

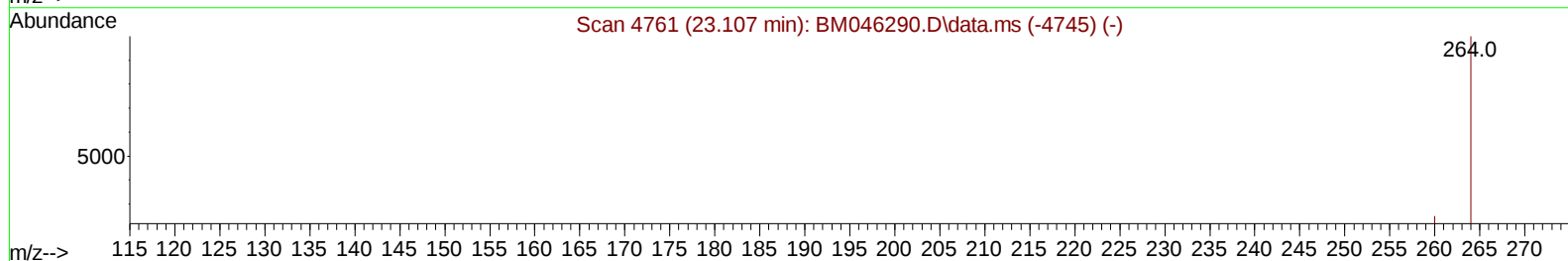
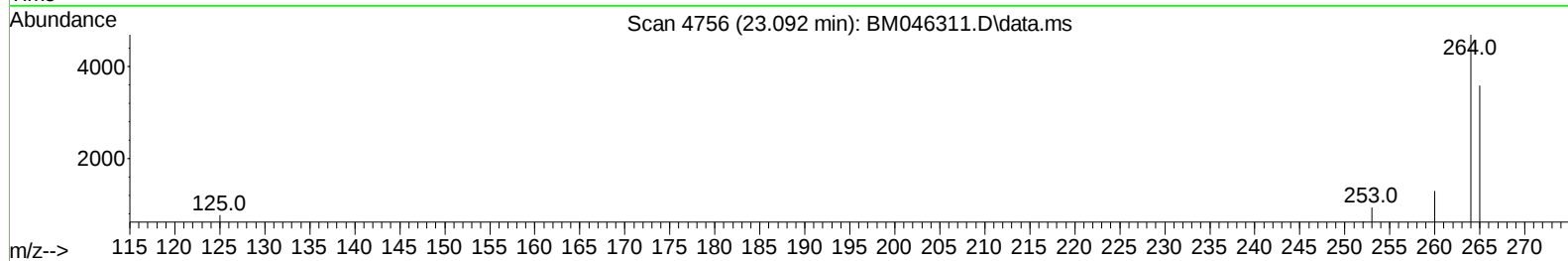
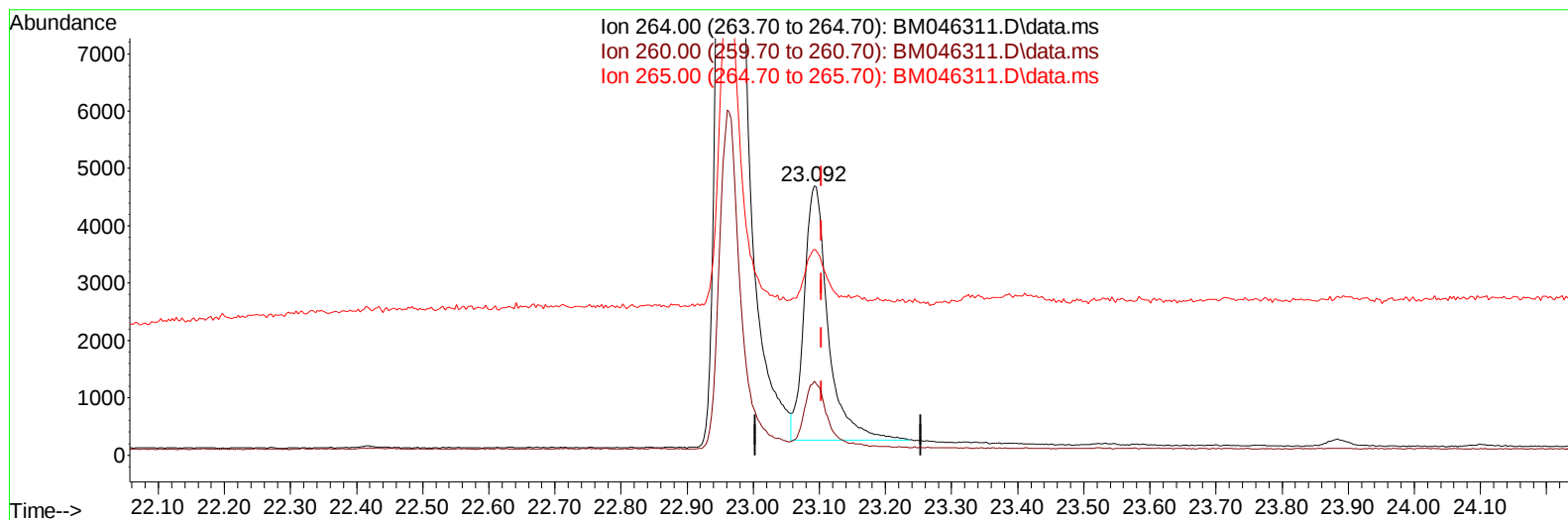
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062424\  
Data File : BM046311.D  
Acq On : 26 Jun 2024 03:38  
Operator : MA/JU  
Sample : P2844-07DL 5X  
Misc :  
ALS Vial : 72 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4C85DL

