

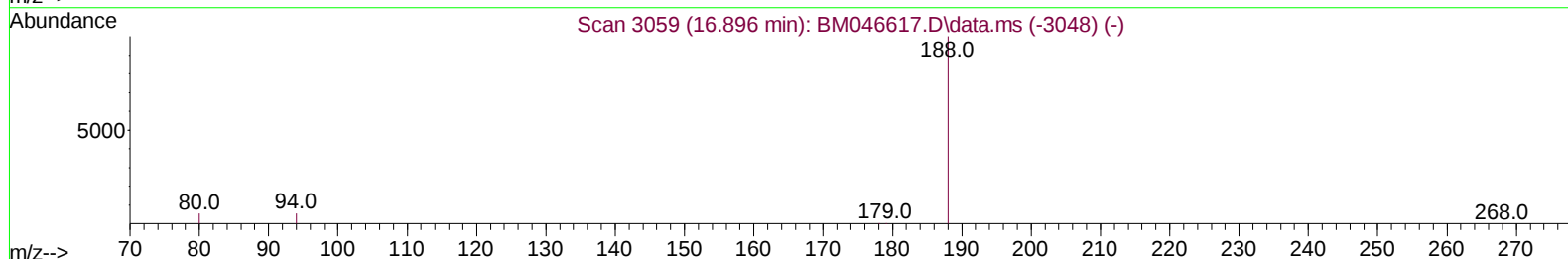
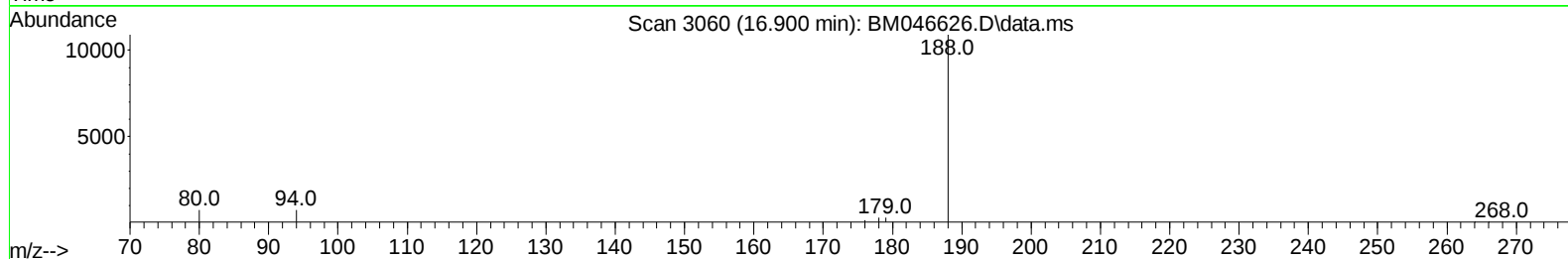
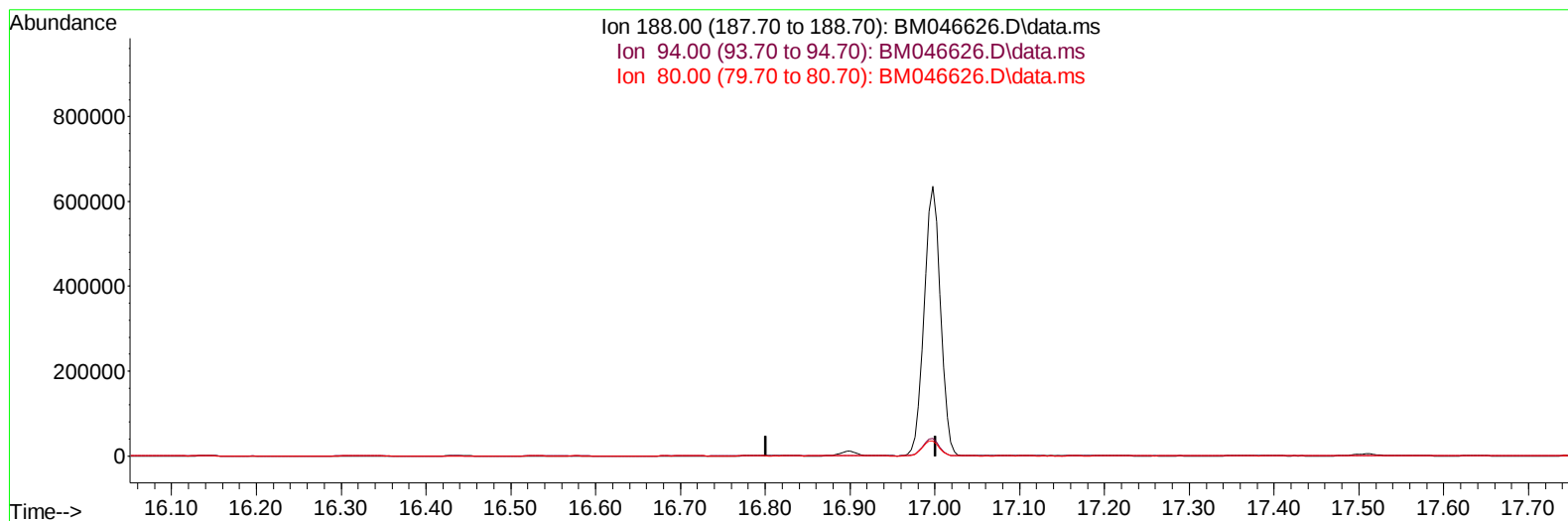
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071524\  
Data File : BM046626.D  
Acq On : 16 Jul 2024 10:09  
Operator : MA/JU  
Sample : P3101-02  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CD6

