

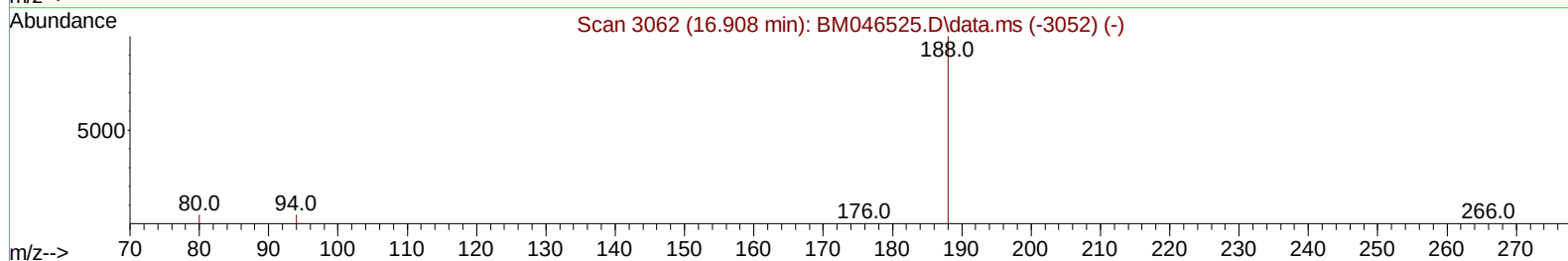
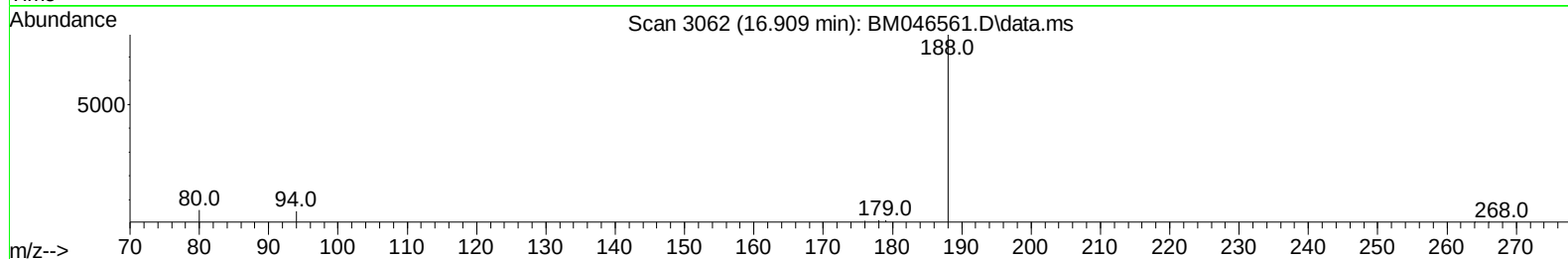
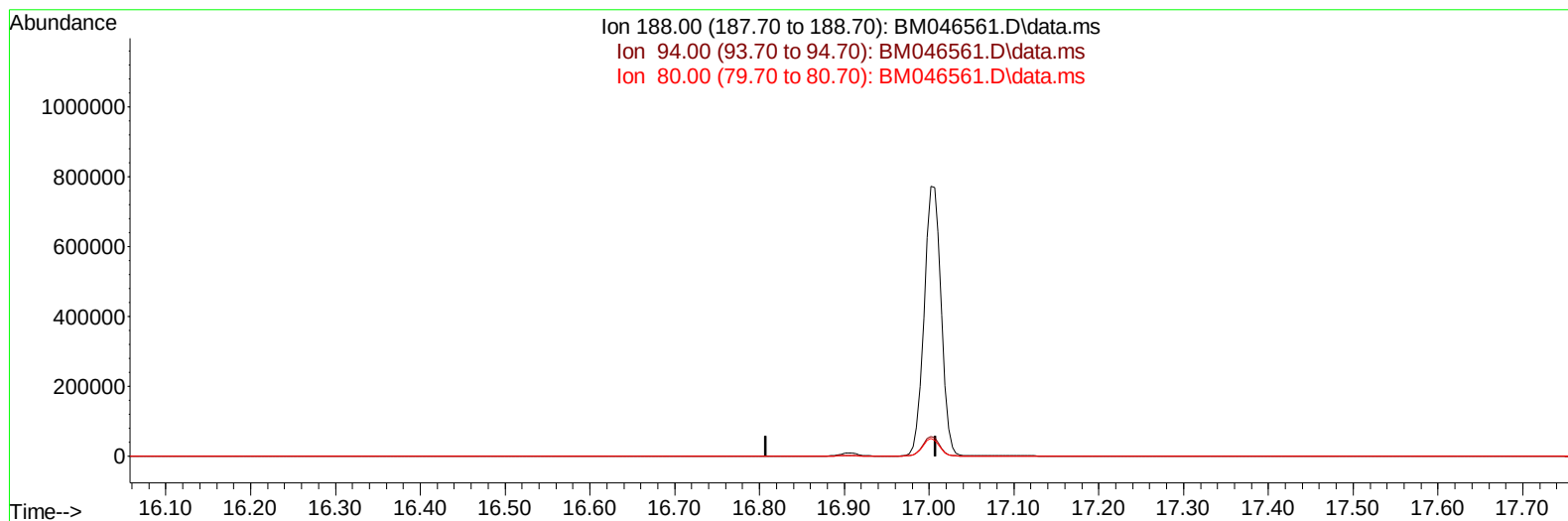
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071224\  
Data File : BM046561.D  
Acq On : 13 Jul 2024 01:03  
Operator : MA/JU  
Sample : P3137-23  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
YDZF4

