

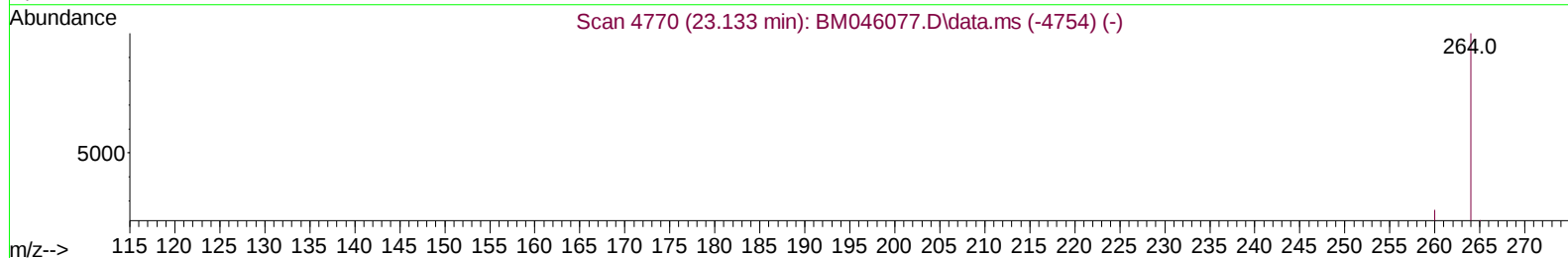
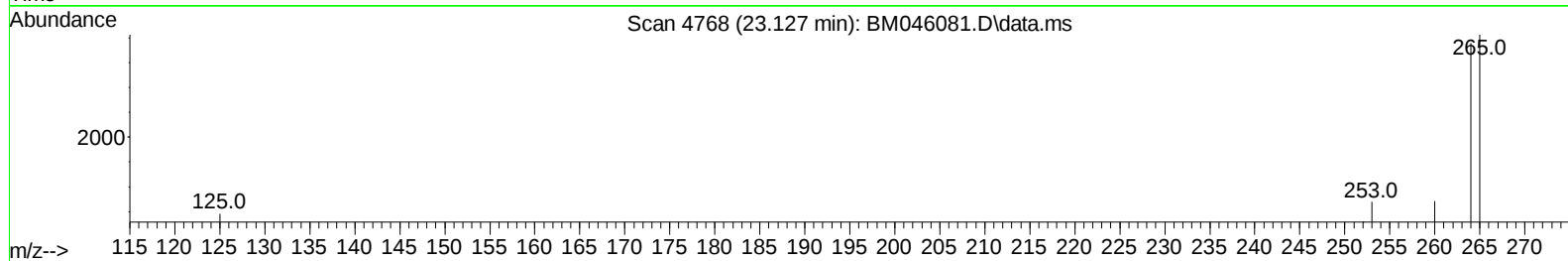
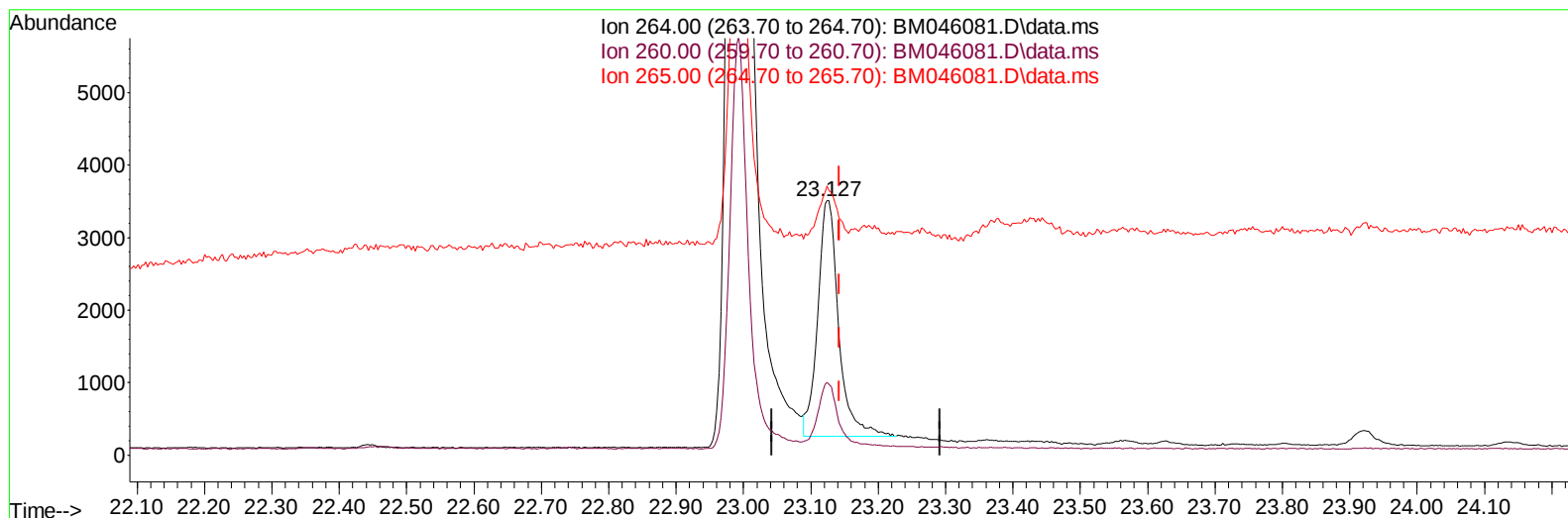
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061824\  
Data File : BM046081.D  
Acq On : 19 Jun 2024 12:07  
Operator : MA/JU  
Sample : P2696-22DL 5X  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4B91DL

