

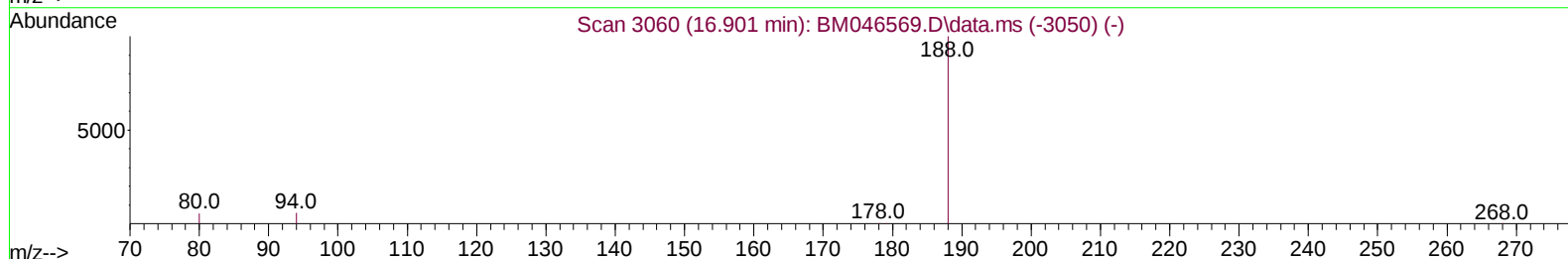
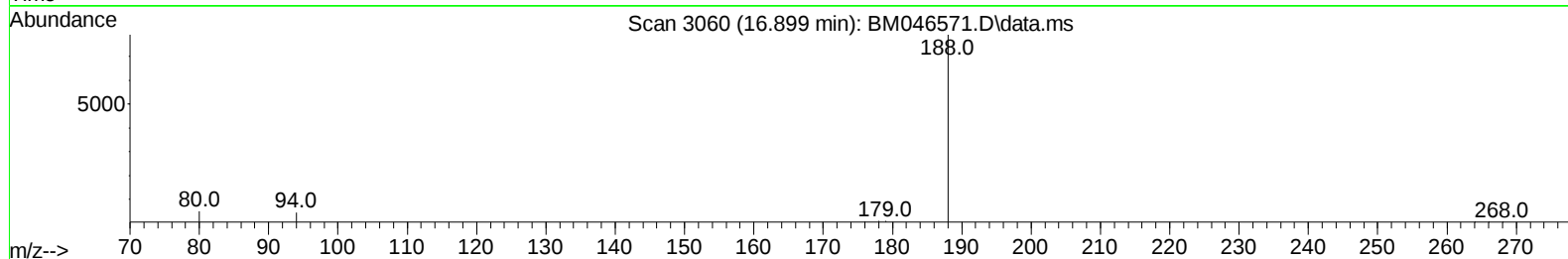
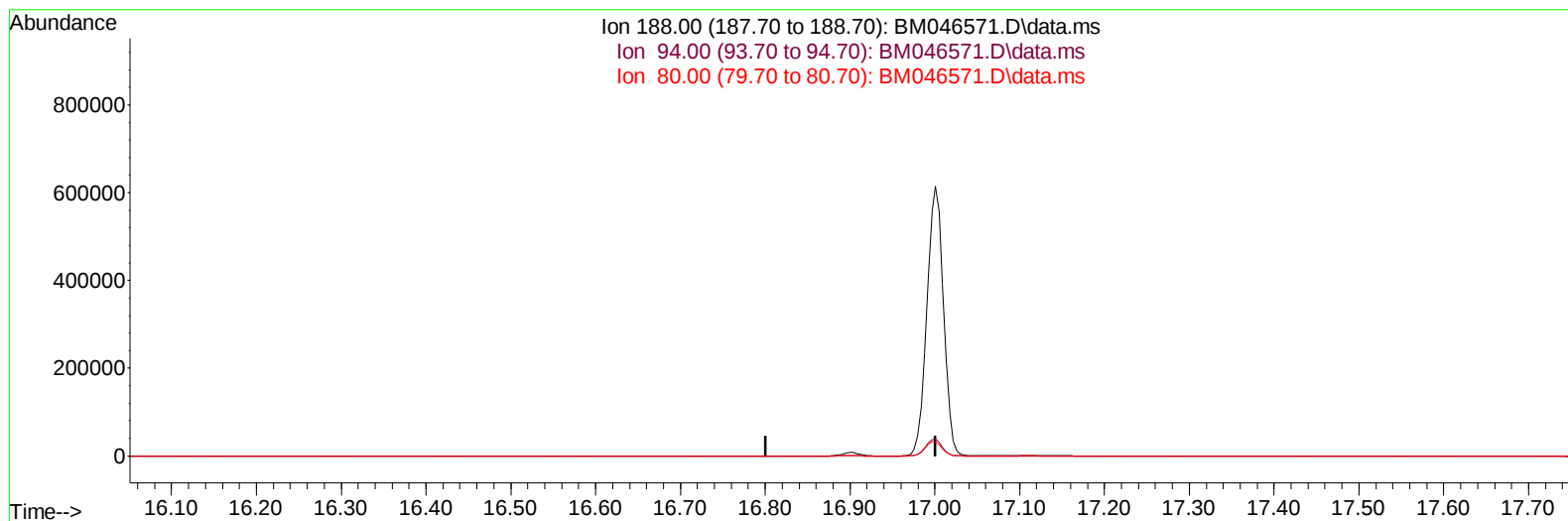
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071224\  
 Data File : BM046571.D  
 Acq On : 13 Jul 2024 07:47  
 Operator : MA/JU  
 Sample : P3088-02  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4CC5

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:59:14 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 07/15/2024  
 Supervised By :mohammad ahmed 07/16/2024



