

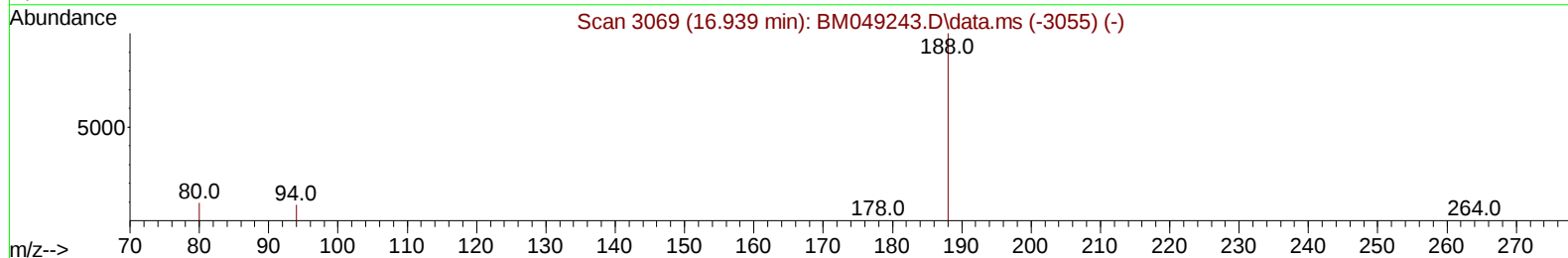
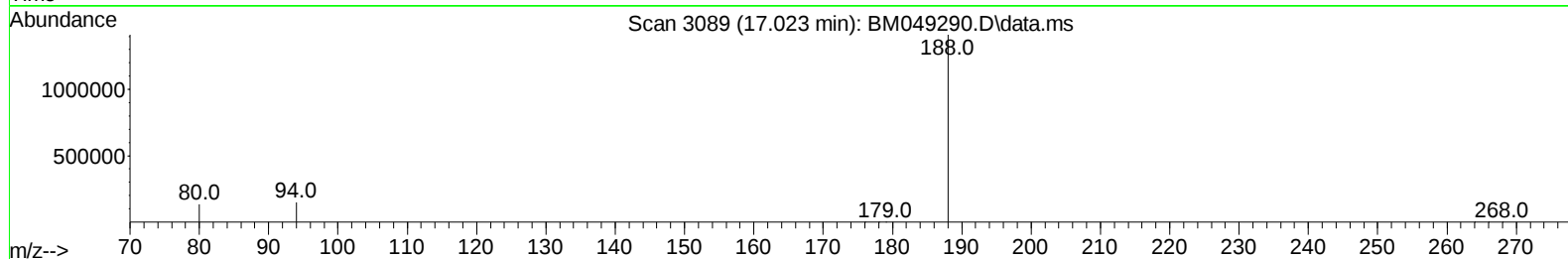
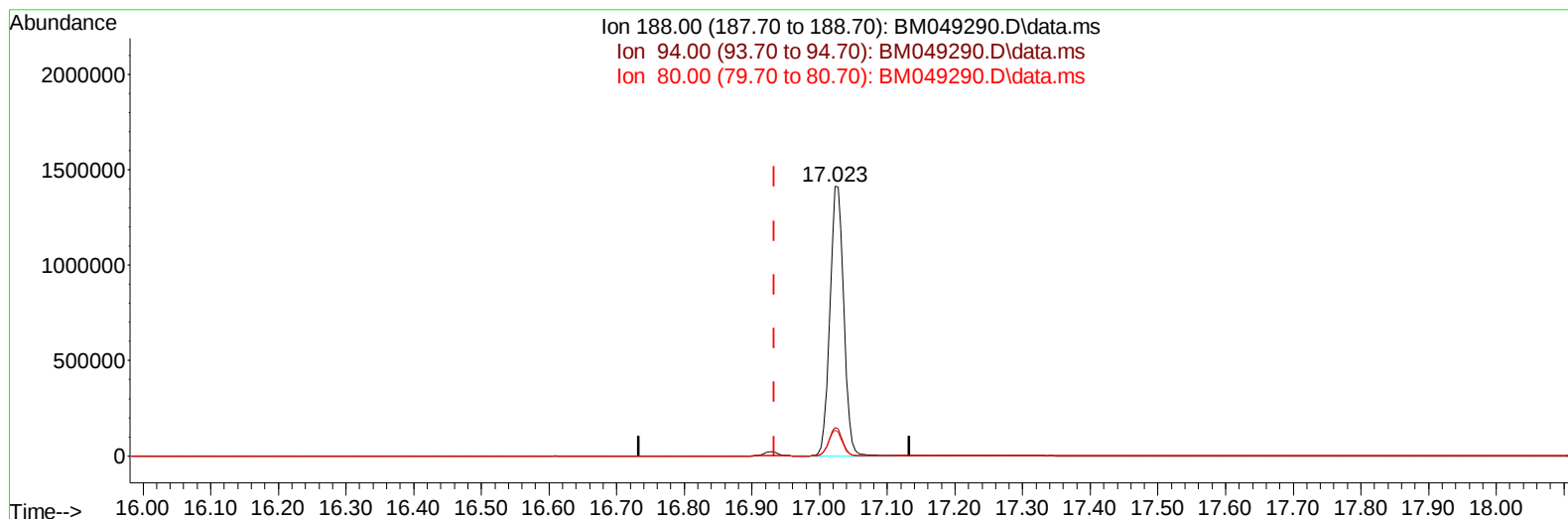
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122724\  
Data File : BM049290.D  
Acq On : 28 Dec 2024 13:20  
Operator : RC/JU  
Sample : P5324-14  
Misc :  
ALS Vial : 51 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
YE601

