

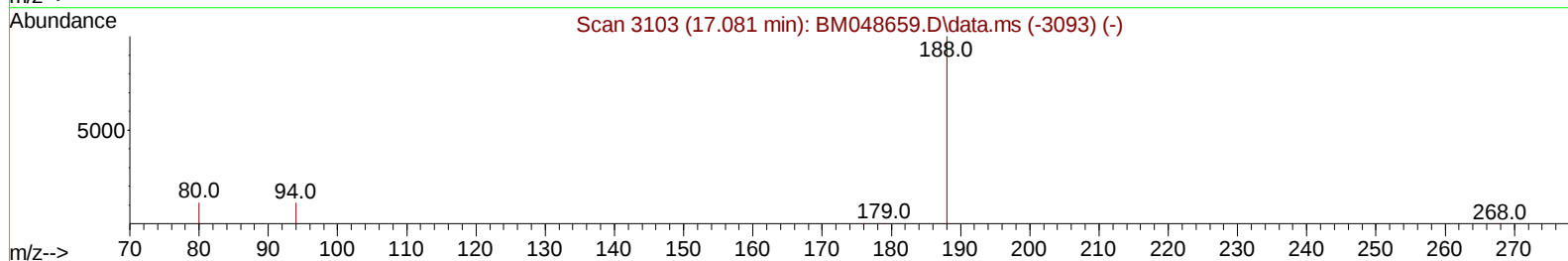
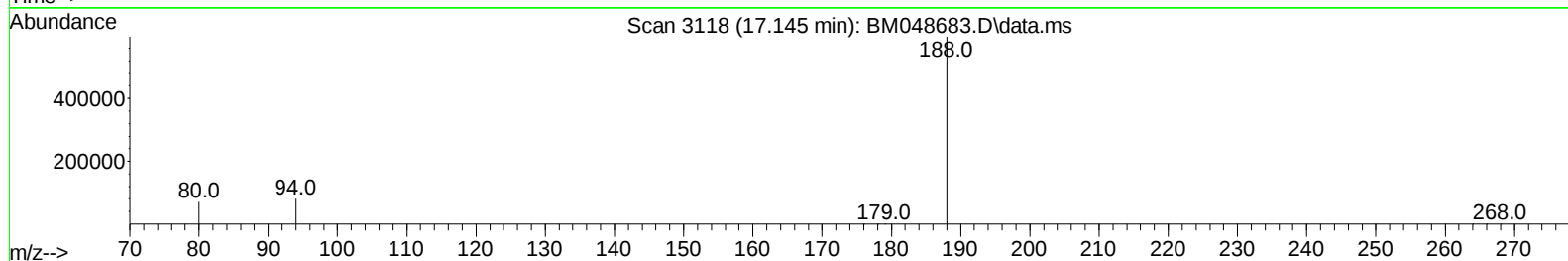
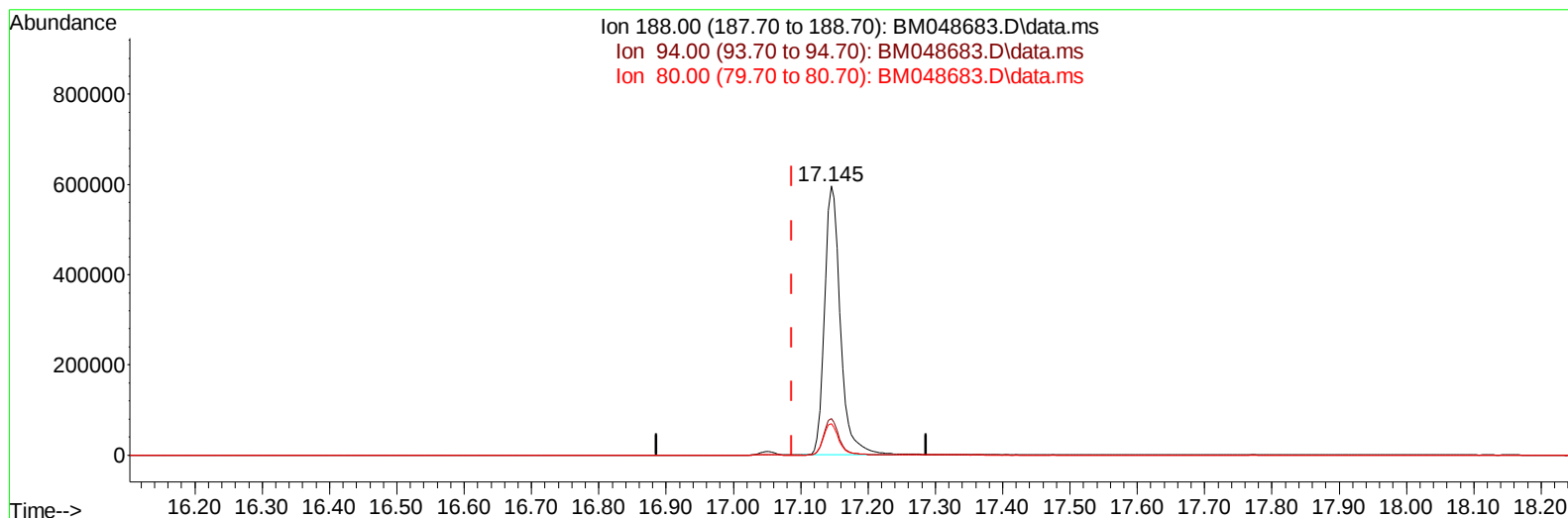
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111324\  
Data File : BM048683.D  
Acq On : 14 Nov 2024 21:33  
Operator : RC/JU  
Sample : P4802-03  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GCPC5

