

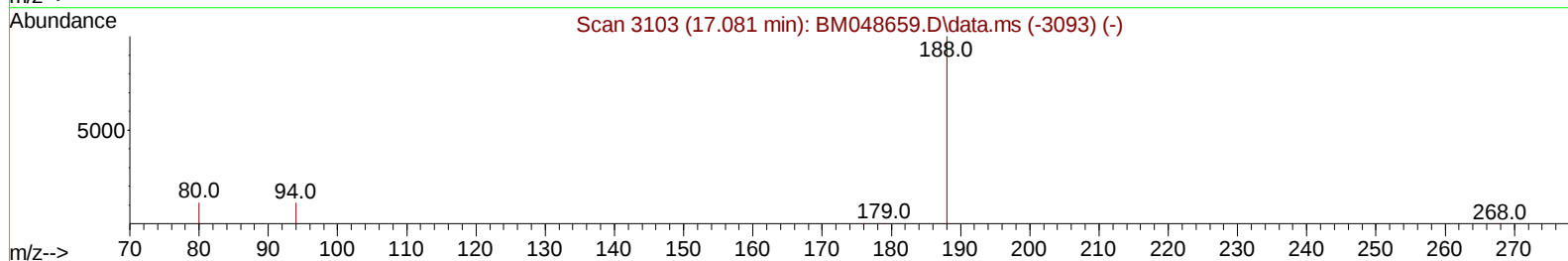
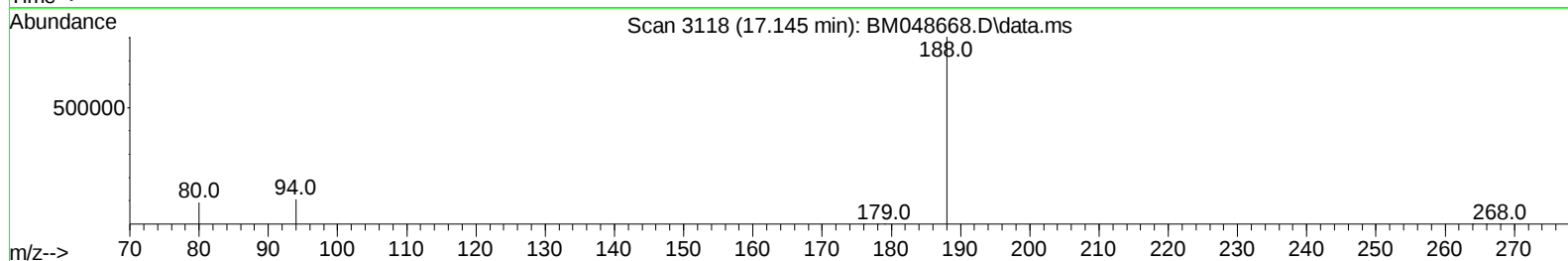
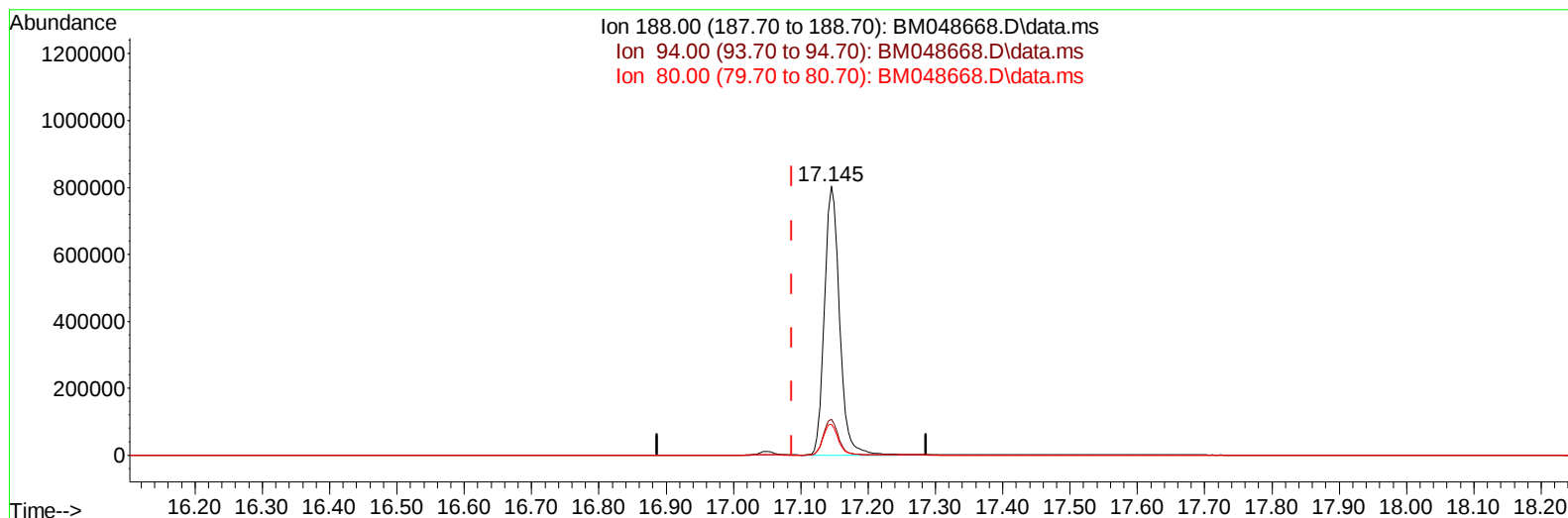
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111324\  
Data File : BM048668.D  
Acq On : 14 Nov 2024 12:32  
Operator : RC/JU  
Sample : P4801-06  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GCPA7

