

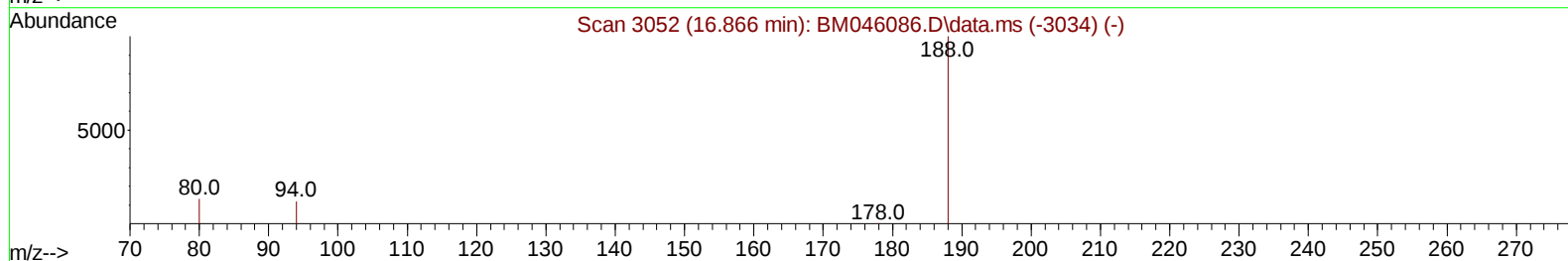
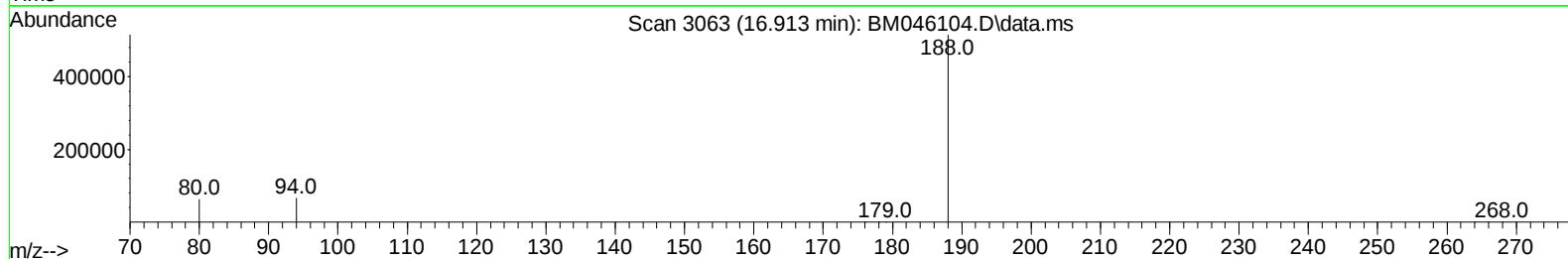
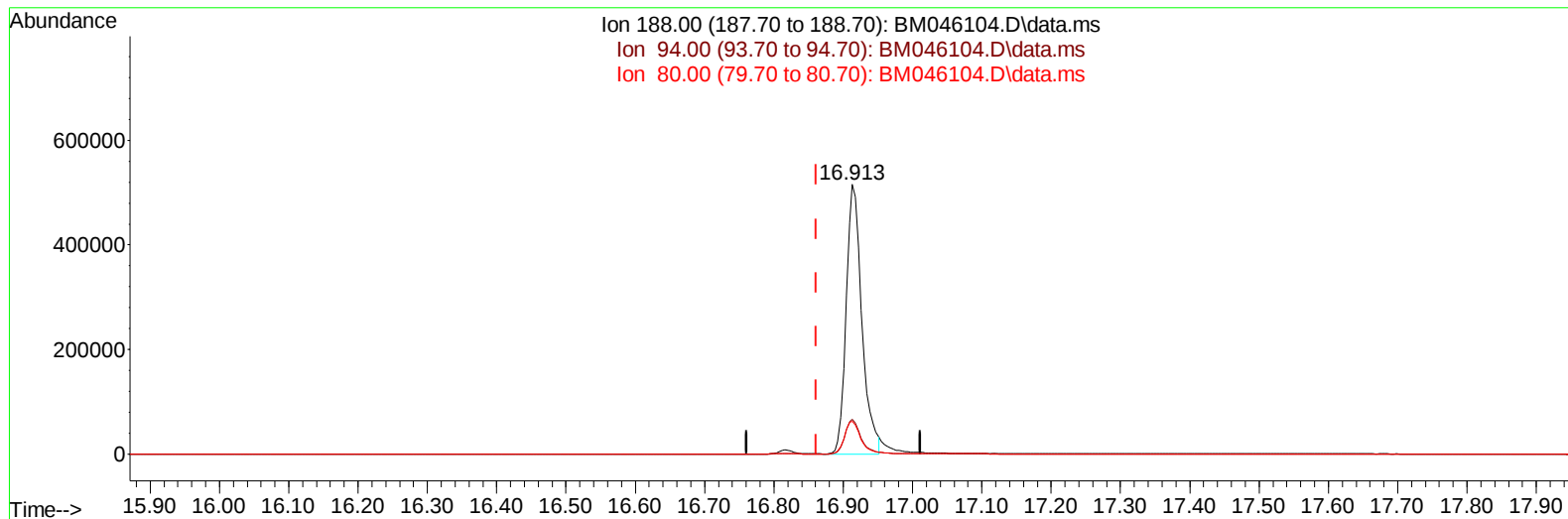
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061824\  
Data File : BM046104.D  
Acq On : 20 Jun 2024 02:44  
Operator : MA/JU  
Sample : PB161389BL  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SBLK389