Manual IntegrationsAPPROVED

Quant Time: Dec 29 21:57:25 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: BM049290.D\data.ms

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

**17.023min (+ 0.090) 0.40 ng/u1**

**response 2004884**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 9.80   | 10.59  |
| 80.00  | 10.70  | 9.65   |
| 0.00   | 0.00   | 0.00   |

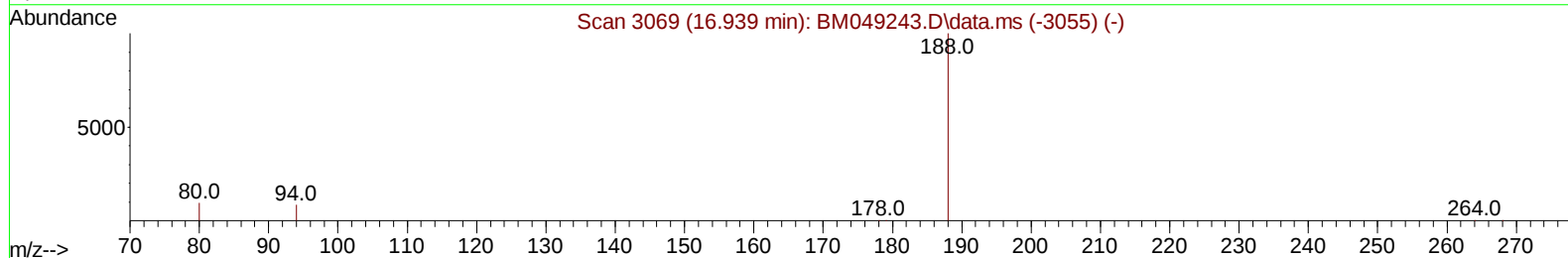
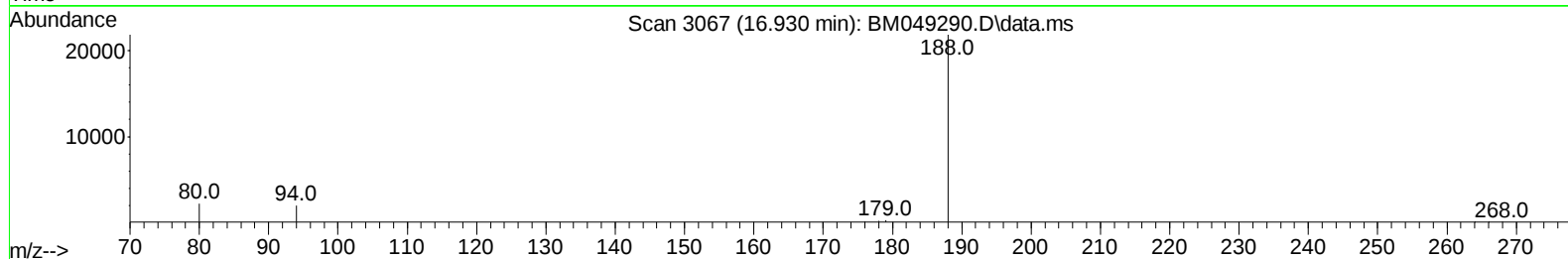
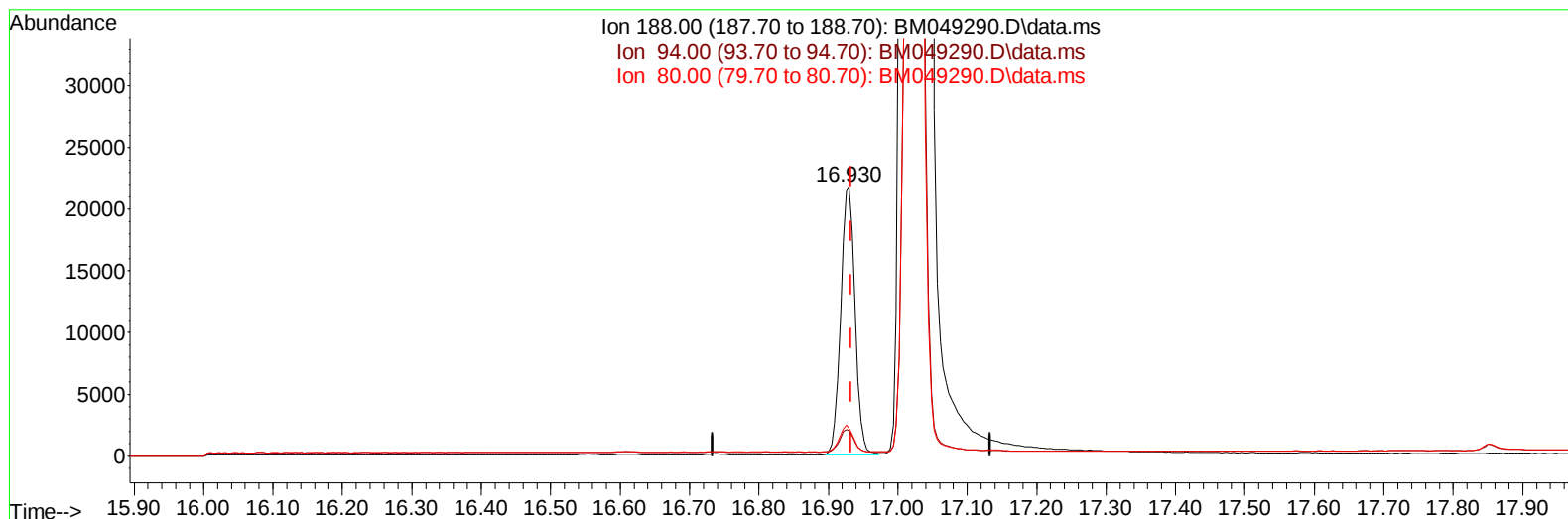
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122724\  
Data File : BM049290.D  
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/30/2024



