

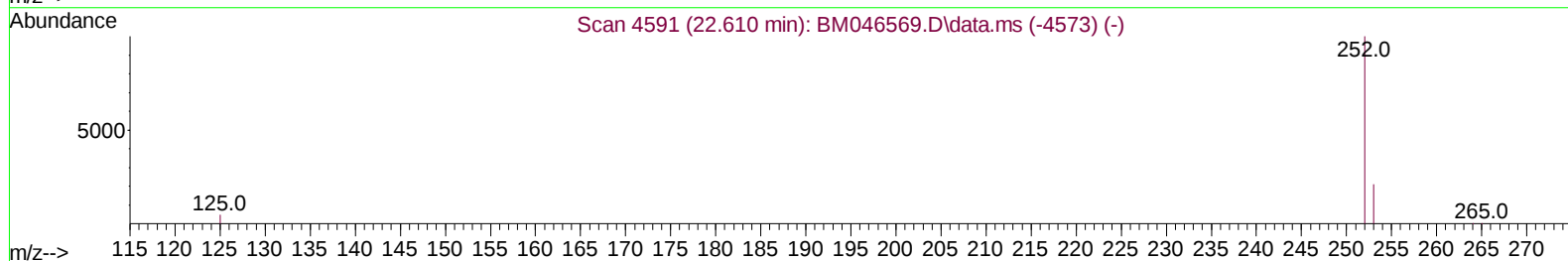
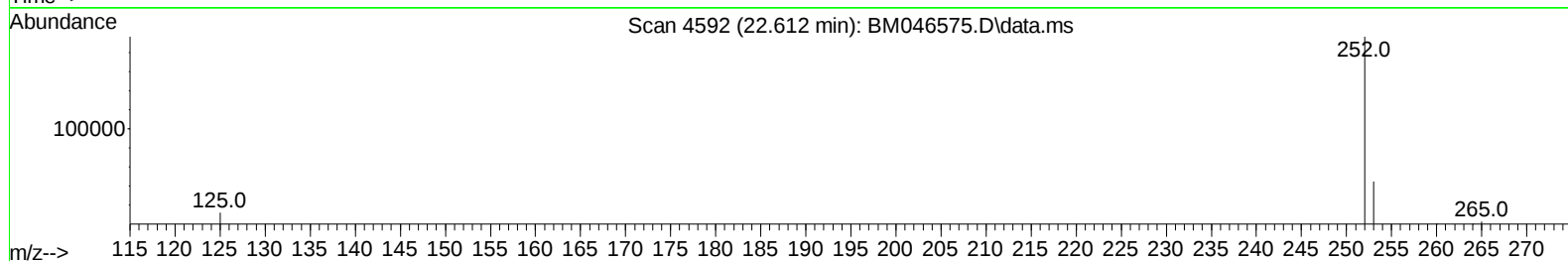
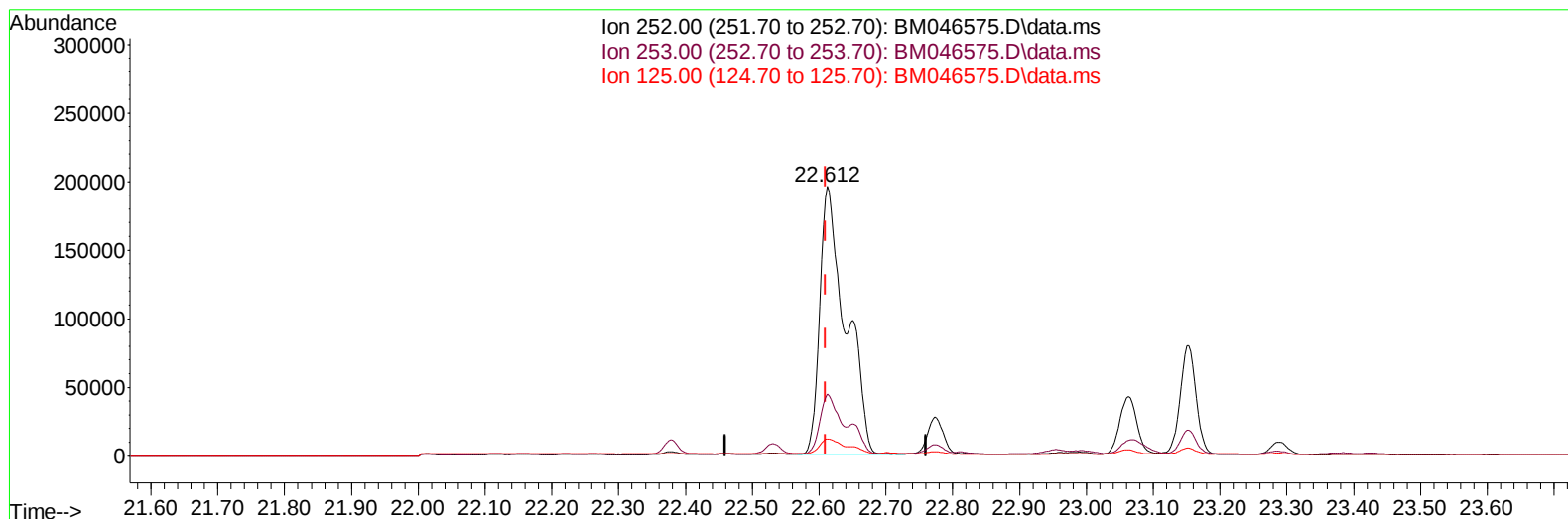
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071224\  
Data File : BM046575.D  
Acq On : 13 Jul 2024 10:13  
Operator : MA/JU  
Sample : P3088-11  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CY3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 09:00:24 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: BM046575.D\data.ms

