

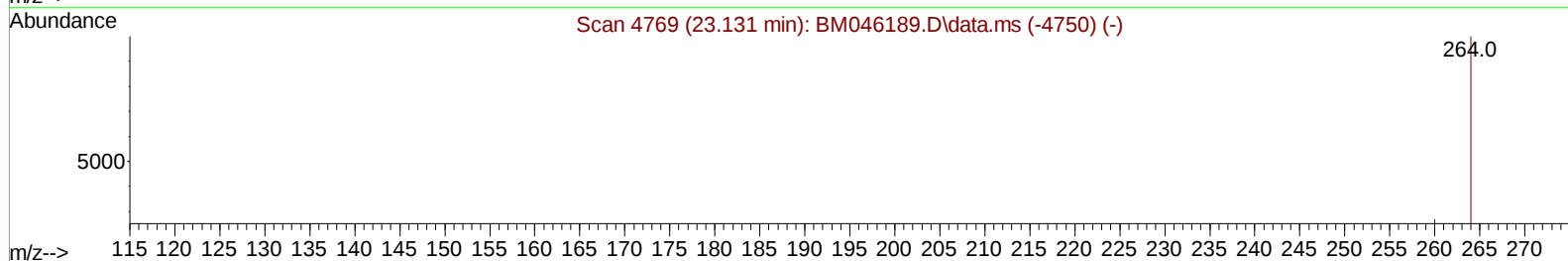
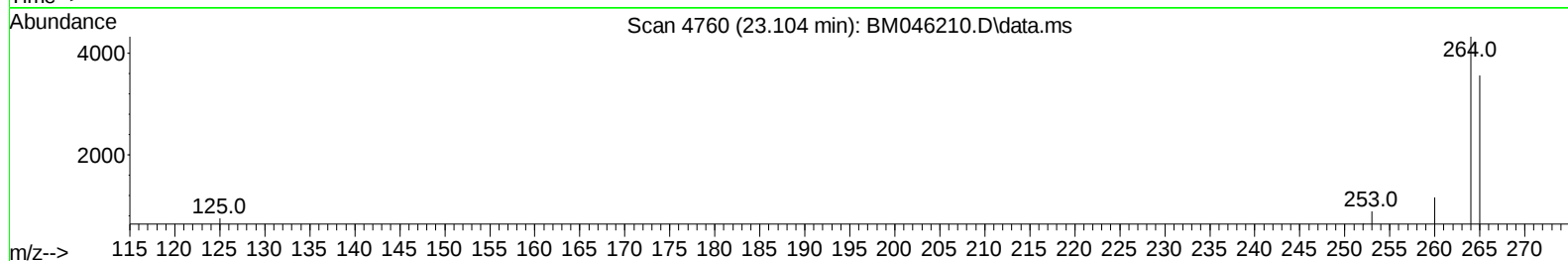
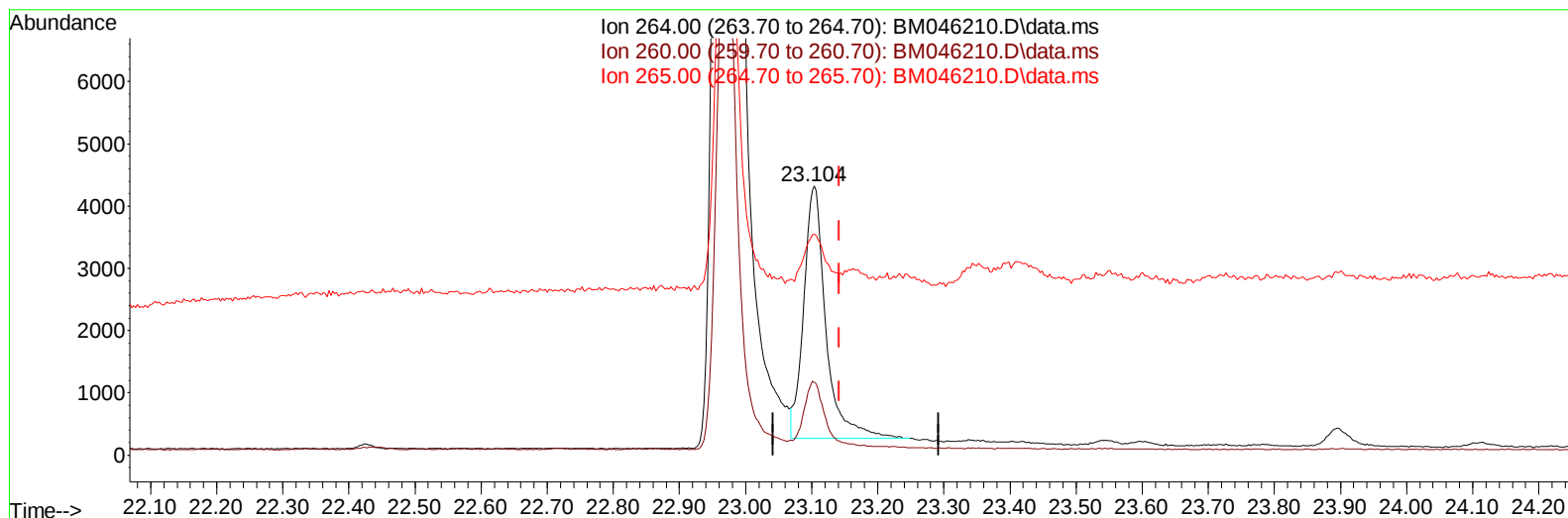
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062224\  
Data File : BM046210.D  
Acq On : 22 Jun 2024 23:11  
Operator : MA/JU  
Sample : P2754-10DL 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BP9DL