Manual IntegrationsAPPROVED

Quant Time: Nov 14 22:23:31 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: BM048683.D\data.ms

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

**17.145min (+ 0.059) 0.40 ng/u1**

**response 971385**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 12.00  | 13.52  |
| 80.00  | 12.60  | 11.75  |
| 0.00   | 0.00   | 0.00   |

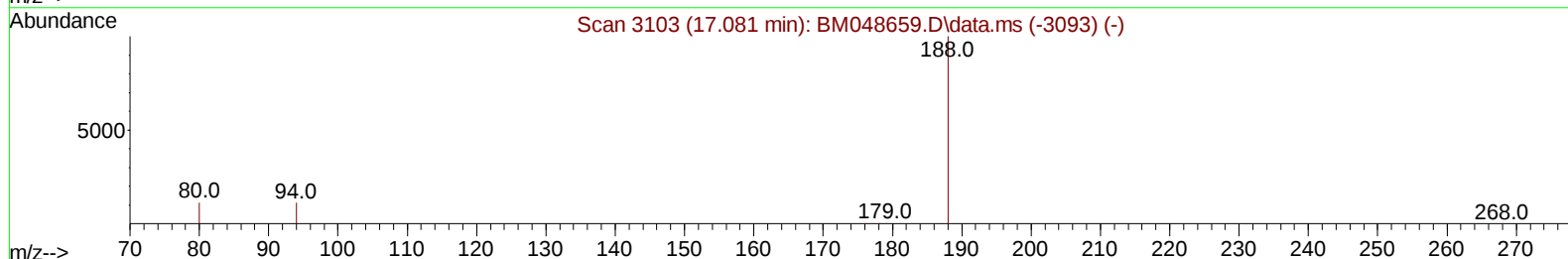
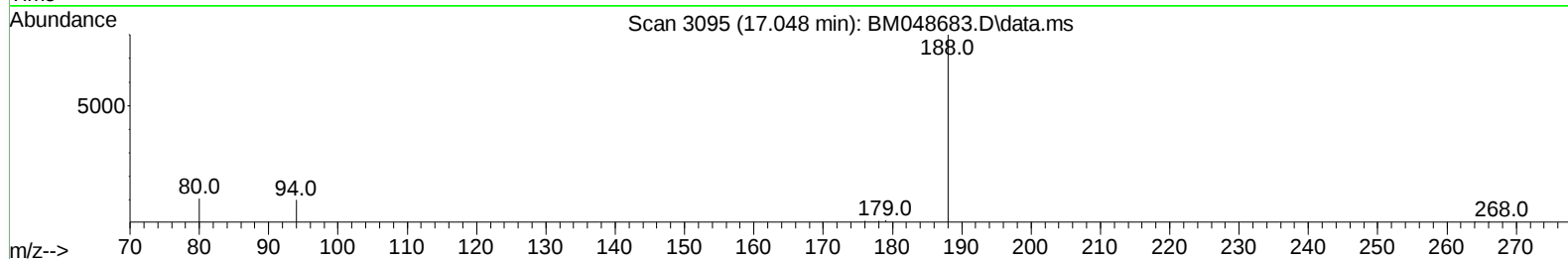
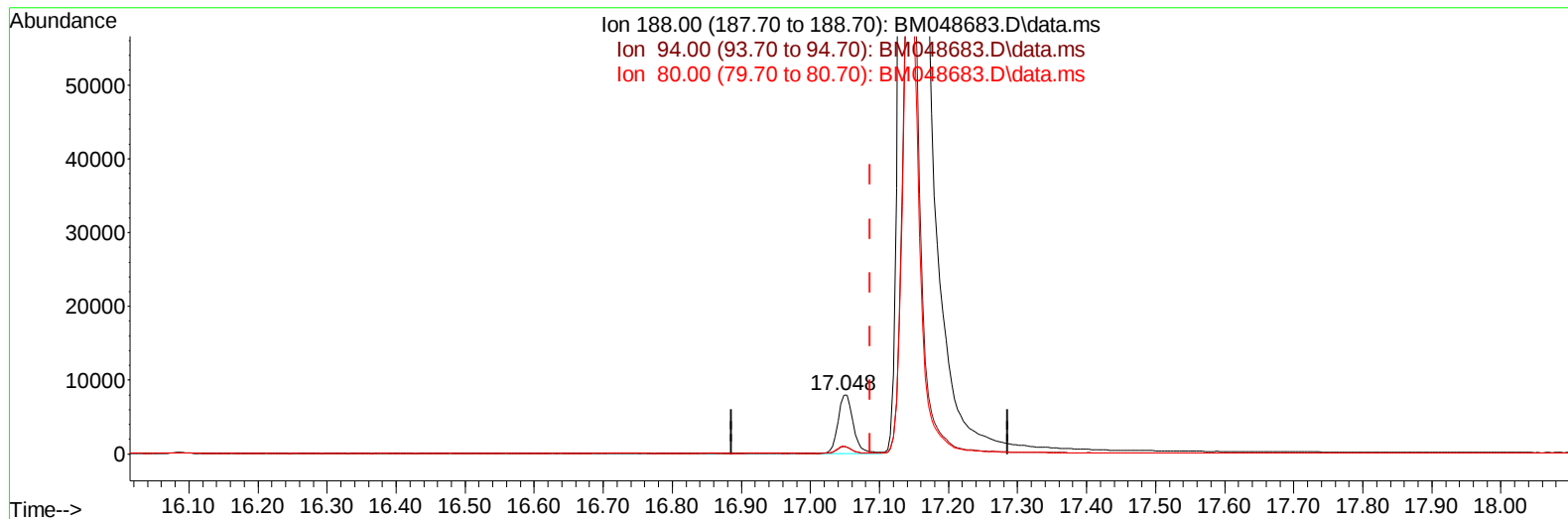
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111324\  
Data File : BM048683.D  
Acq On : 14 Nov 2024 21:33  
Operator : RC/JU  
Sample : P4802-03  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GCPC5