Manual IntegrationsAPPROVED

Quant Time: Jun 20 03:27:26 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM061824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jun 18 13:58:29 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/20/2024  
Supervised By :mohammad ahmed 06/21/2024



TIC: BM046104.D\data.ms

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

**16.913min (+ 0.052) 0.40 ng/u1**

**response 810234**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 13.80  | 12.80  |
| 80.00  | 15.20  | 12.28  |
| 0.00   | 0.00   | 0.00   |

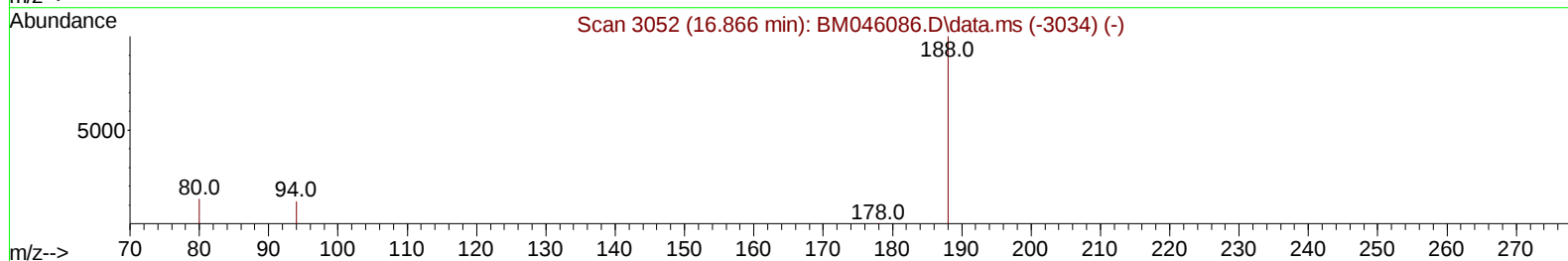
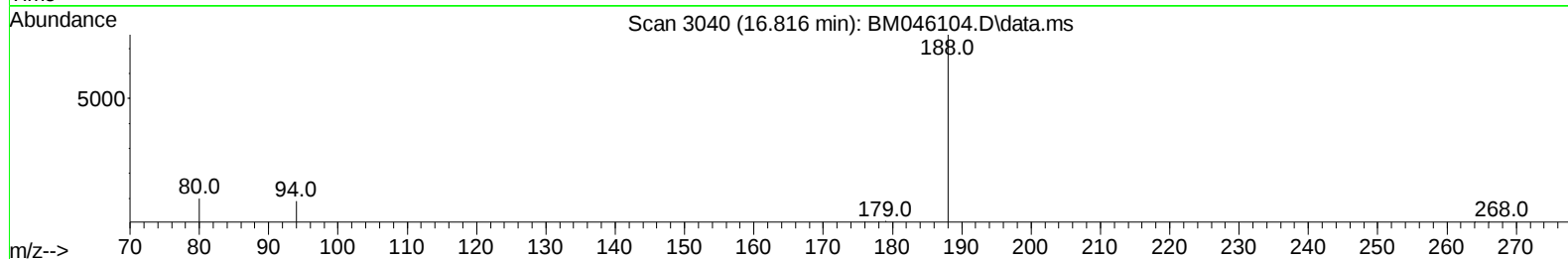
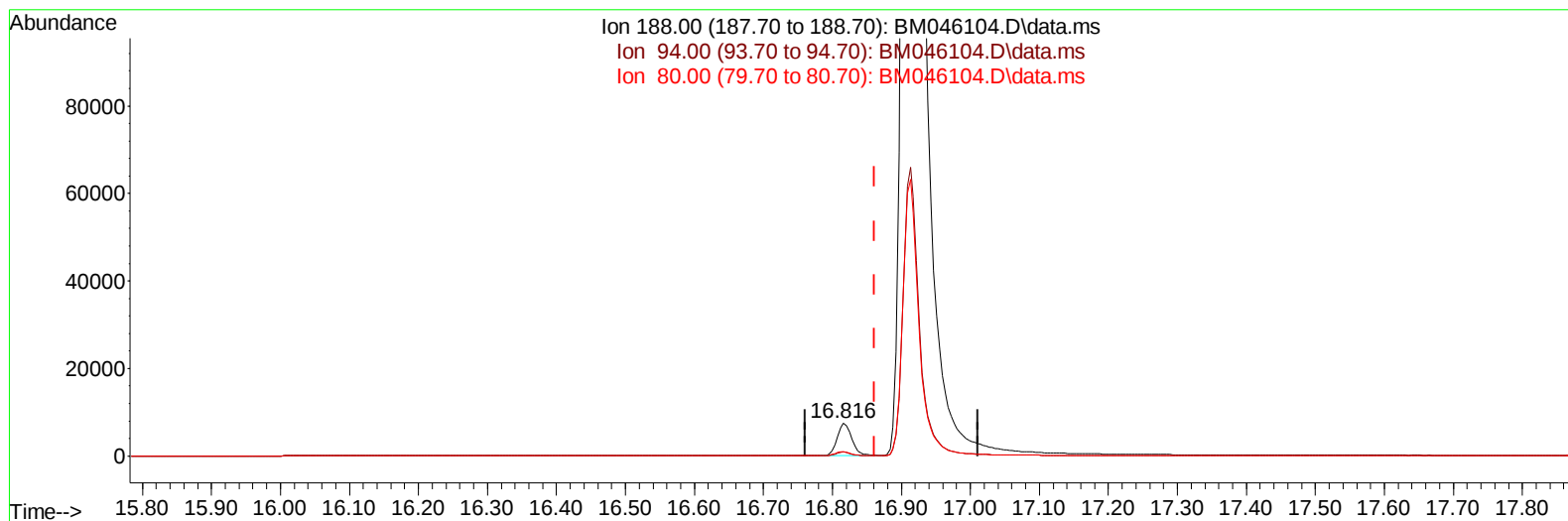
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061824\  
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Manual IntegrationsAPPROVED

