

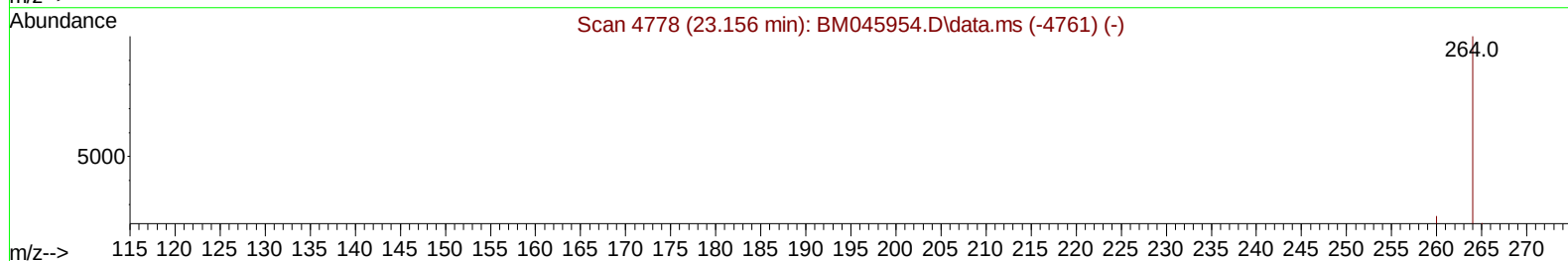
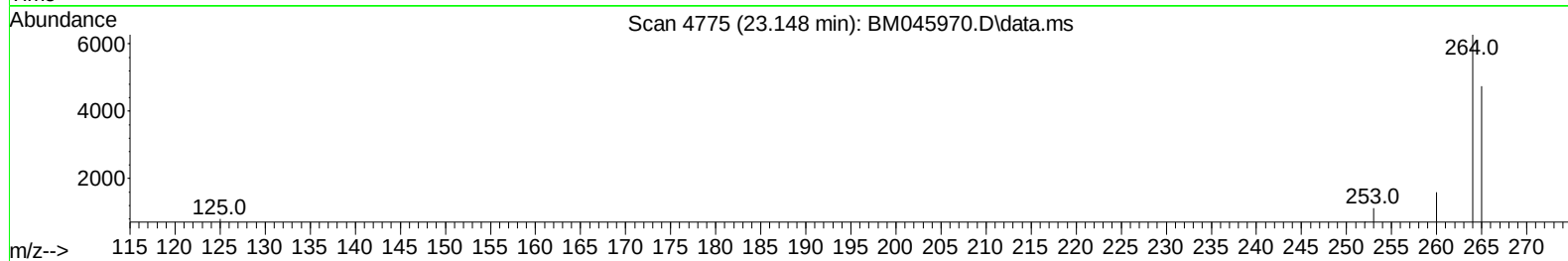
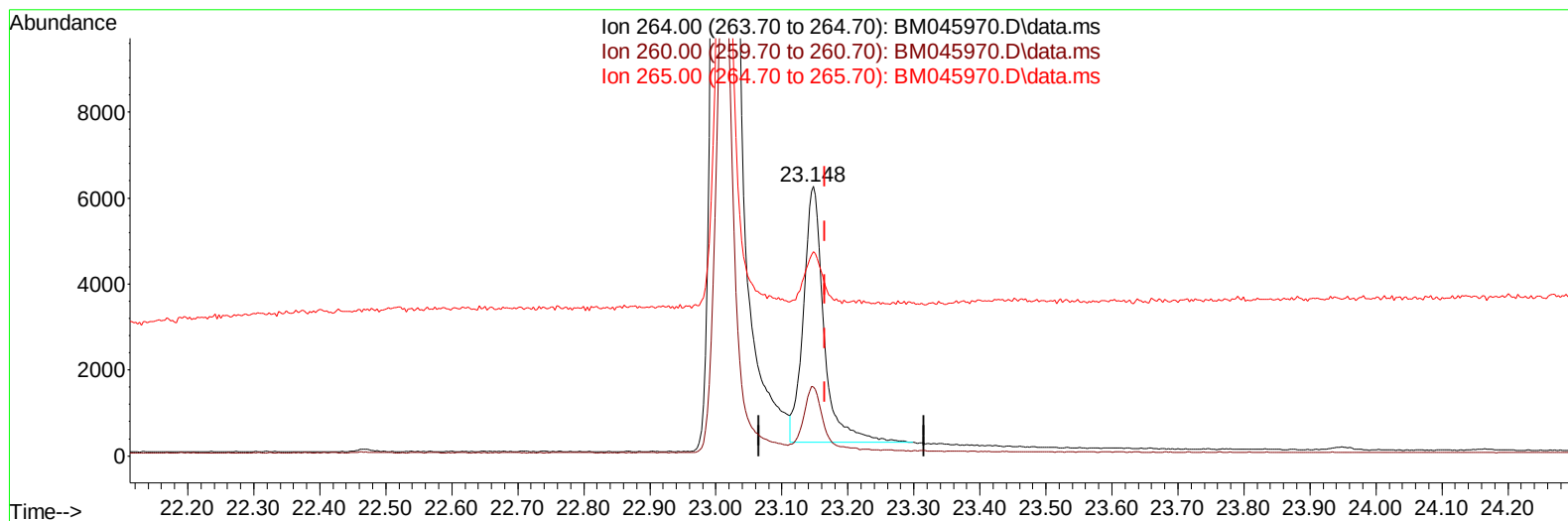
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061024\  
Data File : BM045970.D  
Acq On : 11 Jun 2024 02:48  
Operator : MA/JU  
Sample : P2642-08DL 5X  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BH3DL