Manual IntegrationsAPPROVED

Quant Time: Nov 14 14:01:49 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM110624.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 13 11:38:55 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/15/2024  
Supervised By :mohammad ahmed 11/15/2024



TIC: BM048668.D\data.ms

(13) Phenanthrene-d10 (I)

17.145min (+ 0.059) 0.40 ng/u1

response 1249087

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 12.00  | 13.38  |
| 80.00  | 12.60  | 11.54  |
| 0.00   | 0.00   | 0.00   |

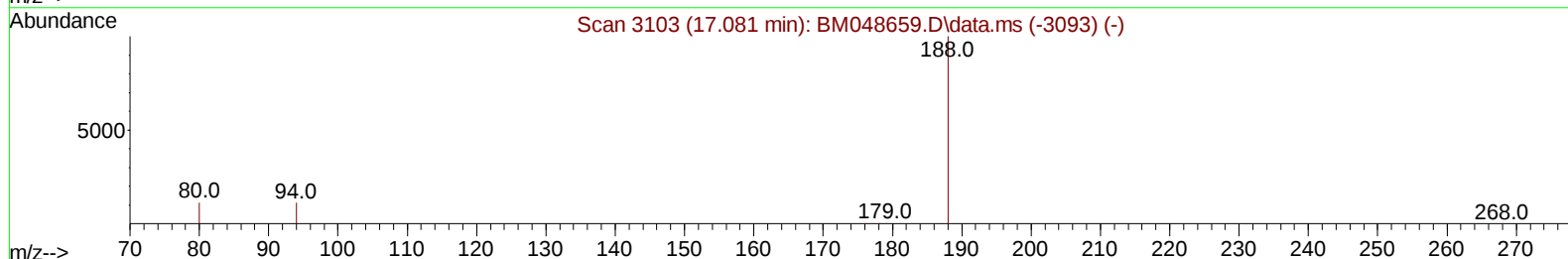
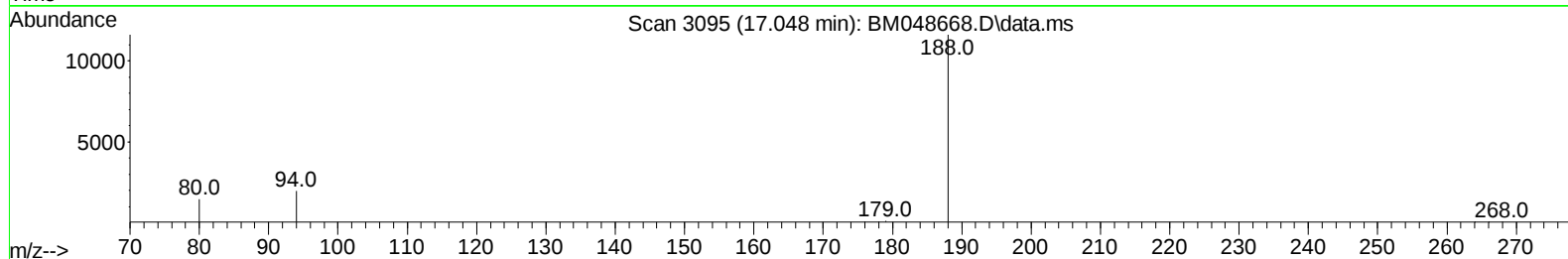
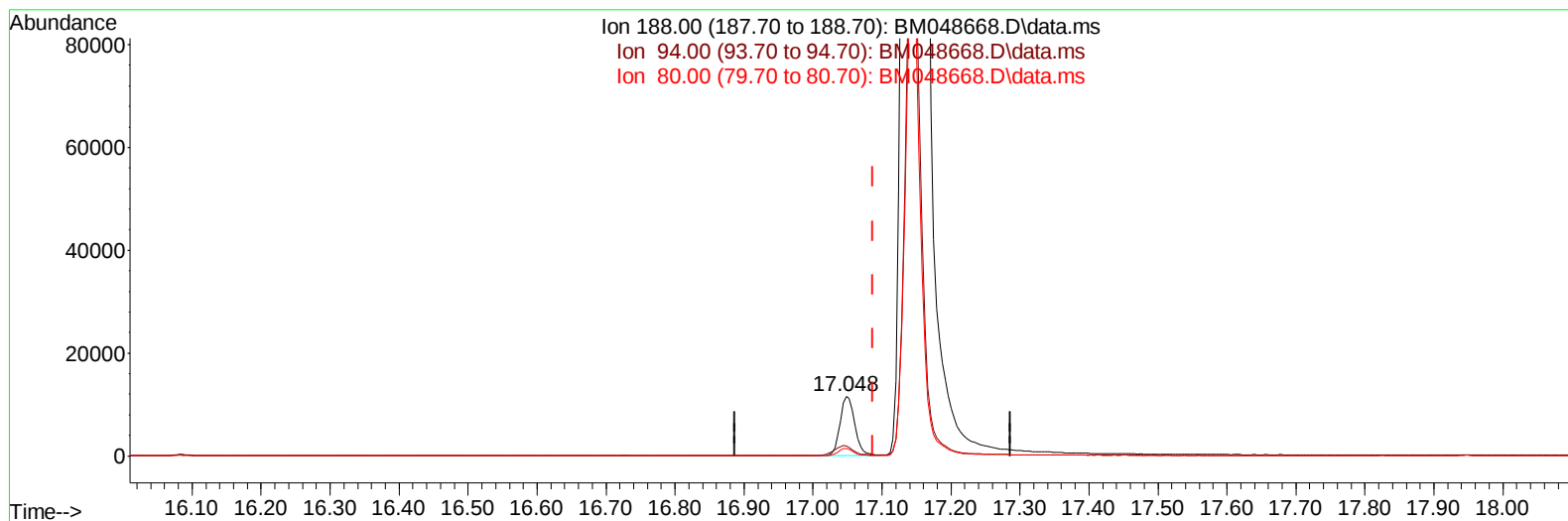
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Instrument :  
BNA\_M  
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Manual IntegrationsAPPROVED

