

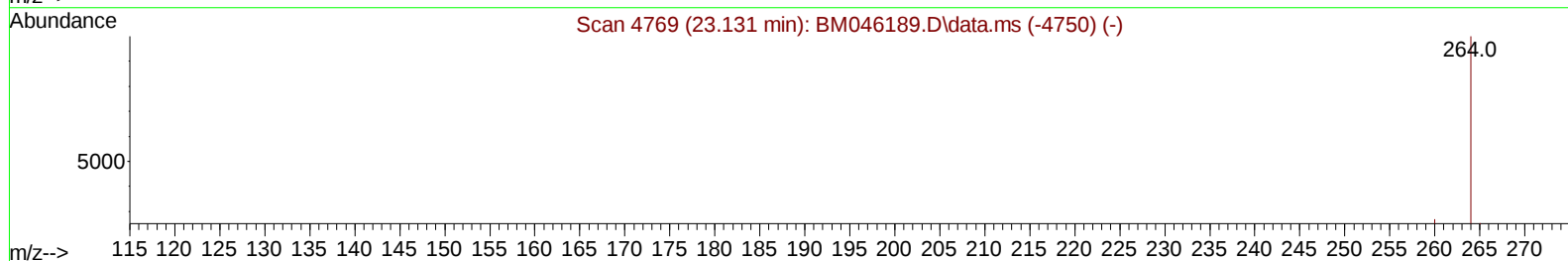
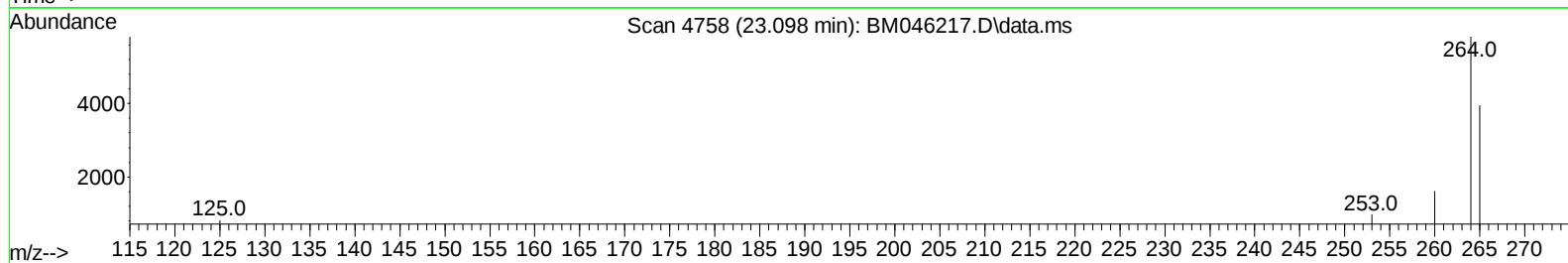
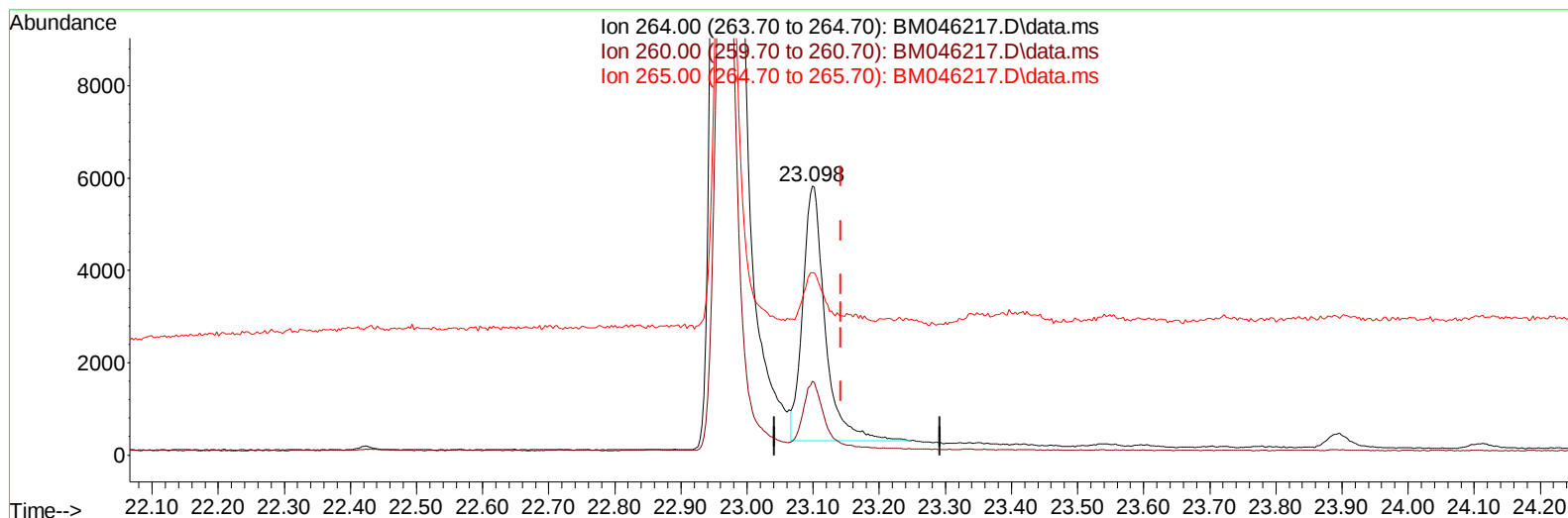
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062224\  
Data File : BM046217.D  
Acq On : 23 Jun 2024 03:30  
Operator : MA/JU  
Sample : P2775-14DL 5X  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4C96DL

