

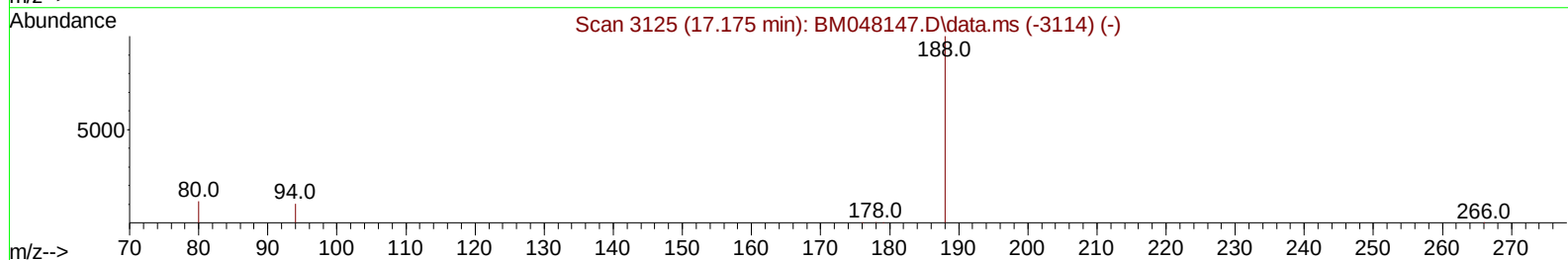
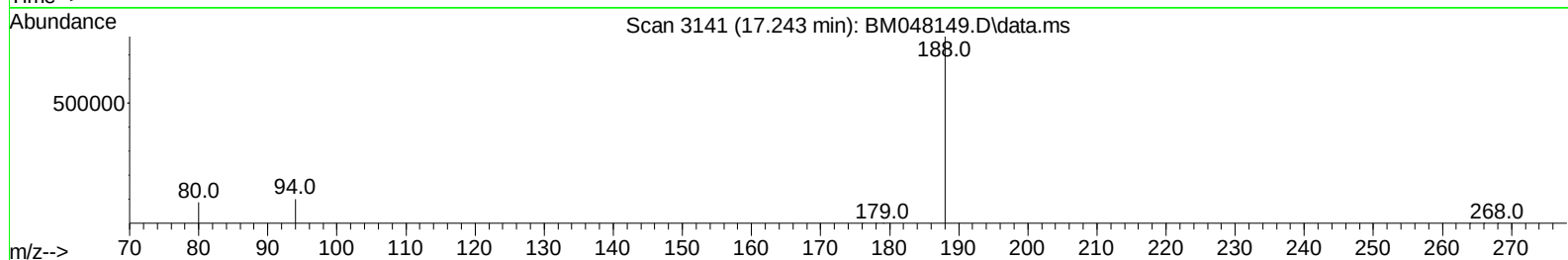
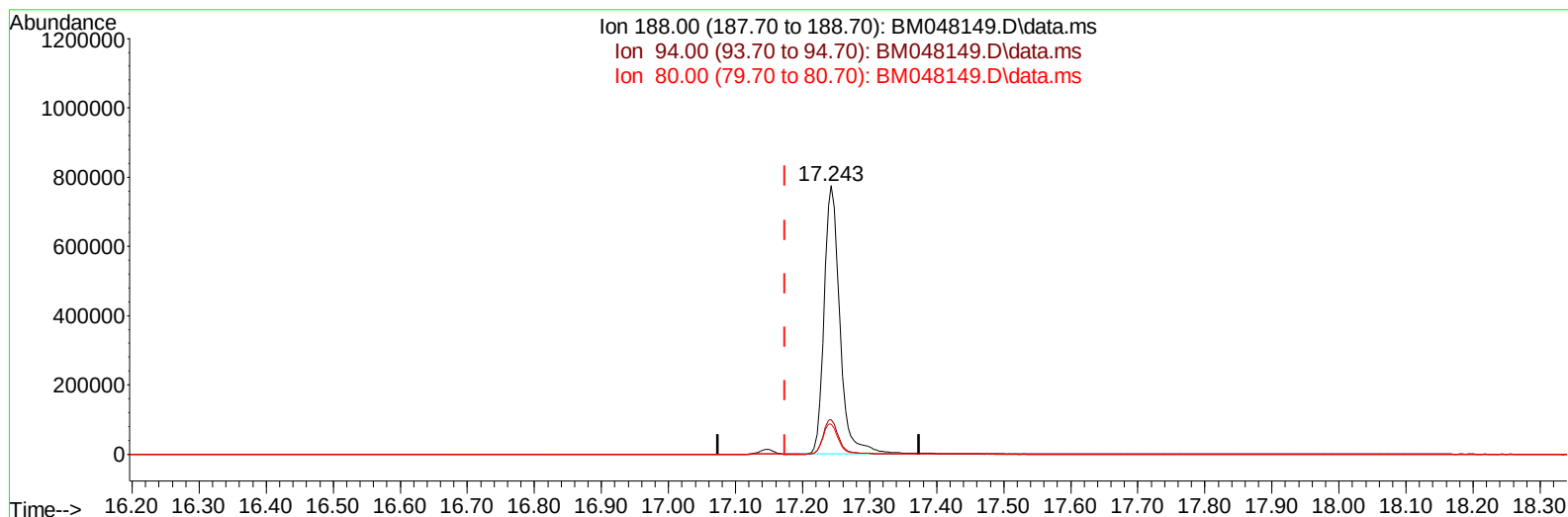
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102124\  
Data File : BM048149.D  
Acq On : 21 Oct 2024 11:34  
Operator : RC/JU  
Sample : PB164164BL  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SBLK164