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:08:57 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM061824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jun 22 02:10:56 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024  
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046210.D\data.ms

(23) Perylene-d12 (I)

23.104min (-0.039) 0.40 ng/u1

response 9373

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 28.20  | 27.04  |
| 265.00 | 110.60 | 82.25# |
| 0.00   | 0.00   | 0.00   |

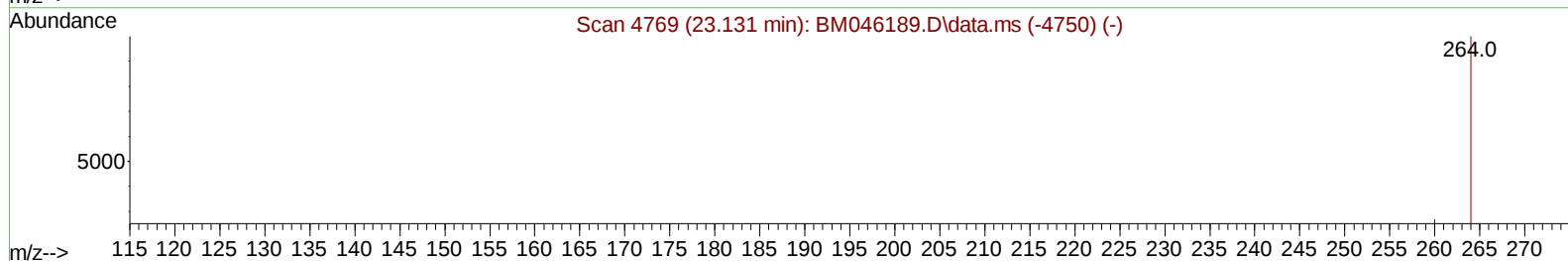
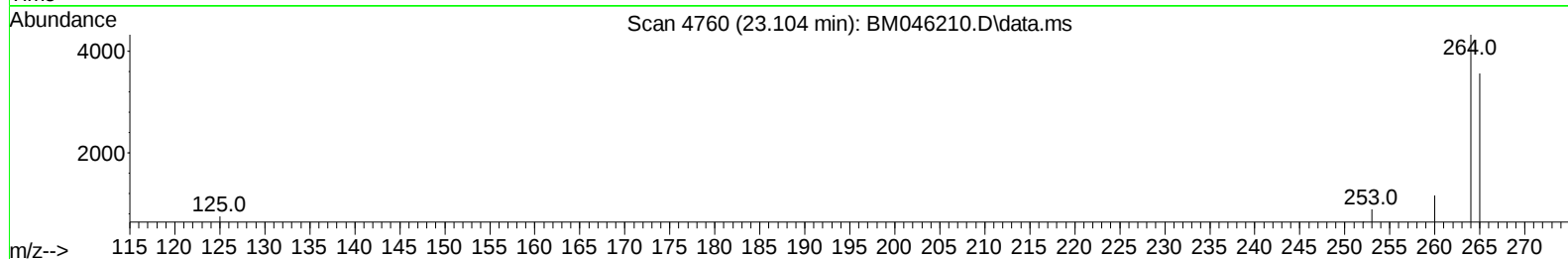
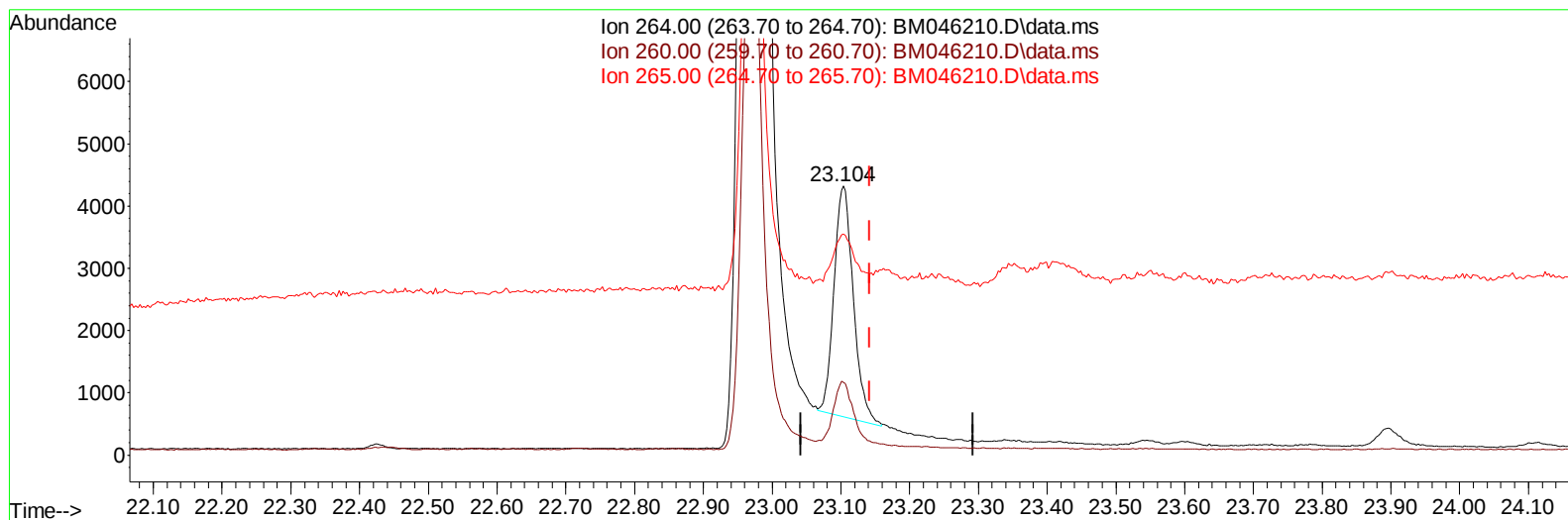
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062224\  
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Manual IntegrationsAPPROVED