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TIC: BM048668.D\data.ms

(13) Phenanthrene-d10 (I)

17.048min (-0.038) 0.40 ng/ul m

response 17232

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 12.00  | 16.89# |
| 80.00  | 12.60  | 12.62  |
| 0.00   | 0.00   | 0.00   |

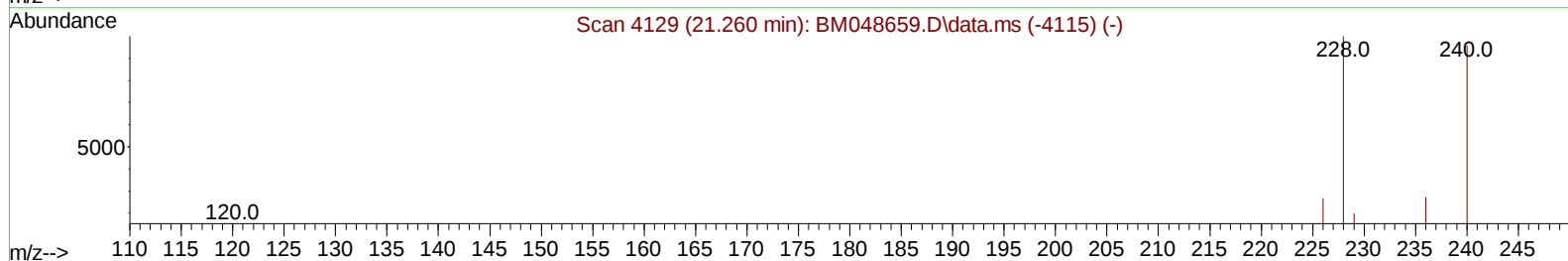
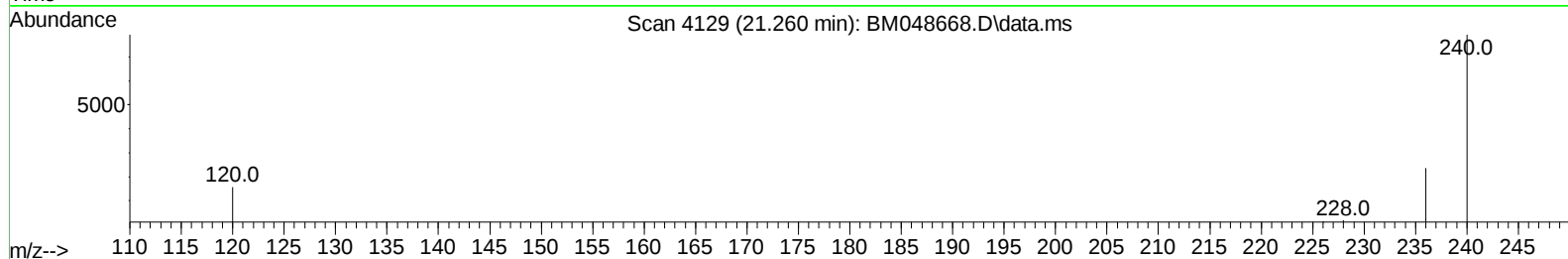
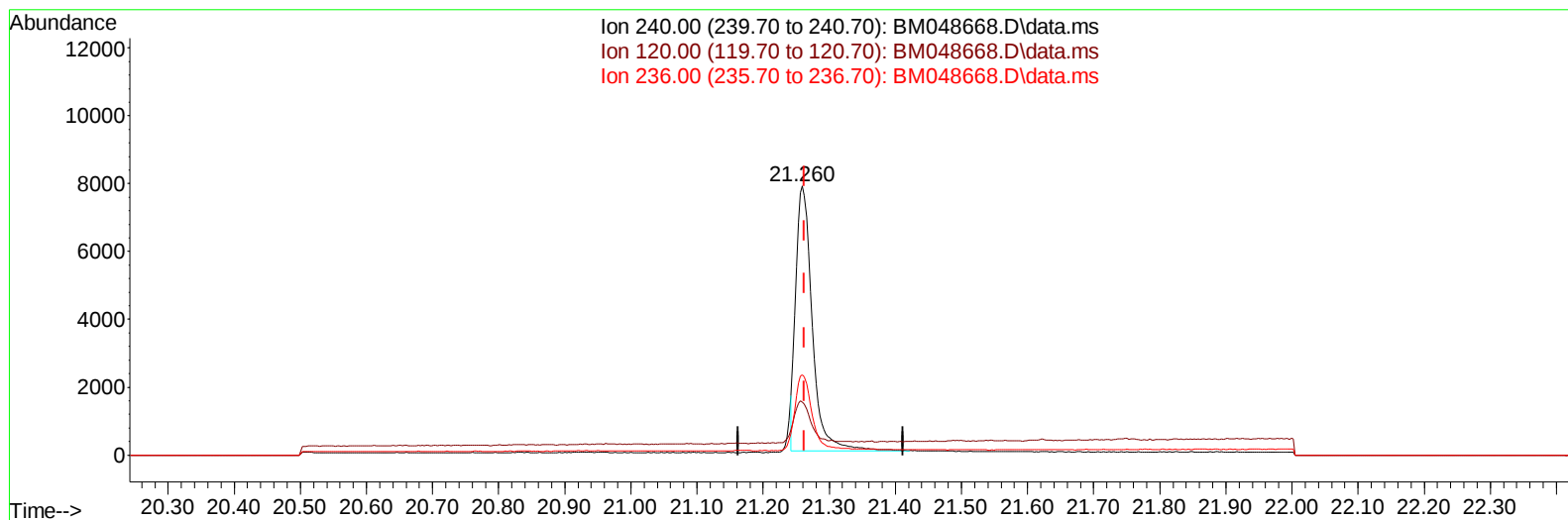
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111324\  
Data File : BM048668.D  
Acq On : 14 Nov 2024 12:32  
Operator : RC/JU  
Sample : P4801-06  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GCPA7

Manual IntegrationsAPPROVED

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TIC: BM048668.D\data.ms

(17) Chrysene-d12

21.260min (-0.003) 0.40 ng/u1

response 13355

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 20.50  | 19.80  |
| 236.00 | 29.90  | 29.94  |
| 0.00   | 0.00   | 0.00   |

