

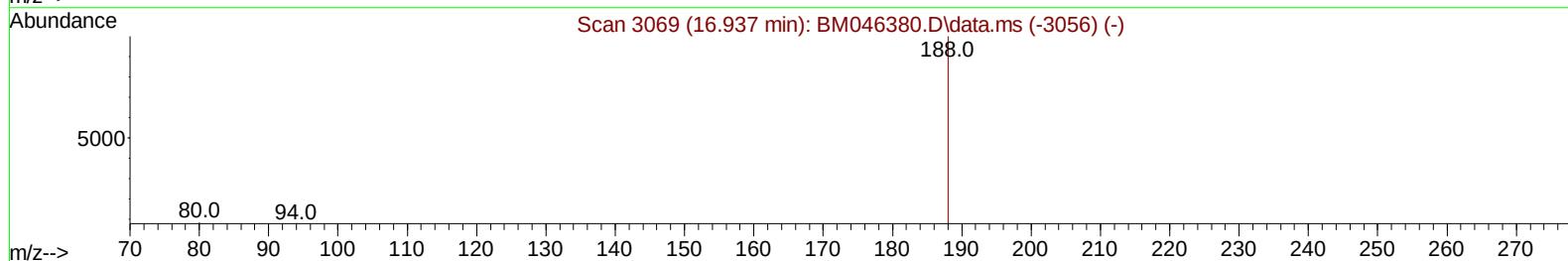
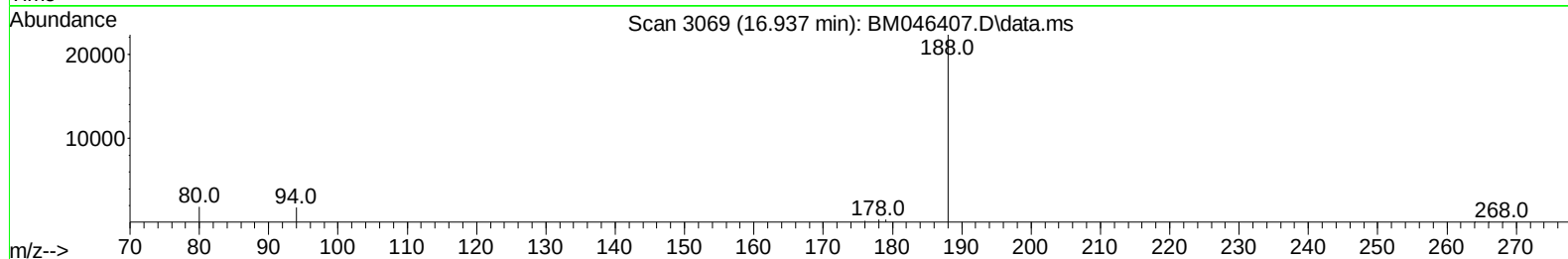
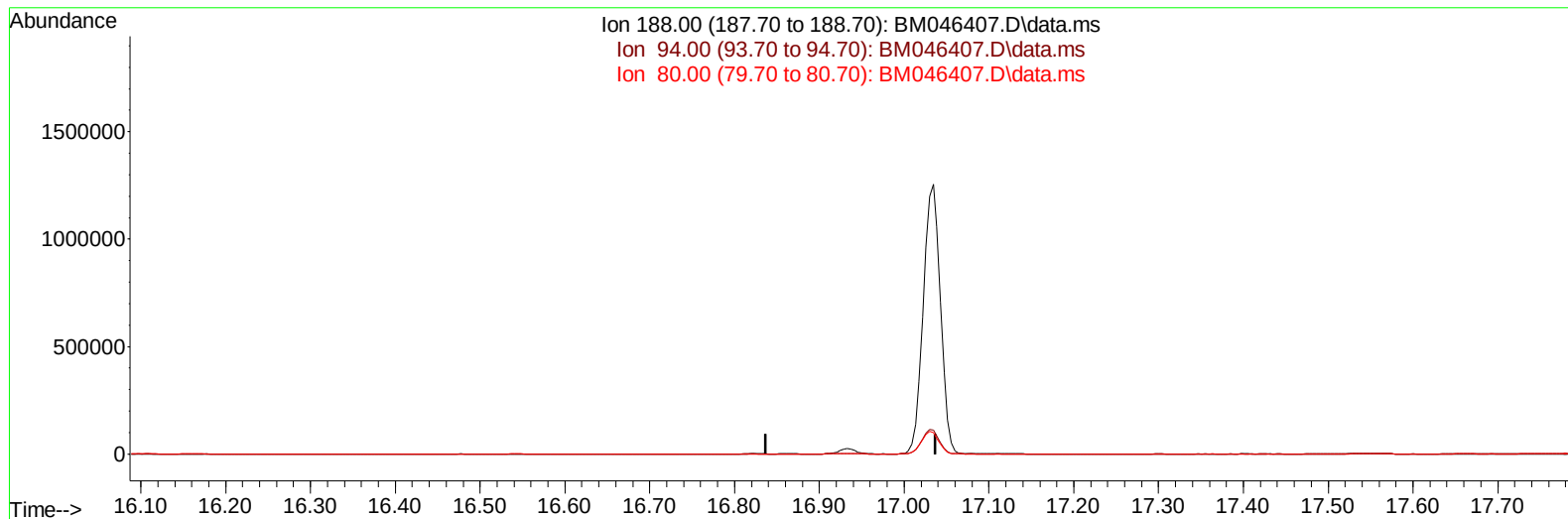
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070524\  
Data File : BM046407.D  
Acq On : 06 Jul 2024 07:16  
Operator : MA/JU  
Sample : P3010-10  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CW6