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/15/2024



TIC: BM048683.D\data.ms

(13) Phenanthrene-d10 (I)

17.048min (-0.038) 0.40 ng/ul m

response 12290

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 12.00  | 12.33  |
| 80.00  | 12.60  | 13.11  |
| 0.00   | 0.00   | 0.00   |

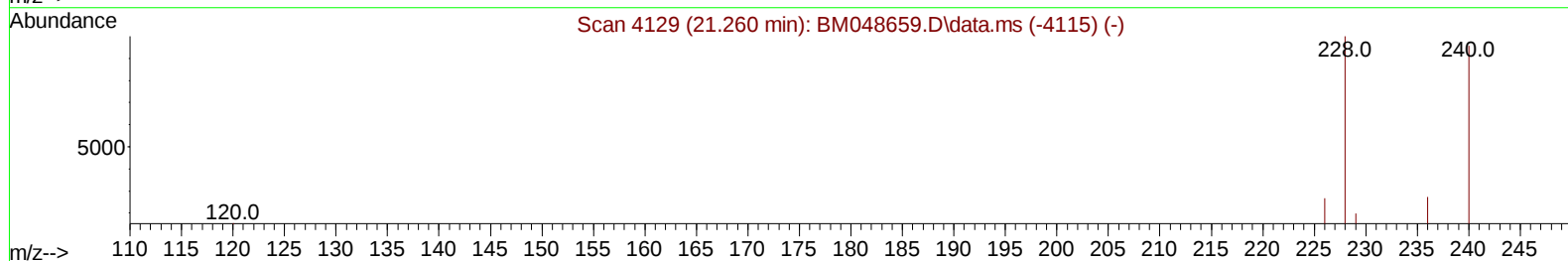
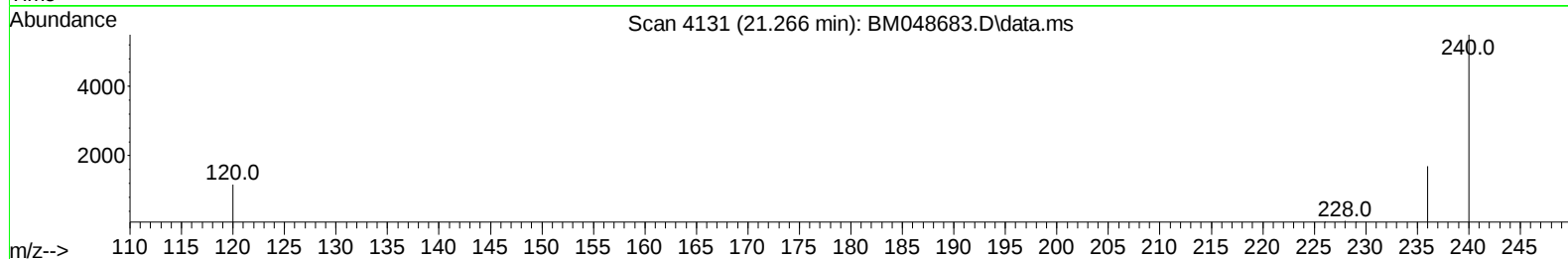
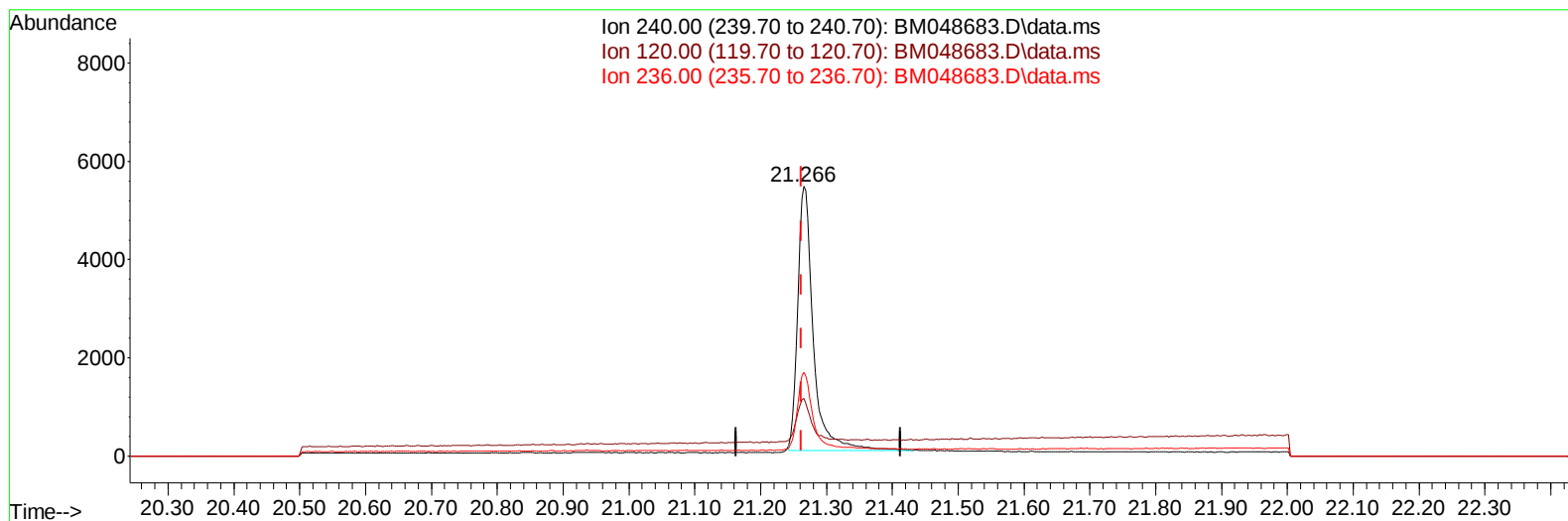
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111324\  
Data File : BM048683.D  
Acq On : 14 Nov 2024 21:33  
Operator : RC/JU  
Sample : P4802-03  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GCPC5

Manual IntegrationsAPPROVED

Quant Time: Nov 14 22:23:31 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM110624.M  
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TIC: BM048683.D\data.ms

(17) Chrysene-d12

21.266min (+ 0.003) 0.40 ng/u1

response 8927

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 20.50  | 21.39  |
| 236.00 | 29.90  | 31.06  |
| 0.00   | 0.00   | 0.00   |

