

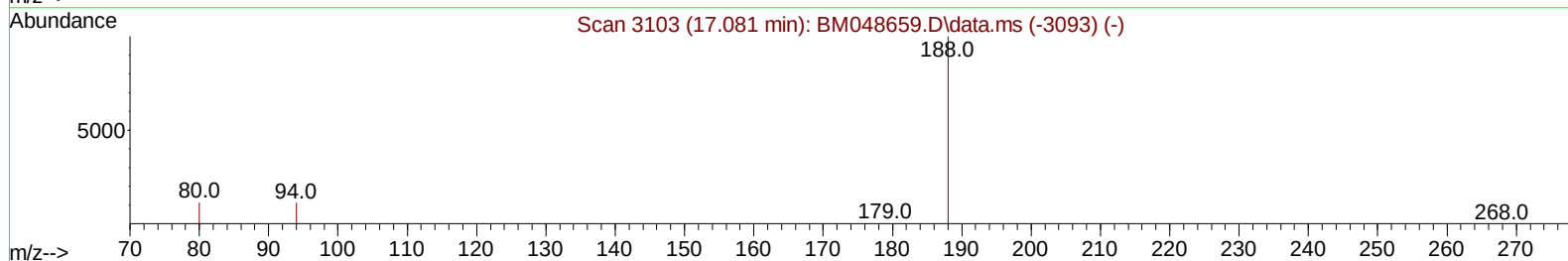
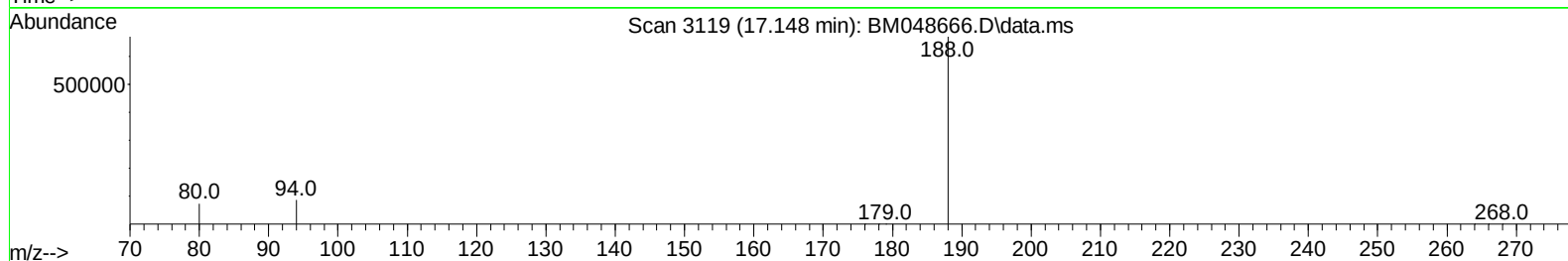
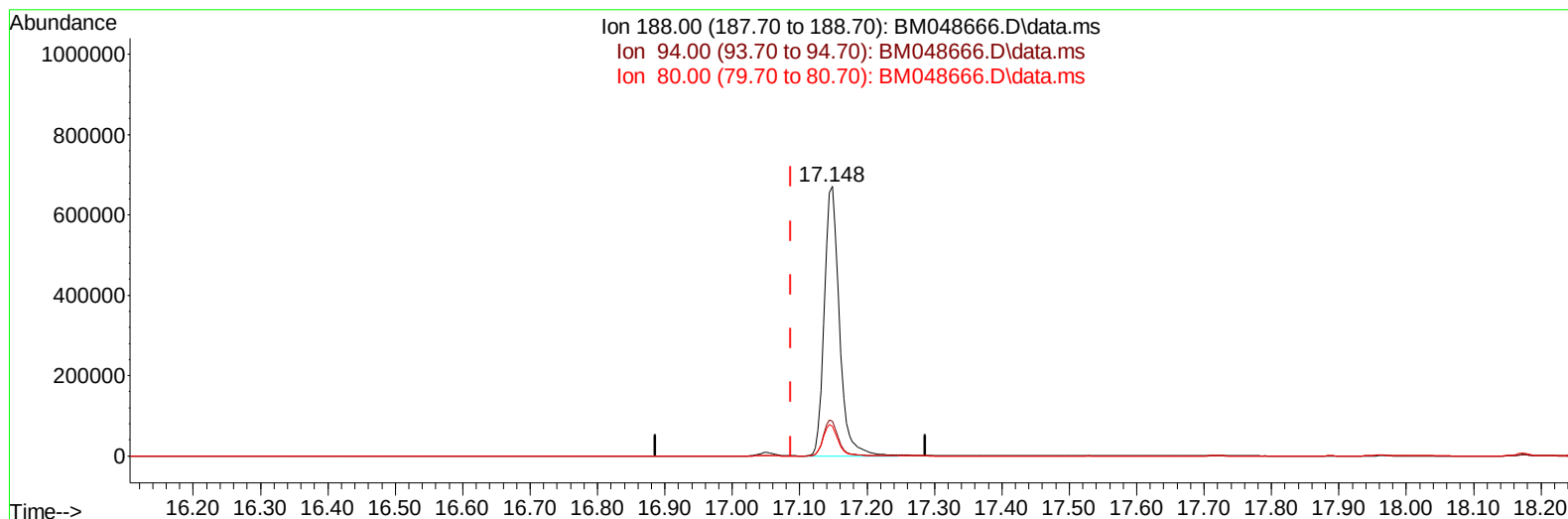
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111324\  
Data File : BM048666.D  
Acq On : 14 Nov 2024 11:20  
Operator : RC/JU  
Sample : P4801-12  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GCPB3

Manual IntegrationsAPPROVED

Quant Time: Nov 14 12:02:14 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: BM048666.D\data.ms

(13) Phenanthrene-d10 (I)

17.148min (+ 0.062) 0.40 ng/u1

response 1042819

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 12.00  | 12.77  |
| 80.00  | 12.60  | 10.92  |
| 0.00   | 0.00   | 0.00   |