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TIC: BM046104.D\data.ms

(13) Phenanthrene-d10 (I)

16.816min (-0.045) 0.40 ng/u1 m

response 11082

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 13.80  | 11.79  |
| 80.00  | 15.20  | 13.22  |
| 0.00   | 0.00   | 0.00   |

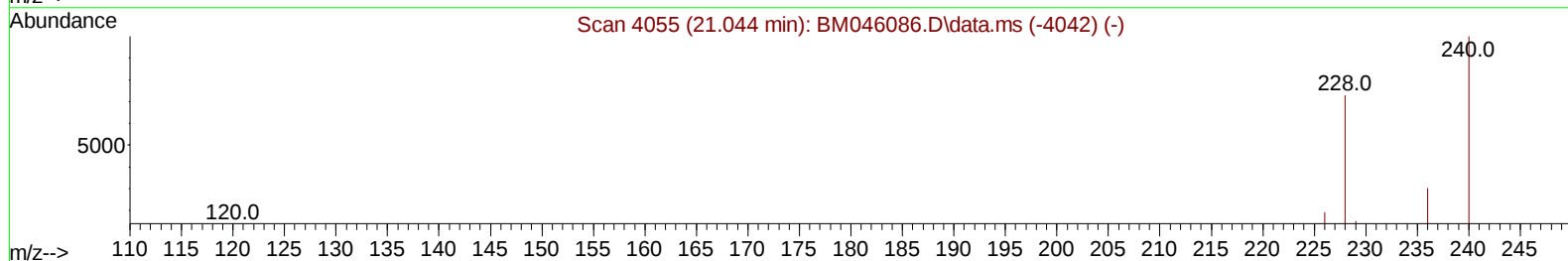
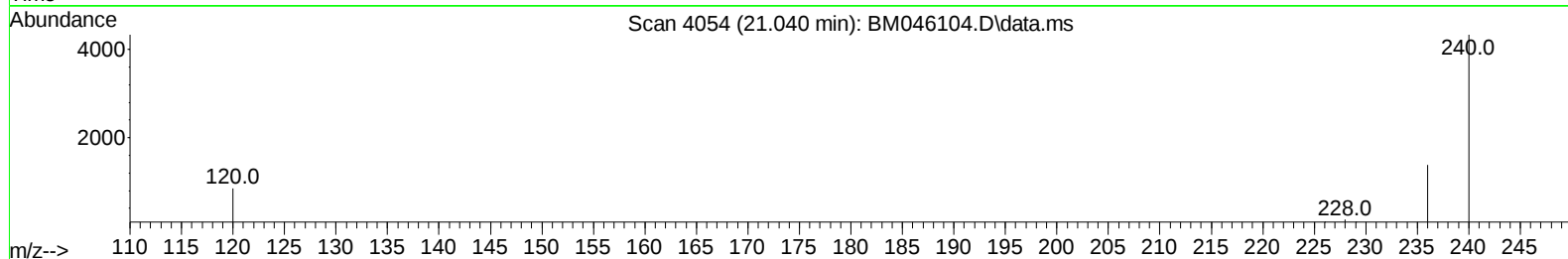
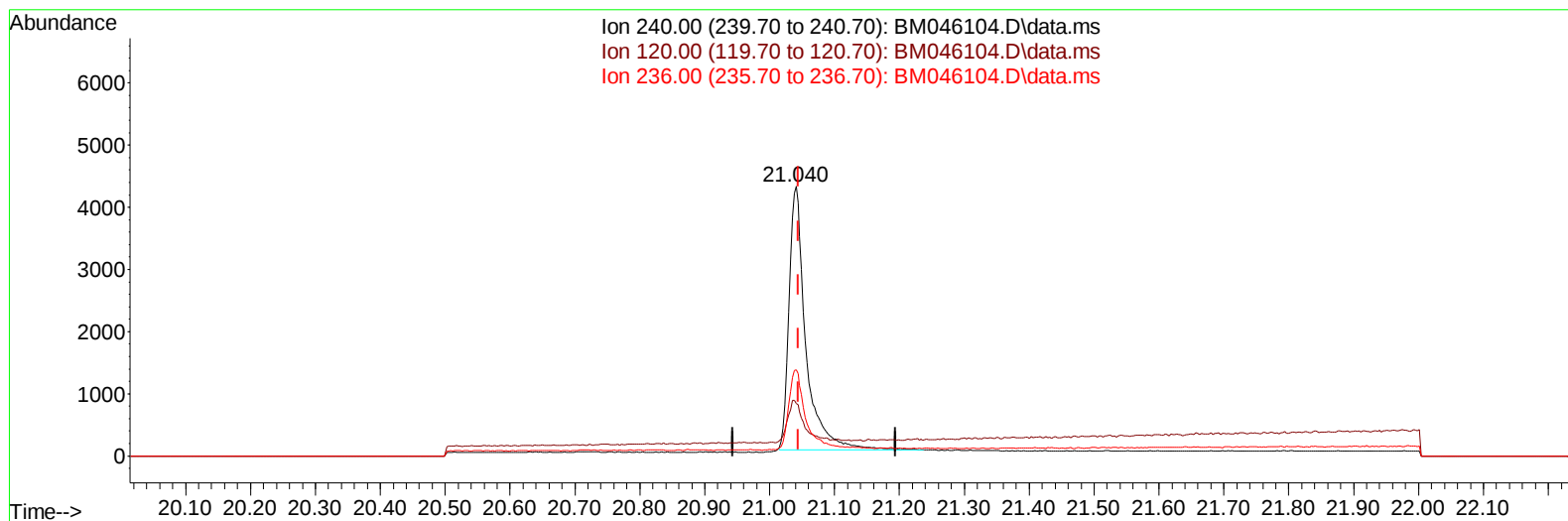
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061824\  
Data File : BM046104.D  
Acq On : 20 Jun 2024 02:44  
Operator : MA/JU  
Sample : PB161389BL  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Manual IntegrationsAPPROVED

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TIC: BM046104.D\data.ms

(17) Chrysene-d12

21.040min (-0.003) 0.40 ng/u1

response 7850

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 23.50  | 19.50  |
| 236.00 | 33.60  | 32.00  |
| 0.00   | 0.00   | 0.00   |

