

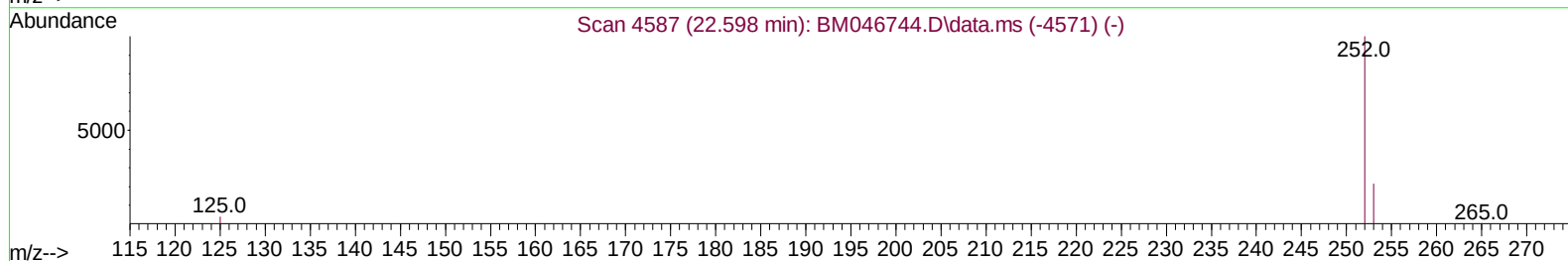
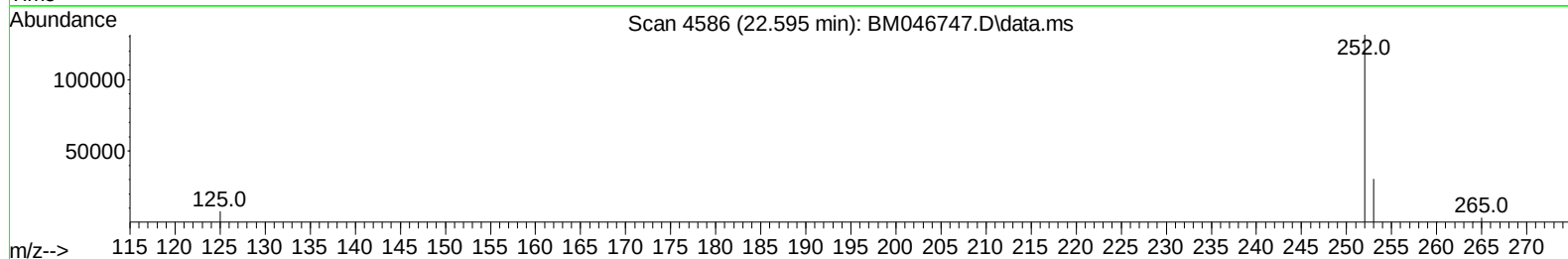
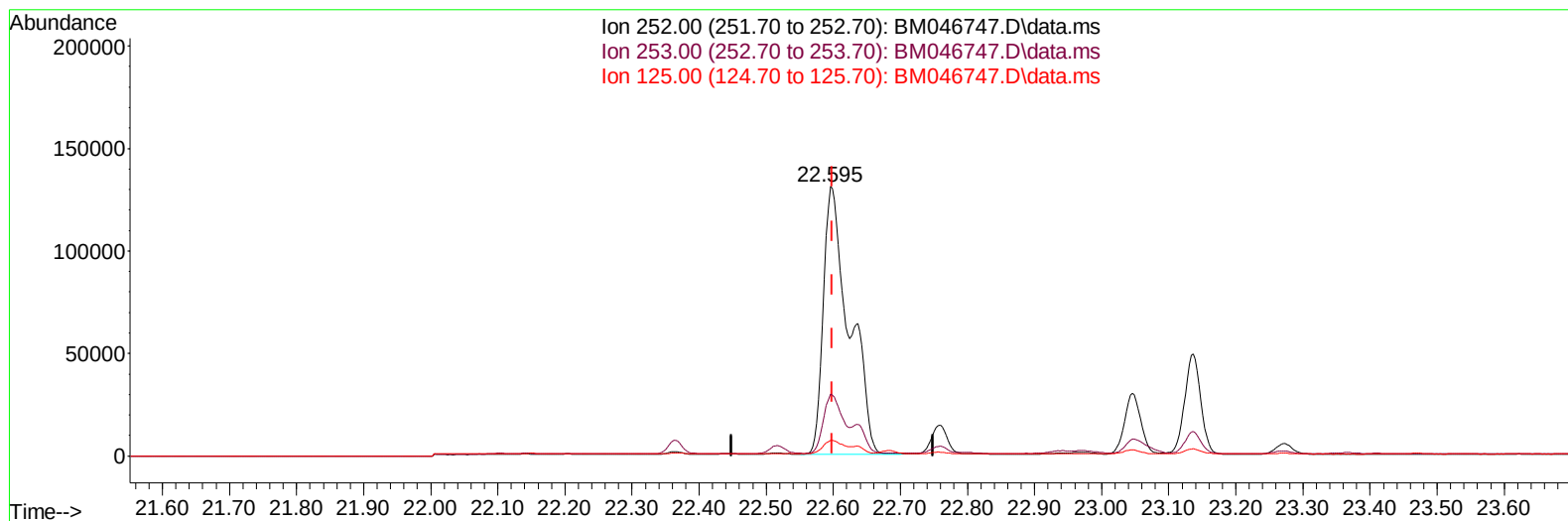
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072224\  
Data File : BM046747.D  
Acq On : 22 Jul 2024 12:18  
Operator : MA/JU  
Sample : P3238-09  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BF4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 13:01:08 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM071024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 19 11:38:04 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024  
Supervised By :mohammad ahmed 07/23/2024