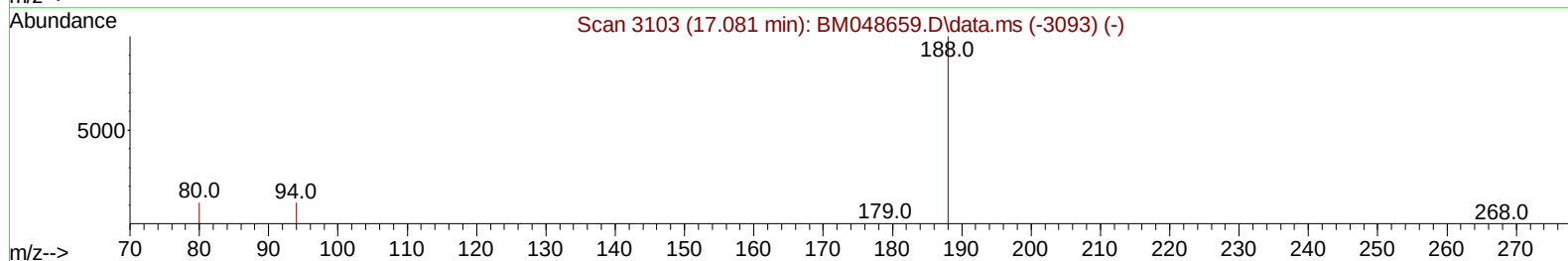
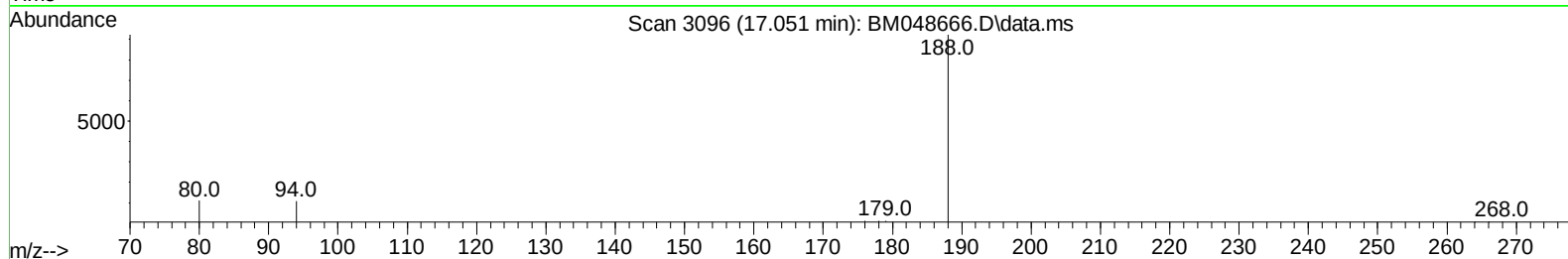
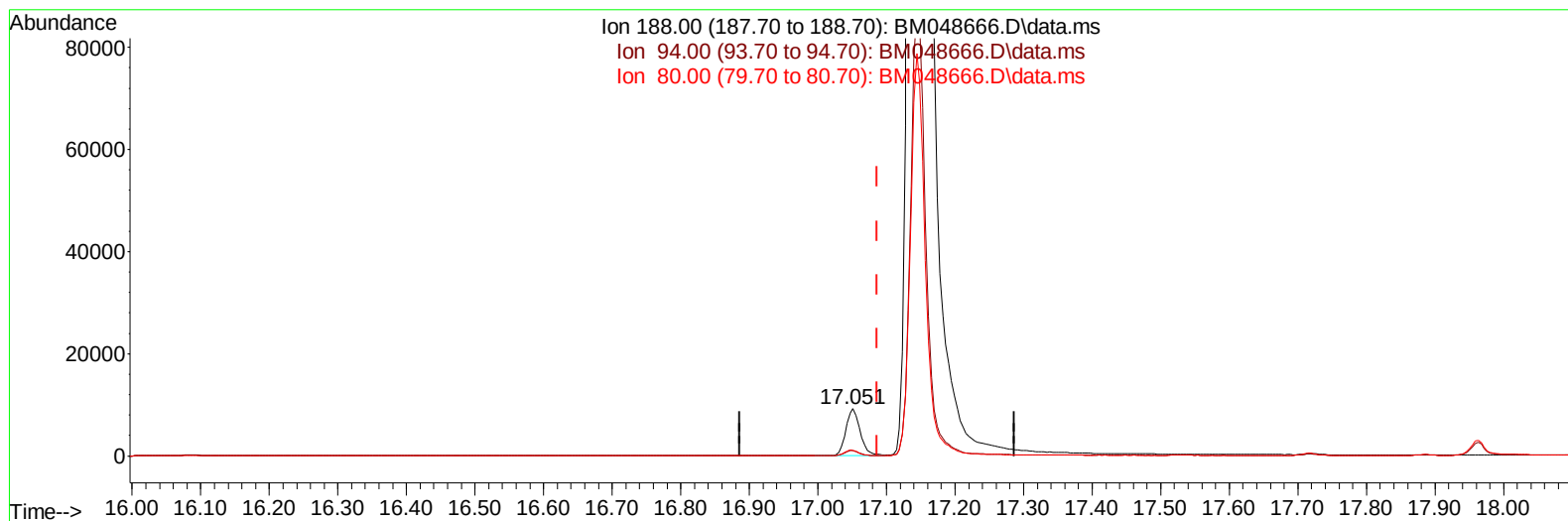
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111324\  
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Acq On : 14 Nov 2024 11:20  
Operator : RC/JU  
Sample : P4801-12  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GCPB3

Manual IntegrationsAPPROVED

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TIC: BM048666.D\data.ms

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

**17.051min (-0.035) 0.40 ng/ul m**

**response 13209**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 12.00  | 11.60  |
| 80.00  | 12.60  | 11.92  |
| 0.00   | 0.00   | 0.00   |