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/22/2024  
Supervised By :mohammad ahmed 10/23/2024

Quant Time: Oct 21 12:25:10 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM101824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Oct 19 00:48:23 2024  
Response via : Initial Calibration



TIC: BM048149.D\data.ms

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

17.243min (+ 0.069) 0.40 ng/u1

response 1258827

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 11.80  | 12.96  |
| 80.00  | 12.40  | 11.25  |
| 0.00   | 0.00   | 0.00   |

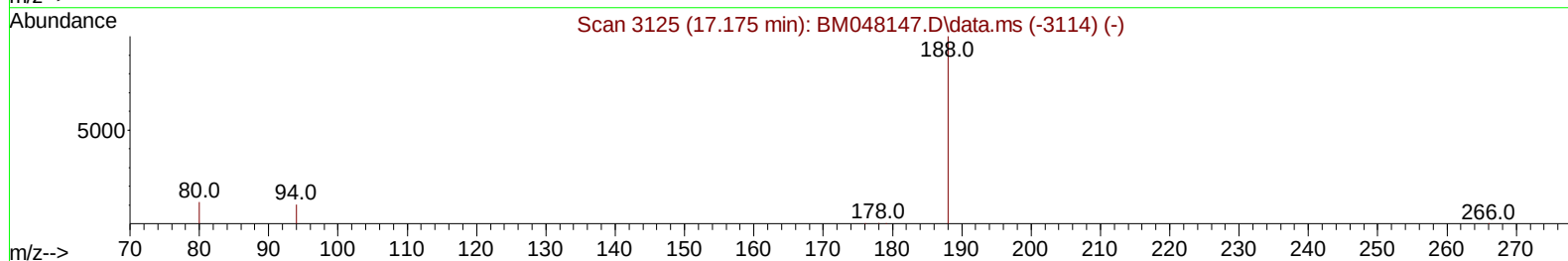
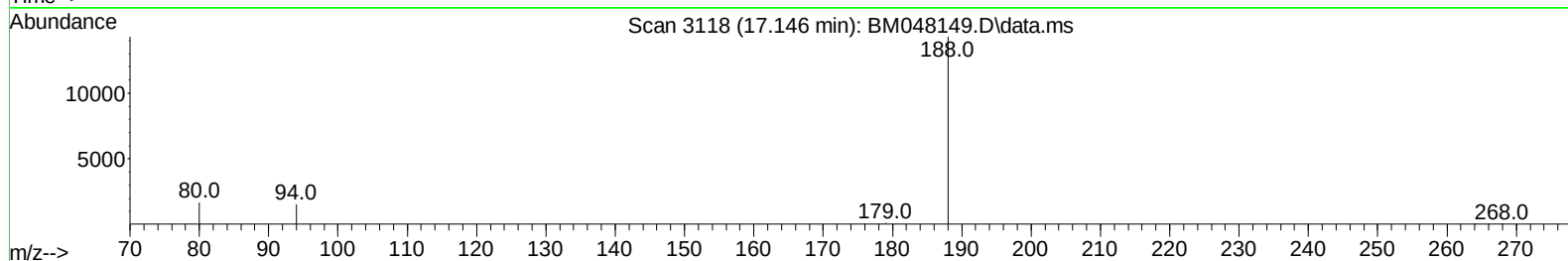
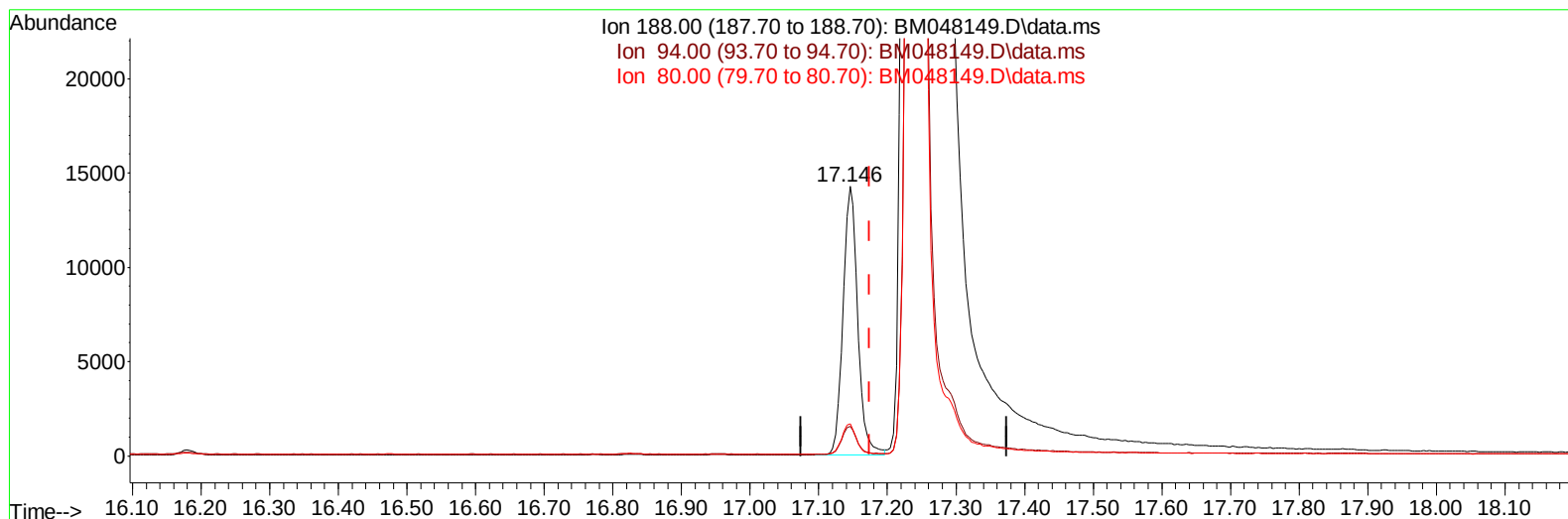
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(13) Phenanthrene-d10 (I)

