

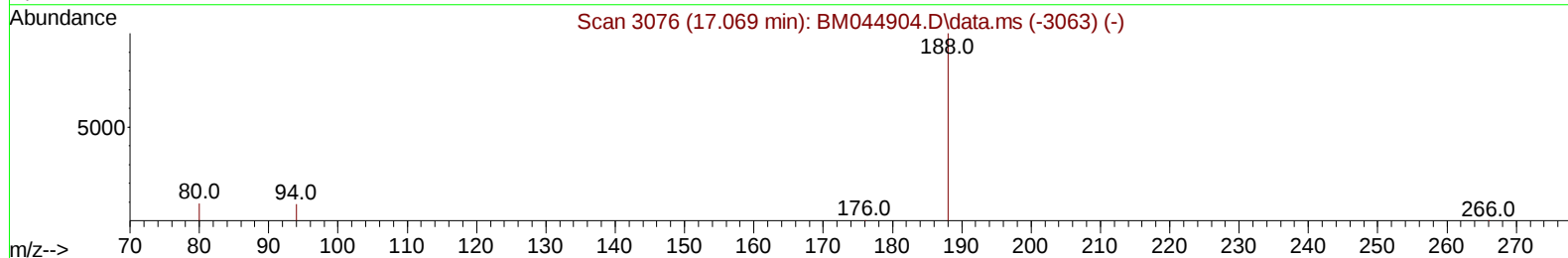
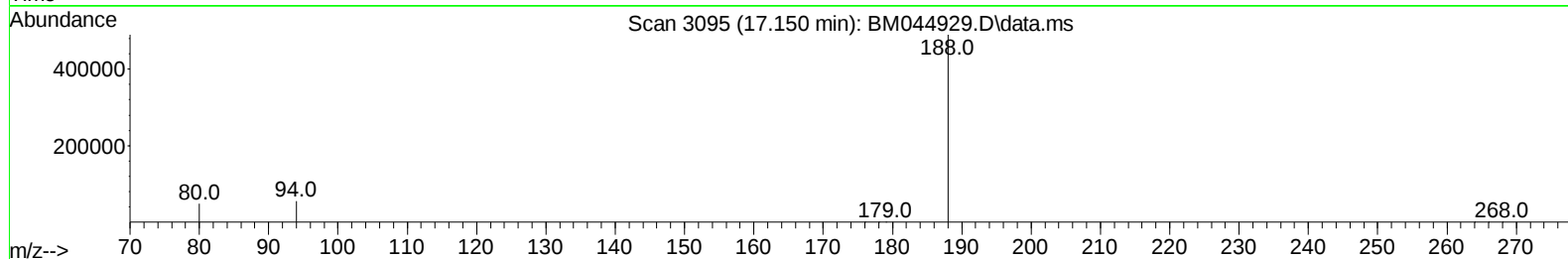
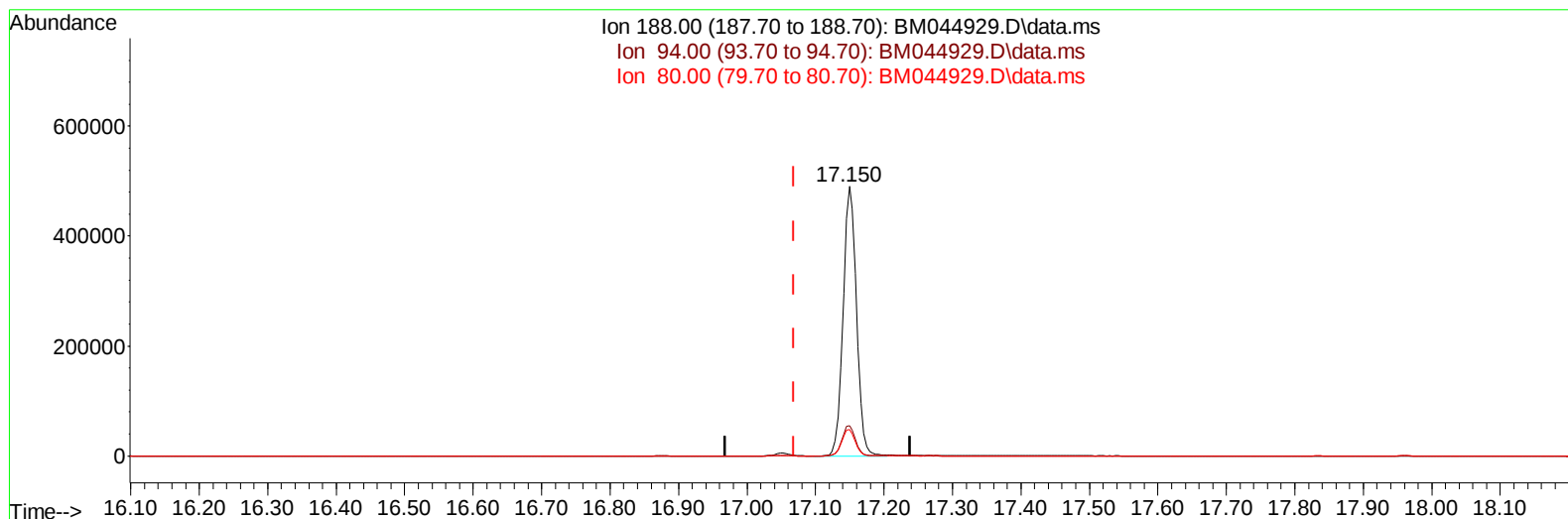
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040424\  
Data File : BM044929.D  
Acq On : 05 Apr 2024 00:27  
Operator : MA/JU  
Sample : P1948-17  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AK8