Manual IntegrationsAPPROVED

Quant Time: Jul 08 00:46:42 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM070524.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 05 16:01:25 2024  
Response via : Initial Calibration

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



TIC: BM046407.D\data.ms

(13) Phenanthrene-d10 (I)

16.937min (-16.937) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 188.00 | 100.00 | 0.00  |
| 94.00  | 8.50   | 0.00# |
| 80.00  | 9.20   | 0.00# |
| 0.00   | 0.00   | 0.00  |

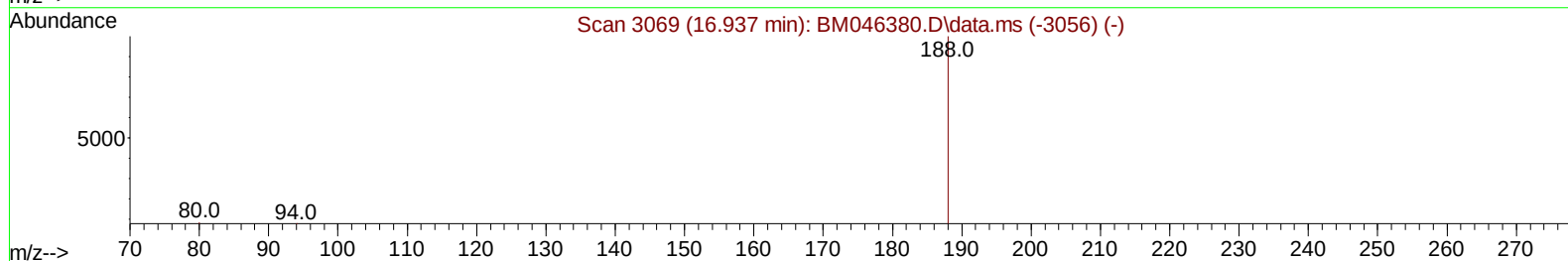
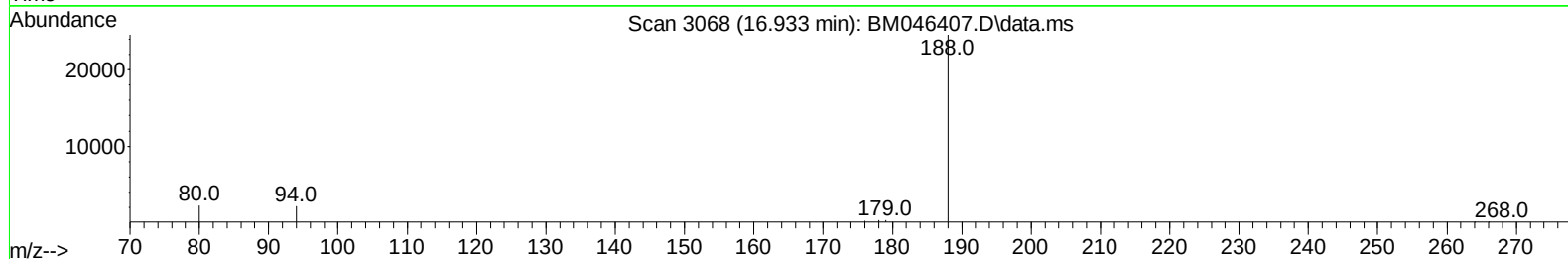
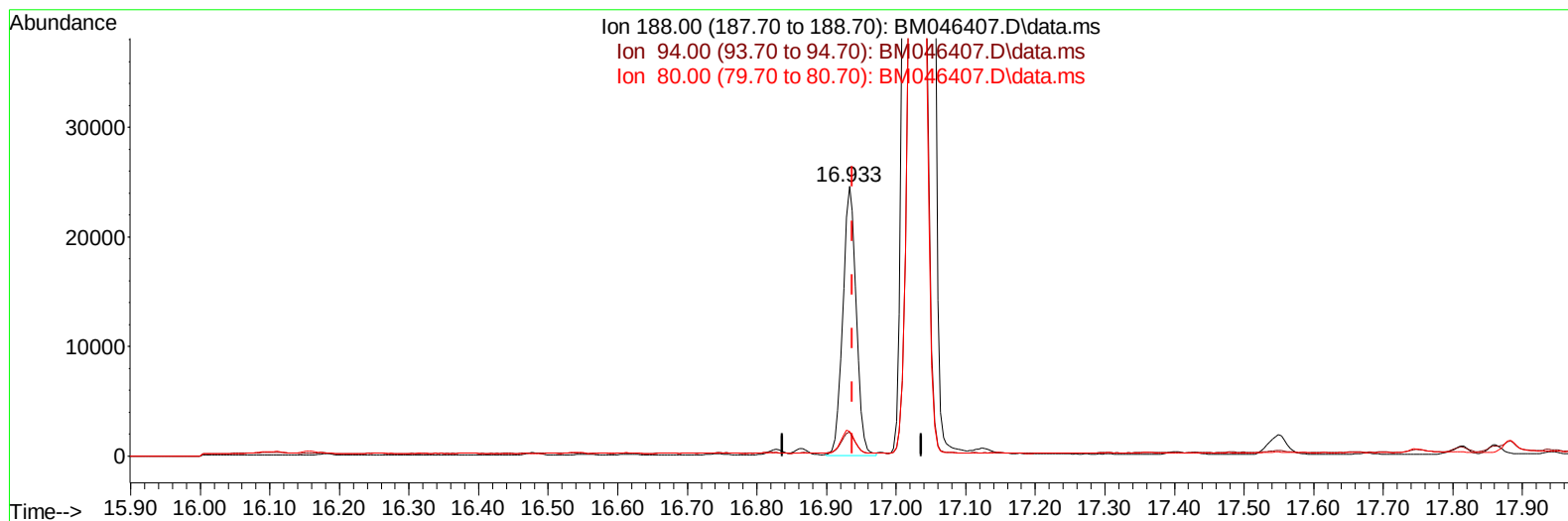
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ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
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TIC: BM046407.D\data.ms