Manual IntegrationsAPPROVED

Quant Time: Jul 13 01:32:17 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM071024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 12 05:09:19 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/13/2024  
Supervised By :mohammad ahmed 07/16/2024



TIC: BM046561.D\data.ms

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

**16.908min (-16.908) 0.00 ng/u1**

**response 0**

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 188.00 | 100.00 | 0.00  |
| 94.00  | 6.40   | 0.00# |
| 80.00  | 6.60   | 0.00# |
| 0.00   | 0.00   | 0.00  |

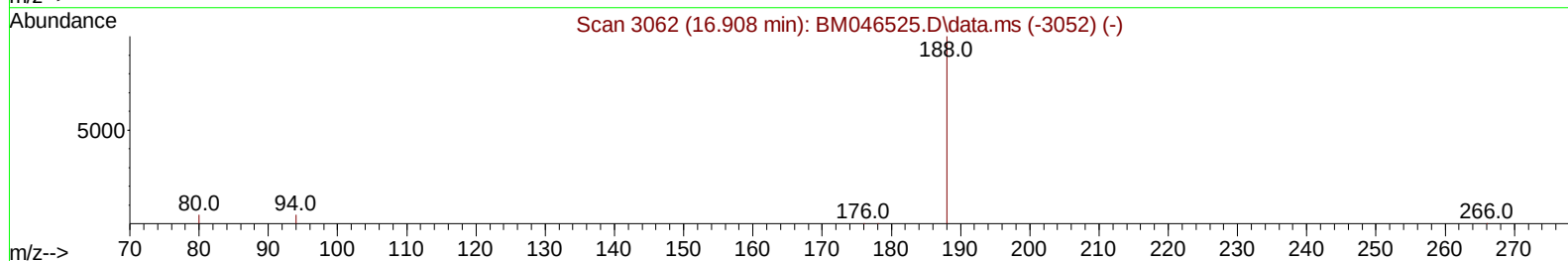
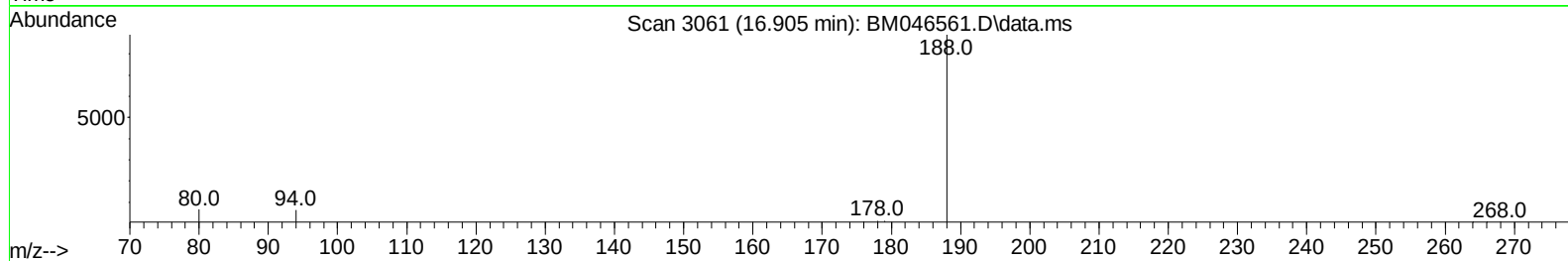
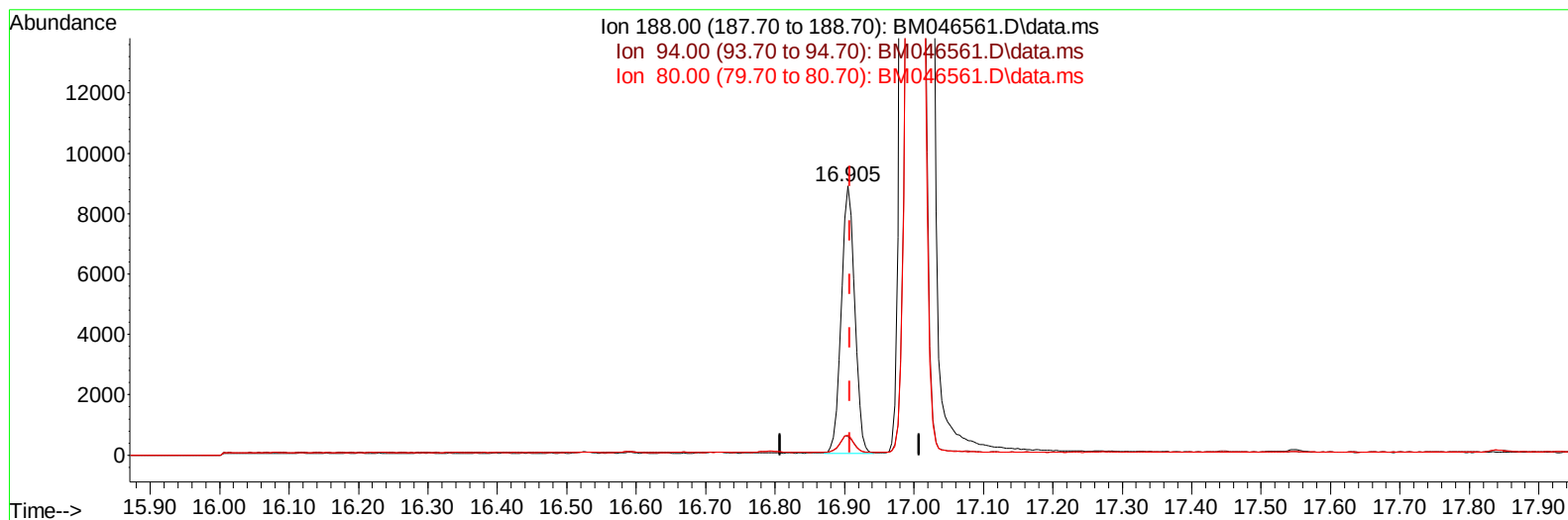
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**(13) Phenanthrene-d10 (I)**

