

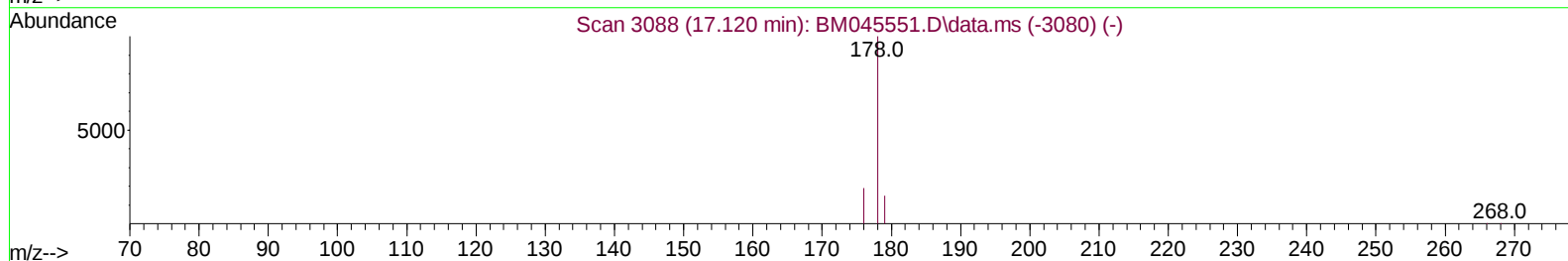
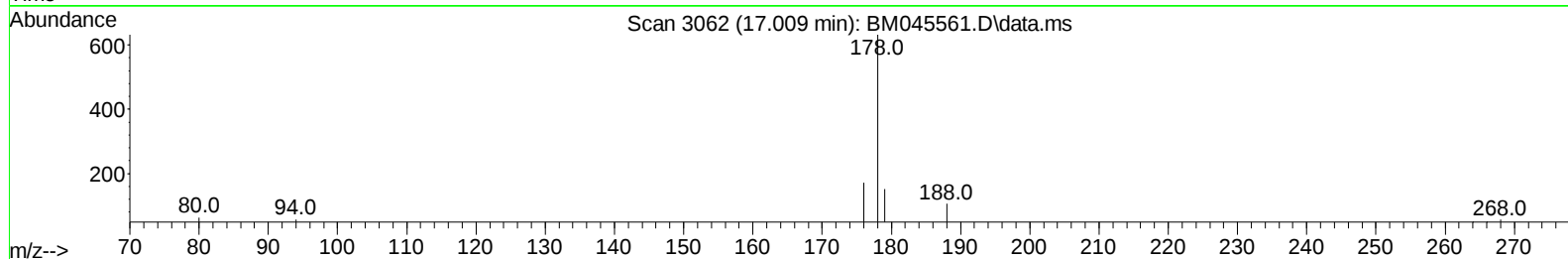
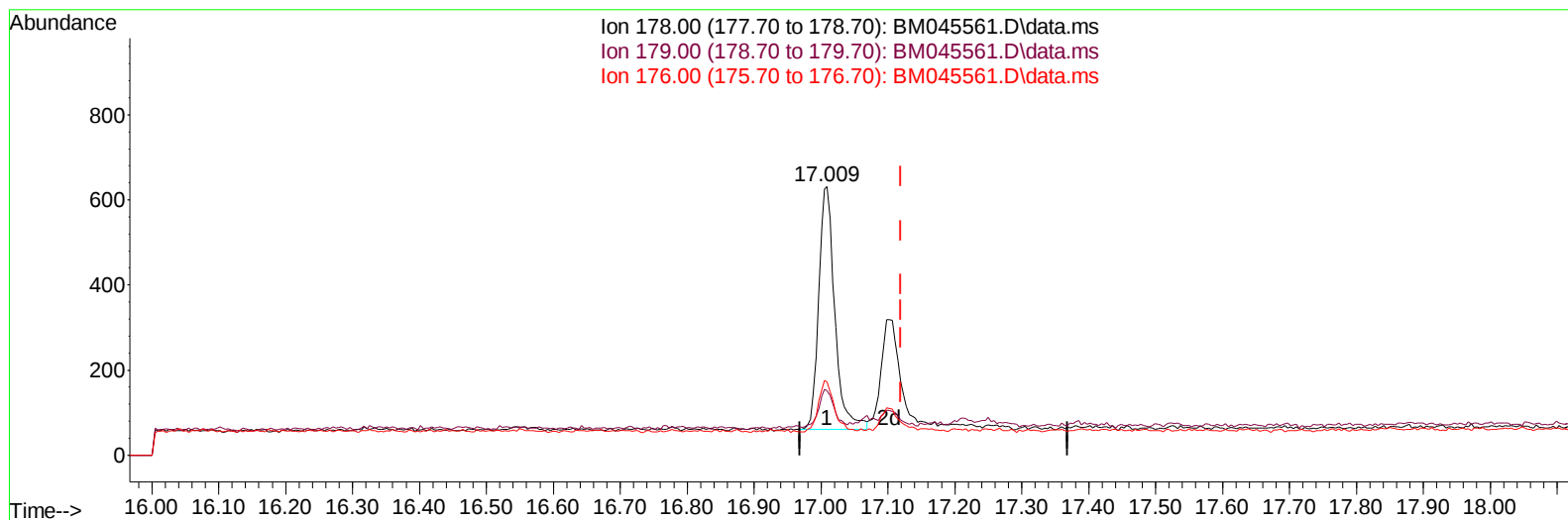
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042424\  
Data File : BM045561.D  
Acq On : 25 Apr 2024 12:37  
Operator : MA/JU  
Sample : P2104-17DL 5X  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AC9DL