(24) Benzo(b)fluoranthene

22.612min (+ 0.002) 10.39 ng/u1

response 527838

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.10  | 22.92  |
| 125.00 | 8.90   | 6.38   |
| 0.00   | 0.00   | 0.00   |

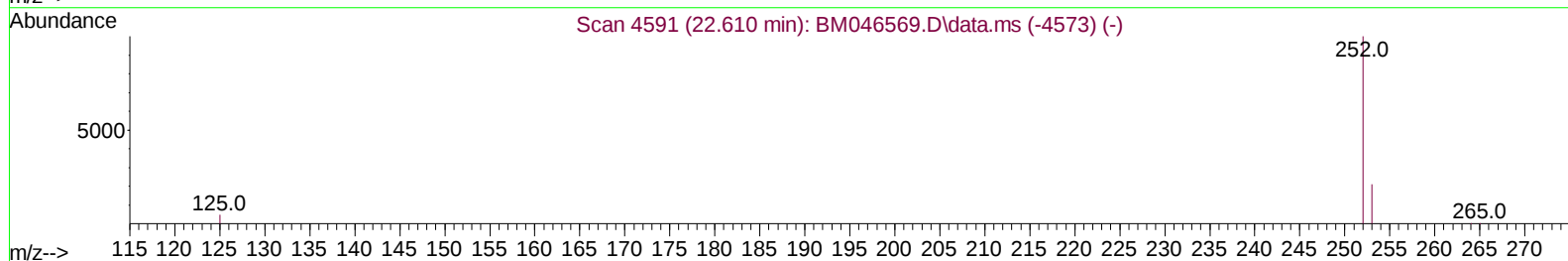
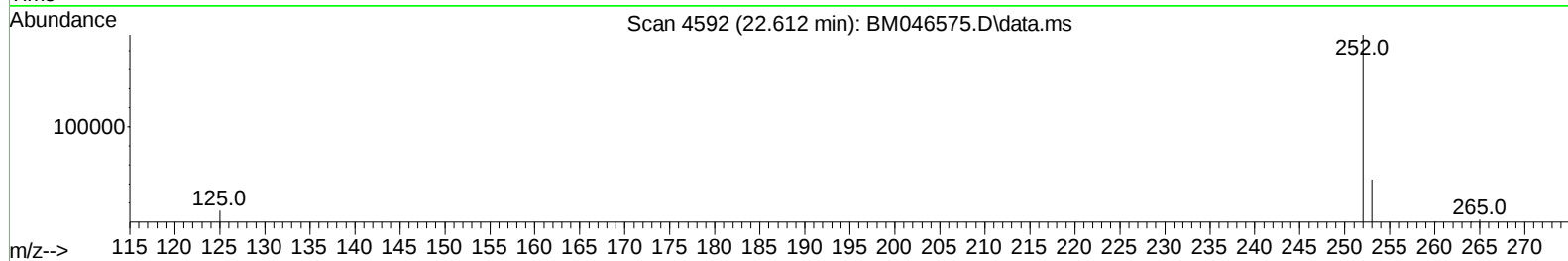
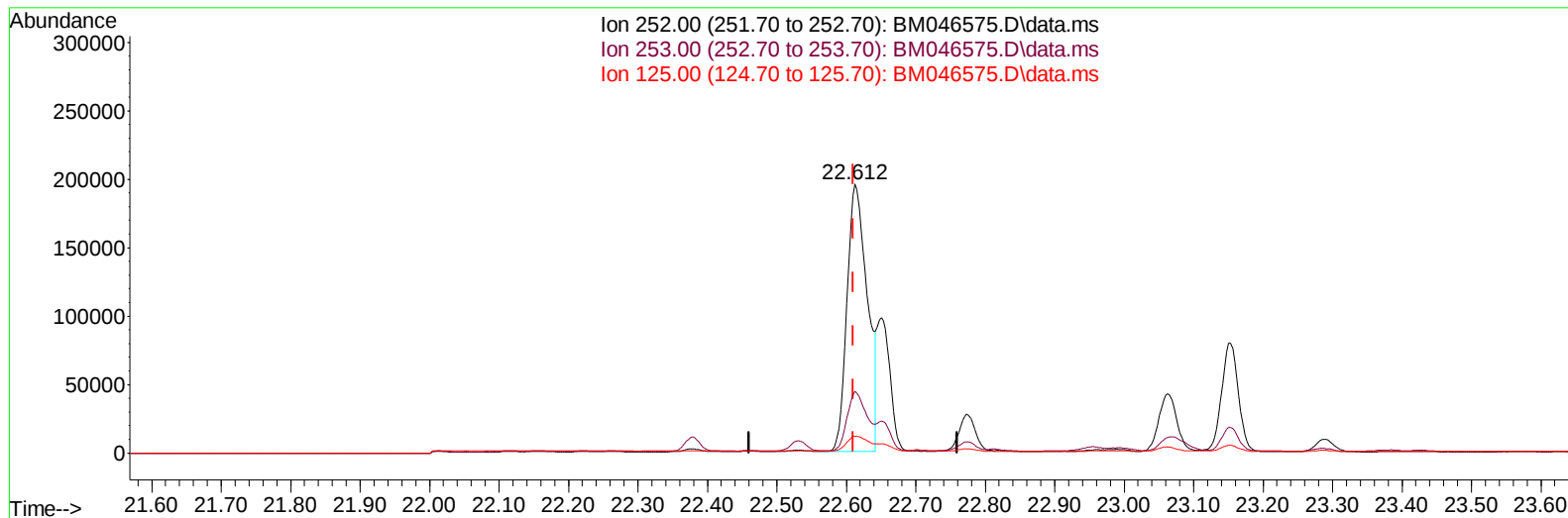
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071224\  
Data File : BM046575.D  
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Instrument :  
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A4CY3