Manual IntegrationsAPPROVED

Quant Time: Jun 19 13:03:24 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: BM046081.D\data.ms

(23) Perylene-d12 (I)

23.127min (-0.015) 0.40 ng/u1

response 7021

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 28.20  | 27.73  |
| 265.00 | 110.60 | 103.87 |
| 0.00   | 0.00   | 0.00   |

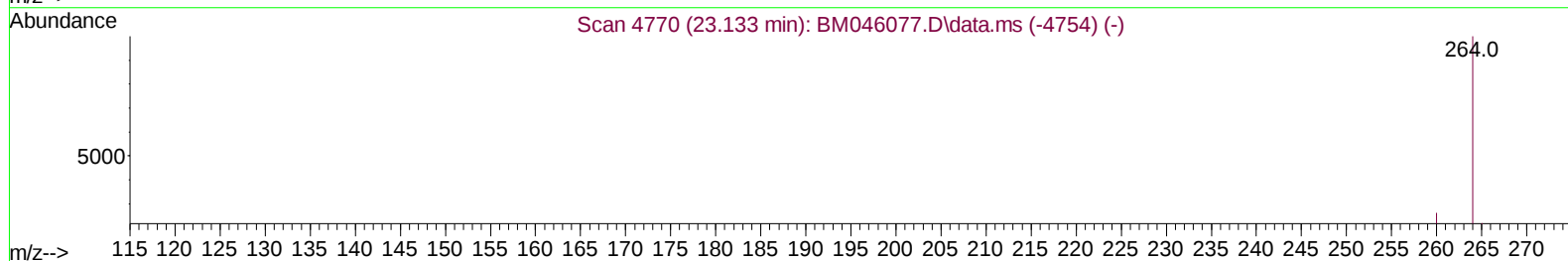
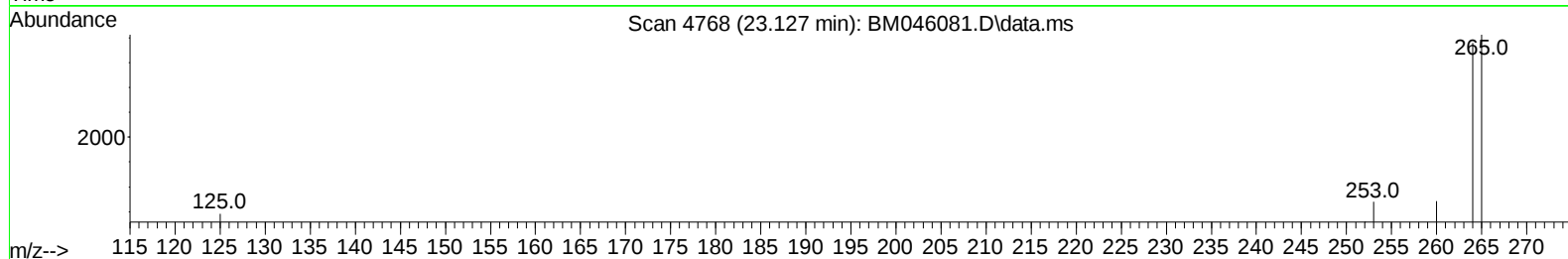
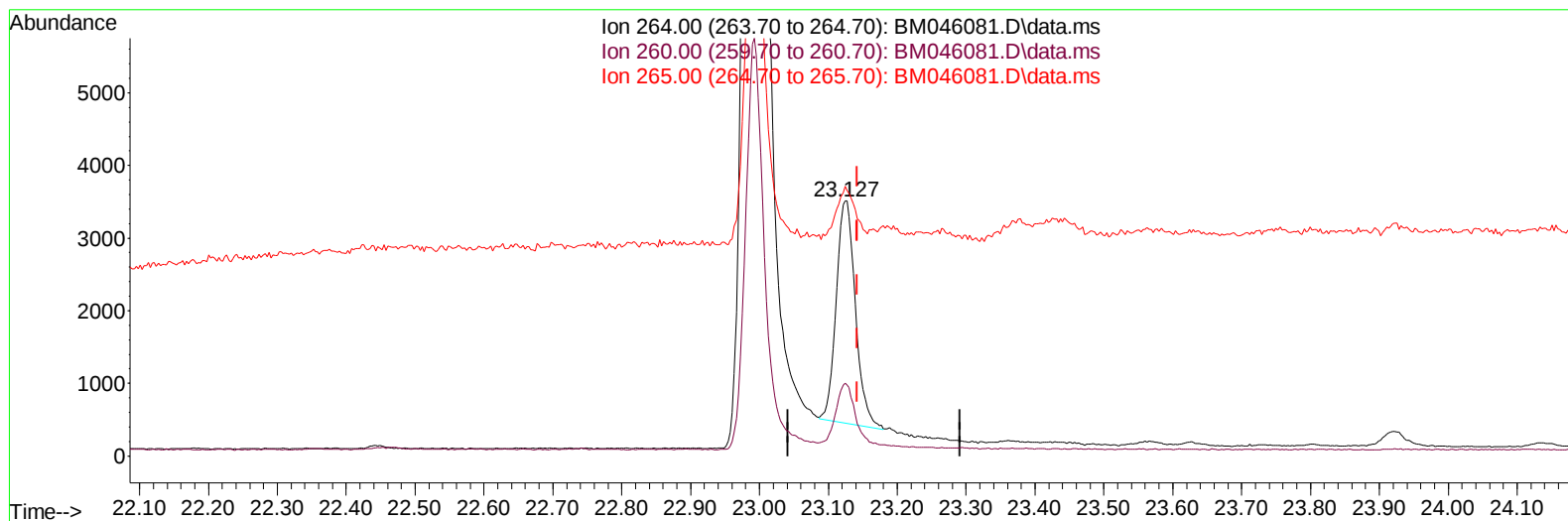
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061824\  
Data File : BM046081.D  
Acq On : 19 Jun 2024 12:07  
Operator : MA/JU  
Sample : P2696-22DL 5X  
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ALS Vial : 36 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4B91DL