Manual IntegrationsAPPROVED

Quant Time: Apr 05 00:59:26 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: BM044929.D\data.ms

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

**17.150min (+ 0.081) 0.40 ng/u1**

**response 670091**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 11.00  | 11.31  |
| 80.00  | 11.80  | 9.82   |
| 0.00   | 0.00   | 0.00   |

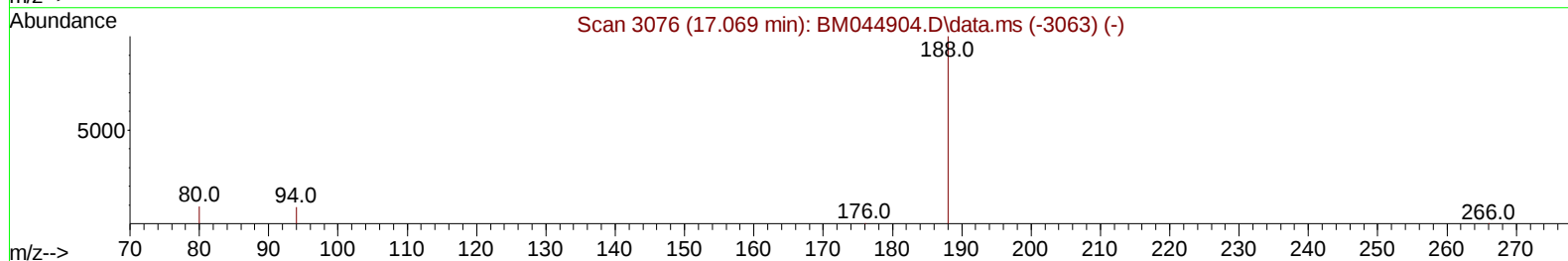
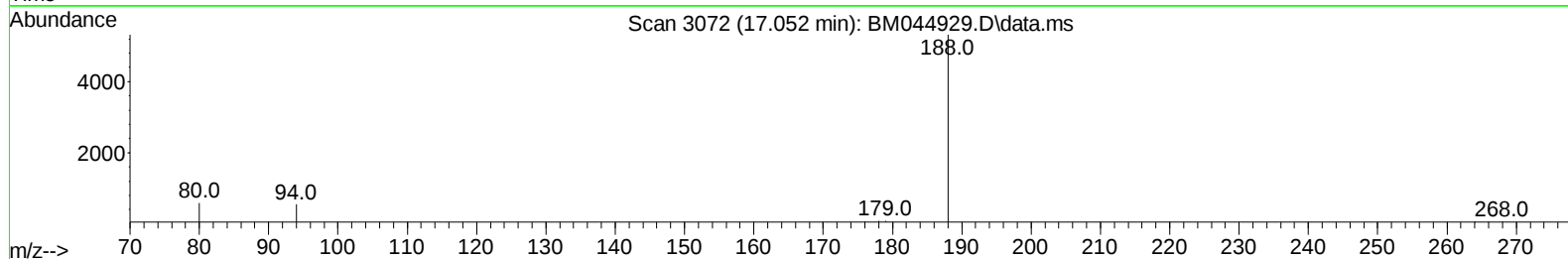
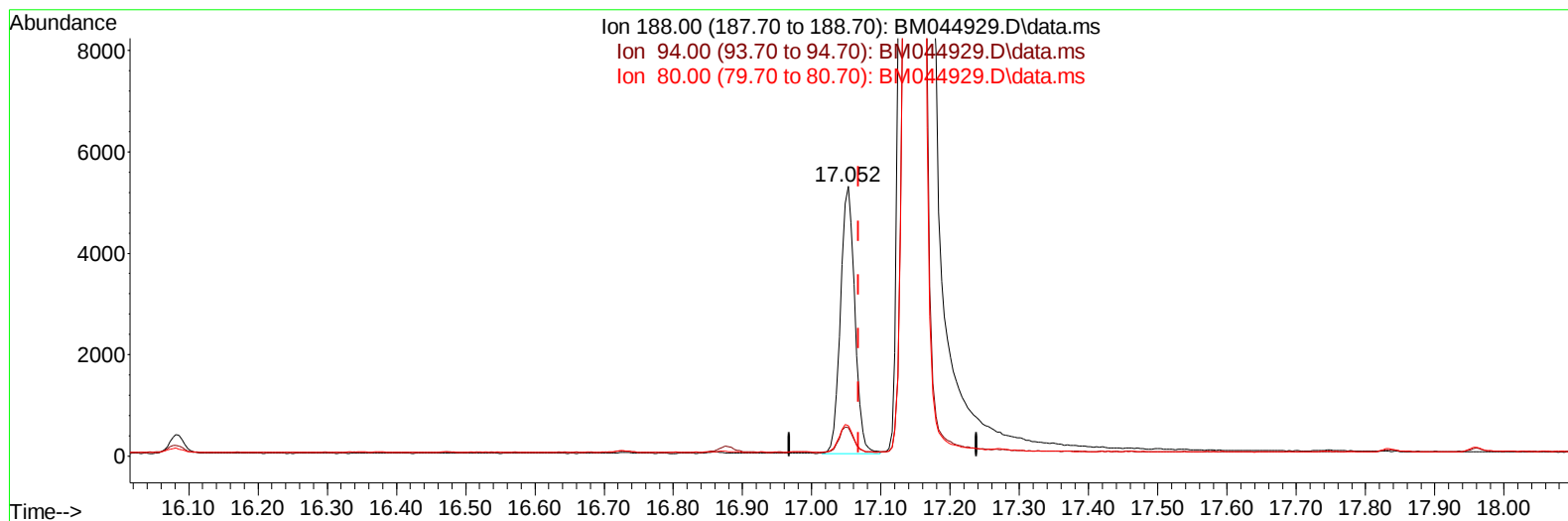
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TIC: BM044929.D\data.ms