Manual IntegrationsAPPROVED

Quant Time: Jun 11 03:19:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM060624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 10 22:47:12 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045970.D\data.ms

(23) Perylene-d12 (I)

23.148min (-0.018) 0.40 ng/u1

response 12927

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 25.70  | 25.49  |
| 265.00 | 76.60  | 75.71  |
| 0.00   | 0.00   | 0.00   |

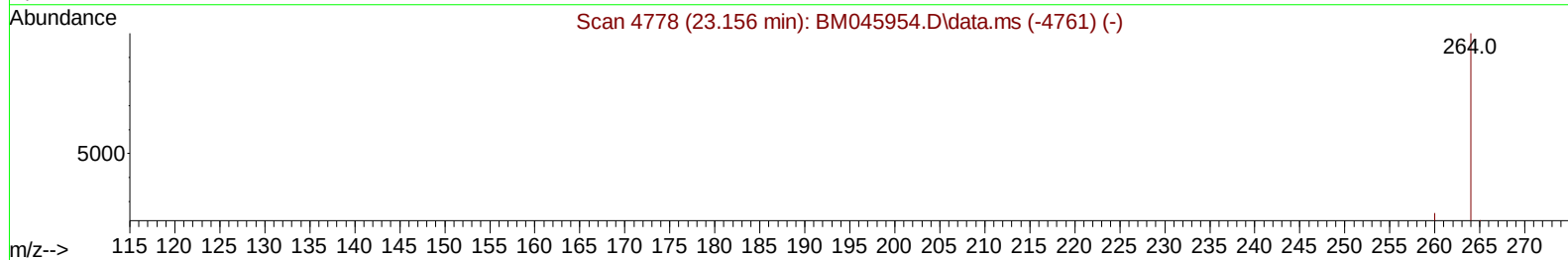
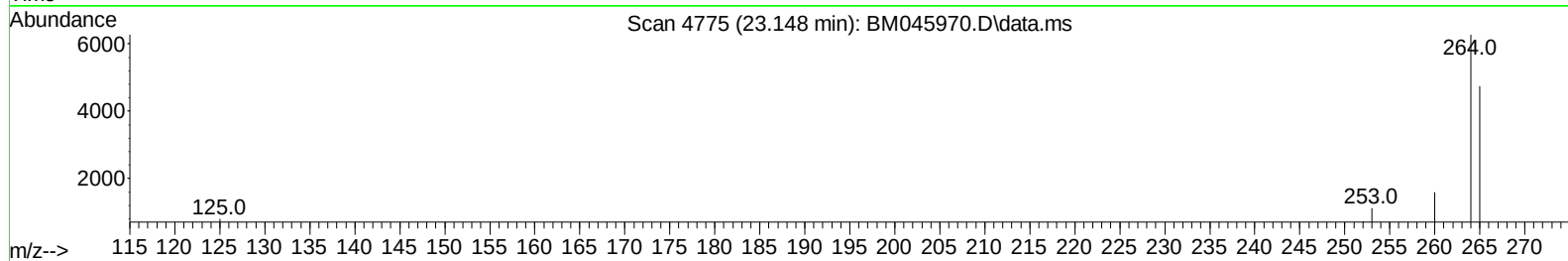
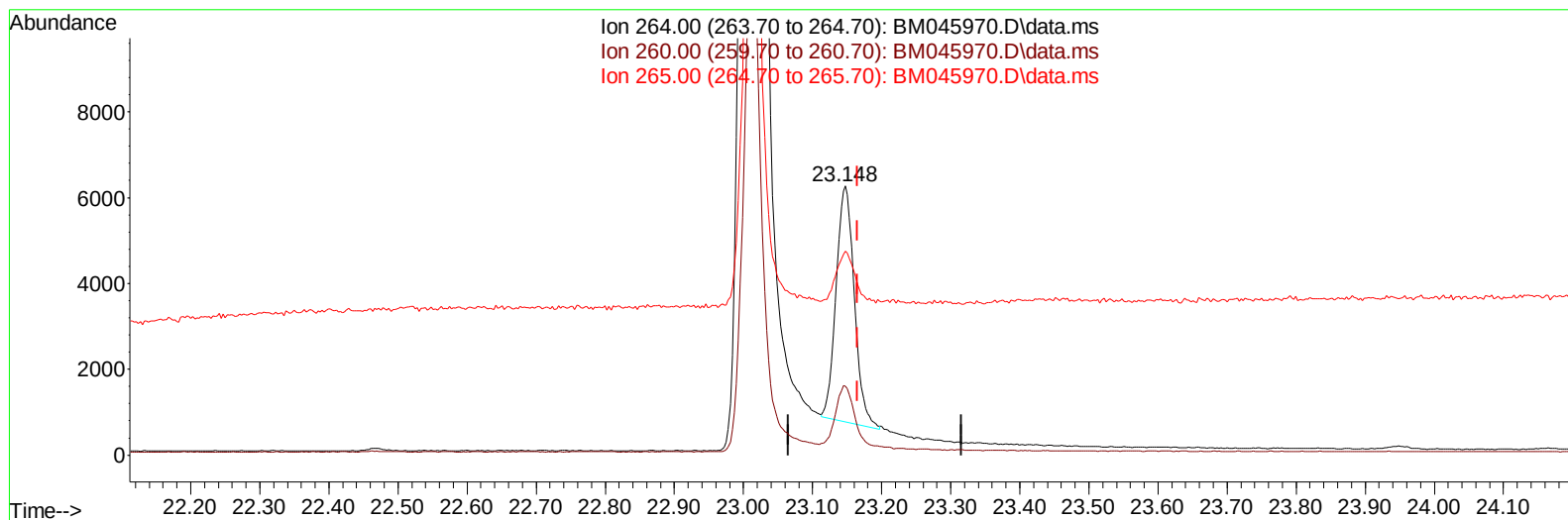
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061024\  
Data File : BM045970.D  
Acq On : 11 Jun 2024 02:48  
Operator : MA/JU  
Sample : P2642-08DL 5X  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BH3DL