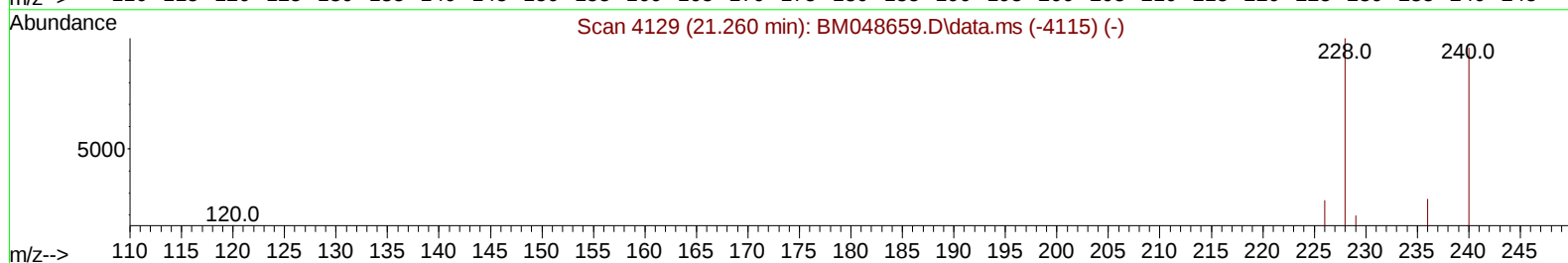
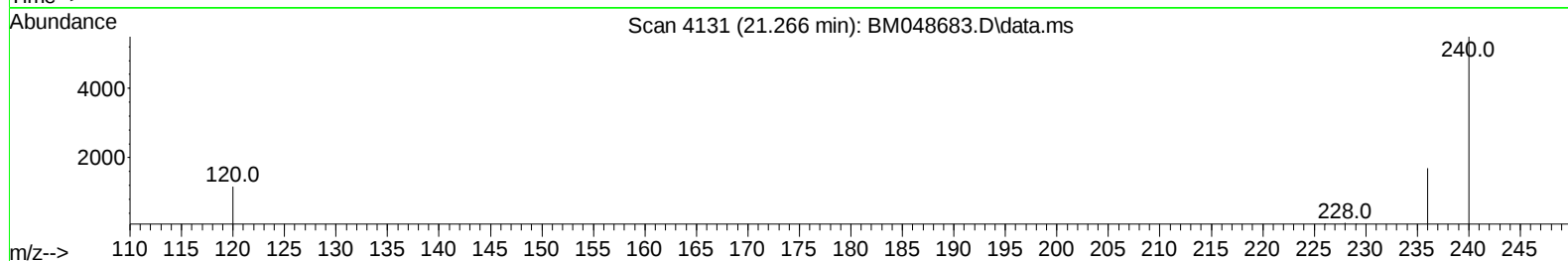
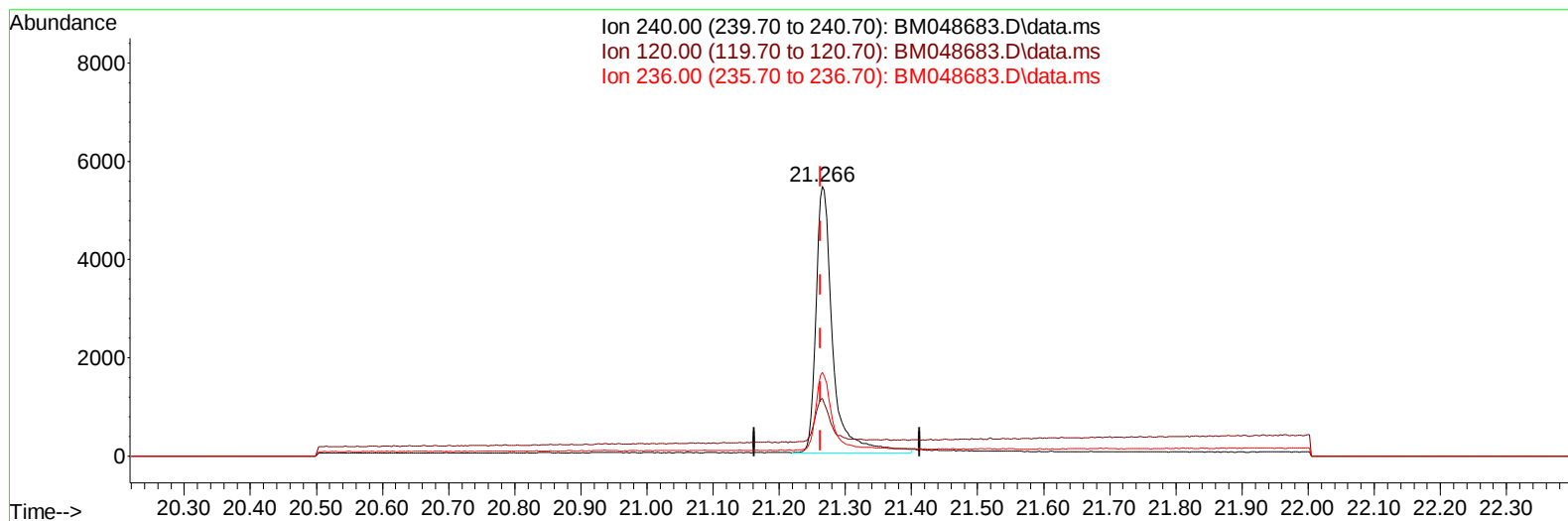
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111324\  
Data File : BM048683.D  
Acq On : 14 Nov 2024 21:33  
Operator : RC/JU  
Sample : P4802-03  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GCPC5