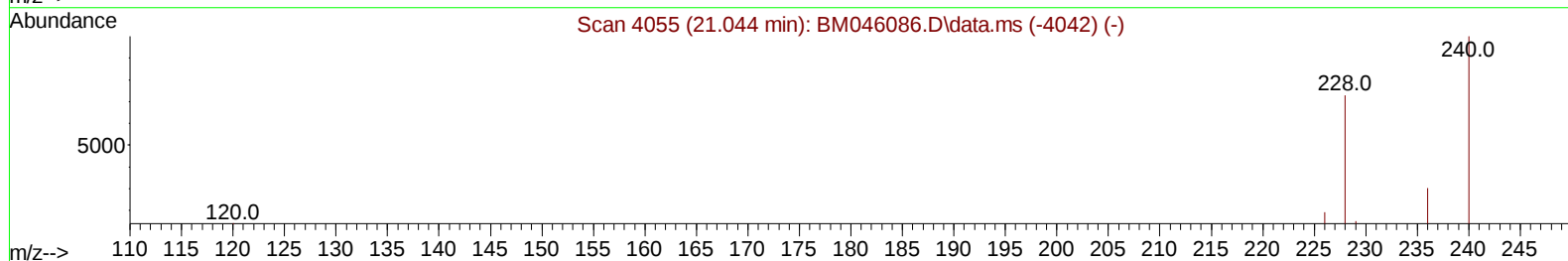
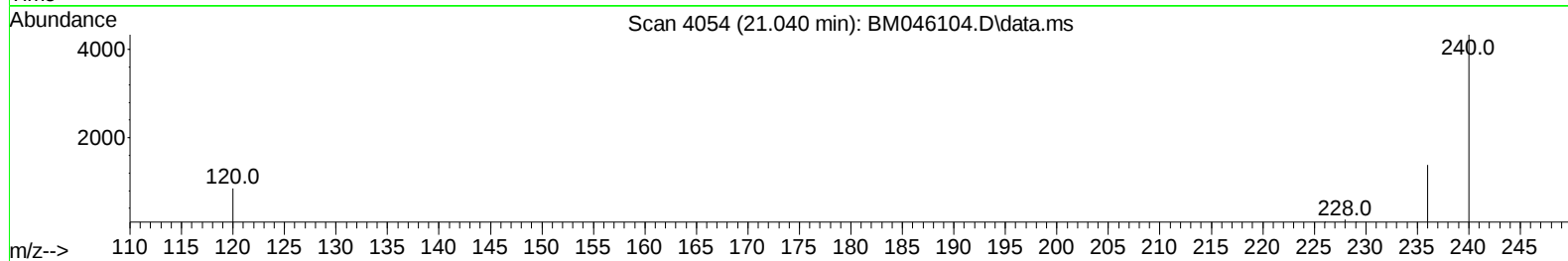
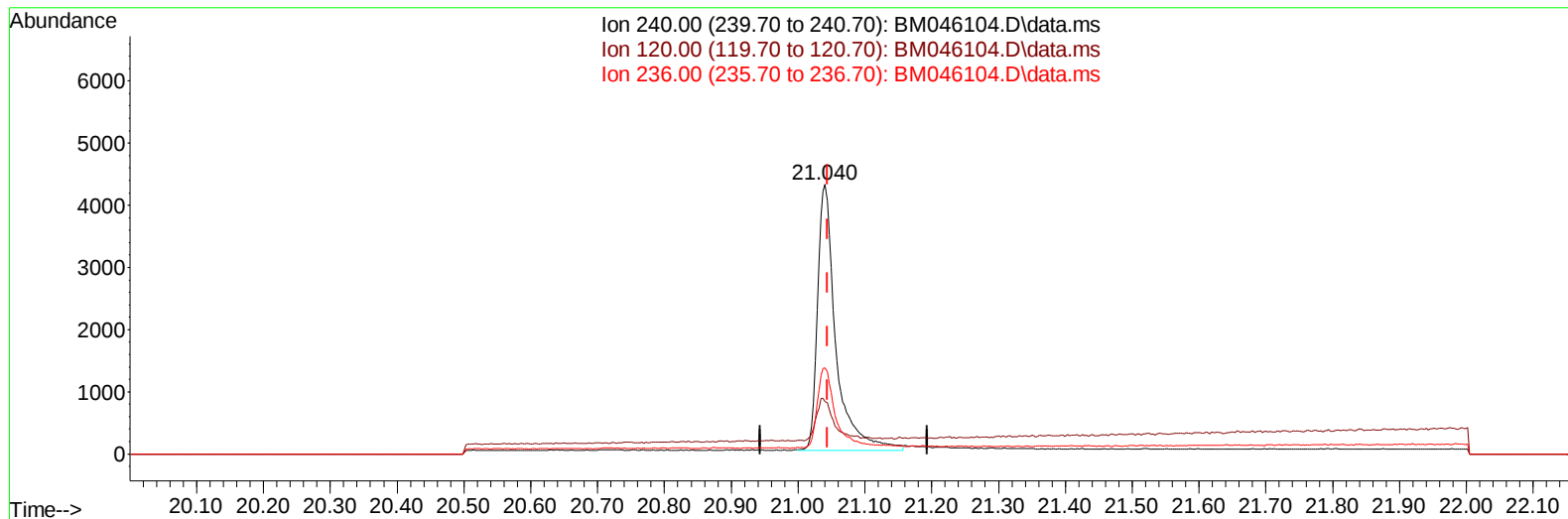
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061824\  
Data File : BM046104.D  
Acq On : 20 Jun 2024 02:44  
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ALS Vial : 21 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BM046104.D\data.ms