Manual IntegrationsAPPROVED

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TIC: BM046081.D\data.ms

(23) Perylene-d12 (I)

23.127min (-0.015) 0.40 ng/ul m

response 5888

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 28.20  | 27.73  |
| 265.00 | 110.60 | 103.87 |
| 0.00   | 0.00   | 0.00   |

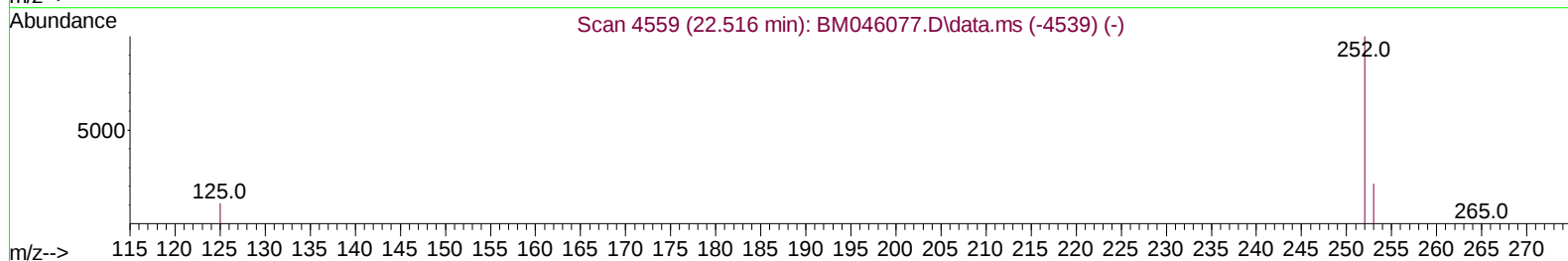
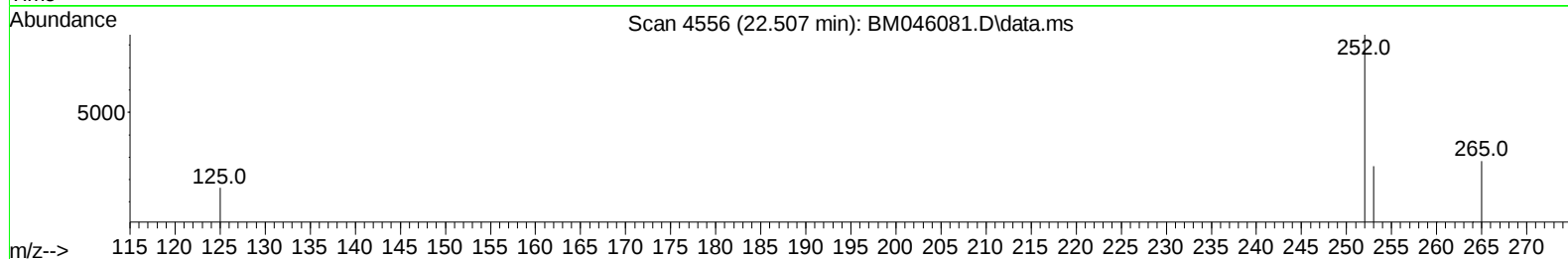
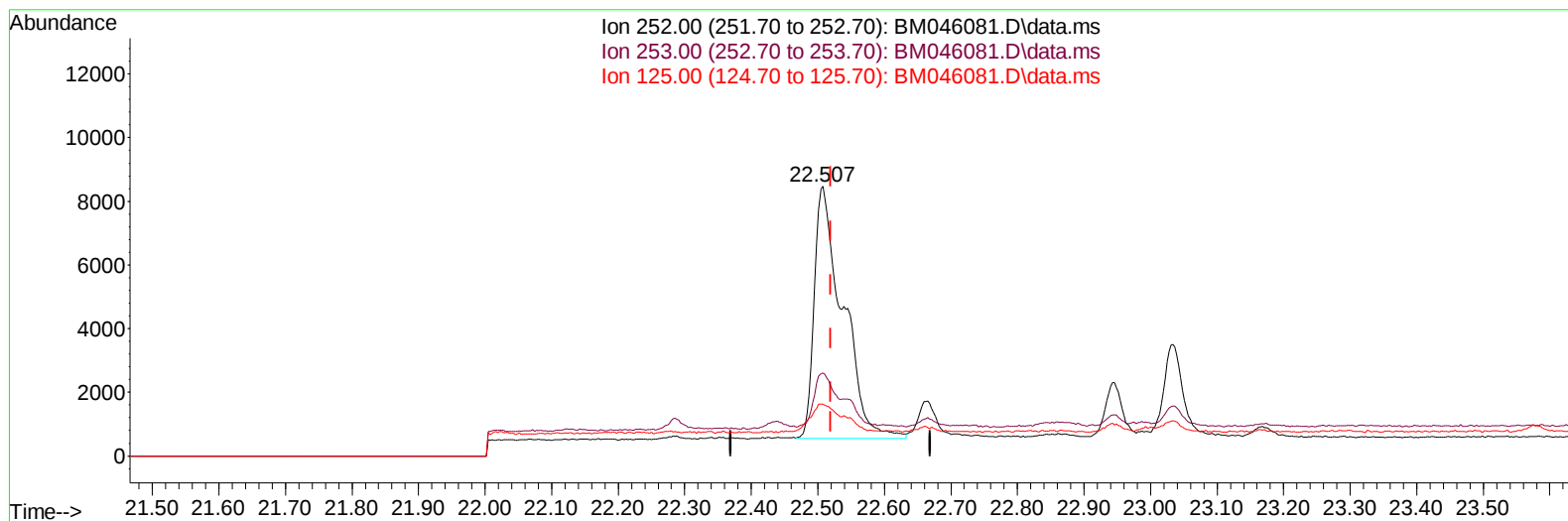
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061824\  
Data File : BM046081.D  
Acq On : 19 Jun 2024 12:07  
Operator : MA/JU  
Sample : P2696-22DL 5X  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4B91DL

Manual IntegrationsAPPROVED

Quant Time: Jun 19 13:03:24 2024  
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TIC: BM046081.D\data.ms

(24) Benzo(b)fluoranthene

22.507min (-0.012) 1.10 ng/u1

response 23334

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 32.90  | 30.68  |
| 125.00 | 20.10  | 19.28  |
| 0.00   | 0.00   | 0.00   |