TIC: BM046747.D\data.ms

(24) Benzo(b)fluoranthene

22.595min (-0.003) 10.12 ng/u1

response 349062

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.10  | 23.06  |
| 125.00 | 8.90   | 5.76   |
| 0.00   | 0.00   | 0.00   |

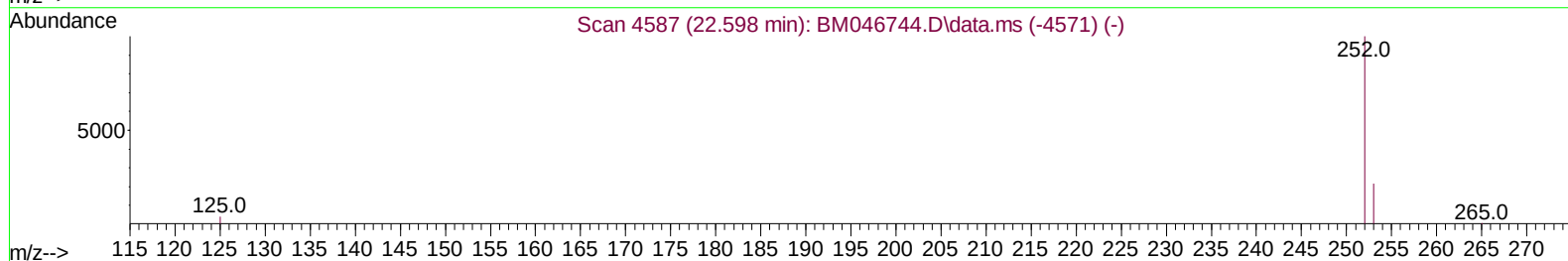
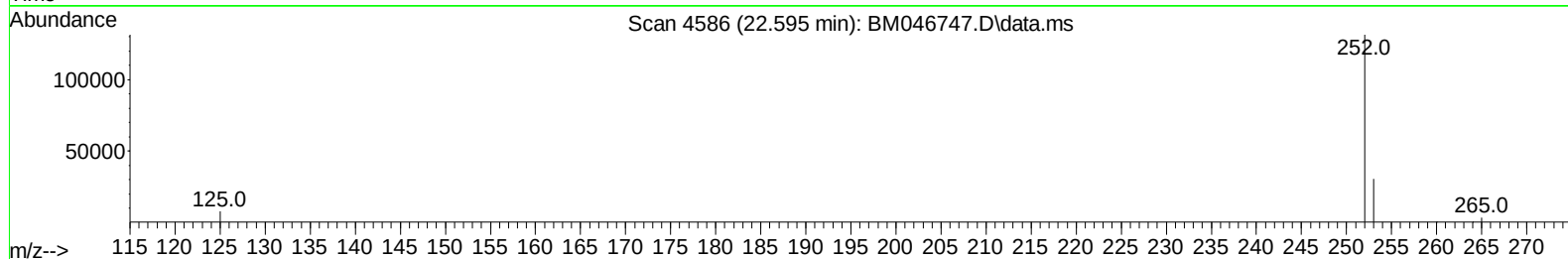
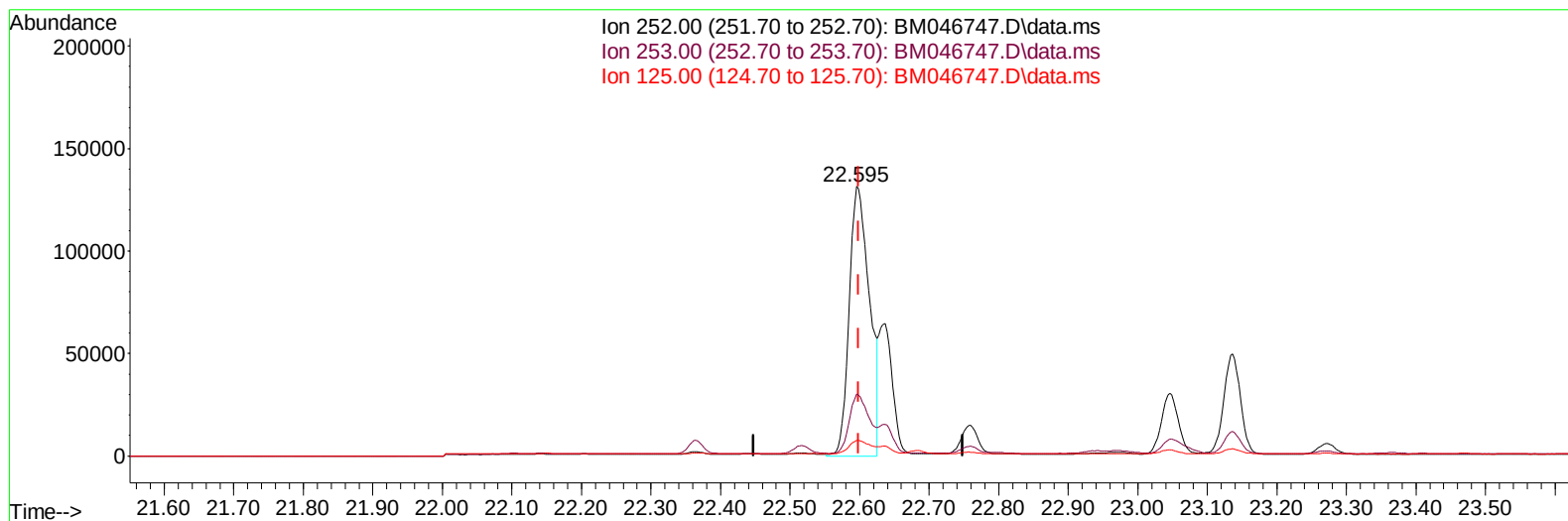
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TIC: BM046747.D\data.ms