Manual IntegrationsAPPROVED

Quant Time: Jun 23 04:01:33 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 : Sun Jun 23 01:31:42 2024  
Response via : Initial Calibration

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



TIC: BM046217.D\data.ms

(23) Perylene-d12 (I)

23.098min (-0.044) 0.40 ng/u1

response 12897

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 28.20  | 27.60  |
| 265.00 | 110.60 | 67.89# |
| 0.00   | 0.00   | 0.00   |

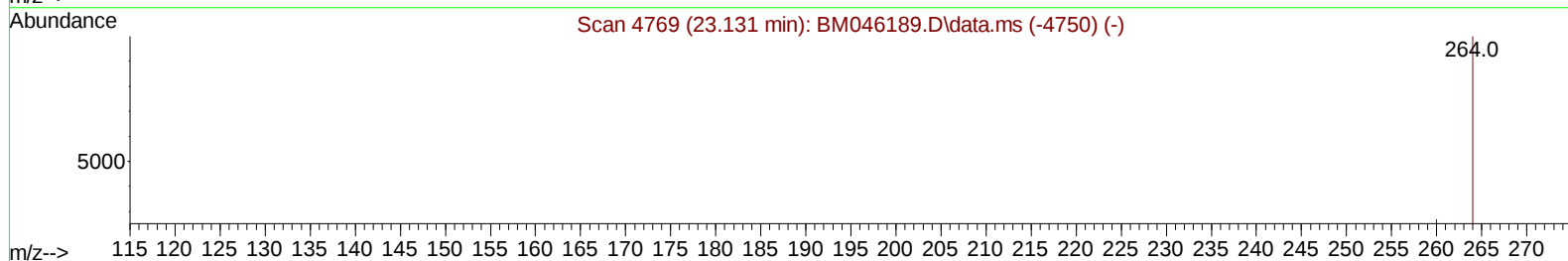
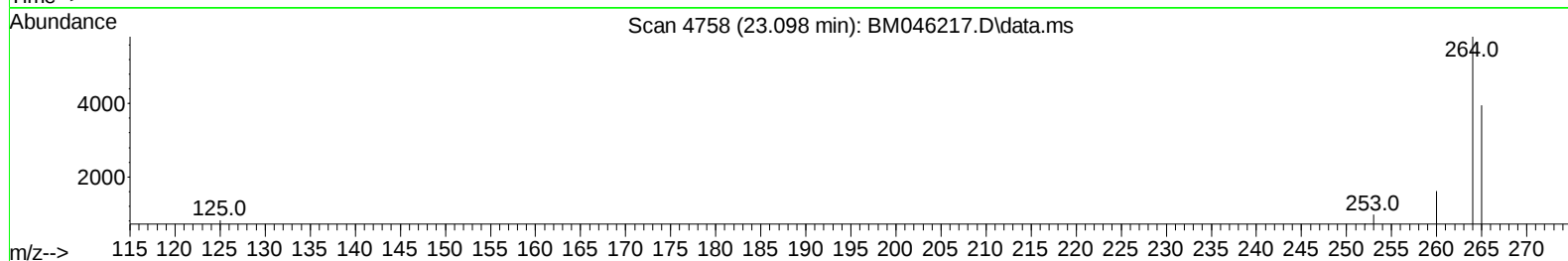
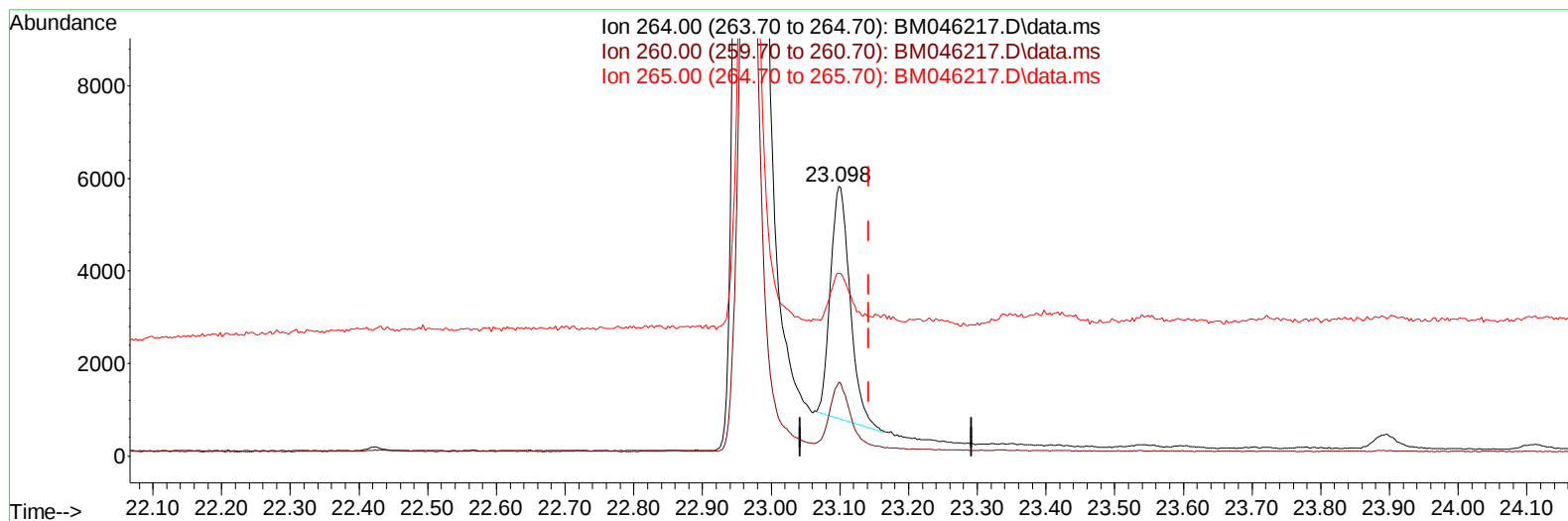
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062224\  
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Manual IntegrationsAPPROVED

