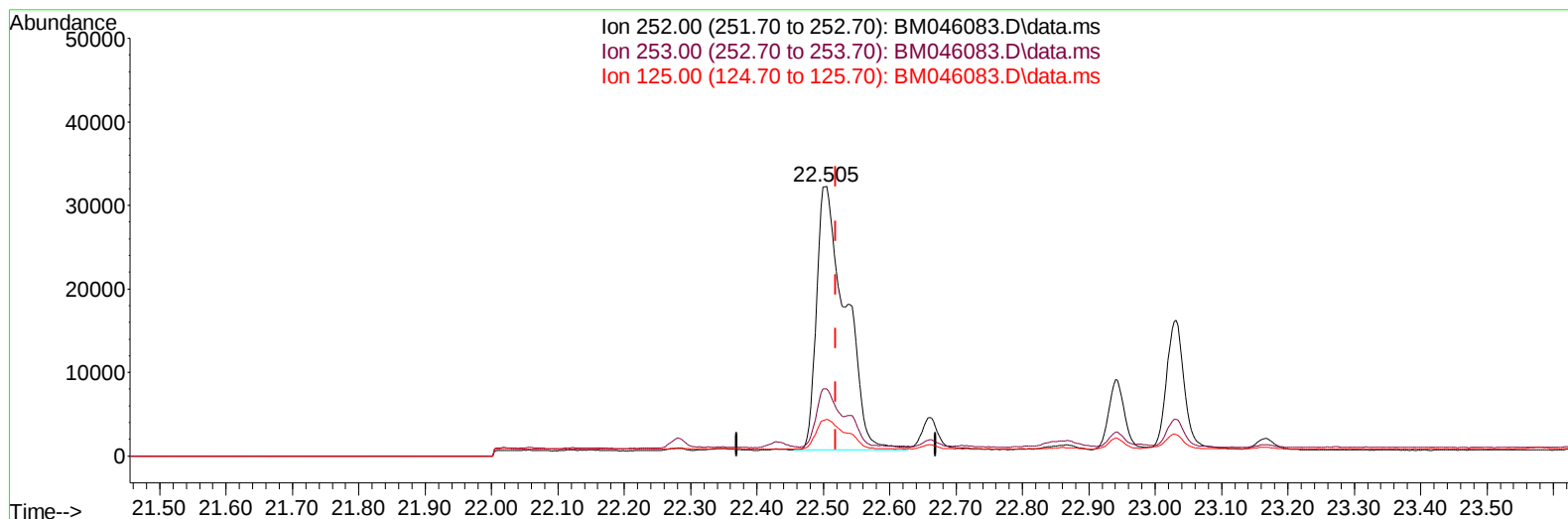
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061824\  
Data File : BM046083.D  
Acq On : 19 Jun 2024 13:20  
Operator : MA/JU  
Sample : P2696-01DL 5X  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BJ1DL

Manual IntegrationsAPPROVED

Quant Time: Jun 19 13:50:34 2024  
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TIC: BM046083.D\data.ms

(24) Benzo(b)fluoranthene

22.505min (-0.015) 4.41 ng/u1

response 95754

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 32.90  | 24.78  |
| 125.00 | 20.10  | 13.60  |
| 0.00   | 0.00   | 0.00   |