(13) Phenanthrene-d10 (I)

16.933min (-0.004) 0.40 ng/ul m

response 33070

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 8.50   | 8.82   |
| 80.00  | 9.20   | 9.19   |
| 0.00   | 0.00   | 0.00   |

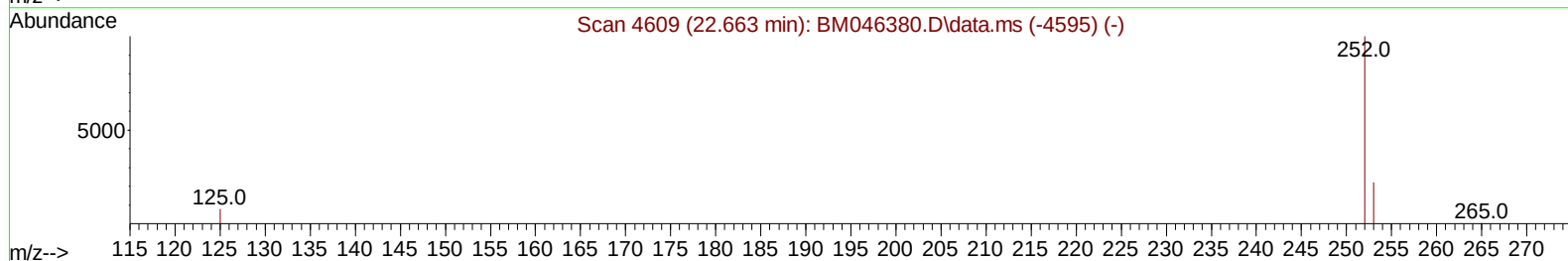
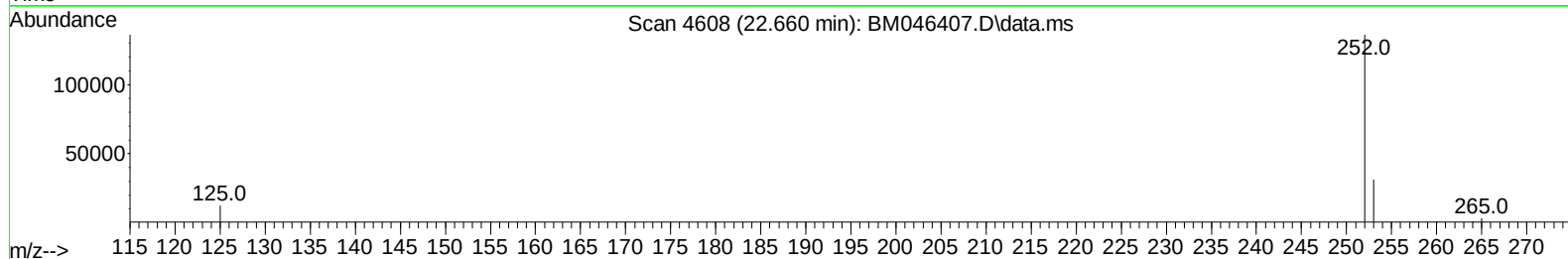
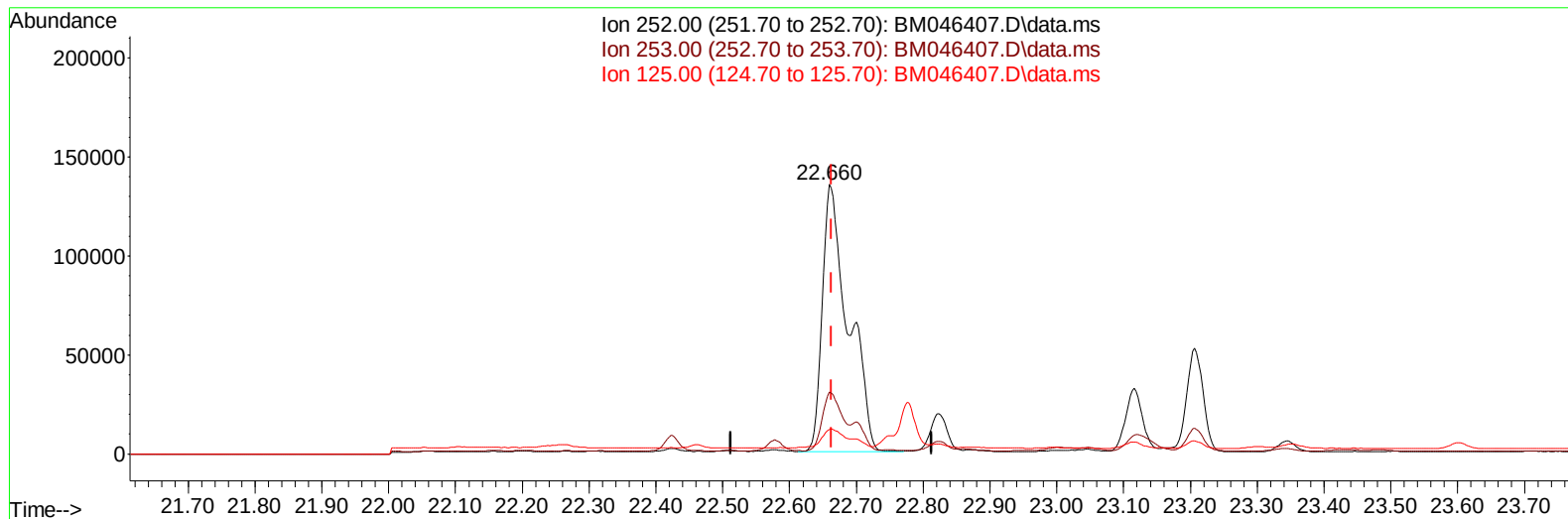
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070524\  
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Sample : P3010-10  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CW6