TIC: BM046571.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  |

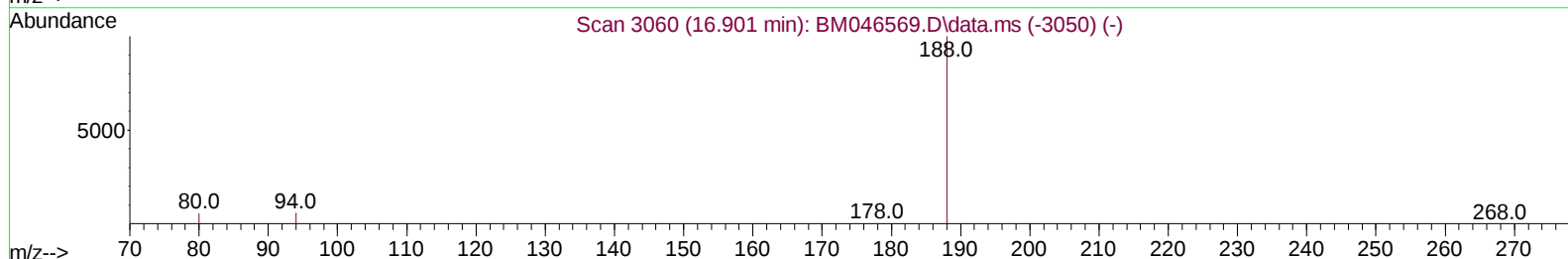
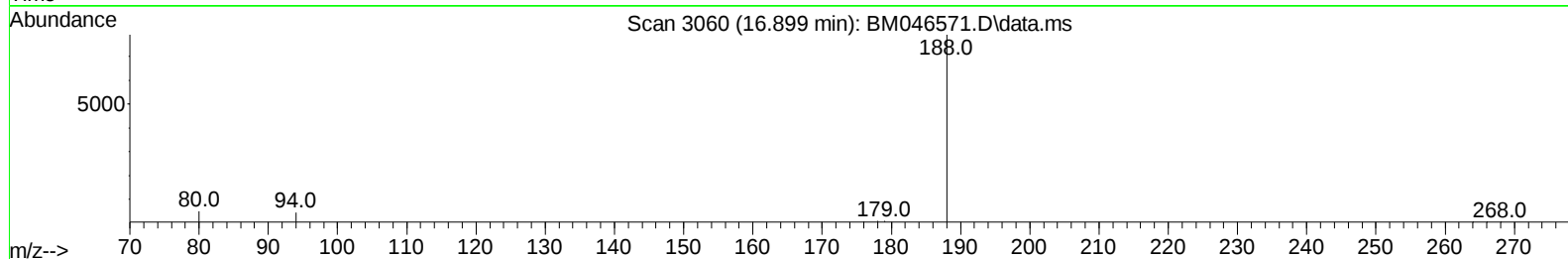
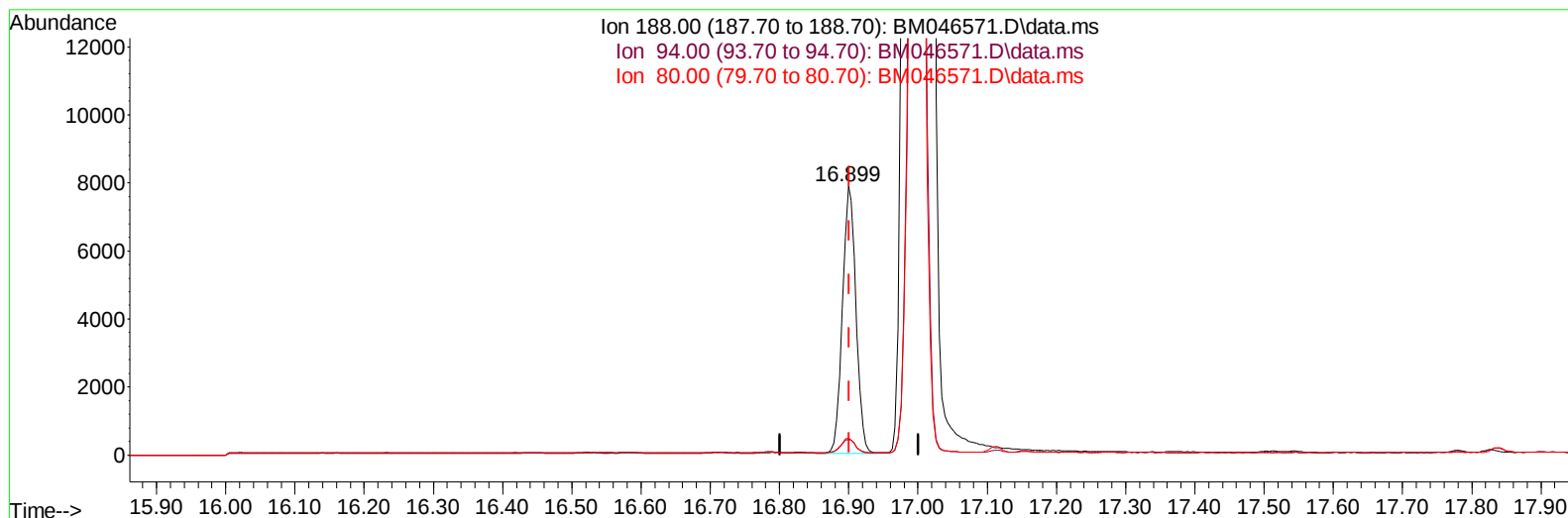
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071224\  
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ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Manual IntegrationsAPPROVED

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TIC: BM046571.D\data.ms

(13) Phenanthrene-d10 (I)

16.899min (-0.002) 0.40 ng/ul m

response 10601

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 6.40   | 5.78   |
| 80.00  | 6.60   | 6.39   |
| 0.00   | 0.00   | 0.00   |

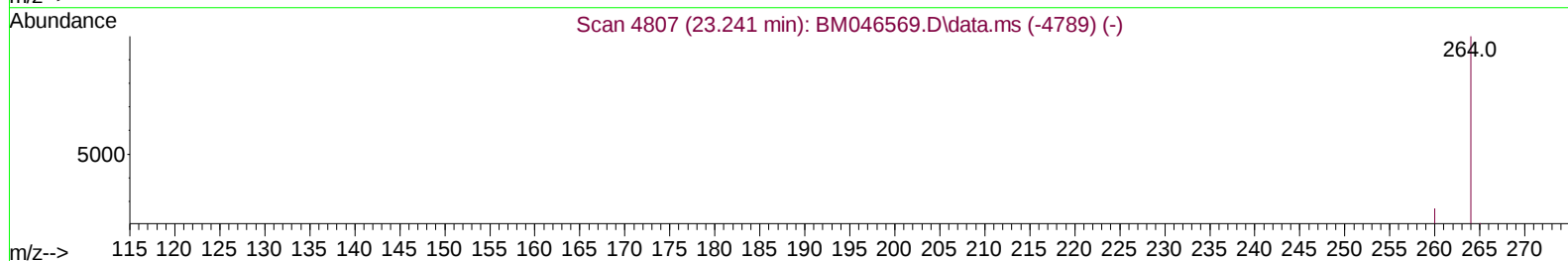
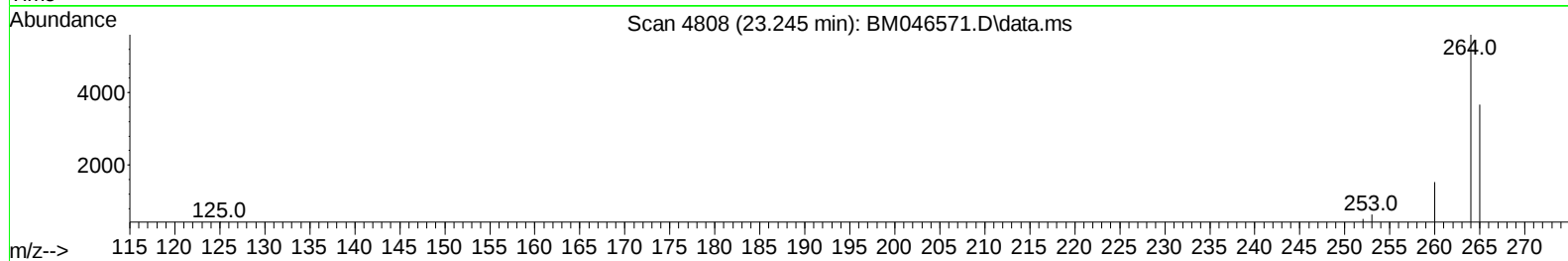
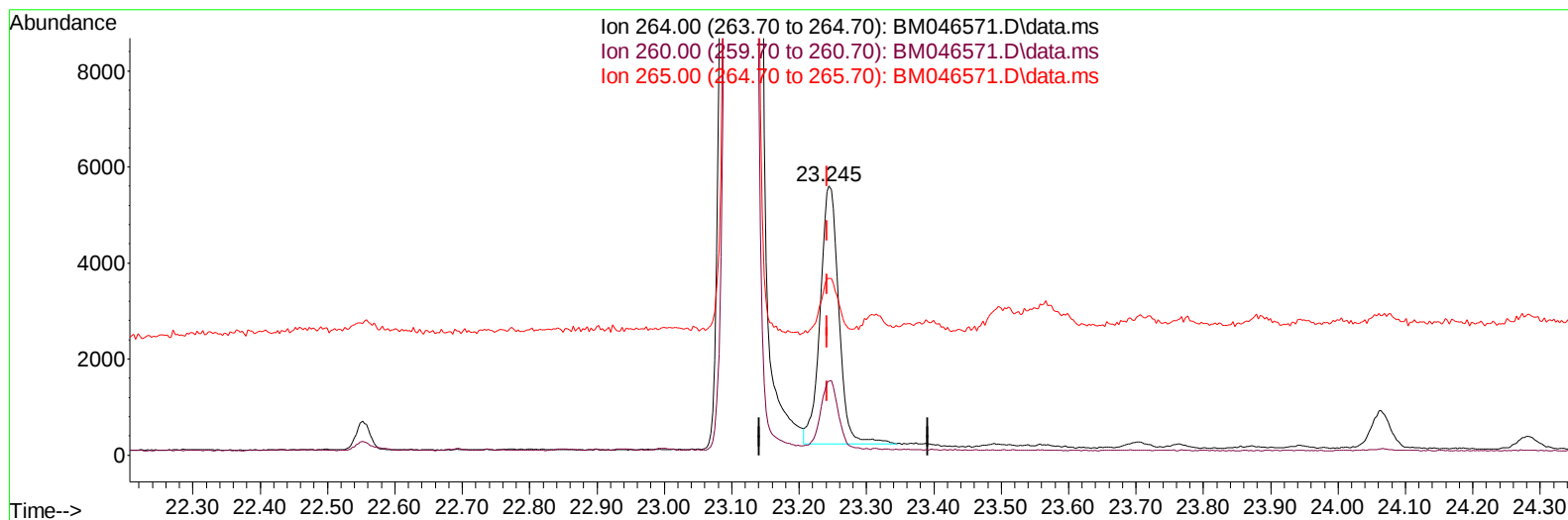
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071224\  
Data File : BM046571.D  
Acq On : 13 Jul 2024 07:47  
Operator : MA/JU  
Sample : P3088-02  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CC5