Manual IntegrationsAPPROVED

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TIC: BM046575.D\data.ms

(24) Benzo(b)fluoranthene

22.612min (+ 0.002) 7.88 ng/u1 m

response 400398

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.10  | 22.92  |
| 125.00 | 8.90   | 6.38   |
| 0.00   | 0.00   | 0.00   |

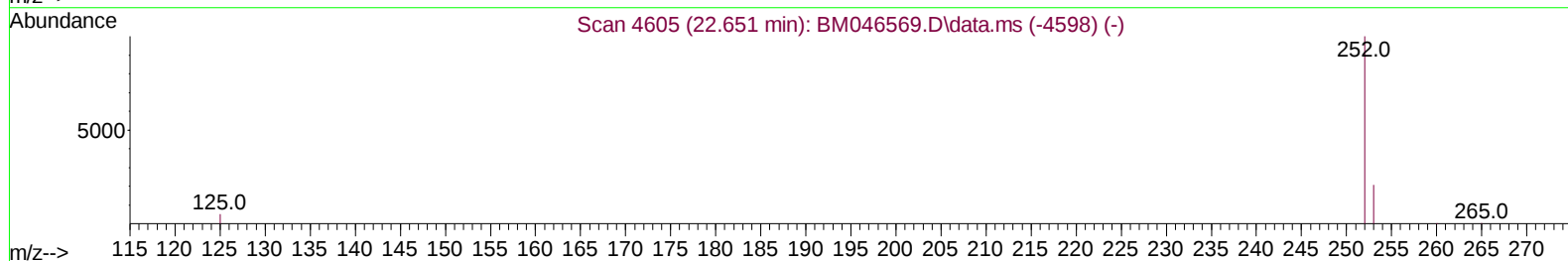
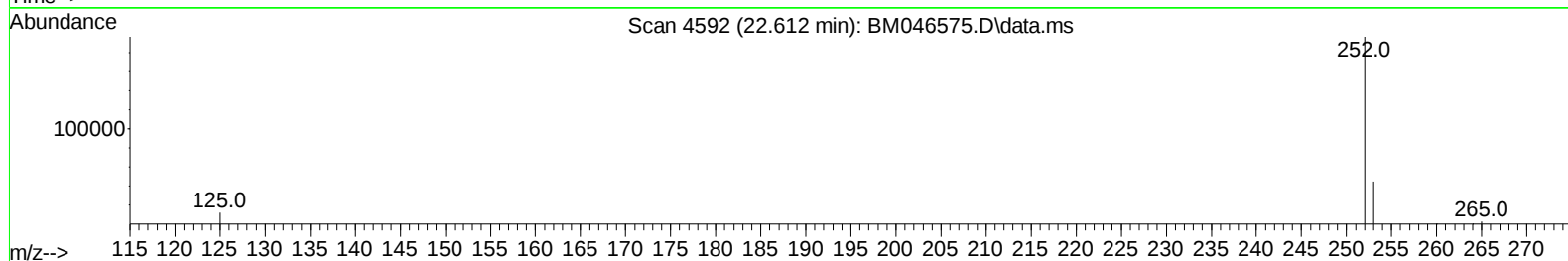
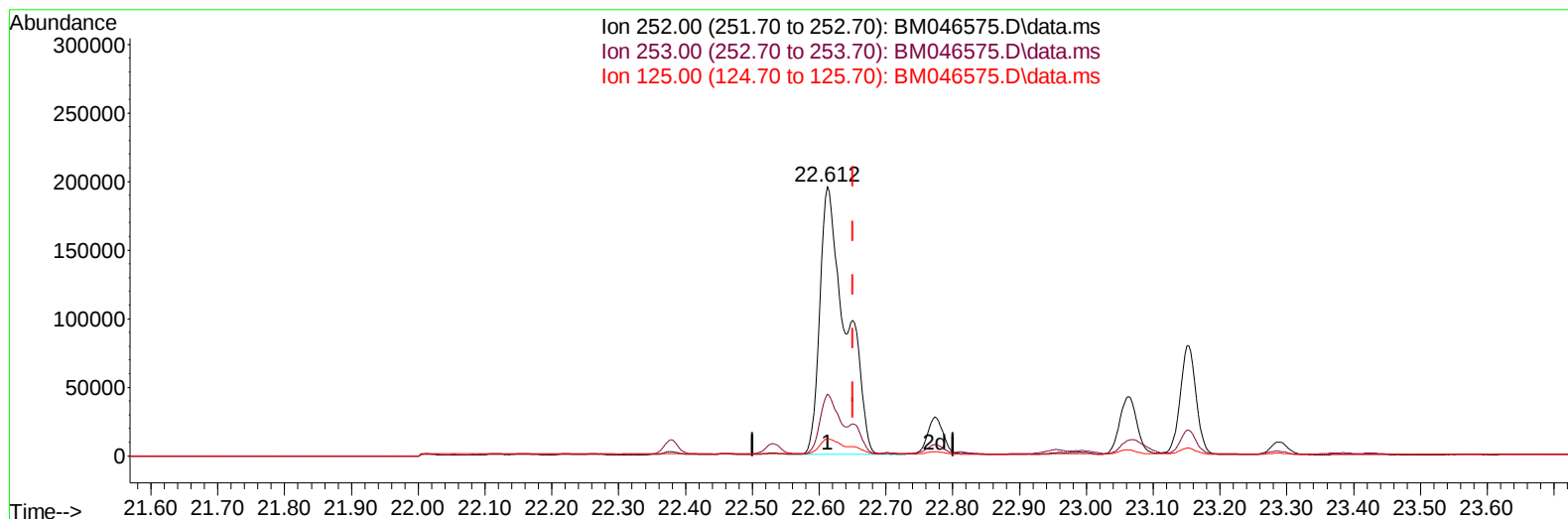
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071224\  
Data File : BM046575.D  
Acq On : 13 Jul 2024 10:13  
Operator : MA/JU  
Sample : P3088-11  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CY3

Manual IntegrationsAPPROVED

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TIC: BM046575.D\data.ms

(25) Benzo(k)fluoranthene

22.612min (-0.038) 10.58 ng/u1

response 527838

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.00  | 22.92  |
| 125.00 | 8.70   | 6.38#  |
| 0.00   | 0.00   | 0.00   |