Manual IntegrationsAPPROVED

Quant Time: Jul 16 10:53:11 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 : Mon Jul 15 08:57:27 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/16/2024  
Supervised By :mohammad ahmed 07/18/2024



TIC: BM046626.D\data.ms

(13) Phenanthrene-d10 (I)

16.901min (-16.901) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 188.00 | 100.00 | 0.00  |
| 94.00  | 6.40   | 0.00# |
| 80.00  | 6.60   | 0.00# |
| 0.00   | 0.00   | 0.00  |

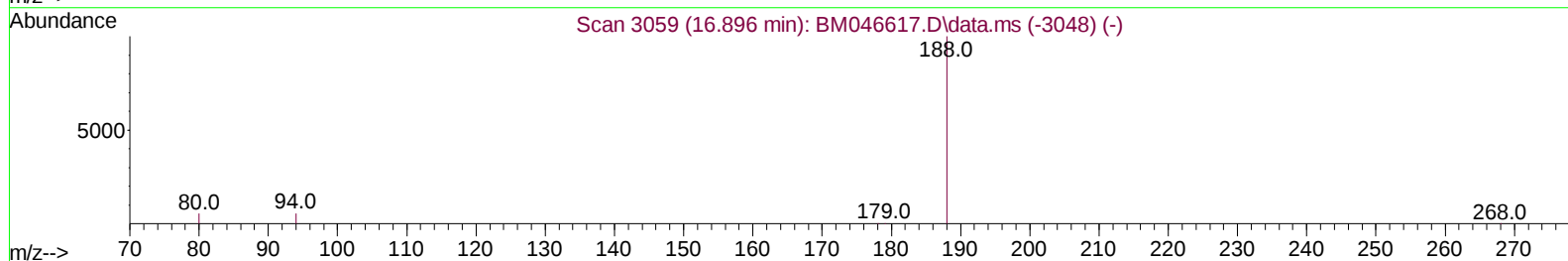
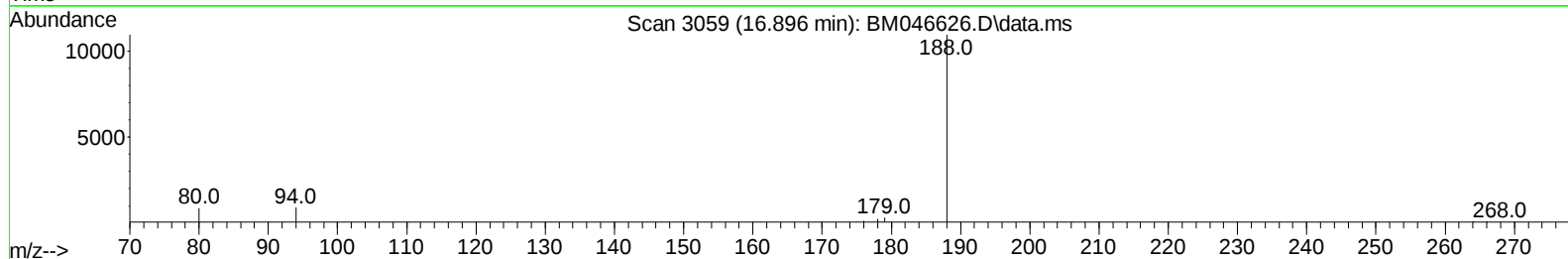
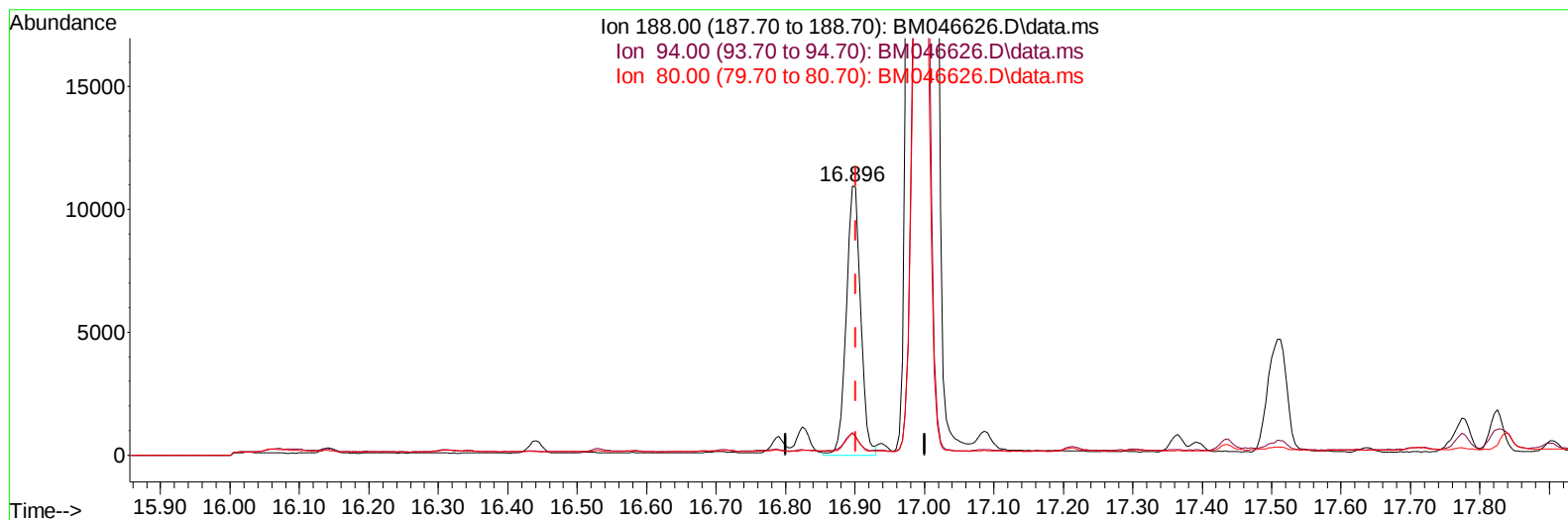
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071524\  
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(13) Phenanthrene-d10 (I)