(24) Benzo(b)fluoranthene

22.595min (-0.003) 7.71 ng/ul m

response 265655

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.10  | 23.06  |
| 125.00 | 8.90   | 5.76   |
| 0.00   | 0.00   | 0.00   |

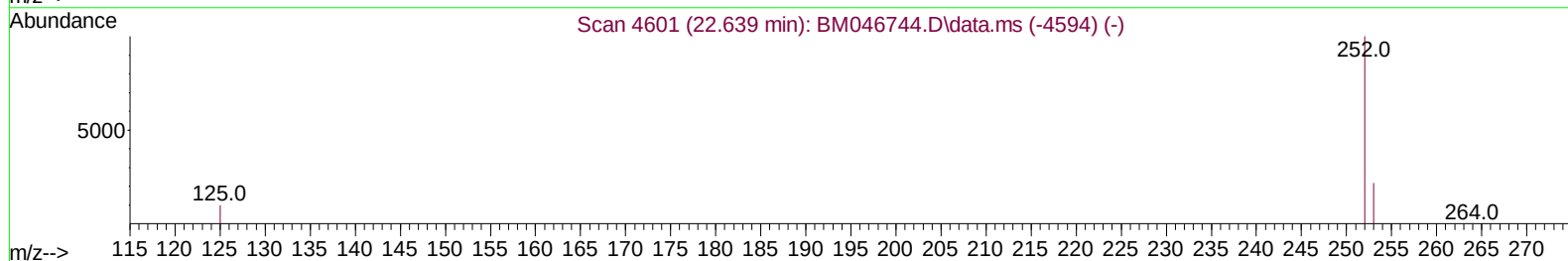
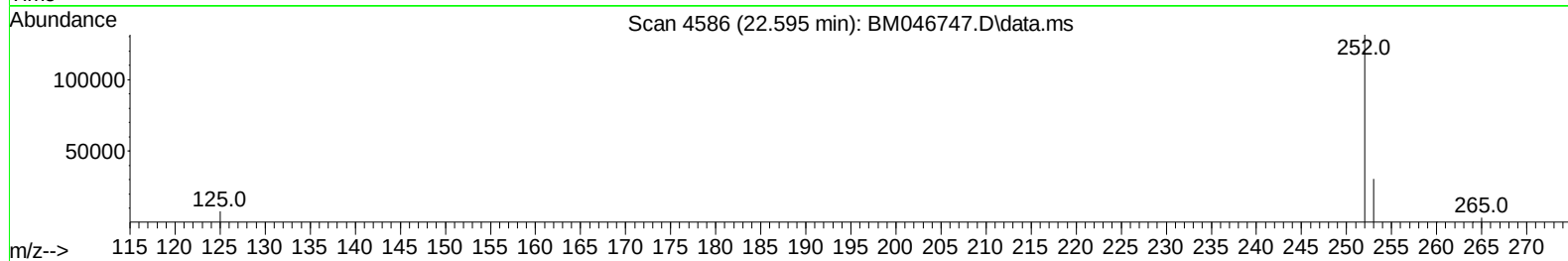
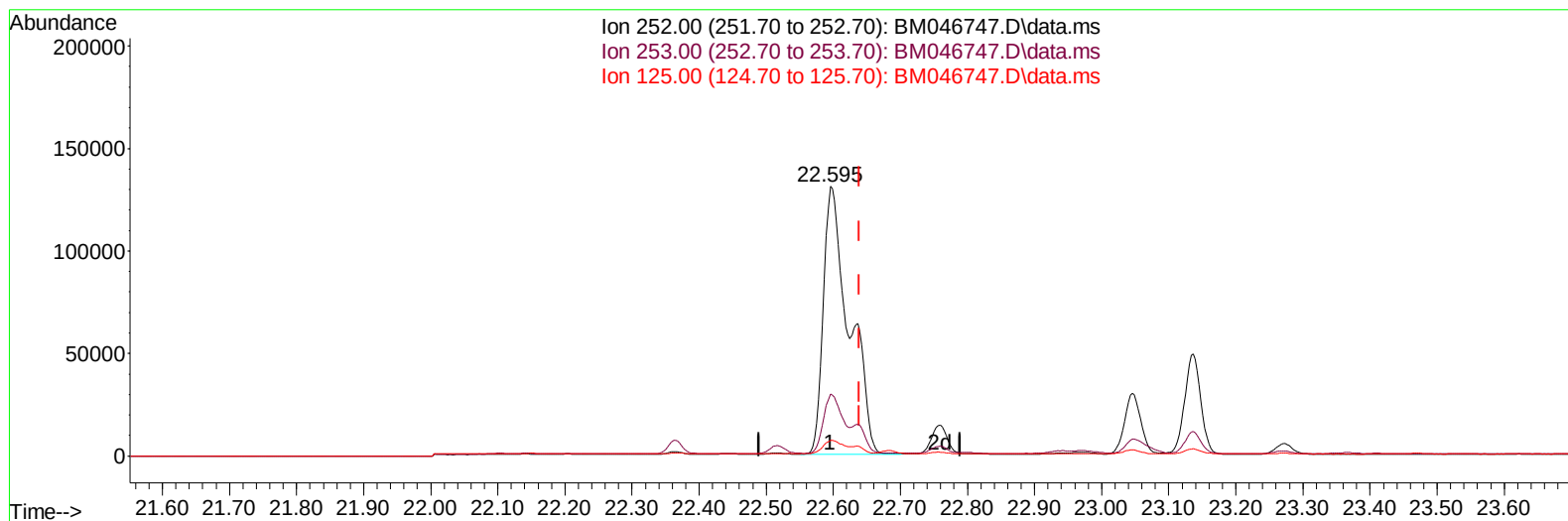
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072224\  
Data File : BM046747.D  
Acq On : 22 Jul 2024 12:18  
Operator : MA/JU  
Sample : P3238-09  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BF4

Manual IntegrationsAPPROVED

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TIC: BM046747.D\data.ms

(25) Benzo(k)fluoranthene

22.595min (-0.044) 10.31 ng/u1

response 349062

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.00  | 23.06  |
| 125.00 | 8.70   | 5.76#  |
| 0.00   | 0.00   | 0.00   |