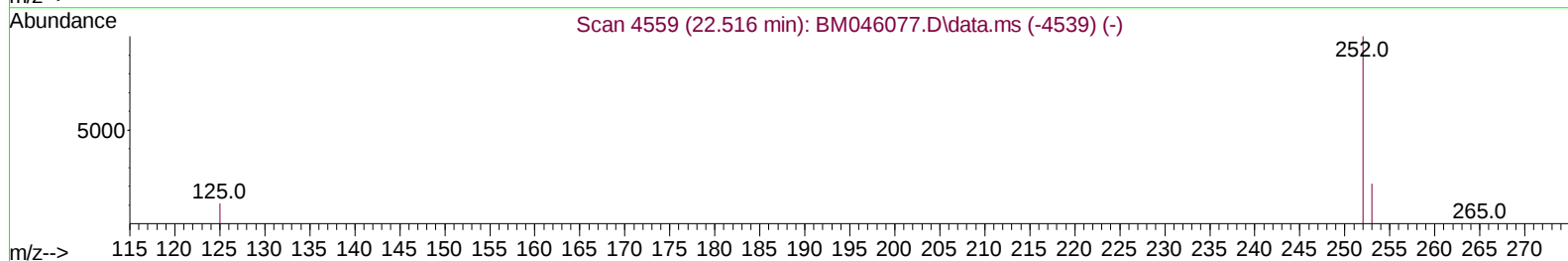
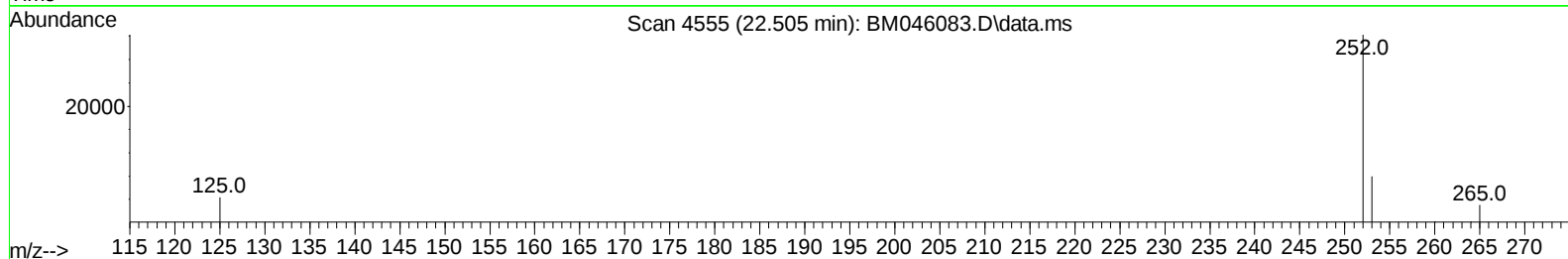
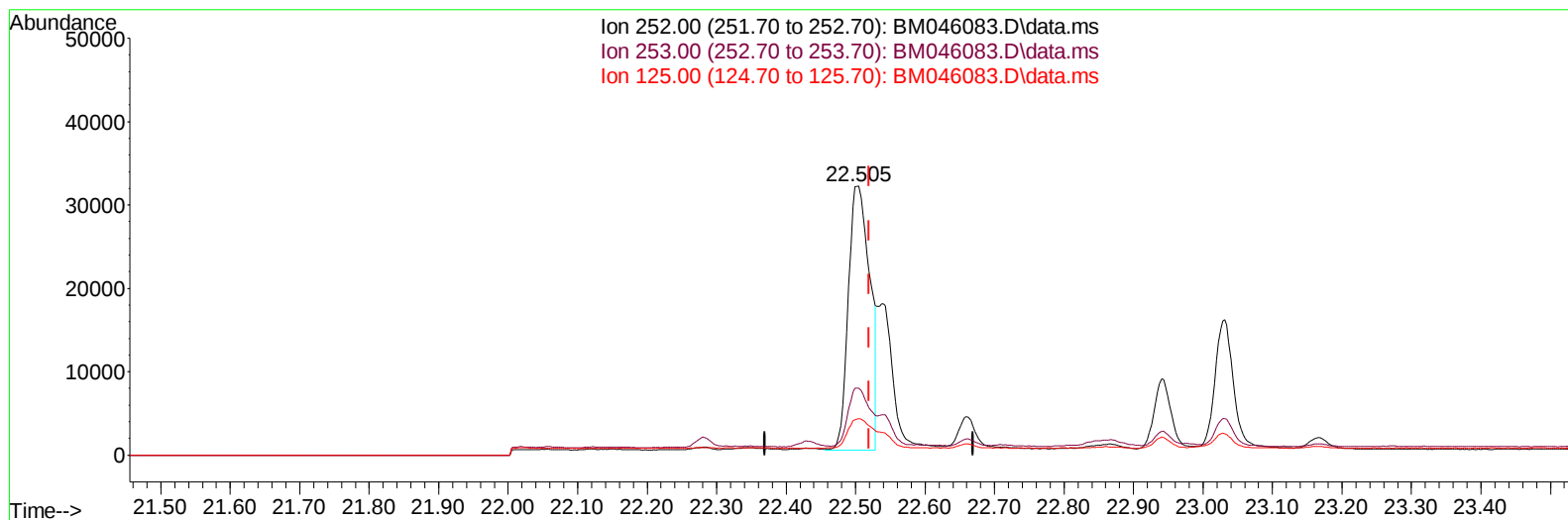
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061824\  
Data File : BM046083.D  
Acq On : 19 Jun 2024 13:20  
Operator : MA/JU  
Sample : P2696-01DL 5X  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BJ1DL