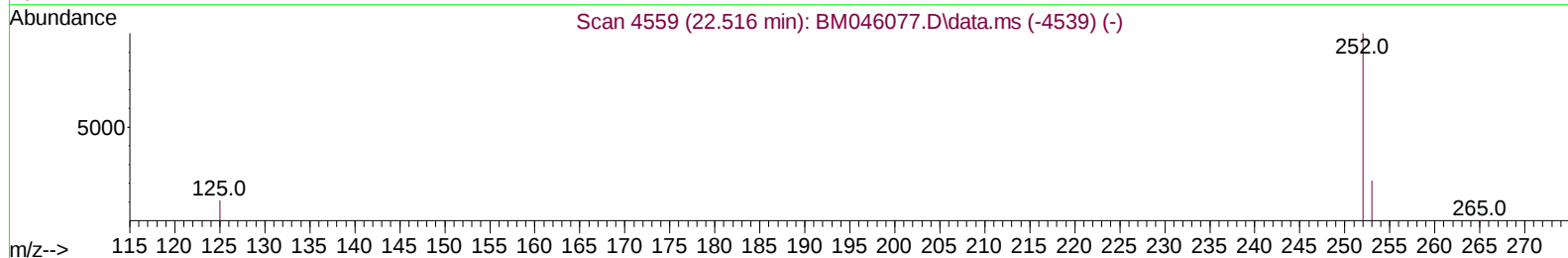
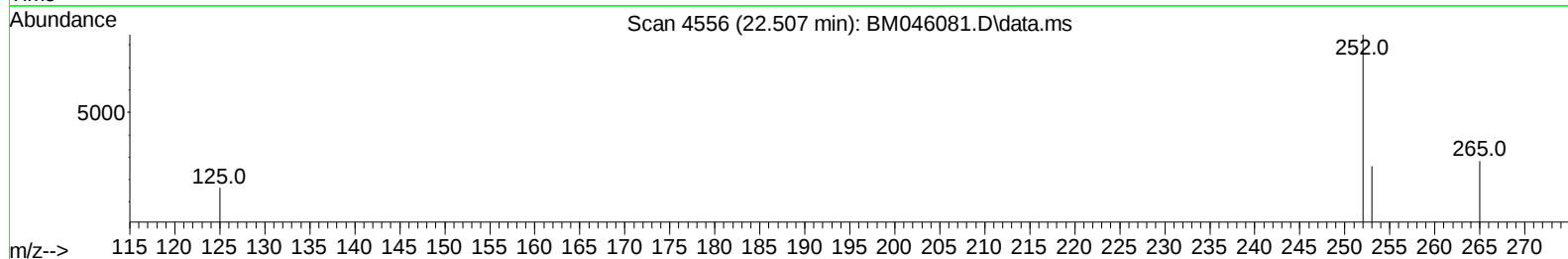
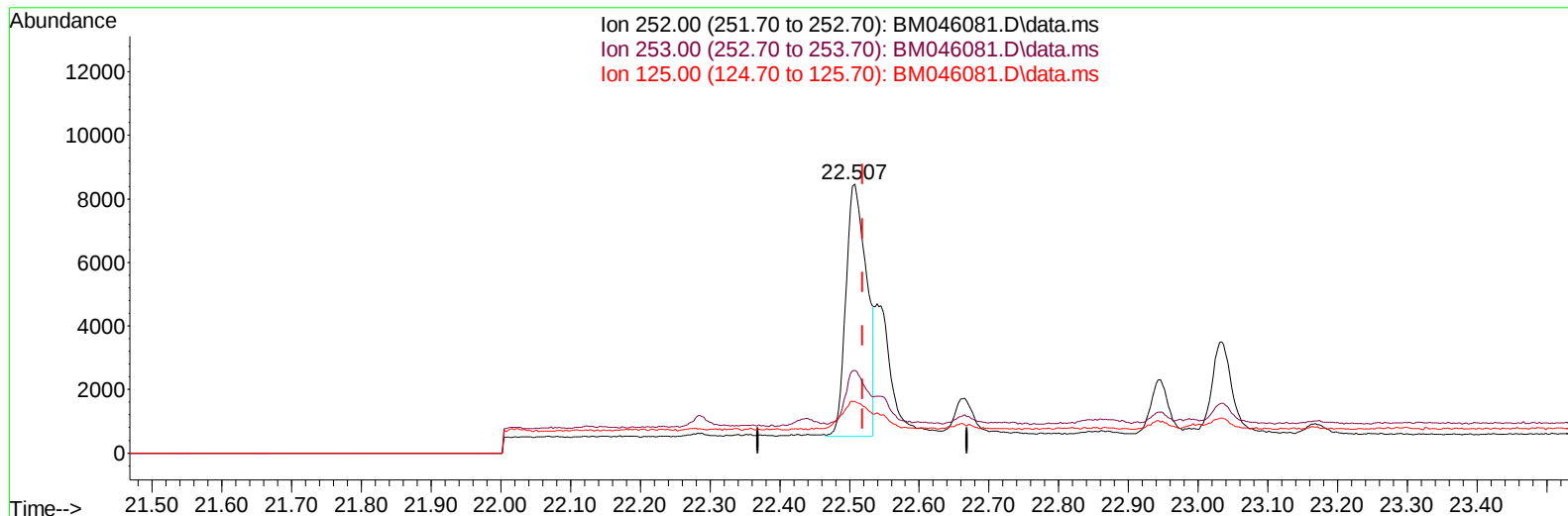
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061824\  
Data File : BM046081.D  
Acq On : 19 Jun 2024 12:07  
Operator : MA/JU  
Sample : P2696-22DL 5X  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4B91DL

Manual IntegrationsAPPROVED

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TIC: BM046081.D\data.ms

(24) Benzo(b)fluoranthene

22.507min (-0.012) 0.77 ng/u1 m

response 16409

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 32.90  | 30.68  |
| 125.00 | 20.10  | 19.28  |
| 0.00   | 0.00   | 0.00   |