Manual IntegrationsAPPROVED

Quant Time: Jun 26 05:03:12 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 : Wed Jun 26 03:24:28 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024  
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046311.D\data.ms

(23) Perylene-d12 (I)

23.092min (-0.012) 0.40 ng/u1

response 11116

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 28.20  | 27.58  |
| 265.00 | 110.60 | 76.61# |
| 0.00   | 0.00   | 0.00   |

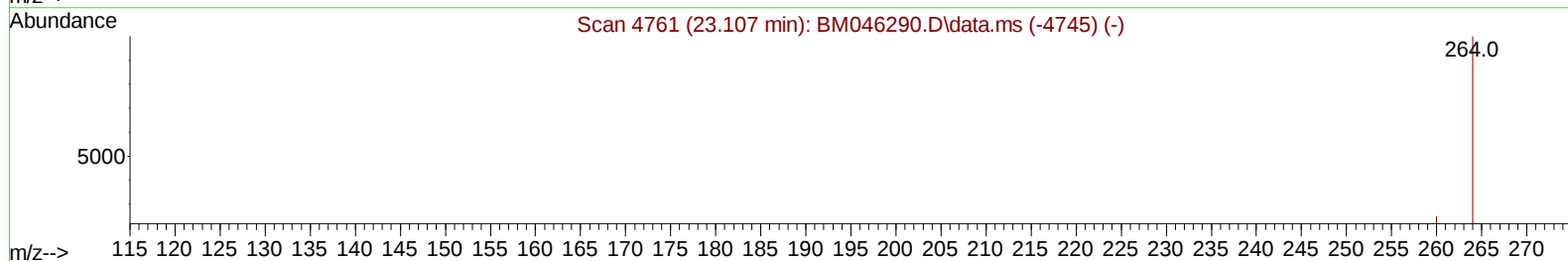
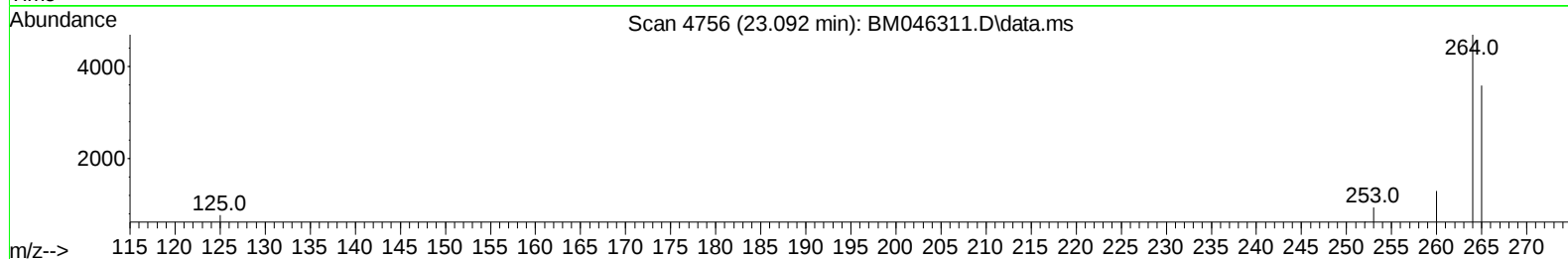
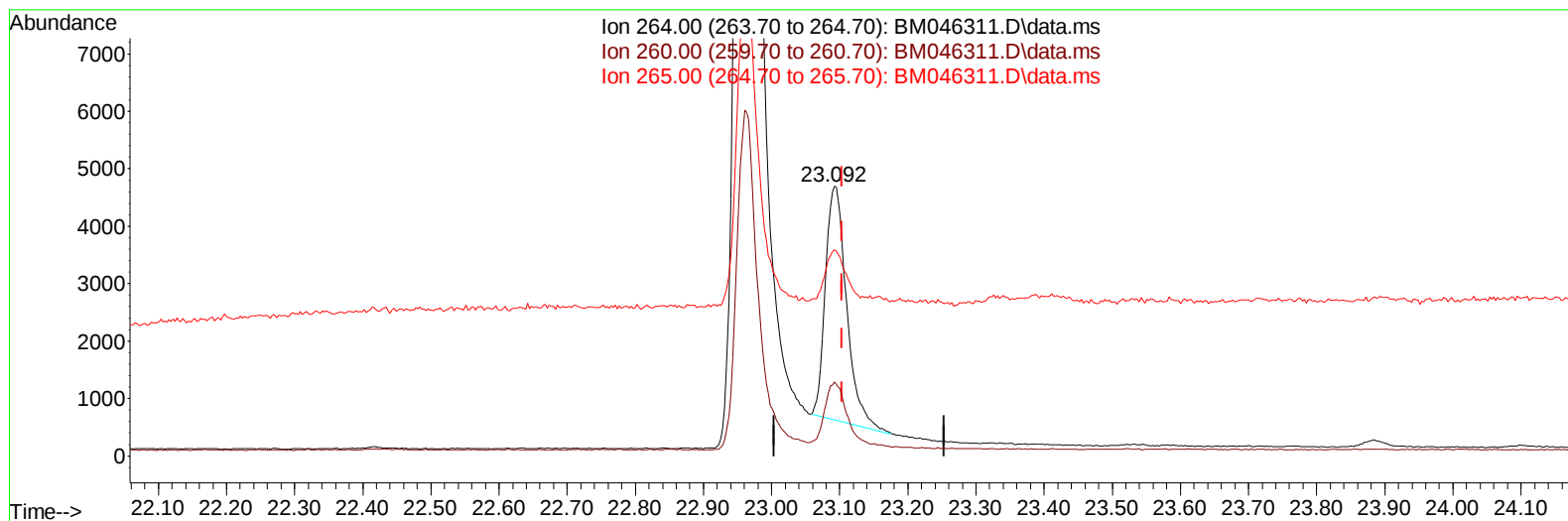
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062424\  
Data File : BM046311.D  
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ALS Vial : 72 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4C85DL