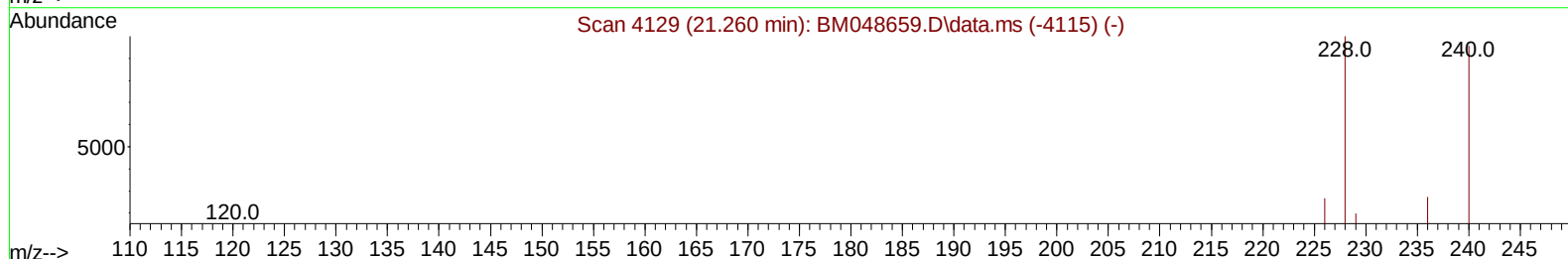
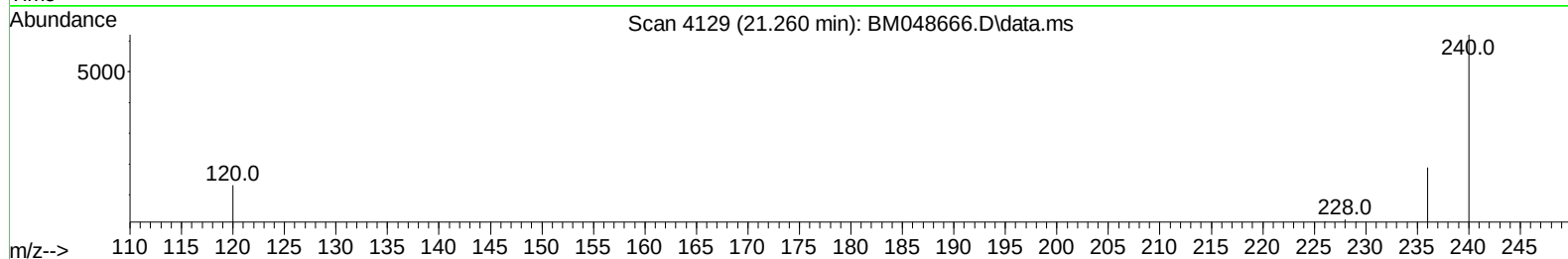
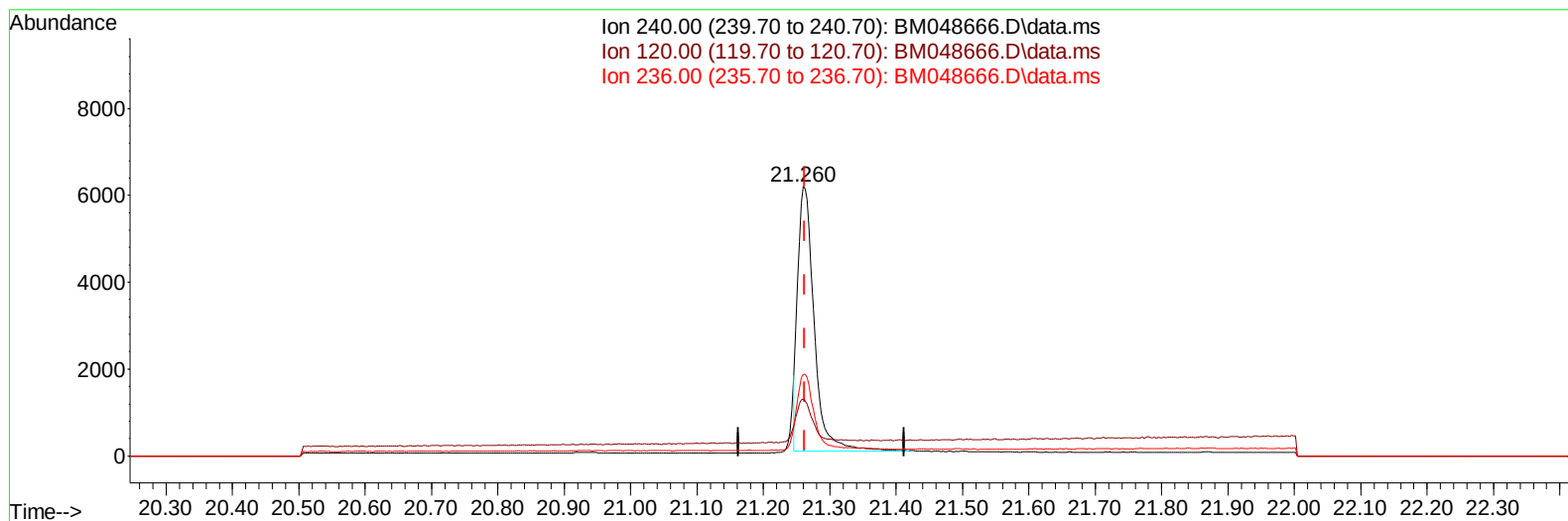
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111324\  
Data File : BM048666.D  
Acq On : 14 Nov 2024 11:20  
Operator : RC/JU  
Sample : P4801-12  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GCPB3

Manual IntegrationsAPPROVED

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TIC: BM048666.D\data.ms

(17) Chrysene-d12

21.260min (-0.003) 0.40 ng/u1

response 10460

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 20.50  | 21.03  |
| 236.00 | 29.90  | 30.35  |
| 0.00   | 0.00   | 0.00   |