Manual IntegrationsAPPROVED

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TIC: BM046407.D\data.ms

(24) Benzo(b)fluoranthene

22.660min (-0.003) 5.63 ng/u1

response 363418

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 23.50  | 22.97  |
| 125.00 | 9.20   | 9.21   |
| 0.00   | 0.00   | 0.00   |

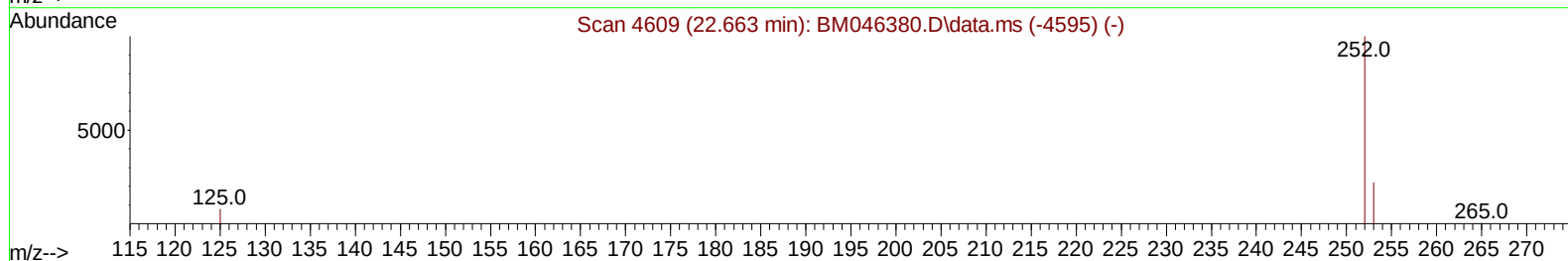
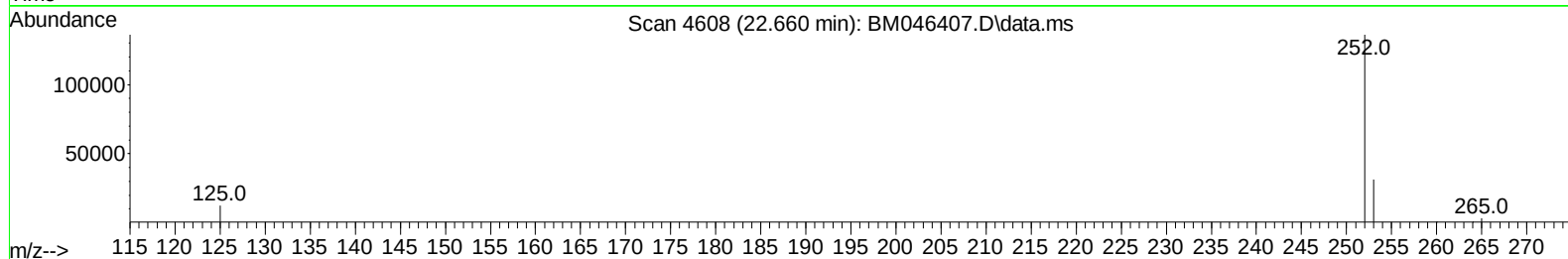
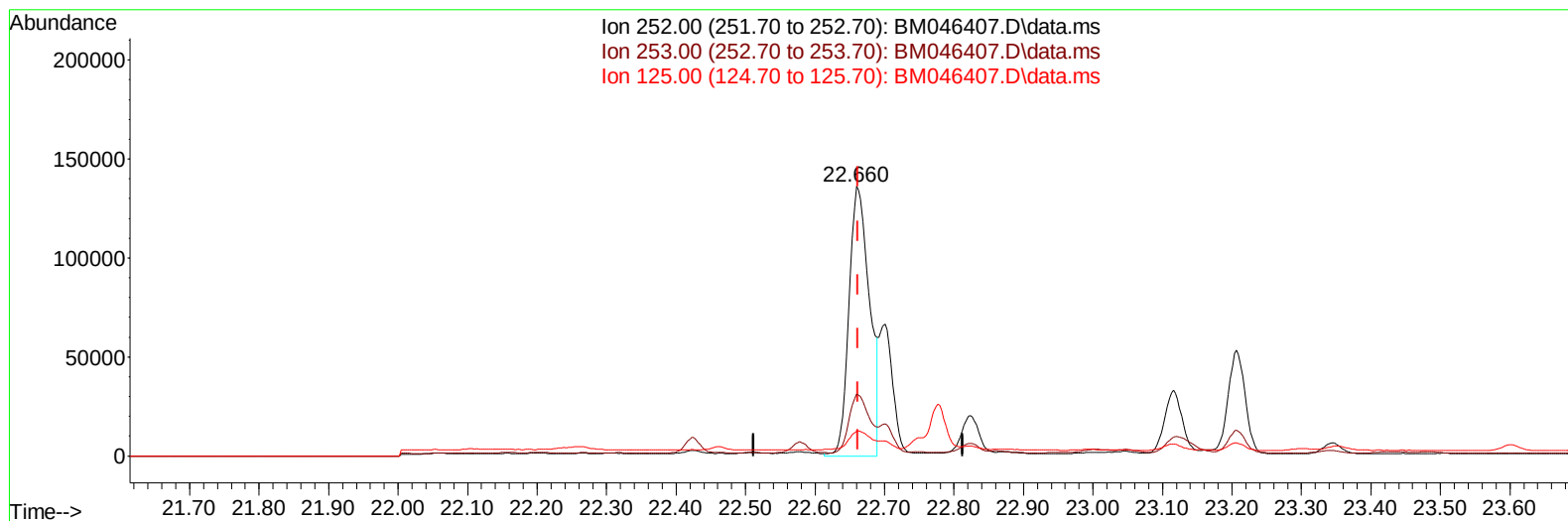
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070524\  
Data File : BM046407.D  
Acq On : 06 Jul 2024 07:16  
Operator : MA/JU  
Sample : P3010-10  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CW6