Manual IntegrationsAPPROVED

Quant Time: Jun 11 03:19:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM060624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 10 22:47:12 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045970.D\data.ms

(23) Perylene-d12 (I)

23.148min (-0.018) 0.40 ng/ul m

response 10039

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 25.70  | 25.49  |
| 265.00 | 76.60  | 75.71  |
| 0.00   | 0.00   | 0.00   |

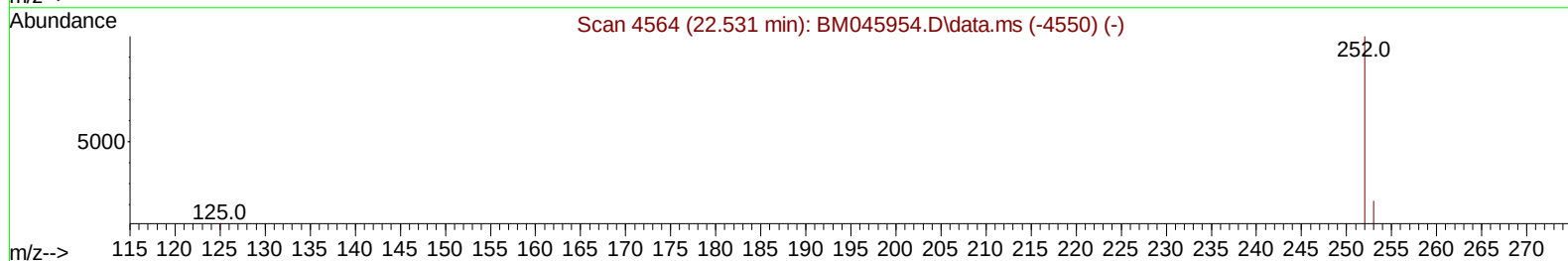
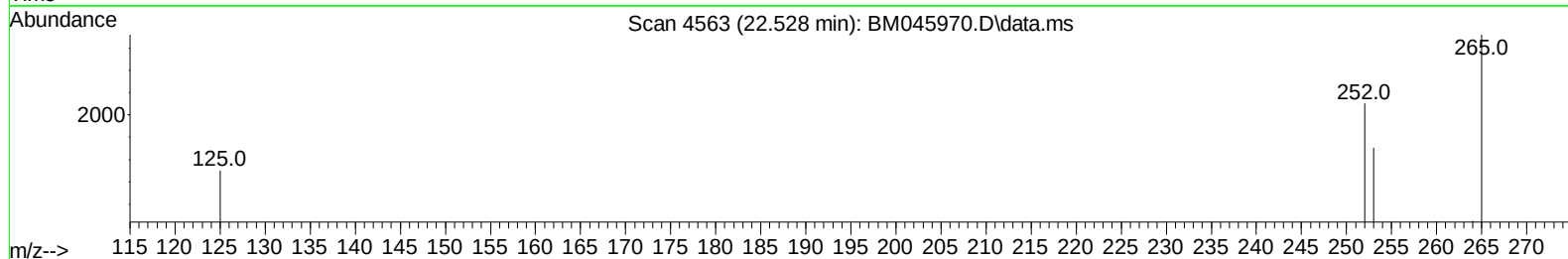
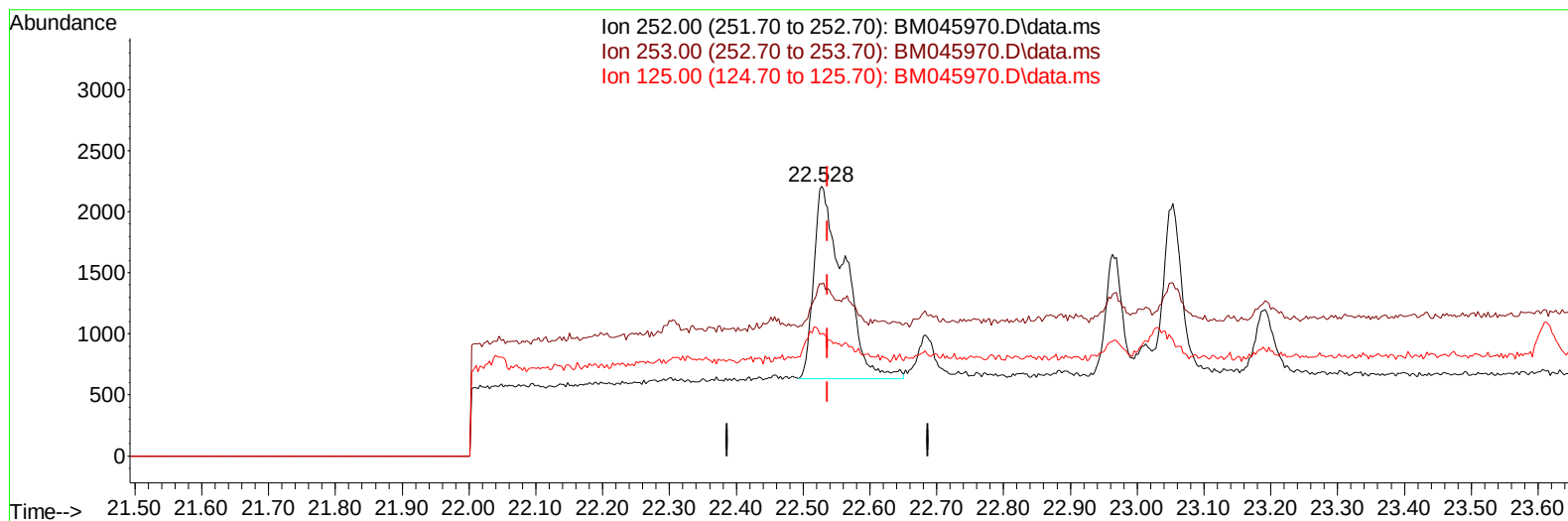
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061024\  
Data File : BM045970.D  
Acq On : 11 Jun 2024 02:48  
Operator : MA/JU  
Sample : P2642-08DL 5X  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BH3DL

Manual IntegrationsAPPROVED

Quant Time: Jun 11 03:19:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM060624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 10 22:47:12 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045970.D\data.ms

(24) Benzo(b)fluoranthene

22.528min (-0.009) 0.15 ng/u1

response 5059

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 31.80  | 63.75# |
| 125.00 | 17.90  | 45.40# |
| 0.00   | 0.00   | 0.00   |