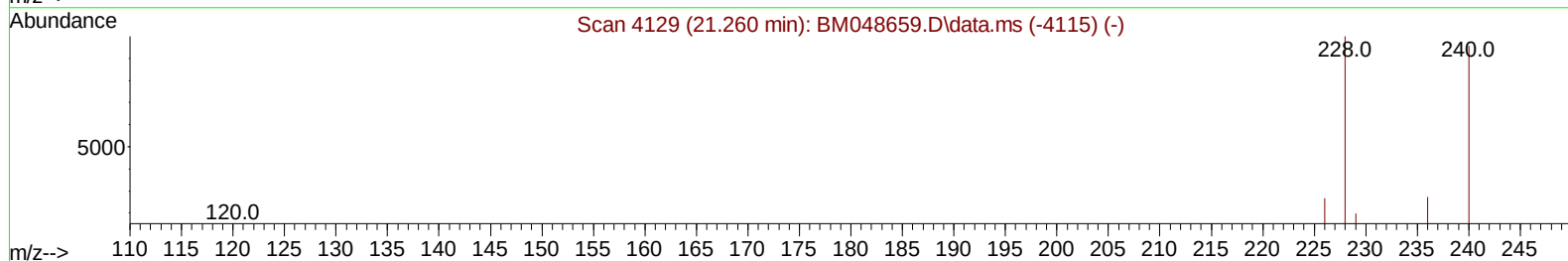
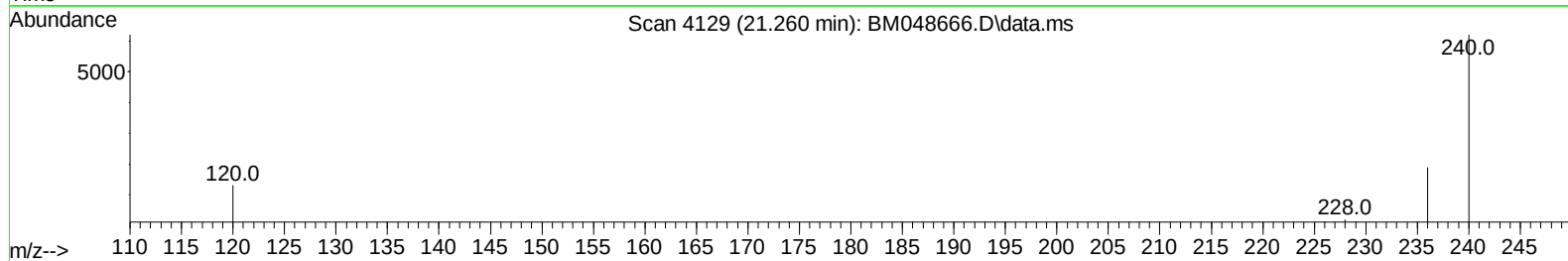
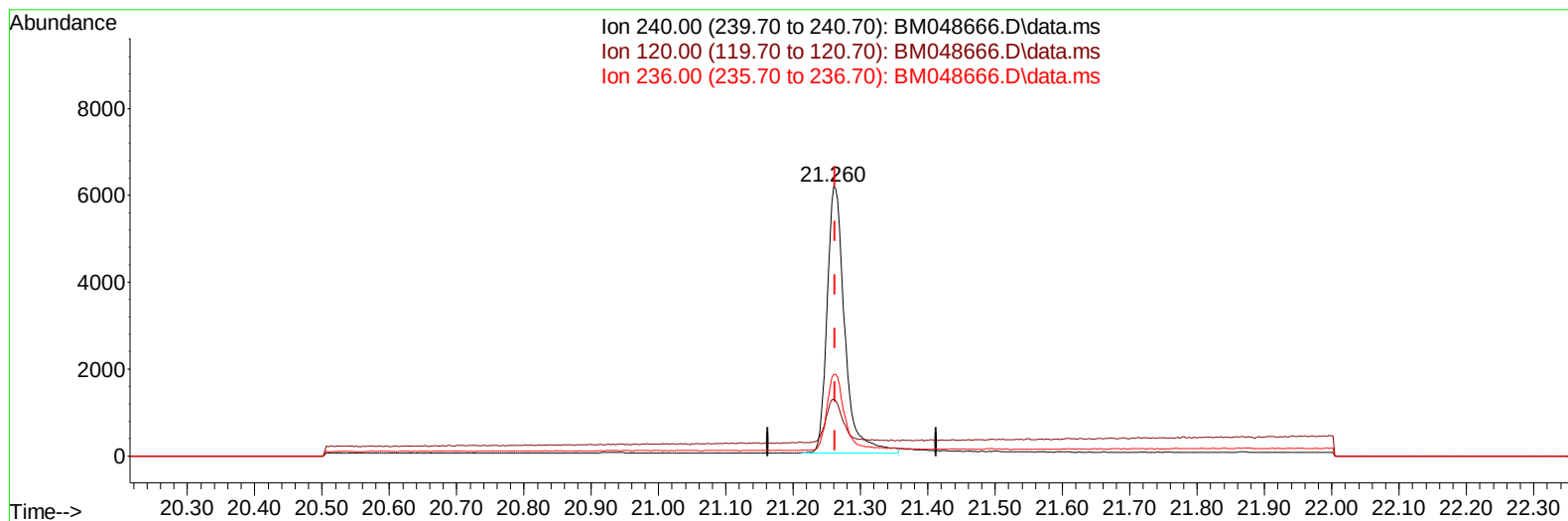
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111324\  
Data File : BM048666.D  
Acq On : 14 Nov 2024 11:20  
Operator : RC/JU  
Sample : P4801-12  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GCPB3

Manual IntegrationsAPPROVED

Quant Time: Nov 14 12:02:14 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM110624.M  
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TIC: BM048666.D\data.ms

(17) Chrysene-d12

21.260min (-0.003) 0.40 ng/ul m

response 11340

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 20.50  | 21.03  |
| 236.00 | 29.90  | 30.35  |
| 0.00   | 0.00   | 0.00   |