Manual IntegrationsAPPROVED

Quant Time: Apr 25 13:14:54 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM042024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Apr 24 05:17:39 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/26/2024  
Supervised By :mohammad ahmed 04/27/2024



TIC: BM045561.D\data.ms

(16) Anthracene

17.009min (-0.110) 0.14 ng/u1

response 962

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 22.20  | 23.89  |
| 176.00 | 23.40  | 27.22  |
| 0.00   | 0.00   | 0.00   |

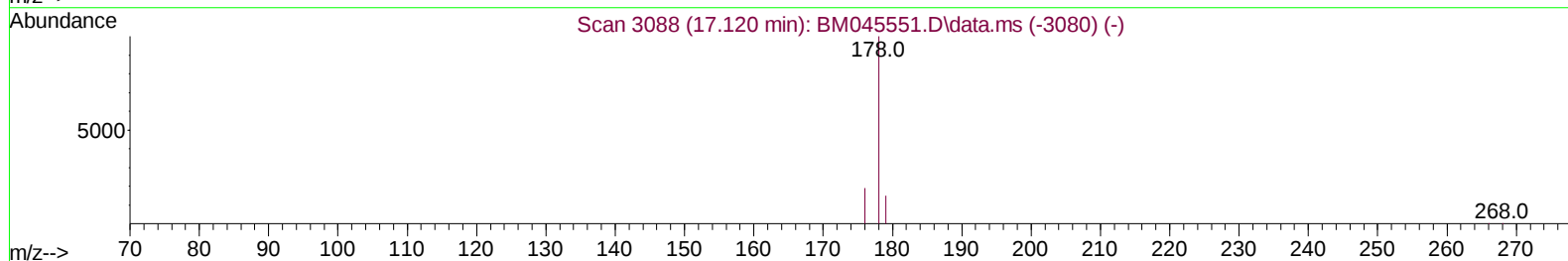
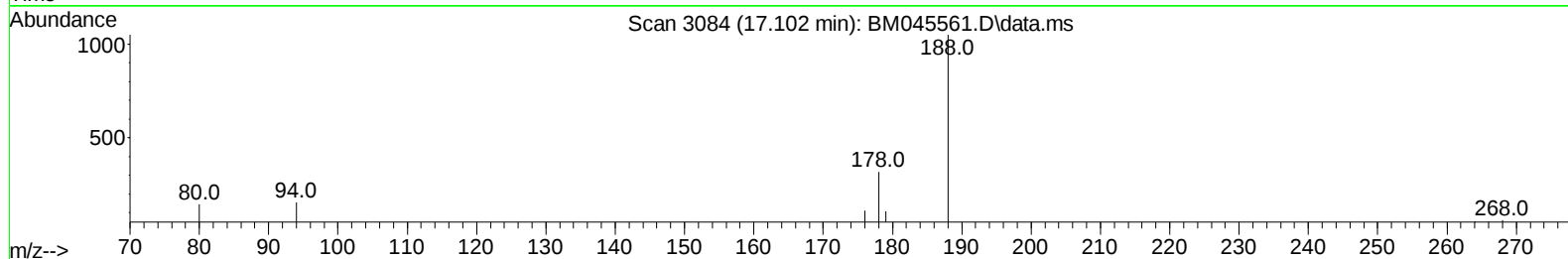
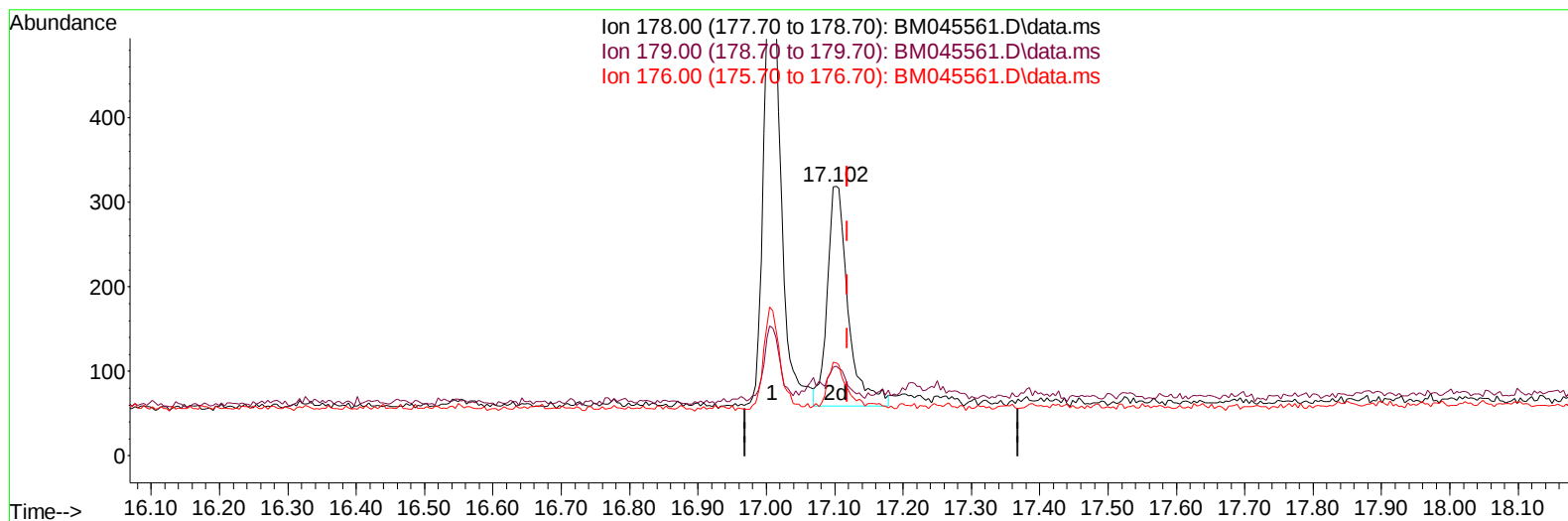
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TIC: BM045561.D\data.ms