## Manual IntegrationsAPPROVED

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

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TIC: BM048683.D\data.ms

## (17) Chrysene-d12

21.266min (+ 0.003) 0.40 ng/ul m

response 9488

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 20.50  | 21.39  |
| 236.00 | 29.90  | 31.06  |
| 0.00   | 0.00   | 0.00   |

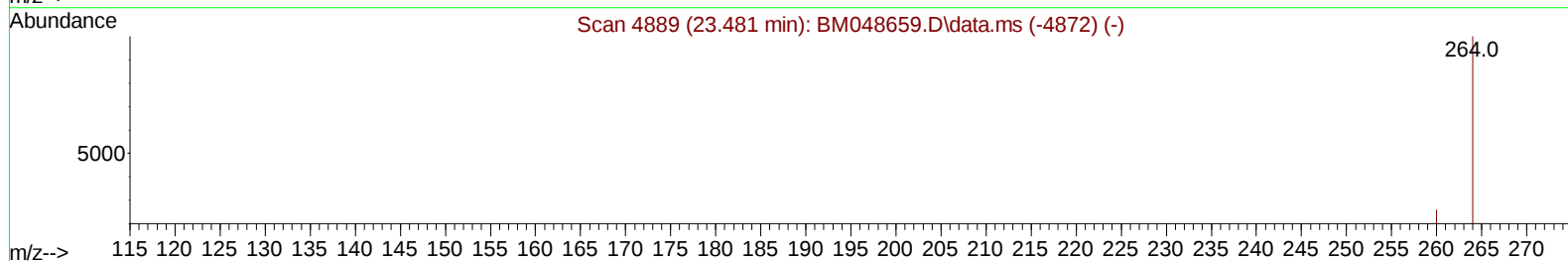
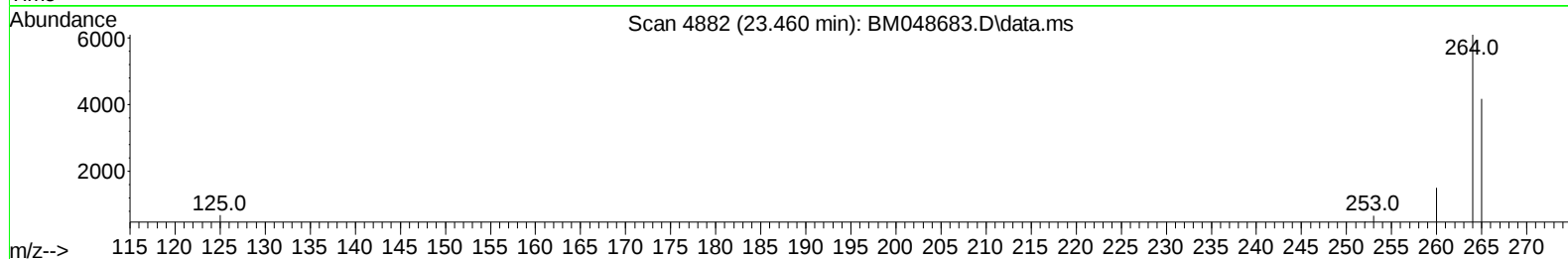
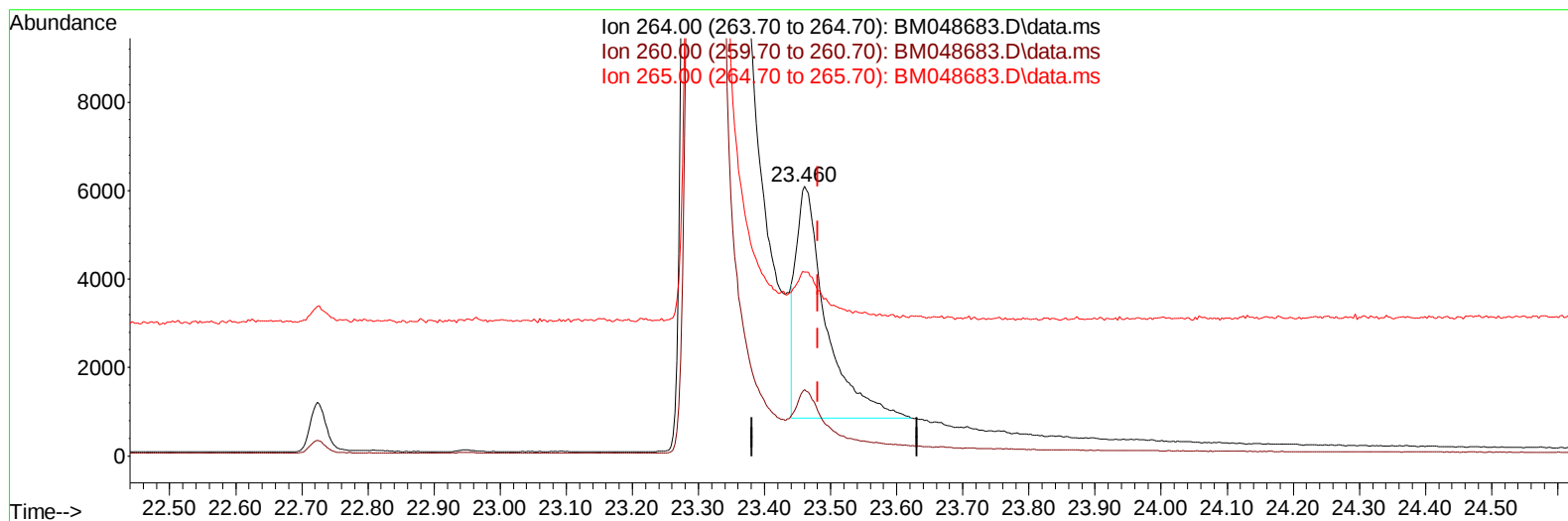
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111324\  
Data File : BM048683.D  
Acq On : 14 Nov 2024 21:33  
Operator : RC/JU  
Sample : P4802-03  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GCPC5