**16.905min (-0.003) 0.40 ng/ul m**

**response 11867**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 6.40   | 7.06   |
| 80.00  | 6.60   | 7.35   |
| 0.00   | 0.00   | 0.00   |

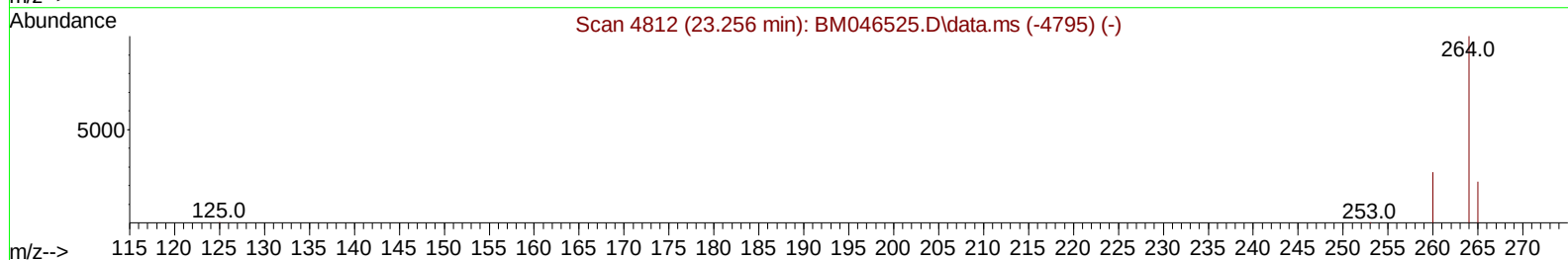
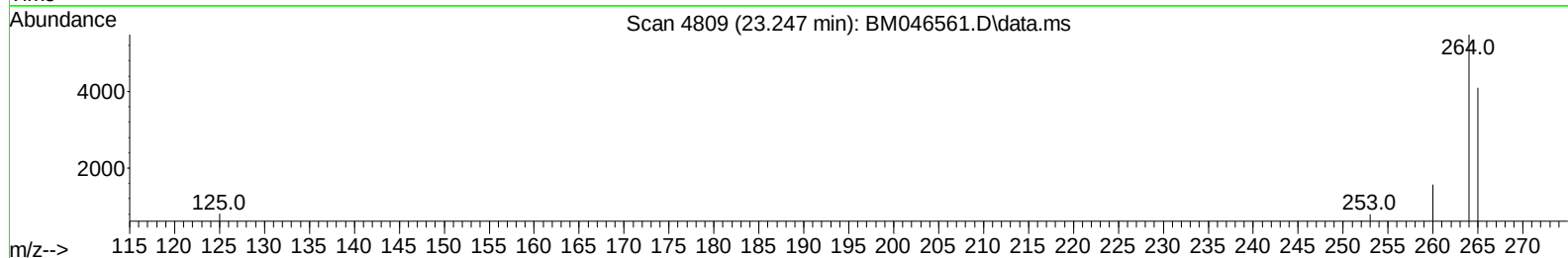
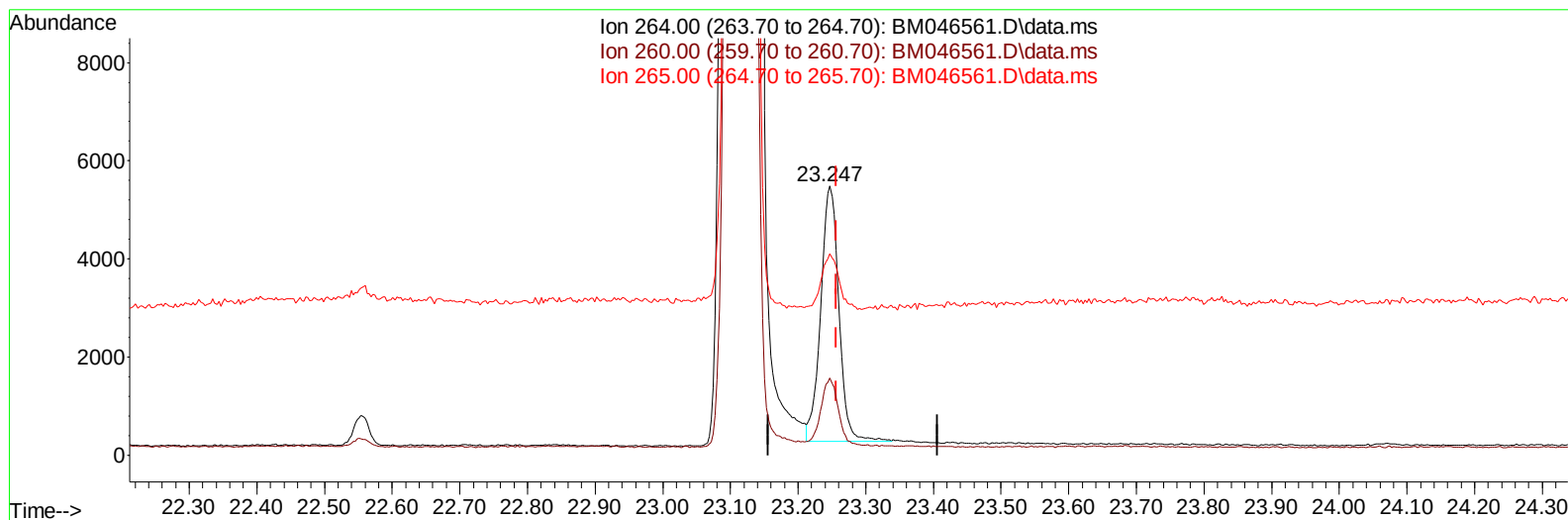
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071224\  
Data File : BM046561.D  
Acq On : 13 Jul 2024 01:03  
Operator : MA/JU  
Sample : P3137-23  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
YDZF4