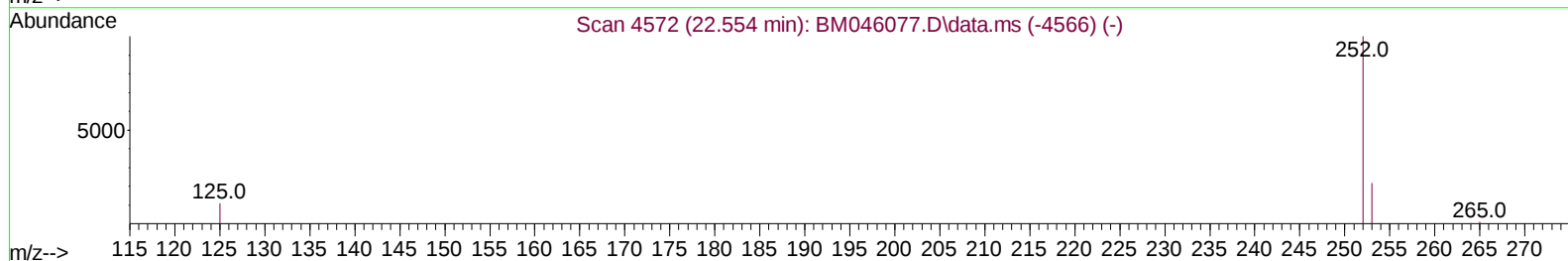
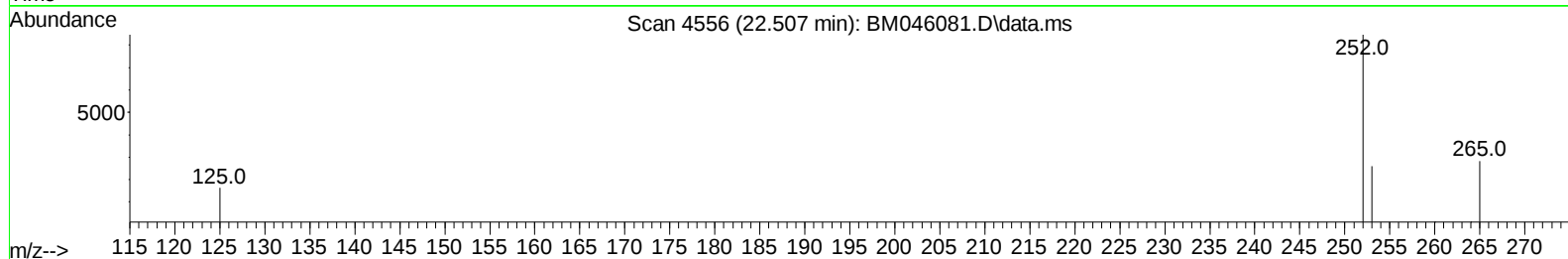
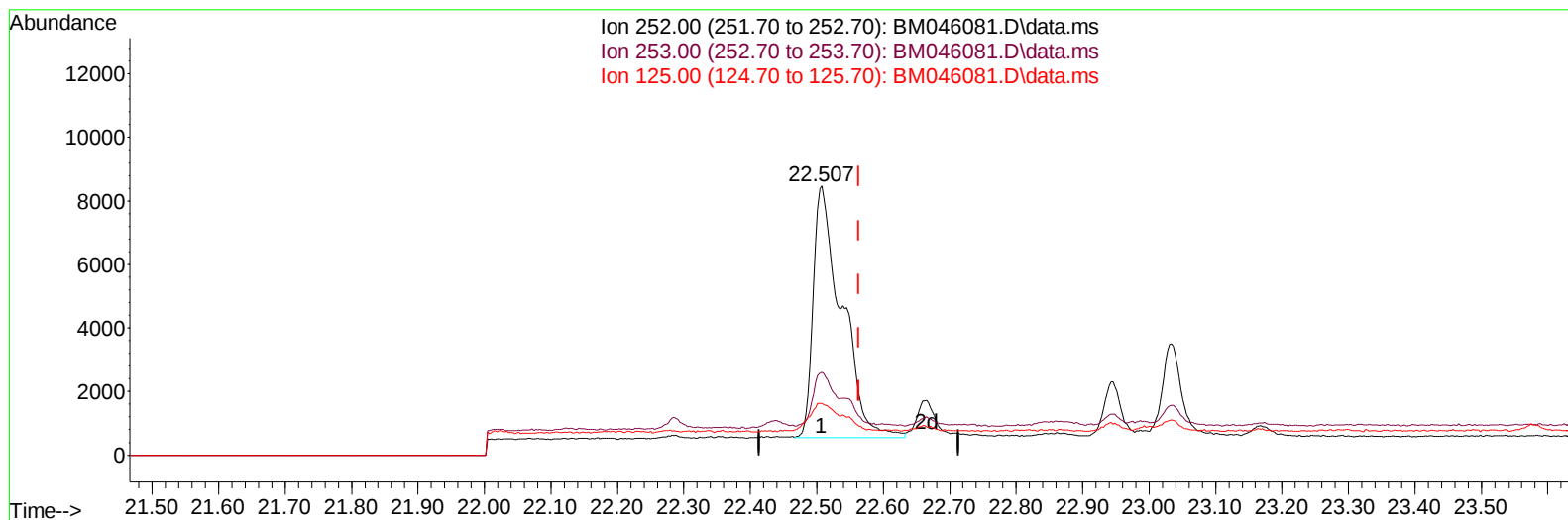
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061824\  
Data File : BM046081.D  
Acq On : 19 Jun 2024 12:07  
Operator : MA/JU  
Sample : P2696-22DL 5X  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4B91DL