(16) Anthracene

17.102min (-0.017) 0.08 ng/u1 m

response 549

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 22.20  | 33.23# |
| 176.00 | 23.40  | 34.48# |
| 0.00   | 0.00   | 0.00   |

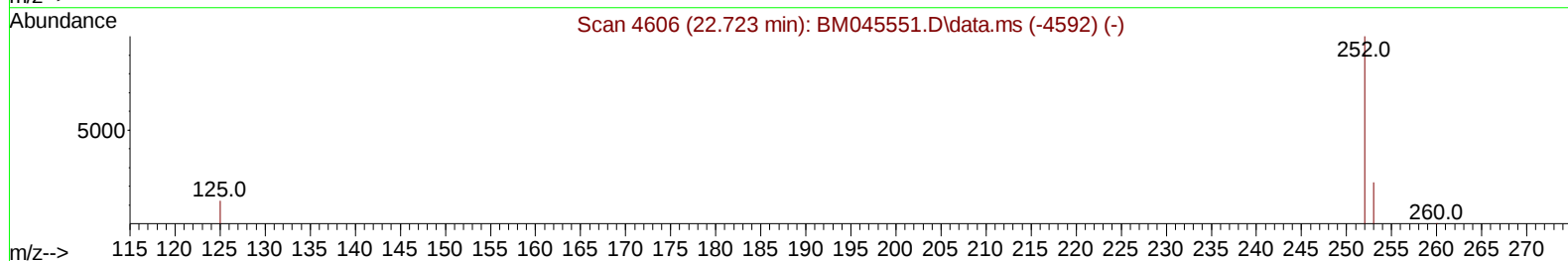
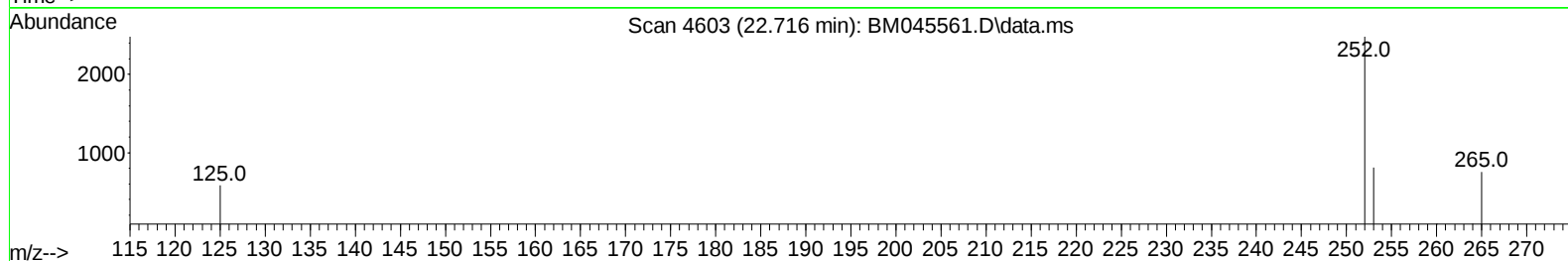
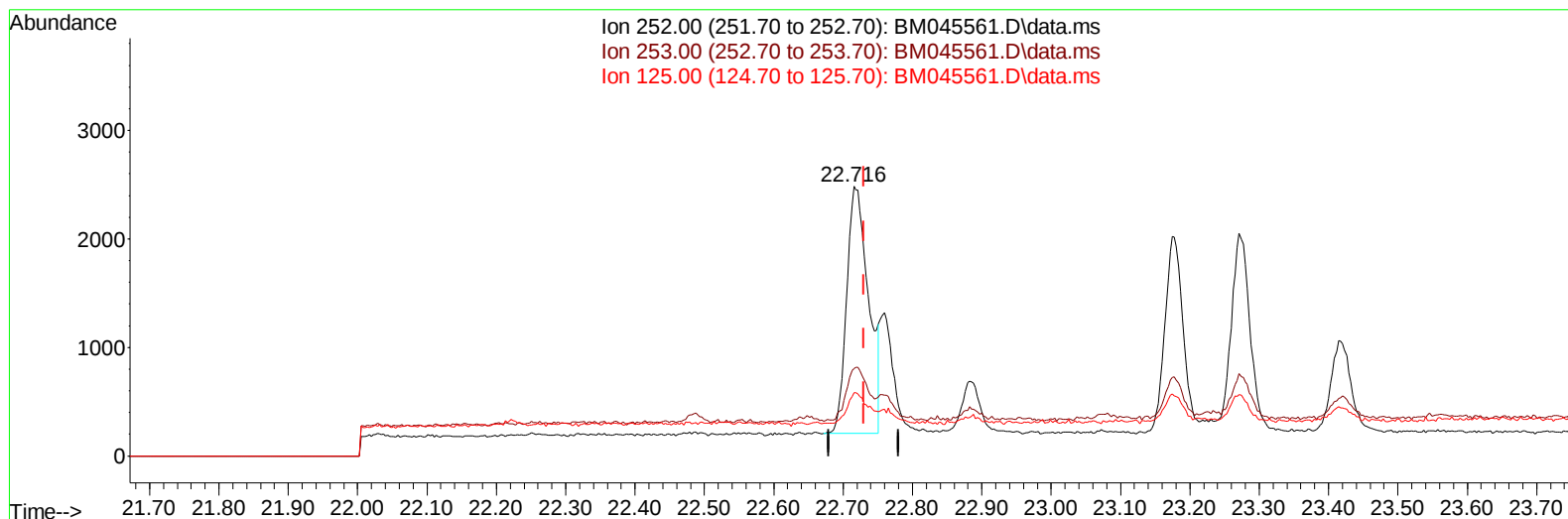
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042424\  
Data File : BM045561.D  
Acq On : 25 Apr 2024 12:37  
Operator : MA/JU  
Sample : P2104-17DL 5X  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AC9DL

Manual IntegrationsAPPROVED

Quant Time: Apr 25 13:14:54 2024  
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TIC: BM045561.D\data.ms

(24) Benzo(b)fluoranthene

22.716min (-0.014) 0.42 ng/u1

response 4988

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 31.70  | 32.54  |
| 125.00 | 18.40  | 23.48  |
| 0.00   | 0.00   | 0.00   |