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TIC: BM046217.D\data.ms

(23) Perylene-d12 (I)

23.098min (-0.044) 0.40 ng/ul m

response 9989

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 28.20  | 27.60  |
| 265.00 | 110.60 | 67.89# |
| 0.00   | 0.00   | 0.00   |

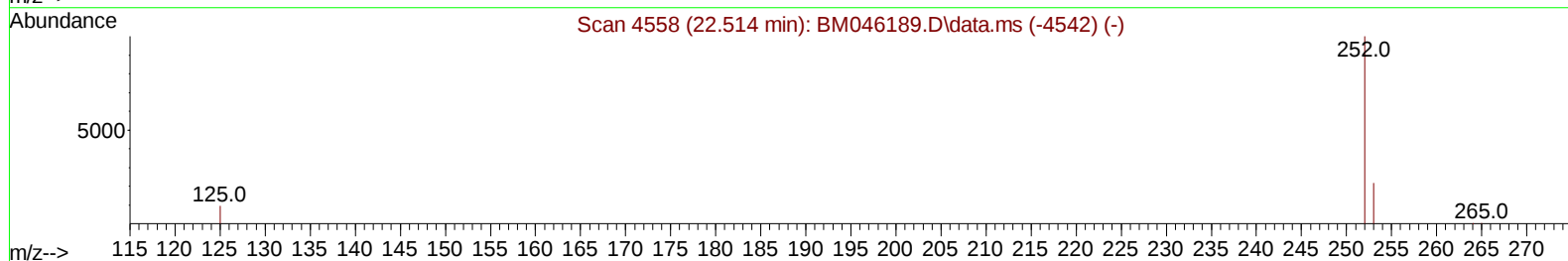
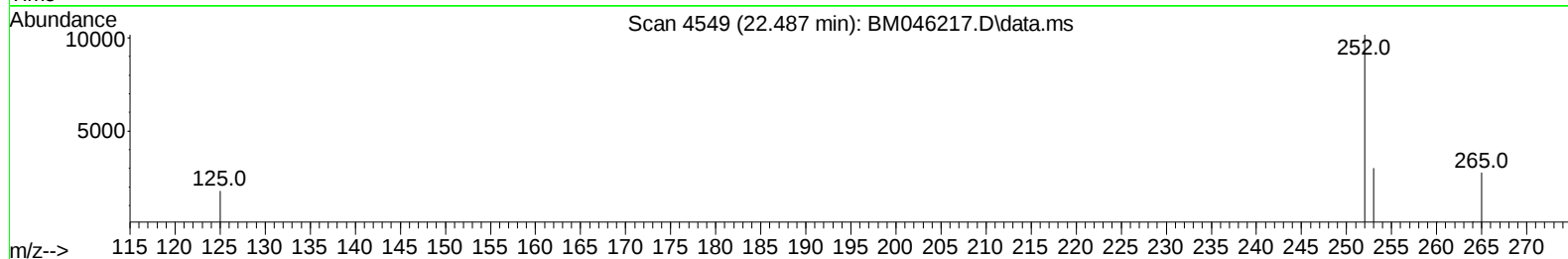
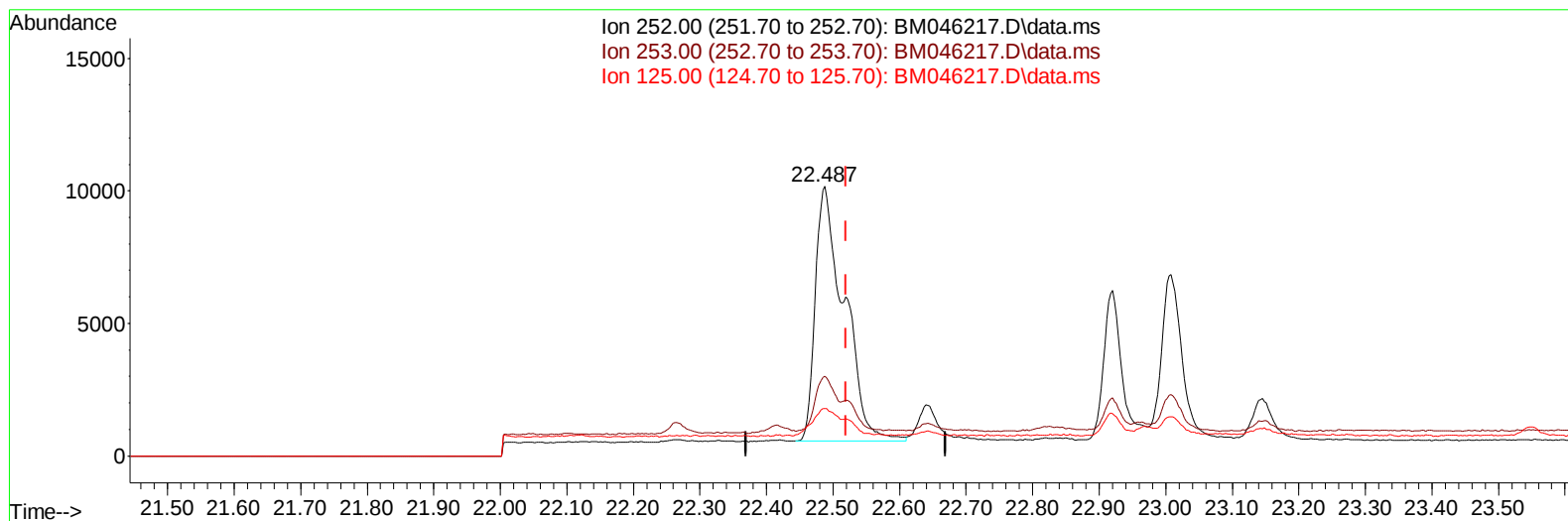
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062224\  
Data File : BM046217.D  
Acq On : 23 Jun 2024 03:30  
Operator : MA/JU  
Sample : P2775-14DL 5X  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4C96DL

Manual IntegrationsAPPROVED

Quant Time: Jun 23 04:01:33 2024  
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TIC: BM046217.D\data.ms

(24) Benzo(b)fluoranthene

22.487min (-0.032) 0.80 ng/u1

response 28774

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 32.90  | 29.61  |
| 125.00 | 20.10  | 17.62  |
| 0.00   | 0.00   | 0.00   |