(13) Phenanthrene-d10 (I)

17.052min (-0.016) 0.40 ng/ul m

response 7592

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 11.00  | 10.40  |
| 80.00  | 11.80  | 11.19  |
| 0.00   | 0.00   | 0.00   |

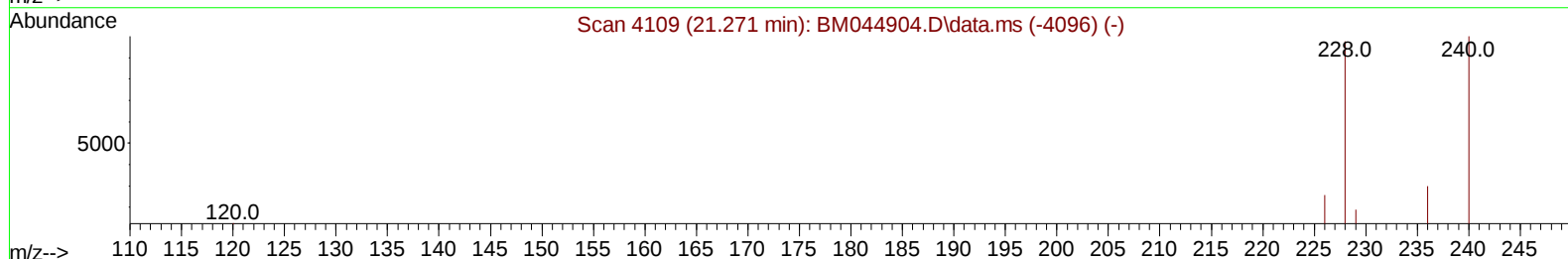
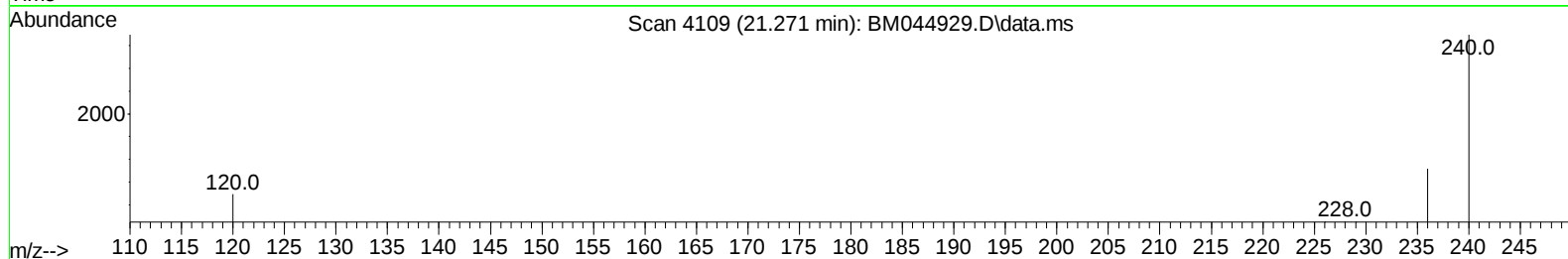
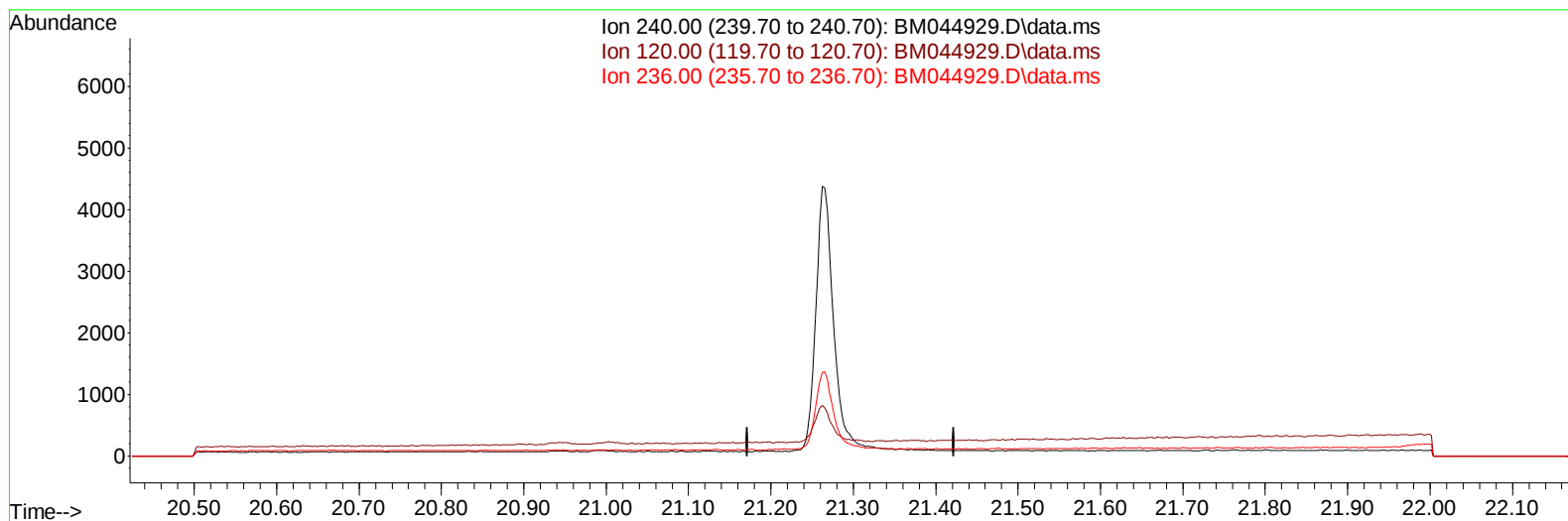
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040424\  
Data File : BM044929.D  
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Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AK8

Manual IntegrationsAPPROVED

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TIC: BM044929.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  |

