

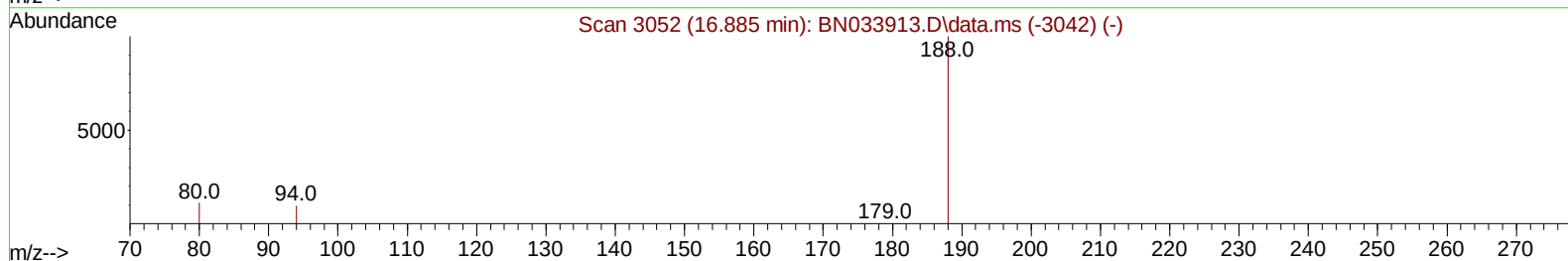
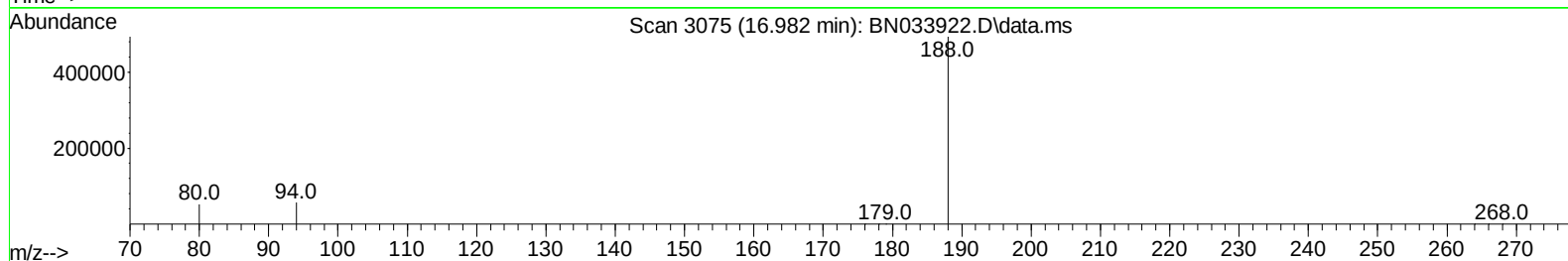
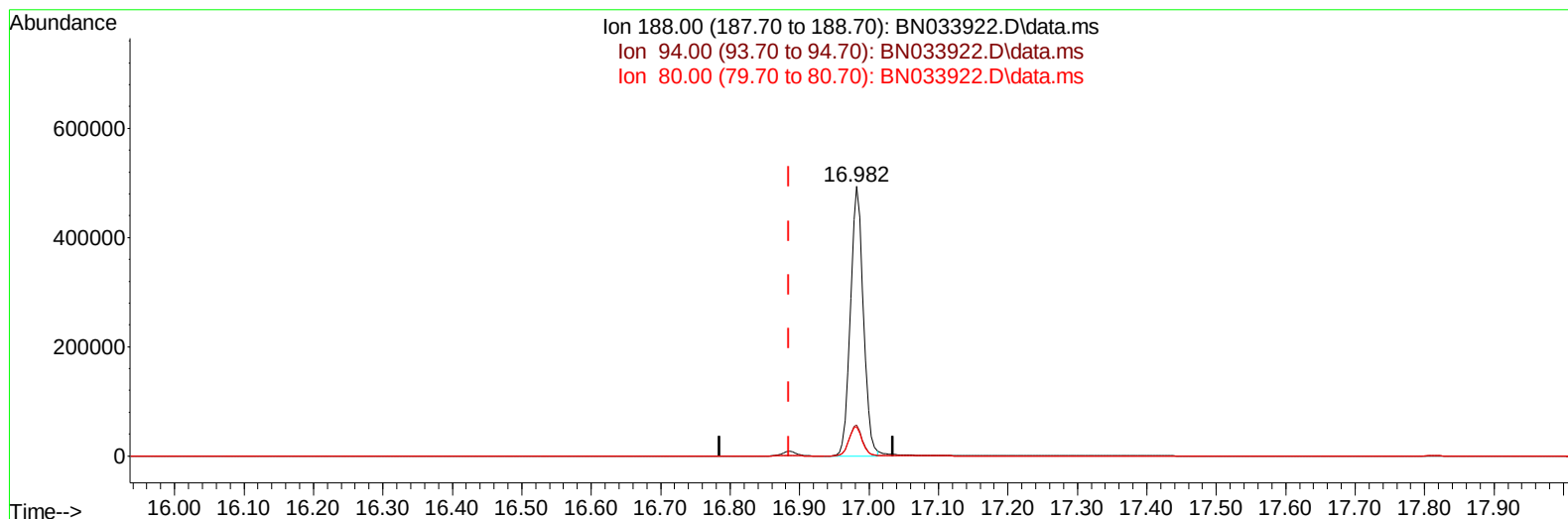
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091424\  
Data File : BN033922.D  
Acq On : 14 Sep 2024 19:25  
Operator : JU/RC  
Sample : P3993-04  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0UF3