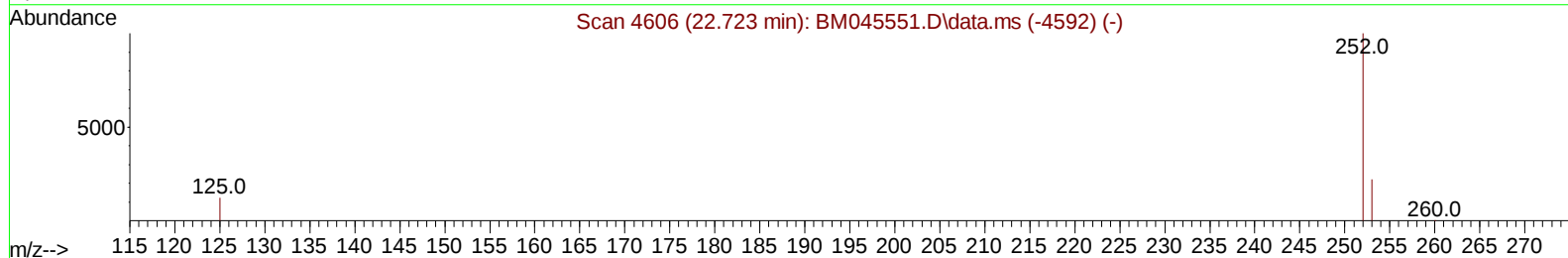
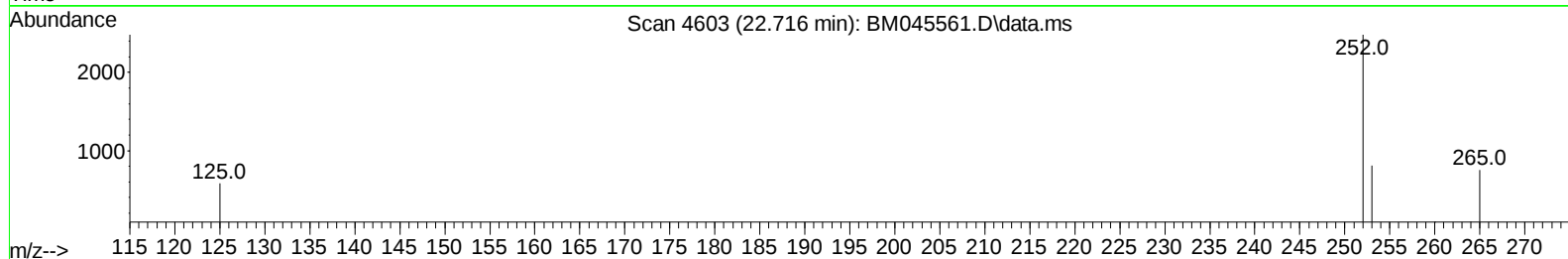
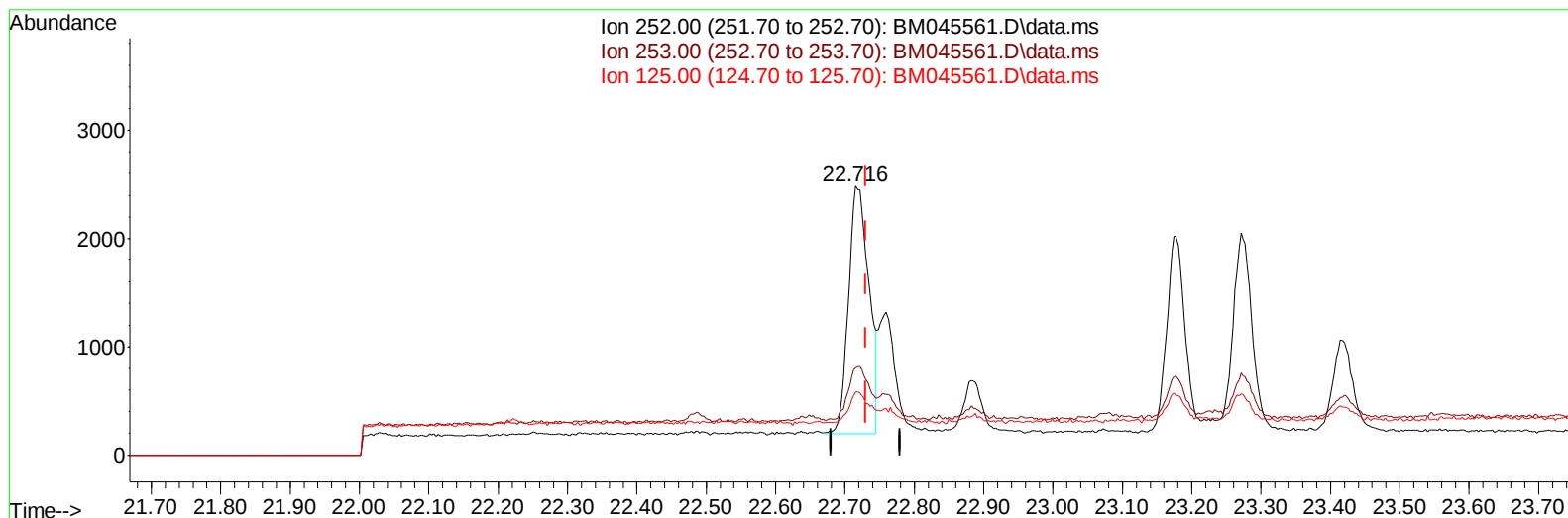
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042424\  
Data File : BM045561.D  
Acq On : 25 Apr 2024 12:37  
Operator : MA/JU  
Sample : P2104-17DL 5X  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AC9DL

Manual IntegrationsAPPROVED

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TIC: BM045561.D\data.ms

(24) Benzo(b)fluoranthene

22.716min (-0.014) 0.40 ng/u1 m

response 4700

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 31.70  | 32.54  |
| 125.00 | 18.40  | 23.48  |
| 0.00   | 0.00   | 0.00   |