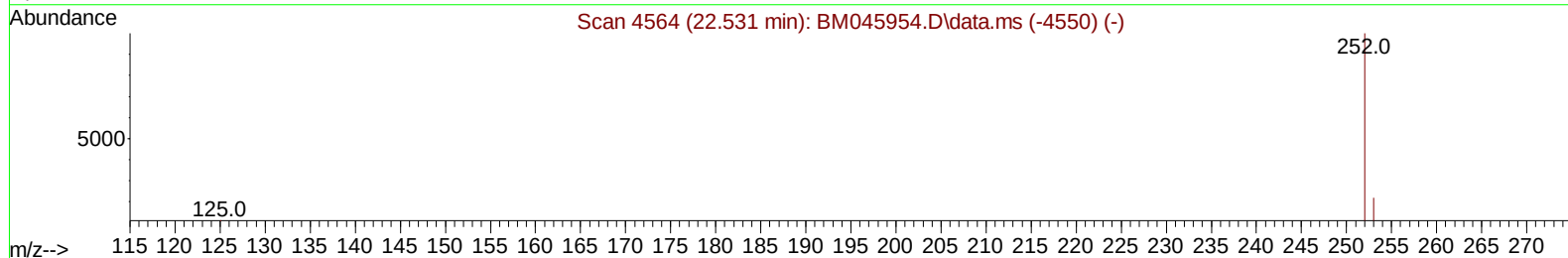
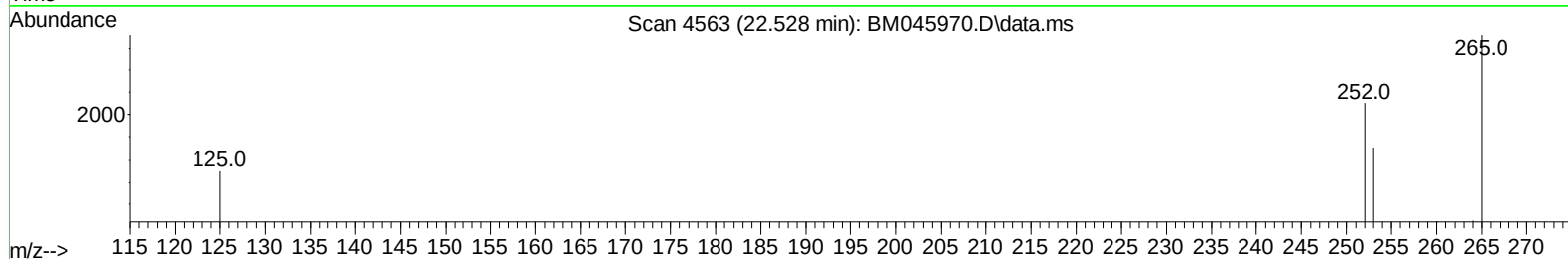
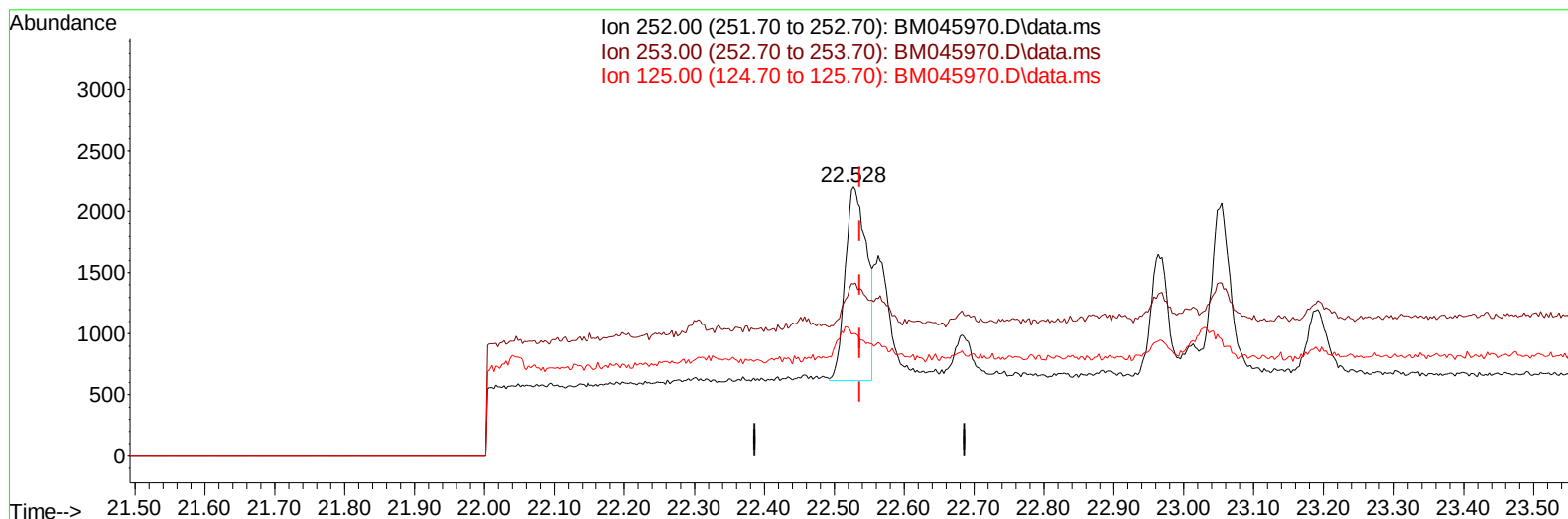
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061024\  
Data File : BM045970.D  
Acq On : 11 Jun 2024 02:48  
Operator : MA/JU  
Sample : P2642-08DL 5X  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BH3DL

Manual IntegrationsAPPROVED

Quant Time: Jun 11 03:19:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM060624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 10 22:47:12 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045970.D\data.ms

(24) Benzo(b)fluoranthene

22.528min (-0.009) 0.10 ng/ul m

response 3385

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 31.80  | 63.75# |
| 125.00 | 17.90  | 45.40# |
| 0.00   | 0.00   | 0.00   |

