

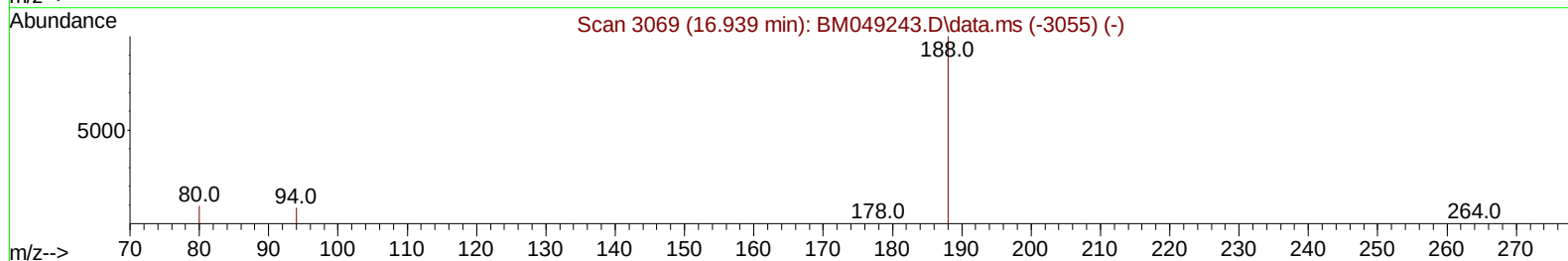
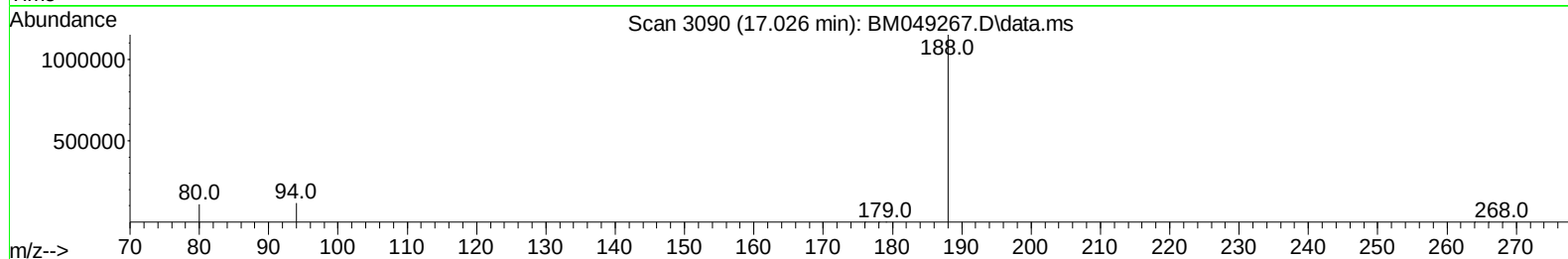
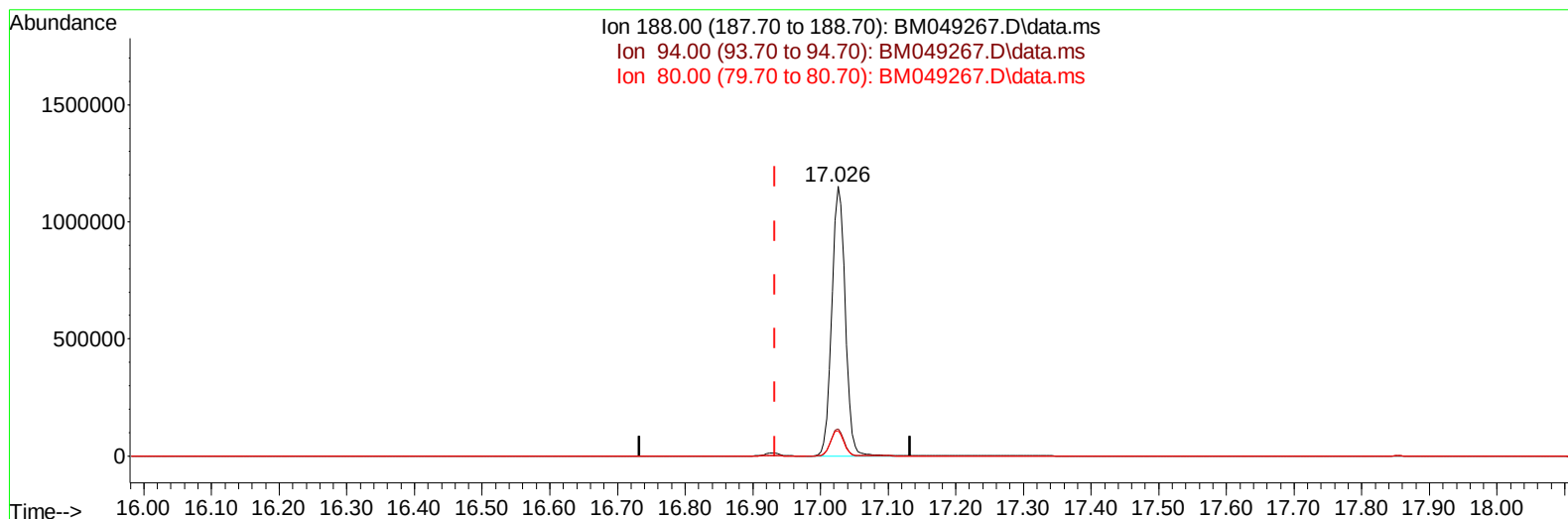
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122724\  
Data File : BM049267.D  
Acq On : 27 Dec 2024 23:01  
Operator : RC/JU  
Sample : P5324-22  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
YE646

