

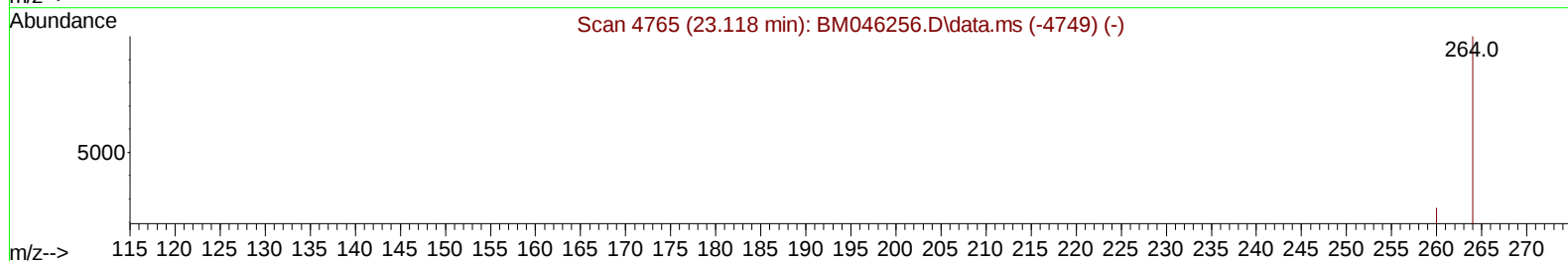
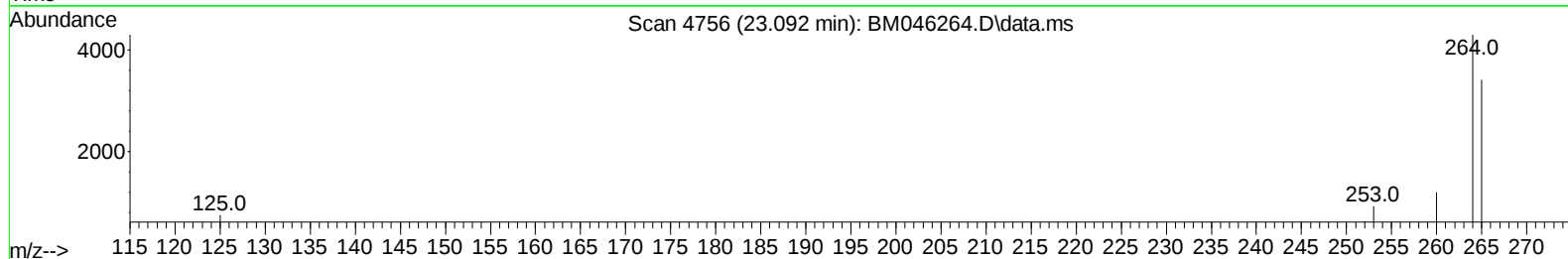
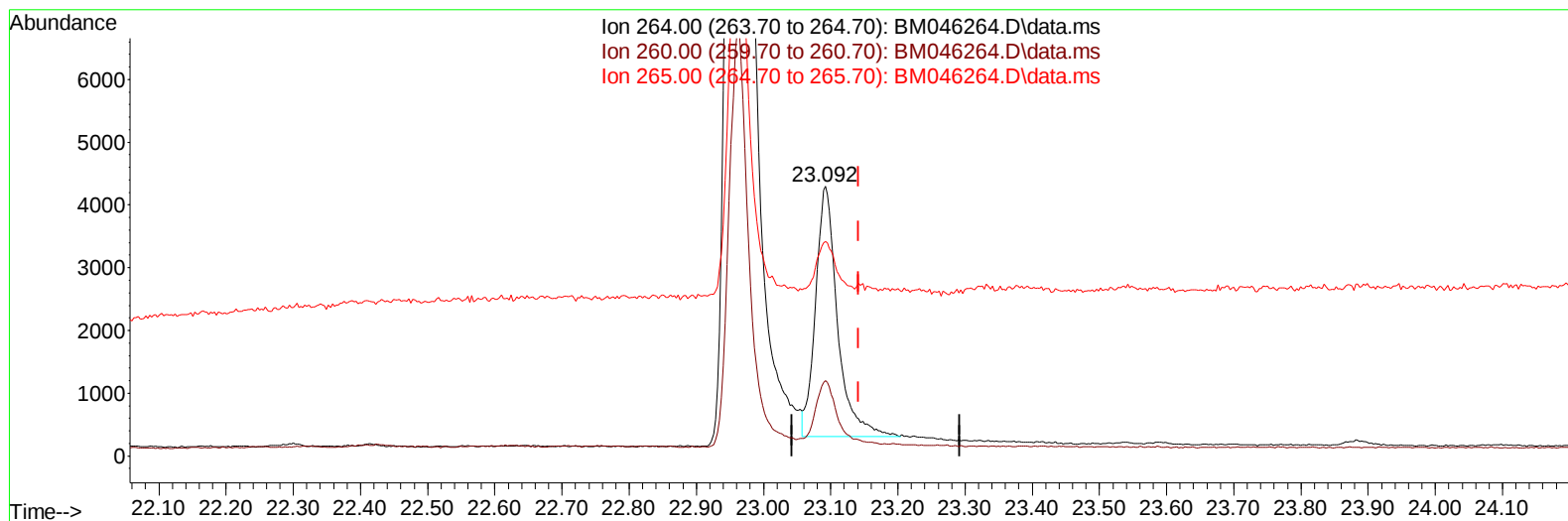
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062424\  
Data File : BM046264.D  
Acq On : 24 Jun 2024 21:46  
Operator : MA/JU  
Sample : P2776-19DL 5X  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4C72DL