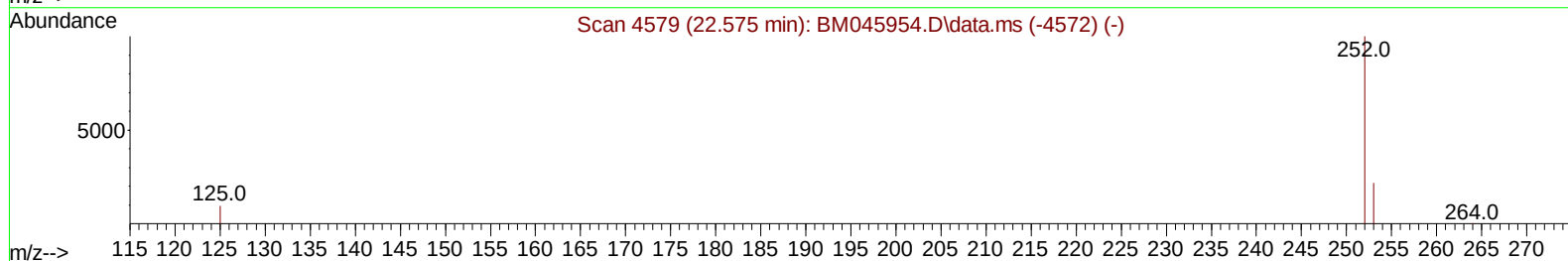
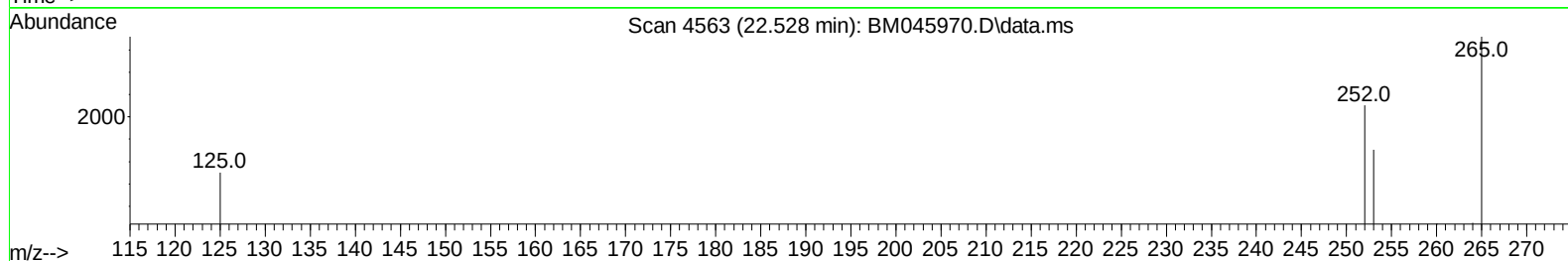
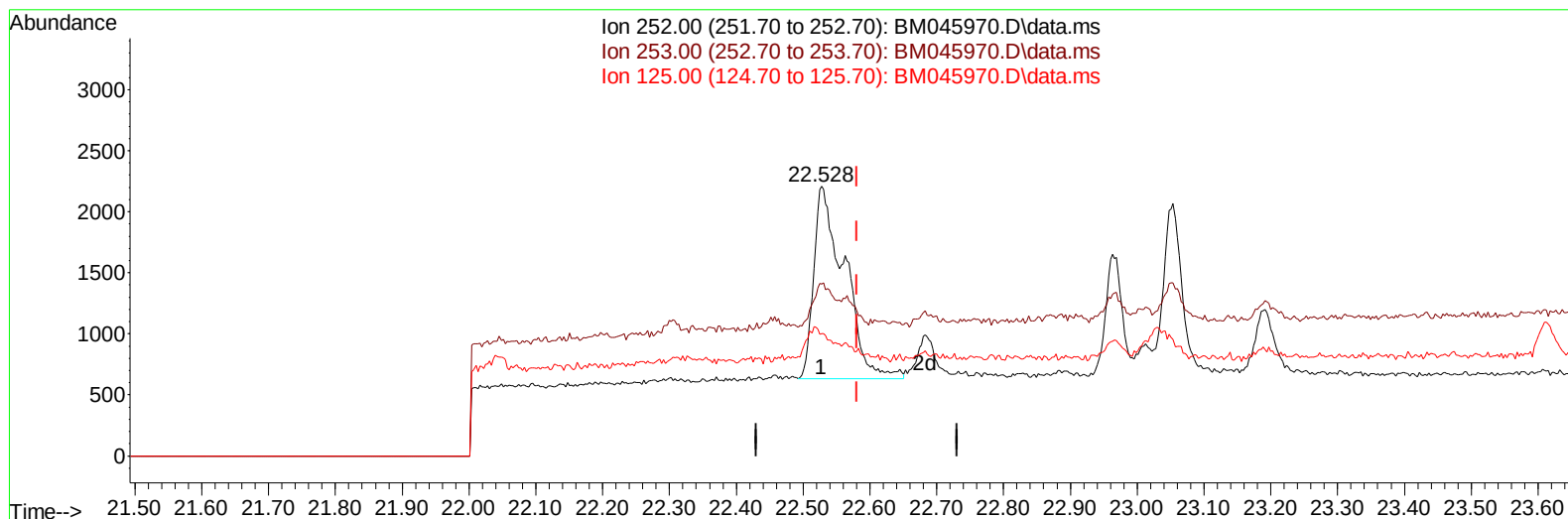
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061024\  
Data File : BM045970.D  
Acq On : 11 Jun 2024 02:48  
Operator : MA/JU  
Sample : P2642-08DL 5X  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BH3DL