Manual IntegrationsAPPROVED

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TIC: BM046561.D\data.ms

(23) Perylene-d12 (I)

23.247min (-0.009) 0.40 ng/u1

response 9688

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.80  | 28.78  |
| 265.00 | 88.90  | 74.85  |
| 0.00   | 0.00   | 0.00   |

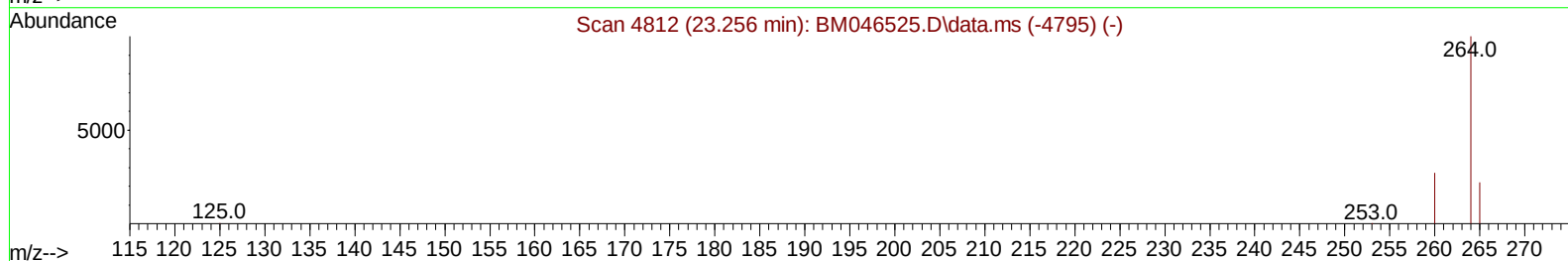