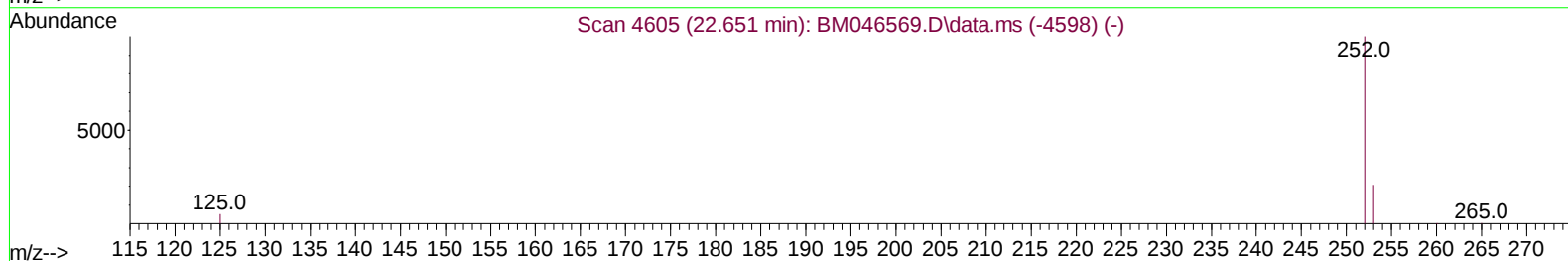
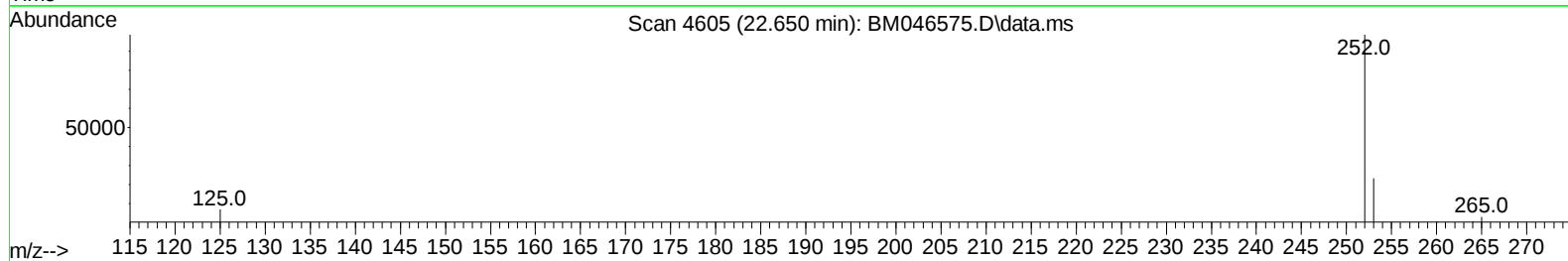
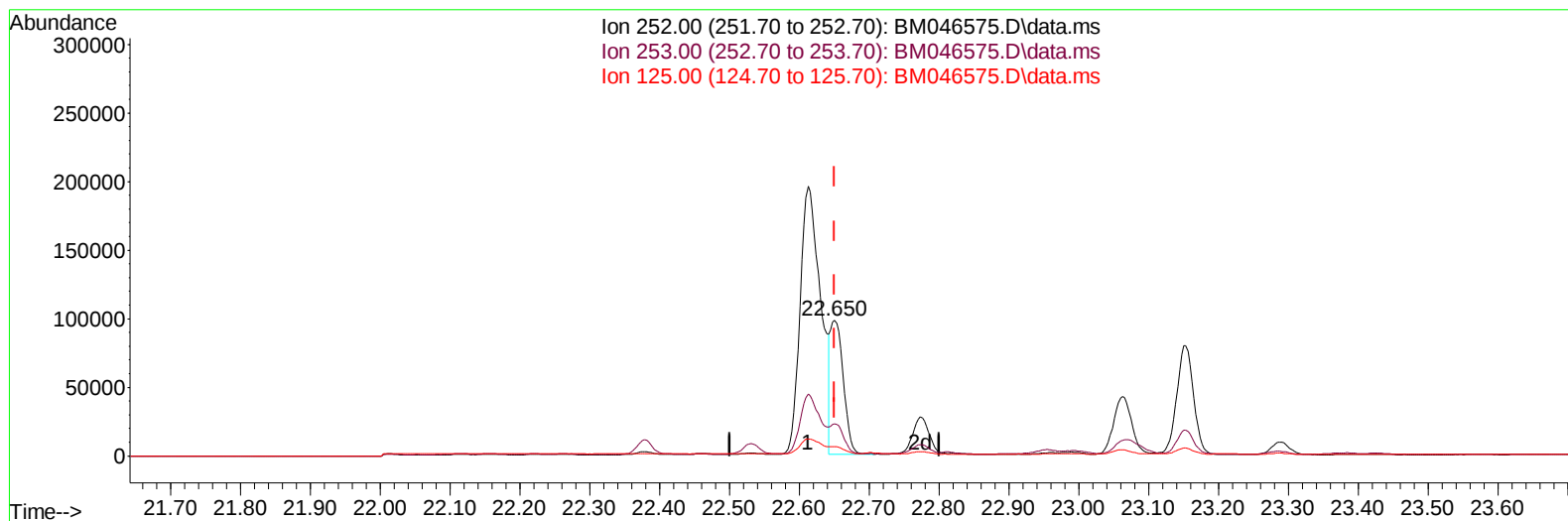
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071224\  
Data File : BM046575.D  
Acq On : 13 Jul 2024 10:13  
Operator : MA/JU  
Sample : P3088-11  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CY3

Manual IntegrationsAPPROVED

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QLast Update : Mon Jul 15 08:57:27 2024  
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TIC: BM046575.D\data.ms

(25) Benzo(k)fluoranthene

22.650min (-0.000) 2.52 ng/u1 m

response 125887

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.00  | 23.66  |
| 125.00 | 8.70   | 6.99   |
| 0.00   | 0.00   | 0.00   |