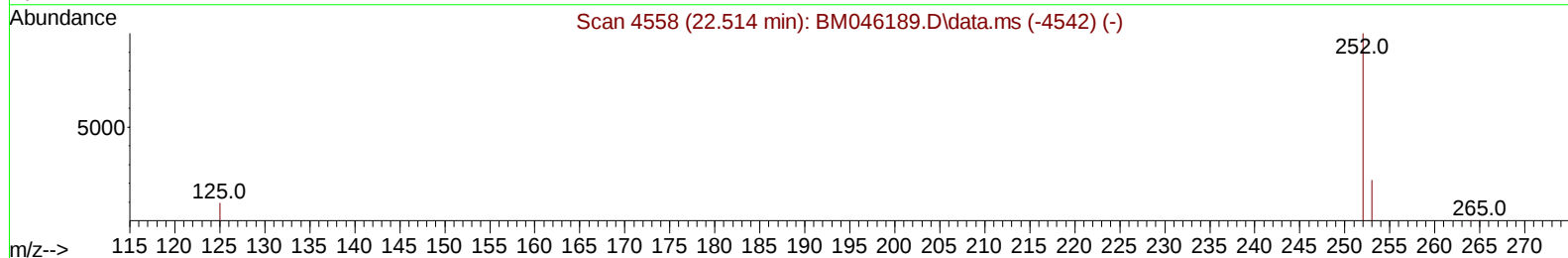
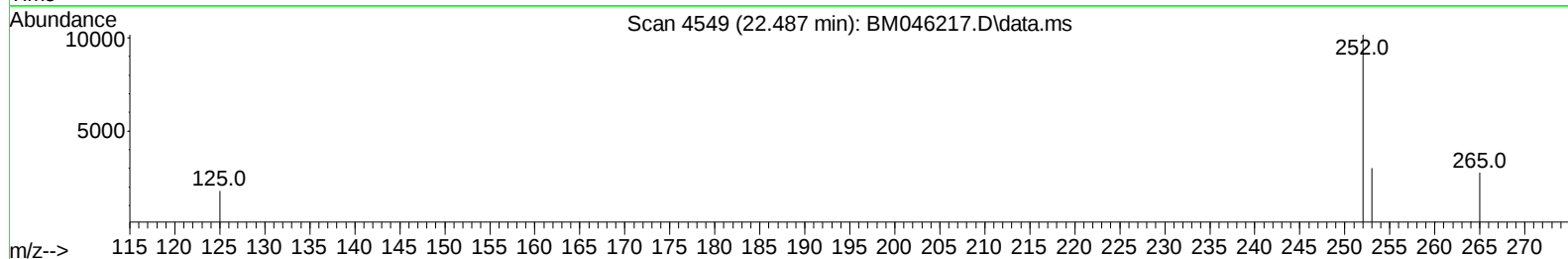
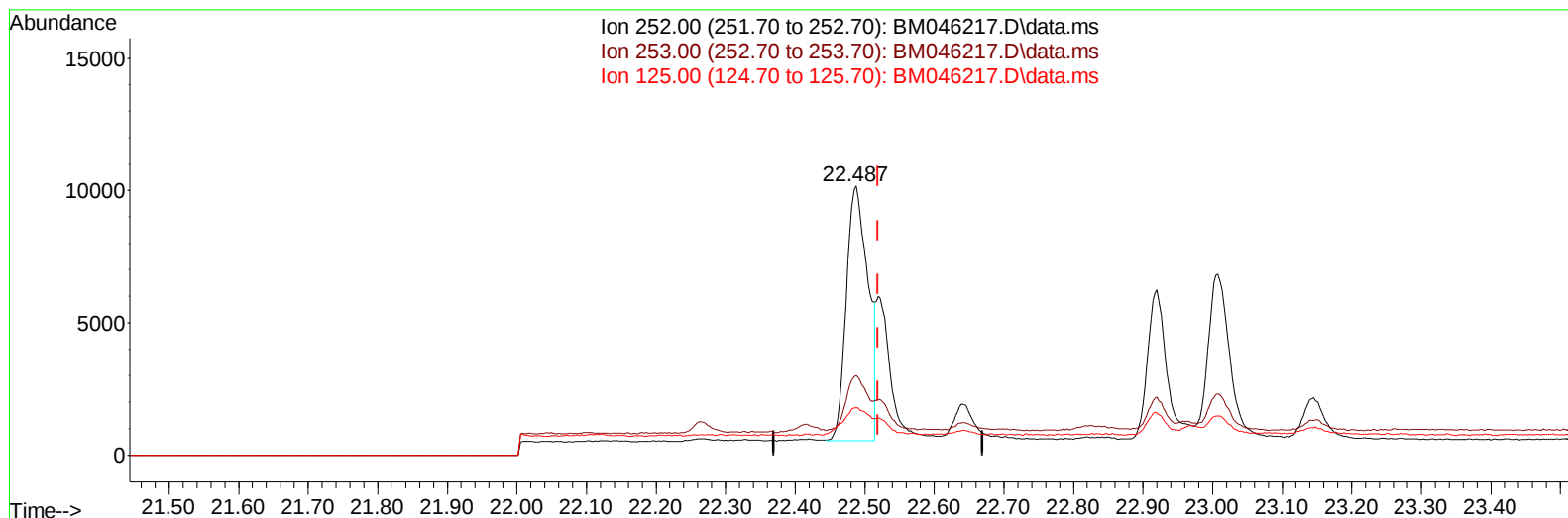
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062224\  
Data File : BM046217.D  
Acq On : 23 Jun 2024 03:30  
Operator : MA/JU  
Sample : P2775-14DL 5X  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4C96DL

## Manual IntegrationsAPPROVED

Quant Time: Jun 23 04:01:33 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 : Sun Jun 23 01:31:42 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024  
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TIC: BM046217.D\data.ms

## (24) Benzo(b)fluoranthene

22.487min (-0.032) 0.58 ng/u1 m

response 20792

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 32.90  | 29.61  |
| 125.00 | 20.10  | 17.62  |
| 0.00   | 0.00   | 0.00   |