Manual IntegrationsAPPROVED

Quant Time: Jun 25 02:27:38 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 : Mon Jun 24 02:25:34 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/25/2024  
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046264.D\data.ms

(23) Perylene-d12 (I)

23.092min (-0.050) 0.40 ng/u1

response 9048

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 28.20  | 28.04  |
| 265.00 | 110.60 | 79.48# |
| 0.00   | 0.00   | 0.00   |

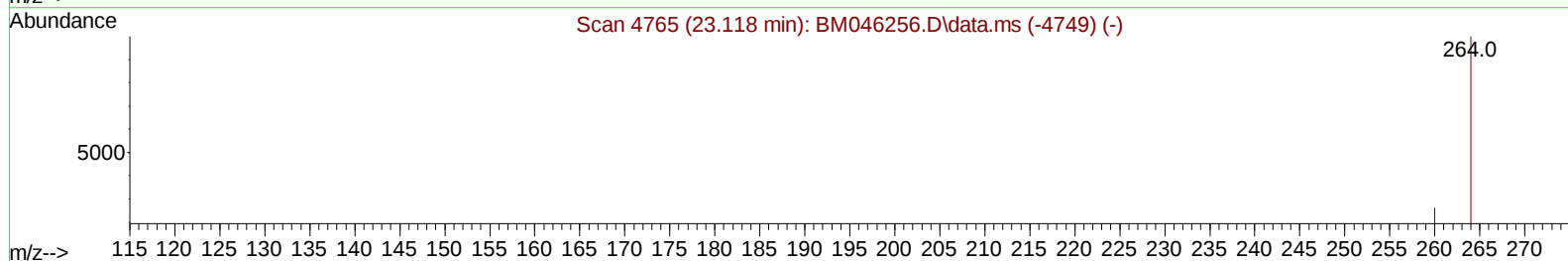
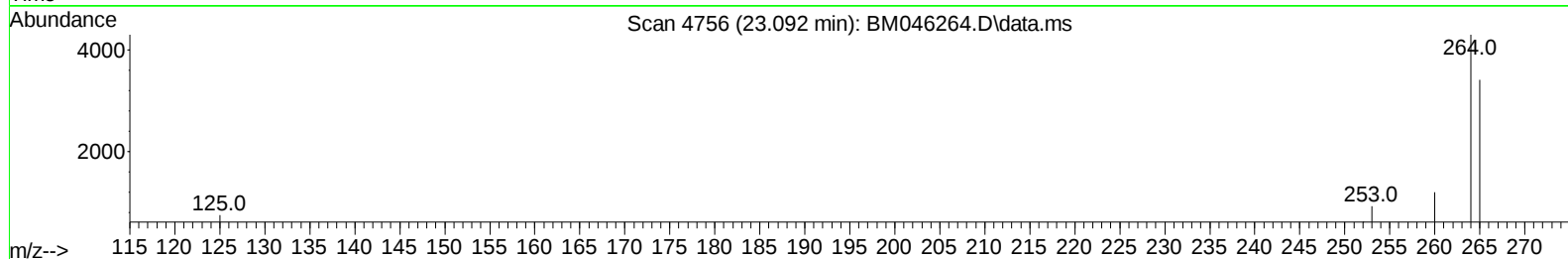
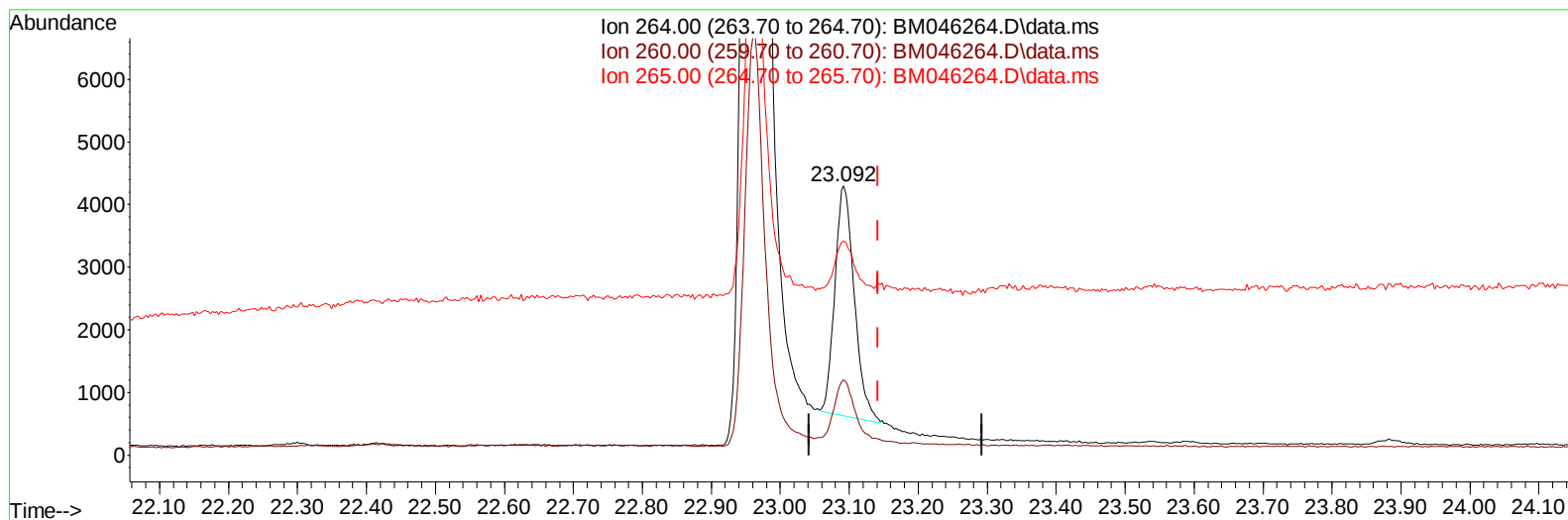
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062424\  
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Manual IntegrationsAPPROVED