Manual IntegrationsAPPROVED

Quant Time: Dec 28 01:20:29 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM121824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 26 11:35:38 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/30/2024  
Supervised By :mohammad ahmed 12/30/2024



TIC: BM049267.D\data.ms

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

**17.026min (+ 0.093) 0.40 ng/u1**

**response 1586868**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 9.80   | 10.14  |
| 80.00  | 10.70  | 9.39   |
| 0.00   | 0.00   | 0.00   |

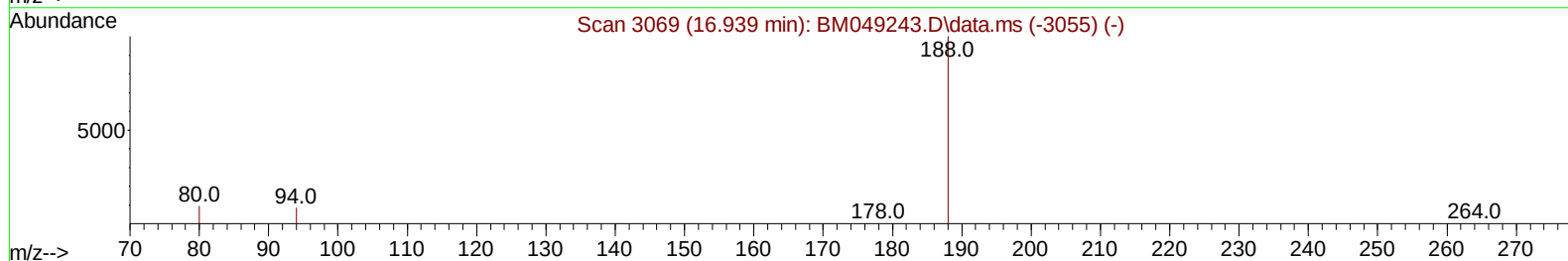
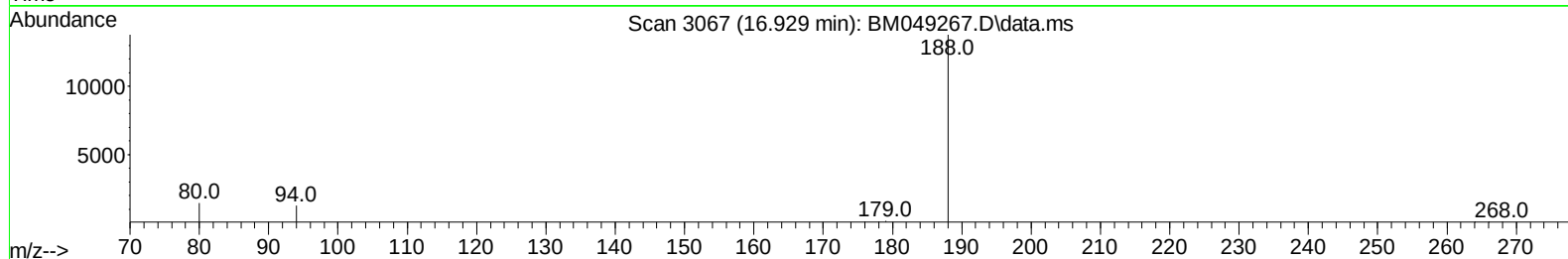
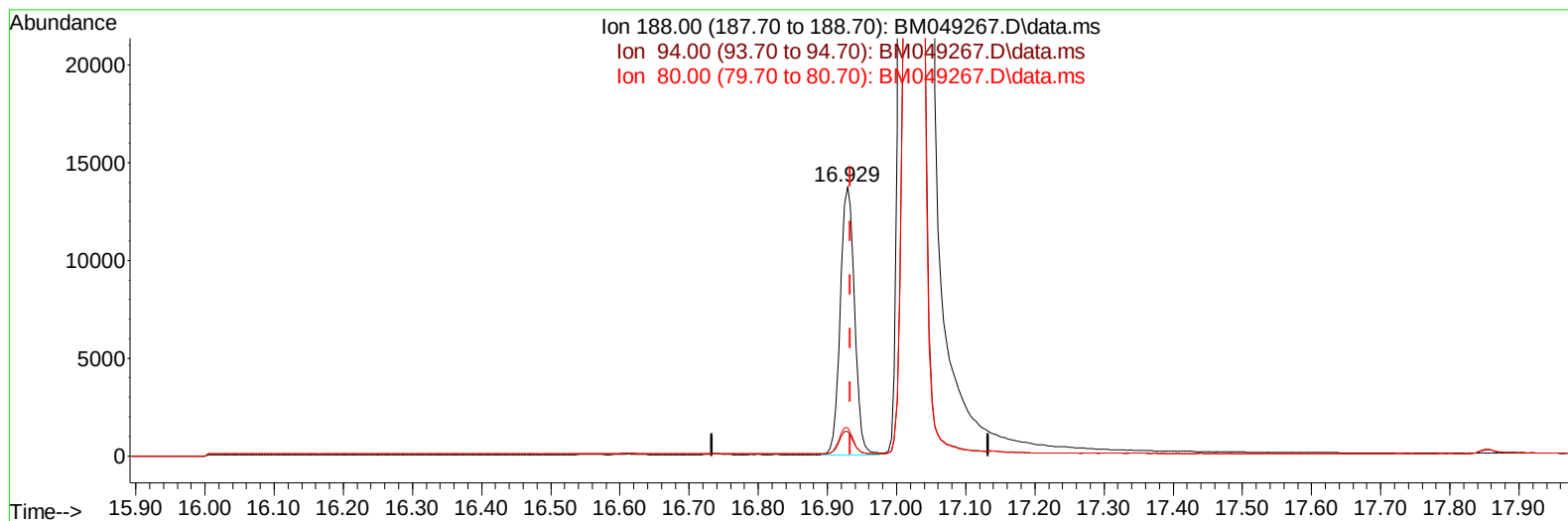
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TIC: BM049267.D\data.ms