(17) Chrysene-d12

21.040min (-0.003) 0.40 ng/ul m

response 8071

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 23.50  | 19.50  |
| 236.00 | 33.60  | 32.00  |
| 0.00   | 0.00   | 0.00   |

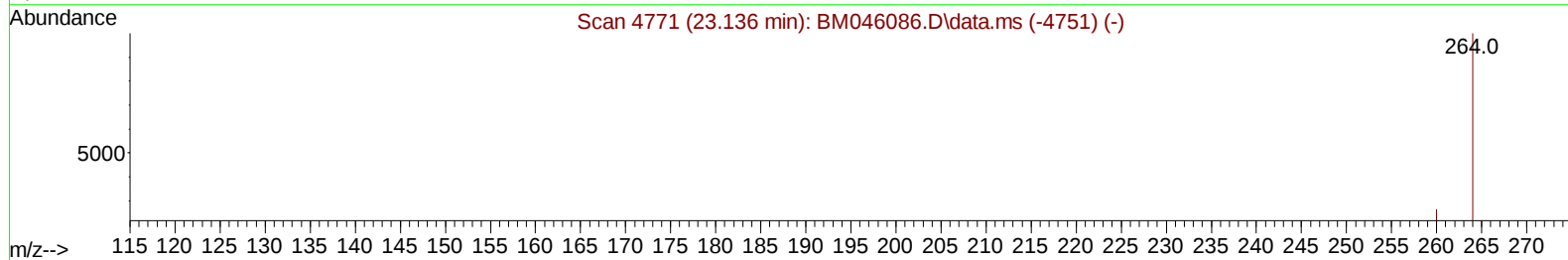
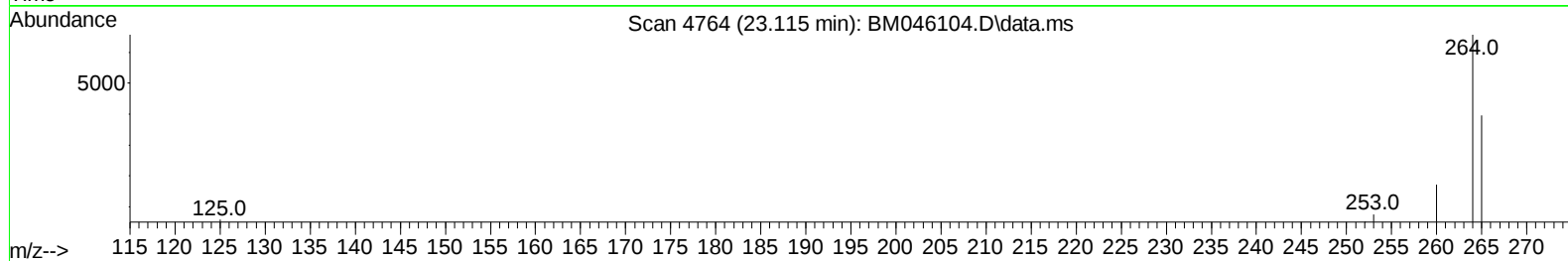
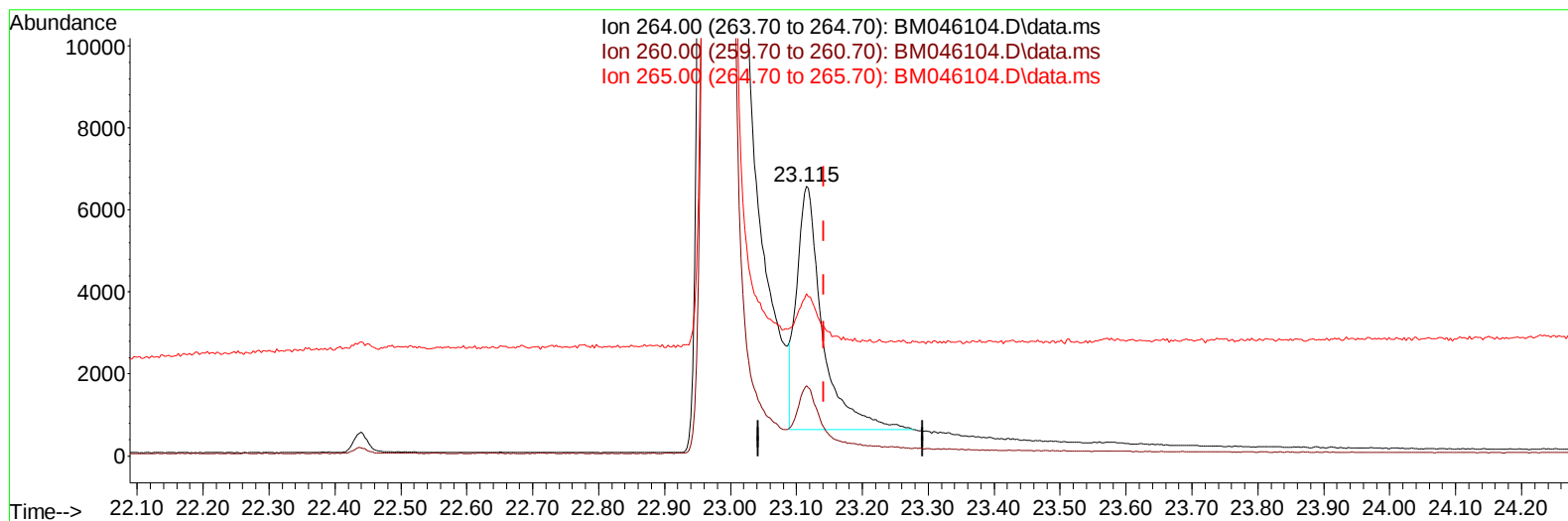
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061824\  
Data File : BM046104.D  
Acq On : 20 Jun 2024 02:44  
Operator : MA/JU  
Sample : PB161389BL  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SBLK389