16.896min (-0.005) 0.40 ng/u1 m

response 15662

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 6.40   | 8.30#  |
| 80.00  | 6.60   | 8.10#  |
| 0.00   | 0.00   | 0.00   |

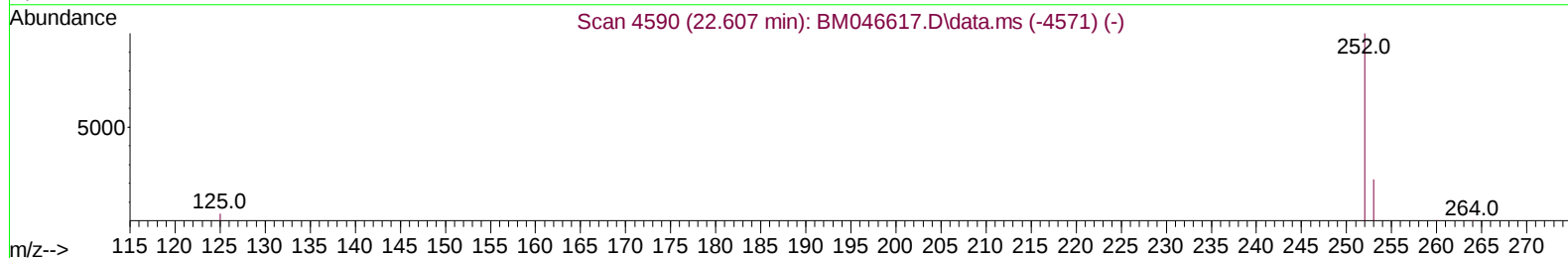
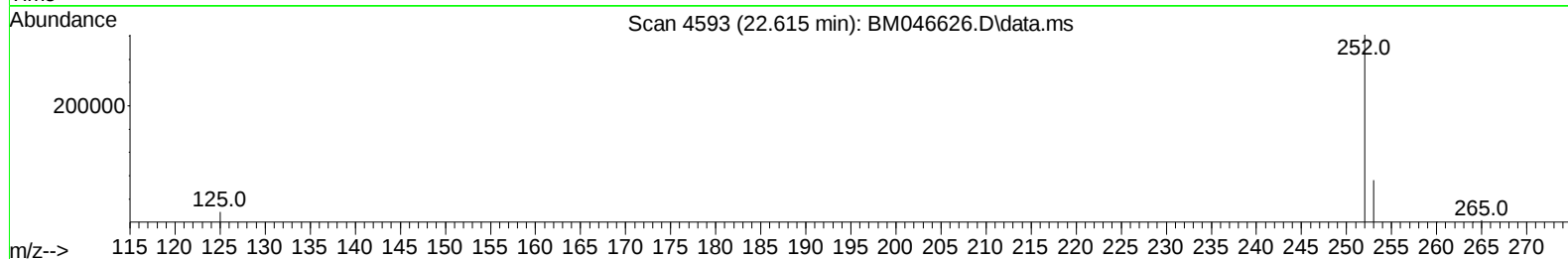
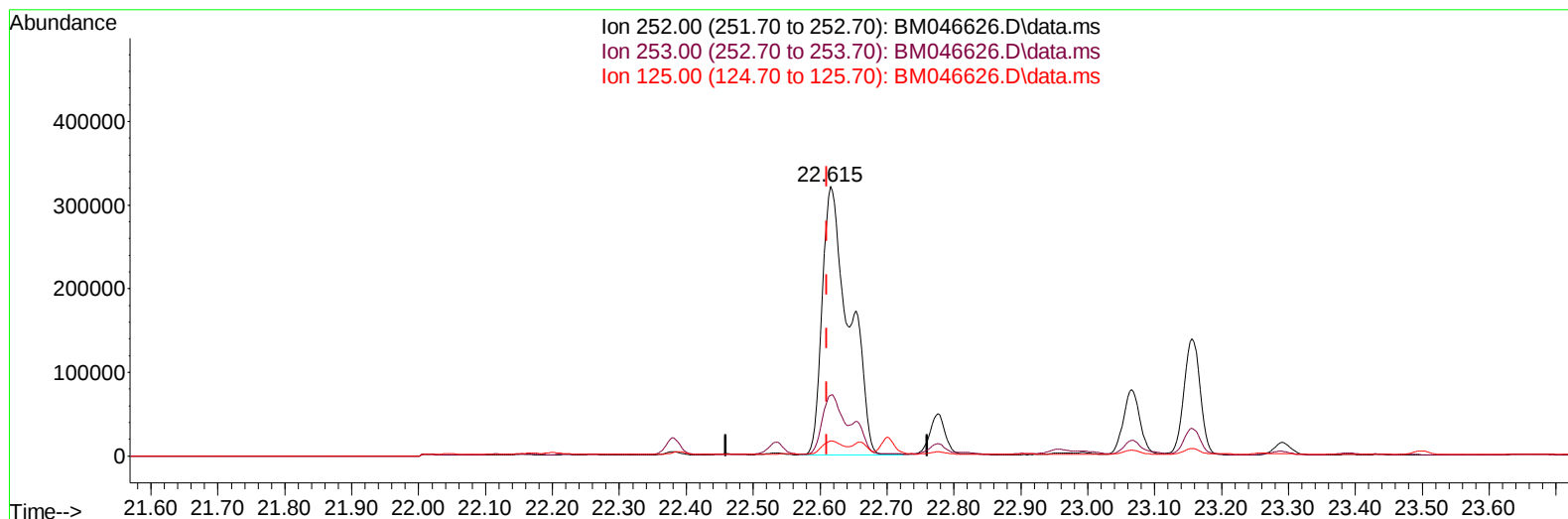
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071524\  
Data File : BM046626.D  
Acq On : 16 Jul 2024 10:09  
Operator : MA/JU  
Sample : P3101-02  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CD6

Manual IntegrationsAPPROVED

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TIC: BM046626.D\data.ms

(24) Benzo(b)fluoranthene

22.615min (+ 0.005) 19.53 ng/u1

response 895260

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.10  | 22.62  |
| 125.00 | 8.90   | 5.55   |
| 0.00   | 0.00   | 0.00   |