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/08/2024



TIC: BM046407.D\data.ms

(24) Benzo(b)fluoranthene

22.660min (-0.003) 4.32 ng/ul m

response 278766

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 23.50  | 22.97  |
| 125.00 | 9.20   | 9.21   |
| 0.00   | 0.00   | 0.00   |

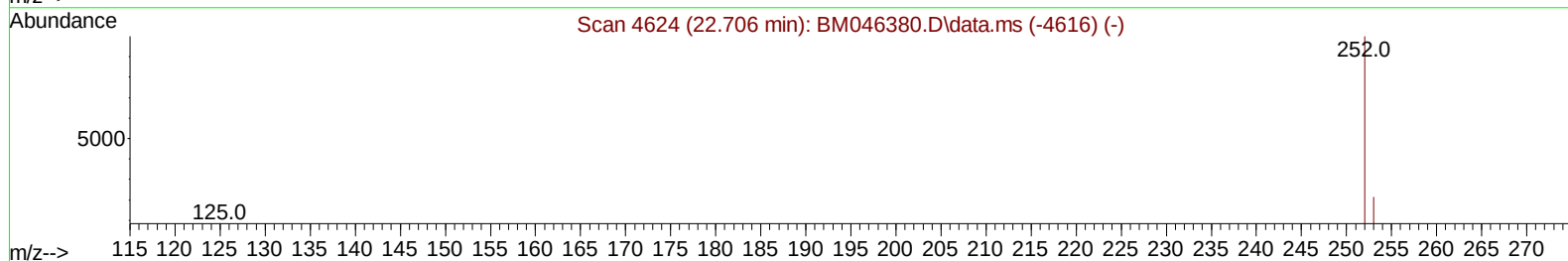
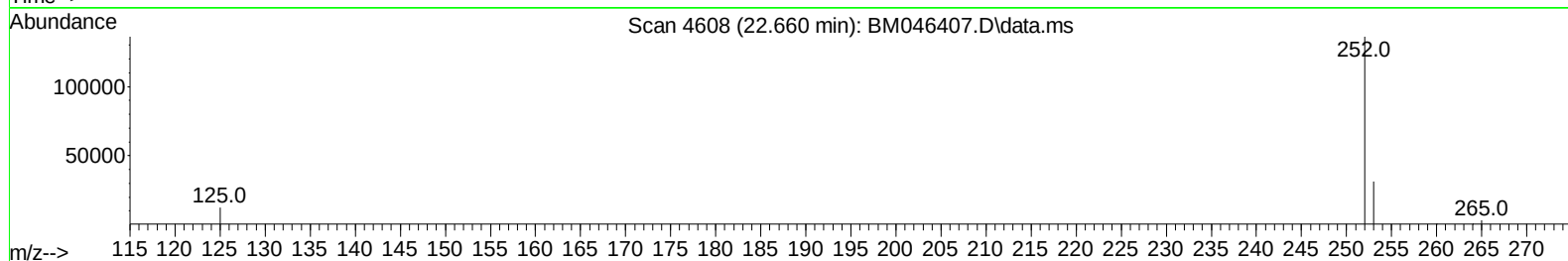
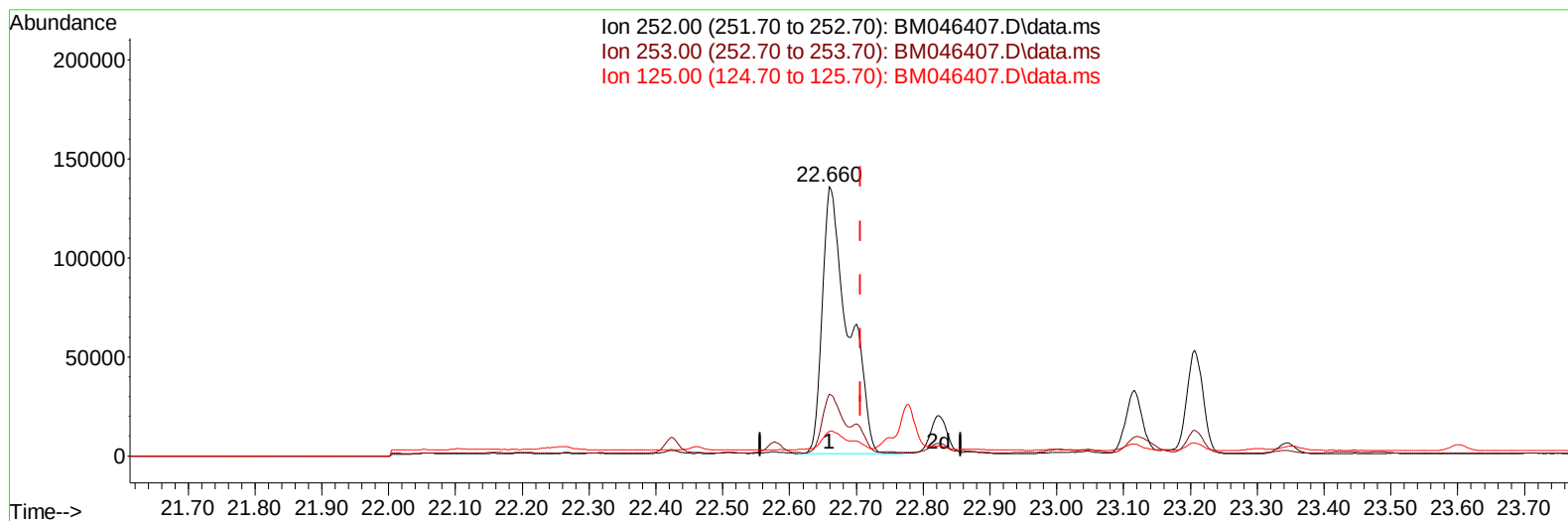
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070524\  
Data File : BM046407.D  
Acq On : 06 Jul 2024 07:16  
Operator : MA/JU  
Sample : P3010-10  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CW6