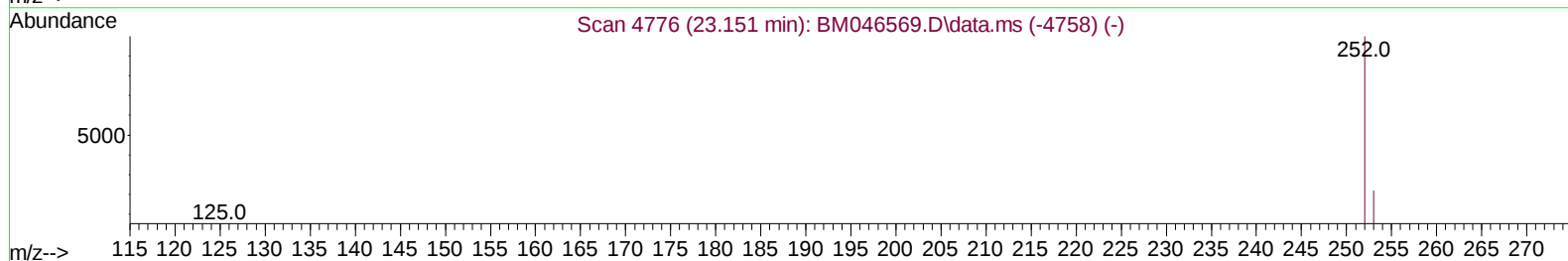
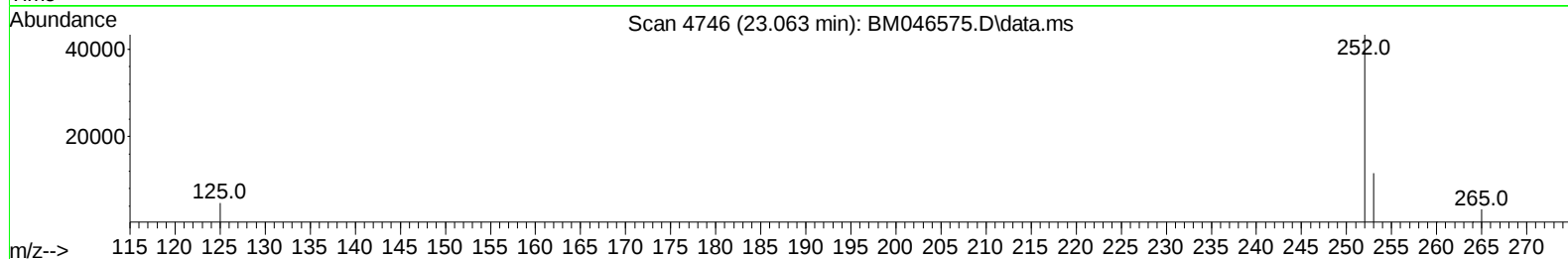
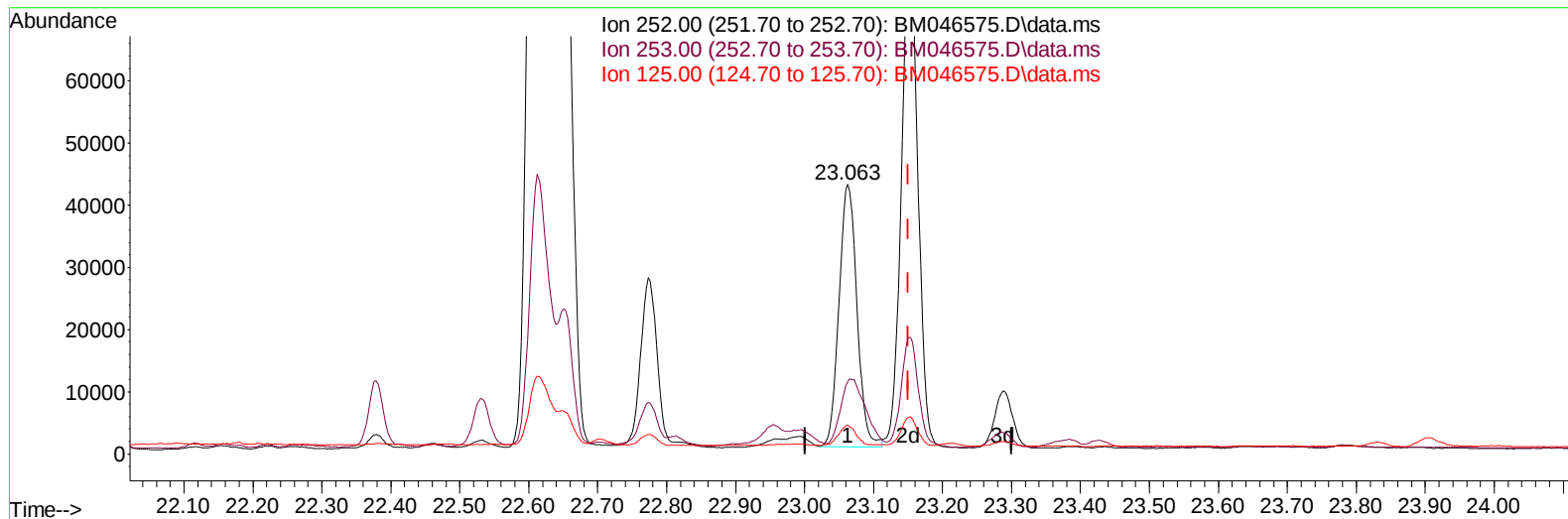
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071224\  
Data File : BM046575.D  
Acq On : 13 Jul 2024 10:13  
Operator : MA/JU  
Sample : P3088-11  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CY3