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TIC: BM046264.D\data.ms

(23) Perylene-d12 (I)

23.092min (-0.050) 0.40 ng/ul m

response 7181

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 28.20  | 28.04  |
| 265.00 | 110.60 | 79.48# |
| 0.00   | 0.00   | 0.00   |

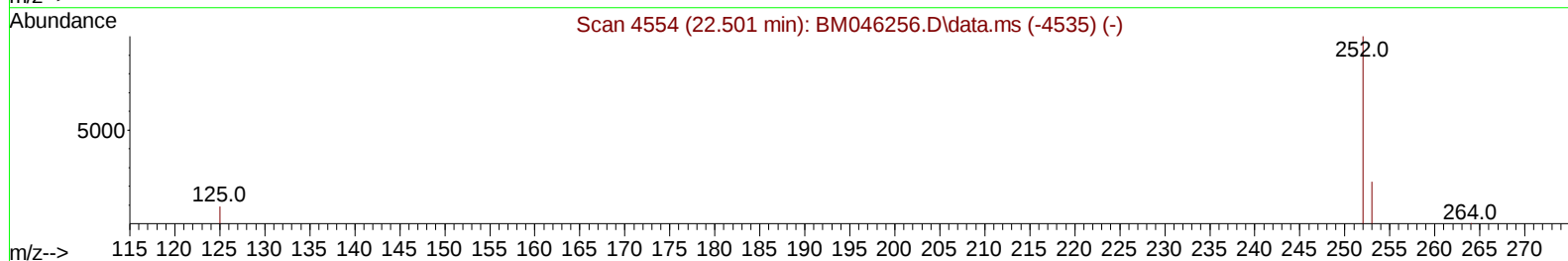
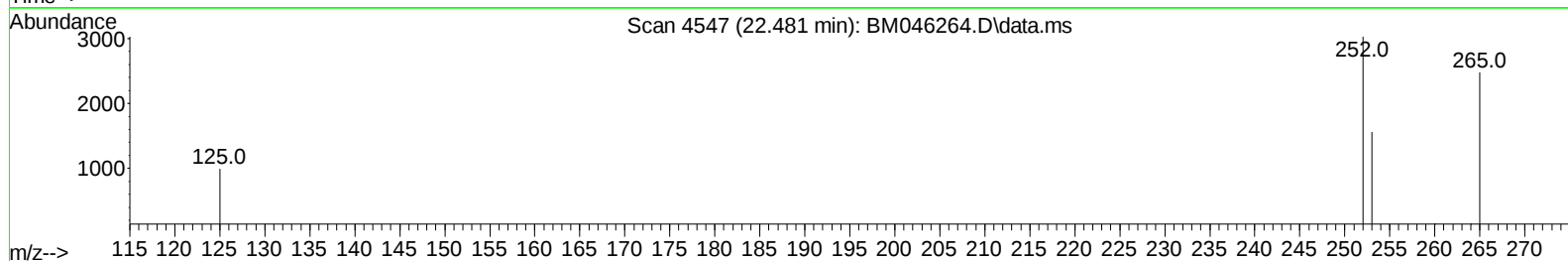
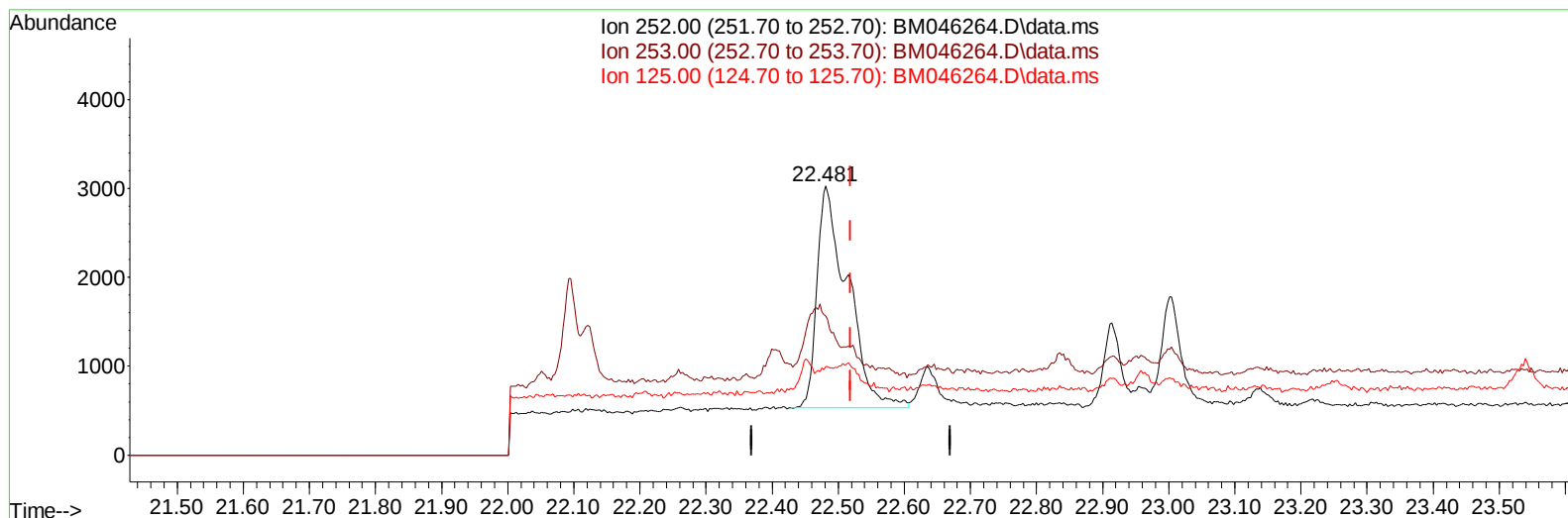
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062424\  
Data File : BM046264.D  
Acq On : 24 Jun 2024 21:46  
Operator : MA/JU  
Sample : P2776-19DL 5X  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4C72DL

## Manual IntegrationsAPPROVED

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TIC: BM046264.D\data.ms

## (24) Benzo(b)fluoranthene

22.481min (-0.038) 0.31 ng/u1

response 8032

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 32.90  | 51.65  |
| 125.00 | 20.10  | 32.83  |
| 0.00   | 0.00   | 0.00   |