17.146min (-0.028) 0.40 ng/ul m

response 21010

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 11.80  | 10.93  |
| 80.00  | 12.40  | 11.97  |
| 0.00   | 0.00   | 0.00   |

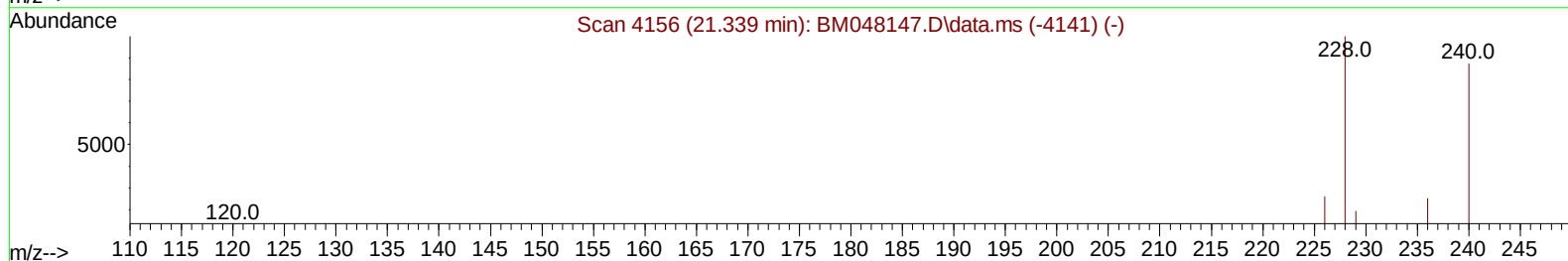
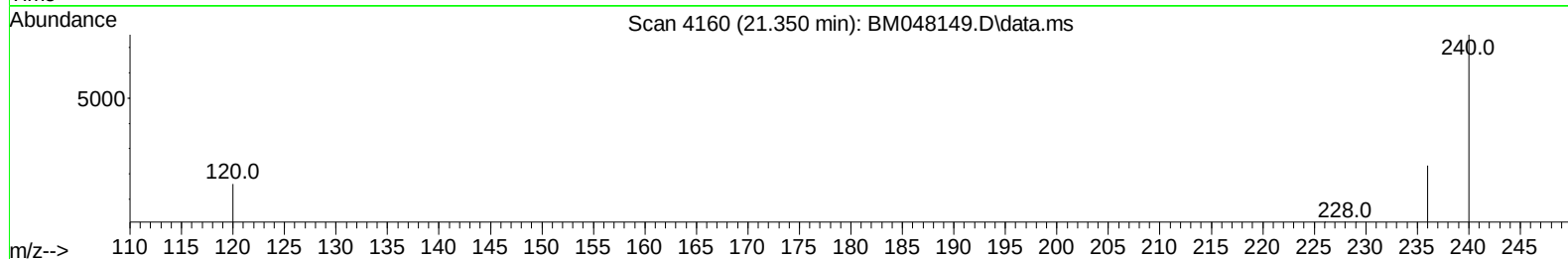
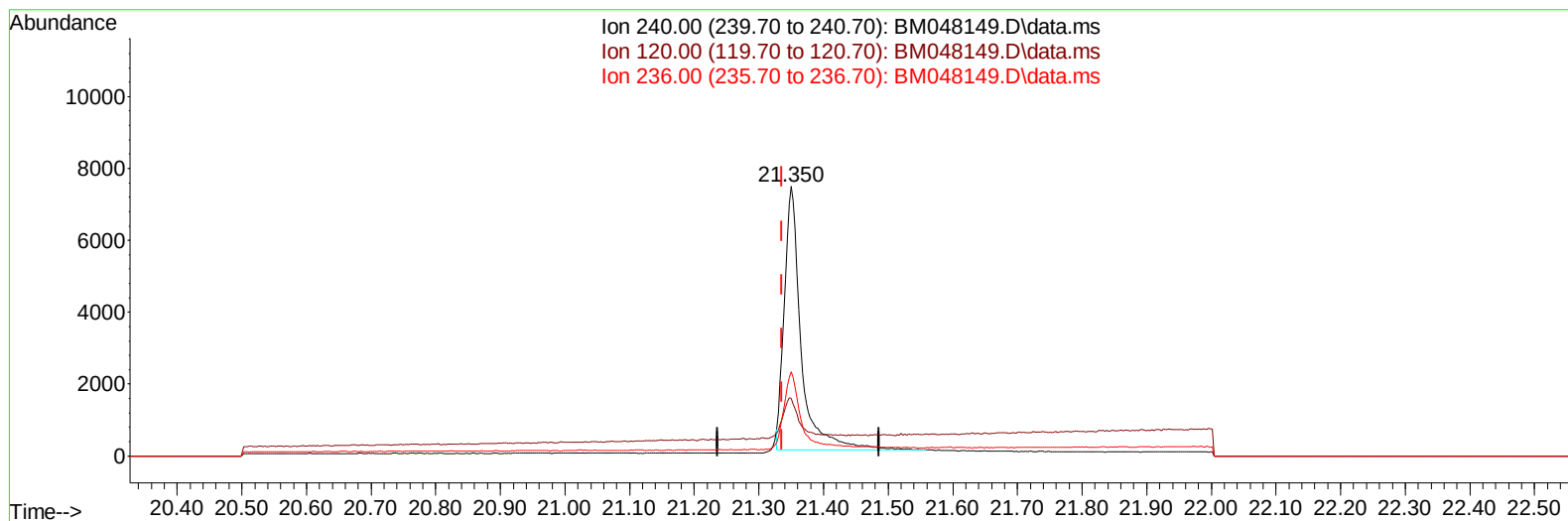
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Data File : BM048149.D  
Acq On : 21 Oct 2024 11:34  
Operator : RC/JU  
Sample : PB164164BL  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Manual IntegrationsAPPROVED

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(17) Chrysene-d12

21.350min (+ 0.014) 0.40 ng/u1

response 13336

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 22.80  | 21.42  |
| 236.00 | 30.60  | 31.22  |
| 0.00   | 0.00   | 0.00   |

