

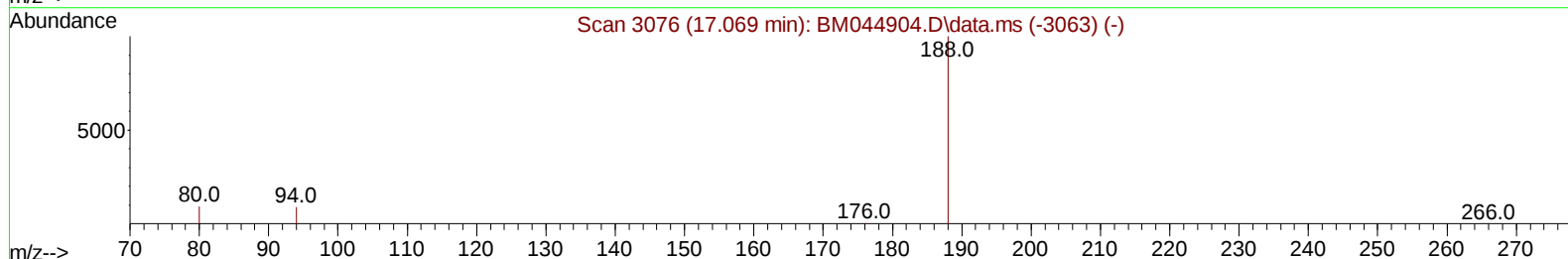
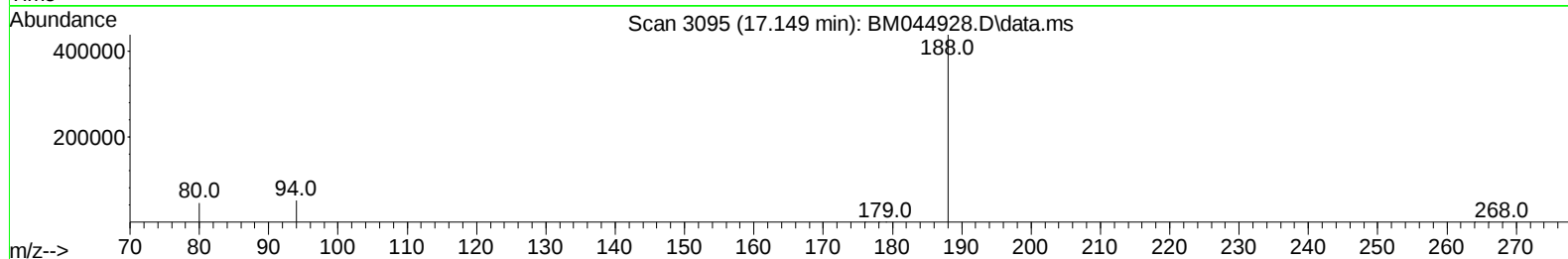
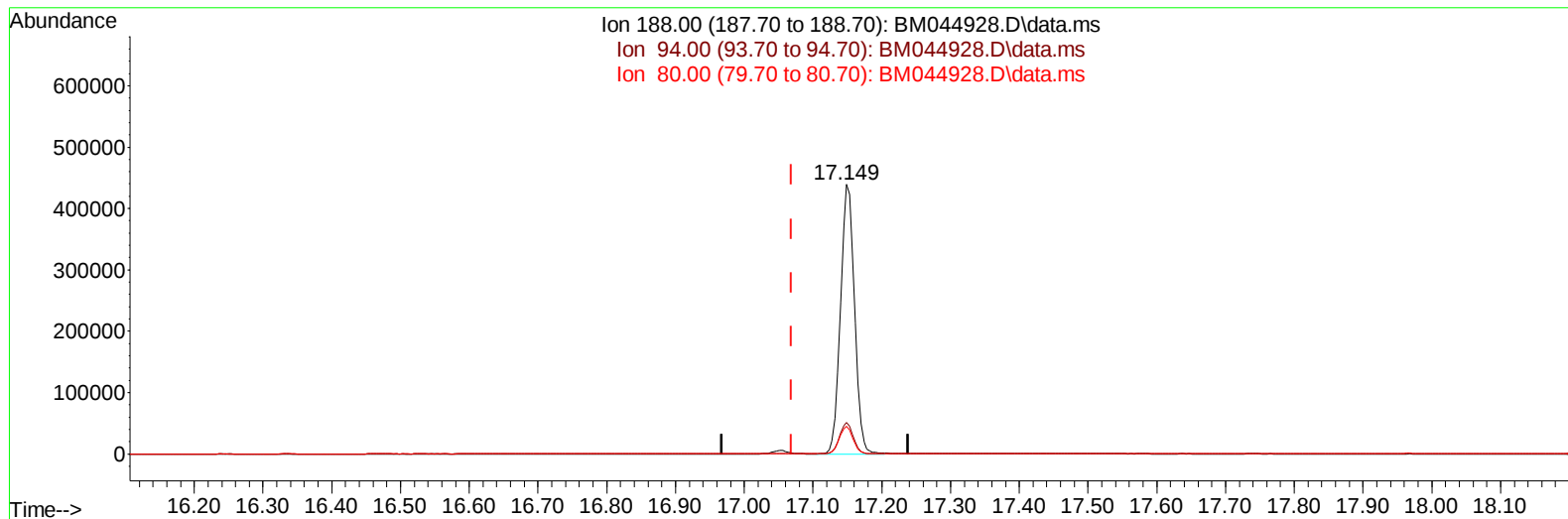
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040424\  
Data File : BM044928.D  
Acq On : 04 Apr 2024 23:50  
Operator : MA/JU  
Sample : P1948-16  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AK5