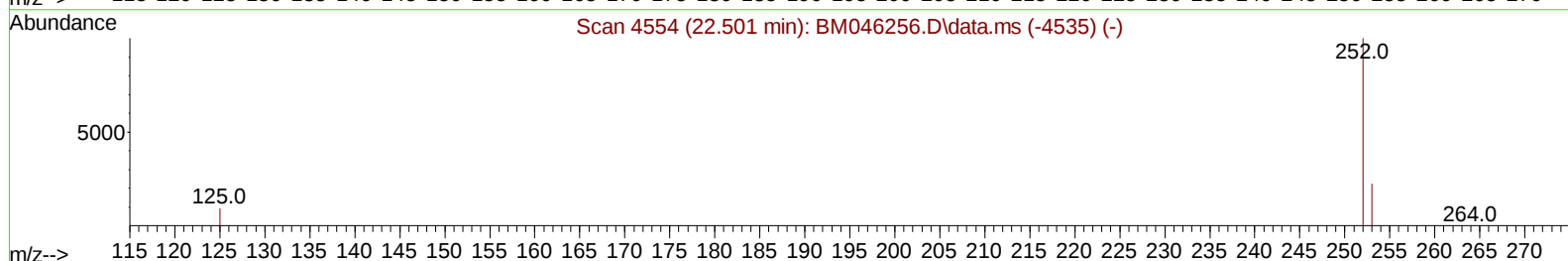
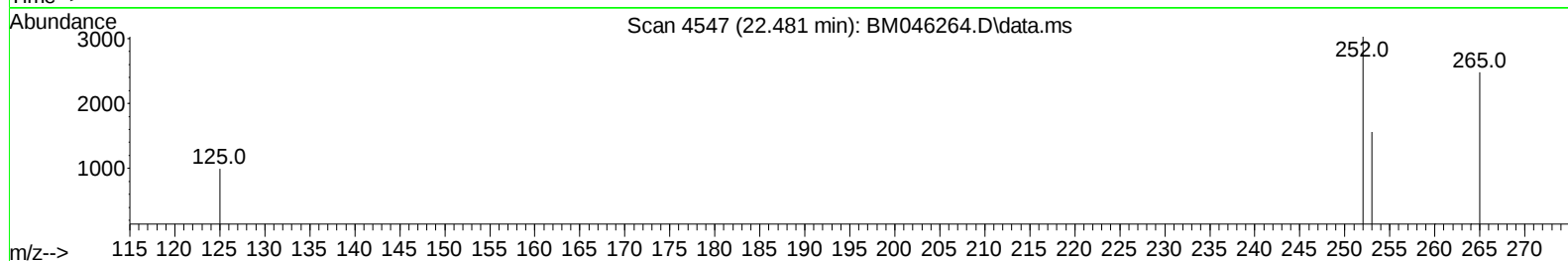
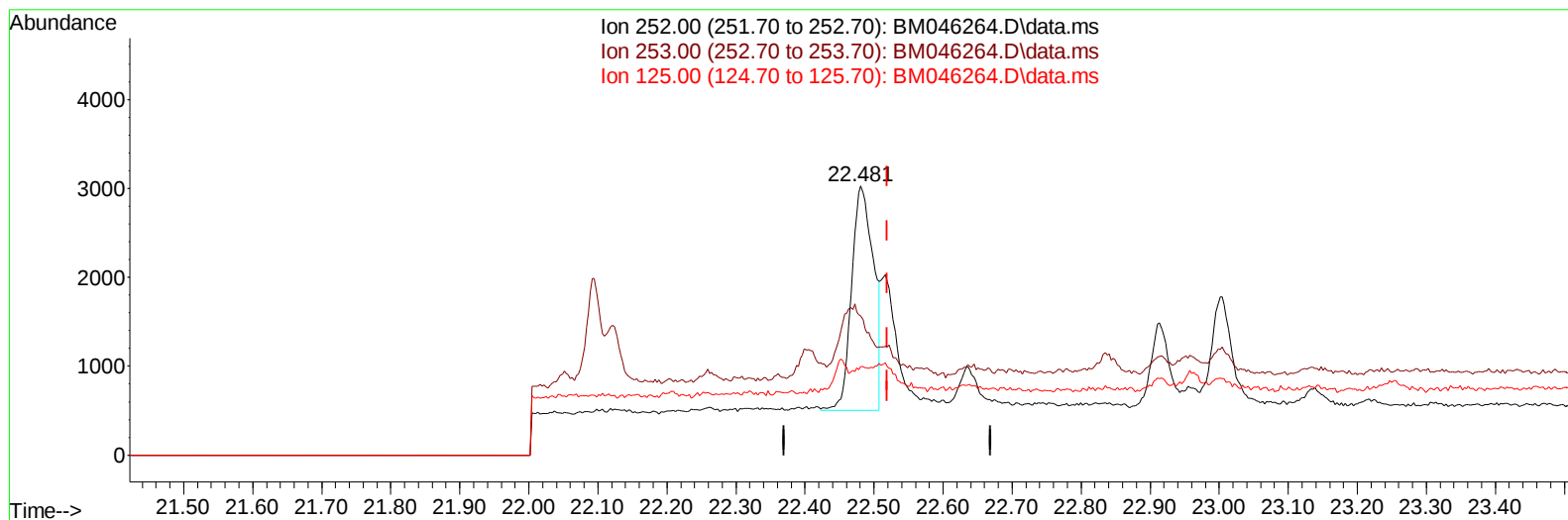
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062424\  
Data File : BM046264.D  
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Operator : MA/JU  
Sample : P2776-19DL 5X  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4C72DL

Manual IntegrationsAPPROVED

Quant Time: Jun 25 02:27:38 2024  
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TIC: BM046264.D\data.ms

(24) Benzo(b)fluoranthene

22.481min (-0.038) 0.22 ng/u1 m

response 5578

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 32.90  | 51.65  |
| 125.00 | 20.10  | 32.83  |
| 0.00   | 0.00   | 0.00   |