Manual IntegrationsAPPROVED

Quant Time: Jun 19 13:03:24 2024  
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TIC: BM046081.D\data.ms

(25) Benzo(k)fluoranthene

22.507min (-0.056) 0.93 ng/u1

response 23334

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 34.00  | 30.68  |
| 125.00 | 20.80  | 19.28  |
| 0.00   | 0.00   | 0.00   |

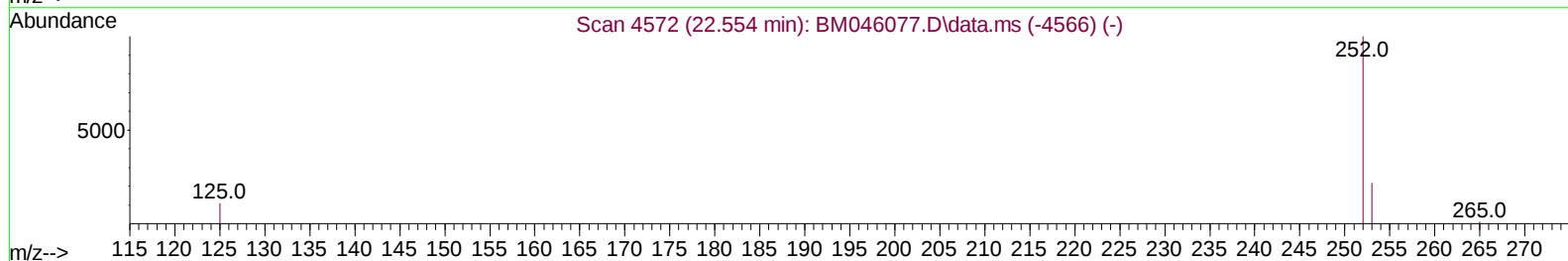
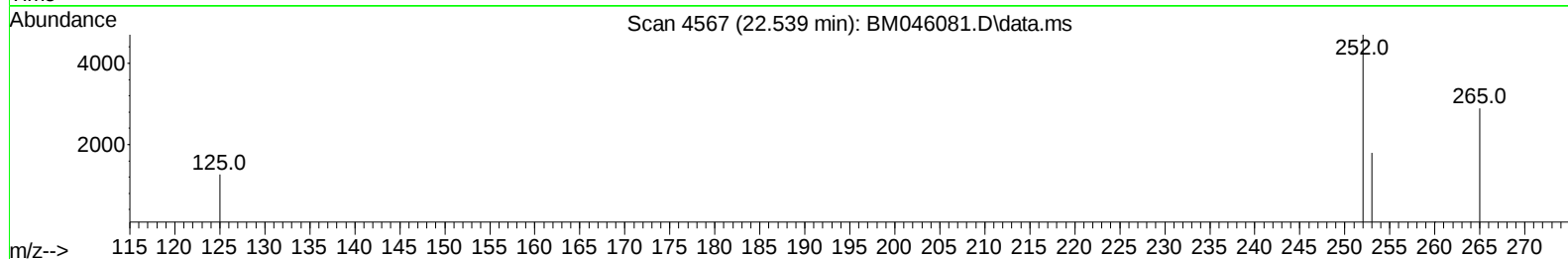
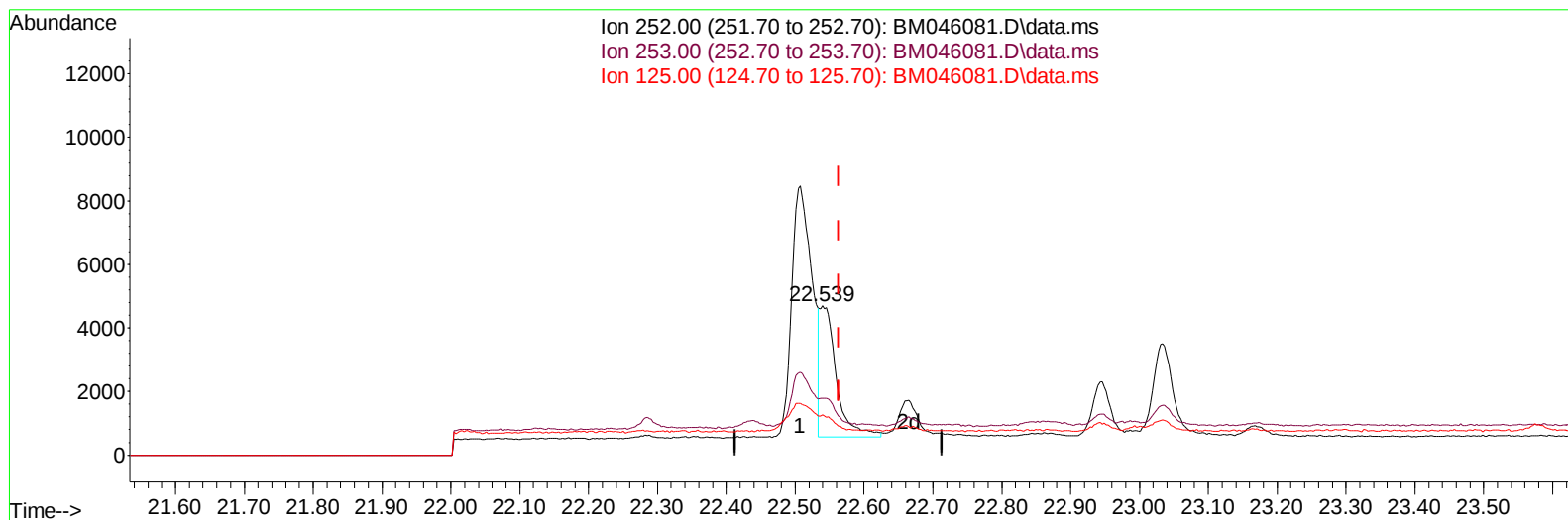
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061824\  
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Operator : MA/JU  
Sample : P2696-22DL 5X  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4B91DL