Manual IntegrationsAPPROVED

Quant Time: Apr 05 00:20:47 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM040424.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Apr 03 23:34:03 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/05/2024  
Supervised By :mohammad ahmed 04/06/2024



TIC: BM044928.D\data.ms

**(13) Phenanthrene-d10 (I)**

**17.149min (+ 0.080) 0.40 ng/u1**

**response 621587**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 11.00  | 11.64  |
| 80.00  | 11.80  | 10.21  |
| 0.00   | 0.00   | 0.00   |

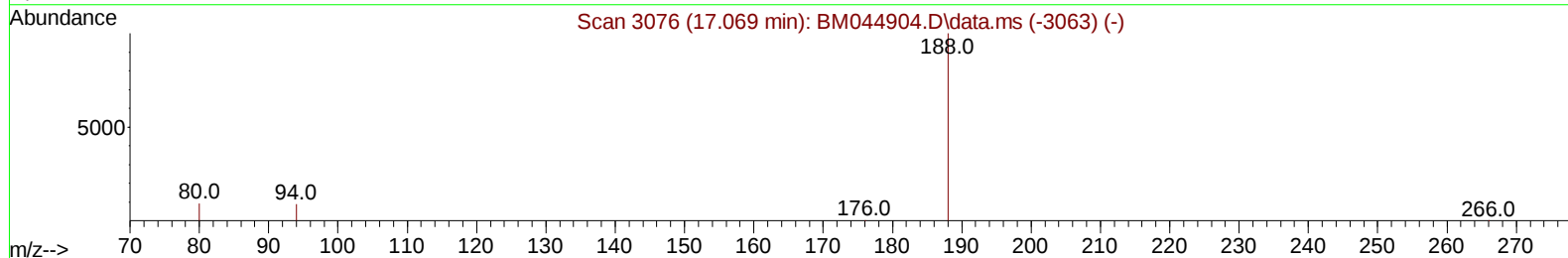
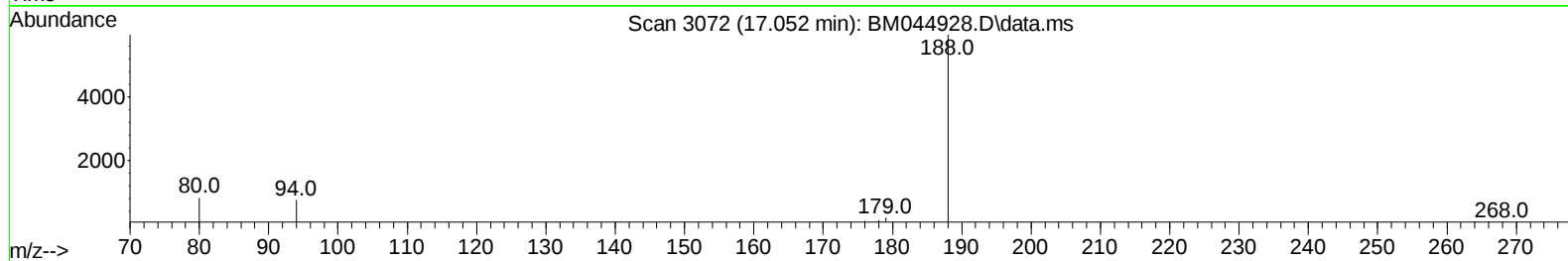
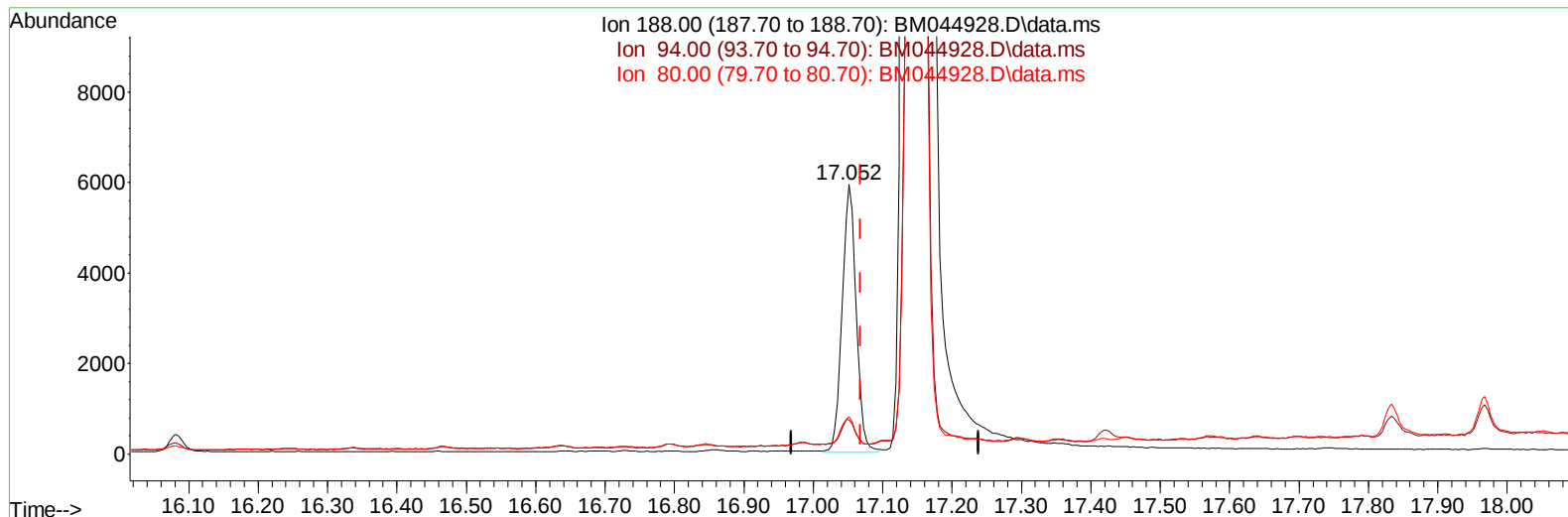
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040424\  
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Instrument :  
BNA\_M  
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Manual IntegrationsAPPROVED