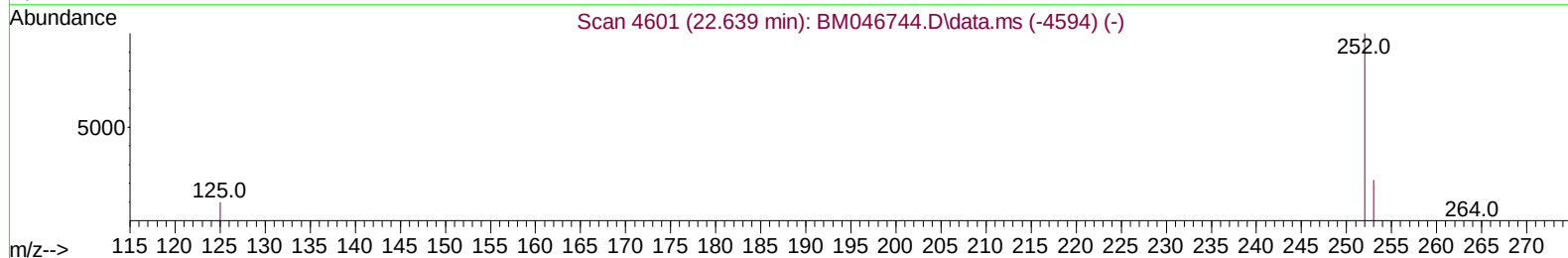
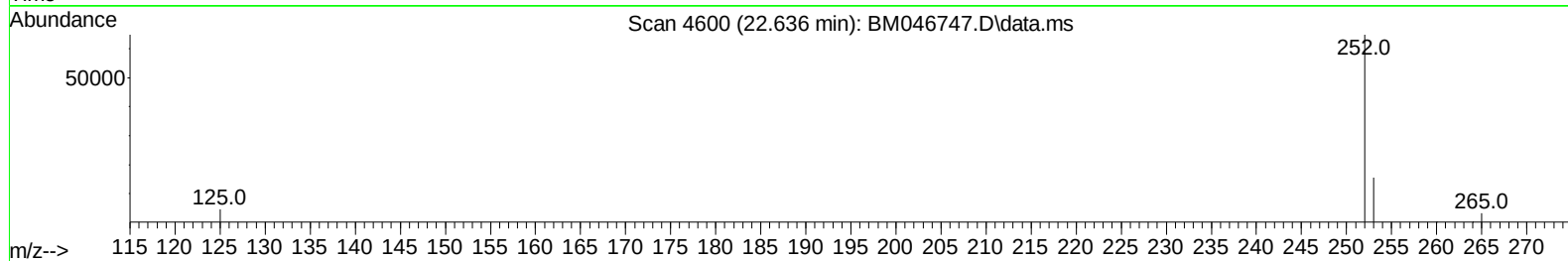
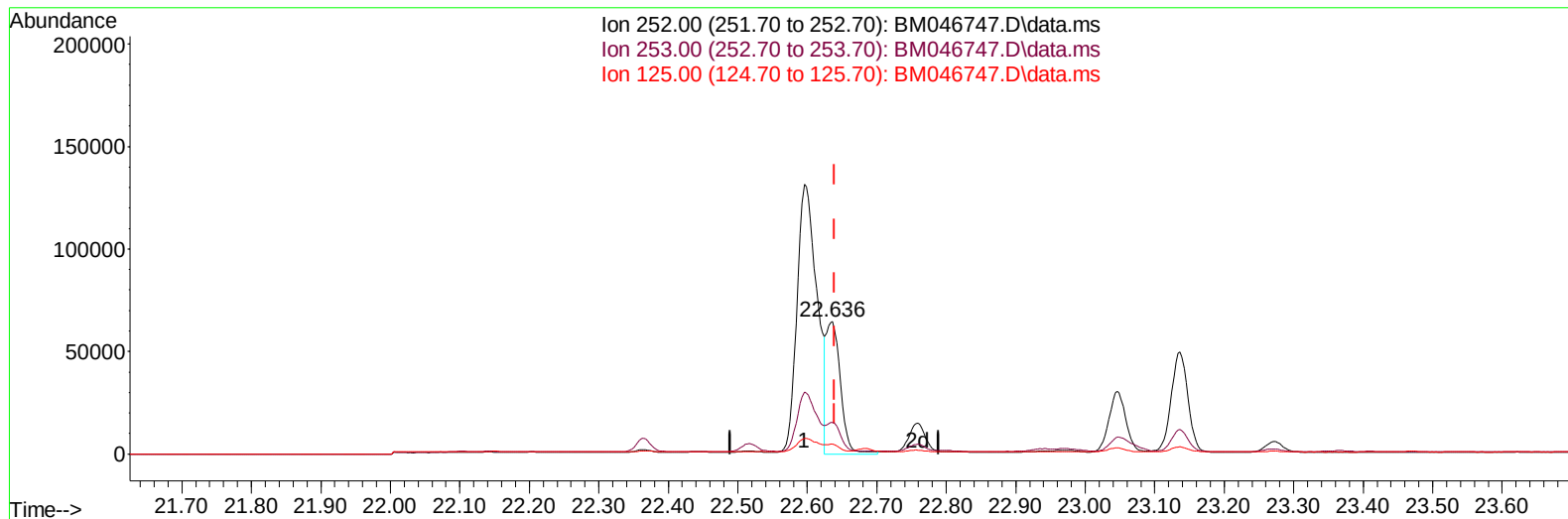
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072224\  
Data File : BM046747.D  
Acq On : 22 Jul 2024 12:18  
Operator : MA/JU  
Sample : P3238-09  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BF4

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024  
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TIC: BM046747.D\data.ms

## (25) Benzo(k)fluoranthene

22.636min (-0.003) 2.68 ng/ul m

response 90761

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.00  | 23.93  |
| 125.00 | 8.70   | 7.26   |
| 0.00   | 0.00   | 0.00   |