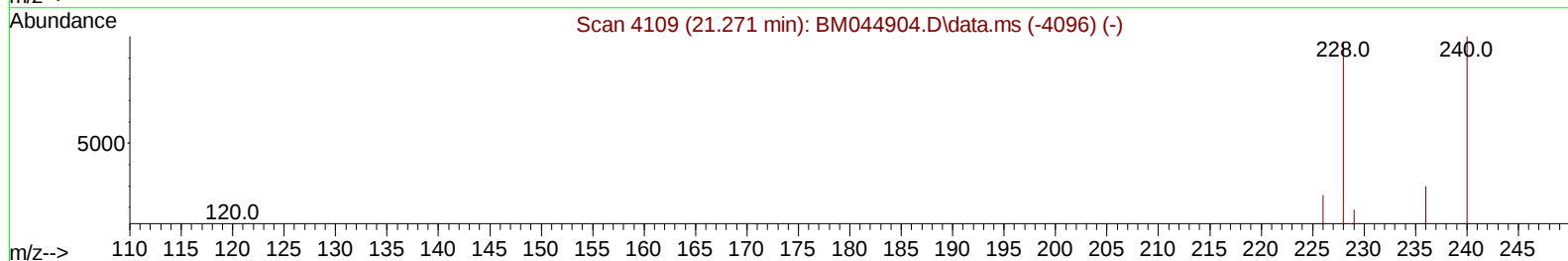
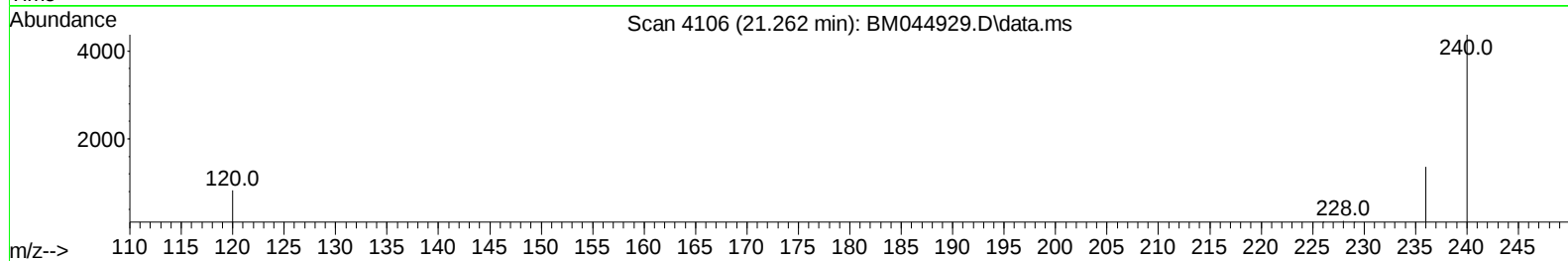
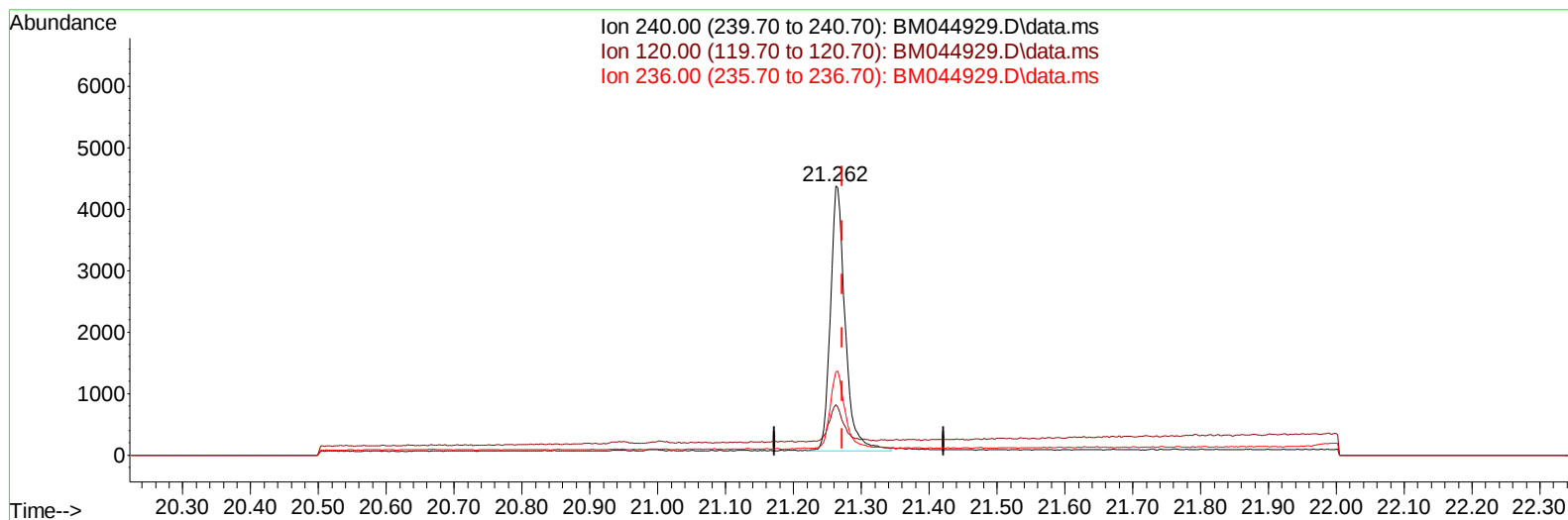
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Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BM044929.D\data.ms