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TIC: BM044928.D\data.ms

(13) Phenanthrene-d10 (I)

17.052min (-0.017) 0.40 ng/ul m

response 8343

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 11.00  | 12.74  |
| 80.00  | 11.80  | 13.81  |
| 0.00   | 0.00   | 0.00   |

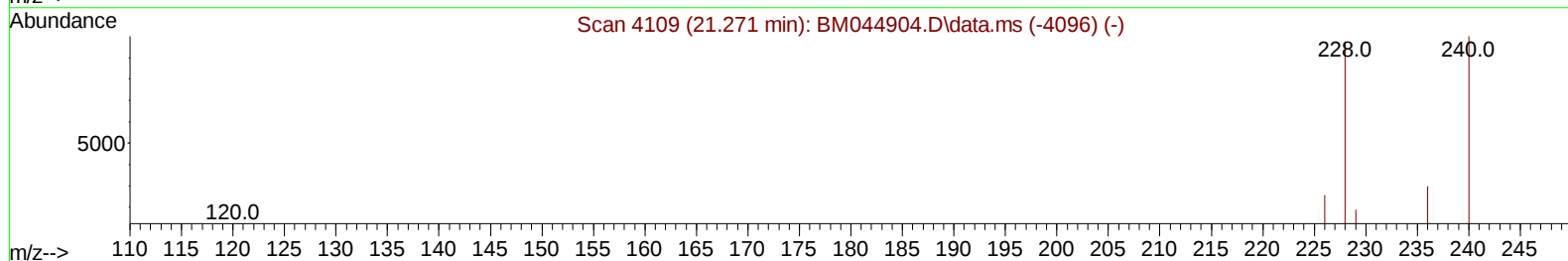
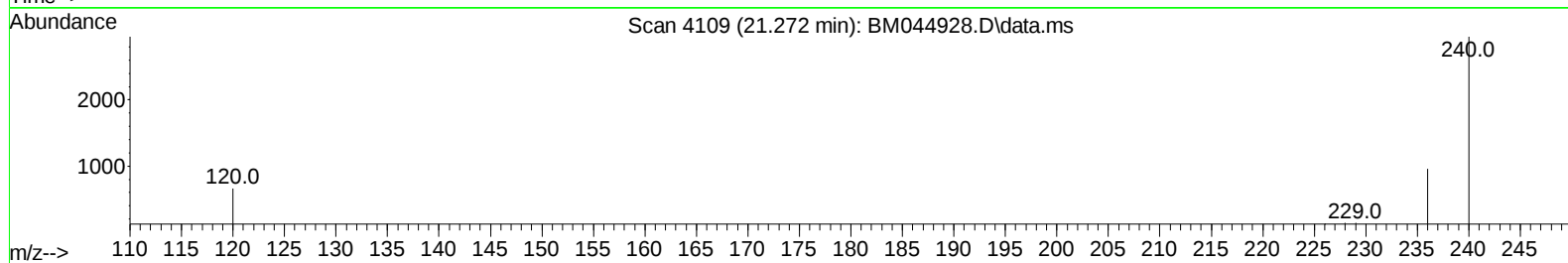
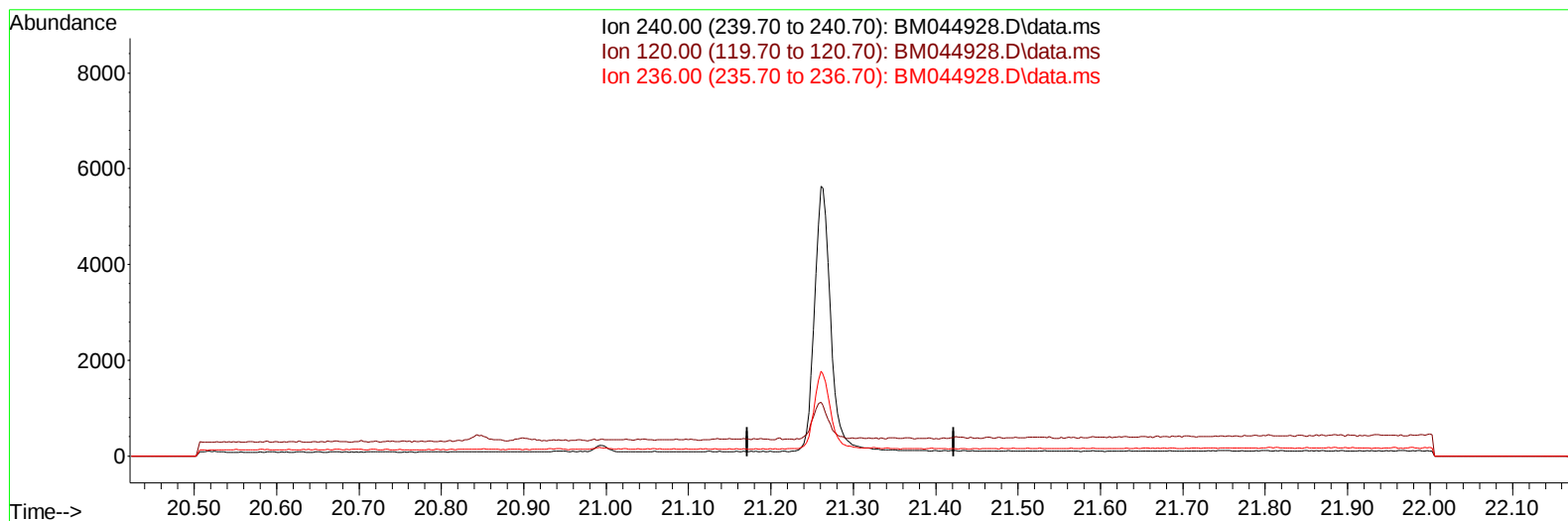
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040424\  
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Acq On : 04 Apr 2024 23:50  
Operator : MA/JU  
Sample : P1948-16  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AK5

Manual IntegrationsAPPROVED

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TIC: BM044928.D\data.ms

(17) Chrysene-d12

21.272min (-21.272) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 240.00 | 100.00 | 0.00  |
| 120.00 | 16.80  | 0.00# |
| 236.00 | 31.10  | 0.00# |
| 0.00   | 0.00   | 0.00  |