TIC: BM049290.D\data.ms

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

**16.930min (-0.003) 0.40 ng/u1 m**

**response 30895**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 9.80   | 9.24   |
| 80.00  | 10.70  | 10.17  |
| 0.00   | 0.00   | 0.00   |

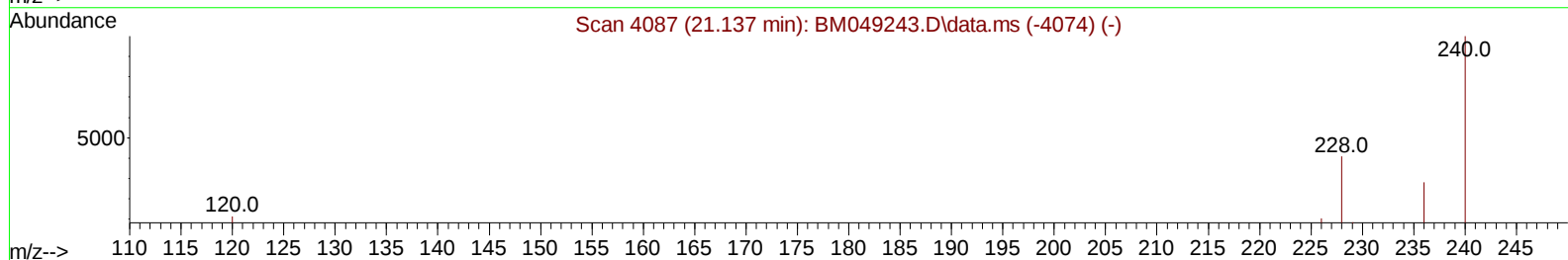
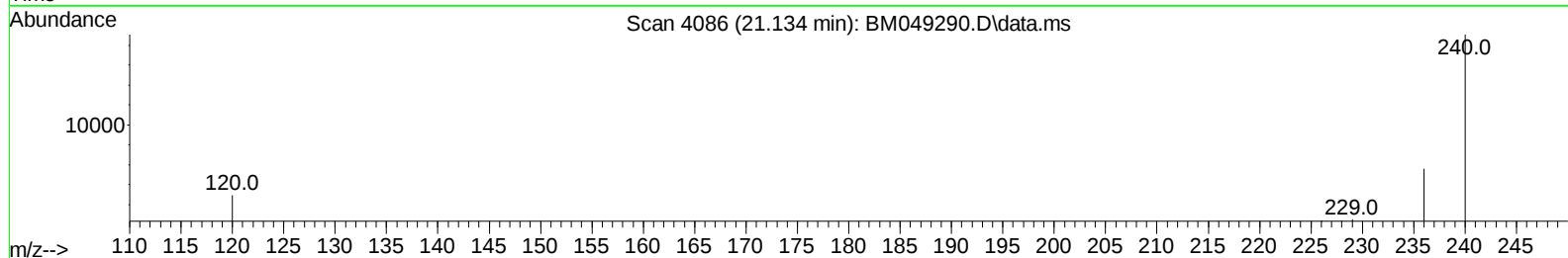
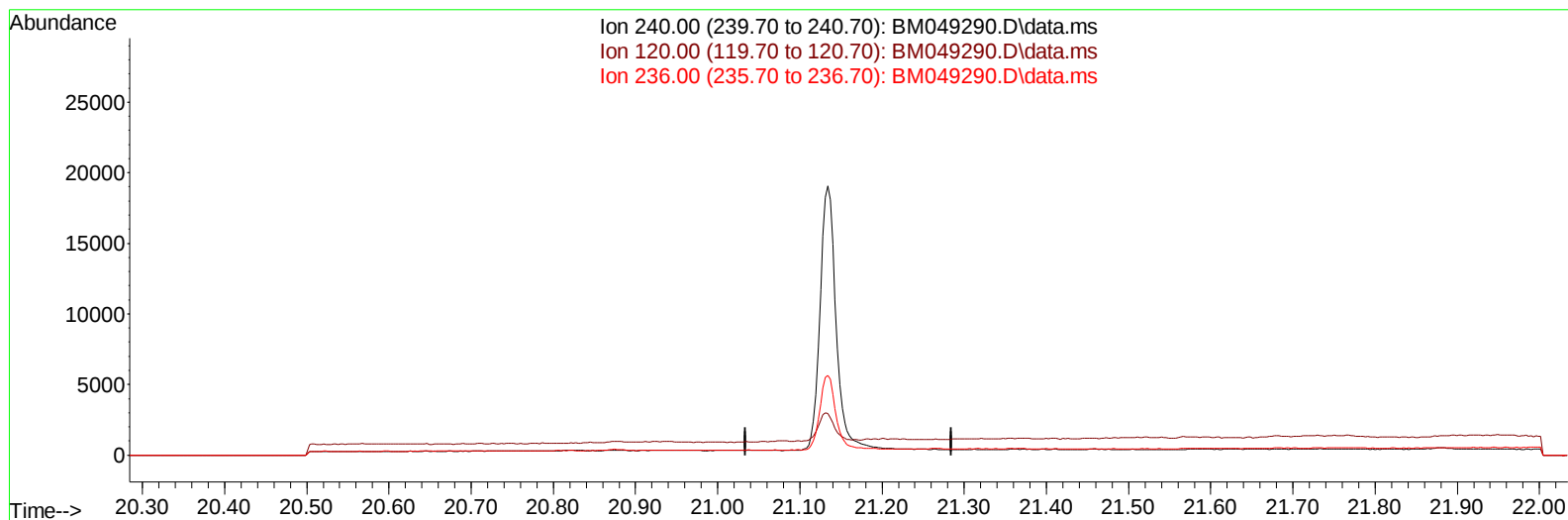
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122724\  
Data File : BM049290.D  
Acq On : 28 Dec 2024 13:20  
Operator : RC/JU  
Sample : P5324-14  
Misc :  
ALS Vial : 51 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
YE601