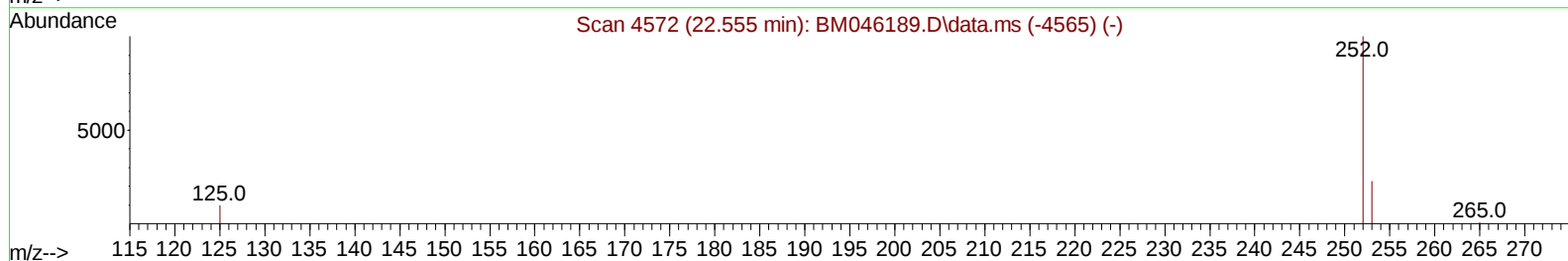
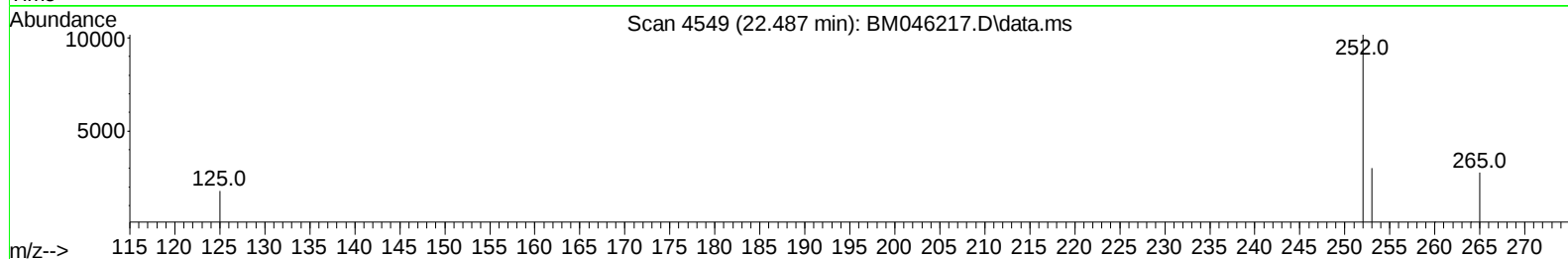
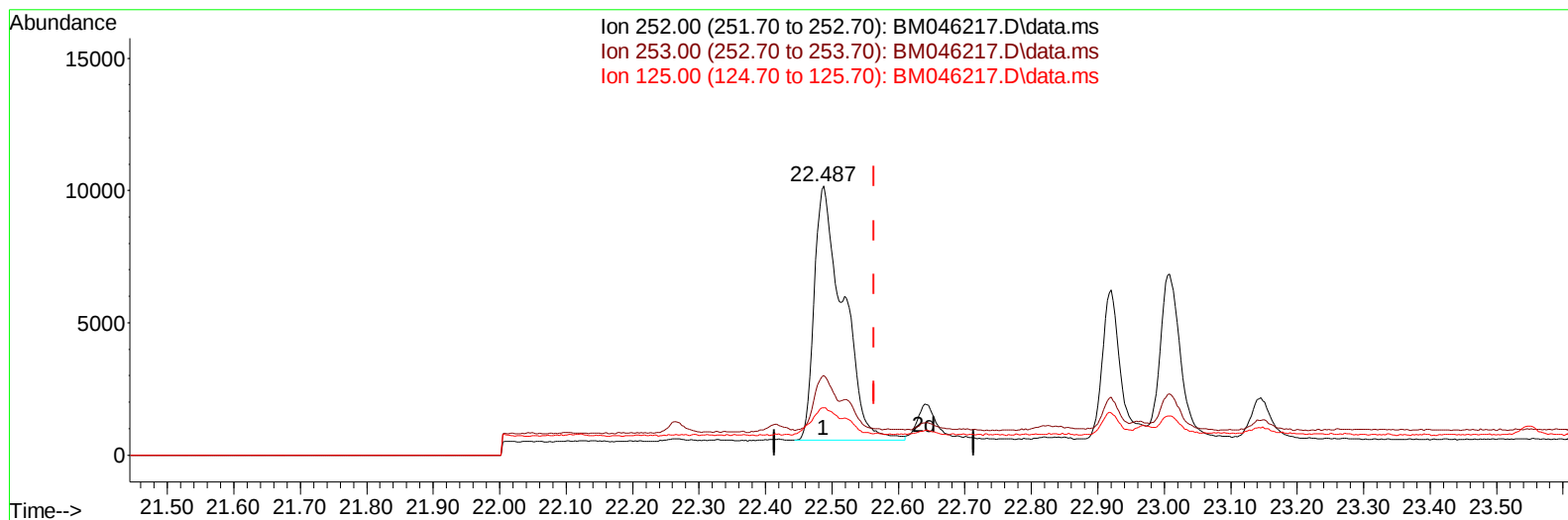
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062224\  
Data File : BM046217.D  
Acq On : 23 Jun 2024 03:30  
Operator : MA/JU  
Sample : P2775-14DL 5X  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4C96DL