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 11 03:19:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM060624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 10 22:47:12 2024  
Response via : Initial Calibration



TIC: BM045970.D\data.ms

## (25) Benzo(k)fluoranthene

22.528min (-0.053) 0.14 ng/u1

response 5059

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 31.30  | 63.75# |
| 125.00 | 17.70  | 45.40# |
| 0.00   | 0.00   | 0.00   |

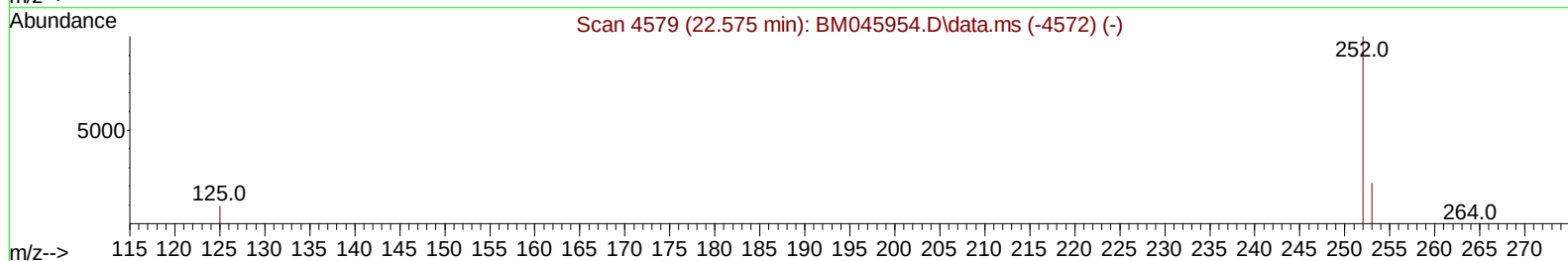
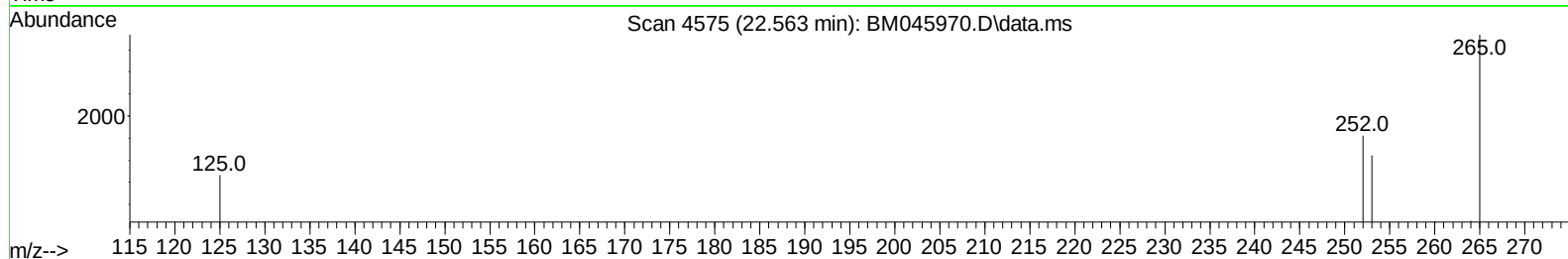
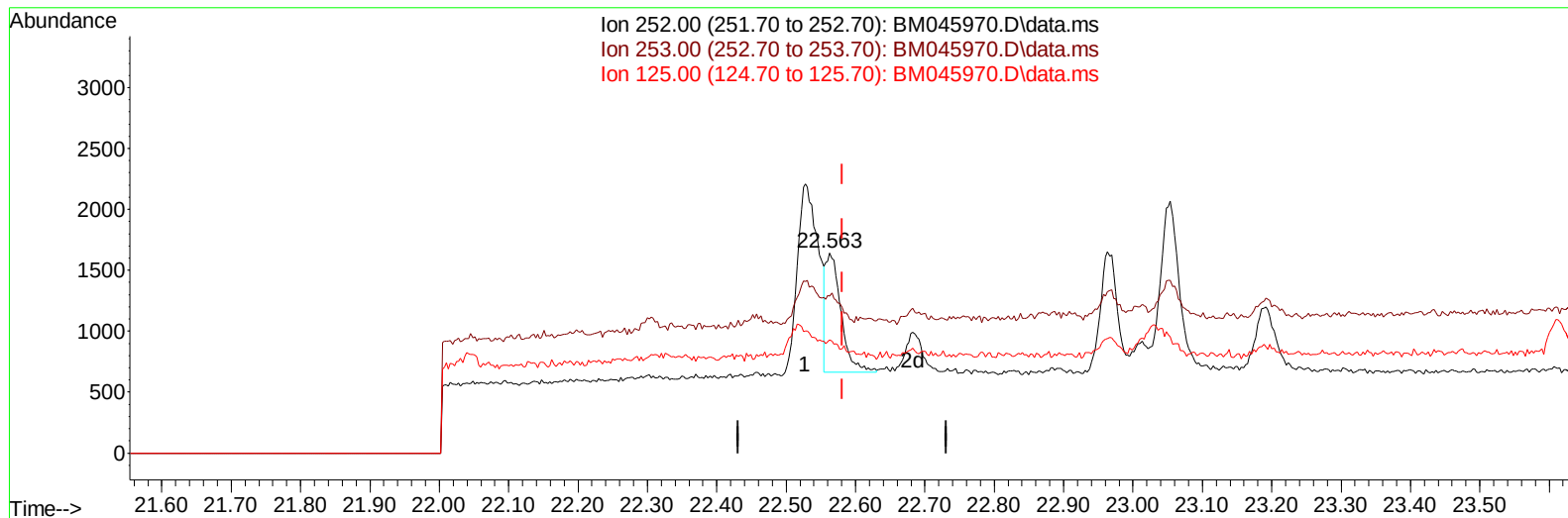
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061024\  
Data File : BM045970.D  
Acq On : 11 Jun 2024 02:48  
Operator : MA/JU  
Sample : P2642-08DL 5X  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BH3DL