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TIC: BM046210.D\data.ms

(23) Perylene-d12 (I)

23.104min (-0.039) 0.40 ng/ul m

response 7219

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 28.20  | 27.04  |
| 265.00 | 110.60 | 82.25# |
| 0.00   | 0.00   | 0.00   |

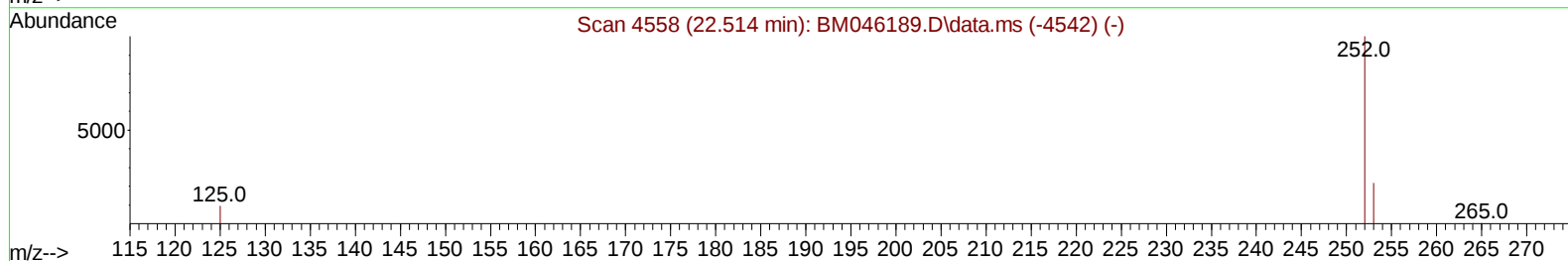
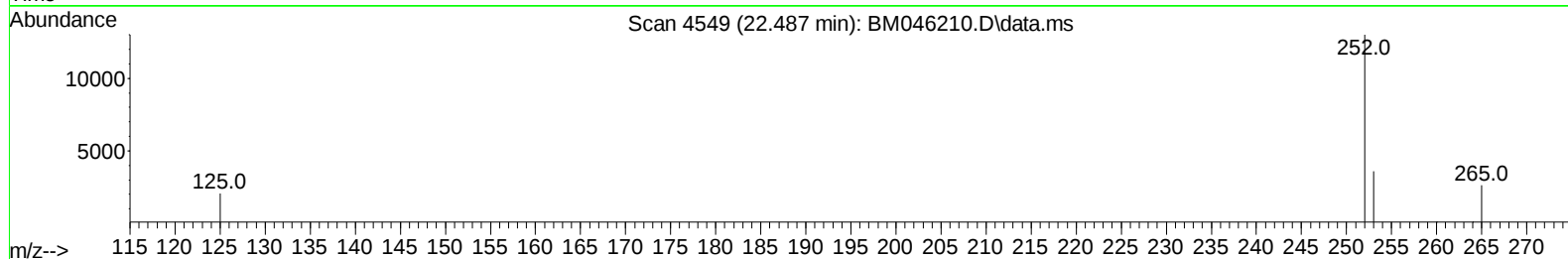
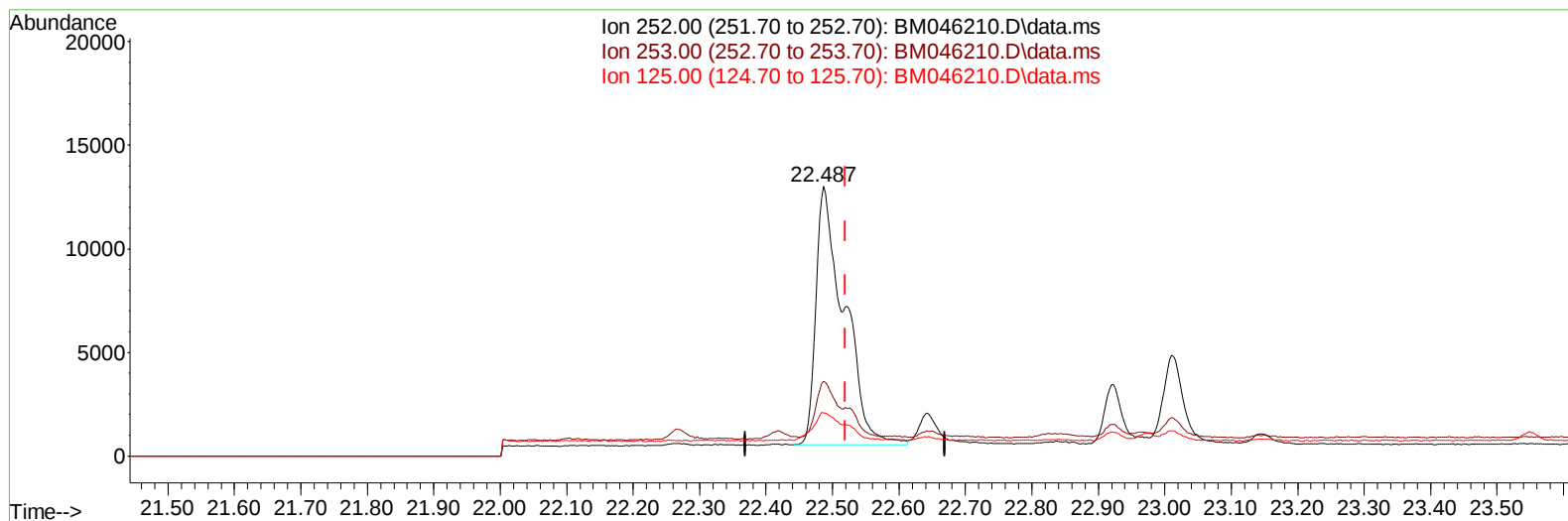
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062224\  
Data File : BM046210.D  
Acq On : 22 Jun 2024 23:11  
Operator : MA/JU  
Sample : P2754-10DL 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BP9DL

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:08:57 2024  
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TIC: BM046210.D\data.ms

(24) Benzo(b)fluoranthene

22.487min (-0.033) 1.42 ng/u1

response 36882

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 32.90  | 27.77  |
| 125.00 | 20.10  | 15.99  |
| 0.00   | 0.00   | 0.00   |