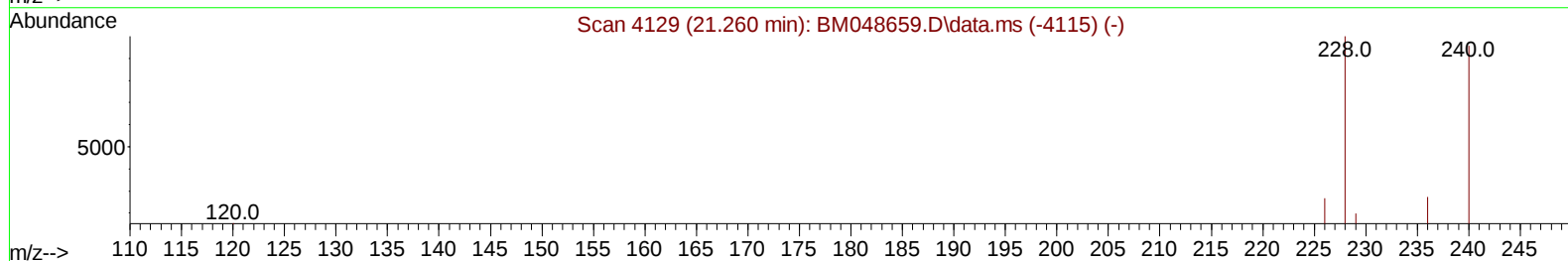
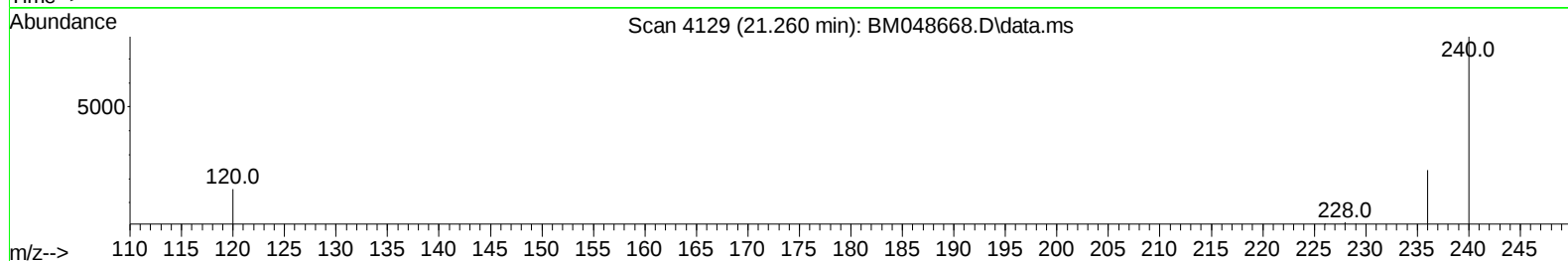
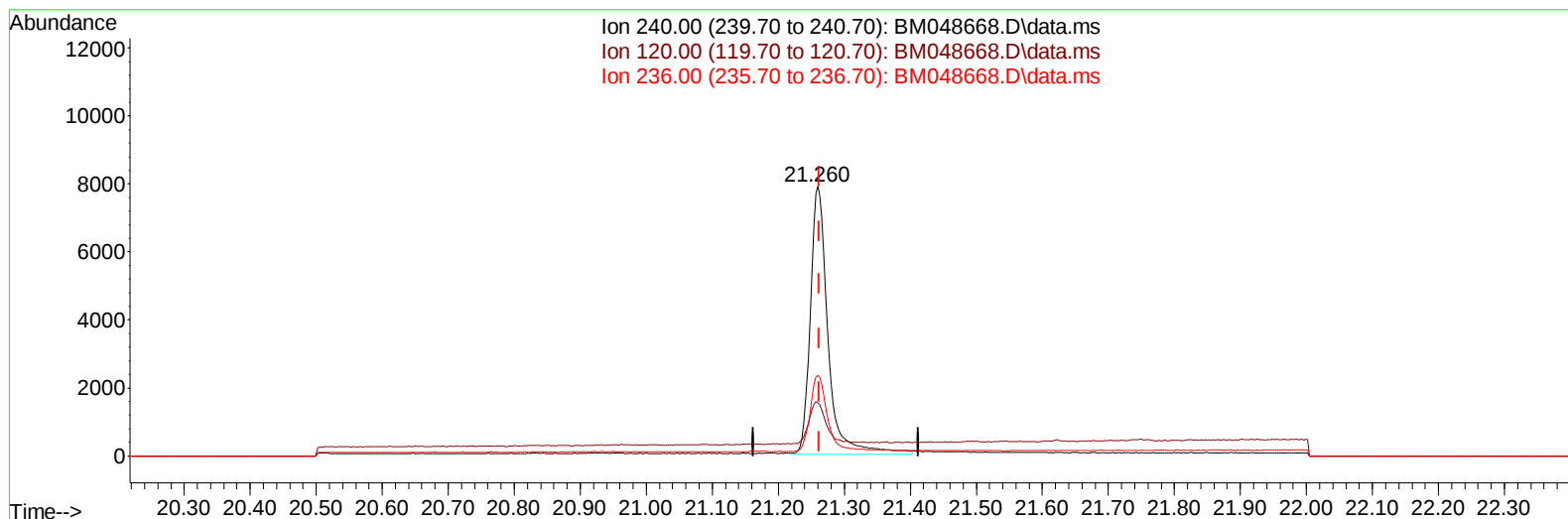
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111324\  
Data File : BM048668.D  
Acq On : 14 Nov 2024 12:32  
Operator : RC/JU  
Sample : P4801-06  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GCPA7