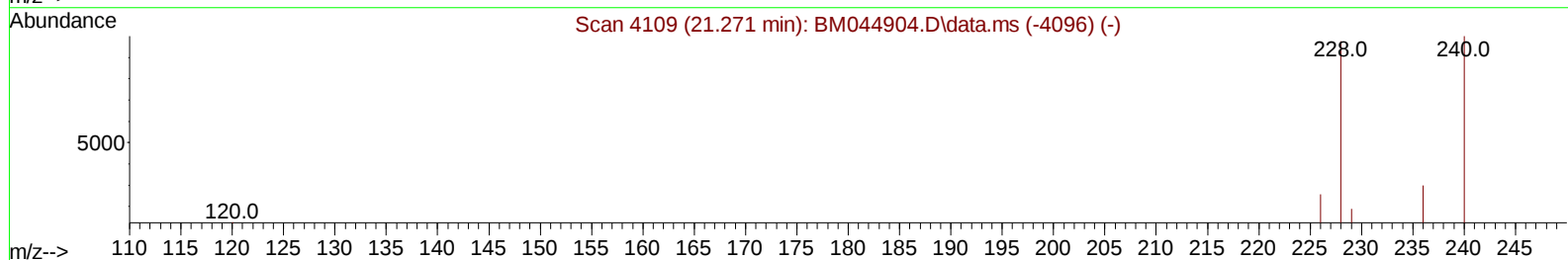
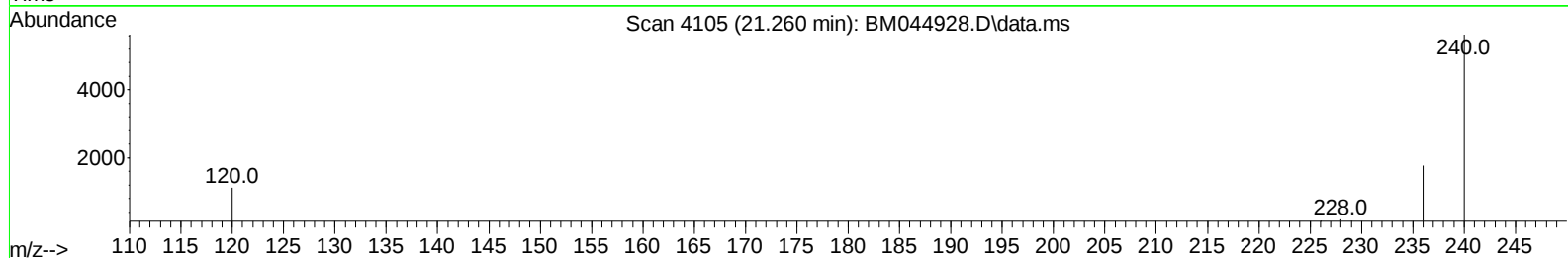
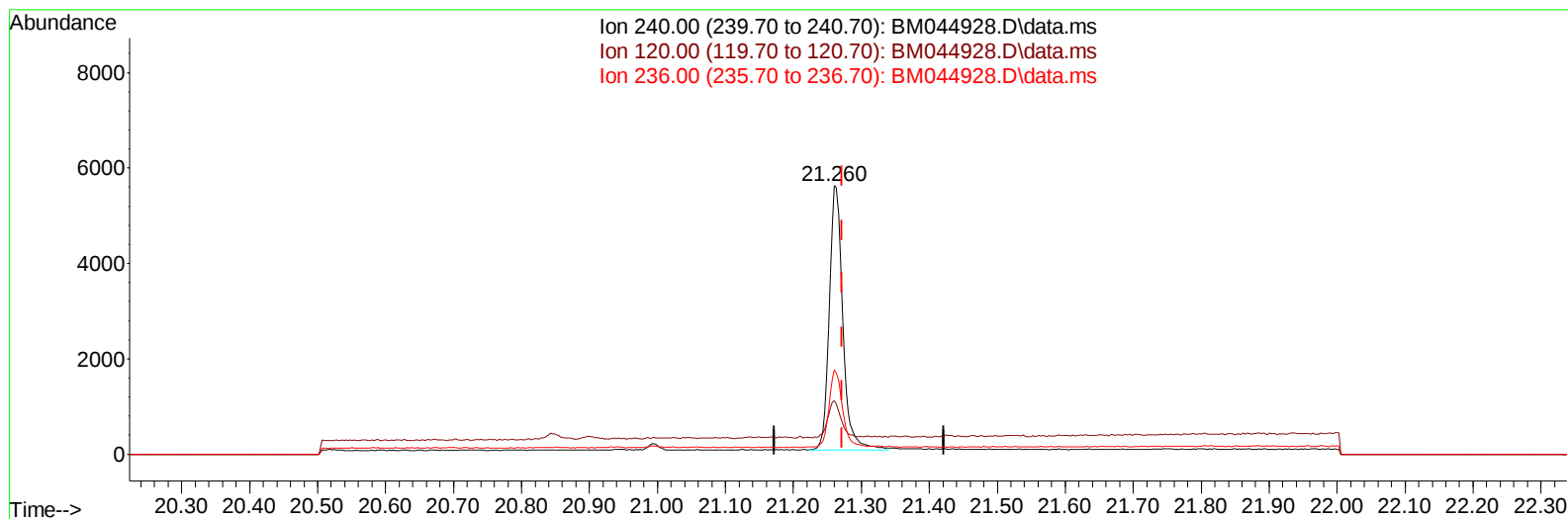
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040424\  
Data File : BM044928.D  
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Operator : MA/JU  
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ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Manual IntegrationsAPPROVED