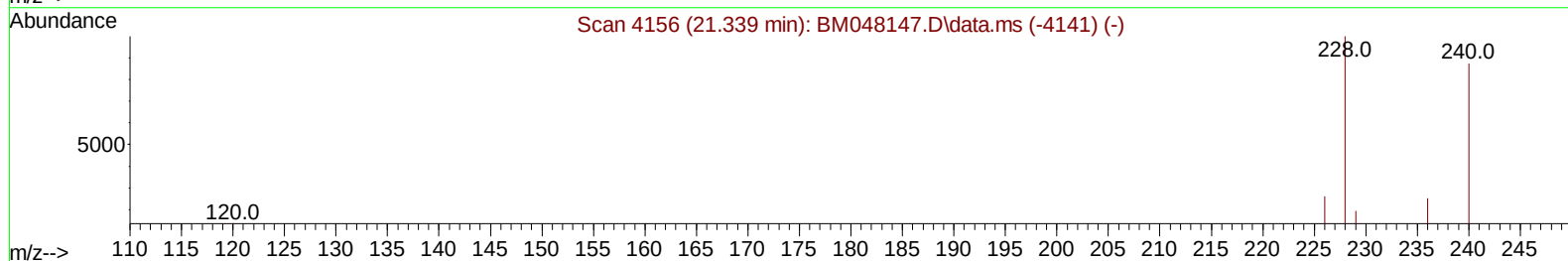
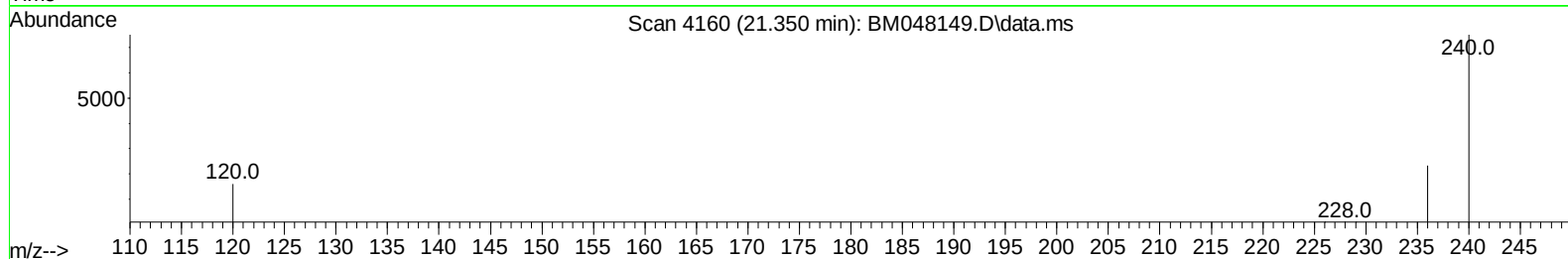
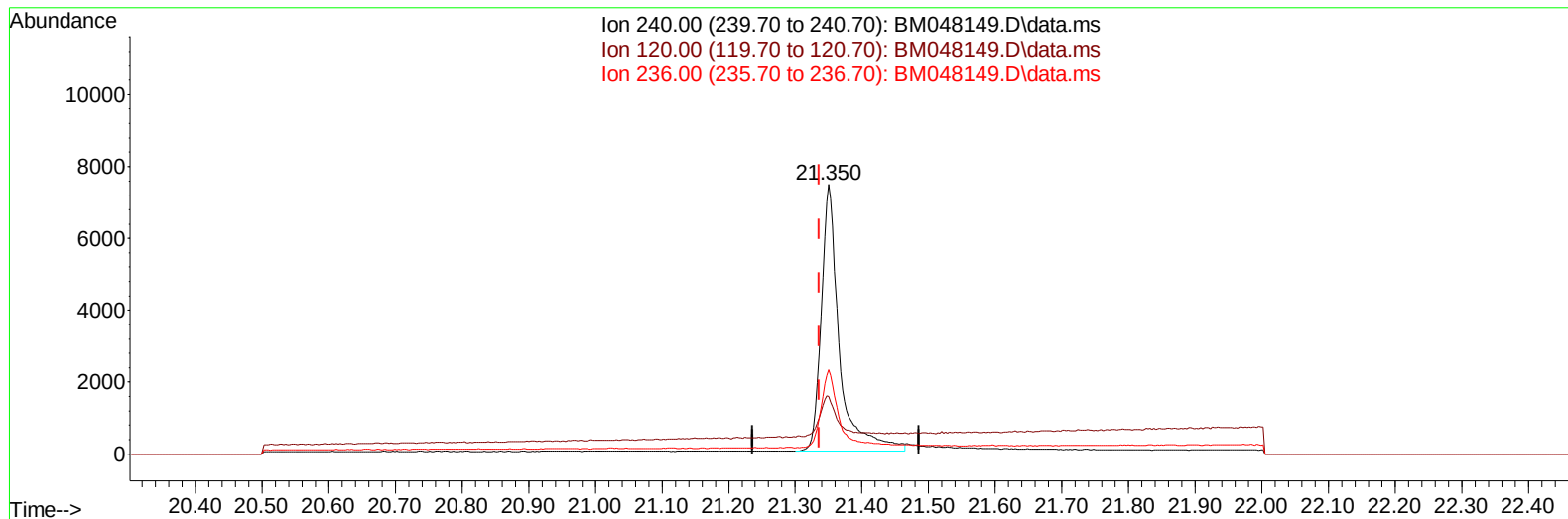
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102124\  
Data File : BM048149.D  
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Operator : RC/JU  
Sample : PB164164BL  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
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Manual IntegrationsAPPROVED