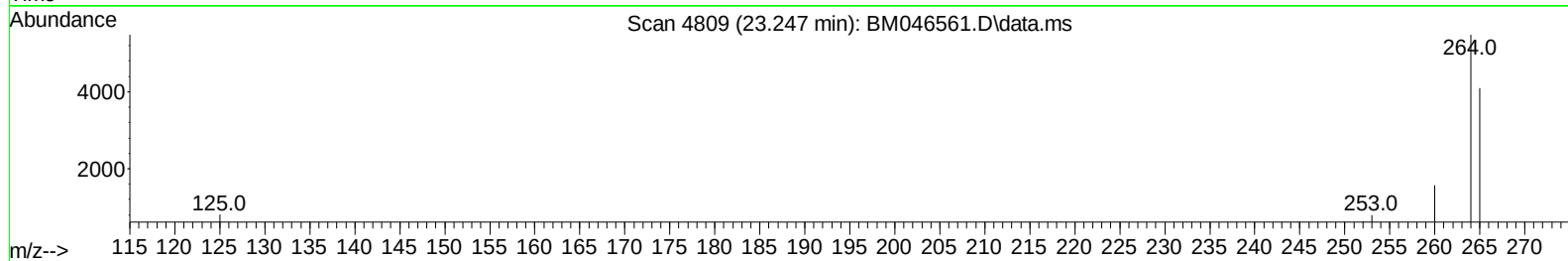
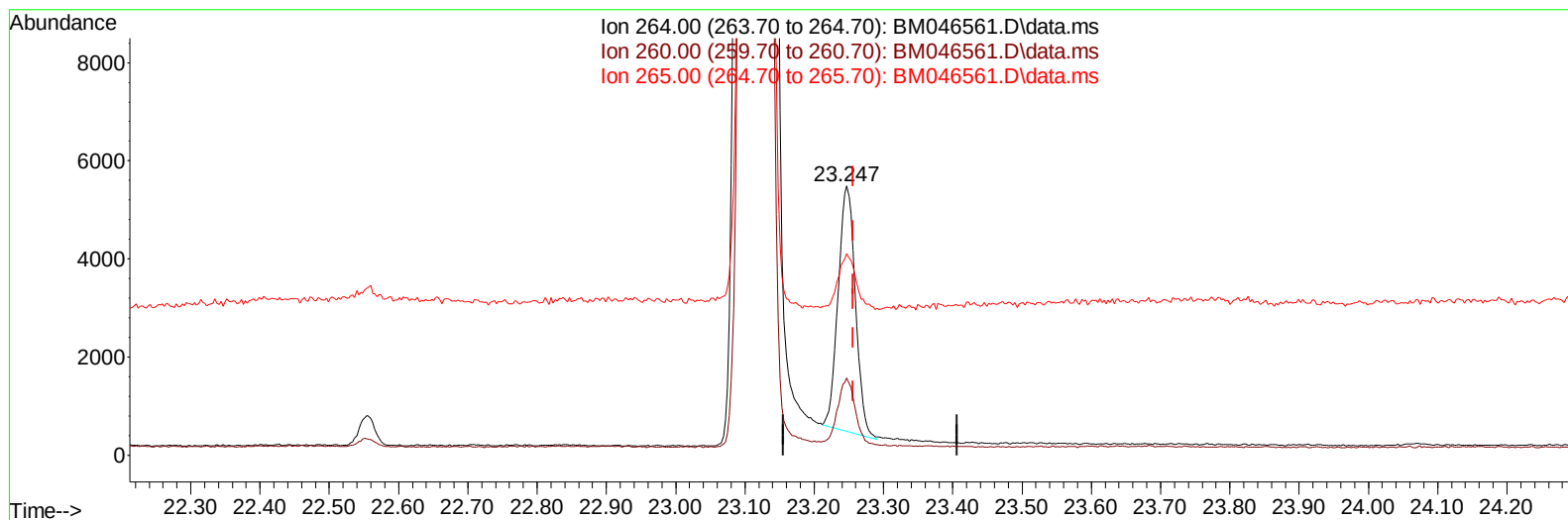
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Data File : BM046561.D  
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Operator : MA/JU  
Sample : P3137-23  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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(23) Perylene-d12 (I)