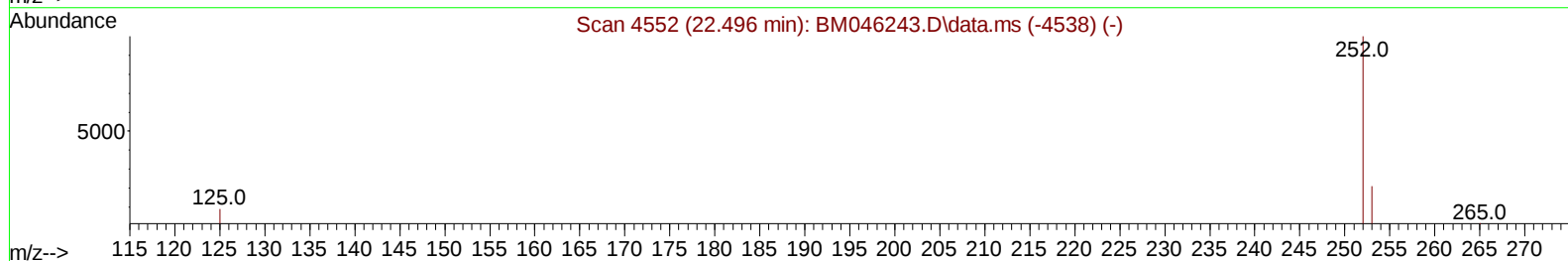
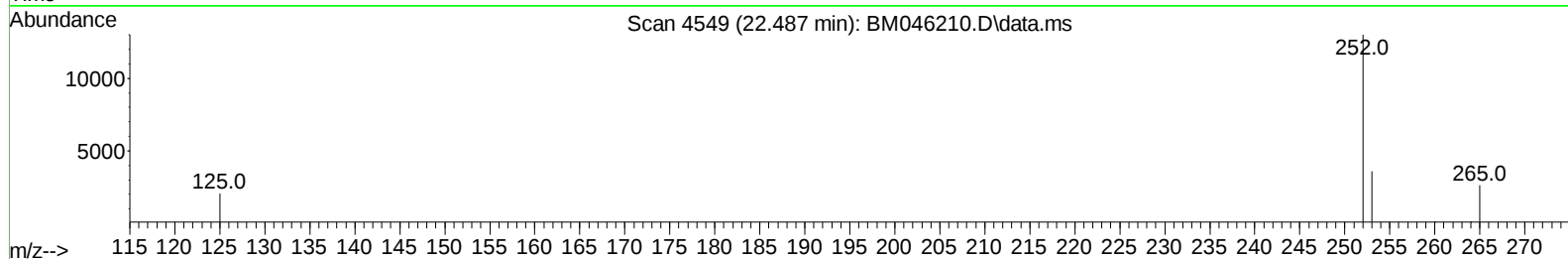
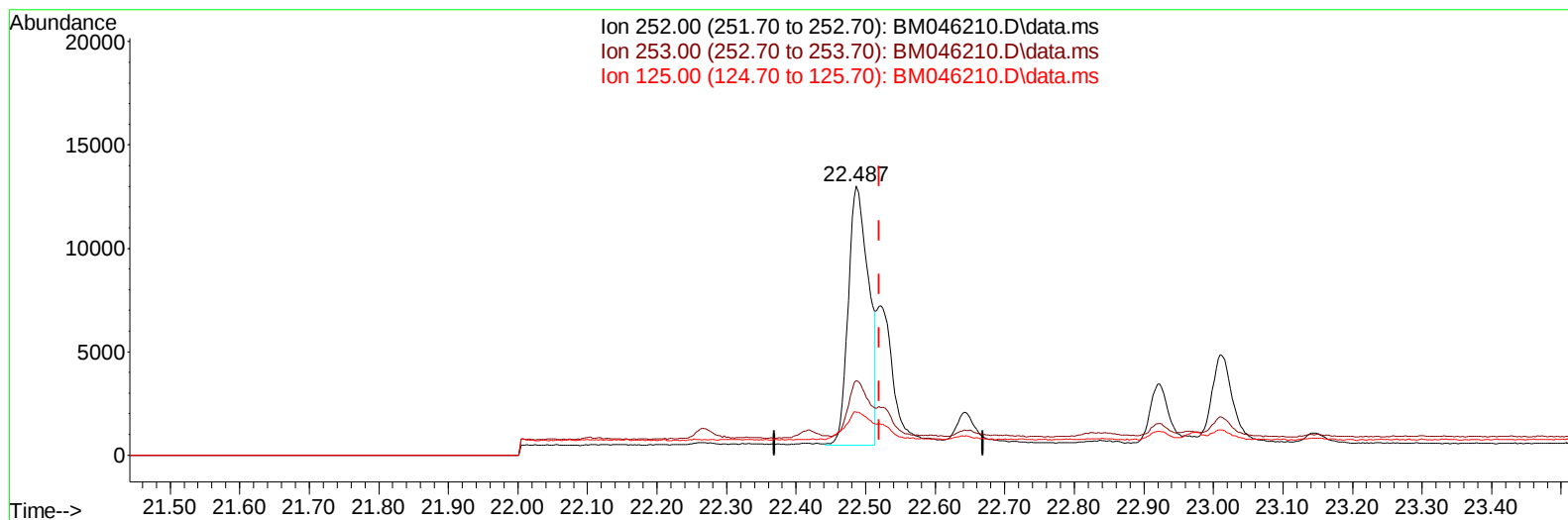
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062224\  
Data File : BM046210.D  
Acq On : 22 Jun 2024 23:11  
Operator : MA/JU  
Sample : P2754-10DL 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BP9DL

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:08:57 2024  
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TIC: BM046210.D\data.ms

(24) Benzo(b)fluoranthene

22.487min (-0.033) 0.98 ng/u1 m

response 25568

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 32.90  | 27.77  |
| 125.00 | 20.10  | 15.99  |
| 0.00   | 0.00   | 0.00   |