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TIC: BM046311.D\data.ms

(23) Perylene-d12 (I)

23.092min (-0.012) 0.40 ng/u1 m

response 8813

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 28.20  | 27.58  |
| 265.00 | 110.60 | 76.61# |
| 0.00   | 0.00   | 0.00   |

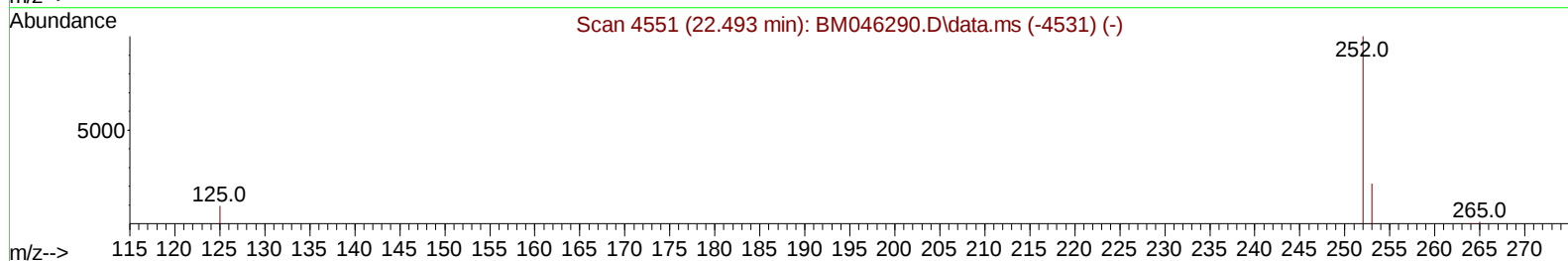
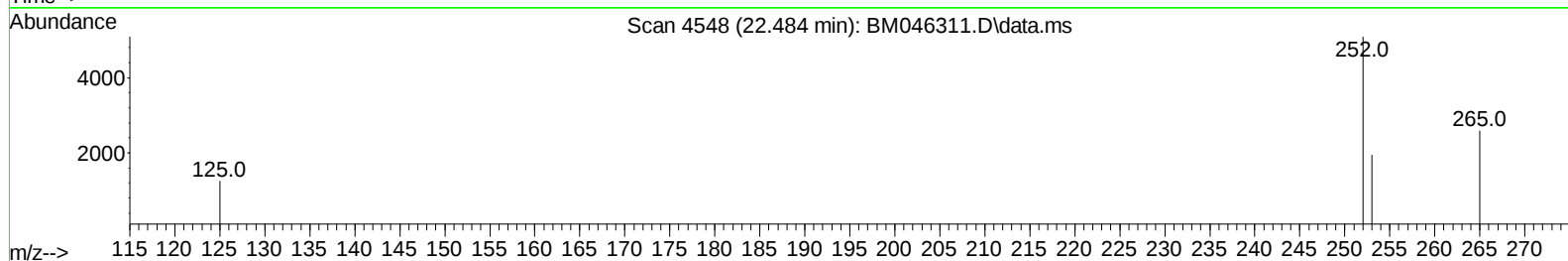
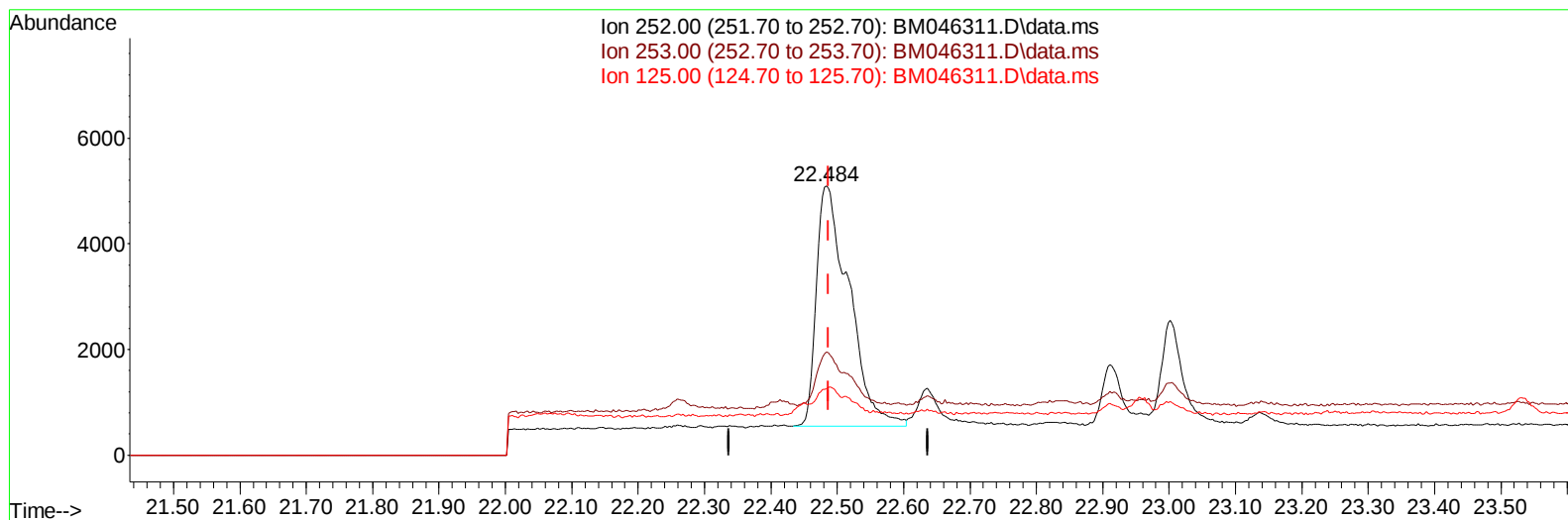
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062424\  
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Manual IntegrationsAPPROVED