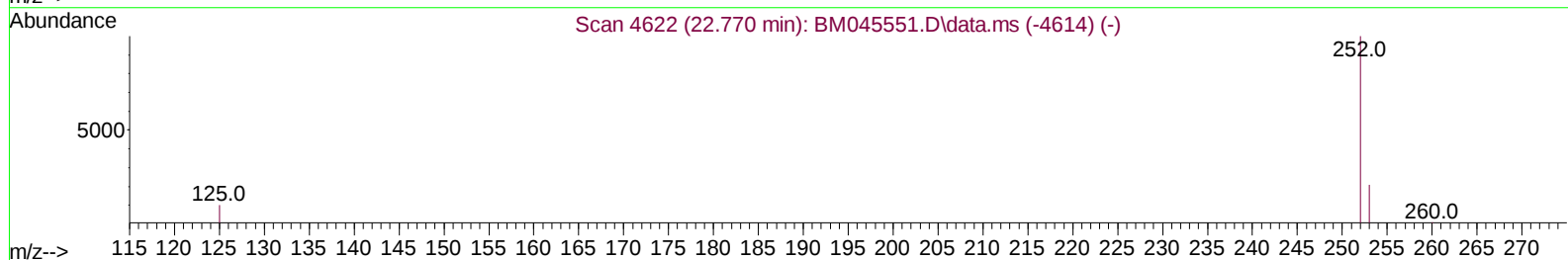
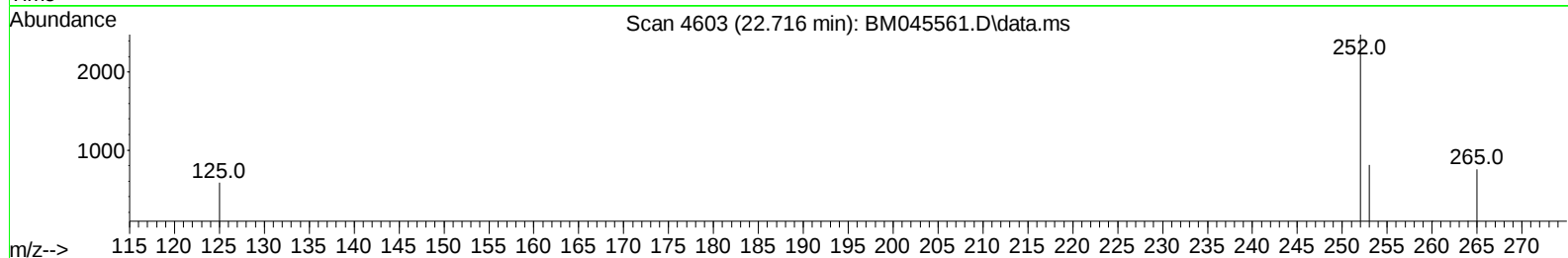
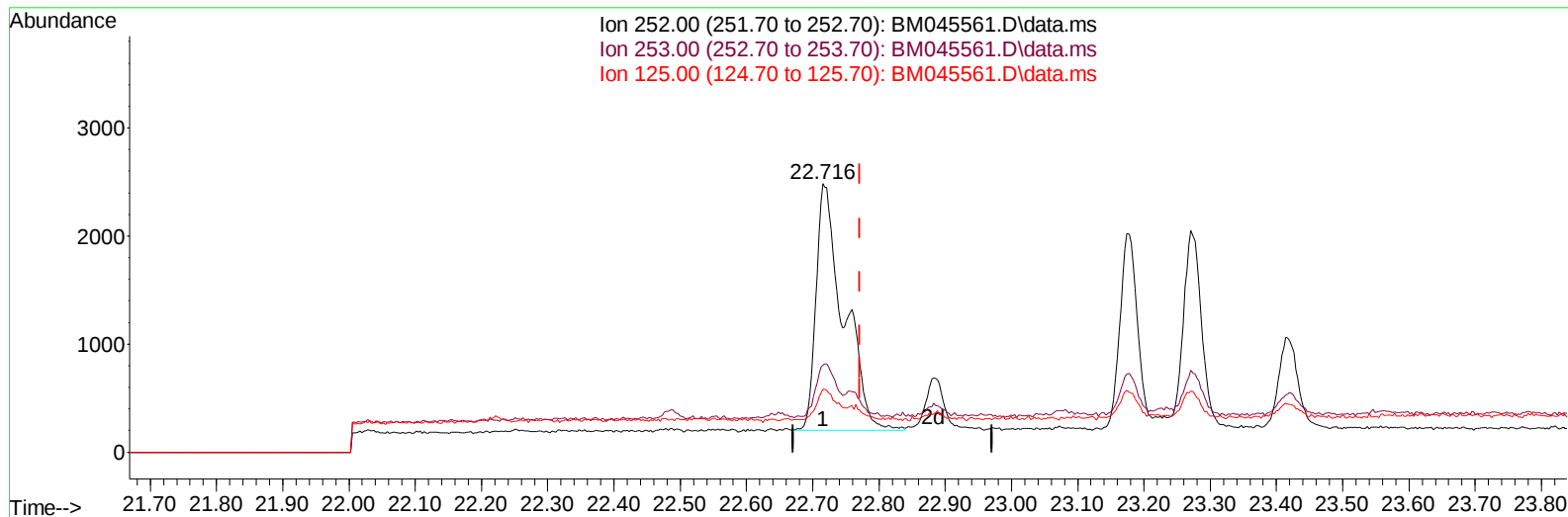
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042424\  
Data File : BM045561.D  
Acq On : 25 Apr 2024 12:37  
Operator : MA/JU  
Sample : P2104-17DL 5X  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AC9DL