Manual IntegrationsAPPROVED

Quant Time: Sep 15 01:59:38 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN082724.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Sep 15 01:52:43 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/16/2024  
Supervised By :mohammad ahmed 09/17/2024



TIC: BN033922.D\data.ms

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

**16.982min (+ 0.097) 0.40 ng/u1**

**response 638612**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 10.30  | 11.47  |
| 80.00  | 11.50  | 10.66  |
| 0.00   | 0.00   | 0.00   |

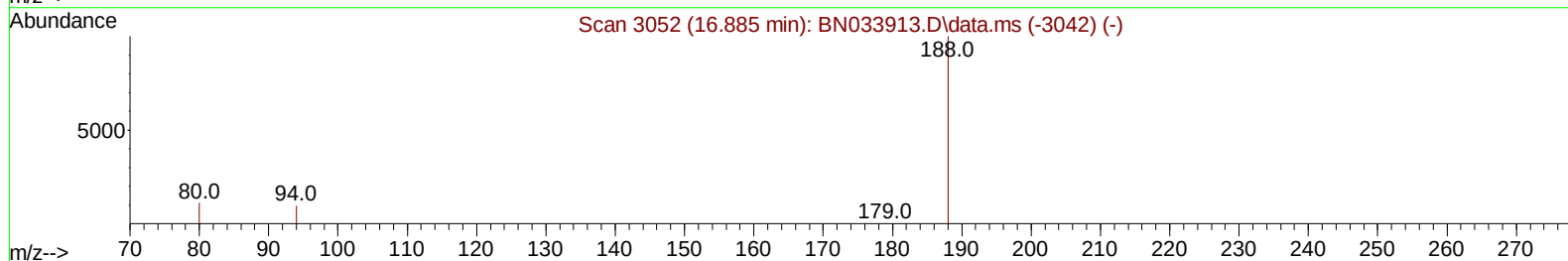
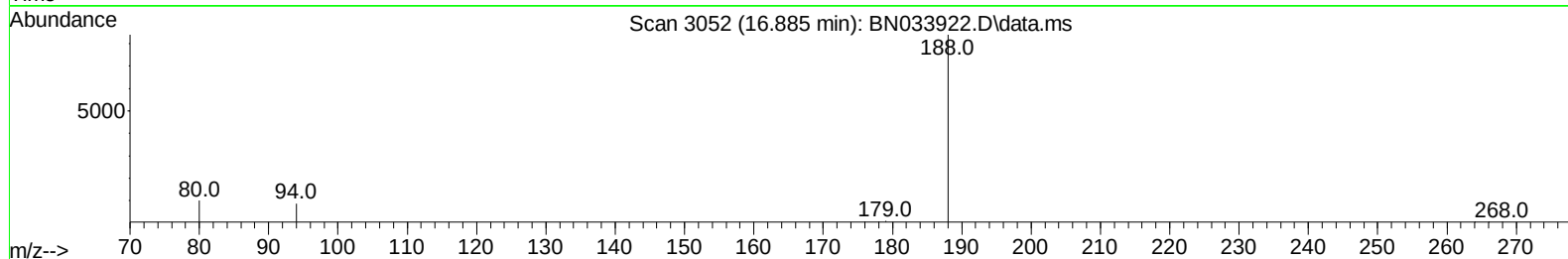
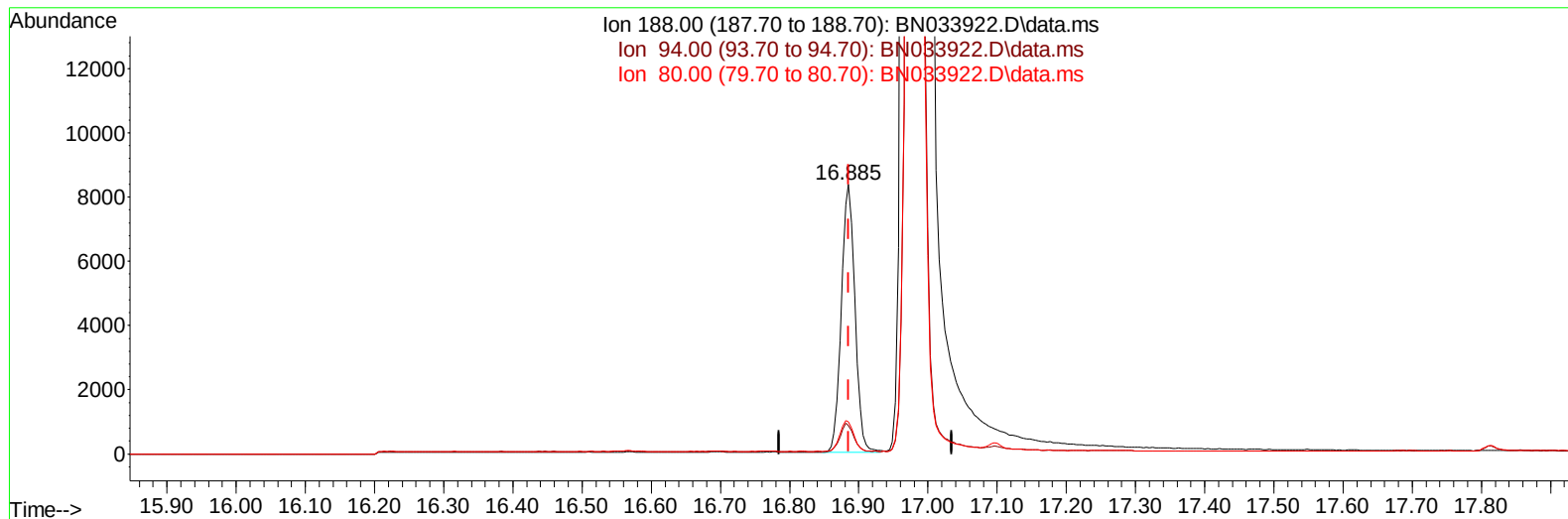
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TIC: BN033922.D\data.ms

(13) Phenanthrene-d10 (I)

16.885min (+ 0.000) 0.40 ng/ul m

response 11434

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 10.30  | 10.51  |
| 80.00  | 11.50  | 12.04  |
| 0.00   | 0.00   | 0.00   |