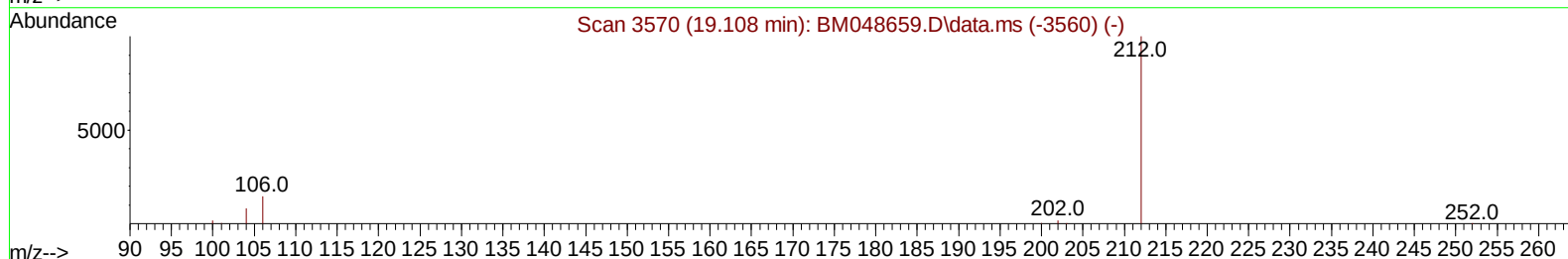
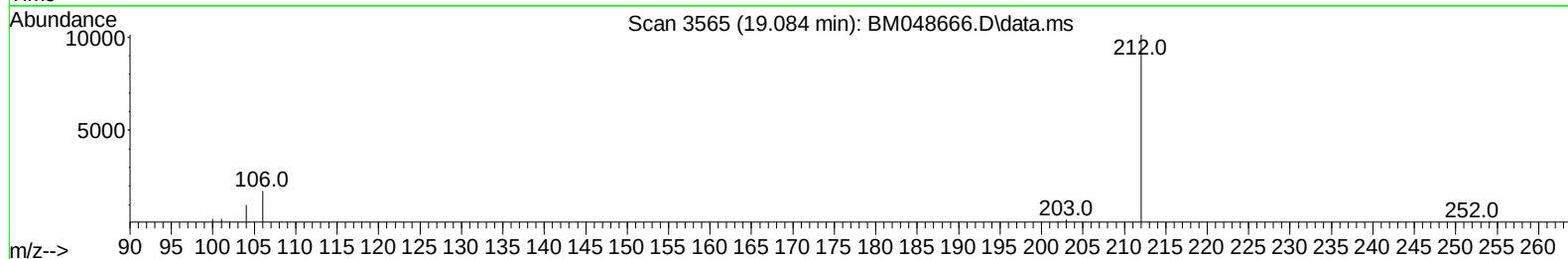
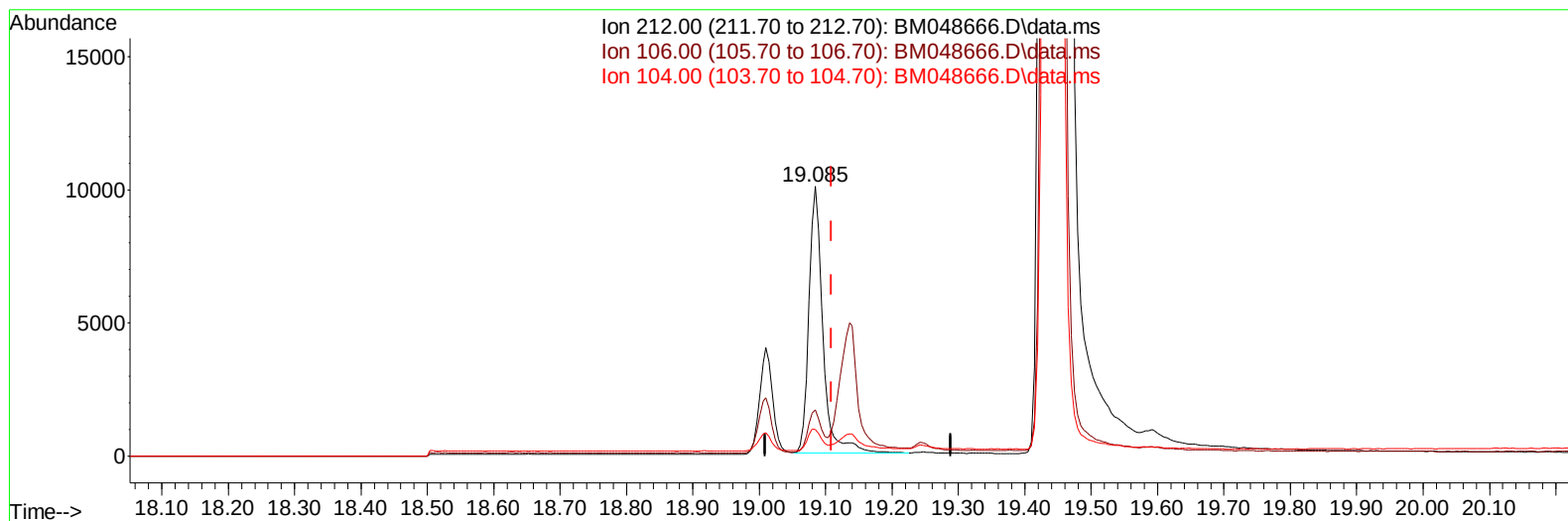
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111324\  
Data File : BM048666.D  
Acq On : 14 Nov 2024 11:20  
Operator : RC/JU  
Sample : P4801-12  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GCPB3

Manual IntegrationsAPPROVED

Quant Time: Nov 14 12:02:14 2024  
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TIC: BM048666.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.084min (-0.025) 0.46 ng/u1

response 14507

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 212.00 | 100.00 | 100.00 |
| 106.00 | 14.00  | 16.10  |
| 104.00 | 7.80   | 8.61   |
| 0.00   | 0.00   | 0.00   |