Manual IntegrationsAPPROVED

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TIC: BM046571.D\data.ms

(23) Perylene-d12 (I)

23.245min (+ 0.003) 0.40 ng/u1

response 10341

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.80  | 27.43  |
| 265.00 | 88.90  | 65.57# |
| 0.00   | 0.00   | 0.00   |

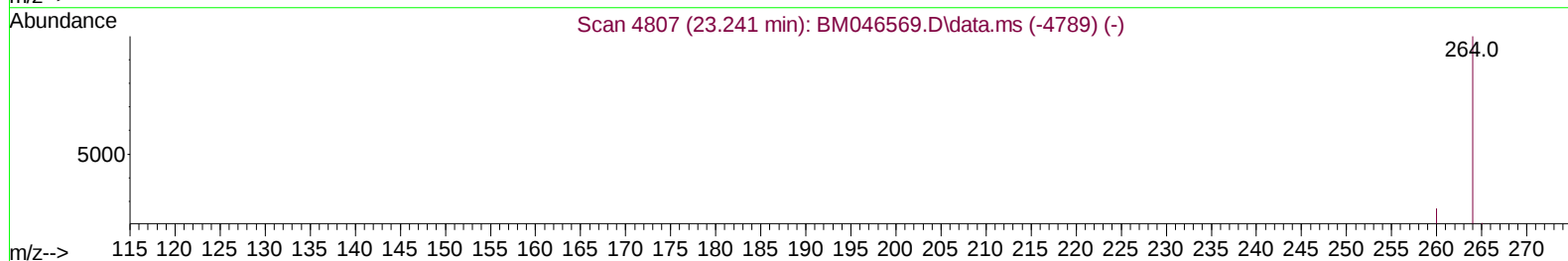
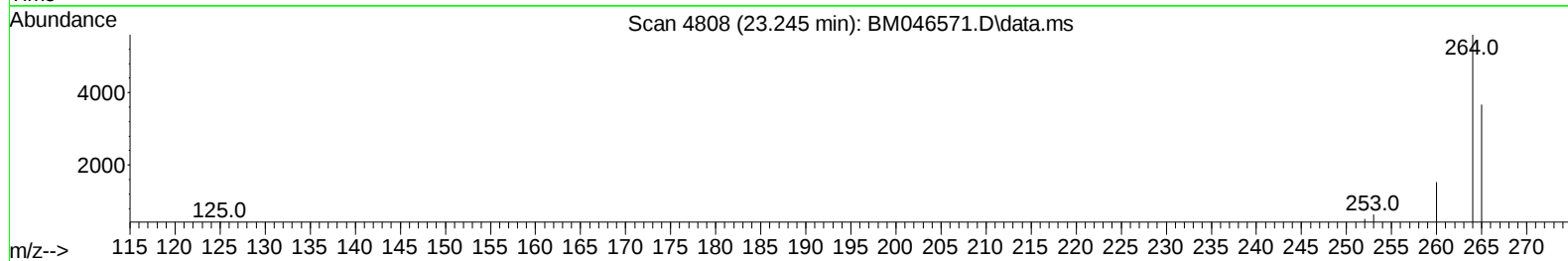
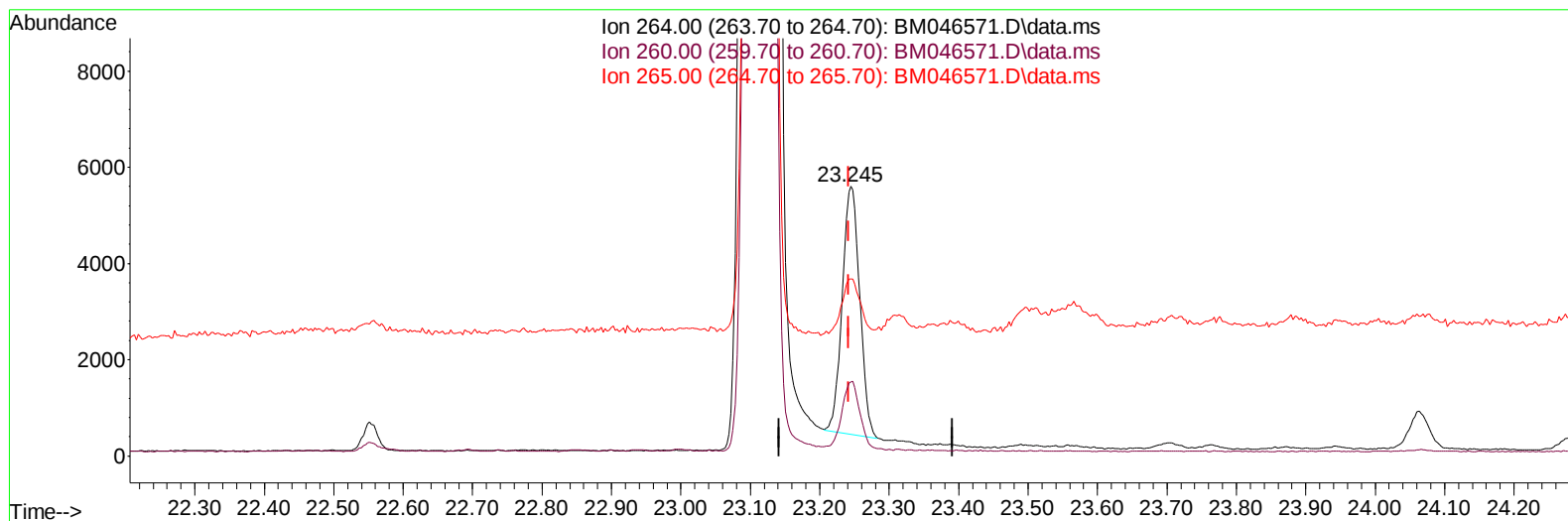
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071224\  
 Data File : BM046571.D  
 Acq On : 13 Jul 2024 07:47  
 Operator : MA/JU  
 Sample : P3088-02  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4CC5

Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:59:14 2024  
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 Supervised By :mohammad ahmed 07/16/2024



TIC: BM046571.D\data.ms

(23) Perylene-d12 (I)

23.245min (+ 0.003) 0.40 ng/ul m

response 9045

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.80  | 27.43  |
| 265.00 | 88.90  | 65.57# |
| 0.00   | 0.00   | 0.00   |

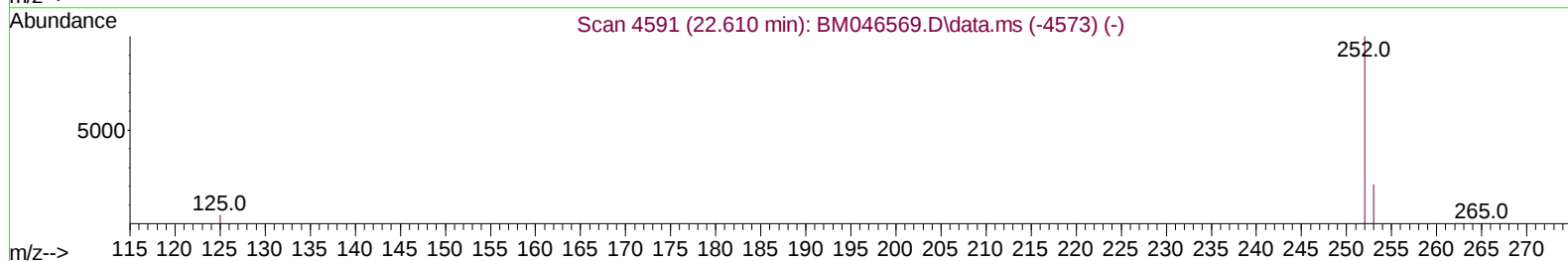
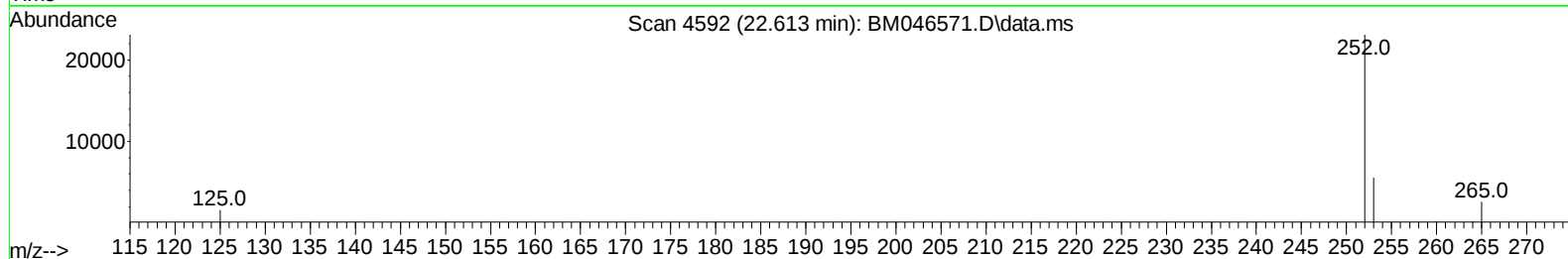
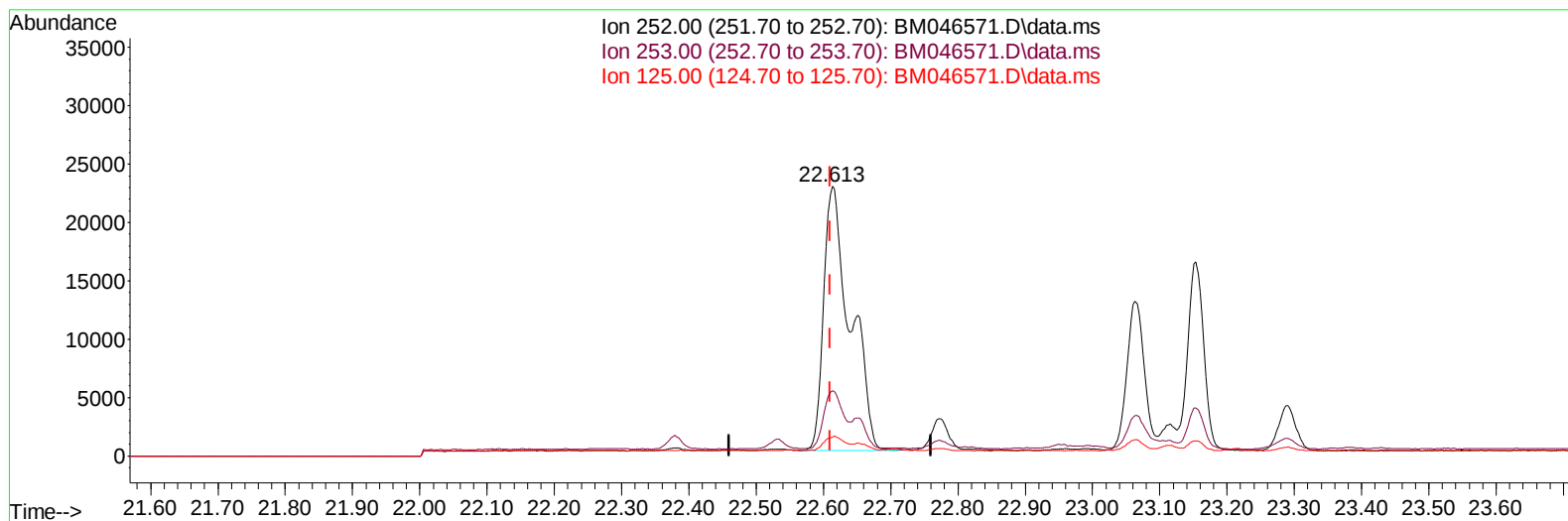
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071224\  
Data File : BM046571.D  
Acq On : 13 Jul 2024 07:47  
Operator : MA/JU  
Sample : P3088-02  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CC5

Manual IntegrationsAPPROVED

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TIC: BM046571.D\data.ms

(24) Benzo(b)fluoranthene

22.613min (+ 0.003) 1.72 ng/u1

response 62184

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.10  | 24.08  |
| 125.00 | 8.90   | 6.97   |
| 0.00   | 0.00   | 0.00   |