## Manual IntegrationsAPPROVED

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

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TIC: BM049290.D\data.ms

## (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  |

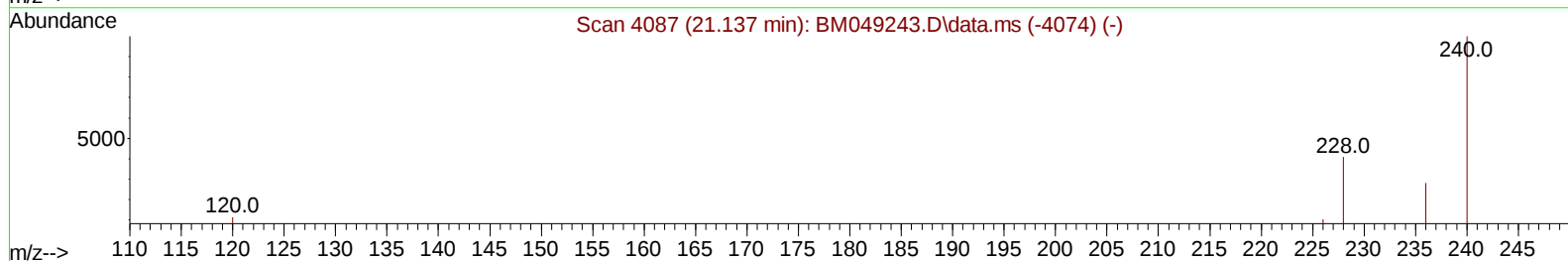
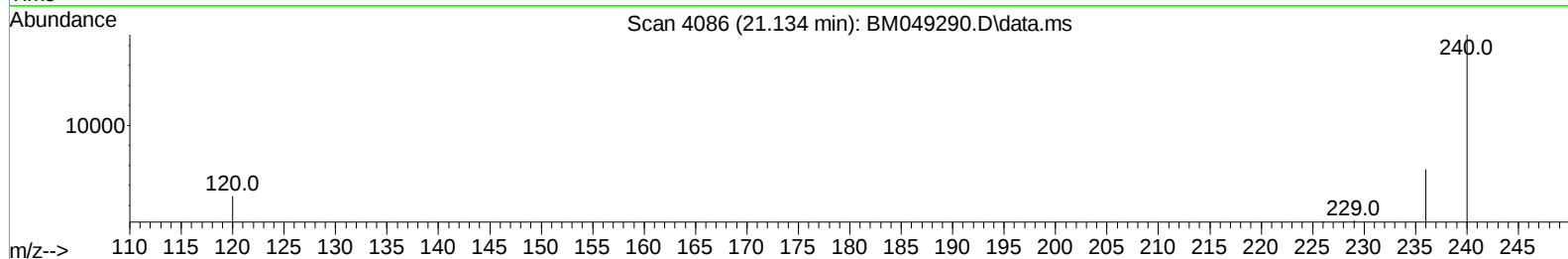
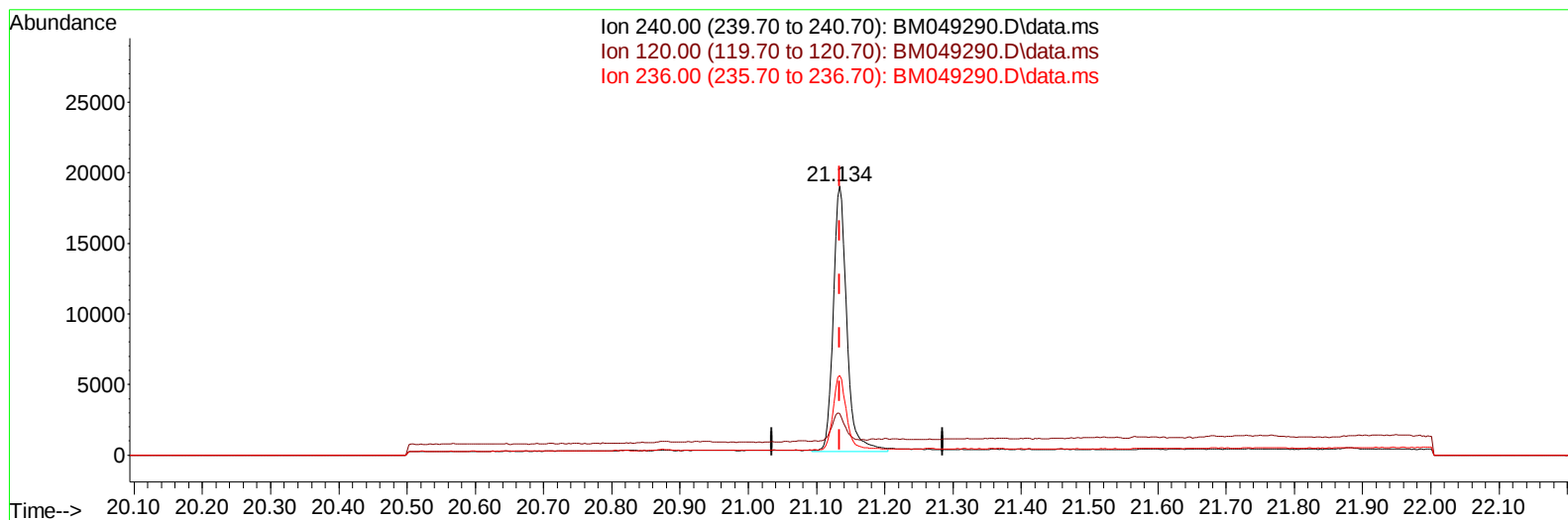
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122724\  
Data File : BM049290.D  
Acq On : 28 Dec 2024 13:20  
Operator : RC/JU  
Sample : P5324-14  
Misc :  
ALS Vial : 51 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
YE601