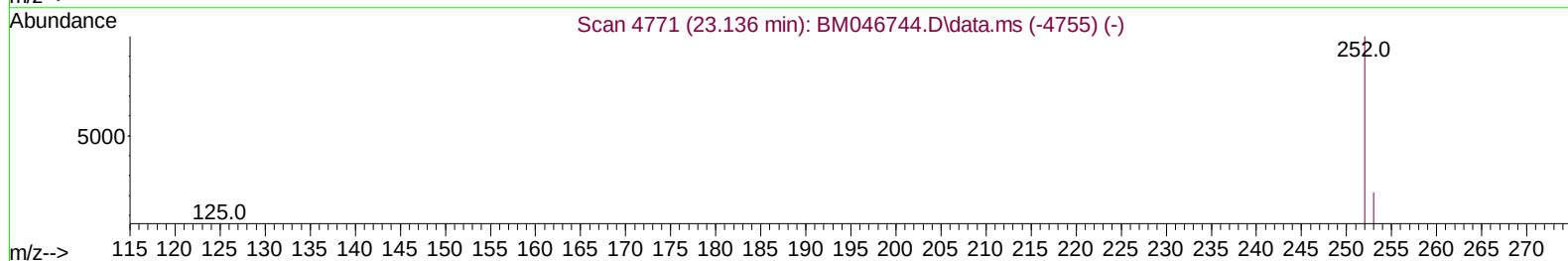
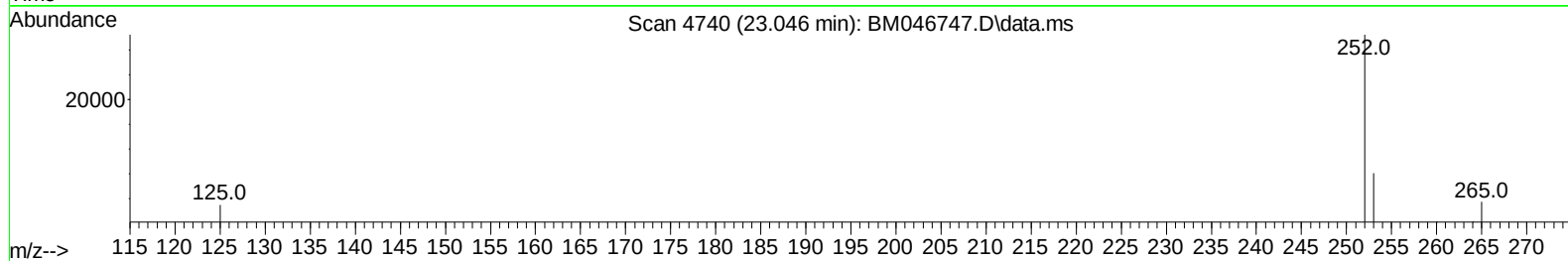
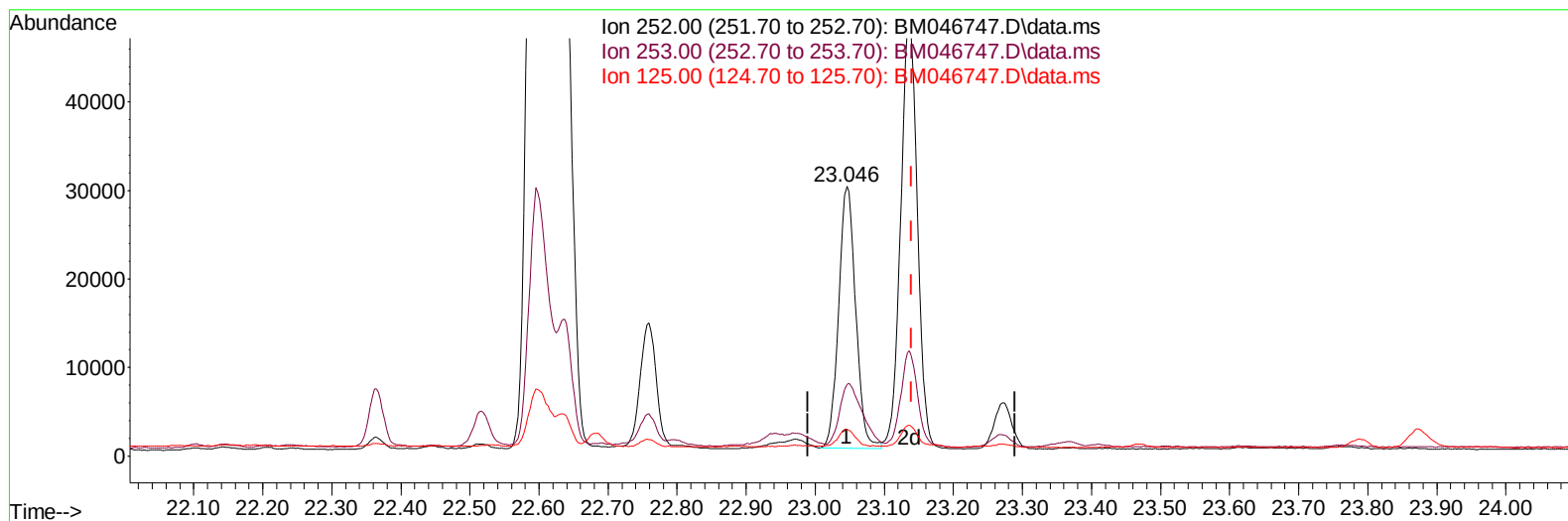
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072224\  
Data File : BM046747.D  
Acq On : 22 Jul 2024 12:18  
Operator : MA/JU  
Sample : P3238-09  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BF4