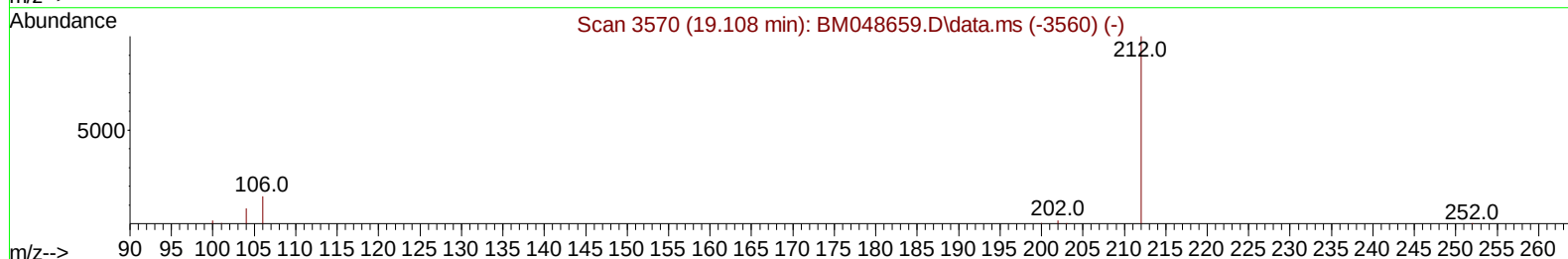
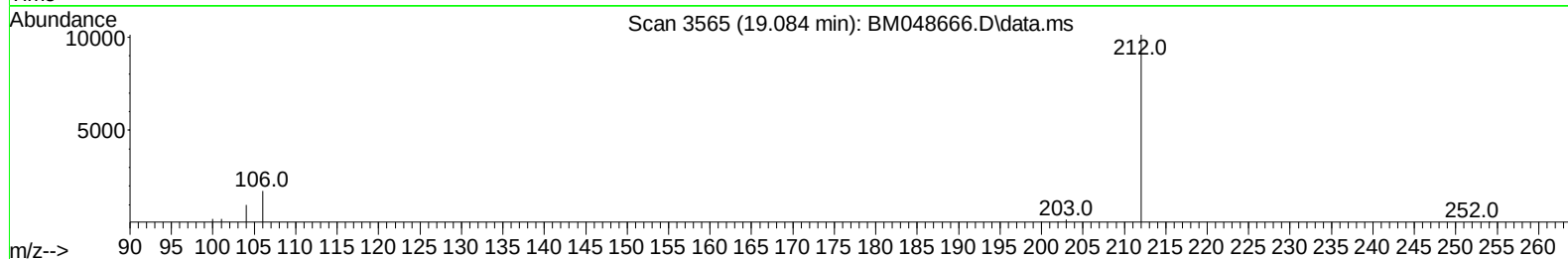
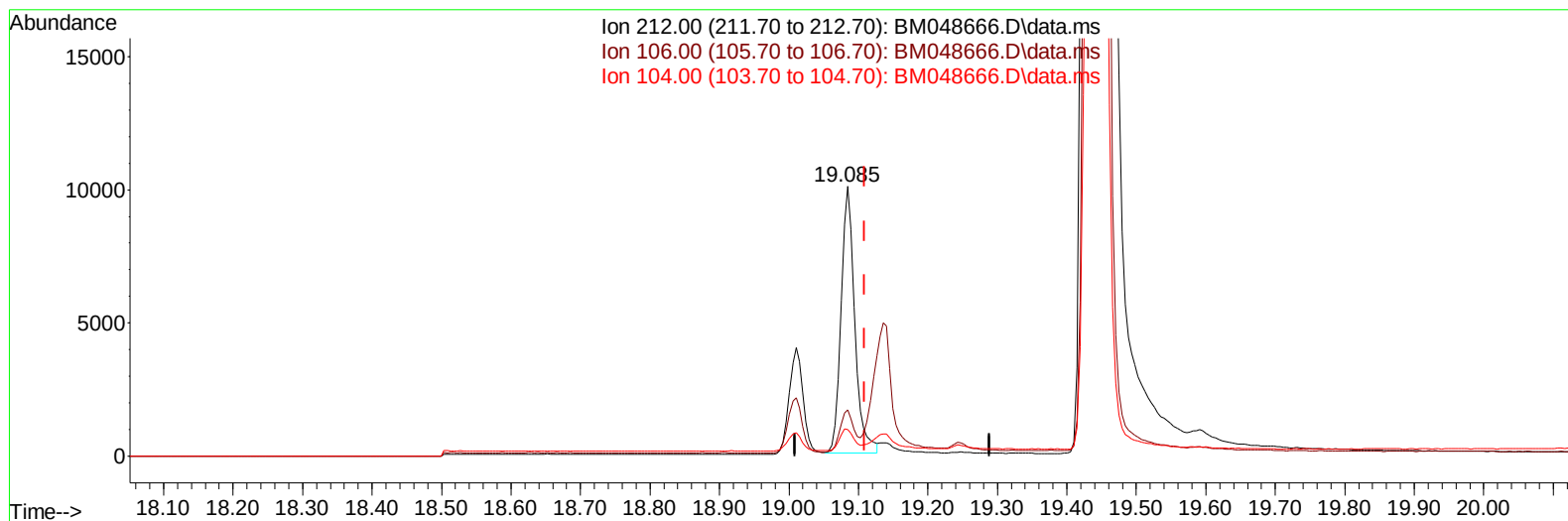
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111324\  
Data File : BM048666.D  
Acq On : 14 Nov 2024 11:20  
Operator : RC/JU  
Sample : P4801-12  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GCPB3

Manual IntegrationsAPPROVED

Quant Time: Nov 14 12:02:14 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: BM048666.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.084min (-0.025) 0.44 ng/ul m

response 13864

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 212.00 | 100.00 | 100.00 |
| 106.00 | 14.00  | 16.85# |
| 104.00 | 7.80   | 9.01   |
| 0.00   | 0.00   | 0.00   |