(17) Chrysene-d12

21.262min (-0.010) 0.40 ng/ul m

response 6531

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 16.80  | 18.84  |
| 236.00 | 31.10  | 31.05  |
| 0.00   | 0.00   | 0.00   |

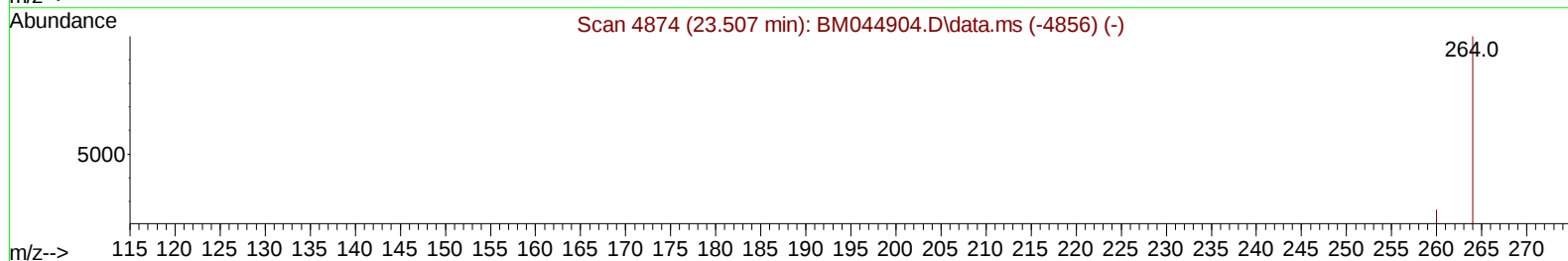
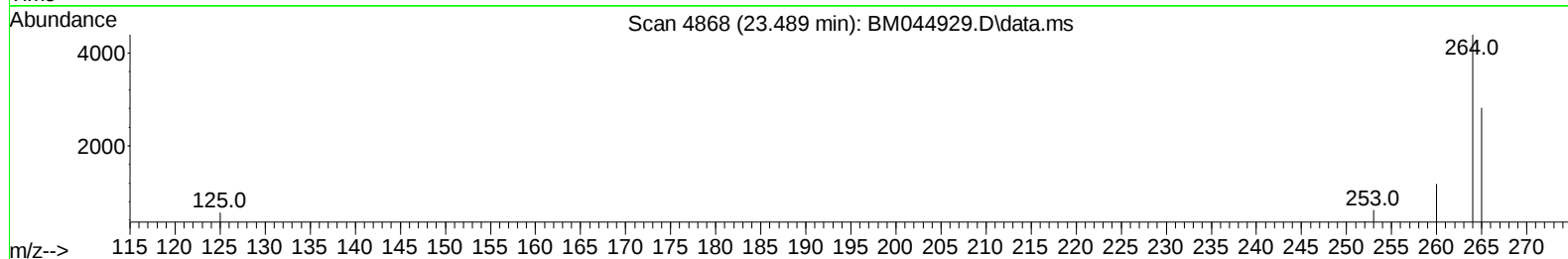
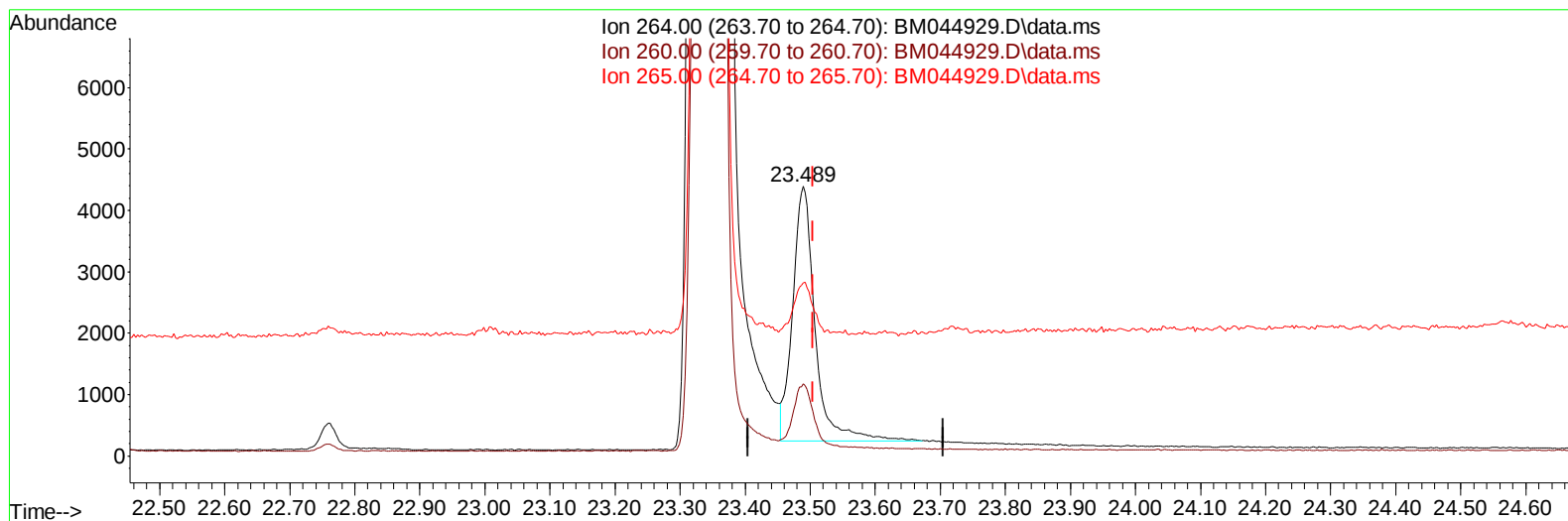
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040424\  
Data File : BM044929.D  
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Operator : MA/JU  
Sample : P1948-17  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AK8