Manual IntegrationsAPPROVED

Quant Time: Nov 14 14:01:49 2024  
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TIC: BM048668.D\data.ms

(17) Chrysene-d12

21.260min (-0.003) 0.40 ng/ul m

response 14754

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 20.50  | 19.80  |
| 236.00 | 29.90  | 29.94  |
| 0.00   | 0.00   | 0.00   |

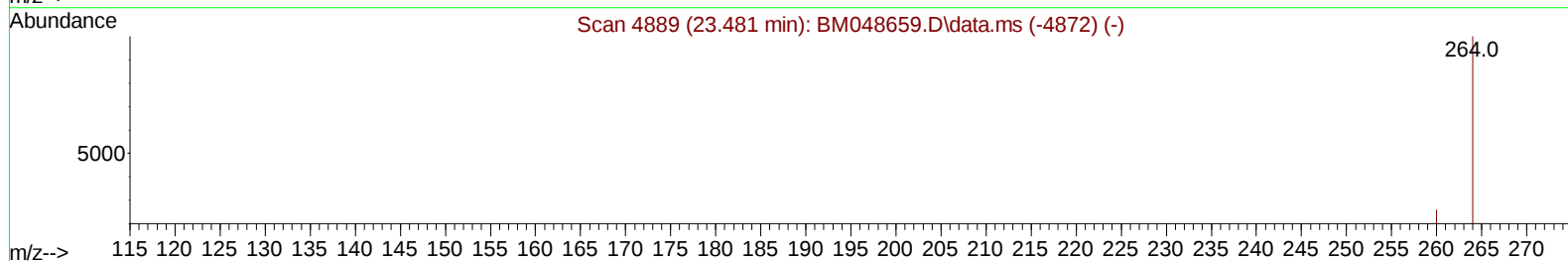
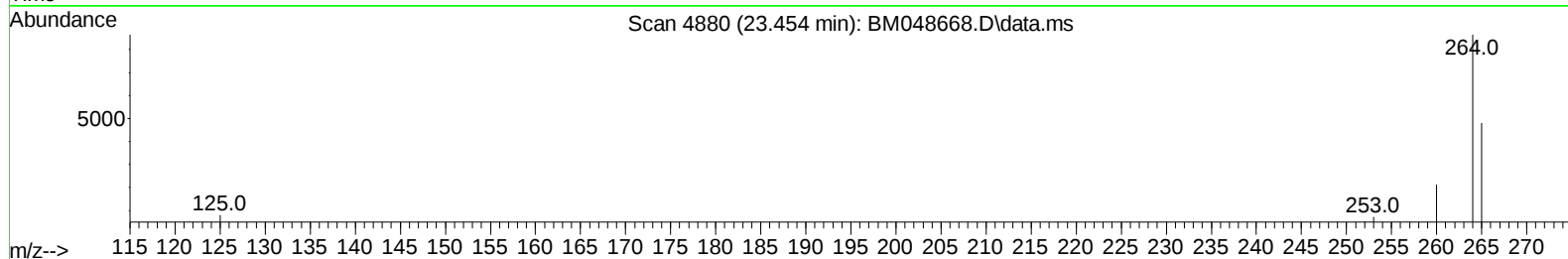
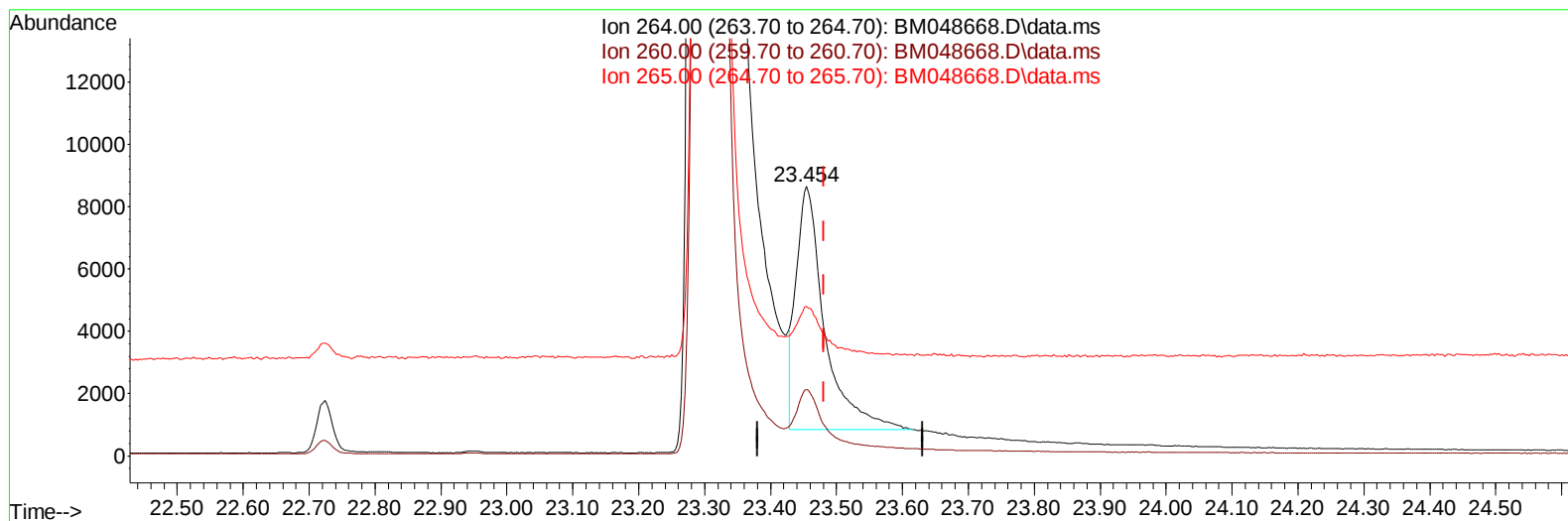
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111324\  
Data File : BM048668.D  
Acq On : 14 Nov 2024 12:32  
Operator : RC/JU  
Sample : P4801-06  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GCPA7