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/08/2024



TIC: BM046407.D\data.ms

(25) Benzo(k)fluoranthene

22.660min (-0.047) 5.58 ng/u1

response 363418

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 23.00  | 22.97  |
| 125.00 | 9.40   | 9.21   |
| 0.00   | 0.00   | 0.00   |

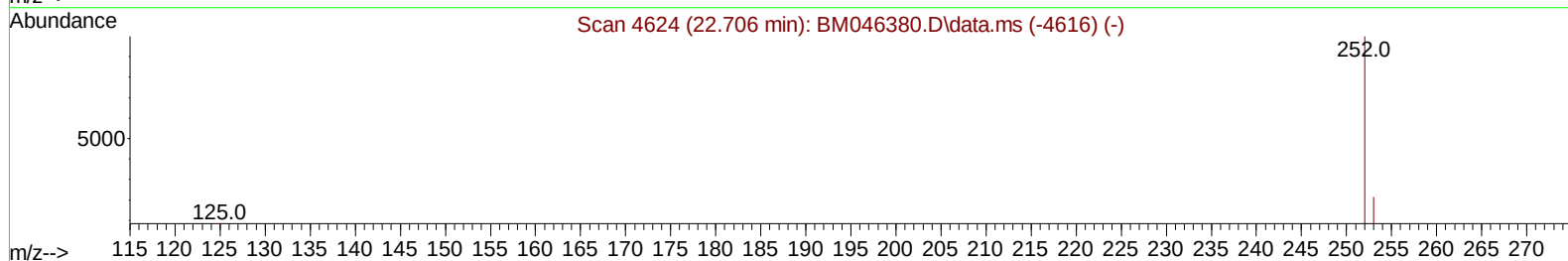
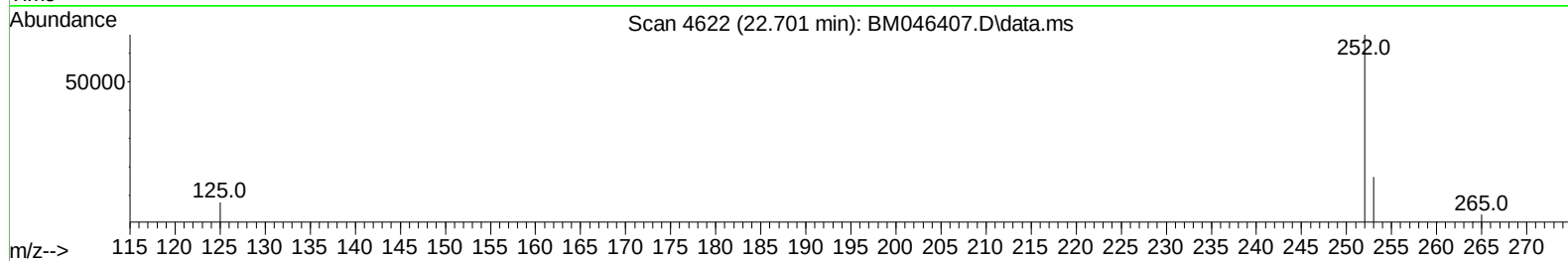
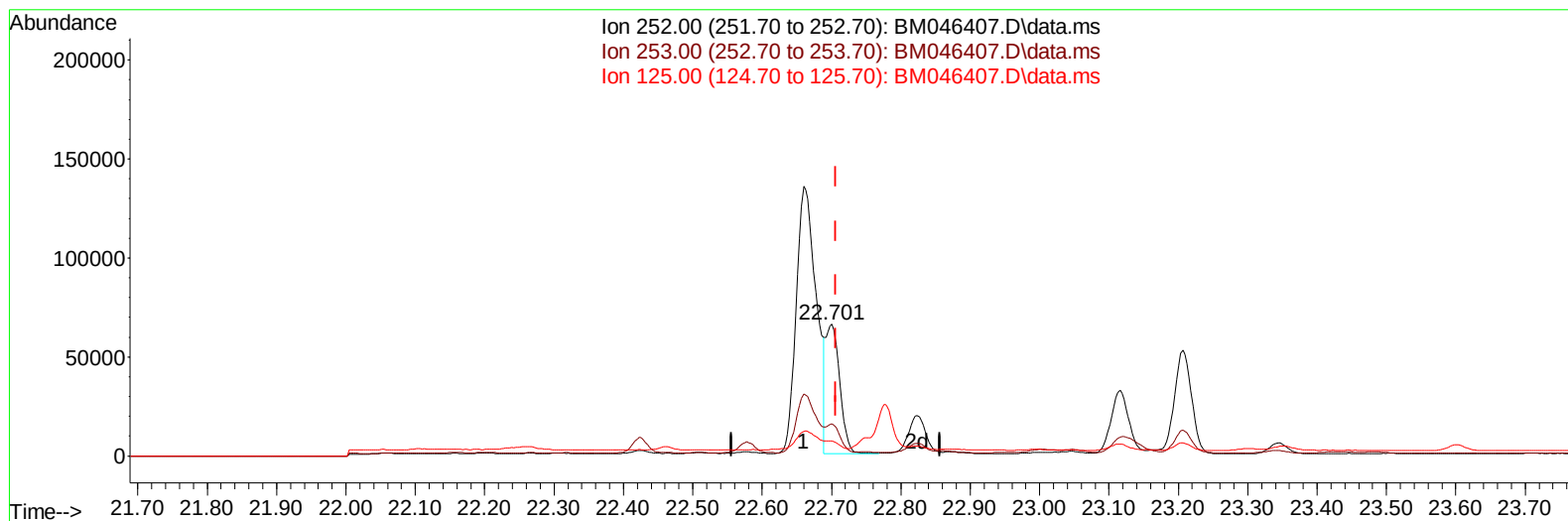
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070524\  
Data File : BM046407.D  
Acq On : 06 Jul 2024 07:16  
Operator : MA/JU  
Sample : P3010-10  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CW6