## Manual IntegrationsAPPROVED

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

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TIC: BM049290.D\data.ms

## (17) Chrysene-d12

21.134min (-0.000) 0.40 ng/ul m

response 26024

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 14.50  | 15.57  |
| 236.00 | 29.80  | 29.63  |
| 0.00   | 0.00   | 0.00   |

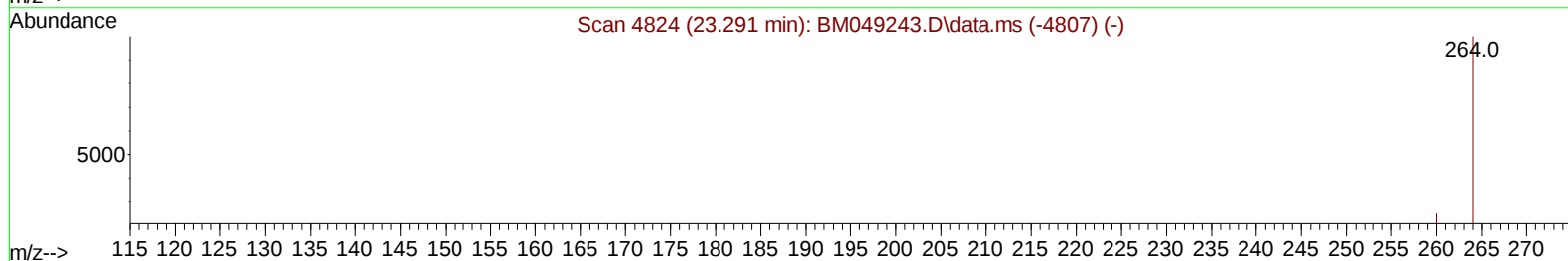
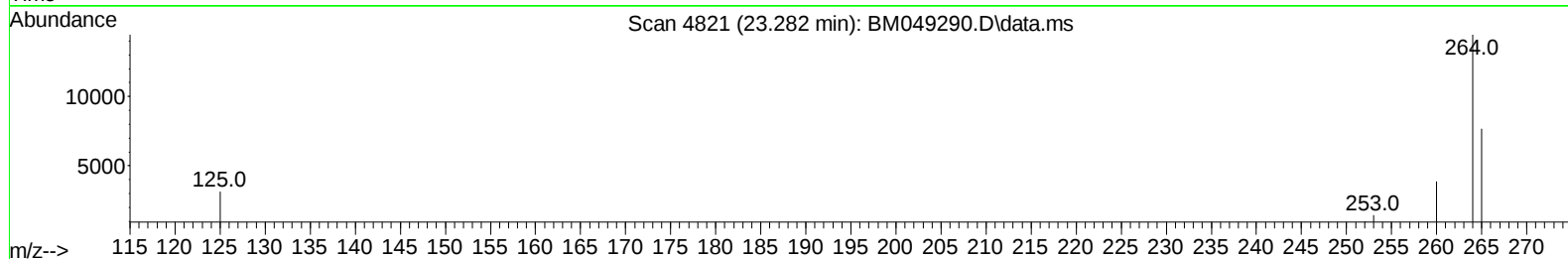
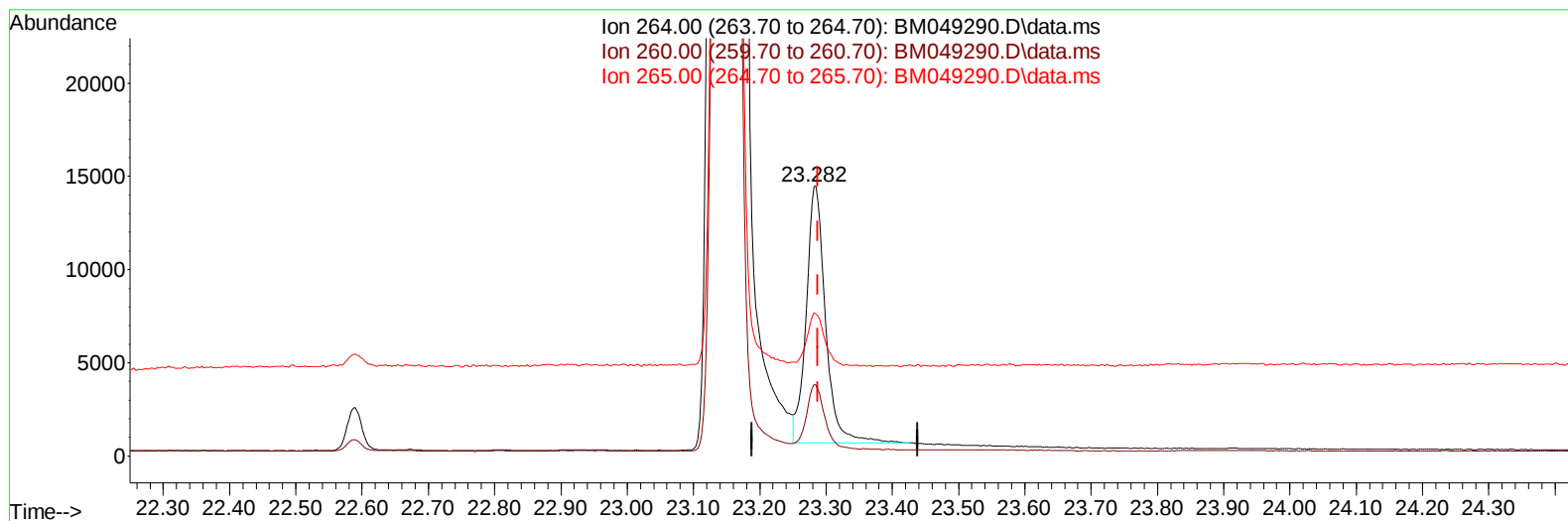
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122724\  
Data File : BM049290.D  
Acq On : 28 Dec 2024 13:20  
Operator : RC/JU  
Sample : P5324-14  
Misc :  
ALS Vial : 51 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
YE601