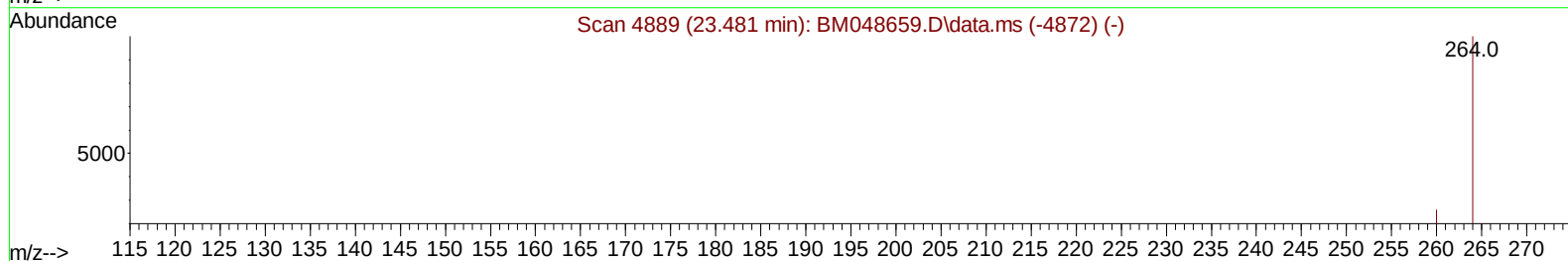
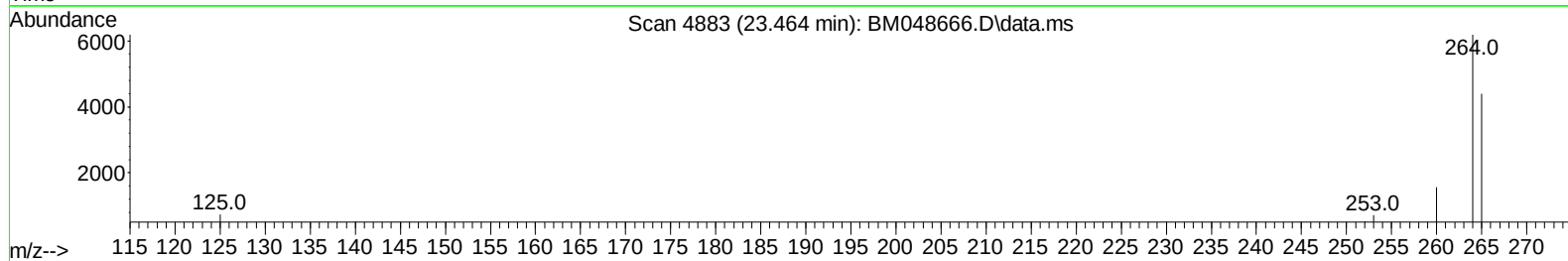
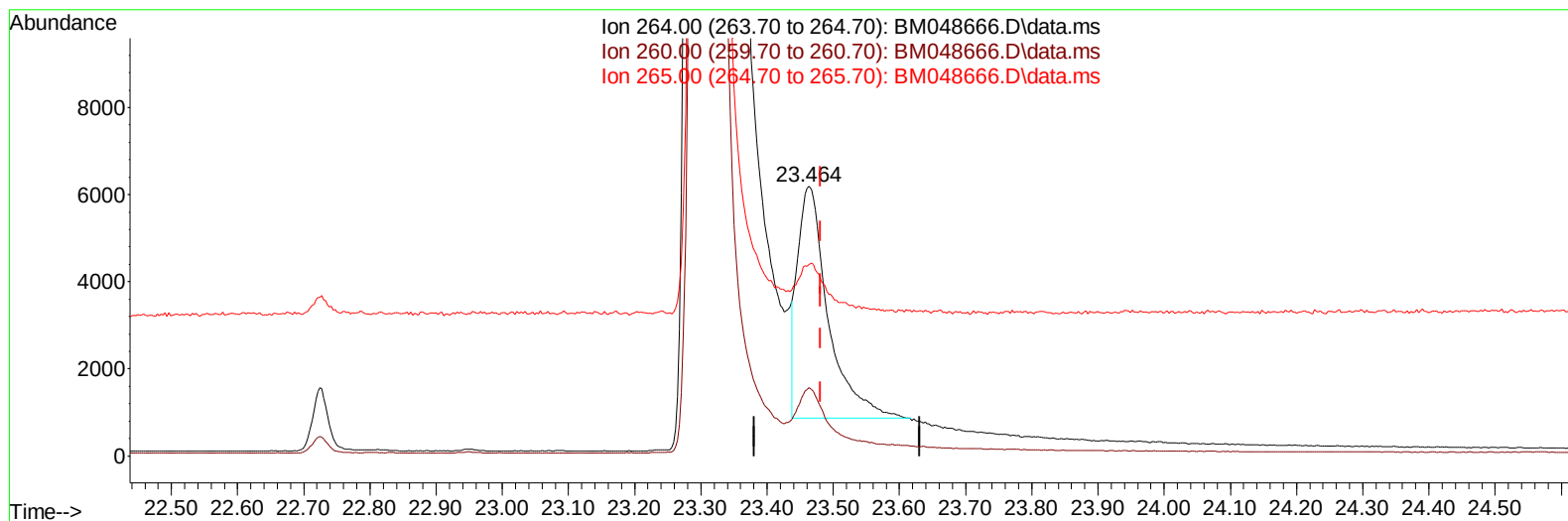
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111324\  
Data File : BM048666.D  
Acq On : 14 Nov 2024 11:20  
Operator : RC/JU  
Sample : P4801-12  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GCPB3

Manual IntegrationsAPPROVED

Quant Time: Nov 14 12:02:14 2024  
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TIC: BM048666.D\data.ms

(23) Perylene-d12 (I)

23.464min (-0.017) 0.40 ng/u1

response 17037

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.30  | 25.43  |
| 265.00 | 119.80 | 71.03# |
| 0.00   | 0.00   | 0.00   |