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TIC: BM044928.D\data.ms

(17) Chrysene-d12

21.260min (-0.012) 0.40 ng/ul m

response 7689

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 16.80  | 20.02  |
| 236.00 | 31.10  | 31.49  |
| 0.00   | 0.00   | 0.00   |

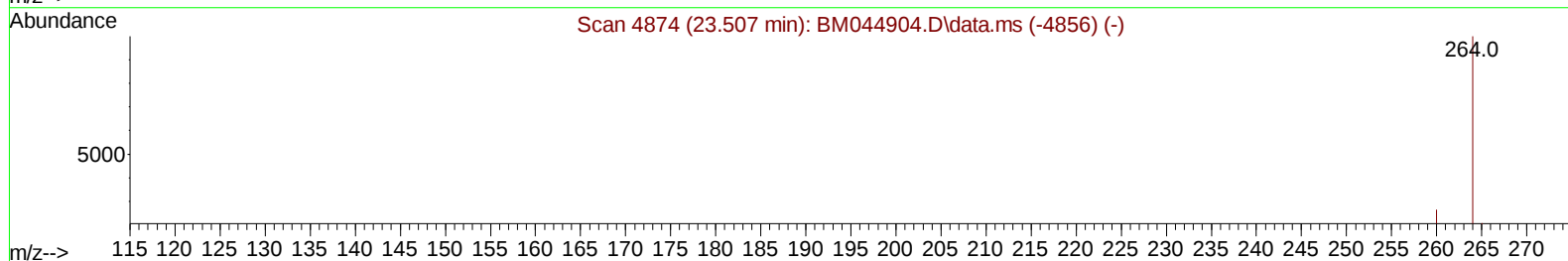
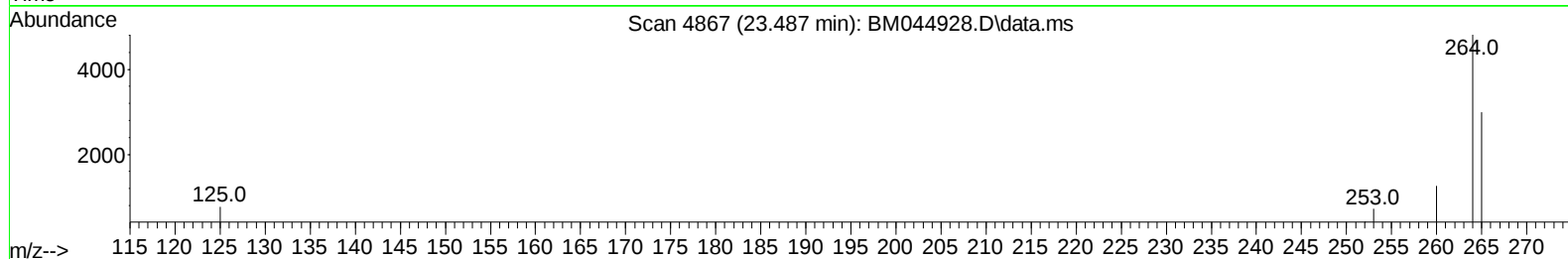
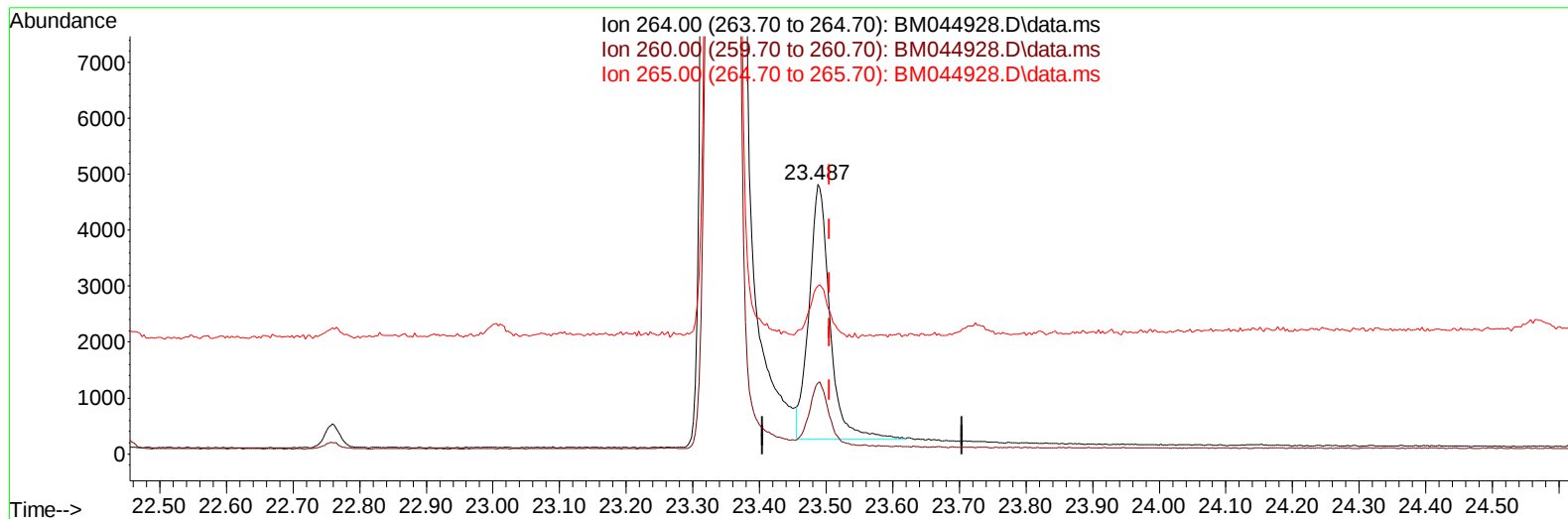
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040424\  
Data File : BM044928.D  
Acq On : 04 Apr 2024 23:50  
Operator : MA/JU  
Sample : P1948-16  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AK5