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TIC: BM046311.D\data.ms

(24) Benzo(b)fluoranthene

22.484min (-0.003) 0.49 ng/u1

response 15552

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 32.90  | 38.43  |
| 125.00 | 20.10  | 24.68  |
| 0.00   | 0.00   | 0.00   |

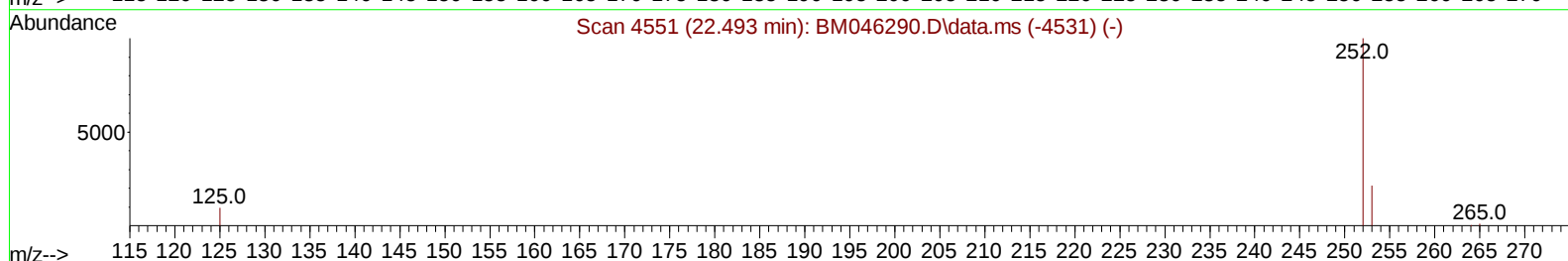
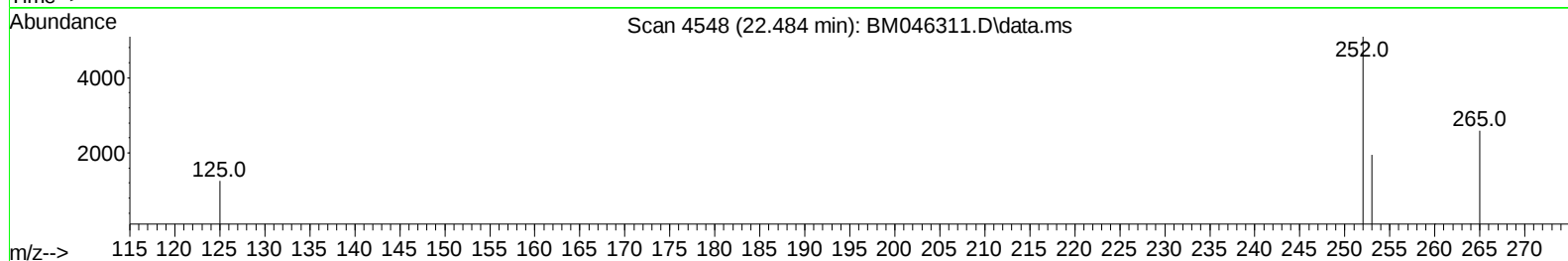
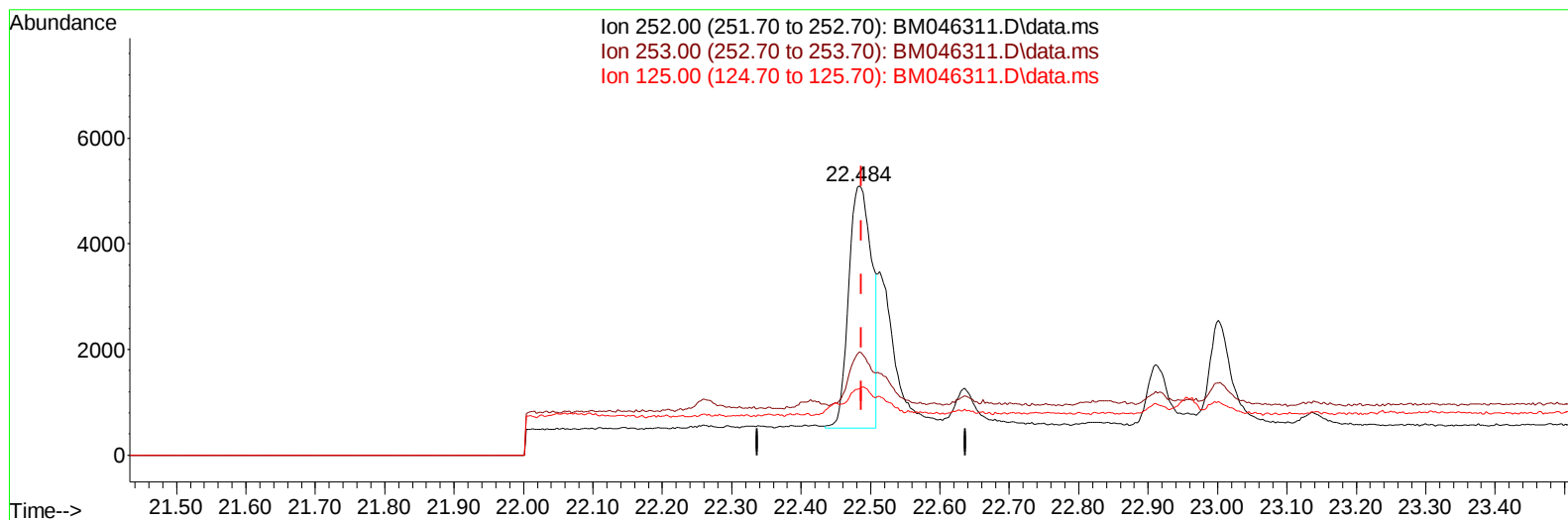
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062424\  
Data File : BM046311.D  
Acq On : 26 Jun 2024 03:38  
Operator : MA/JU  
Sample : P2844-07DL 5X  
Misc :  
ALS Vial : 72 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4C85DL