Manual IntegrationsAPPROVED

Quant Time: Nov 14 22:23:31 2024  
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Reviewed By :Yogesh Patel 11/15/2024  
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TIC: BM048683.D\data.ms

(23) Perylene-d12 (I)

23.460min (-0.021) 0.40 ng/u1

response 16710

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.30  | 24.64  |
| 265.00 | 119.80 | 68.37# |
| 0.00   | 0.00   | 0.00   |

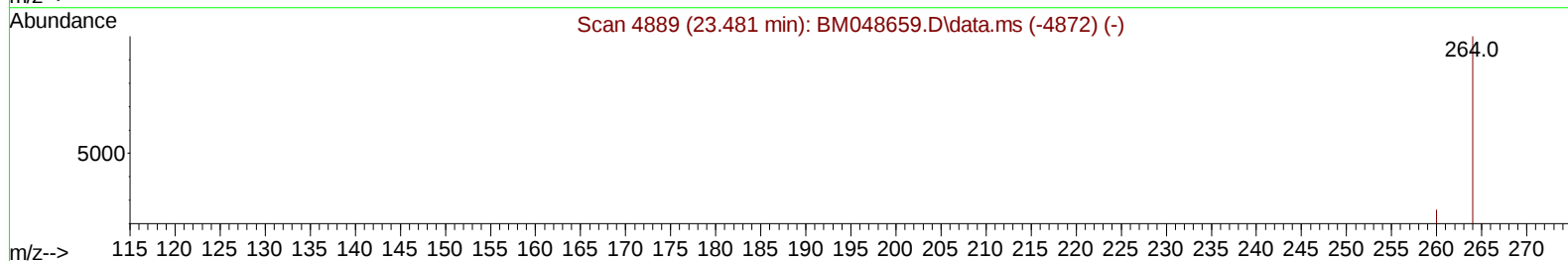
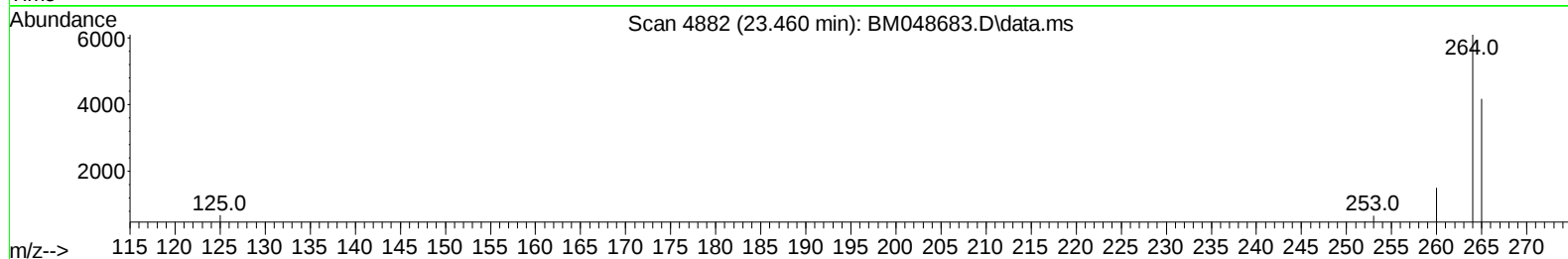
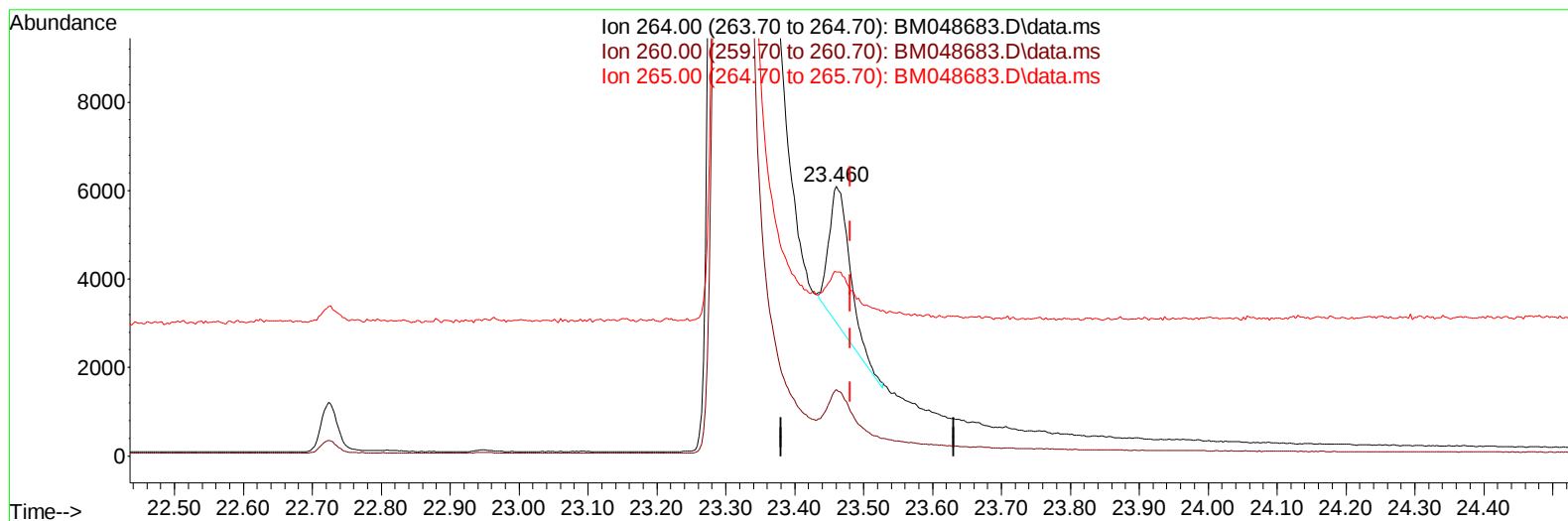
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111324\  
Data File : BM048683.D  
Acq On : 14 Nov 2024 21:33  
Operator : RC/JU  
Sample : P4802-03  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GCPC5

Manual IntegrationsAPPROVED

Quant Time: Nov 14 22:23:31 2024  
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Response via : Initial Calibration

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



TIC: BM048683.D\data.ms

(23) Perylene-d12 (I)

23.460min (-0.021) 0.40 ng/ul m

response 6474

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.30  | 24.64  |
| 265.00 | 119.80 | 68.37# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111324\  
 Data File : BM048683.D  
 Acq On : 14 Nov 2024 21:33  
 Operator : RC/JU  
 Sample : P4802-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 GCPC5

## Manual IntegrationsAPPROVED

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

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 QLast Update : Wed Nov 13 11:38:55 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.661  | 152 |     | 3514     | 0.400 | ng/ul  | -0.08    |
| 4) Naphthalene-d8           | 10.442 | 136 |     | 11059    | 0.400 | ng/ul  | -0.06    |
| 9) Acenaphthene-d10         | 14.303 | 164 |     | 5896     | 0.400 | ng/ul  | #-0.02   |
| 13) Phenanthrene-d10        | 17.048 | 188 |     | 12290m   | 0.400 | ng/ul  | -0.04    |
| 17) Chrysene-d12            | 21.266 | 240 |     | 9488m    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.460 | 264 |     | 6474m    | 0.400 | ng/ul  | -0.02    |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.122  | 96  |     | 18099    | 4.269 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.069 | 152 |     | 4460     | 0.312 | ng/ul  | -0.03    |
| 18) Fluoranthene-d10        | 19.081 | 212 |     | 11253    | 0.422 | ng/ul  | -0.03    |
| Target Compounds            |        |     |     |          |       |        |          |
|                             |        |     |     |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.155  | 88  |     | 2616     | 0.537 | ng/ul# | 74       |
| -----                       |        |     |     |          |       |        |          |

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

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