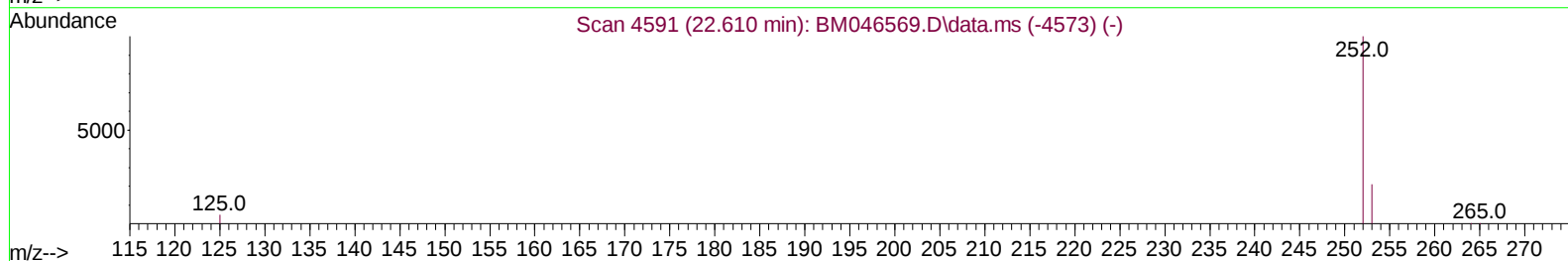
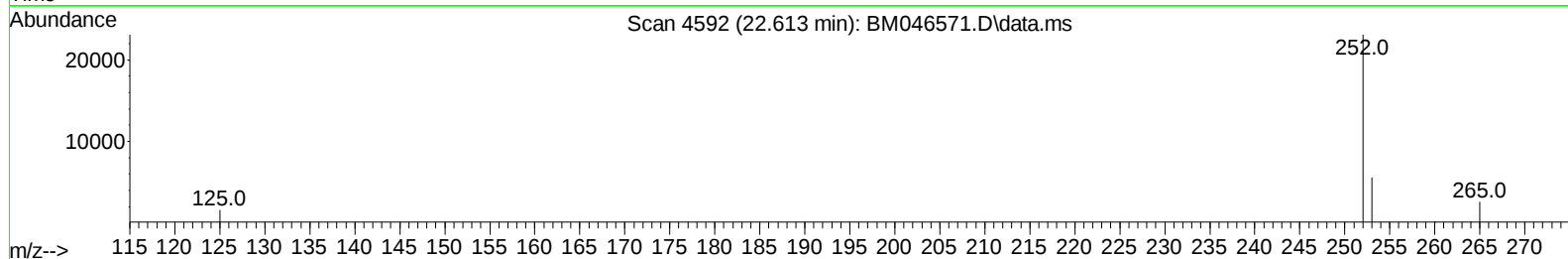
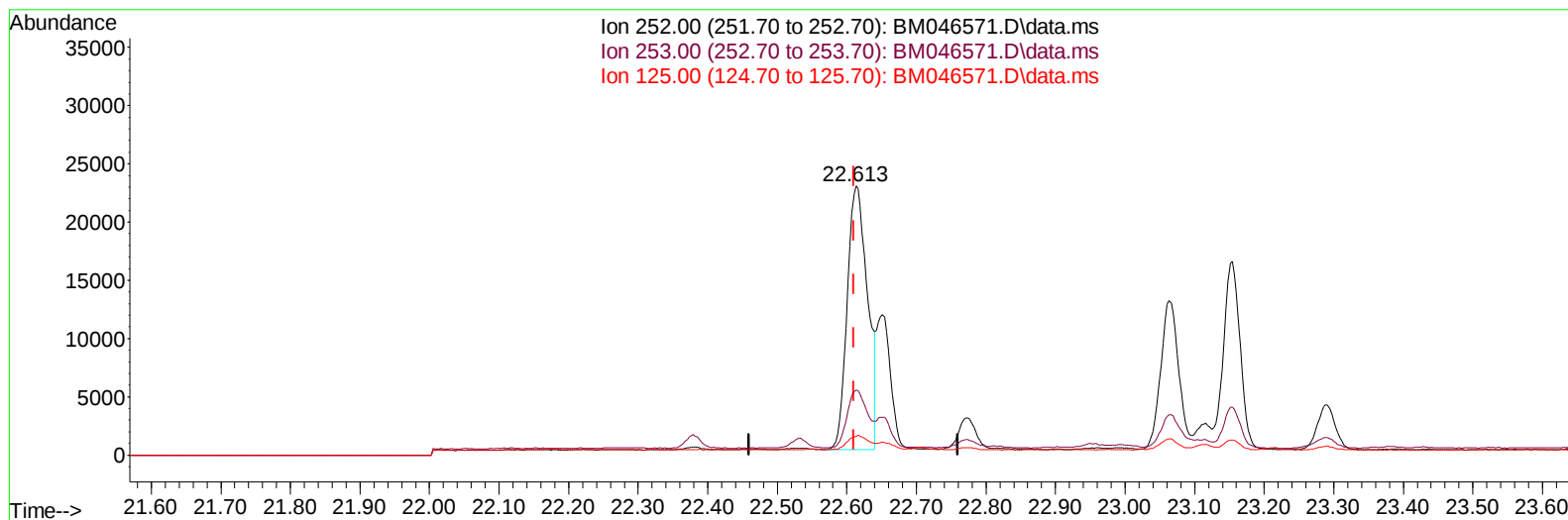
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071224\  
Data File : BM046571.D  
Acq On : 13 Jul 2024 07:47  
Operator : MA/JU  
Sample : P3088-02  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CC5

Manual IntegrationsAPPROVED

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Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/15/2024  
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TIC: BM046571.D\data.ms

(24) Benzo(b)fluoranthene

22.613min (+ 0.003) 1.27 ng/u1 m

response 45793

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.10  | 24.08  |
| 125.00 | 8.90   | 6.97   |
| 0.00   | 0.00   | 0.00   |