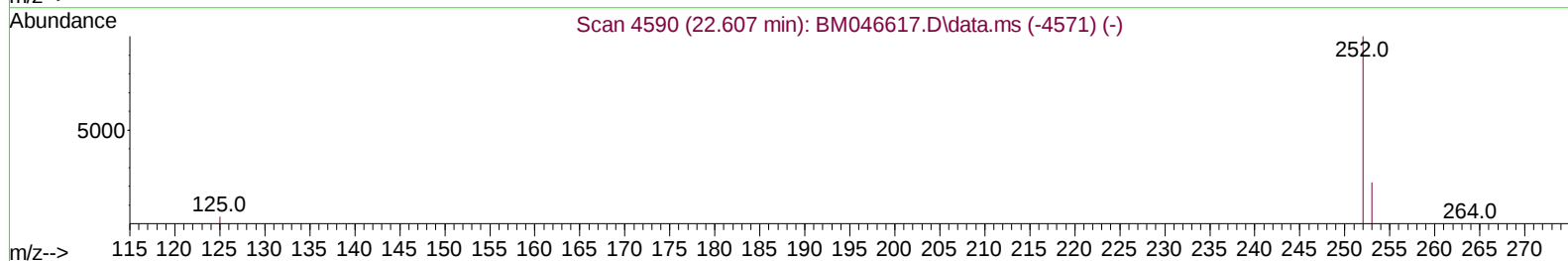
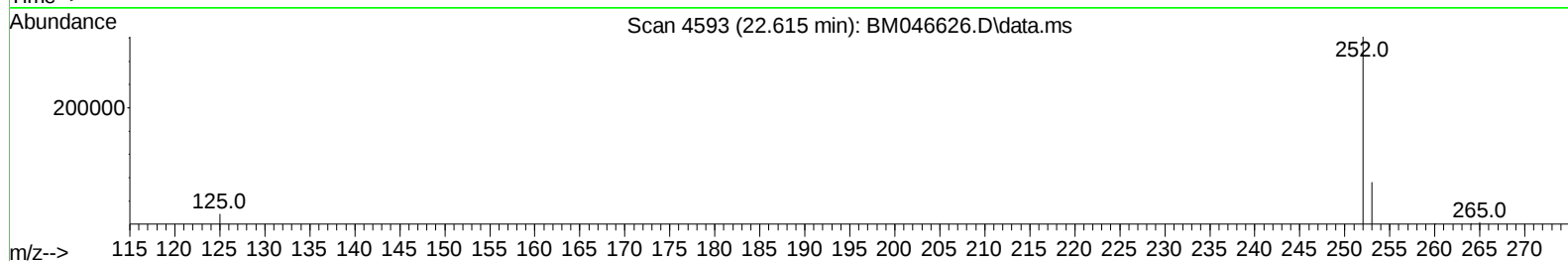
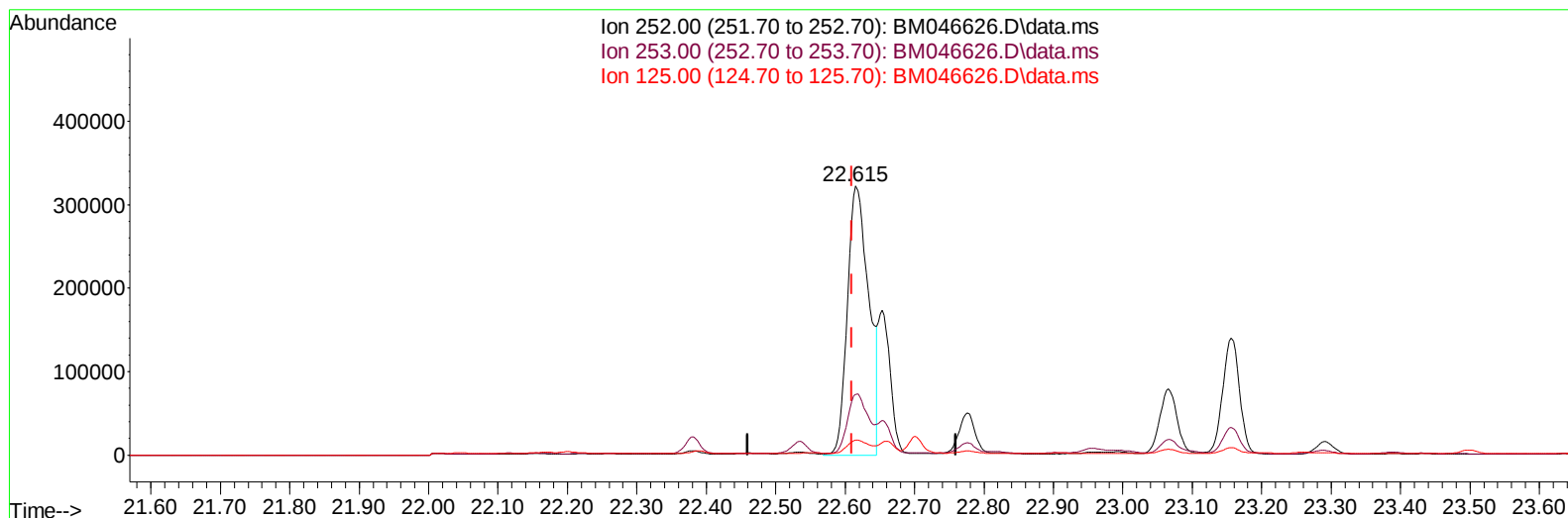
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071524\  
 Data File : BM046626.D  
 Acq On : 16 Jul 2024 10:09  
 Operator : MA/JU  
 Sample : P3101-02  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4CD6