23.247min (-0.009) 0.40 ng/ul m

response 8666

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.80  | 28.78  |
| 265.00 | 88.90  | 74.85  |
| 0.00   | 0.00   | 0.00   |

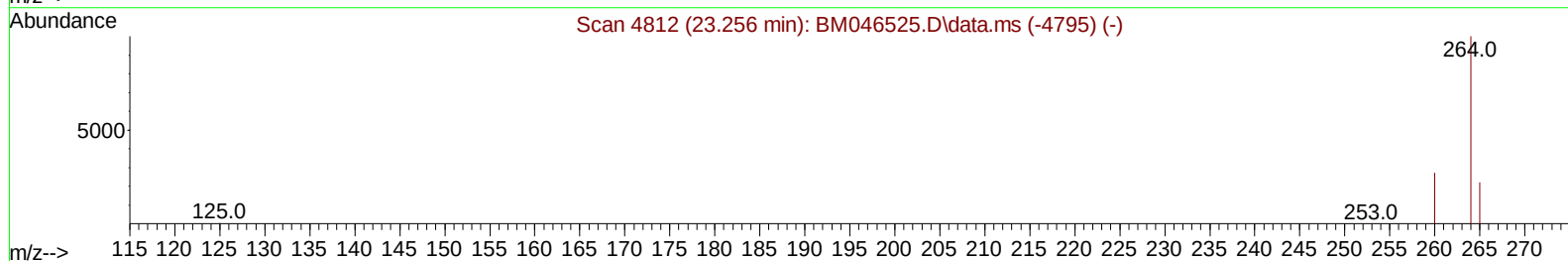
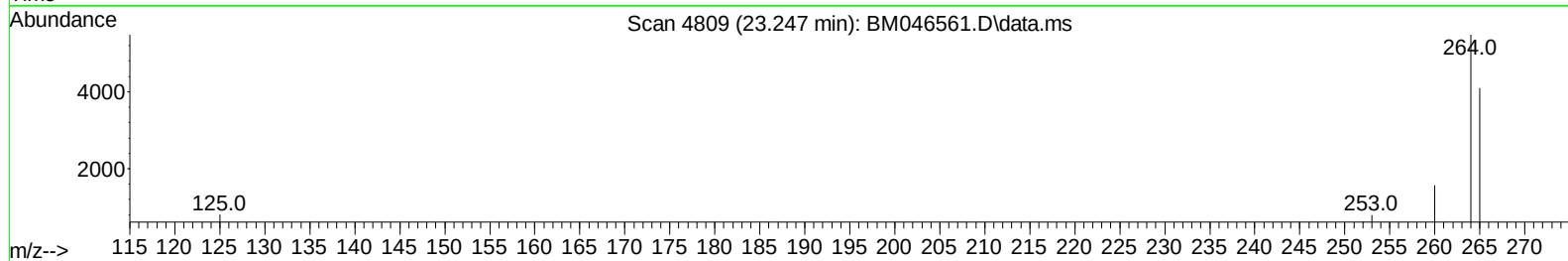
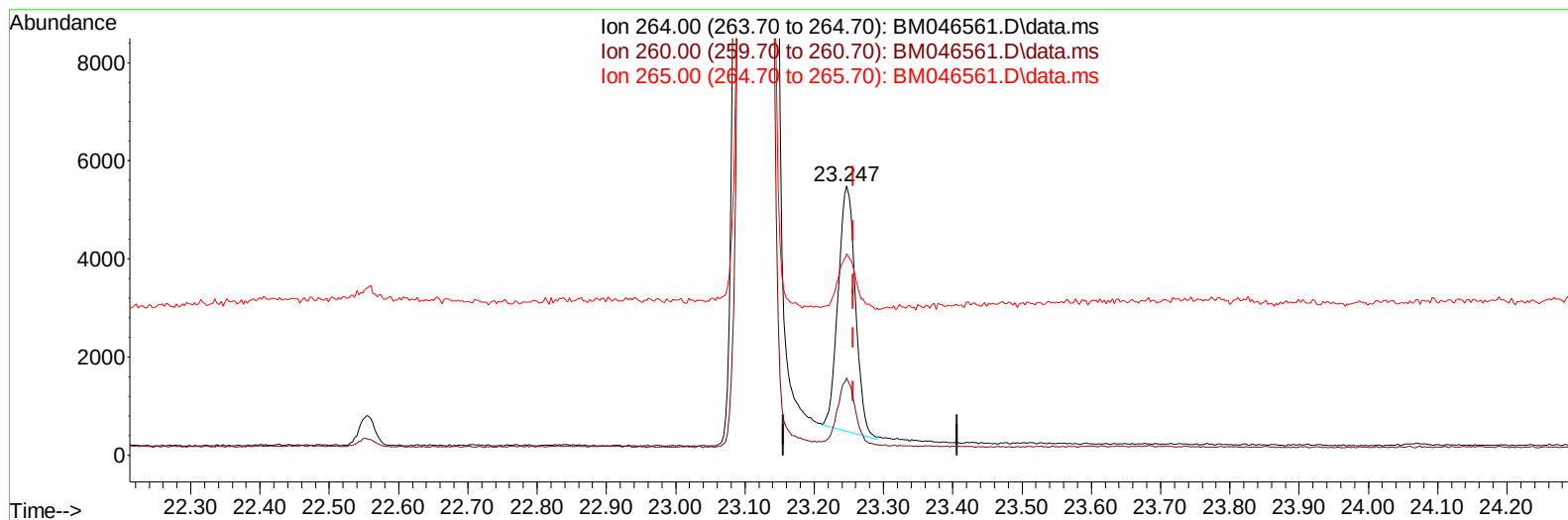
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Data File : BM046561.D  
Acq On : 13 Jul 2024 01:03  
Operator : MA/JU  
Sample : P3137-23  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
YDZF4