Manual IntegrationsAPPROVED

Quant Time: Jun 19 13:50:34 2024  
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TIC: BM046083.D\data.ms

(24) Benzo(b)fluoranthene

22.505min (-0.015) 3.14 ng/u1 m

response 68187

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 32.90  | 24.78  |
| 125.00 | 20.10  | 13.60  |
| 0.00   | 0.00   | 0.00   |

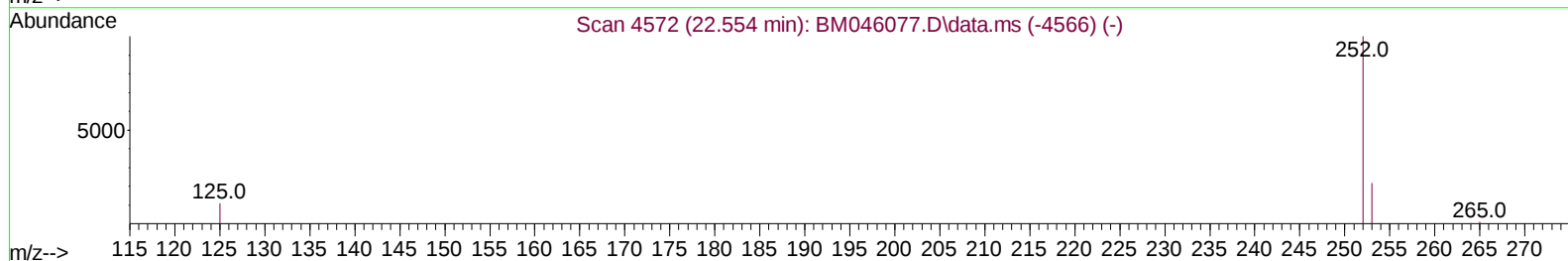
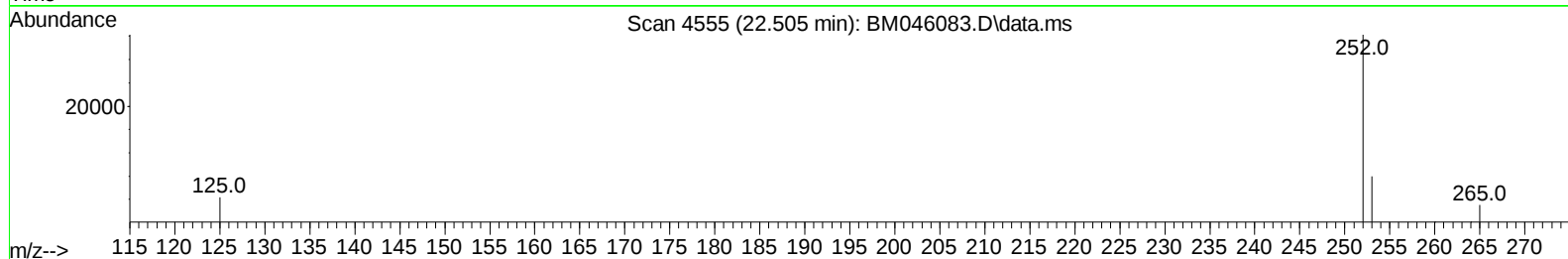
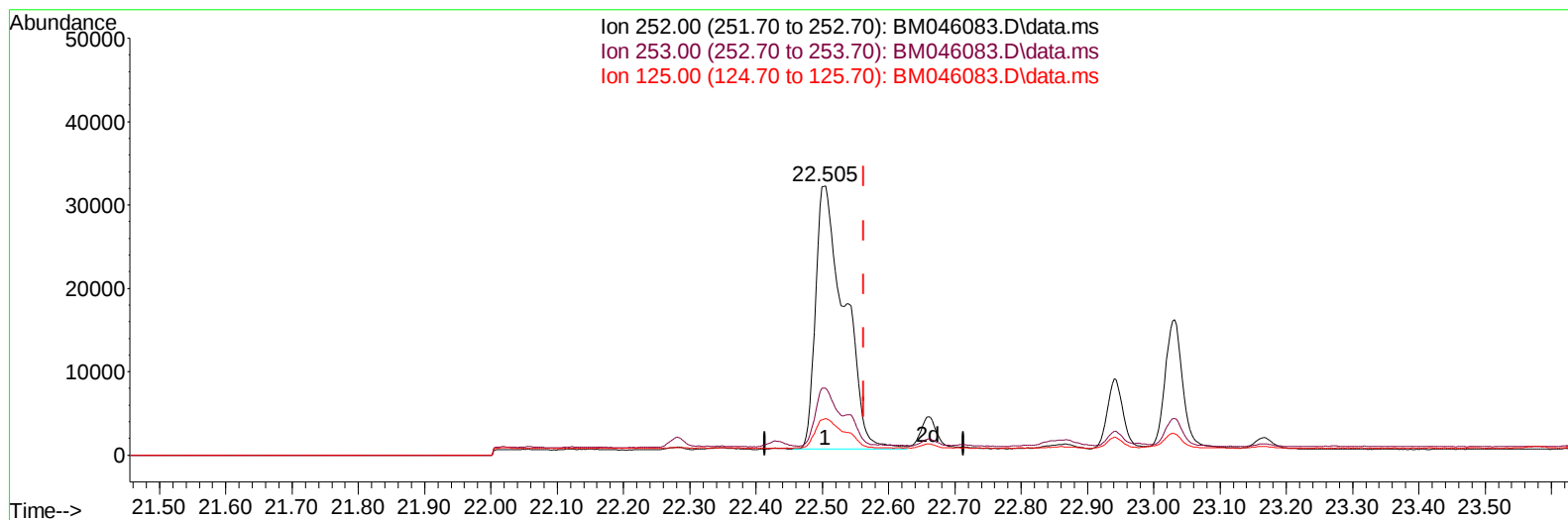
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061824\  
Data File : BM046083.D  
Acq On : 19 Jun 2024 13:20  
Operator : MA/JU  
Sample : P2696-01DL 5X  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BJ1DL

Manual IntegrationsAPPROVED

Quant Time: Jun 19 13:50:34 2024  
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QLast Update : Tue Jun 18 13:58:29 2024  
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TIC: BM046083.D\data.ms

(25) Benzo(k)fluoranthene

22.505min (-0.058) 3.71 ng/u1

response 95754

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 34.00  | 24.78# |
| 125.00 | 20.80  | 13.60# |
| 0.00   | 0.00   | 0.00   |