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

**16.929min (-0.004) 0.40 ng/ul m**

**response 19683**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 9.80   | 9.17   |
| 80.00  | 10.70  | 10.44  |
| 0.00   | 0.00   | 0.00   |

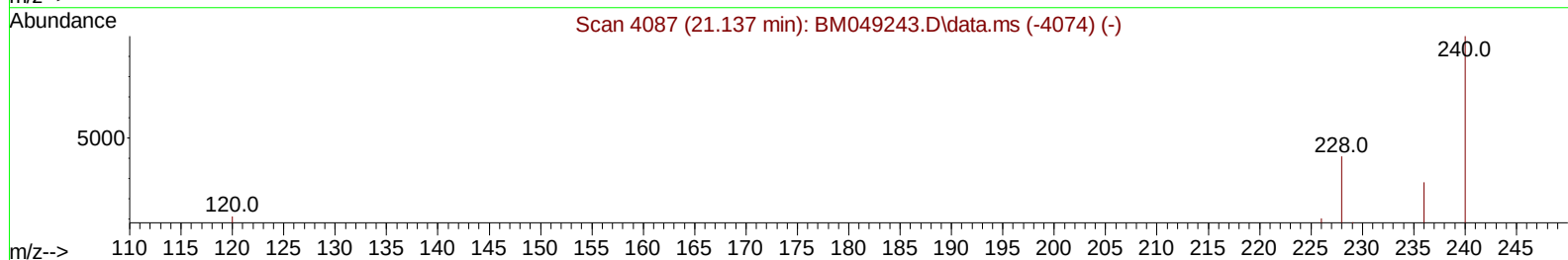
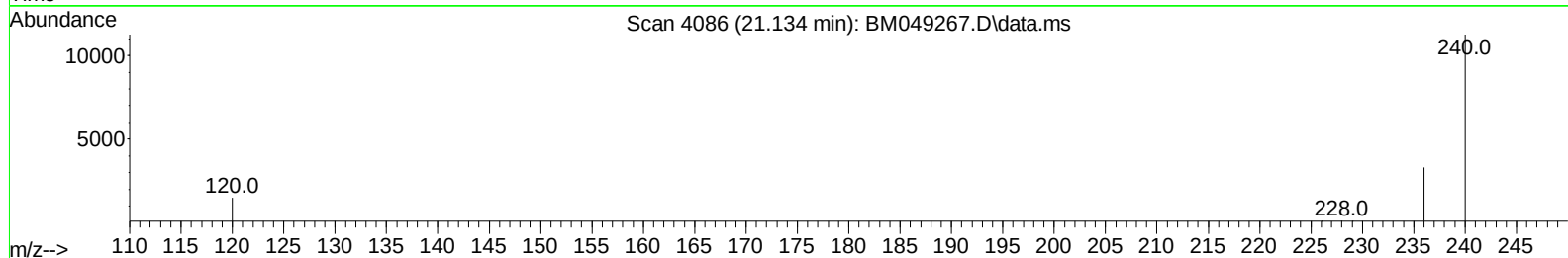
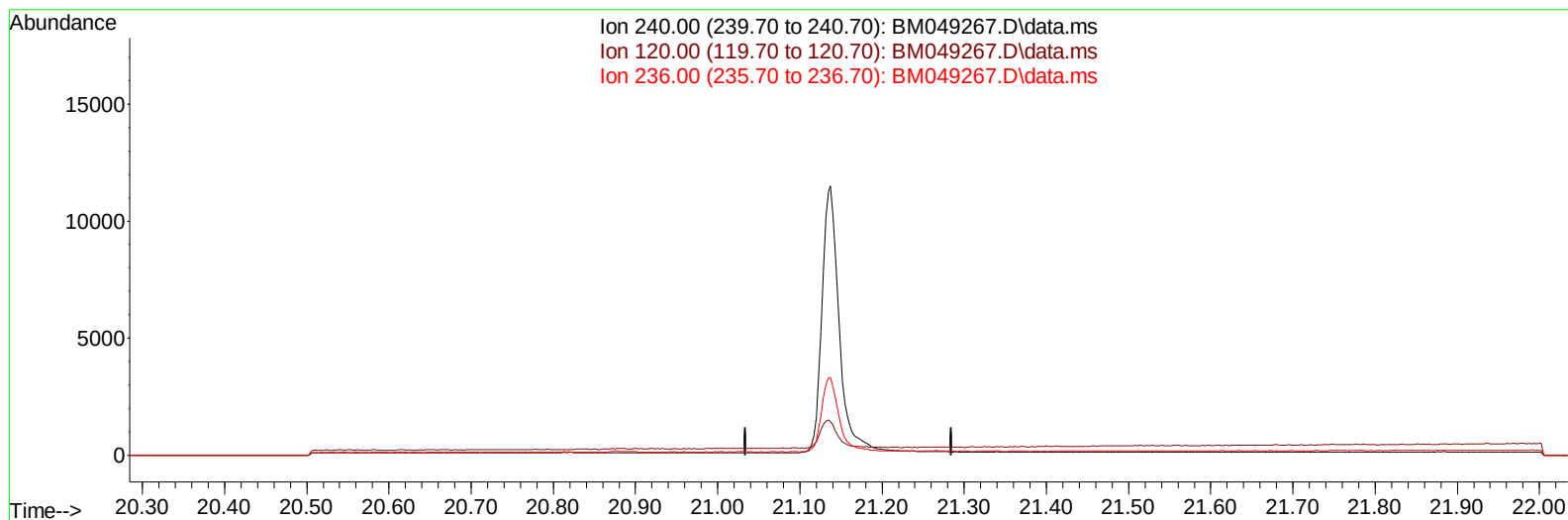
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122724\  
Data File : BM049267.D  
Acq On : 27 Dec 2024 23:01  
Operator : RC/JU  
Sample : P5324-22  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
YE646

Manual IntegrationsAPPROVED

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(17) Chrysene-d12

21.134min (-21.134) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 240.00 | 100.00 | 0.00  |
| 120.00 | 14.50  | 0.00# |
| 236.00 | 29.80  | 0.00# |
| 0.00   | 0.00   | 0.00  |