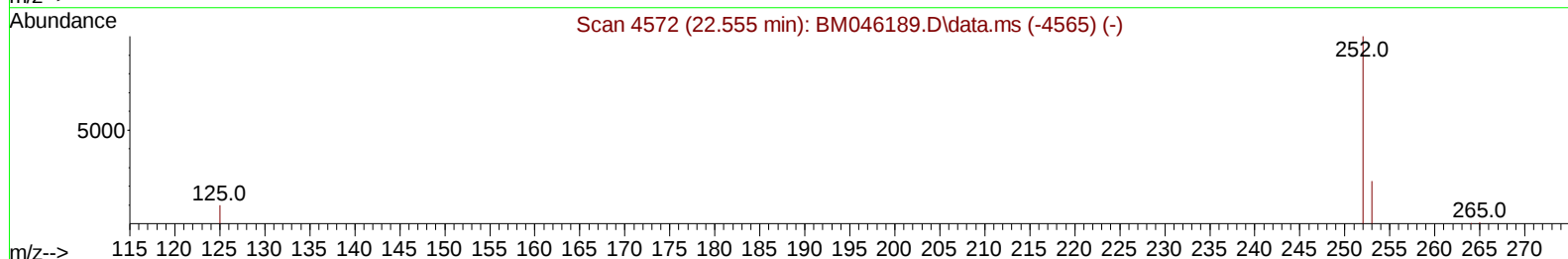
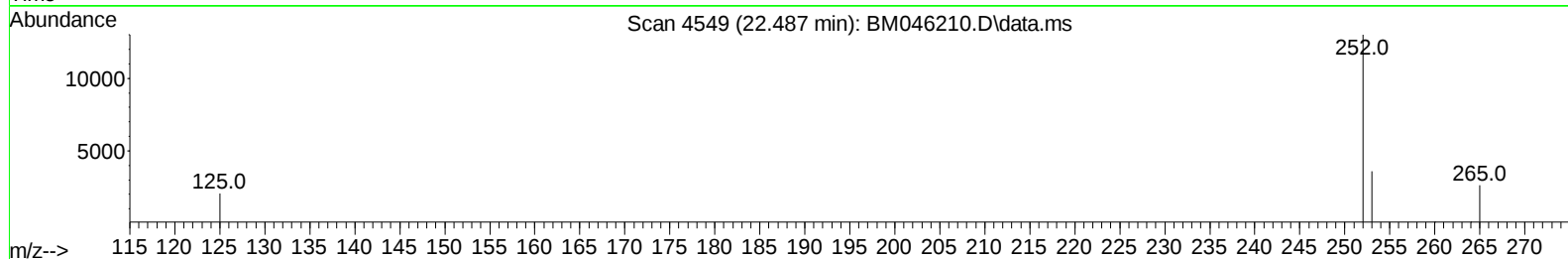
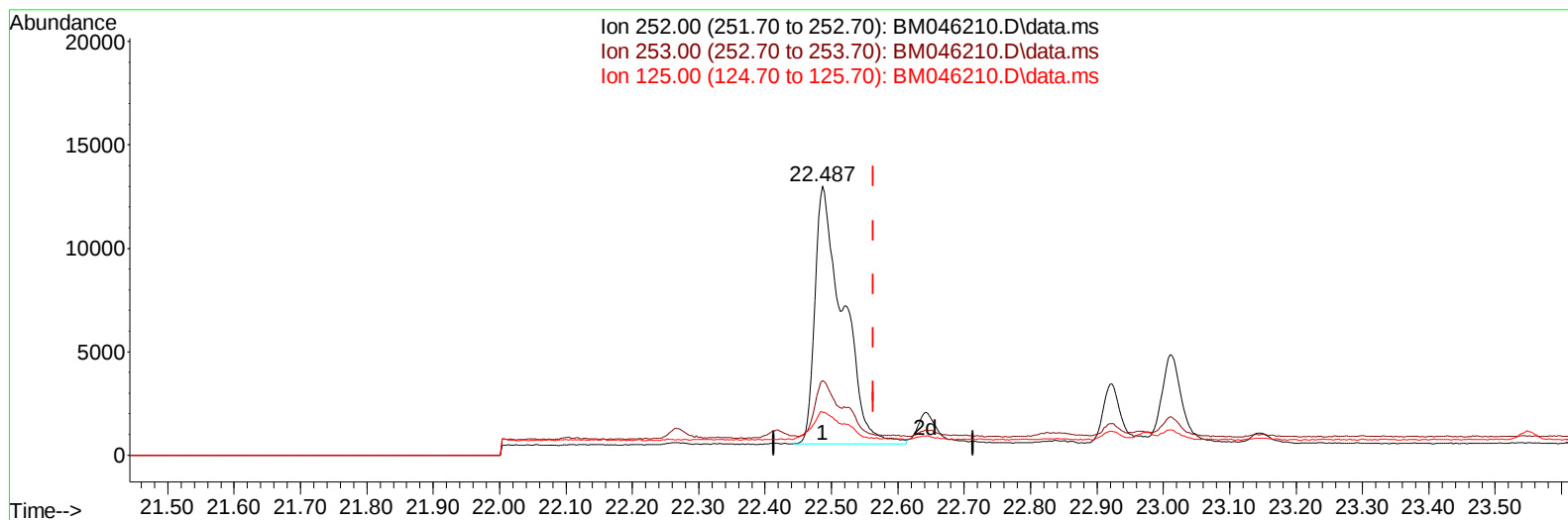
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062224\  
Data File : BM046210.D  
Acq On : 22 Jun 2024 23:11  
Operator : MA/JU  
Sample : P2754-10DL 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BP9DL