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TIC: BM048149.D\data.ms

(17) Chrysene-d12

21.350min (+ 0.014) 0.40 ng/ul m

response 14118

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 22.80  | 21.42  |
| 236.00 | 30.60  | 31.22  |
| 0.00   | 0.00   | 0.00   |

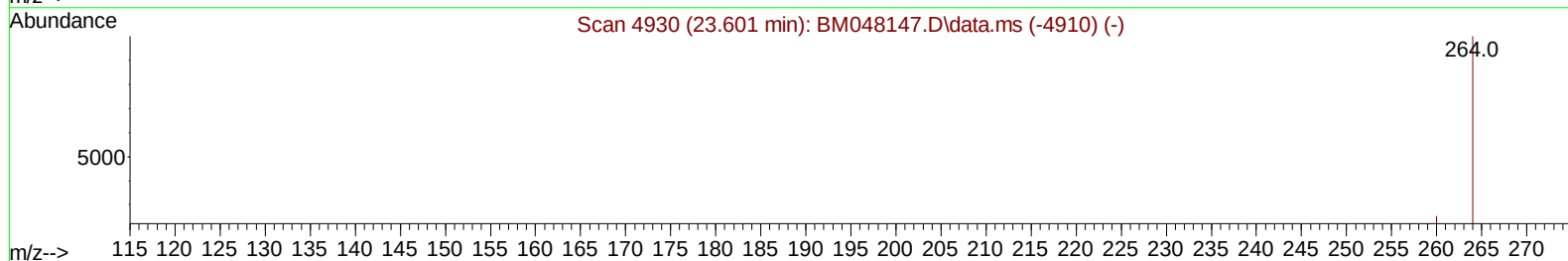
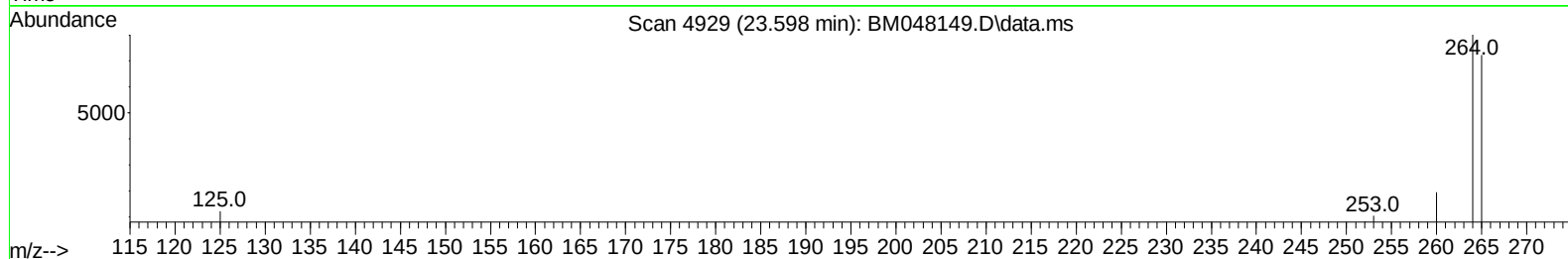
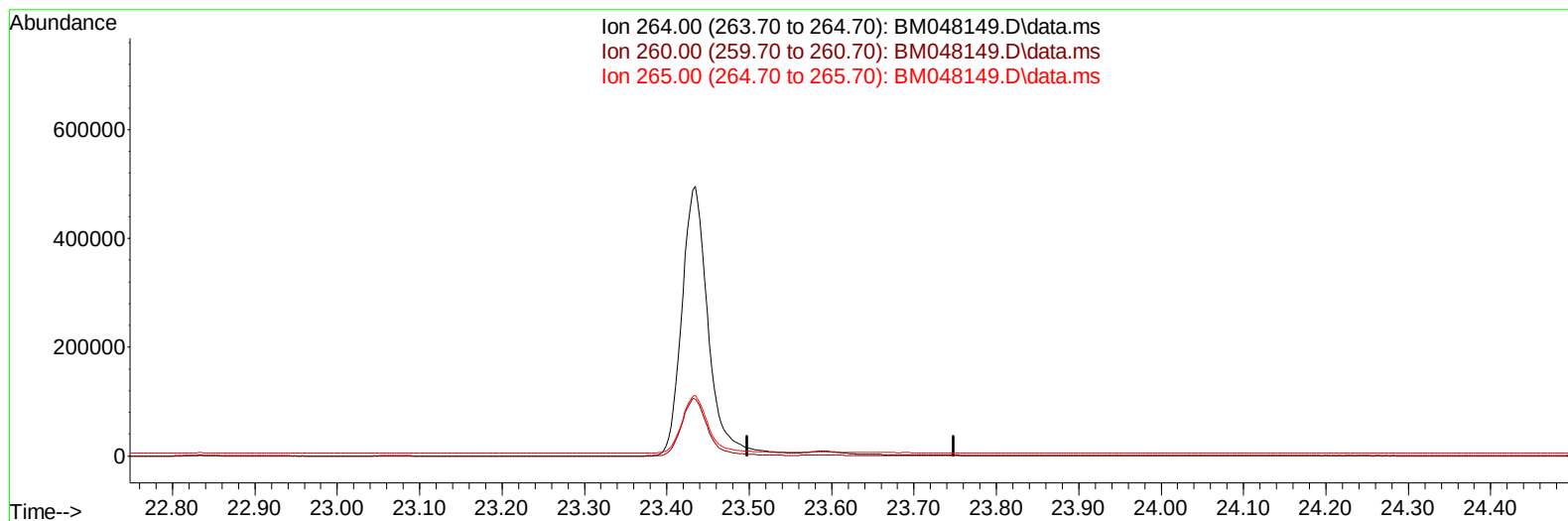
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Data File : BM048149.D  
Acq On : 21 Oct 2024 11:34  
Operator : RC/JU  
Sample : PB164164BL  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SBLK164