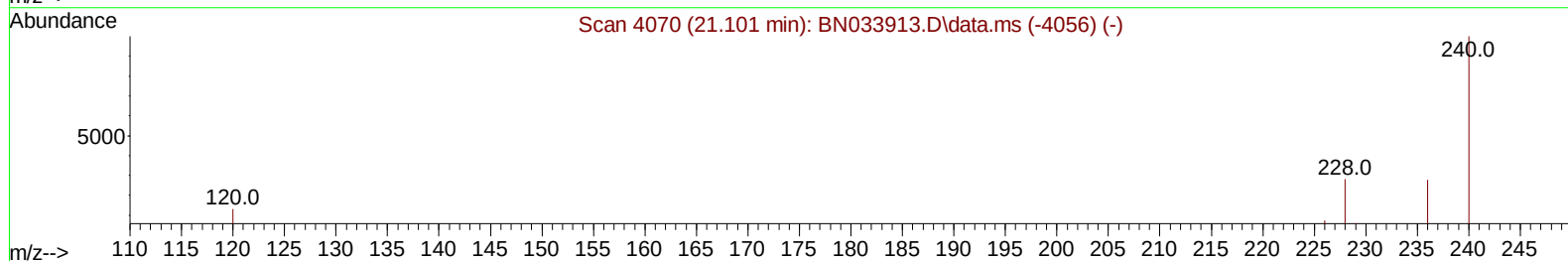
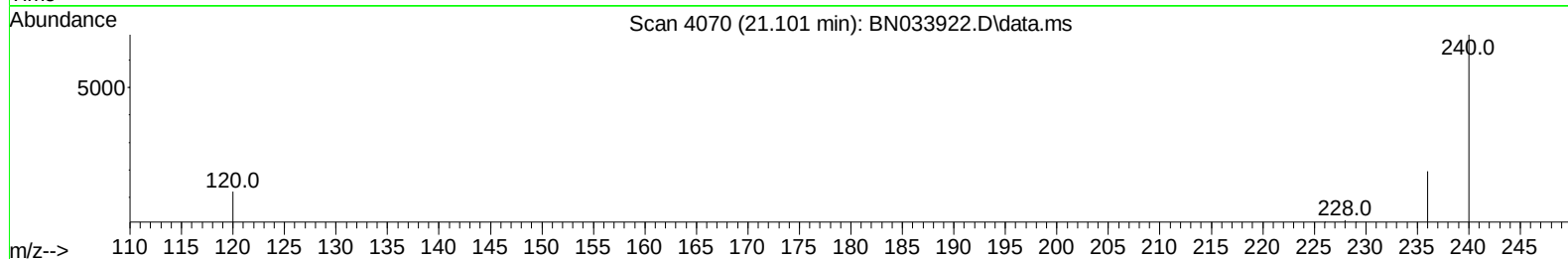
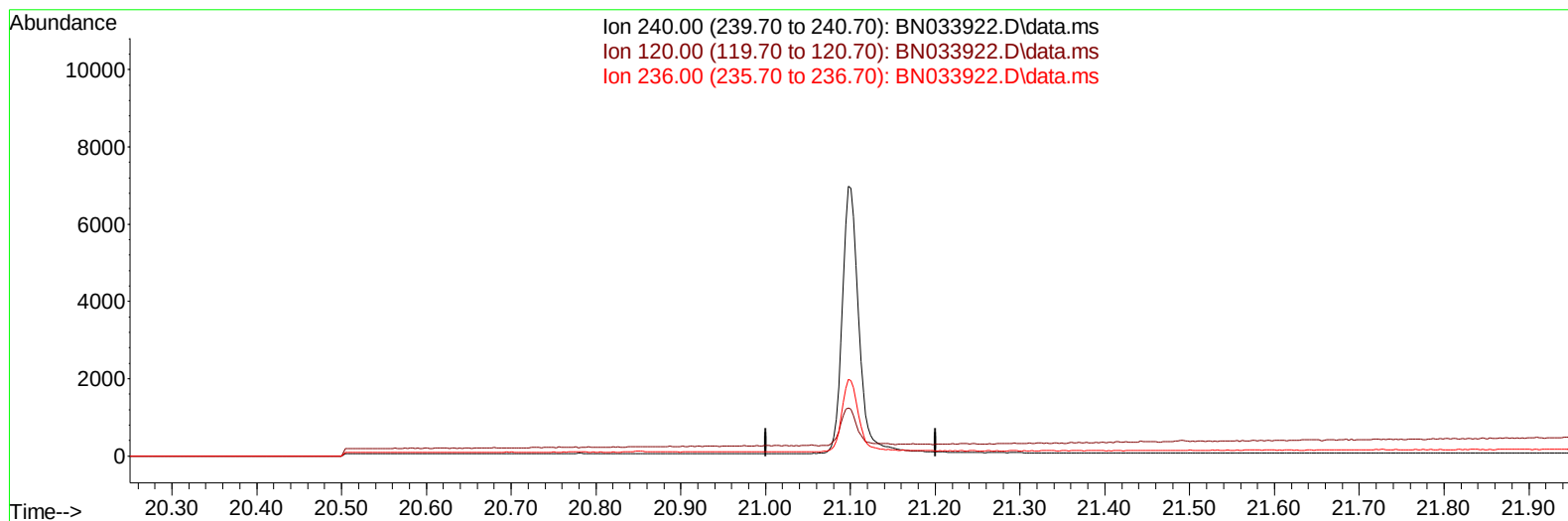
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091424\  
Data File : BN033922.D  
Acq On : 14 Sep 2024 19:25  
Operator : JU/RC  
Sample : P3993-04  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0UF3