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/08/2024  
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TIC: BM046407.D\data.ms

## (25) Benzo(k)fluoranthene

22.701min (-0.006) 1.39 ng/ul m

response 90333

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 23.00  | 24.51  |
| 125.00 | 9.40   | 11.20  |
| 0.00   | 0.00   | 0.00   |

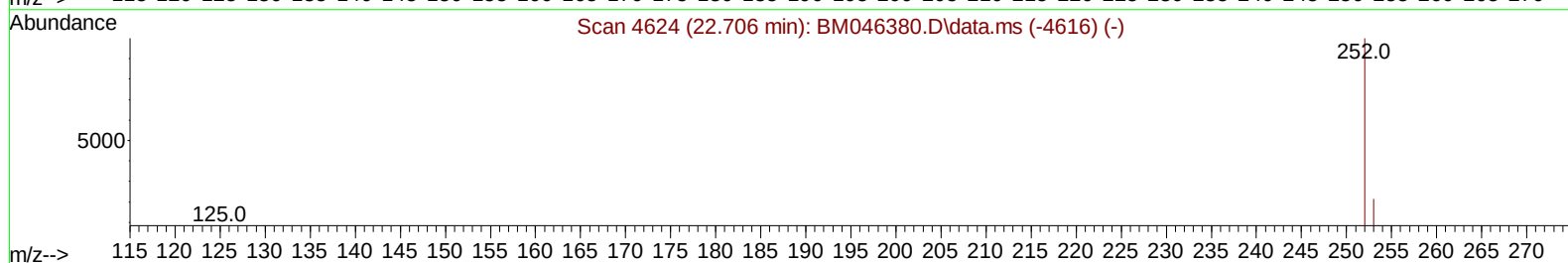
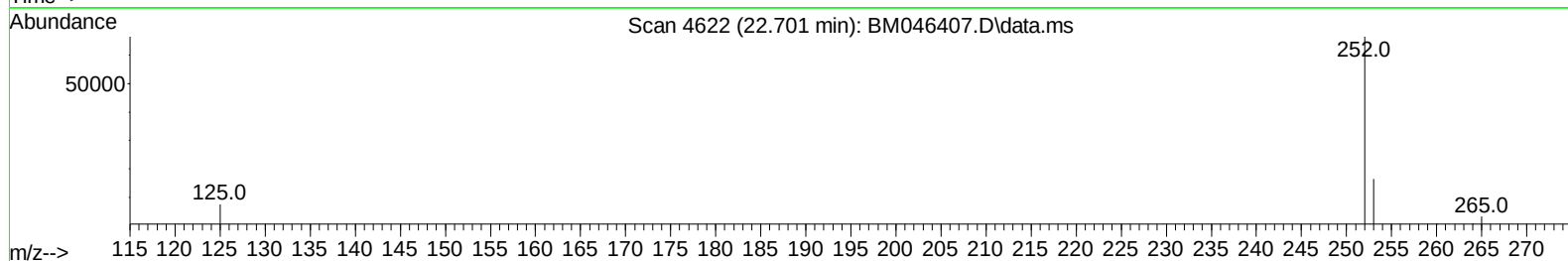
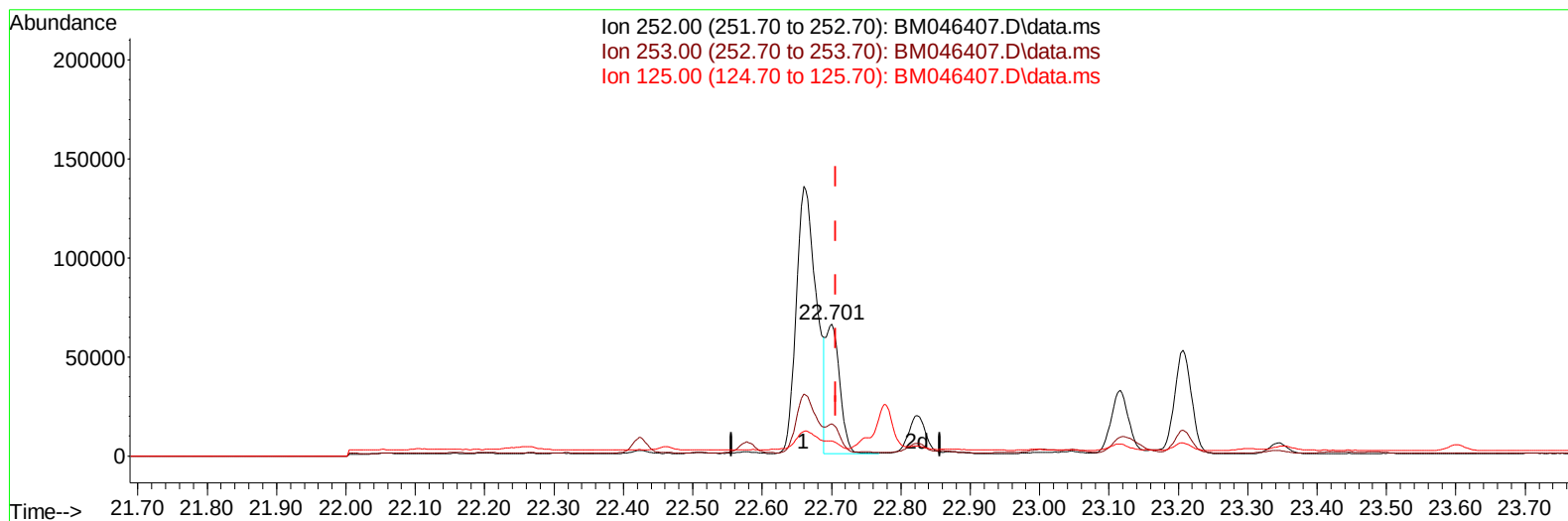
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Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CW6

## Manual IntegrationsAPPROVED

Quant Time: Jul 08 00:46:42 2024  
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Response via : Initial Calibration

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



TIC: BM046407.D\data.ms

## (25) Benzo(k)fluoranthene

22.701min (-0.006) 1.39 ng/ul m

response 90333

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 23.00  | 24.51  |
| 125.00 | 9.40   | 11.20  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070524\  
 Data File : BM046407.D  
 Acq On : 06 Jul 2024 07:16  
 Operator : MA/JU  
 Sample : P3010-10  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4CW6

## Manual IntegrationsAPPROVED

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

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 QLast Update : Fri Jul 05 16:01:25 2024  
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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.539  | 152  | 11233    | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.303 | 136  | 32541    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.181 | 164  | 18327    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.933 | 188  | 33070m   | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.140 | 240  | 14761    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.297 | 264  | 15177    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.130  | 96   | 34086    | 2.938 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.903 | 152  | 13450    | 0.279 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.973 | 212  | 17756    | 0.343 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.347 | 128  | 16194    | 0.187 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 11.974 | 142  | 7213     | 0.123 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.200 | 142  | 4881     | 0.081 | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.899 | 152  | 30971    | 0.333 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.242 | 153  | 8365     | 0.138 | ng/ul  | 98       |
| 12) Fluorene                | 15.241 | 166  | 12439    | 0.174 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 16.587 | 266  | 453      | 0.047 | ng/ul  | 94       |
| 15) Phenanthrene            | 16.975 | 178  | 257169   | 2.597 | ng/ul  | 98       |
| 16) Anthracene              | 17.064 | 178  | 47486    | 0.494 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.001 | 202  | 489560   | 6.561 | ng/ul  | 98       |
| 20) Pyrene                  | 19.363 | 202  | 314000   | 4.090 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.126 | 228  | 164932   | 2.501 | ng/ul  | 93       |
| 22) Chrysene                | 21.175 | 228  | 203146   | 3.098 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.660 | 252  | 278766m  | 4.320 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.701 | 252  | 90333m   | 1.387 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.206 | 252  | 90113    | 1.767 | ng/ul# | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.447 | 276  | 102142   | 1.483 | ng/ul# | 91       |
| 28) Dibenzo(a,h)anthracene  | 25.461 | 278  | 32706    | 0.614 | ng/ul# | 87       |
| 29) Benzo(g,h,i)perylene    | 26.094 | 276  | 16123    | 0.293 | ng/ul# | 80       |
| -----                       |        |      |          |       |        |          |

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



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A4CW6

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