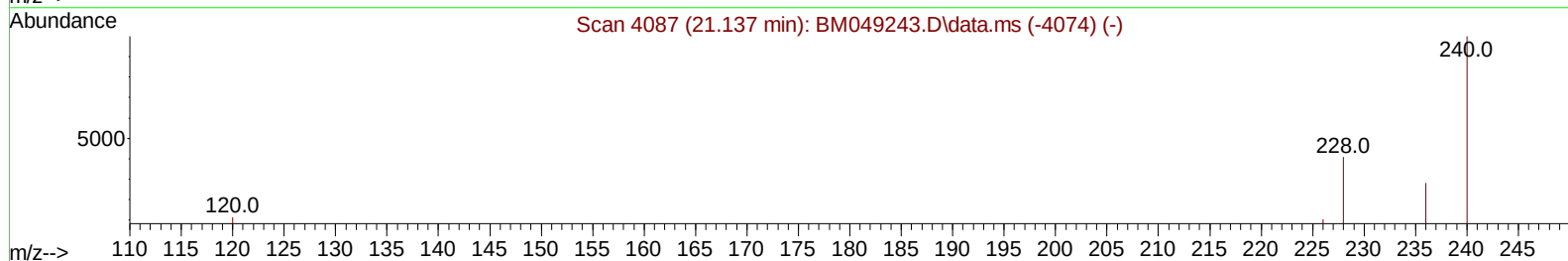
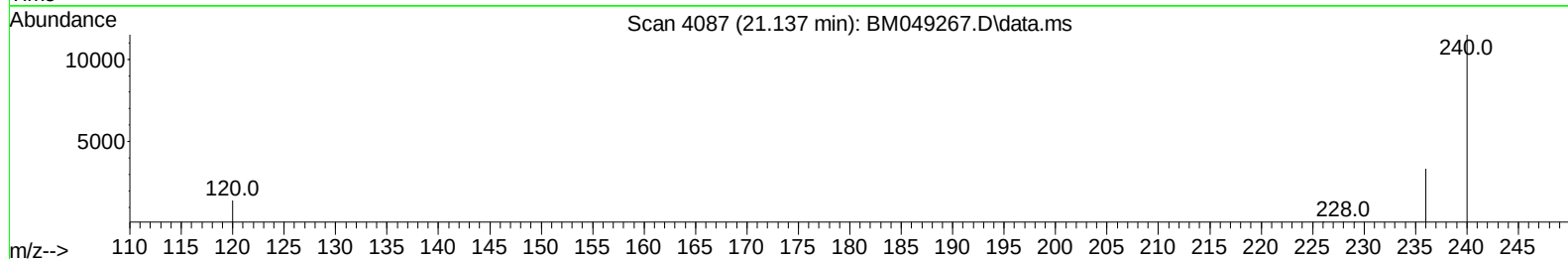
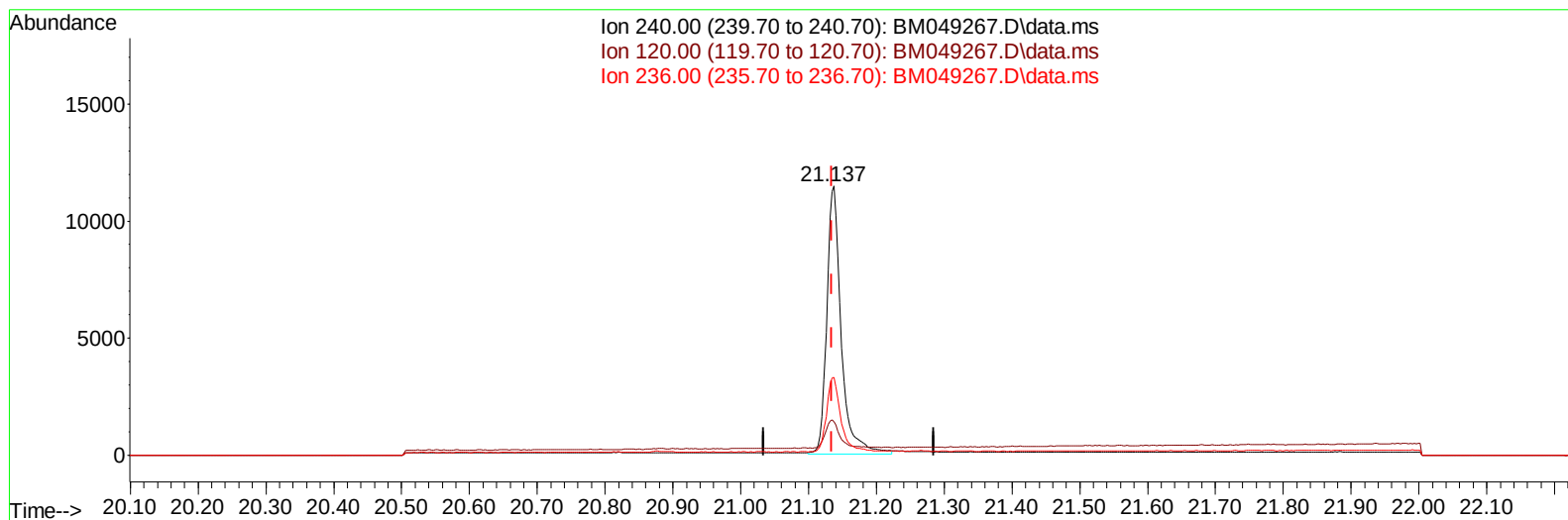
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122724\  
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Operator : RC/JU  
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Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_M  
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Manual IntegrationsAPPROVED