## Manual IntegrationsAPPROVED

Quant Time: Jun 26 05:03:12 2024  
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Reviewed By :Yogesh Patel 06/26/2024  
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TIC: BM046311.D\data.ms

## (24) Benzo(b)fluoranthene

22.484min (-0.003) 0.33 ng/u1 m

response 10465

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 32.90  | 38.43  |
| 125.00 | 20.10  | 24.68  |
| 0.00   | 0.00   | 0.00   |

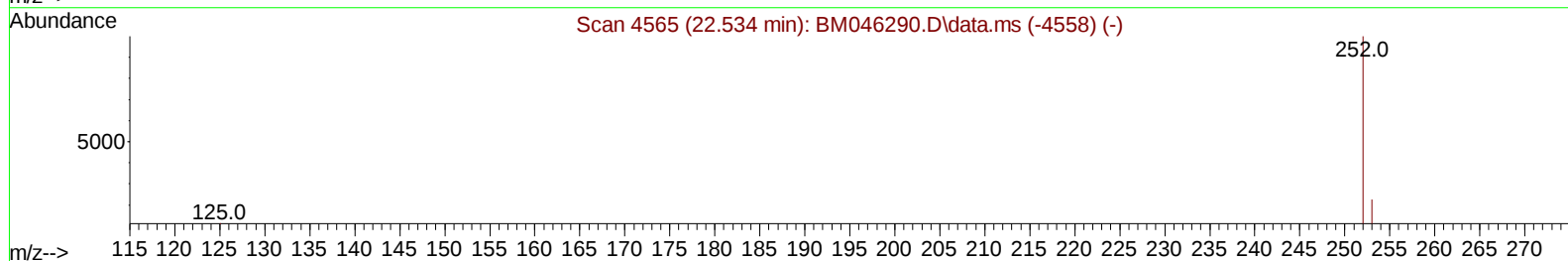
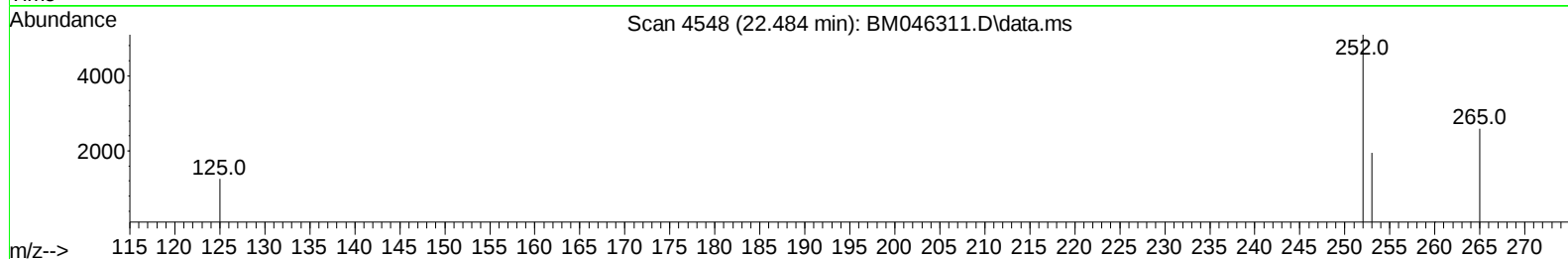
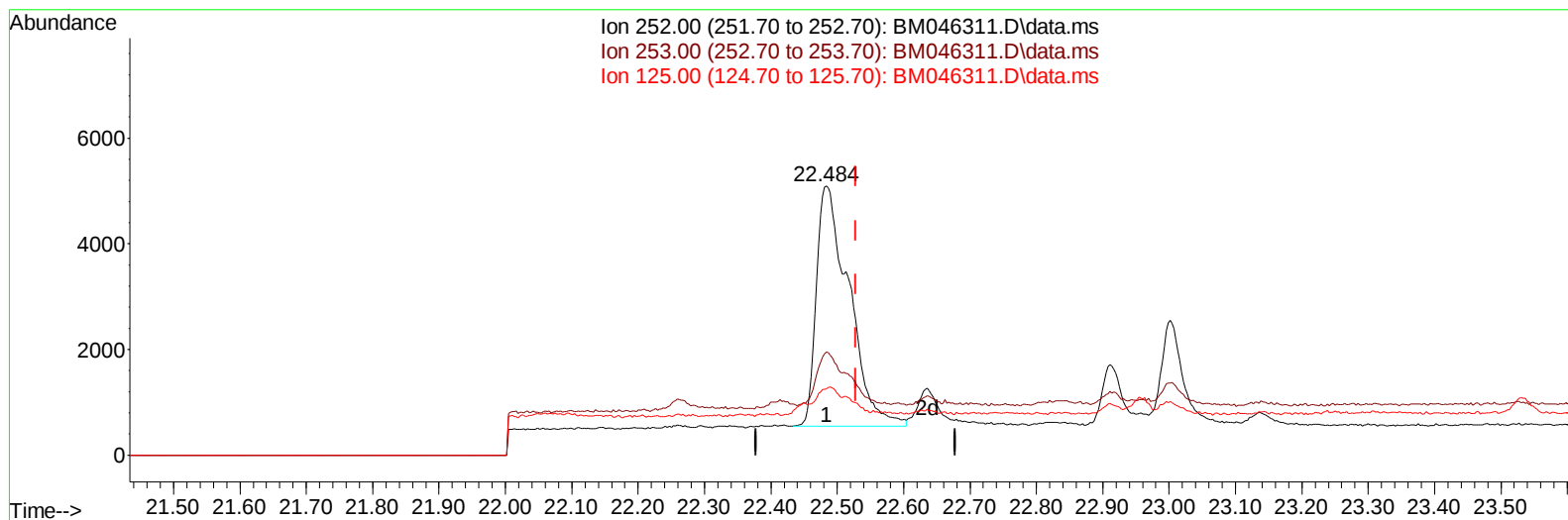
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062424\  
Data File : BM046311.D  
Acq On : 26 Jun 2024 03:38  
Operator : MA/JU  
Sample : P2844-07DL 5X  
Misc :  
ALS Vial : 72 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4C85DL