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Supervised By :mohammad ahmed 10/23/2024

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TIC: BM048149.D\data.ms

**(23) Perylene-d12 (I)**

23.598min (-23.598) 0.00 ng/ul

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 264.00 | 100.00 | 0.00  |
| 260.00 | 26.80  | 0.00# |
| 265.00 | 128.10 | 0.00# |
| 0.00   | 0.00   | 0.00  |

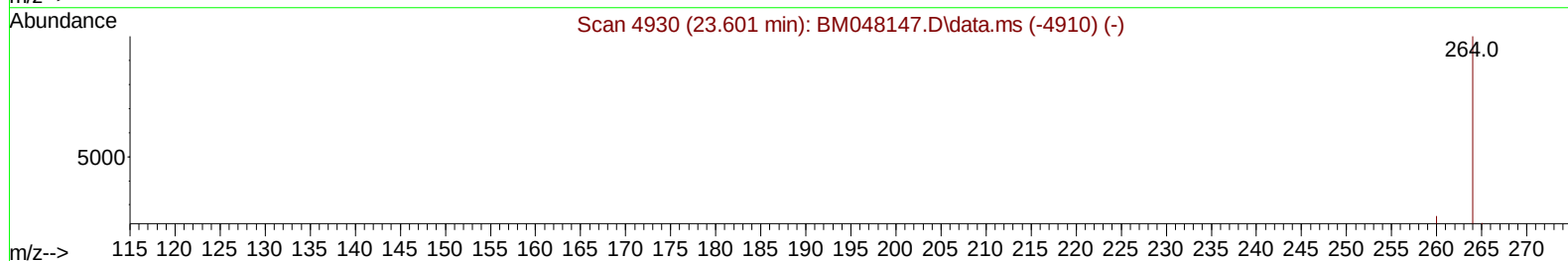
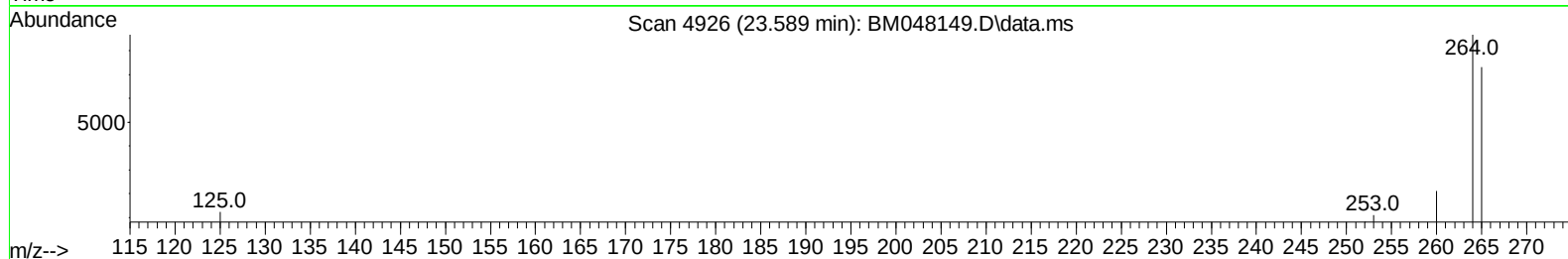
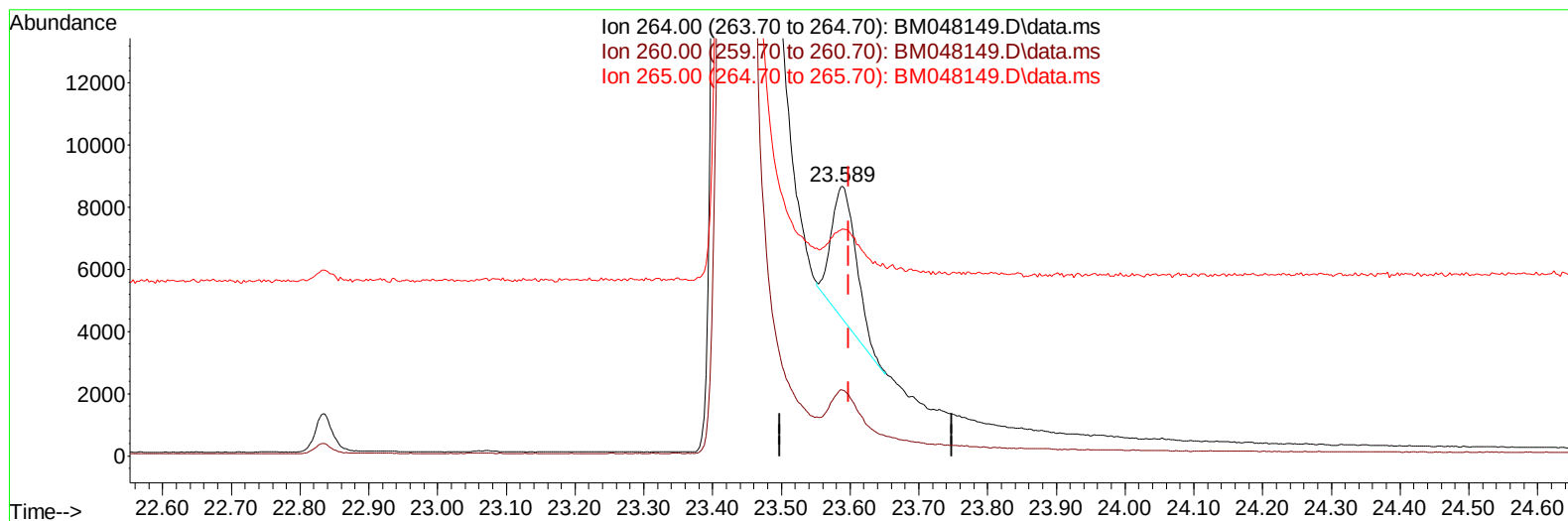
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102124\  
Data File : BM048149.D  
Acq On : 21 Oct 2024 11:34  
Operator : RC/JU  
Sample : PB164164BL  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SBLK164

Manual IntegrationsAPPROVED

Quant Time: Oct 21 12:25:10 2024  
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QLast Update : Sat Oct 19 00:48:23 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/22/2024  
Supervised By :mohammad ahmed 10/23/2024



TIC: BM048149.D\data.ms

(23) Perylene-d12 (I)

23.589min (-0.009) 0.40 ng/ul m

response 10619

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.80  | 24.34  |
| 265.00 | 128.10 | 84.39# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM102124\  
 Data File : BM048149.D  
 Acq On : 21 Oct 2024 11:34  
 Operator : RC/JU  
 Sample : PB164164BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SBLK164

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/22/2024  
 Supervised By :mohammad ahmed 10/23/2024

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 QLast Update : Sat Oct 19 00:48:23 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.771  | 152  | 7045     | 0.400 | ng/ul | -0.03    |
| 4) Naphthalene-d8           | 10.557 | 136  | 21885    | 0.400 | ng/ul | -0.03    |
| 9) Acenaphthene-d10         | 14.405 | 164  | 10940    | 0.400 | ng/ul | -0.01    |
| 13) Phenanthrene-d10        | 17.146 | 188  | 21010m   | 0.400 | ng/ul | -0.03    |
| 17) Chrysene-d12            | 21.350 | 240  | 14118m   | 0.400 | ng/ul | 0.01     |
| 23) Perylene-d12            | 23.589 | 264  | 10619m   | 0.400 | ng/ul | 0.00     |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 3) 1,4-Dioxane-d8           | 3.236  | 96   | 44713    | 4.669 | ng/ul | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.185 | 152  | 7709     | 0.253 | ng/ul | -0.02    |
| 18) Fluoranthene-d10        | 19.174 | 212  | 14681    | 0.357 | ng/ul | -0.02    |

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

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

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