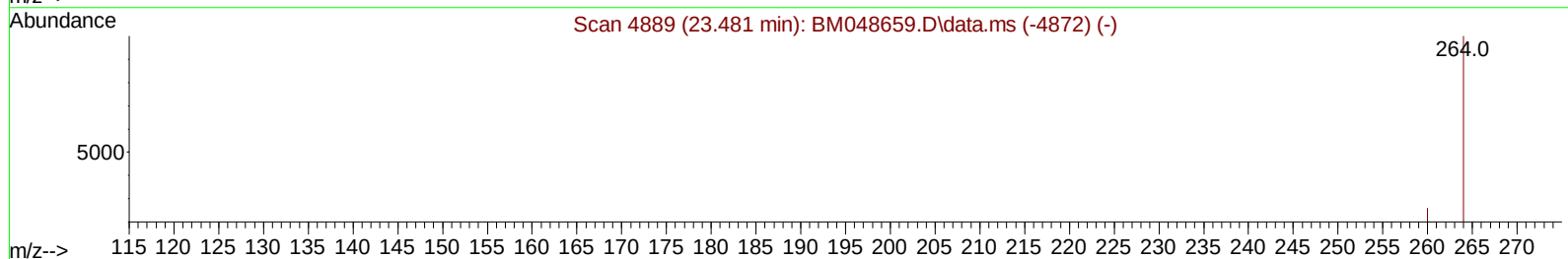
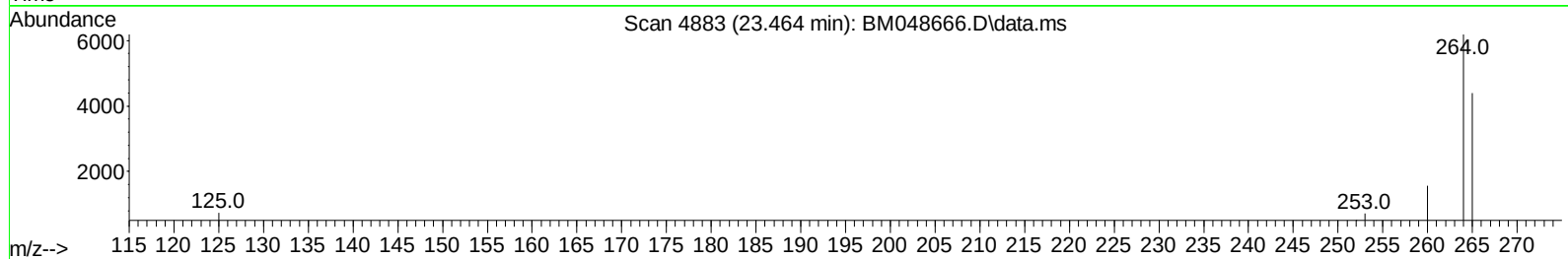
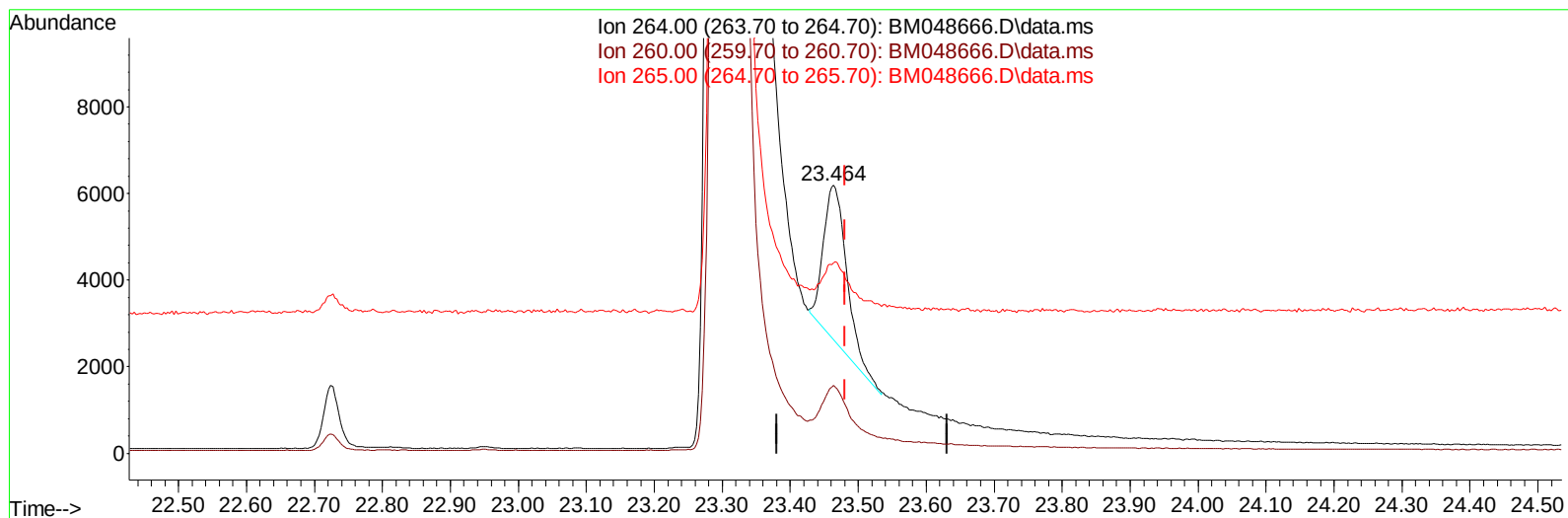
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111324\  
Data File : BM048666.D  
Acq On : 14 Nov 2024 11:20  
Operator : RC/JU  
Sample : P4801-12  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
GCPB3

Manual IntegrationsAPPROVED

Quant Time: Nov 14 12:02:14 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM110624.M  
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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: BM048666.D\data.ms

(23) Perylene-d12 (I)

23.464min (-0.017) 0.40 ng/ul m

response 8331

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.30  | 25.43  |
| 265.00 | 119.80 | 71.03# |
| 0.00   | 0.00   | 0.00   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111324\  
 Data File : BM048666.D  
 Acq On : 14 Nov 2024 11:20  
 Operator : RC/JU  
 Sample : P4801-12  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 GCPB3

## Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 11/15/2024

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| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.662  | 152  | 3786     | 0.400 | ng/ul | -0.08    |
| 4) Naphthalene-d8           | 10.440 | 136  | 12043    | 0.400 | ng/ul | -0.06    |
| 9) Acenaphthene-d10         | 14.307 | 164  | 6348     | 0.400 | ng/ul | -0.02    |
| 13) Phenanthrene-d10        | 17.051 | 188  | 13209m   | 0.400 | ng/ul | -0.04    |
| 17) Chrysene-d12            | 21.260 | 240  | 11340m   | 0.400 | ng/ul | 0.00     |
| 23) Perylene-d12            | 23.464 | 264  | 8331m    | 0.400 | ng/ul | -0.02    |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 3) 1,4-Dioxane-d8           | 3.122  | 96   | 22242    | 4.870 | ng/ul | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.068 | 152  | 5011     | 0.322 | ng/ul | -0.03    |
| 18) Fluoranthene-d10        | 19.084 | 212  | 13864m   | 0.435 | ng/ul | -0.02    |

|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
|------------------|--------|

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

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GCPB3

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