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TIC: BM049267.D\data.ms

(17) Chrysene-d12

21.137min (+ 0.003) 0.40 ng/ul m

response 17020

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 14.50  | 12.29  |
| 236.00 | 29.80  | 28.94  |
| 0.00   | 0.00   | 0.00   |

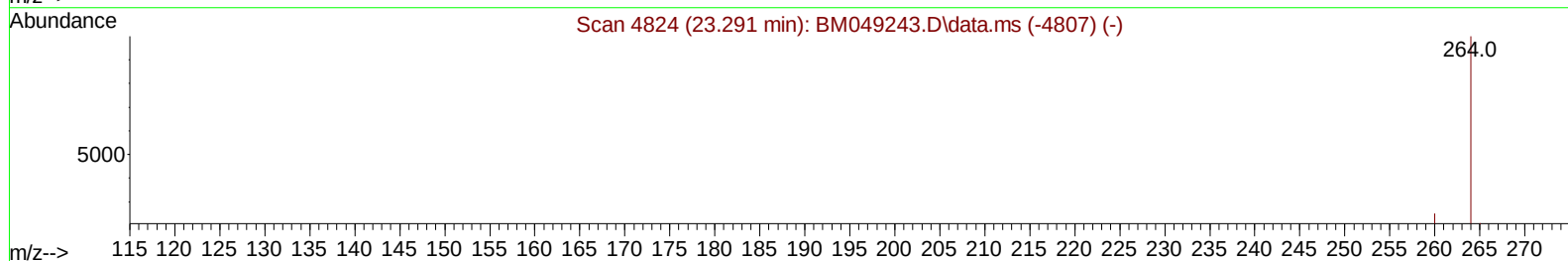
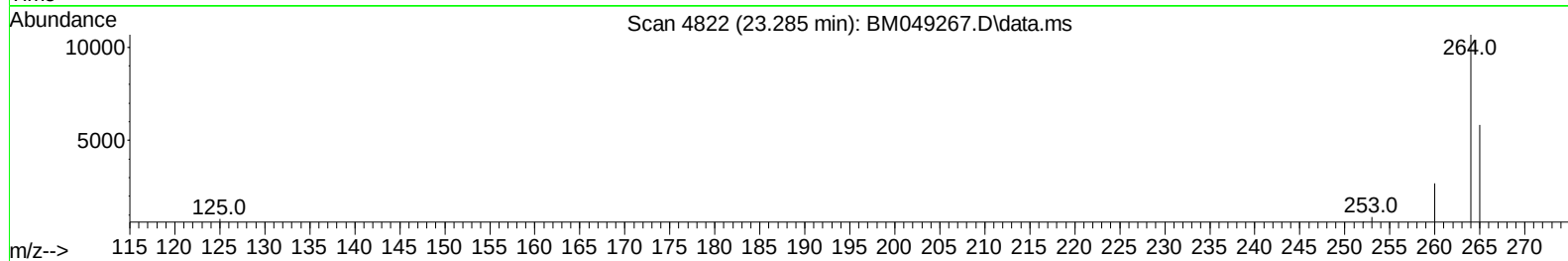
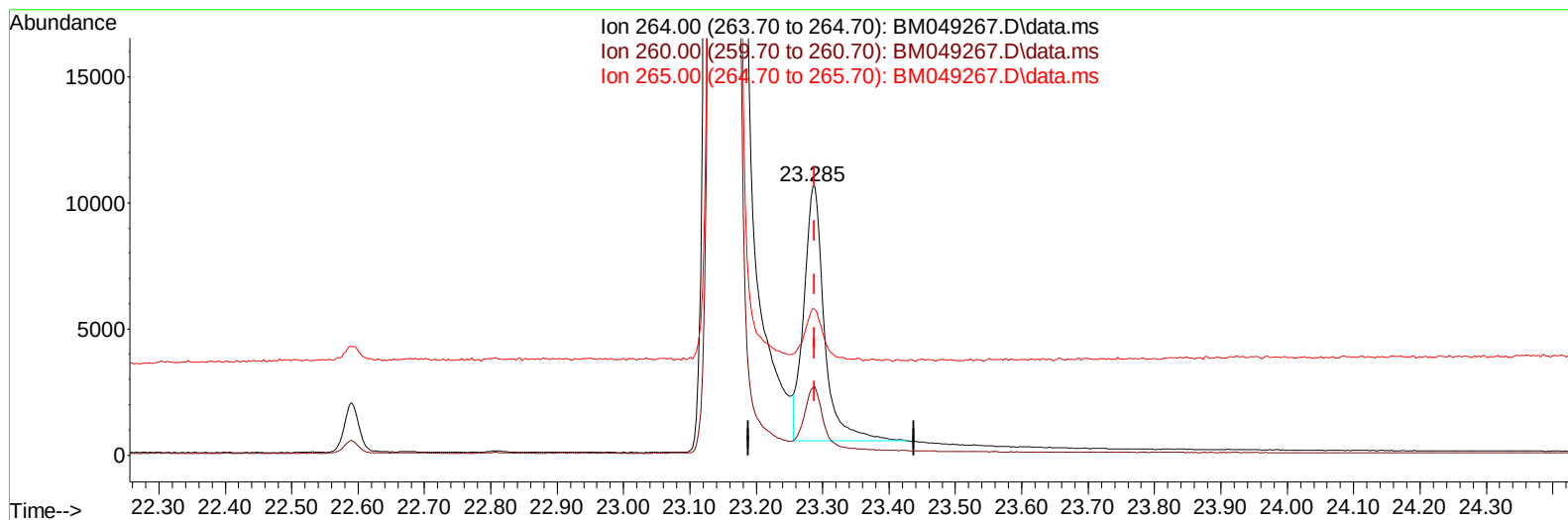
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122724\  
Data File : BM049267.D  
Acq On : 27 Dec 2024 23:01  
Operator : RC/JU  
Sample : P5324-22  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
YE646