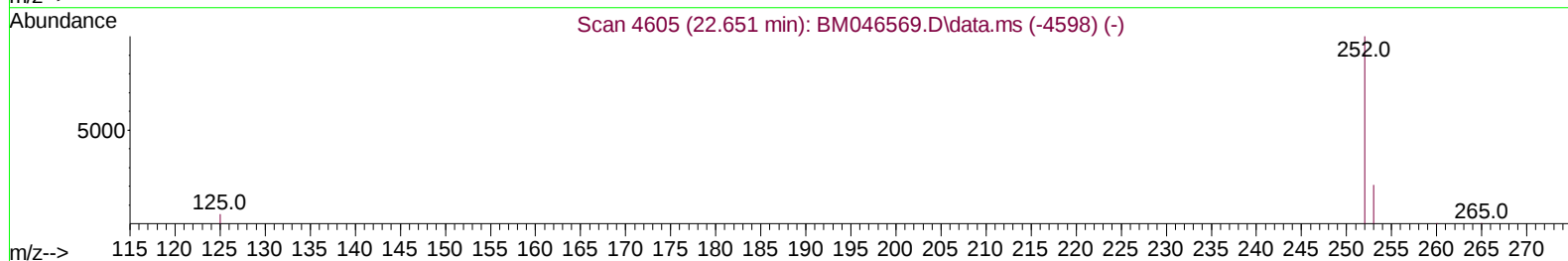
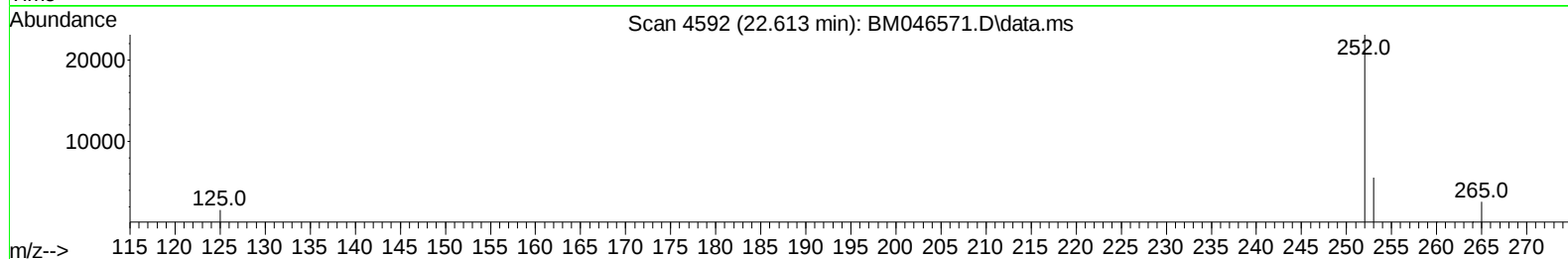
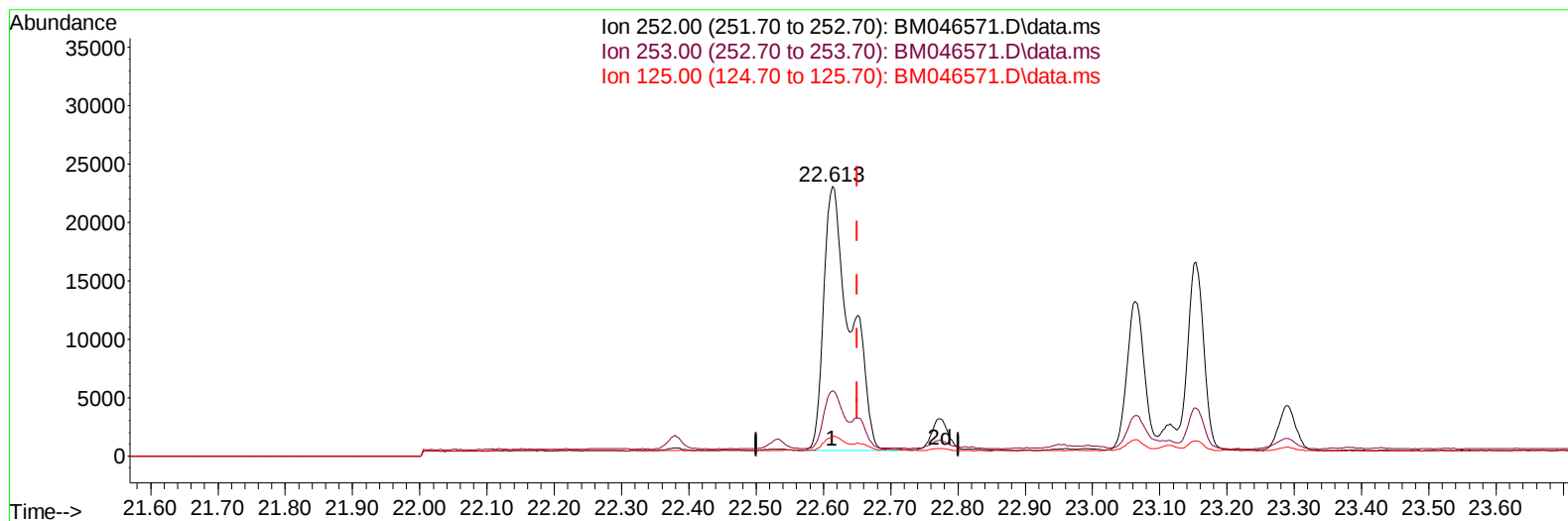
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071224\  
Data File : BM046571.D  
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Operator : MA/JU  
Sample : P3088-02  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CC5

Manual IntegrationsAPPROVED

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TIC: BM046571.D\data.ms

(25) Benzo(k)fluoranthene

22.613min (-0.038) 1.75 ng/u1

response 62184

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.00  | 24.08  |
| 125.00 | 8.70   | 6.97   |
| 0.00   | 0.00   | 0.00   |

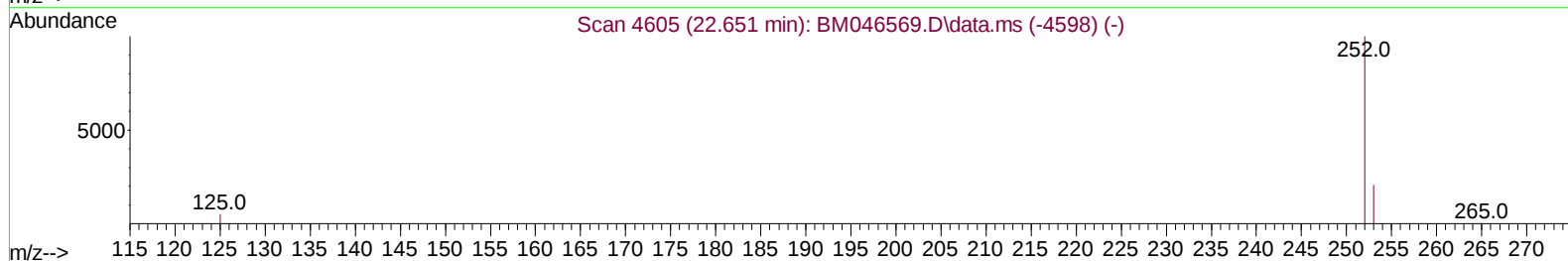
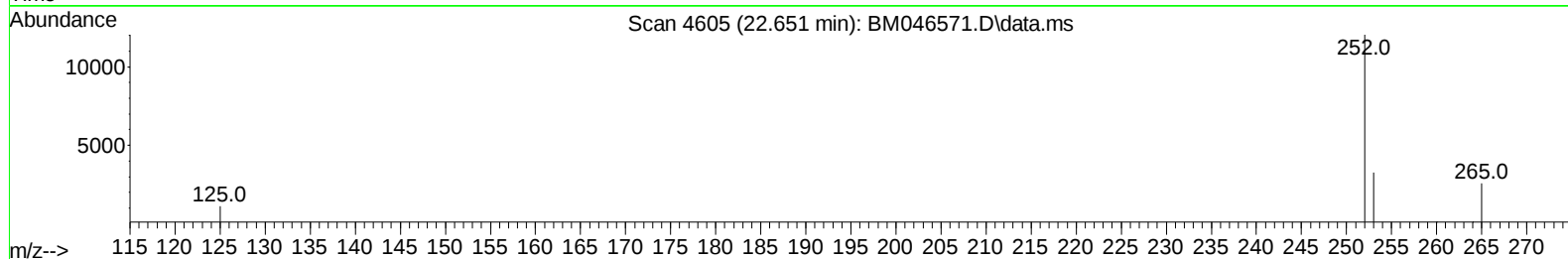
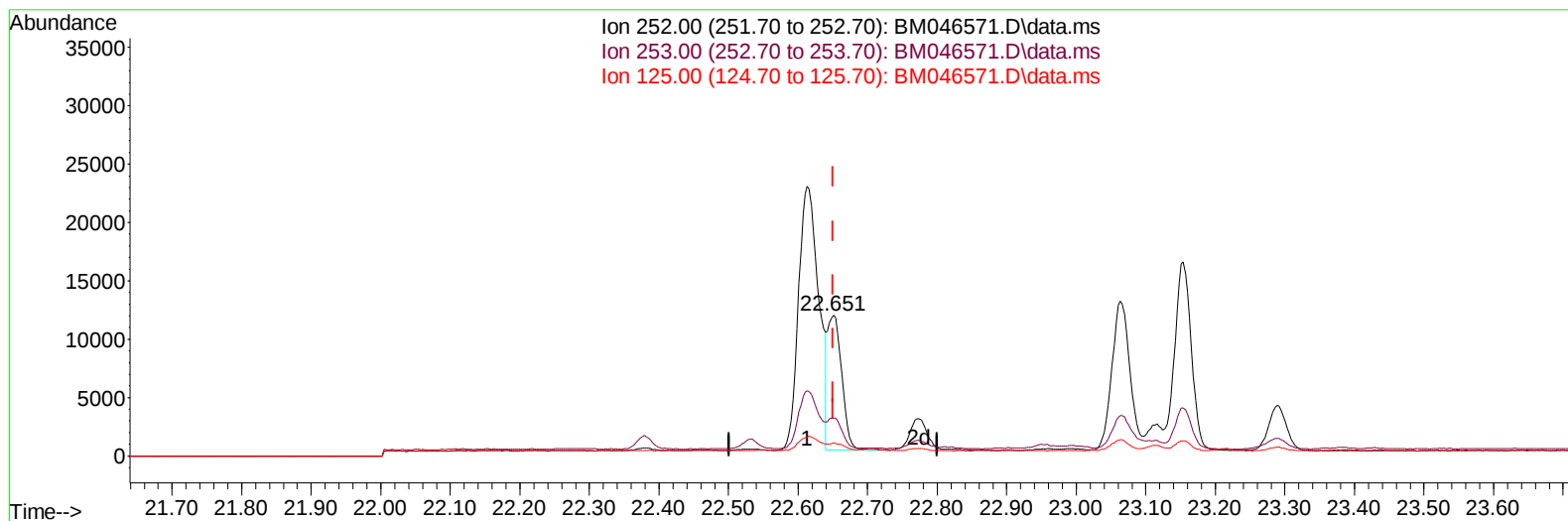
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071224\  
Data File : BM046571.D  
Acq On : 13 Jul 2024 07:47  
Operator : MA/JU  
Sample : P3088-02  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CC5