Manual IntegrationsAPPROVED

Quant Time: Dec 29 21:57:25 2024  
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Supervised By :mohammad ahmed 12/30/2024



TIC: BM049290.D\data.ms

(23) Perylene-d12 (I)

23.282min (-0.006) 0.40 ng/u1

response 28265

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 25.80  | 26.62  |
| 265.00 | 78.30  | 53.08# |
| 0.00   | 0.00   | 0.00   |

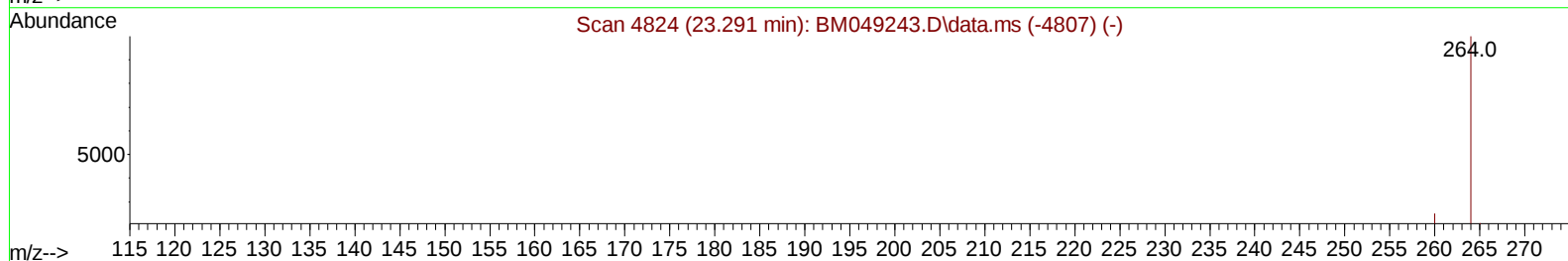
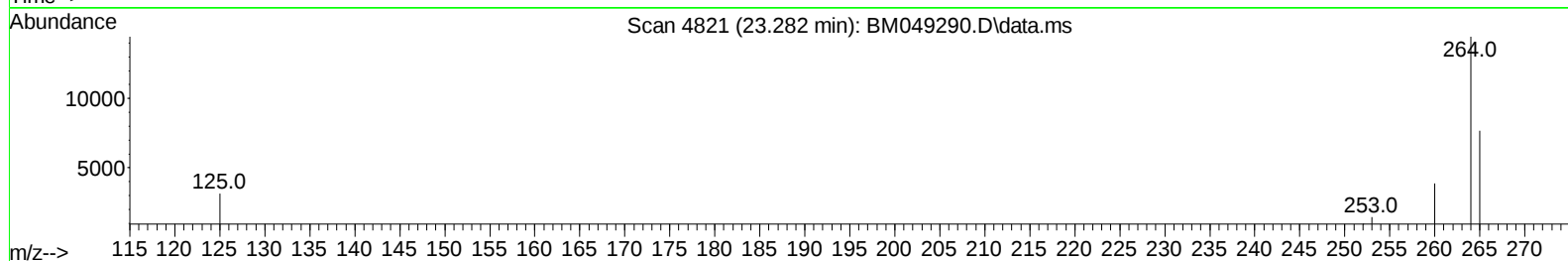
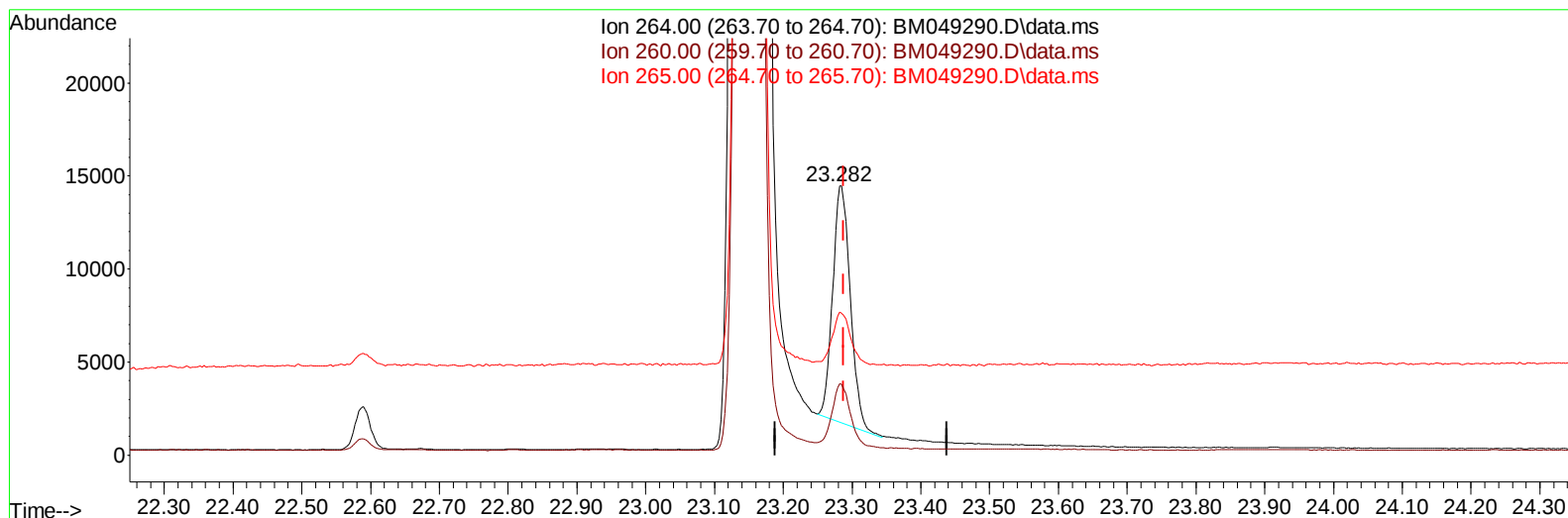
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122724\  
Data File : BM049290.D  
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Operator : RC/JU  
Sample : P5324-14  
Misc :  
ALS Vial : 51 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
YE601

Manual IntegrationsAPPROVED

Quant Time: Dec 29 21:57:25 2024  
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QLast Update : Thu Dec 26 11:35:38 2024  
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Reviewed By :Yogesh Patel 12/30/2024  
Supervised By :mohammad ahmed 12/30/2024



TIC: BM049290.D\data.ms

(23) Perylene-d12 (I)

23.282min (-0.006) 0.40 ng/ul m

response 22695

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 25.80  | 26.62  |
| 265.00 | 78.30  | 53.08# |
| 0.00   | 0.00   | 0.00   |

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 Operator : RC/JU  
 Sample : P5324-14  
 Misc :  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YE601

## 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  | 7279     | 0.400 | ng/ul | 0.00     |
| 4) Naphthalene-d8           | 10.299 | 136  | 23246    | 0.400 | ng/ul | 0.00     |
| 9) Acenaphthene-d10         | 14.178 | 164  | 13264    | 0.400 | ng/ul | 0.00     |
| 13) Phenanthrene-d10        | 16.930 | 188  | 30895m   | 0.400 | ng/ul | 0.00     |
| 17) Chrysene-d12            | 21.134 | 240  | 26024m   | 0.400 | ng/ul | 0.00     |
| 23) Perylene-d12            | 23.282 | 264  | 22695m   | 0.400 | ng/ul | 0.00     |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 3) 1,4-Dioxane-d8           | 3.134  | 96   | 34505    | 4.110 | ng/ul | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.899 | 152  | 9139     | 0.293 | ng/ul | 0.00     |
| 18) Fluoranthene-d10        | 18.965 | 212  | 25751    | 0.349 | ng/ul | 0.00     |

Target Compounds Qvalue

-----

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

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