Manual IntegrationsAPPROVED

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TIC: BM046575.D\data.ms

(26) Benzo(a)pyrene (C)

23.063min (-0.088) 1.82 ng/u1

response 76233

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 30.00  | 26.86  |
| 125.00 | 10.20  | 10.74  |
| 0.00   | 0.00   | 0.00   |

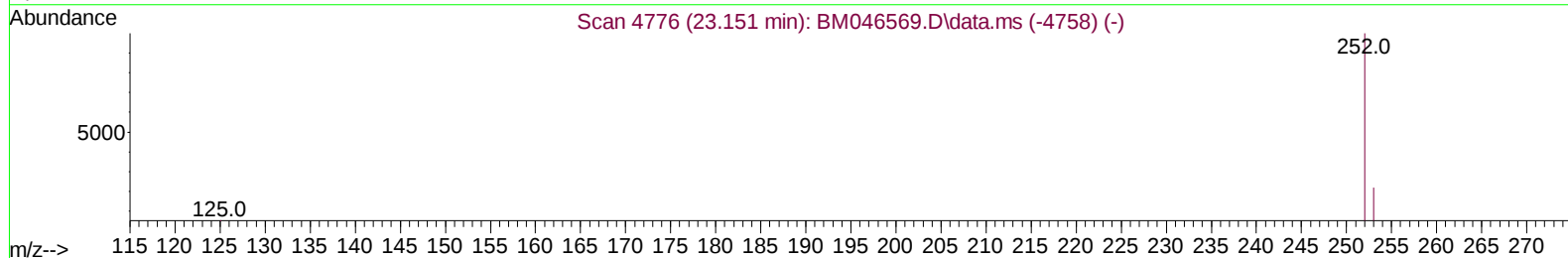
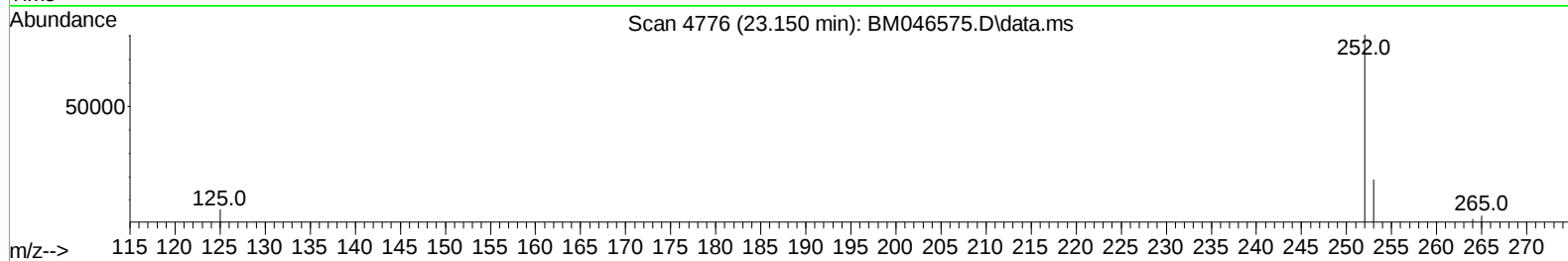
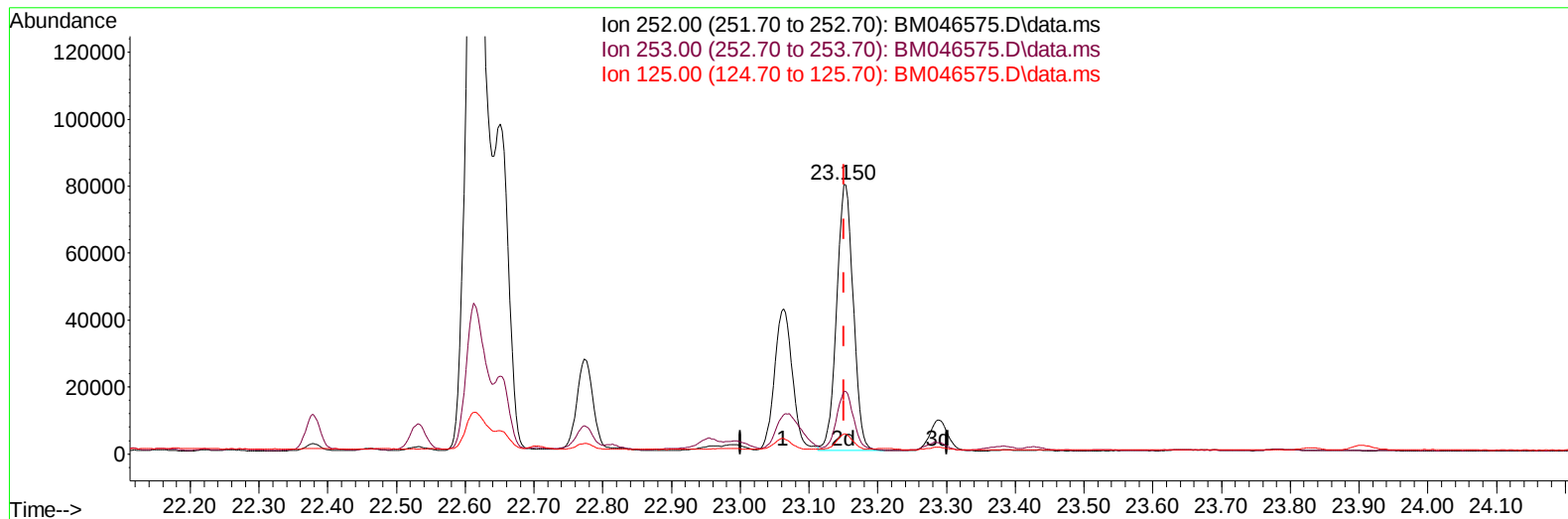
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Data File : BM046575.D  
Acq On : 13 Jul 2024 10:13  
Operator : MA/JU  
Sample : P3088-11  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CY3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 09:00:24 2024  
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QLast Update : Mon Jul 15 08:57:27 2024  
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TIC: BM046575.D\data.ms