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:08:57 2024  
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TIC: BM046210.D\data.ms

(25) Benzo(k)fluoranthene

22.487min (-0.077) 1.19 ng/u1

response 36882

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 34.00  | 27.77  |
| 125.00 | 20.80  | 15.99# |
| 0.00   | 0.00   | 0.00   |

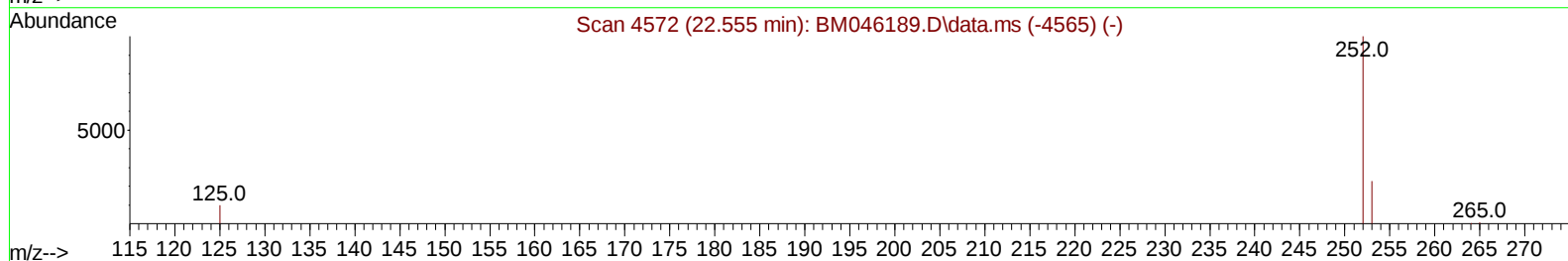
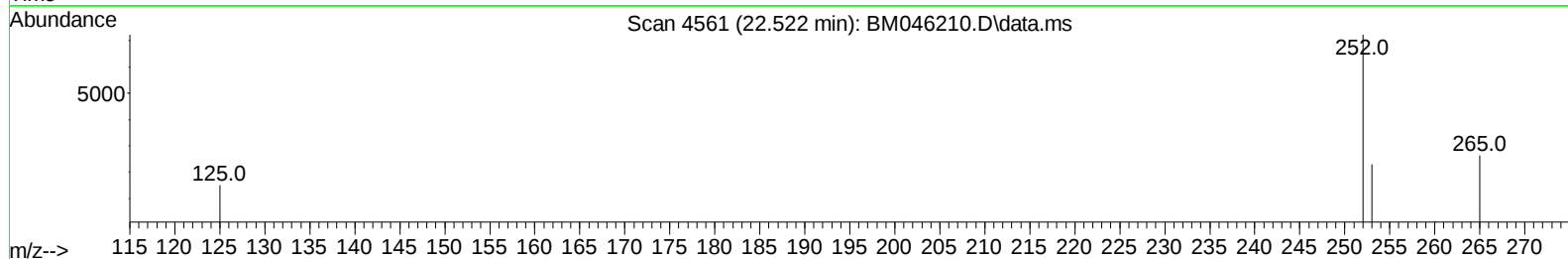
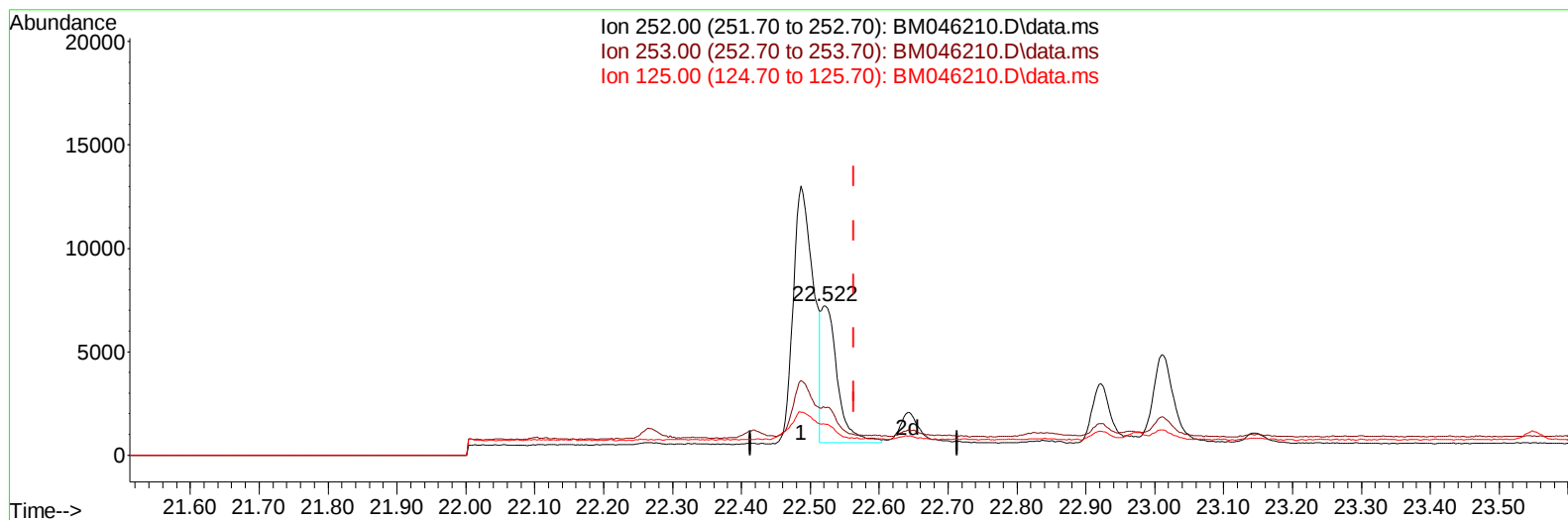
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062224\  
Data File : BM046210.D  
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Operator : MA/JU  
Sample : P2754-10DL 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BP9DL