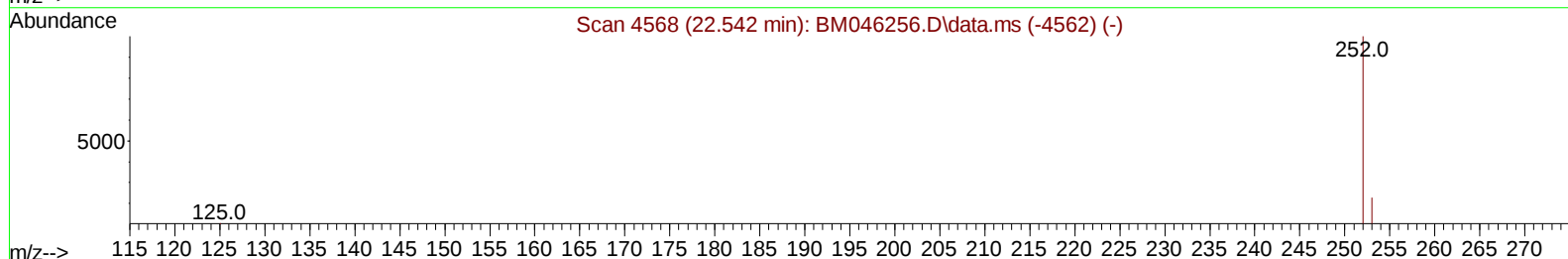
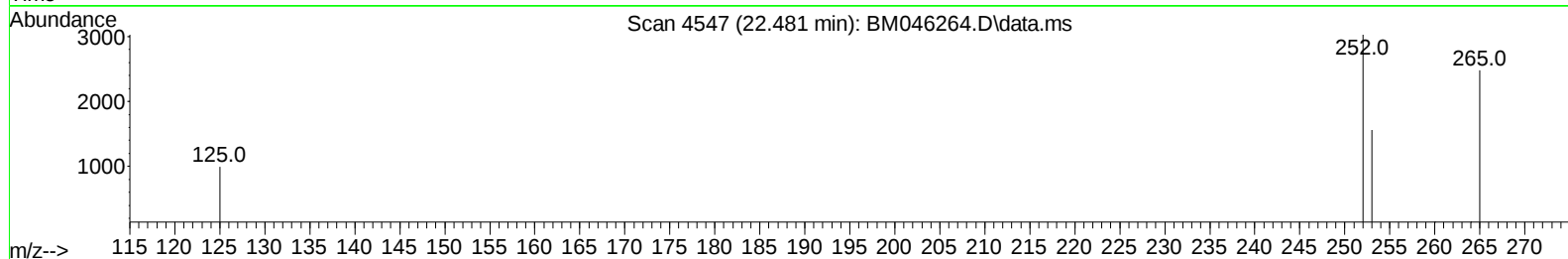
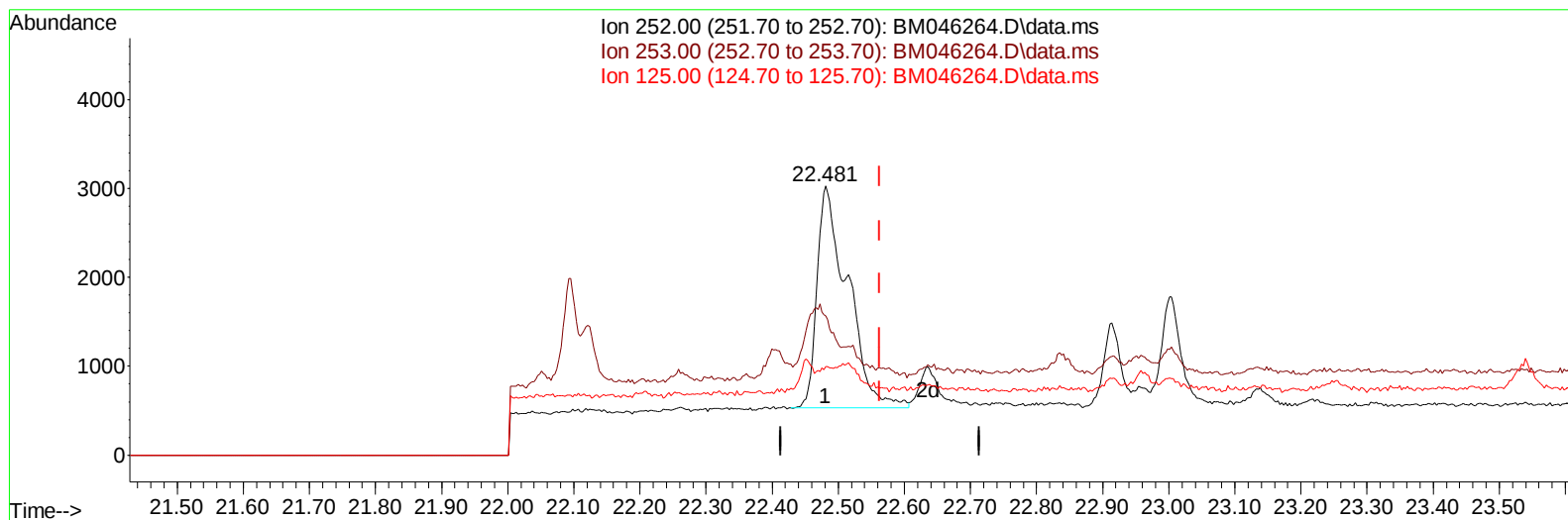
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Data File : BM046264.D  
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Operator : MA/JU  
Sample : P2776-19DL 5X  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4C72DL