Manual IntegrationsAPPROVED

Quant Time: Jun 19 13:03:24 2024  
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TIC: BM046081.D\data.ms

(25) Benzo(k)fluoranthene

22.539min (-0.024) 0.27 ng/u1 m

response 6863

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 34.00  | 38.06  |
| 125.00 | 20.80  | 26.91# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061824\  
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 Operator : MA/JU  
 Sample : P2696-22DL 5X  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4B91DL

## Manual IntegrationsAPPROVED

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Quant Time: Jun 19 13:03:24 2024  
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 QLast Update : Tue Jun 18 13:58:29 2024  
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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.442  | 152  | 2024     | 0.400 | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 10.249 | 136  | 5477     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.100 | 164  | 3038     | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 16.833 | 188  | 6053     | 0.400 | ng/ul  | -0.03    |
| 17) Chrysene-d12            | 21.029 | 240  | 5060     | 0.400 | ng/ul  | -0.02    |
| 23) Perylene-d12            | 23.127 | 264  | 5888m    | 0.400 | ng/ul  | -0.02    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.042  | 96   | 2172     | 0.782 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.893 | 152  | 343      | 0.047 | ng/ul  | 0.03     |
| 18) Fluoranthene-d10        | 18.863 | 212  | 837      | 0.055 | ng/ul  | -0.02    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.299 | 128  | 523      | 0.034 | ng/ul# | 38       |
| 10) Acenaphthylene          | 13.817 | 152  | 870      | 0.060 | ng/ul# | 72       |
| 11) Acenaphthene            | 14.160 | 153  | 765      | 0.074 | ng/ul  | 91       |
| 12) Fluorene                | 15.154 | 166  | 898      | 0.080 | ng/ul# | 97       |
| 15) Phenanthrene            | 16.875 | 178  | 16030    | 0.943 | ng/ul  | 97       |
| 16) Anthracene              | 16.968 | 178  | 3151     | 0.249 | ng/ul# | 94       |
| 19) Fluoranthene            | 18.895 | 202  | 27437    | 1.252 | ng/ul  | 97       |
| 20) Pyrene                  | 19.258 | 202  | 20783    | 0.877 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.014 | 228  | 11892    | 0.608 | ng/ul  | 98       |
| 22) Chrysene                | 21.064 | 228  | 12050    | 0.483 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.507 | 252  | 16409m   | 0.774 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.539 | 252  | 6863m    | 0.272 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.034 | 252  | 5661     | 0.288 | ng/ul  | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.182 | 276  | 5721     | 0.178 | ng/ul# | 92       |
| 28) Dibenzo(a,h)anthracene  | 25.185 | 278  | 1933     | 0.081 | ng/ul# | 58       |
| 29) Benzo(g,h,i)perylene    | 25.806 | 276  | 942      | 0.034 | ng/ul# | 41       |
| -----                       |        |      |          |       |        |          |

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

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