## Manual IntegrationsAPPROVED

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QLast Update : Thu Dec 26 11:35:38 2024  
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TIC: BM049267.D\data.ms

## (23) Perylene-d12 (I)

23.285min (-0.003) 0.40 ng/u1

response 21837

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 25.80  | 25.10  |
| 265.00 | 78.30  | 54.53# |
| 0.00   | 0.00   | 0.00   |

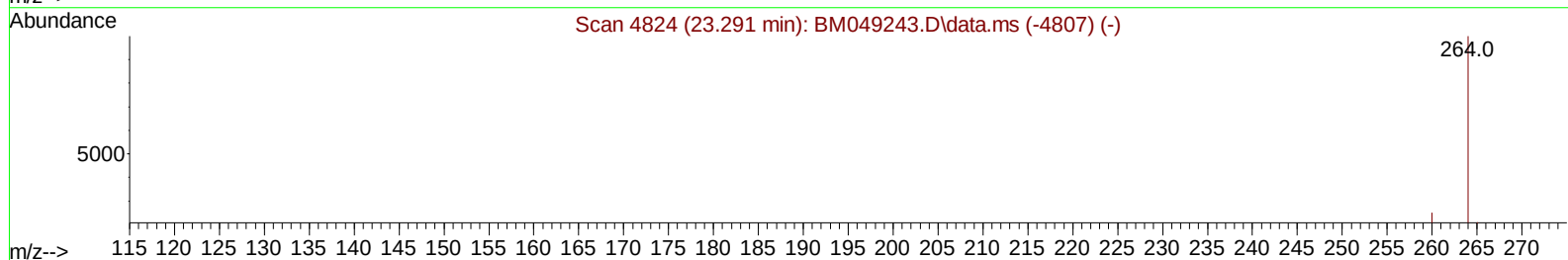
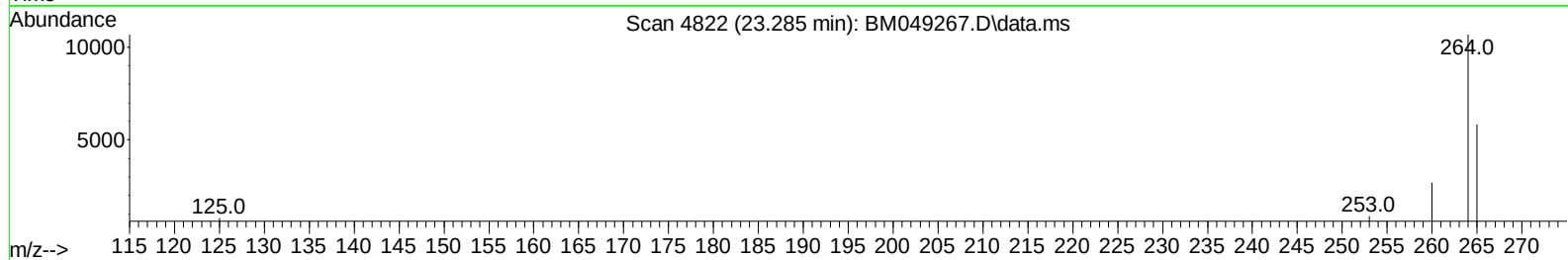
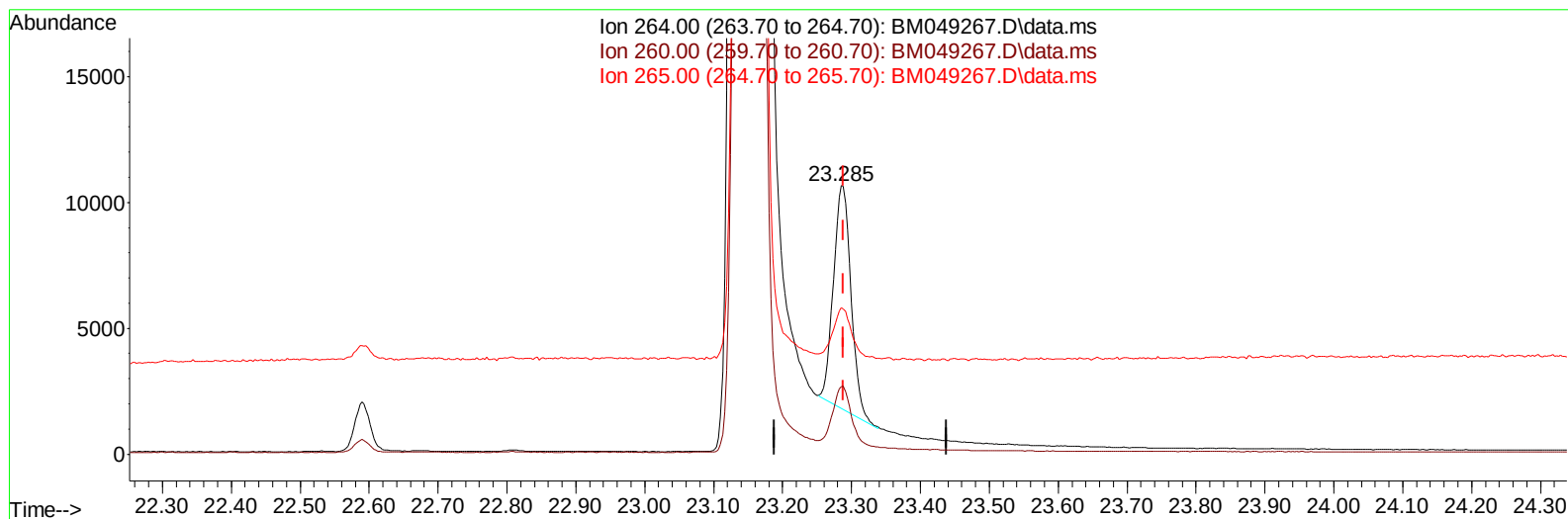
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122724\  
Data File : BM049267.D  
Acq On : 27 Dec 2024 23:01  
Operator : RC/JU  
Sample : P5324-22  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
YE646

## Manual IntegrationsAPPROVED

Quant Time: Dec 28 01:20:29 2024  
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Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/30/2024  
Supervised By :mohammad ahmed 12/30/2024



TIC: BM049267.D\data.ms

## (23) Perylene-d12 (I)

23.285min (-0.003) 0.40 ng/ul m

response 15633

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 25.80  | 25.10  |
| 265.00 | 78.30  | 54.53# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122724\  
 Data File : BM049267.D  
 Acq On : 27 Dec 2024 23:01  
 Operator : RC/JU  
 Sample : P5324-22  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YE646

## Manual IntegrationsAPPROVED

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| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.539  | 152  | 4499     | 0.400 | ng/ul | 0.00     |
| 4) Naphthalene-d8           | 10.303 | 136  | 14133    | 0.400 | ng/ul | 0.00     |
| 9) Acenaphthene-d10         | 14.177 | 164  | 8347     | 0.400 | ng/ul | 0.00     |
| 13) Phenanthrene-d10        | 16.929 | 188  | 19683m   | 0.400 | ng/ul | 0.00     |
| 17) Chrysene-d12            | 21.137 | 240  | 17020m   | 0.400 | ng/ul | 0.00     |
| 23) Perylene-d12            | 23.285 | 264  | 15633m   | 0.400 | ng/ul | 0.00     |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 3) 1,4-Dioxane-d8           | 3.139  | 96   | 32287    | 6.223 | ng/ul | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.903 | 152  | 7240     | 0.381 | ng/ul | 0.00     |
| 18) Fluoranthene-d10        | 18.964 | 212  | 17906    | 0.371 | ng/ul | 0.00     |

Target Compounds Qvalue

-----

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

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