Manual IntegrationsAPPROVED

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TIC: BM048668.D\data.ms

(23) Perylene-d12 (I)

23.454min (-0.026) 0.40 ng/u1

response 23584

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.30  | 24.64  |
| 265.00 | 119.80 | 55.46# |
| 0.00   | 0.00   | 0.00   |

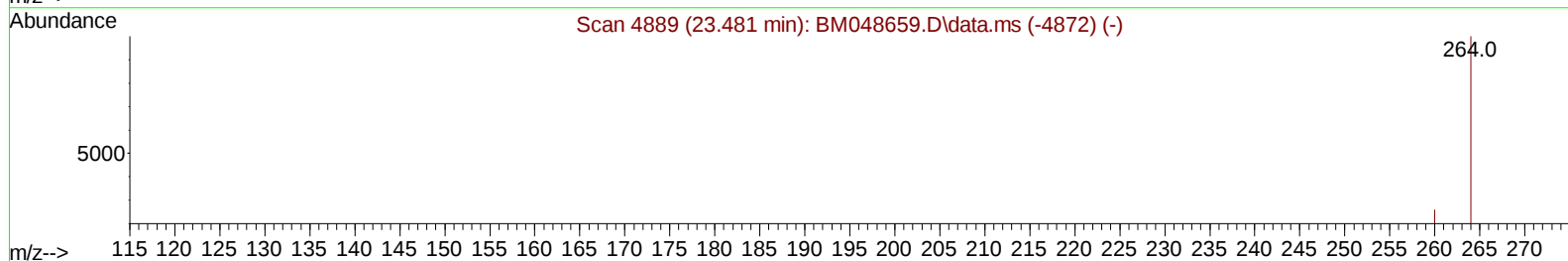
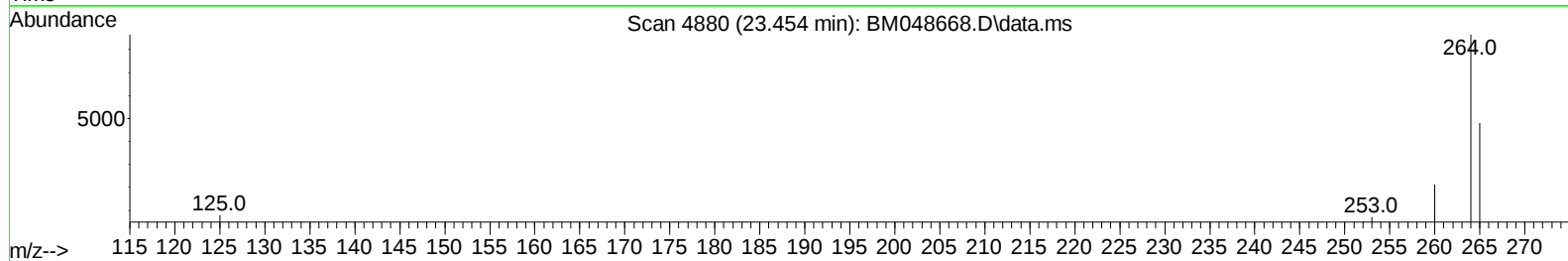
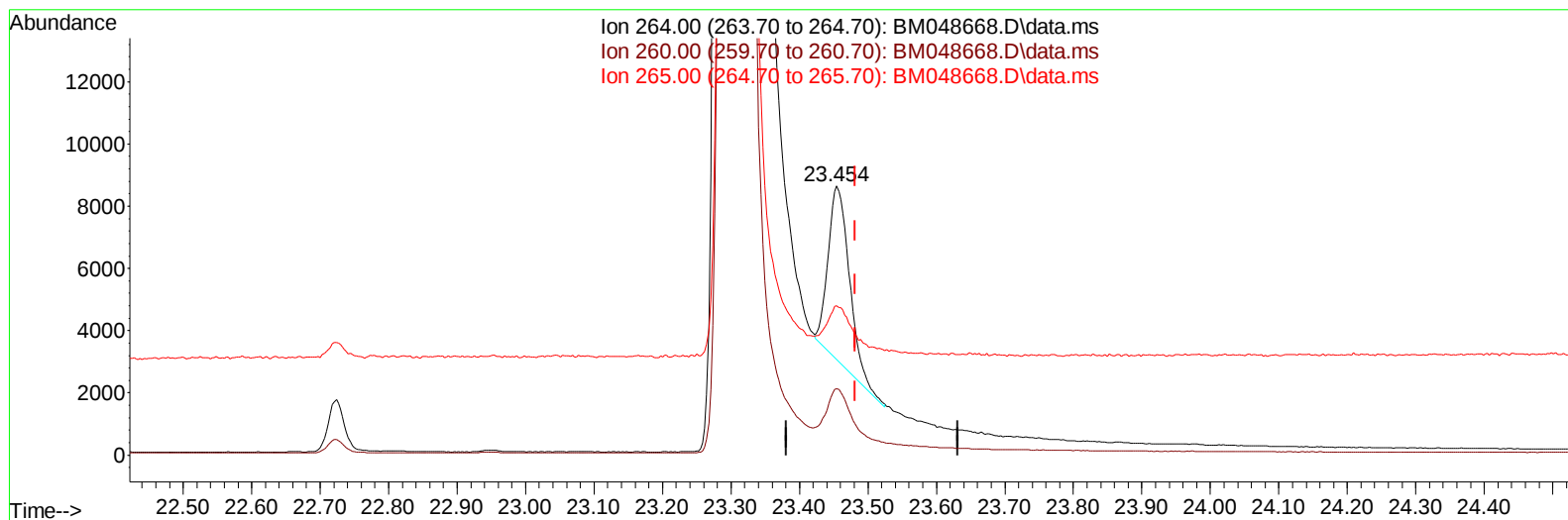
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111324\  
Data File : BM048668.D  
Acq On : 14 Nov 2024 12:32  
Operator : RC/JU  
Sample : P4801-06  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GCPA7

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/15/2024  
Supervised By :mohammad ahmed 11/15/2024

Quant Time: Nov 14 14:01:49 2024  
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TIC: BM048668.D\data.ms

## (23) Perylene-d12 (I)

23.454min (-0.026) 0.40 ng/ul m

response 12004

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.30  | 24.64  |
| 265.00 | 119.80 | 55.46# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111324\  
 Data File : BM048668.D  
 Acq On : 14 Nov 2024 12:32  
 Operator : RC/JU  
 Sample : P4801-06  
 Misc :  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 GCPA7

## Manual IntegrationsAPPROVED

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| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.661  | 152  | 5064     | 0.400 | ng/ul | -0.08    |
| 4) Naphthalene-d8           | 10.436 | 136  | 15689    | 0.400 | ng/ul | -0.06    |
| 9) Acenaphthene-d10         | 14.303 | 164  | 8227     | 0.400 | ng/ul | -0.02    |
| 13) Phenanthrene-d10        | 17.048 | 188  | 17232m   | 0.400 | ng/ul | -0.04    |
| 17) Chrysene-d12            | 21.260 | 240  | 14754m   | 0.400 | ng/ul | 0.00     |
| 23) Perylene-d12            | 23.454 | 264  | 12004m   | 0.400 | ng/ul | -0.03    |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 3) 1,4-Dioxane-d8           | 3.122  | 96   | 25185    | 4.122 | ng/ul | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.064 | 152  | 5846     | 0.288 | ng/ul | -0.04    |
| 18) Fluoranthene-d10        | 19.081 | 212  | 15521    | 0.375 | ng/ul | -0.03    |

Target Compounds Qvalue

-----

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

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