## Manual IntegrationsAPPROVED

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TIC: BM046104.D\data.ms

## (23) Perylene-d12 (I)

23.115min (-0.027) 0.40 ng/u1

response 16212

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 28.20  | 26.04  |
| 265.00 | 110.60 | 60.25# |
| 0.00   | 0.00   | 0.00   |

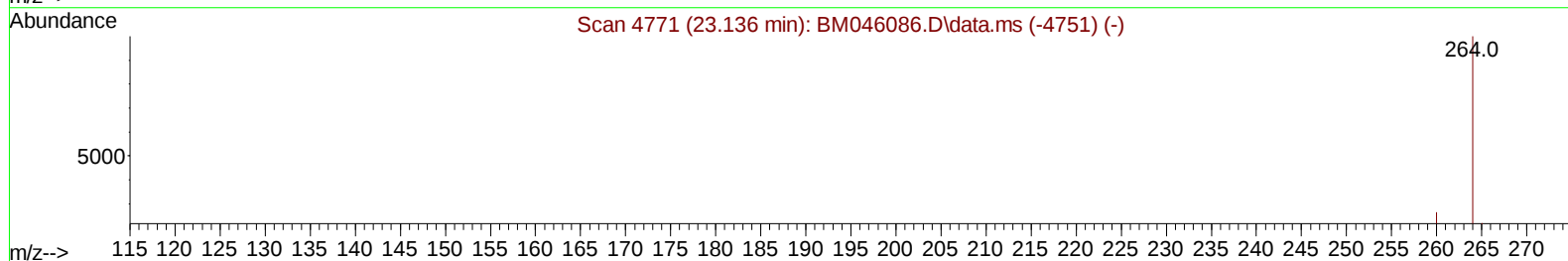
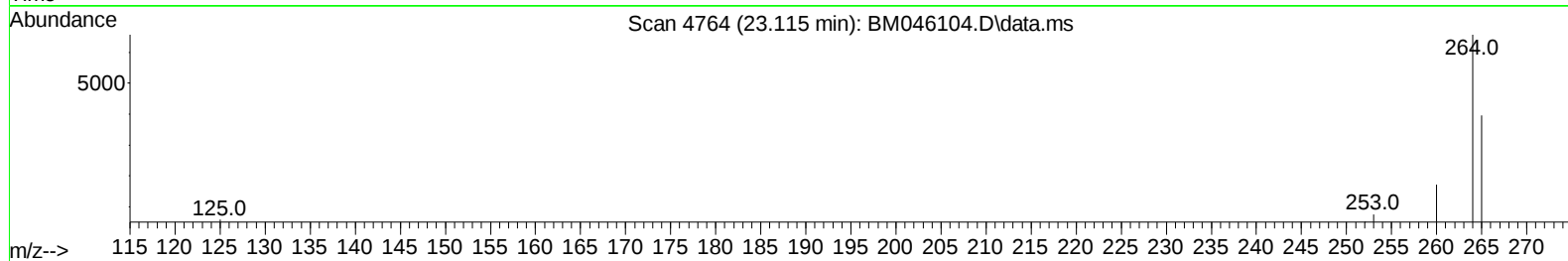
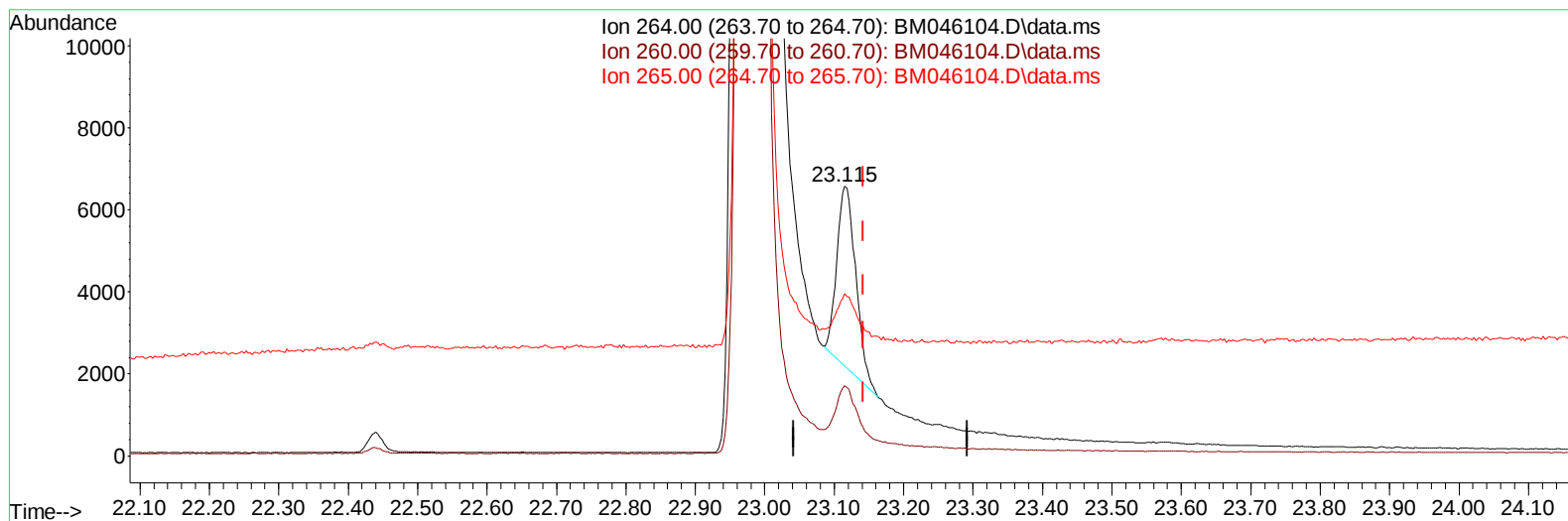
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061824\  
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Sample : PB161389BL  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Manual IntegrationsAPPROVED

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Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/20/2024  
Supervised By :mohammad ahmed 06/21/2024



TIC: BM046104.D\data.ms

(23) Perylene-d12 (I)

23.115min (-0.027) 0.40 ng/ul m

response 8314

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 28.20  | 26.04  |
| 265.00 | 110.60 | 60.25# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061824\  
 Data File : BM046104.D  
 Acq On : 20 Jun 2024 02:44  
 Operator : MA/JU  
 Sample : PB161389BL  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK389

## Manual IntegrationsAPPROVED

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 QLast Update : Tue Jun 18 13:58:29 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.426  | 152  | 3466     | 0.400 | ng/ul | -0.04    |
| 4) Naphthalene-d8           | 10.194 | 136  | 9731     | 0.400 | ng/ul | #-0.06   |
| 9) Acenaphthene-d10         | 14.076 | 164  | 5108     | 0.400 | ng/ul | -0.04    |
| 13) Phenanthrene-d10        | 16.816 | 188  | 11082m   | 0.400 | ng/ul | -0.05    |
| 17) Chrysene-d12            | 21.040 | 240  | 8071m    | 0.400 | ng/ul | 0.00     |
| 23) Perylene-d12            | 23.115 | 264  | 8314m    | 0.400 | ng/ul | -0.03    |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 3) 1,4-Dioxane-d8           | 3.029  | 96   | 25330    | 5.327 | ng/ul | -0.02    |
| 6) 2-Methylnaphthalene-d10  | 11.838 | 152  | 3947     | 0.302 | ng/ul | -0.03    |
| 18) Fluoranthene-d10        | 18.853 | 212  | 9108     | 0.377 | ng/ul | -0.03    |

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

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

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