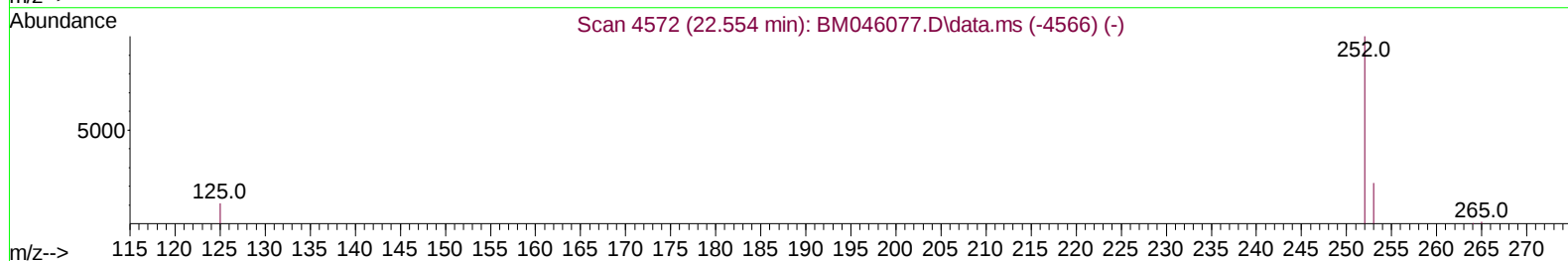
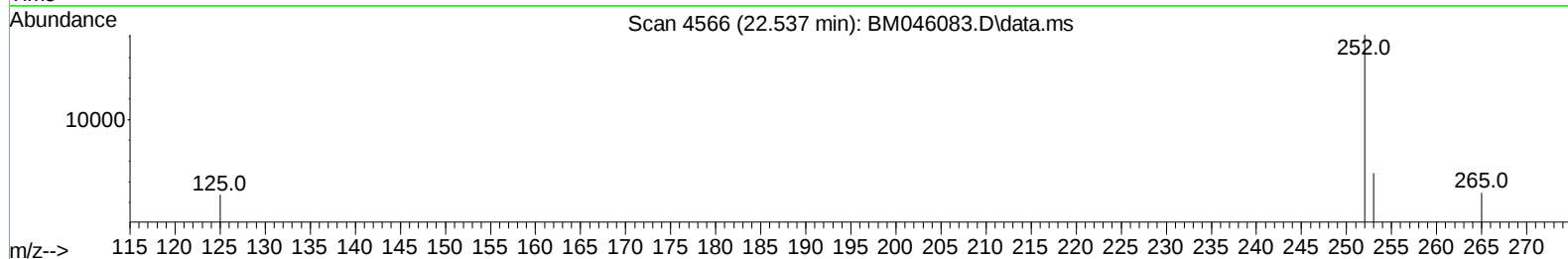
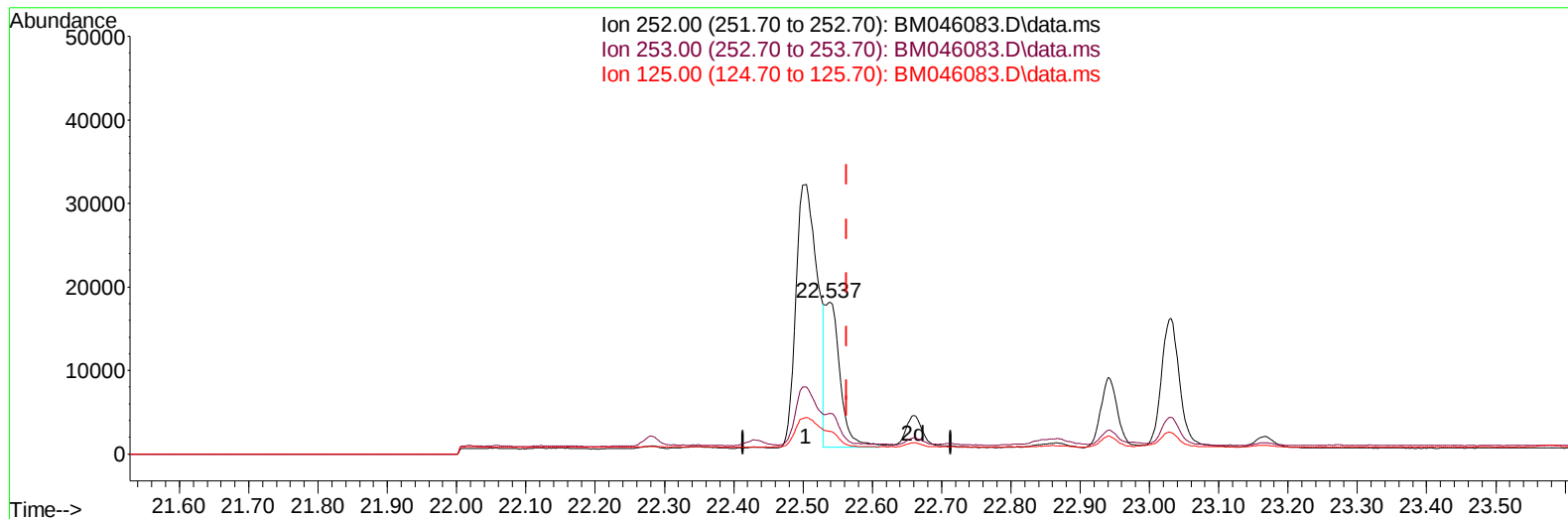
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Data File : BM046083.D  
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Operator : MA/JU  
Sample : P2696-01DL 5X  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BJ1DL