Manual IntegrationsAPPROVED

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TIC: BM046626.D\data.ms

**(24) Benzo(b)fluoranthene**

22.615min (+ 0.005) 15.03 ng/ul m

response 689200

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.10  | 22.62  |
| 125.00 | 8.90   | 5.55   |
| 0.00   | 0.00   | 0.00   |

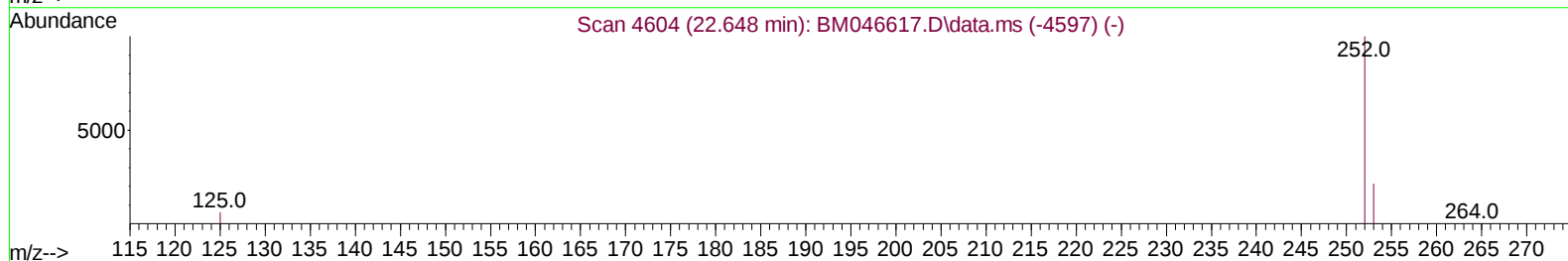
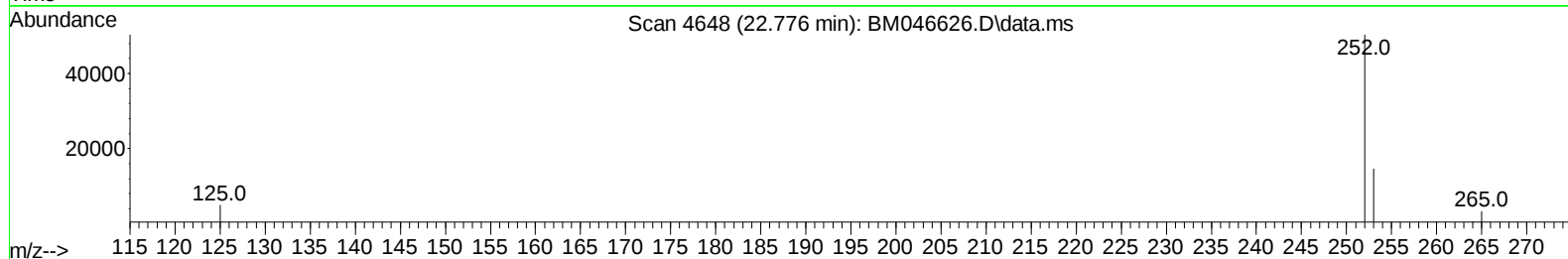
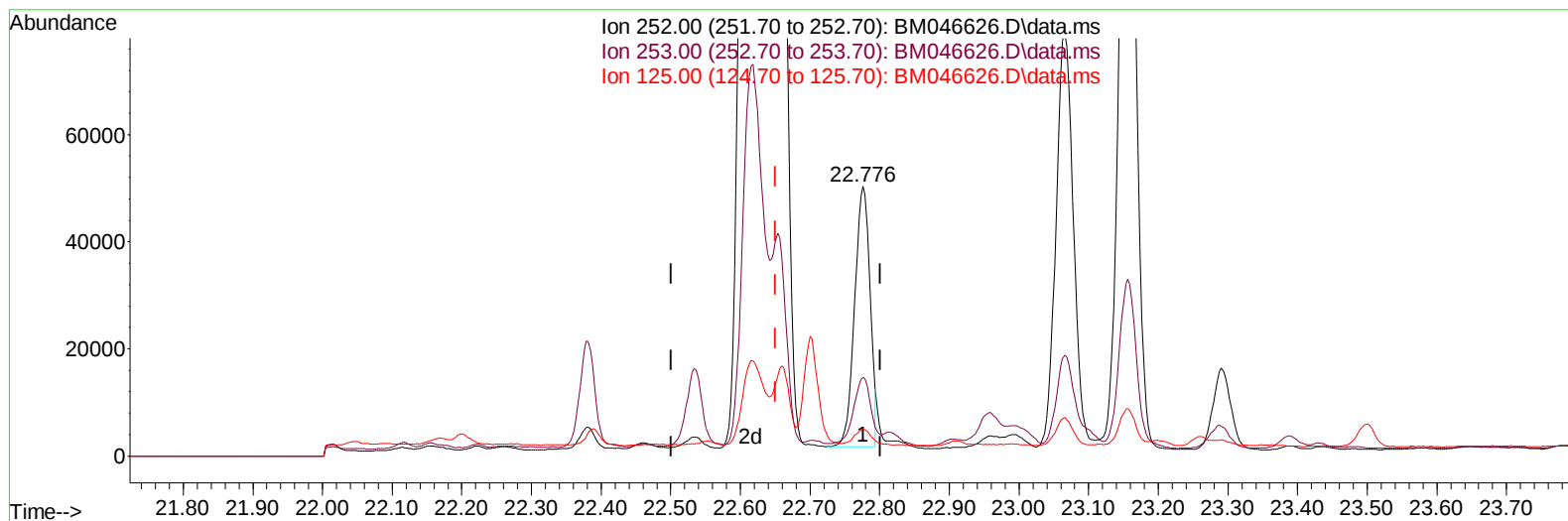
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Data File : BM046626.D  
Acq On : 16 Jul 2024 10:09  
Operator : MA/JU  
Sample : P3101-02  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CD6