Manual IntegrationsAPPROVED

Quant Time: Jun 11 03:19:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM060624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 10 22:47:12 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045970.D\data.ms

(25) Benzo(k)fluoranthene

22.563min (-0.018) 0.04 ng/u1 m

response 1496

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 31.30  | 78.47# |
| 125.00 | 17.70  | 56.39# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061024\  
 Data File : BM045970.D  
 Acq On : 11 Jun 2024 02:48  
 Operator : MA/JU  
 Sample : P2642-08DL 5X  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4BH3DL

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024  
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 11 03:19:26 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM060624.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 10 22:47:12 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.463  | 152 |     | 4382     | 0.400 | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 10.244 | 136 |     | 14029    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.109 | 164 |     | 7649     | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 16.850 | 188 |     | 12770    | 0.400 | ng/ul  | -0.02    |
| 17) Chrysene-d12            | 21.046 | 240 |     | 8848     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.148 | 264 |     | 10039m   | 0.400 | ng/ul  | -0.02    |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.063  | 96  |     | 3070     | 0.615 | ng/ul  | -0.02    |
| 6) 2-Methylnaphthalene-d10  | 11.866 | 152 |     | 669      | 0.033 | ng/ul  | 0.02     |
| 18) Fluoranthene-d10        | 18.881 | 212 |     | 1202     | 0.045 | ng/ul  | -0.01    |
| Target Compounds            |        |     |     |          |       |        |          |
|                             |        |     |     |          |       | Qvalue |          |
| 11) Acenaphthene            | 14.169 | 153 |     | 577      | 0.023 | ng/ul# | 95       |
| 12) Fluorene                | 15.164 | 166 |     | 748      | 0.026 | ng/ul# | 95       |
| 15) Phenanthrene            | 16.892 | 178 |     | 7427     | 0.207 | ng/ul  | 99       |
| 16) Anthracene              | 16.985 | 178 |     | 2006     | 0.066 | ng/ul# | 83       |
| 19) Fluoranthene            | 18.914 | 202 |     | 7771     | 0.220 | ng/ul  | 99       |
| 20) Pyrene                  | 19.272 | 202 |     | 7061     | 0.192 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.032 | 228 |     | 2990     | 0.092 | ng/ul# | 89       |
| 22) Chrysene                | 21.081 | 228 |     | 2984     | 0.084 | ng/ul# | 92       |
| 24) Benzo(b)fluoranthene    | 22.528 | 252 |     | 3385m    | 0.102 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 22.563 | 252 |     | 1496m    | 0.041 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.054 | 252 |     | 2613     | 0.079 | ng/ul# | 46       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.212 | 276 |     | 1638     | 0.038 | ng/ul# | 92       |
| 29) Benzo(g,h,i)perylene    | 25.836 | 276 |     | 1640     | 0.044 | ng/ul# | 58       |
| -----                       |        |     |     |          |       |        |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061024\  
Data File : BM045970.D  
Acq On : 11 Jun 2024 02:48  
Operator : MA/JU  
Sample : P2642-08DL 5X  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4BH3DL

## Manual IntegrationsAPPROVED

Quant Time: Jun 11 03:19:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM060624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 10 22:47:12 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/11/2024  
Supervised By :mohammad ahmed 06/13/2024