Manual IntegrationsAPPROVED

Quant Time: Apr 25 13:14:54 2024  
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TIC: BM045561.D\data.ms

(25) Benzo(k)fluoranthene

22.716min (-0.055) 0.44 ng/u1

response 6594

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 31.70  | 32.54  |
| 125.00 | 18.50  | 23.48# |
| 0.00   | 0.00   | 0.00   |

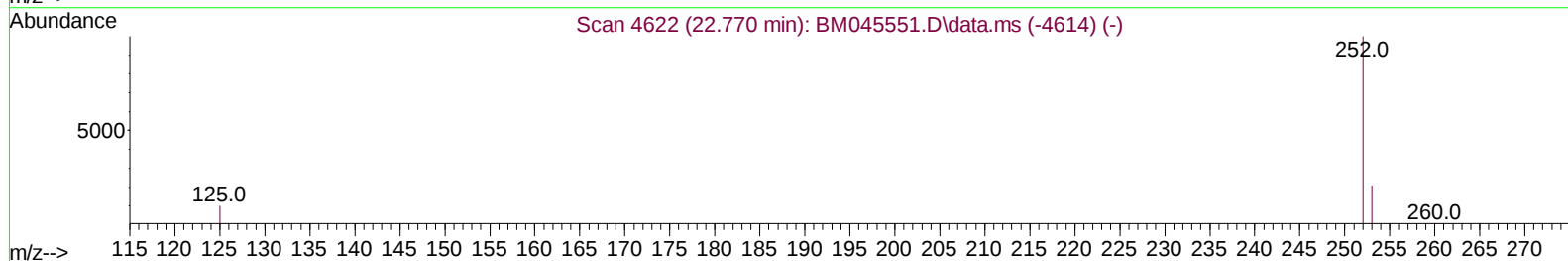
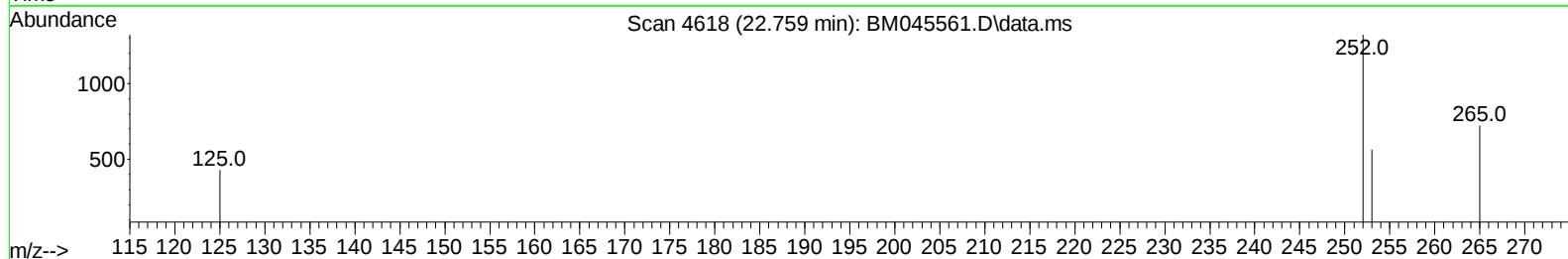
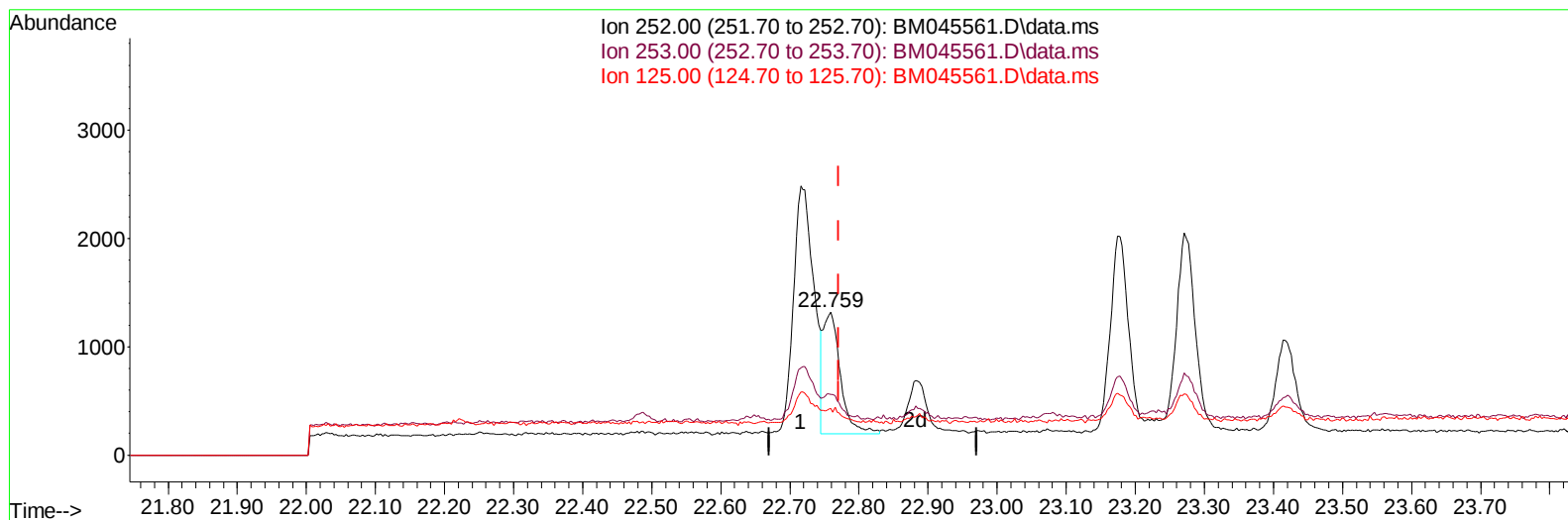
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042424\  
Data File : BM045561.D  
Acq On : 25 Apr 2024 12:37  
Operator : MA/JU  
Sample : P2104-17DL 5X  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AC9DL