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/26/2024  
Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 05:03:12 2024  
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TIC: BM046311.D\data.ms

## (25) Benzo(k)fluoranthene

22.484min (-0.044) 0.41 ng/u1

response 15552

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 34.00  | 38.43  |
| 125.00 | 20.80  | 24.68  |
| 0.00   | 0.00   | 0.00   |

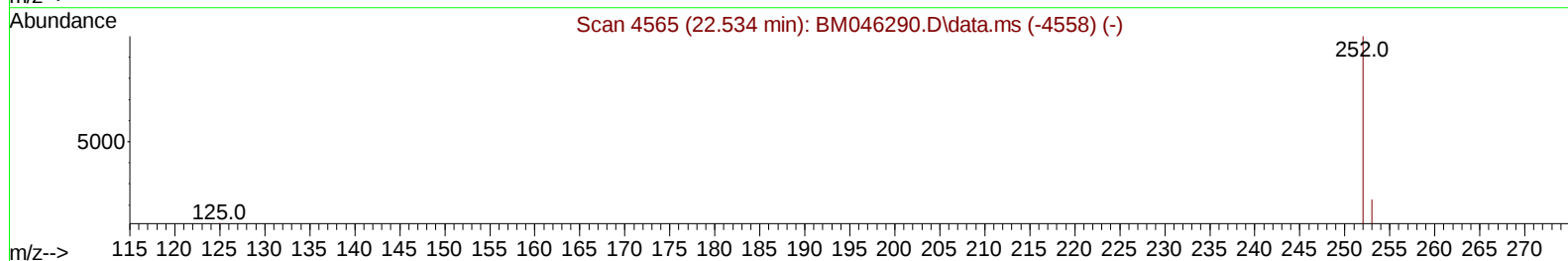
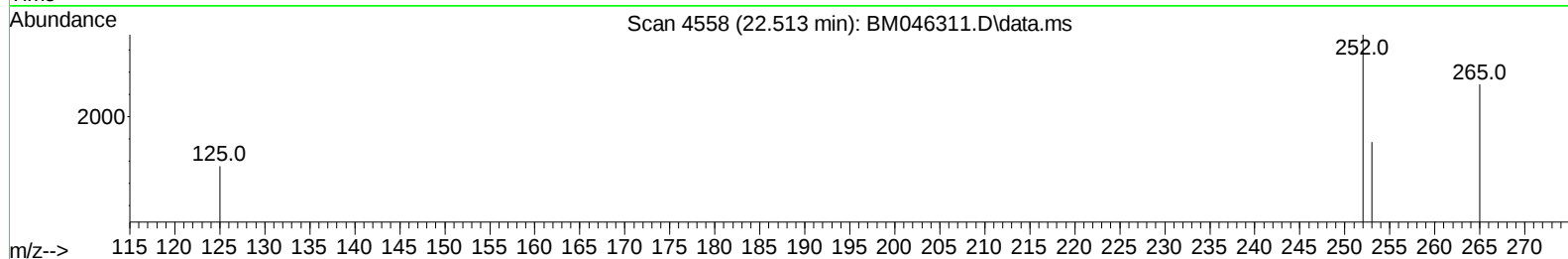
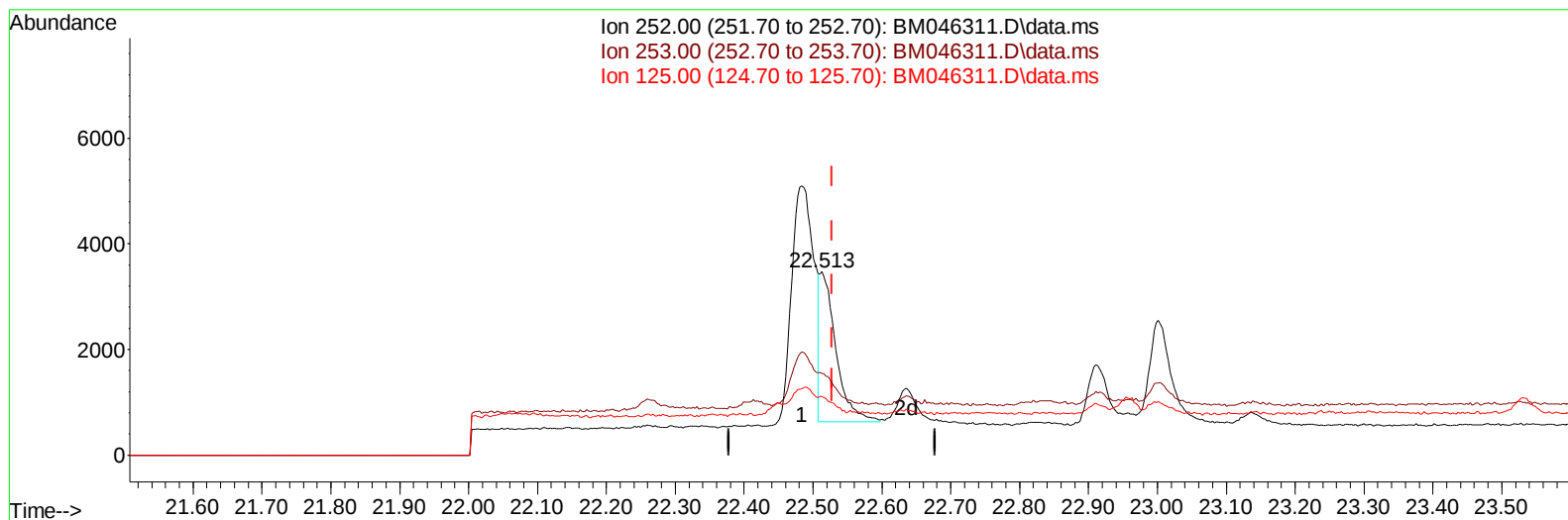
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062424\  
Data File : BM046311.D  
Acq On : 26 Jun 2024 03:38  
Operator : MA/JU  
Sample : P2844-07DL 5X  
Misc :  
ALS Vial : 72 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4C85DL