Manual IntegrationsAPPROVED

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TIC: BM046561.D\data.ms

(23) Perylene-d12 (I)

23.247min (-0.009) 0.40 ng/ul m

response 8666

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.80  | 28.78  |
| 265.00 | 88.90  | 74.85  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071224\  
 Data File : BM046561.D  
 Acq On : 13 Jul 2024 01:03  
 Operator : MA/JU  
 Sample : P3137-23  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 YDZF4

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/13/2024  
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 QLast Update : Fri Jul 12 05:09:19 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|---------|----------|
| -----                       |        |     |     |          |       |         |          |
| Internal Standards          |        |     |     |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.510  | 152 |     | 3160     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.271 | 136 |     | 8782     | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.155 | 164 |     | 5510     | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 16.905 | 188 |     | 11867m   | 0.400 | ng/ul   | 0.00     |
| 17) Chrysene-d12            | 21.108 | 240 |     | 8851     | 0.400 | ng/ul   | 0.00     |
| 23) Perylene-d12            | 23.247 | 264 |     | 8666m    | 0.400 | ng/ul   | 0.00     |
|                             |        |     |     |          |       |         |          |
| System Monitoring Compounds |        |     |     |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.122  | 96  |     | 10656    | 4.104 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.871 | 152 |     | 5203     | 0.367 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 18.942 | 212 |     | 12002    | 0.446 | ng/ul   | 0.00     |
|                             |        |     |     |          |       |         |          |
| Target Compounds            |        |     |     |          |       |         | Qvalue   |
| 2) 1,4-Dioxane              | 3.155  | 88  |     | 1255     | 0.453 | ng/ul#  | 78       |
| -----                       |        |     |     |          |       |         |          |

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

```
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Operator  : MA/JU
Sample    : P3137-23
Misc      :
ALS Vial  : 23   Sample Multiplier: 1
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**Instrument :**  
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YDZF4

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