(26) Benzo(a)pyrene (C)

23.150min (-0.000) 3.19 ng/u1 m

response 133396

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 30.00  | 23.30# |
| 125.00 | 10.20  | 7.36#  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071224\  
 Data File : BM046575.D  
 Acq On : 13 Jul 2024 10:13  
 Operator : MA/JU  
 Sample : P3088-11  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4CY3

Manual IntegrationsAPPROVED

Quant Time: Jul 15 09:00:24 2024  
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| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.506  | 152  | 4288     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.266 | 136  | 11655    | 0.400  | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.146 | 164  | 7284     | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.901 | 188  | 16462    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.105 | 240  | 11221    | 0.400  | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.244 | 264  | 12719    | 0.400  | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.117  | 96   | 8393     | 2.382  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.866 | 152  | 3340     | 0.178  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.937 | 212  | 7866     | 0.230  | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        |        | Qvalue   |
| 5) Naphthalene              | 10.315 | 128  | 8545     | 0.288  | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 11.943 | 142  | 3175     | 0.152  | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.163 | 142  | 2563     | 0.121  | ng/ul  | 100      |
| 10) Acenaphthylene          | 13.864 | 152  | 16585    | 0.500  | ng/ul  | 98       |
| 11) Acenaphthene            | 14.211 | 153  | 12250    | 0.551  | ng/ul  | 97       |
| 12) Fluorene                | 15.205 | 166  | 14883    | 0.541  | ng/ul  | 96       |
| 14) Pentachlorophenol       | 16.554 | 266  | 254      | 0.030  | ng/ul  | 95       |
| 15) Phenanthrene            | 16.943 | 178  | 331235   | 7.051  | ng/ul  | 98       |
| 16) Anthracene              | 17.036 | 178  | 61497    | 1.341  | ng/ul  | 98       |
| 19) Fluoranthene            | 18.969 | 202  | 680858   | 14.772 | ng/ul  | 99       |
| 20) Pyrene                  | 19.332 | 202  | 459739   | 9.213  | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.090 | 228  | 283600   | 5.713  | ng/ul  | 98       |
| 22) Chrysene                | 21.140 | 228  | 290923   | 6.057  | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 22.612 | 252  | 400398m  | 7.881  | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.650 | 252  | 125887m  | 2.524  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.150 | 252  | 133396m  | 3.190  | ng/ul  |          |
| 27) Indeno(1,2,3-cd)pyrene  | 25.363 | 276  | 132919   | 2.089  | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.376 | 278  | 45846    | 0.910  | ng/ul# | 98       |
| 29) Benzo(g,h,i)perylene    | 26.007 | 276  | 30201    | 0.595  | ng/ul# | 97       |
| -----                       |        |      |          |        |        |          |

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

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ALS Vial : 38 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4CY3

## Manual IntegrationsAPPROVED

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