Manual IntegrationsAPPROVED

Quant Time: Jun 26 05:03:12 2024  
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TIC: BM046311.D\data.ms

(25) Benzo(k)fluoranthene

22.513min (-0.015) 0.12 ng/u1 m

response 4708

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 34.00  | 44.34# |
| 125.00 | 20.80  | 32.02# |
| 0.00   | 0.00   | 0.00   |

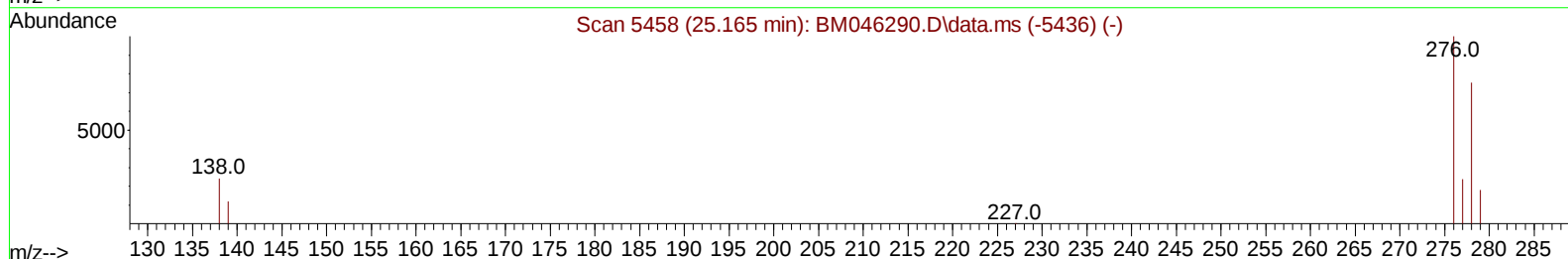
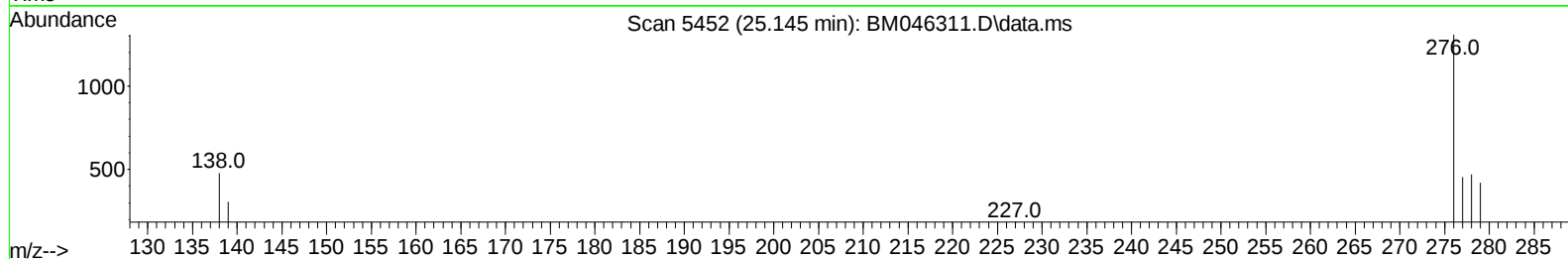
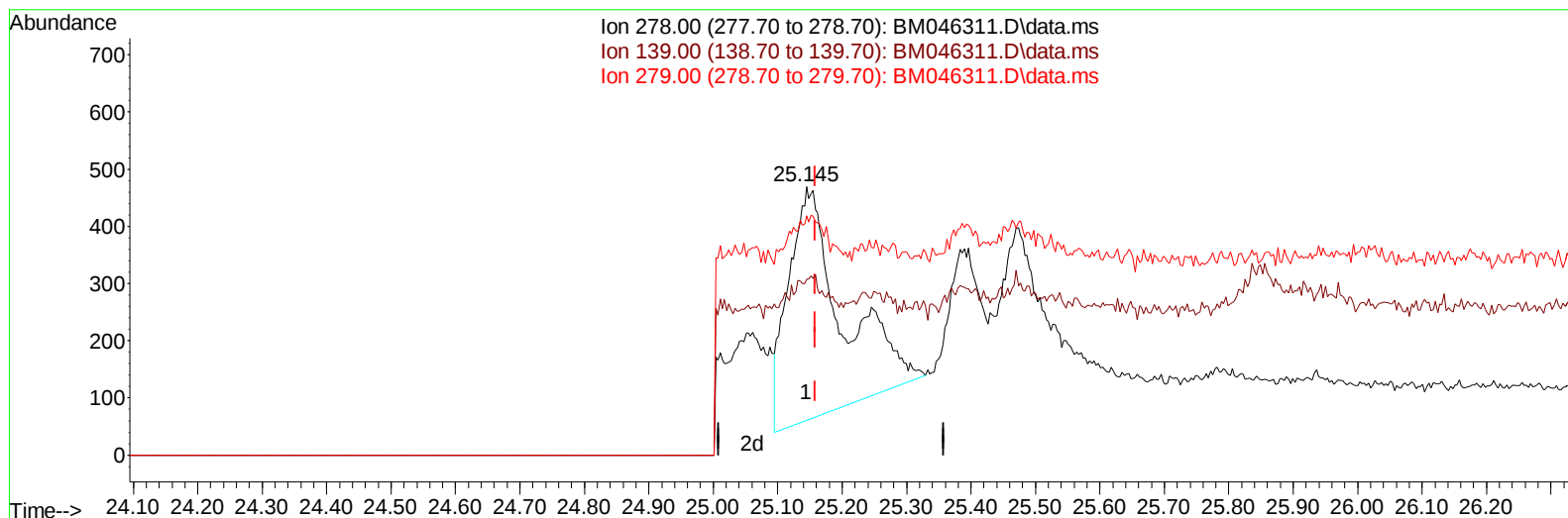
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062424\  
Data File : BM046311.D  
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Operator : MA/JU  
Sample : P2844-07DL 5X  
Misc :  
ALS Vial : 72 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4C85DL