Manual IntegrationsAPPROVED

Quant Time: Jun 25 02:27:38 2024  
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TIC: BM046264.D\data.ms

(25) Benzo(k)fluoranthene

22.481min (-0.082) 0.26 ng/u1

response 8032

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 34.00  | 51.65# |
| 125.00 | 20.80  | 32.83# |
| 0.00   | 0.00   | 0.00   |

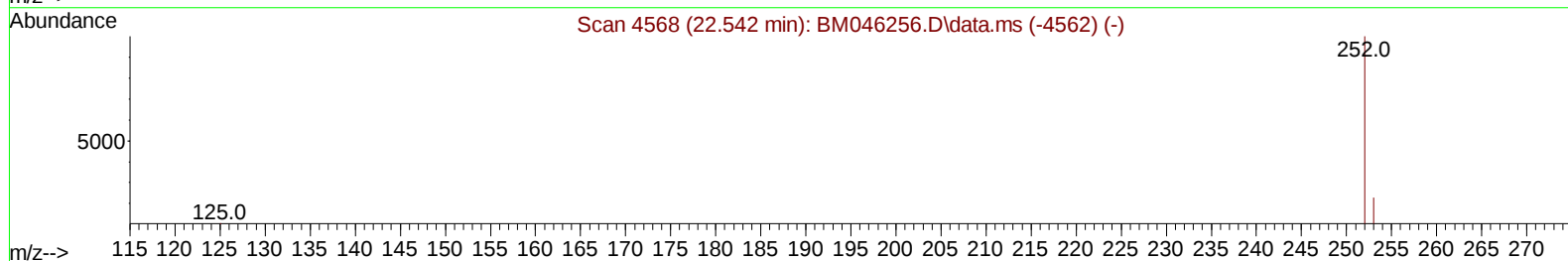
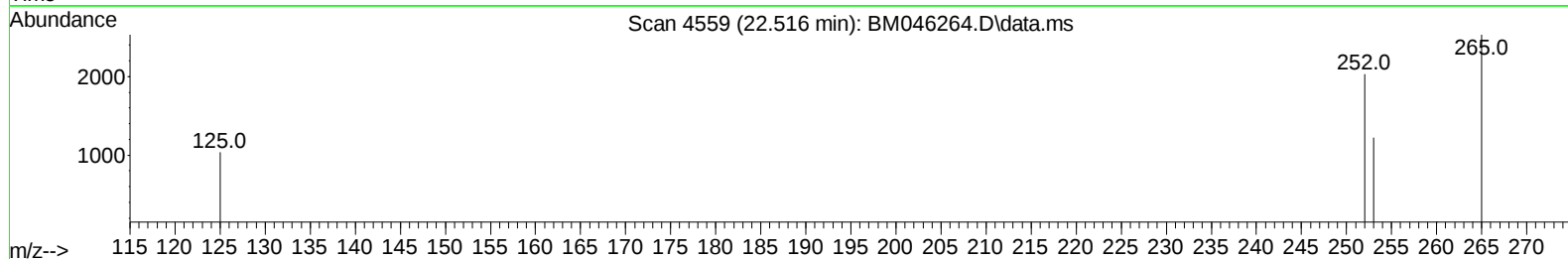
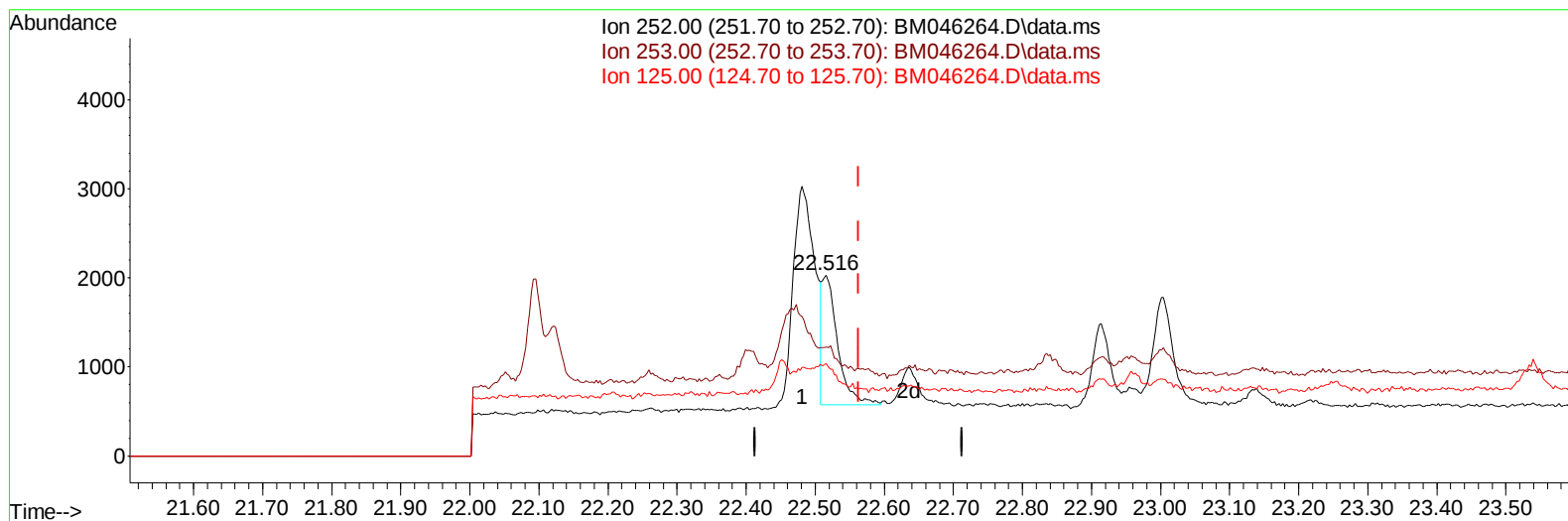
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Data File : BM046264.D  
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Operator : MA/JU  
Sample : P2776-19DL 5X  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4C72DL