Manual IntegrationsAPPROVED

Quant Time: Jun 23 04:01:33 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 : Sun Jun 23 01:31:42 2024  
Response via : Initial Calibration

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



TIC: BM046217.D\data.ms

(25) Benzo(k)fluoranthene

22.487min (-0.076) 0.67 ng/u1

response 28774

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 34.00  | 29.61  |
| 125.00 | 20.80  | 17.62  |
| 0.00   | 0.00   | 0.00   |

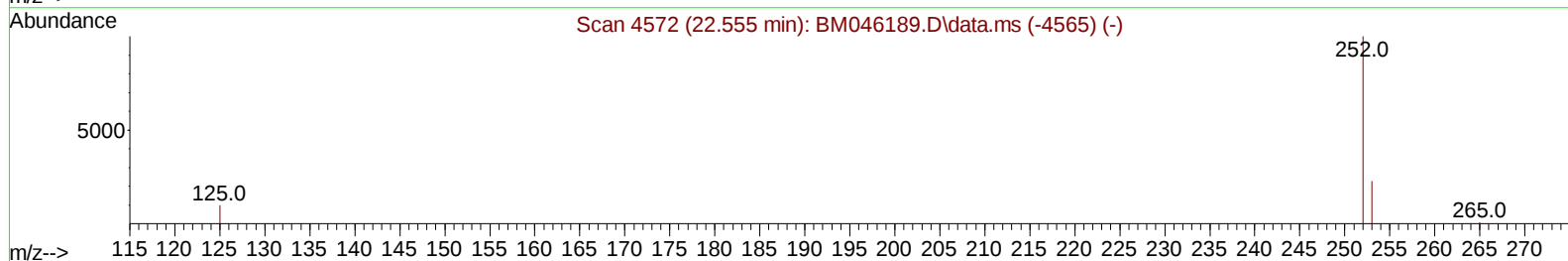
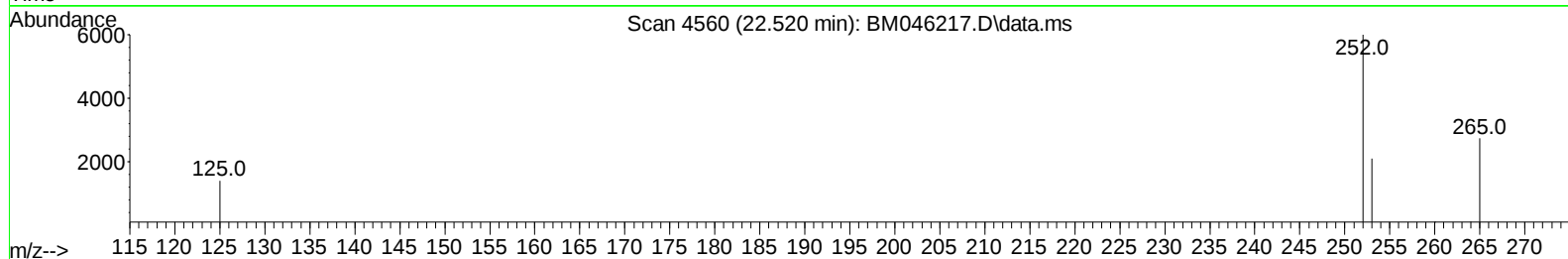
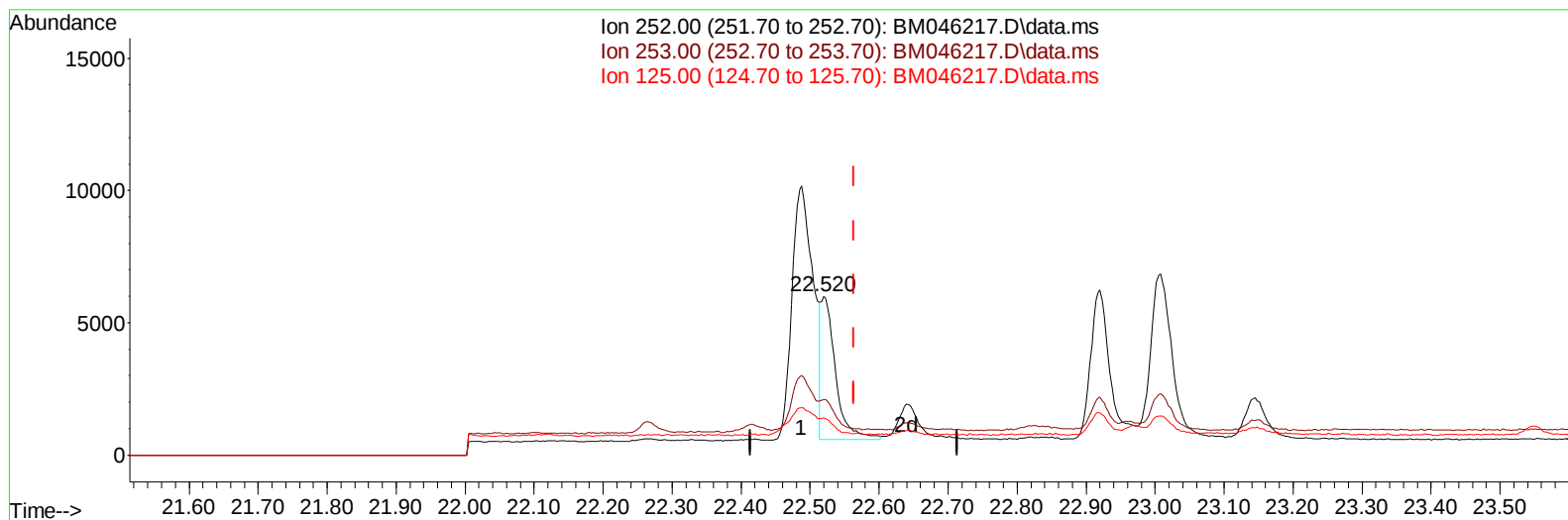
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062224\  
Data File : BM046217.D  
Acq On : 23 Jun 2024 03:30  
Operator : MA/JU  
Sample : P2775-14DL 5X  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4C96DL