Manual IntegrationsAPPROVED

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TIC: BM046626.D\data.ms

(25) Benzo(k)fluoranthene

22.776min (+ 0.125) 1.67 ng/u1

response 75019

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.00  | 29.19  |
| 125.00 | 8.70   | 9.91   |
| 0.00   | 0.00   | 0.00   |

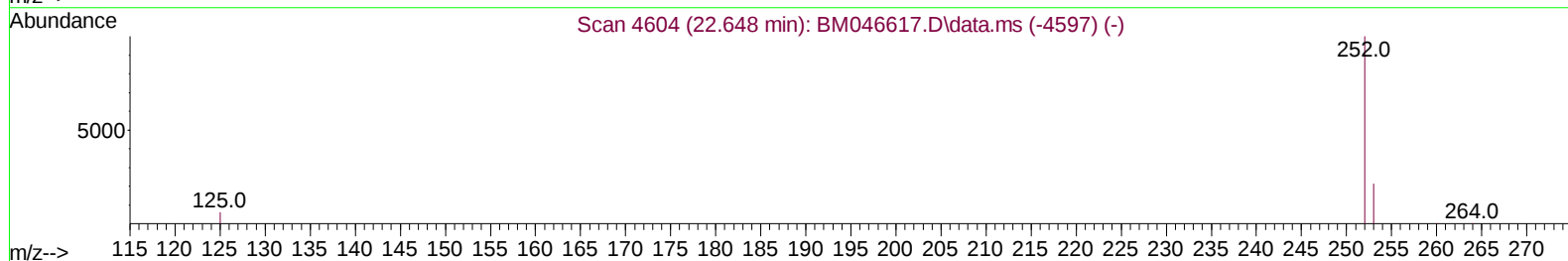
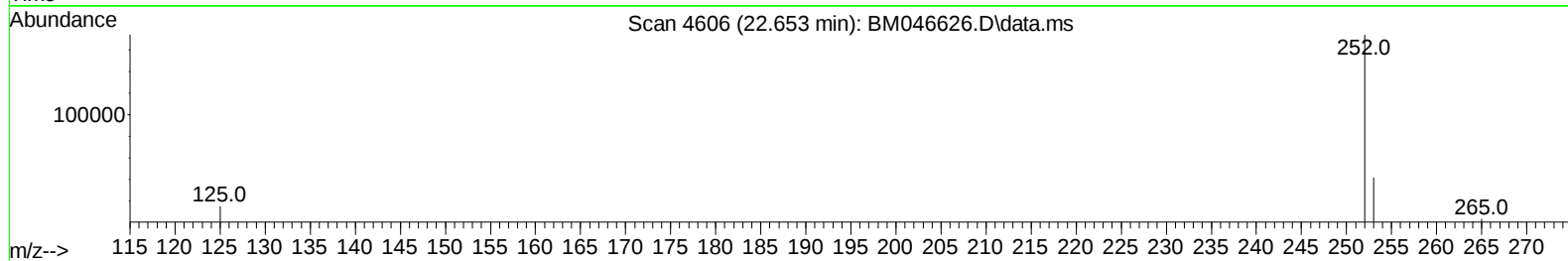
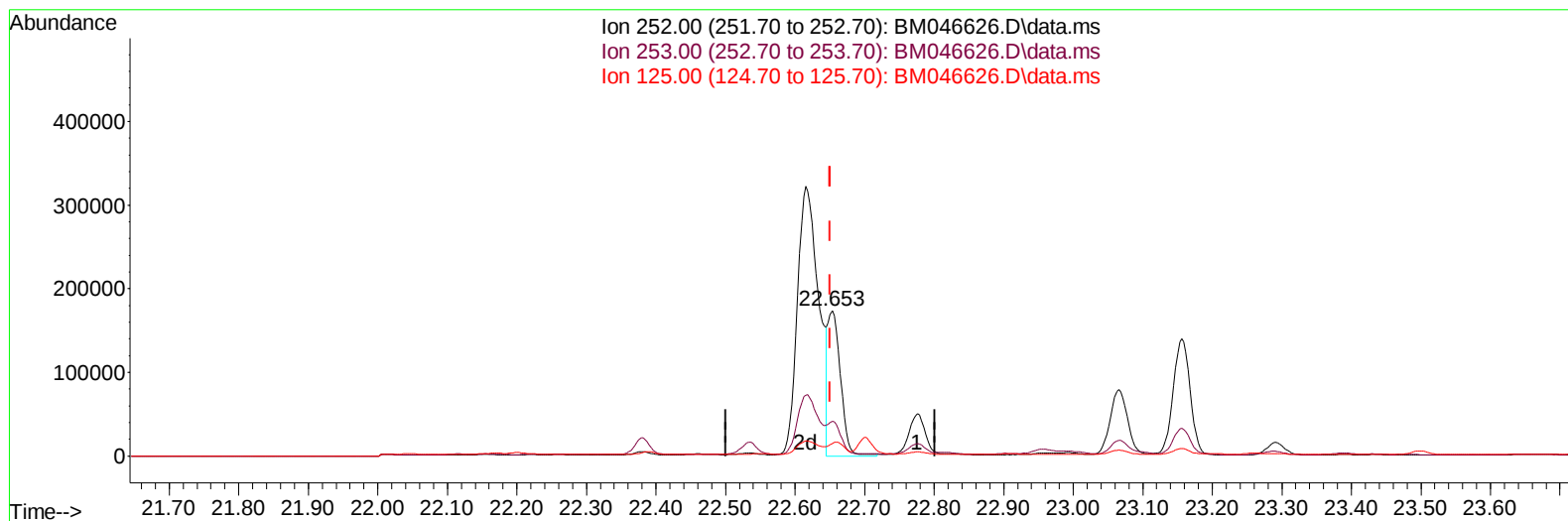
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Operator : MA/JU  
Sample : P3101-02  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CD6