Manual IntegrationsAPPROVED

Quant Time: Apr 25 13:14:54 2024  
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TIC: BM045561.D\data.ms

(25) Benzo(k)fluoranthene

22.759min (-0.012) 0.13 ng/u1 m

response 1928

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 31.70  | 42.54# |
| 125.00 | 18.50  | 32.55# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042424\  
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 Operator : MA/JU  
 Sample : P2104-17DL 5X  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AC9DL

## Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 25 13:14:54 2024  
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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.551  | 152  | 1017     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.320 | 136  | 2677     | 0.400 | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.200 | 164  | 1275     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.967 | 188  | 2536     | 0.400 | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.184 | 240  | 2294     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.370 | 264  | 3501     | 0.400 | ng/ul  | #-0.01   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.167  | 96   | 965      | 0.708 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.942 | 152  | 160      | 0.045 | ng/ul  | 0.01     |
| 18) Fluoranthene-d10        | 19.006 | 212  | 314      | 0.043 | ng/ul  | -0.01    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.375 | 128  | 252      | 0.035 | ng/ul# | 51       |
| 7) 2-Methylnaphthalene      | 12.019 | 142  | 112      | 0.027 | ng/ul  | 97       |
| 10) Acenaphthylene          | 13.918 | 152  | 606      | 0.096 | ng/ul# | 86       |
| 15) Phenanthrene            | 17.009 | 178  | 962      | 0.130 | ng/ul# | 92       |
| 16) Anthracene              | 17.102 | 178  | 549m     | 0.079 | ng/ul  |          |
| 19) Fluoranthene            | 19.038 | 202  | 1780     | 0.168 | ng/ul  | 100      |
| 20) Pyrene                  | 19.401 | 202  | 1563     | 0.144 | ng/ul  | 95       |
| 21) Benzo(a)anthracene      | 21.173 | 228  | 1293     | 0.176 | ng/ul# | 84       |
| 22) Chrysene                | 21.222 | 228  | 1996     | 0.177 | ng/ul# | 93       |
| 24) Benzo(b)fluoranthene    | 22.716 | 252  | 4700m    | 0.399 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.759 | 252  | 1928m    | 0.130 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.271 | 252  | 3447     | 0.282 | ng/ul  | 95       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.558 | 276  | 4557     | 0.257 | ng/ul  | 90       |
| 28) Dibenzo(a,h)anthracene  | 25.565 | 278  | 1230     | 0.087 | ng/ul# | 53       |
| 29) Benzo(g,h,i)perylene    | 26.222 | 276  | 4663     | 0.292 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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