Manual IntegrationsAPPROVED

Quant Time: Jun 26 05:03:12 2024  
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TIC: BM046311.D\data.ms

(28) Dibenzo(a,h)anthracene

25.145min (-0.013) 0.07 ng/u1

response 2357

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 278.00 | 100.00 | 100.00 |
| 139.00 | 22.00  | 65.53# |
| 279.00 | 32.90  | 89.15# |
| 0.00   | 0.00   | 0.00   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062424\  
 Data File : BM046311.D  
 Acq On : 26 Jun 2024 03:38  
 Operator : MA/JU  
 Sample : P2844-07DL 5X  
 Misc :  
 ALS Vial : 72 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4C85DL

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/26/2024  
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 05:03:12 2024  
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 QLast Update : Wed Jun 26 03:24:28 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.409  | 152 |     | 2312     | 0.400 | ng/ul  | -0.04    |
| 4) Naphthalene-d8           | 10.216 | 136 |     | 6650     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.062 | 164 |     | 4201     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.812 | 188 |     | 8661     | 0.400 | ng/ul  | -0.03    |
| 17) Chrysene-d12            | 21.011 | 240 |     | 7669     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.092 | 264 |     | 8813m    | 0.400 | ng/ul  | -0.01    |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.025  | 96  |     | 1295     | 0.408 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.838 | 152 |     | 243      | 0.027 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.839 | 212 |     | 669      | 0.029 | ng/ul  | -0.02    |
| Target Compounds            |        |     |     |          |       |        |          |
|                             |        |     |     |          |       | Qvalue |          |
| 10) Acenaphthylene          | 13.785 | 152 |     | 638      | 0.032 | ng/ul# | 49       |
| 11) Acenaphthene            | 14.123 | 153 |     | 300      | 0.021 | ng/ul# | 89       |
| 12) Fluorene                | 15.127 | 166 |     | 394      | 0.026 | ng/ul# | 85       |
| 15) Phenanthrene            | 16.850 | 178 |     | 7813     | 0.321 | ng/ul  | 100      |
| 16) Anthracene              | 16.947 | 178 |     | 1403     | 0.077 | ng/ul# | 78       |
| 19) Fluoranthene            | 18.872 | 202 |     | 16567    | 0.499 | ng/ul  | 98       |
| 20) Pyrene                  | 19.230 | 202 |     | 12603    | 0.351 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 20.997 | 228 |     | 7073     | 0.239 | ng/ul  | 94       |
| 22) Chrysene                | 21.046 | 228 |     | 7340     | 0.194 | ng/ul  | 96       |
| 24) Benzo(b)fluoranthene    | 22.484 | 252 |     | 10465m   | 0.330 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.513 | 252 |     | 4708m    | 0.125 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.001 | 252 |     | 4245     | 0.144 | ng/ul# | 77       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.148 | 276 |     | 4796     | 0.100 | ng/ul# | 88       |
| 28) Dibenzo(a,h)anthracene  | 25.145 | 278 |     | 1087m    | 0.030 | ng/ul  |          |
| -----                       |        |     |     |          |       |        |          |

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

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Instrument :  
BNA\_M  
ClientSampleId :  
A4C85DL

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