Manual IntegrationsAPPROVED

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TIC: BM046626.D\data.ms

(25) Benzo(k)fluoranthene

22.653min (+ 0.002) 4.87 ng/u1 m

response 219168

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.00  | 23.94  |
| 125.00 | 8.70   | 8.61   |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071524\  
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 Acq On : 16 Jul 2024 10:09  
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 Sample : P3101-02  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4CD6

Manual IntegrationsAPPROVED

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| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.501  | 152  | 3428     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.260 | 136  | 9580     | 0.400  | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.146 | 164  | 6701     | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.896 | 188  | 15662m   | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.108 | 240  | 9403     | 0.400  | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.247 | 264  | 11479    | 0.400  | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.113  | 96   | 8972     | 3.185  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.860 | 152  | 4265     | 0.276  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.937 | 212  | 10528    | 0.368  | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        |        | Qvalue   |
| 5) Naphthalene              | 10.309 | 128  | 11573    | 0.475  | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 11.937 | 142  | 5631     | 0.329  | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.157 | 142  | 4347     | 0.249  | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.864 | 152  | 40240    | 1.319  | ng/ul  | 96       |
| 11) Acenaphthene            | 14.206 | 153  | 17985    | 0.880  | ng/ul  | 97       |
| 12) Fluorene                | 15.205 | 166  | 24096    | 0.953  | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.554 | 266  | 498      | 0.063  | ng/ul  | 97       |
| 15) Phenanthrene            | 16.938 | 178  | 535995   | 11.993 | ng/ul  | 98       |
| 16) Anthracene              | 17.031 | 178  | 106409   | 2.440  | ng/ul  | 97       |
| 19) Fluoranthene            | 18.969 | 202  | 1098357  | 28.438 | ng/ul  | 99       |
| 20) Pyrene                  | 19.332 | 202  | 734809   | 17.572 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.090 | 228  | 431107   | 10.364 | ng/ul  | 97       |
| 22) Chrysene                | 21.143 | 228  | 474728   | 11.795 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.615 | 252  | 689200m  | 15.032 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.653 | 252  | 219168m  | 4.869  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.156 | 252  | 235688   | 6.246  | ng/ul# | 88       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.369 | 276  | 246783   | 4.297  | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.383 | 278  | 78844    | 1.734  | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 26.013 | 276  | 35887    | 0.783  | ng/ul# | 95       |
| -----                       |        |      |          |        |        |          |

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

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