Manual IntegrationsAPPROVED

Quant Time: Apr 05 00:20:47 2024  
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Supervised By :mohammad ahmed 04/06/2024



TIC: BM044928.D\data.ms

(23) Perylene-d12 (I)

23.487min (-0.017) 0.40 ng/u1

response 9874

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.60  | 26.30  |
| 265.00 | 70.40  | 62.30  |
| 0.00   | 0.00   | 0.00   |

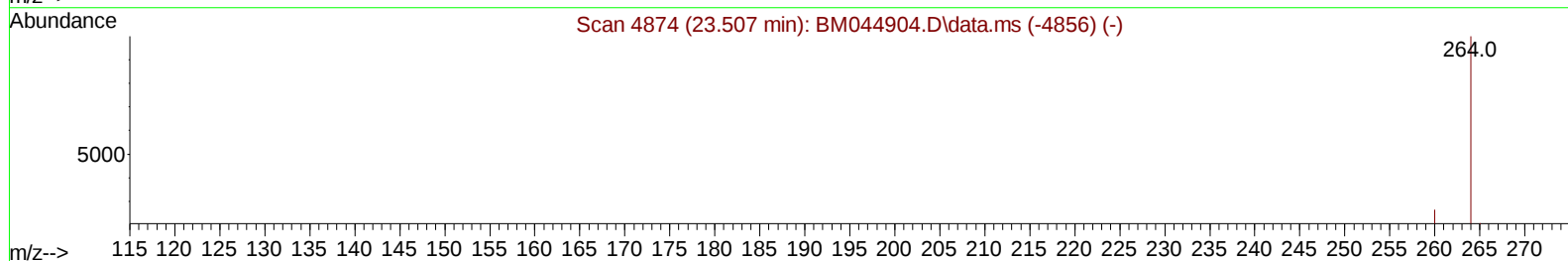
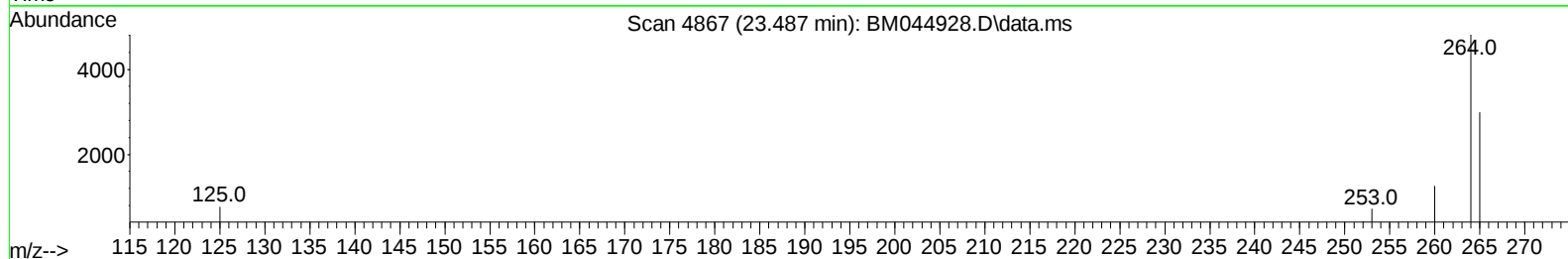
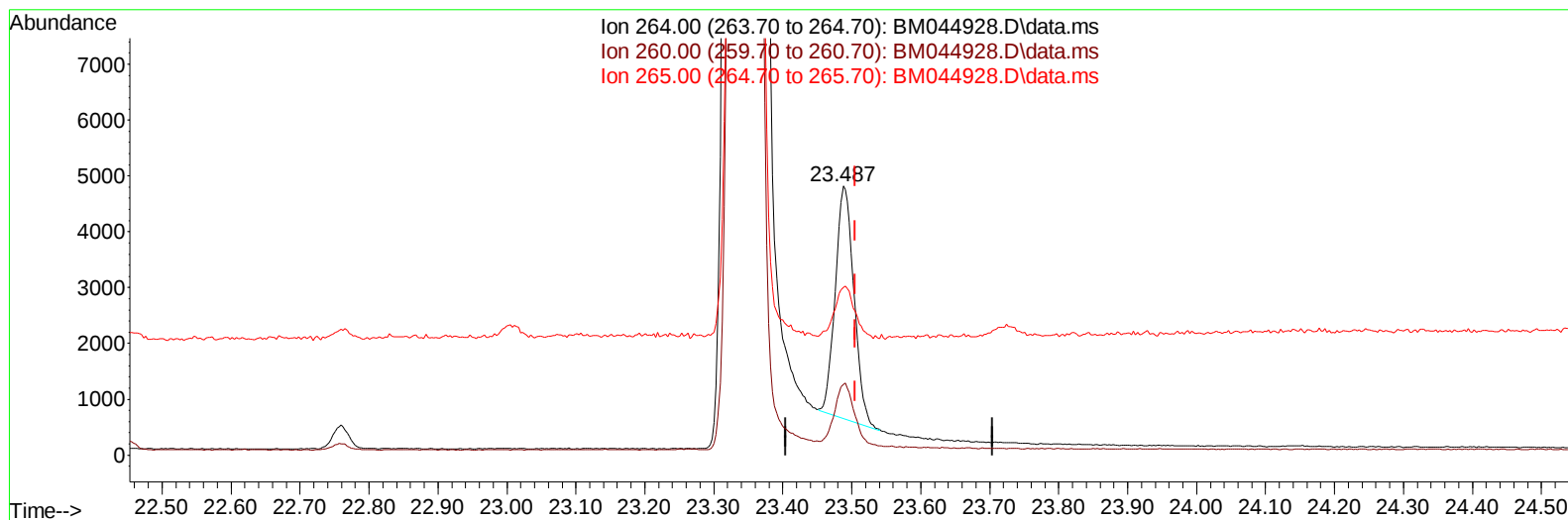
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040424\  
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Operator : MA/JU  
Sample : P1948-16  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AK5