Manual IntegrationsAPPROVED

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QLast Update : Mon Jul 15 08:57:27 2024  
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TIC: BM046571.D\data.ms

(25) Benzo(k)fluoranthene

22.651min (+ 0.000) 0.46 ng/u1 m

response 16300

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.00  | 27.05  |
| 125.00 | 8.70   | 9.13   |
| 0.00   | 0.00   | 0.00   |

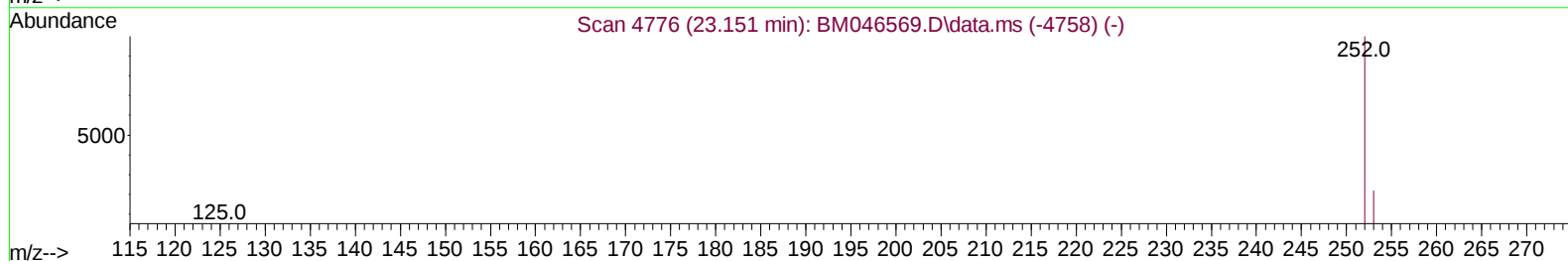
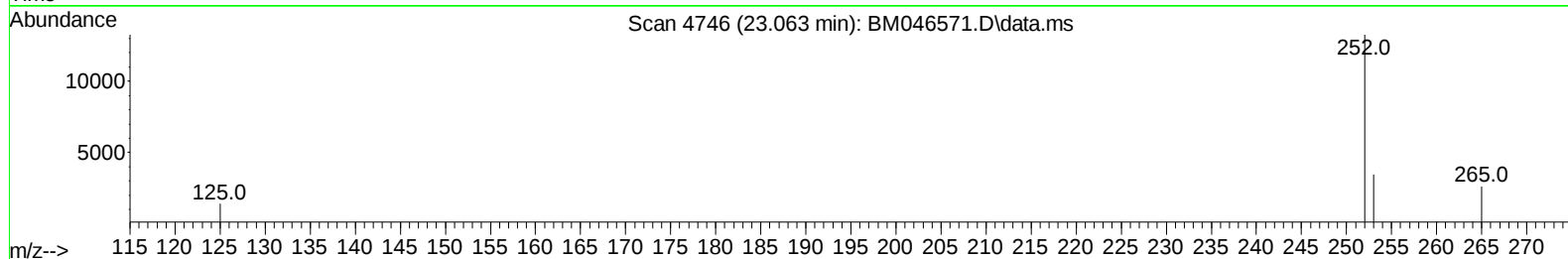
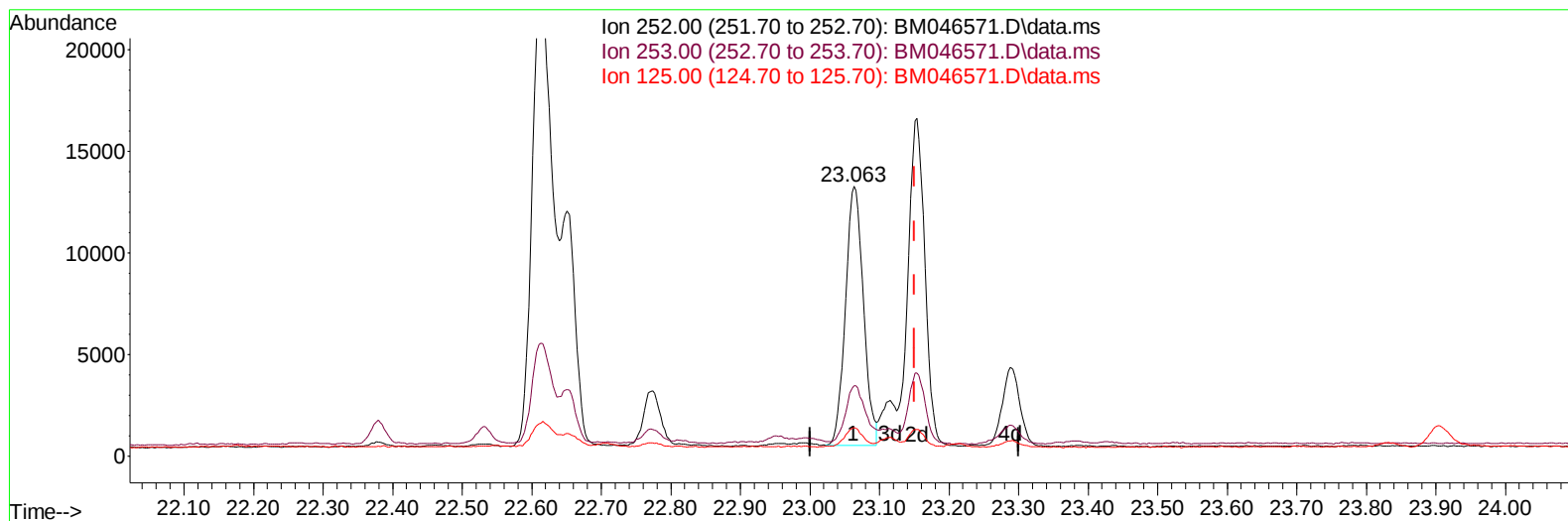
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 Operator : MA/JU  
 Sample : P3088-02  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4CC5

Manual IntegrationsAPPROVED

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TIC: BM046571.D\data.ms

(26) Benzo(a)pyrene (C)

23.063min (-0.088) 0.77 ng/u1

response 22923

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 30.00  | 26.07  |
| 125.00 | 10.20  | 10.48  |
| 0.00   | 0.00   | 0.00   |