Manual IntegrationsAPPROVED

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TIC: BM044929.D\data.ms

(23) Perylene-d12 (I)

23.489min (-0.015) 0.40 ng/u1

response 9928

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.60  | 26.79  |
| 265.00 | 70.40  | 64.21  |
| 0.00   | 0.00   | 0.00   |

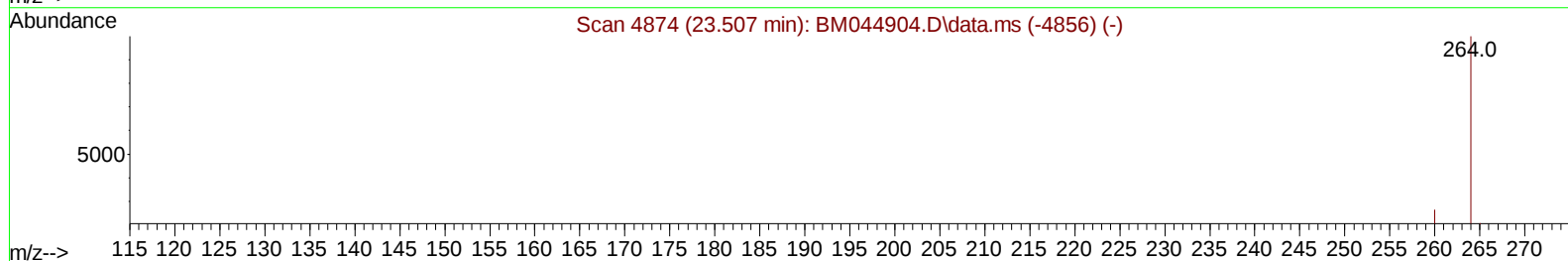
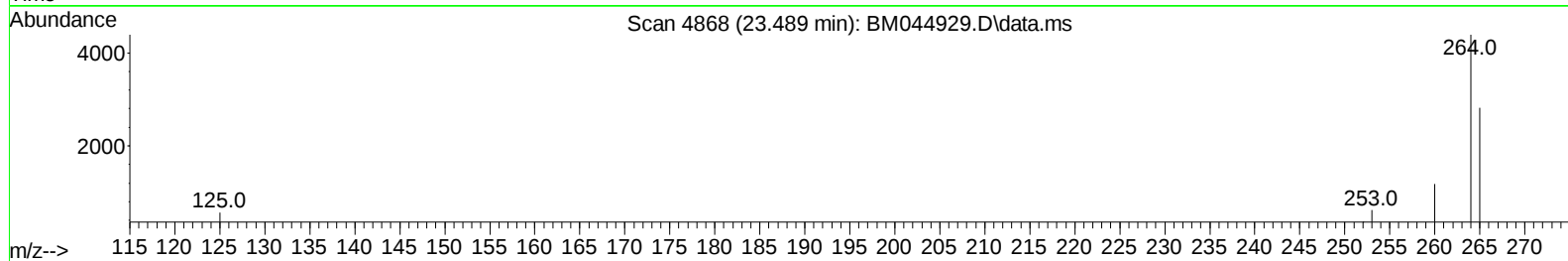
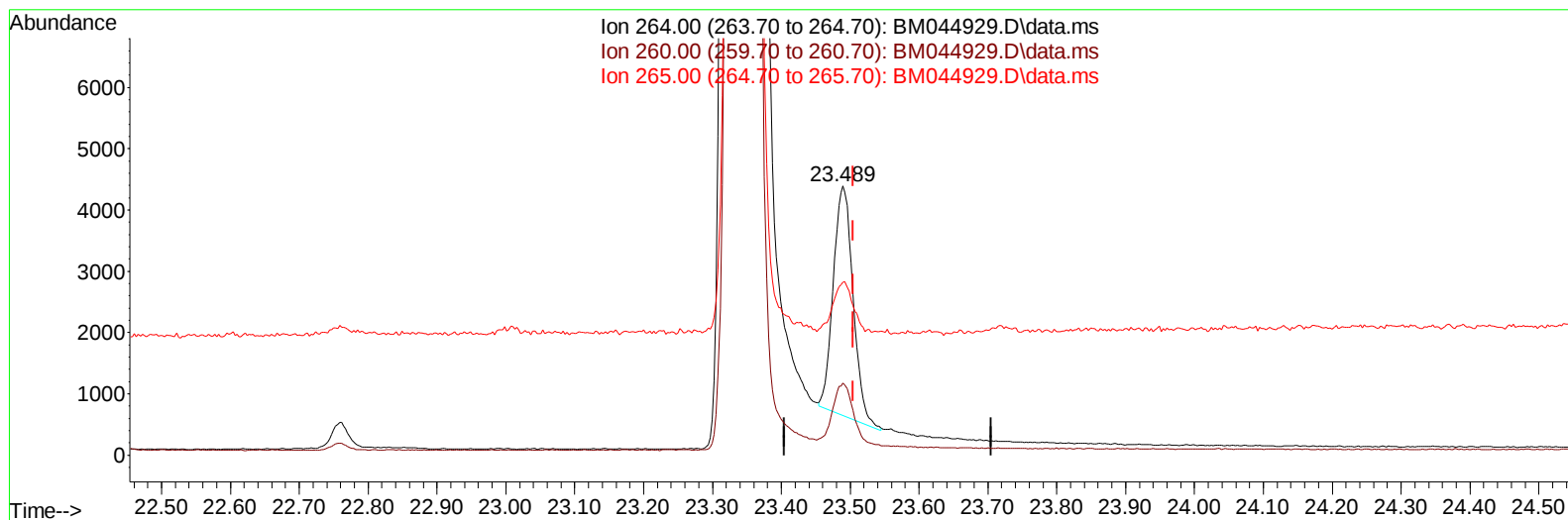
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 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_M  
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Manual IntegrationsAPPROVED

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TIC: BM044929.D\data.ms

(23) Perylene-d12 (I)

23.489min (-0.015) 0.40 ng/ul m

response 7400

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.60  | 26.79  |
| 265.00 | 70.40  | 64.21  |
| 0.00   | 0.00   | 0.00   |

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 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AK8

## Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 04/06/2024

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| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.648  | 152 |     | 2107     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.419 | 136 |     | 6339     | 0.400 | ng/ul  | -0.02    |
| 9) Acenaphthene-d10         | 14.294 | 164 |     | 3390     | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 17.052 | 188 |     | 7592m    | 0.400 | ng/ul  | -0.02    |
| 17) Chrysene-d12            | 21.262 | 240 |     | 6531m    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.489 | 264 |     | 7400m    | 0.400 | ng/ul  | -0.02    |
|                             |        |     |     |          |       |        |          |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.218  | 96  |     | 11667    | 4.215 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.024 | 152 |     | 2898     | 0.337 | ng/ul  | -0.03    |
| 18) Fluoranthene-d10        | 19.090 | 212 |     | 7310     | 0.443 | ng/ul  | -0.01    |
|                             |        |     |     |          |       |        |          |
| Target Compounds            |        |     |     |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.251  | 88  |     | 6133     | 2.312 | ng/ul# | 82       |
| -----                       |        |     |     |          |       |        |          |

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

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