Manual IntegrationsAPPROVED

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TIC: BM046747.D\data.ms

(26) Benzo(a)pyrene (C)

23.046min (-0.094) 1.78 ng/u1

response 50478

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 30.00  | 26.65  |
| 125.00 | 10.20  | 9.88   |
| 0.00   | 0.00   | 0.00   |

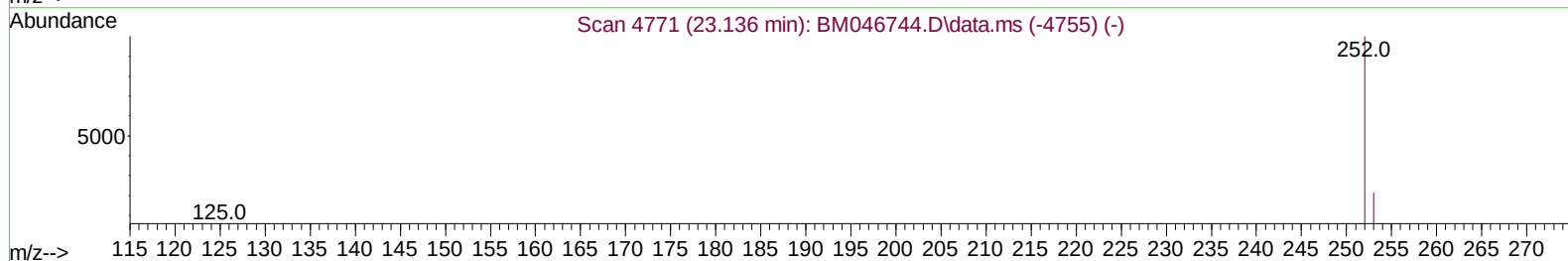
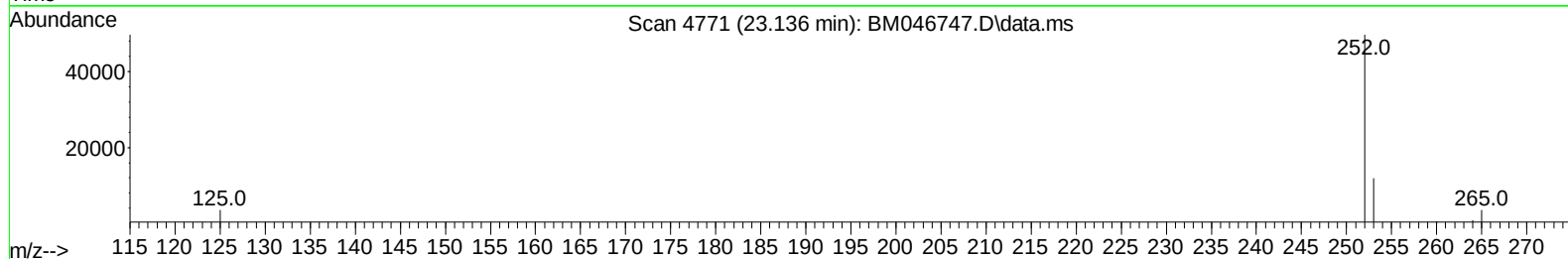
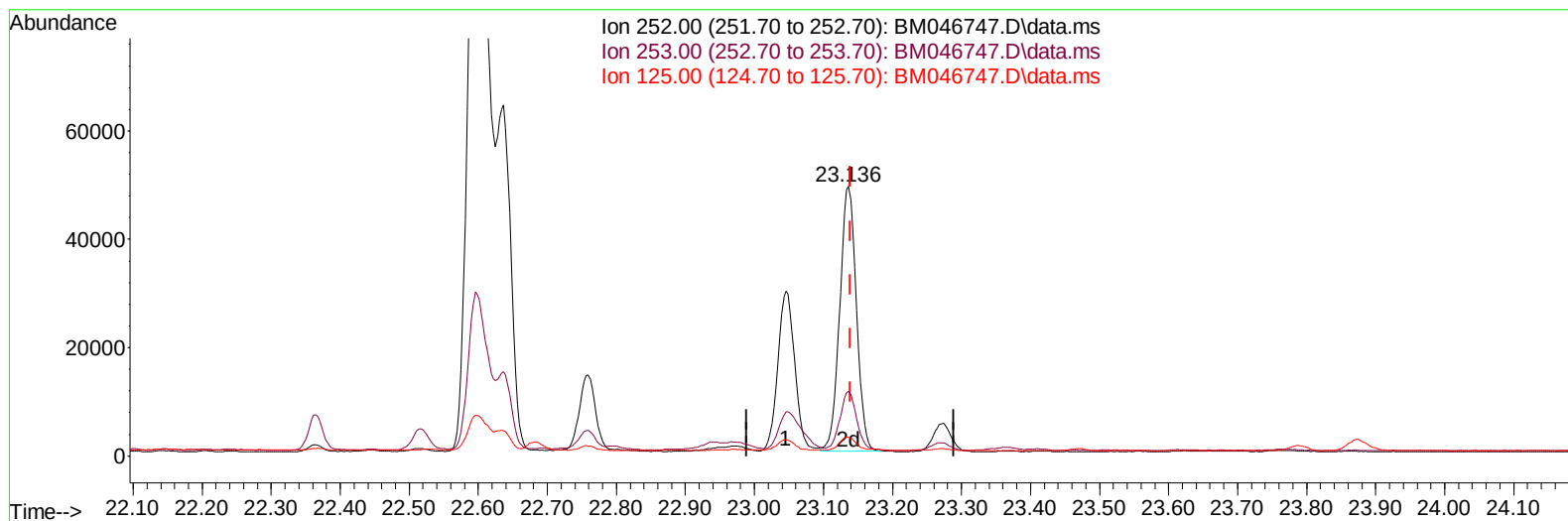
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Operator : MA/JU  
Sample : P3238-09  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BF4