Manual IntegrationsAPPROVED

Quant Time: Jun 25 02:27:38 2024  
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TIC: BM046264.D\data.ms

(25) Benzo(k)fluoranthene

22.516min (-0.047) 0.07 ng/u1 m

response 2294

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 34.00  | 60.18# |
| 125.00 | 20.80  | 50.93# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062424\  
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 Operator : MA/JU  
 Sample : P2776-19DL 5X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4C72DL

## Manual IntegrationsAPPROVED

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Quant Time: Jun 25 02:27:38 2024  
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 QLast Update : Mon Jun 24 02:25:34 2024  
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| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.417  | 152 |     | 2339     | 0.400 | ng/ul  | -0.05    |
| 4) Naphthalene-d8           | 10.227 | 136 |     | 6648     | 0.400 | ng/ul  | -0.03    |
| 9) Acenaphthene-d10         | 14.067 | 164 |     | 3869     | 0.400 | ng/ul  | #-0.04   |
| 13) Phenanthrene-d10        | 16.816 | 188 |     | 7252     | 0.400 | ng/ul  | -0.05    |
| 17) Chrysene-d12            | 21.008 | 240 |     | 5936     | 0.400 | ng/ul  | -0.04    |
| 23) Perylene-d12            | 23.092 | 264 |     | 7181m    | 0.400 | ng/ul  | -0.05    |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.029  | 96  |     | 1759     | 0.548 | ng/ul  | -0.02    |
| 6) 2-Methylnaphthalene-d10  | 11.860 | 152 |     | 401      | 0.045 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.844 | 212 |     | 854      | 0.048 | ng/ul  | -0.04    |
| Target Compounds            |        |     |     |          |       |        |          |
|                             |        |     |     |          |       | Qvalue |          |
| 10) Acenaphthylene          | 13.794 | 152 |     | 511      | 0.028 | ng/ul# | 52       |
| 15) Phenanthrene            | 16.858 | 178 |     | 2355     | 0.116 | ng/ul# | 91       |
| 16) Anthracene              | 16.951 | 178 |     | 615      | 0.041 | ng/ul# | 59       |
| 19) Fluoranthene            | 18.872 | 202 |     | 6642     | 0.258 | ng/ul  | 99       |
| 20) Pyrene                  | 19.230 | 202 |     | 5960     | 0.214 | ng/ul# | 94       |
| 21) Benzo(a)anthracene      | 20.994 | 228 |     | 3395     | 0.148 | ng/ul# | 85       |
| 22) Chrysene                | 21.043 | 228 |     | 3320     | 0.113 | ng/ul# | 88       |
| 24) Benzo(b)fluoranthene    | 22.481 | 252 |     | 5578m    | 0.216 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.516 | 252 |     | 2294m    | 0.075 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.004 | 252 |     | 2421     | 0.101 | ng/ul# | 56       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.145 | 276 |     | 2509     | 0.064 | ng/ul# | 89       |
| 28) Dibenzo(a,h)anthracene  | 25.148 | 278 |     | 701      | 0.024 | ng/ul# | 1        |
| 29) Benzo(g,h,i)perylene    | 25.765 | 276 |     | 832      | 0.025 | ng/ul# | 13       |
| -----                       |        |     |     |          |       |        |          |

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

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