Manual IntegrationsAPPROVED

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Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 04/05/2024  
Supervised By :mohammad ahmed 04/06/2024



TIC: BM044928.D\data.ms

(23) Perylene-d12 (I)

23.487min (-0.017) 0.40 ng/ul m

response 7800

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.60  | 26.30  |
| 265.00 | 70.40  | 62.30  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040424\  
 Data File : BM044928.D  
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 Operator : MA/JU  
 Sample : P1948-16  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AK5

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/05/2024  
 Supervised By :mohammad ahmed 04/06/2024

Quant Time: Apr 05 00:20:47 2024  
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 QLast Update : Wed Apr 03 23:34:03 2024  
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| Compound                    | R.T.   | Q   | Ion | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|--------|--------|----------|
| -----                       |        |     |     |          |        |        |          |
| Internal Standards          |        |     |     |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.644  | 152 |     | 2061     | 0.400  | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.419 | 136 |     | 6338     | 0.400  | ng/ul  | -0.02    |
| 9) Acenaphthene-d10         | 14.293 | 164 |     | 3510     | 0.400  | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 17.052 | 188 |     | 8343m    | 0.400  | ng/ul  | -0.02    |
| 17) Chrysene-d12            | 21.260 | 240 |     | 7689m    | 0.400  | ng/ul  | -0.01    |
| 23) Perylene-d12            | 23.487 | 264 |     | 7800m    | 0.400  | ng/ul  | -0.02    |
|                             |        |     |     |          |        |        |          |
| System Monitoring Compounds |        |     |     |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.213  | 96  |     | 11754    | 4.342  | ng/ul  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 12.024 | 152 |     | 2543     | 0.296  | ng/ul  | -0.03    |
| 18) Fluoranthene-d10        | 19.089 | 212 |     | 7794     | 0.401  | ng/ul  | -0.01    |
|                             |        |     |     |          |        |        |          |
| Target Compounds            |        |     |     |          |        |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.243  | 88  |     | 215673   | 83.102 | ng/ul# | 71       |
| -----                       |        |     |     |          |        |        |          |

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

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