Manual IntegrationsAPPROVED

Quant Time: Jul 22 13:01:08 2024  
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TIC: BM046747.D\data.ms

(26) Benzo(a)pyrene (C)

23.136min (-0.003) 2.88 ng/ul m

response 81856

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 30.00  | 23.90# |
| 125.00 | 10.20  | 7.00#  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072224\  
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 Acq On : 22 Jul 2024 12:18  
 Operator : MA/JU  
 Sample : P3238-09  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4BF4

## Manual IntegrationsAPPROVED

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 QLast Update : Fri Jul 19 11:38:04 2024  
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| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.485  | 152  | 2746     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.242 | 136  | 7263     | 0.400  | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.131 | 164  | 4672     | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.882 | 188  | 9687     | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.094 | 240  | 10720    | 0.400  | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.227 | 264  | 8632     | 0.400  | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.105  | 96   | 5622     | 2.492  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.843 | 152  | 2022     | 0.173  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.922 | 212  | 6336     | 0.194  | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        |        | Qvalue   |
| 5) Naphthalene              | 10.292 | 128  | 1987     | 0.108  | ng/ul# | 93       |
| 7) 2-Methylnaphthalene      | 11.920 | 142  | 755      | 0.058  | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.140 | 142  | 609      | 0.046  | ng/ul  | 98       |
| 10) Acenaphthylene          | 13.844 | 152  | 4916     | 0.231  | ng/ul  | 98       |
| 11) Acenaphthene            | 14.191 | 153  | 2739     | 0.192  | ng/ul  | 96       |
| 12) Fluorene                | 15.186 | 166  | 3698     | 0.210  | ng/ul  | 95       |
| 15) Phenanthrene            | 16.925 | 178  | 113442   | 4.104  | ng/ul  | 98       |
| 16) Anthracene              | 17.013 | 178  | 17314    | 0.642  | ng/ul  | 99       |
| 19) Fluoranthene            | 18.954 | 202  | 528717   | 12.007 | ng/ul# | 97       |
| 20) Pyrene                  | 19.317 | 202  | 329297   | 6.907  | ng/ul# | 95       |
| 21) Benzo(a)anthracene      | 21.076 | 228  | 186504   | 3.933  | ng/ul  | 99       |
| 22) Chrysene                | 21.129 | 228  | 226084   | 4.927  | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.595 | 252  | 265655m  | 7.705  | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.636 | 252  | 90761m   | 2.681  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.136 | 252  | 81856m   | 2.885  | ng/ul  |          |
| 27) Indeno(1,2,3-cd)pyrene  | 25.337 | 276  | 97753    | 2.264  | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.350 | 278  | 30875    | 0.903  | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 25.980 | 276  | 14770    | 0.429  | ng/ul# | 90       |
| -----                       |        |      |          |        |        |          |

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

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