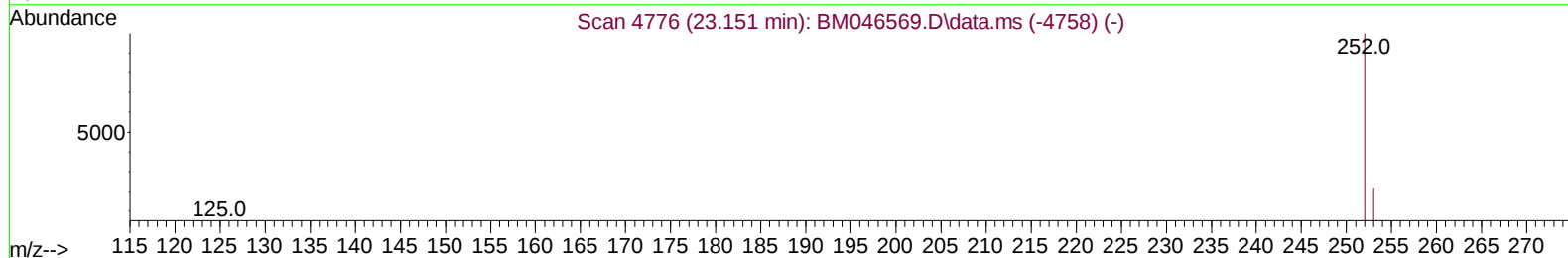
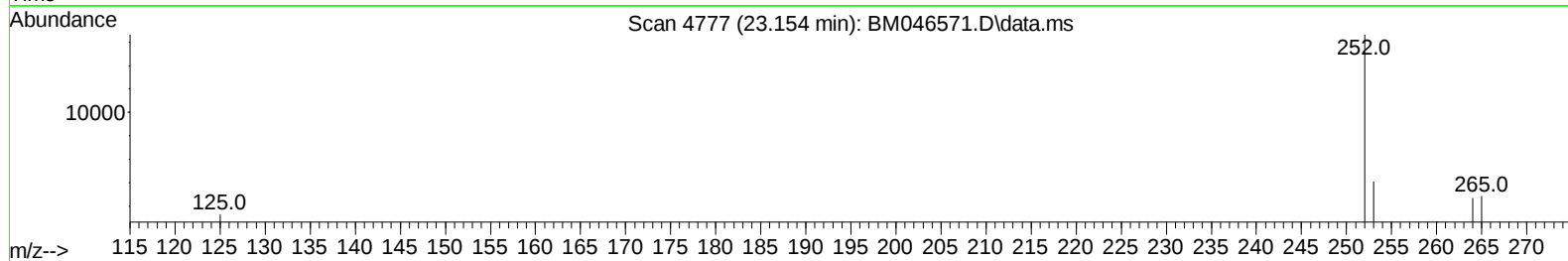
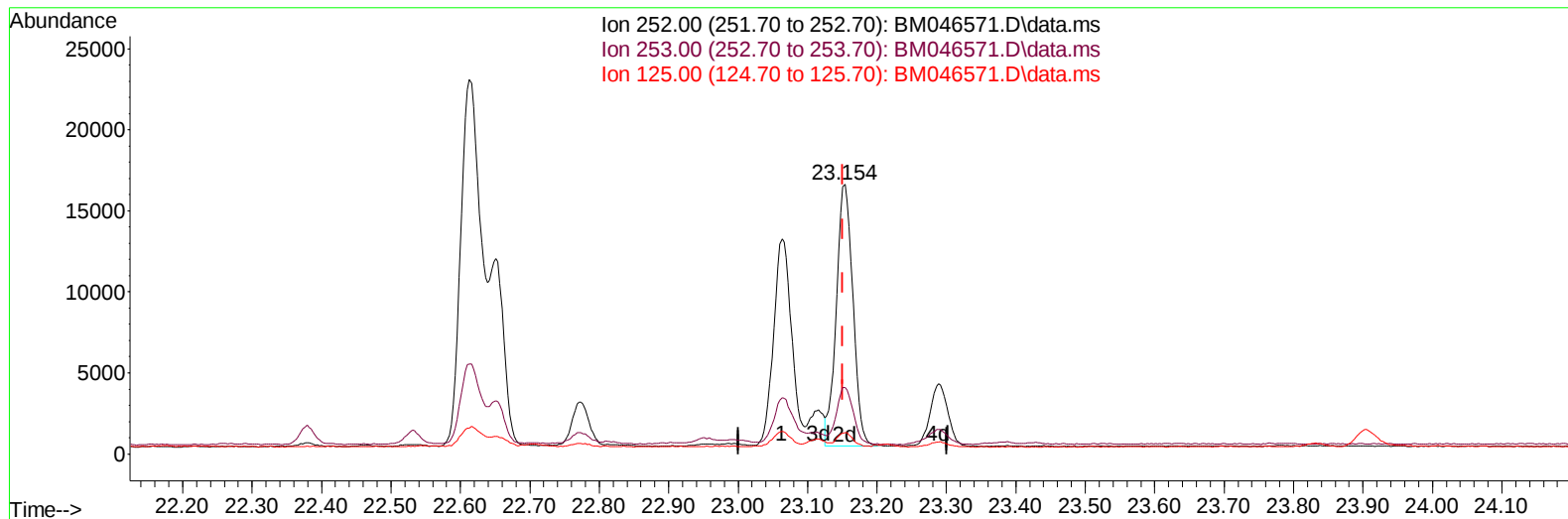
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Sample : P3088-02  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CC5

Manual IntegrationsAPPROVED

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TIC: BM046571.D\data.ms

(26) Benzo(a)pyrene (C)

23.154min (+ 0.003) 0.90 ng/ul m

response 26761

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 30.00  | 24.65  |
| 125.00 | 10.20  | 7.86#  |
| 0.00   | 0.00   | 0.00   |

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 Operator : MA/JU  
 Sample : P3088-02  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4CC5

Manual IntegrationsAPPROVED

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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.506  | 152  | 2847     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.270 | 136  | 7498     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.149 | 164  | 4803     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.899 | 188  | 10601m   | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.105 | 240  | 8722     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.245 | 264  | 9045m    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.118  | 96   | 9802     | 4.190 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.865 | 152  | 3795     | 0.314 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.940 | 212  | 9459     | 0.356 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.314 | 128  | 407      | 0.021 | ng/ul# | 62       |
| 10) Acenaphthylene          | 13.867 | 152  | 1817     | 0.083 | ng/ul  | 95       |
| 11) Acenaphthene            | 14.209 | 153  | 512      | 0.035 | ng/ul  | 98       |
| 12) Fluorene                | 15.209 | 166  | 1109     | 0.061 | ng/ul# | 98       |
| 15) Phenanthrene            | 16.942 | 178  | 33036    | 1.092 | ng/ul  | 99       |
| 16) Anthracene              | 17.030 | 178  | 4857     | 0.165 | ng/ul  | 98       |
| 19) Fluoranthene            | 18.968 | 202  | 76600    | 2.138 | ng/ul  | 99       |
| 20) Pyrene                  | 19.335 | 202  | 63078    | 1.626 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.091 | 228  | 27022    | 0.700 | ng/ul  | 97       |
| 22) Chrysene                | 21.140 | 228  | 32908    | 0.881 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.613 | 252  | 45793m   | 1.268 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.651 | 252  | 16300m   | 0.460 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.154 | 252  | 26761m   | 0.900 | ng/ul  |          |
| 27) Indeno(1,2,3-cd)pyrene  | 25.363 | 276  | 24461    | 0.541 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.373 | 278  | 5346     | 0.149 | ng/ul# | 83       |
| 29) Benzo(g,h,i)perylene    | 26.004 | 276  | 23861    | 0.661 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CC5

## Manual IntegrationsAPPROVED

Quant Time: Jul 15 08:59:14 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 07/15/2024  
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