Manual IntegrationsAPPROVED

Quant Time: Jun 23 04:01:33 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 : Sun Jun 23 01:31:42 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024  
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TIC: BM046217.D\data.ms

(25) Benzo(k)fluoranthene

22.520min (-0.044) 0.19 ng/u1 m

response 7916

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 34.00  | 34.89  |
| 125.00 | 20.80  | 23.34  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062224\  
 Data File : BM046217.D  
 Acq On : 23 Jun 2024 03:30  
 Operator : MA/JU  
 Sample : P2775-14DL 5X  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4C96DL

## Manual IntegrationsAPPROVED

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

Quant Time: Jun 23 04:01:33 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 : Sun Jun 23 01:31:42 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.413  | 152 |     | 3092     | 0.400 | ng/ul  | -0.05    |
| 4) Naphthalene-d8           | 10.204 | 136 |     | 9599     | 0.400 | ng/ul  | -0.05    |
| 9) Acenaphthene-d10         | 14.066 | 164 |     | 5553     | 0.400 | ng/ul  | -0.05    |
| 13) Phenanthrene-d10        | 16.815 | 188 |     | 10869    | 0.400 | ng/ul  | -0.05    |
| 17) Chrysene-d12            | 21.015 | 240 |     | 8856     | 0.400 | ng/ul  | #-0.03   |
| 23) Perylene-d12            | 23.098 | 264 |     | 9989m    | 0.400 | ng/ul  | -0.04    |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.029  | 96  |     | 3378     | 0.796 | ng/ul  | -0.02    |
| 6) 2-Methylnaphthalene-d10  | 11.843 | 152 |     | 689      | 0.053 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 18.848 | 212 |     | 1534     | 0.058 | ng/ul  | -0.04    |
| Target Compounds            |        |     |     |          |       |        |          |
|                             |        |     |     |          |       | Qvalue |          |
| 10) Acenaphthylene          | 13.788 | 152 |     | 1798     | 0.068 | ng/ul# | 83       |
| 11) Acenaphthene            | 14.131 | 153 |     | 482      | 0.025 | ng/ul# | 92       |
| 12) Fluorene                | 15.130 | 166 |     | 650      | 0.032 | ng/ul# | 95       |
| 15) Phenanthrene            | 16.853 | 178 |     | 15491    | 0.507 | ng/ul  | 98       |
| 16) Anthracene              | 16.950 | 178 |     | 2596     | 0.114 | ng/ul# | 87       |
| 19) Fluoranthene            | 18.875 | 202 |     | 32350    | 0.844 | ng/ul  | 97       |
| 20) Pyrene                  | 19.233 | 202 |     | 28884    | 0.697 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 20.997 | 228 |     | 12727    | 0.372 | ng/ul  | 96       |
| 22) Chrysene                | 21.050 | 228 |     | 13449    | 0.308 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 22.487 | 252 |     | 20792m   | 0.578 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.520 | 252 |     | 7916m    | 0.185 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.008 | 252 |     | 12980    | 0.389 | ng/ul  | 90       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.152 | 276 |     | 10973    | 0.201 | ng/ul# | 92       |
| 28) Dibenzo(a,h)anthracene  | 25.159 | 278 |     | 2286     | 0.056 | ng/ul# | 57       |
| 29) Benzo(g,h,i)perylene    | 25.773 | 276 |     | 11203    | 0.239 | ng/ul  | 98       |
| -----                       |        |     |     |          |       |        |          |

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