Manual IntegrationsAPPROVED

Quant Time: Jun 19 13:50:34 2024  
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TIC: BM046083.D\data.ms

(25) Benzo(k)fluoranthene

22.537min (-0.026) 1.06 ng/u1 m

response 27473

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 34.00  | 26.62# |
| 125.00 | 20.80  | 15.04# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061824\  
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 Sample : P2696-01DL 5X  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4BJ1DL

Manual IntegrationsAPPROVED

Quant Time: Jun 19 13:50:34 2024  
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 Response via : Initial Calibration

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| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.443  | 152  | 1985     | 0.400  | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 10.248 | 136  | 5164     | 0.400  | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.094 | 164  | 2945     | 0.400  | ng/ul  | -0.02    |
| 13) Phenanthrene-d10        | 16.828 | 188  | 6095     | 0.400  | ng/ul  | -0.03    |
| 17) Chrysene-d12            | 21.024 | 240  | 5441     | 0.400  | ng/ul  | -0.02    |
| 23) Perylene-d12            | 23.122 | 264  | 6025m    | 0.400  | ng/ul  | -0.02    |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.042  | 96   | 2184     | 0.802  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.876 | 152  | 333      | 0.048  | ng/ul  | 0.01     |
| 18) Fluoranthene-d10        | 18.857 | 212  | 1050     | 0.064  | ng/ul  | -0.03    |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 5) Naphthalene              | 10.297 | 128  | 1512     | 0.105  | ng/ul# | 78       |
| 7) 2-Methylnaphthalene      | 11.942 | 142  | 893      | 0.110  | ng/ul  | 94       |
| 8) 1-Methylnaphthalene      | 12.151 | 142  | 1174     | 0.132  | ng/ul  | 97       |
| 10) Acenaphthylene          | 13.812 | 152  | 1053     | 0.075  | ng/ul# | 72       |
| 11) Acenaphthene            | 14.154 | 153  | 6923     | 0.687  | ng/ul  | 99       |
| 12) Fluorene                | 15.149 | 166  | 7461     | 0.690  | ng/ul  | 100      |
| 15) Phenanthrene            | 16.866 | 178  | 185408   | 10.827 | ng/ul  | 96       |
| 16) Anthracene              | 16.963 | 178  | 24299    | 1.905  | ng/ul  | 97       |
| 19) Fluoranthene            | 18.885 | 202  | 175067   | 7.431  | ng/ul  | 97       |
| 20) Pyrene                  | 19.247 | 202  | 172629   | 6.776  | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.006 | 228  | 69268    | 3.296  | ng/ul  | 99       |
| 22) Chrysene                | 21.059 | 228  | 79702    | 2.972  | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.505 | 252  | 68187m   | 3.141  | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.537 | 252  | 27473m   | 1.065  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.031 | 252  | 28369    | 1.410  | ng/ul# | 79       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.172 | 276  | 23108    | 0.702  | ng/ul# | 91       |
| 28) Dibenzo(a,h)anthracene  | 25.176 | 278  | 7642     | 0.312  | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 25.799 | 276  | 3444     | 0.122  | ng/ul# | 78       |
| -----                       |        |      |          |        |        |          |

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

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