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:08:57 2024  
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QLast Update : Sat Jun 22 02:10:56 2024  
Response via : Initial Calibration

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TIC: BM046210.D\data.ms

(25) Benzo(k)fluoranthene

22.522min (-0.041) 0.36 ng/u1 m

response 10978

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 34.00  | 31.80  |
| 125.00 | 20.80  | 20.76  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062224\  
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 Sample : P2754-10DL 5X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4BP9DL

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:08:57 2024  
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 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024  
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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.421  | 152  | 2274     | 0.400 | ng/ul  | -0.04    |
| 4) Naphthalene-d8           | 10.216 | 136  | 6559     | 0.400 | ng/ul  | -0.04    |
| 9) Acenaphthene-d10         | 14.072 | 164  | 3886     | 0.400 | ng/ul  | -0.04    |
| 13) Phenanthrene-d10        | 16.816 | 188  | 7580     | 0.400 | ng/ul  | -0.05    |
| 17) Chrysene-d12            | 21.014 | 240  | 6391     | 0.400 | ng/ul  | -0.03    |
| 23) Perylene-d12            | 23.104 | 264  | 7219m    | 0.400 | ng/ul  | -0.04    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.029  | 96   | 3007     | 0.964 | ng/ul  | -0.02    |
| 6) 2-Methylnaphthalene-d10  | 11.849 | 152  | 584      | 0.066 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 18.849 | 212  | 1429     | 0.075 | ng/ul  | -0.04    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.265 | 128  | 549      | 0.030 | ng/ul# | 46       |
| 10) Acenaphthylene          | 13.794 | 152  | 1129     | 0.061 | ng/ul# | 75       |
| 11) Acenaphthene            | 14.136 | 153  | 740      | 0.056 | ng/ul  | 96       |
| 12) Fluorene                | 15.131 | 166  | 845      | 0.059 | ng/ul# | 92       |
| 15) Phenanthrene            | 16.858 | 178  | 16157    | 0.759 | ng/ul  | 97       |
| 16) Anthracene              | 16.951 | 178  | 3297     | 0.208 | ng/ul# | 92       |
| 19) Fluoranthene            | 18.877 | 202  | 36680    | 1.326 | ng/ul  | 97       |
| 20) Pyrene                  | 19.239 | 202  | 26664    | 0.891 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.000 | 228  | 15917    | 0.645 | ng/ul  | 98       |
| 22) Chrysene                | 21.049 | 228  | 16604    | 0.527 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.487 | 252  | 25568m   | 0.983 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.522 | 252  | 10978m   | 0.355 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.010 | 252  | 8782     | 0.364 | ng/ul  | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.155 | 276  | 9556     | 0.242 | ng/ul# | 90       |
| 28) Dibenzo(a,h)anthracene  | 25.155 | 278  | 2915     | 0.099 | ng/ul# | 72       |
| 29) Benzo(g,h,i)perylene    | 25.775 | 276  | 1341     | 0.040 | ng/ul# | 52       |
| -----                       |        |      |          |       |        |          |

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

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