Manual IntegrationsAPPROVED

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(17) Chrysene-d12

21.101min (-21.101) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 240.00 | 100.00 | 0.00  |
| 120.00 | 16.40  | 0.00# |
| 236.00 | 28.30  | 0.00# |
| 0.00   | 0.00   | 0.00  |

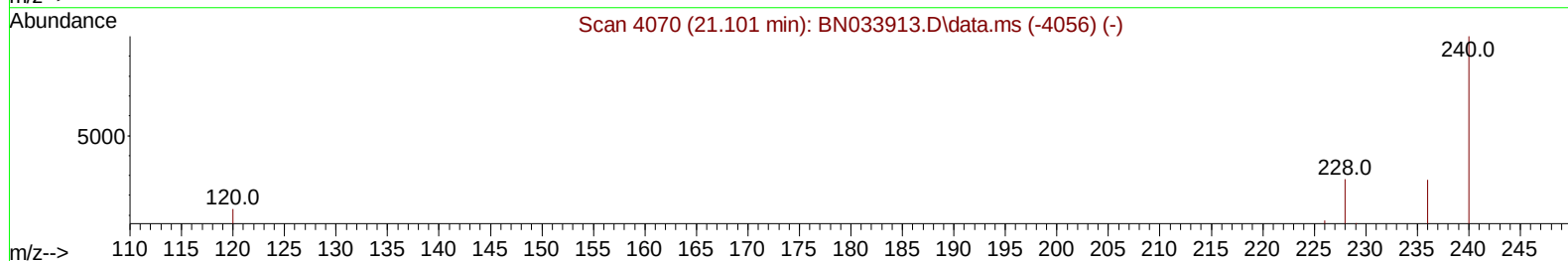
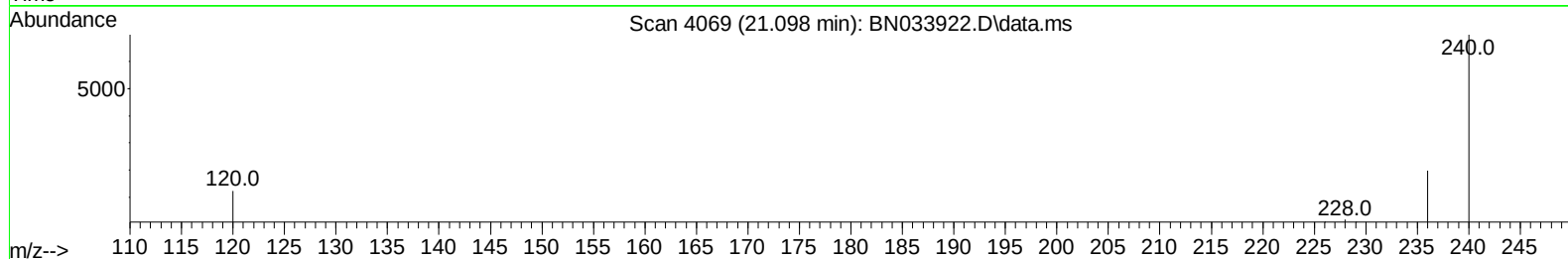
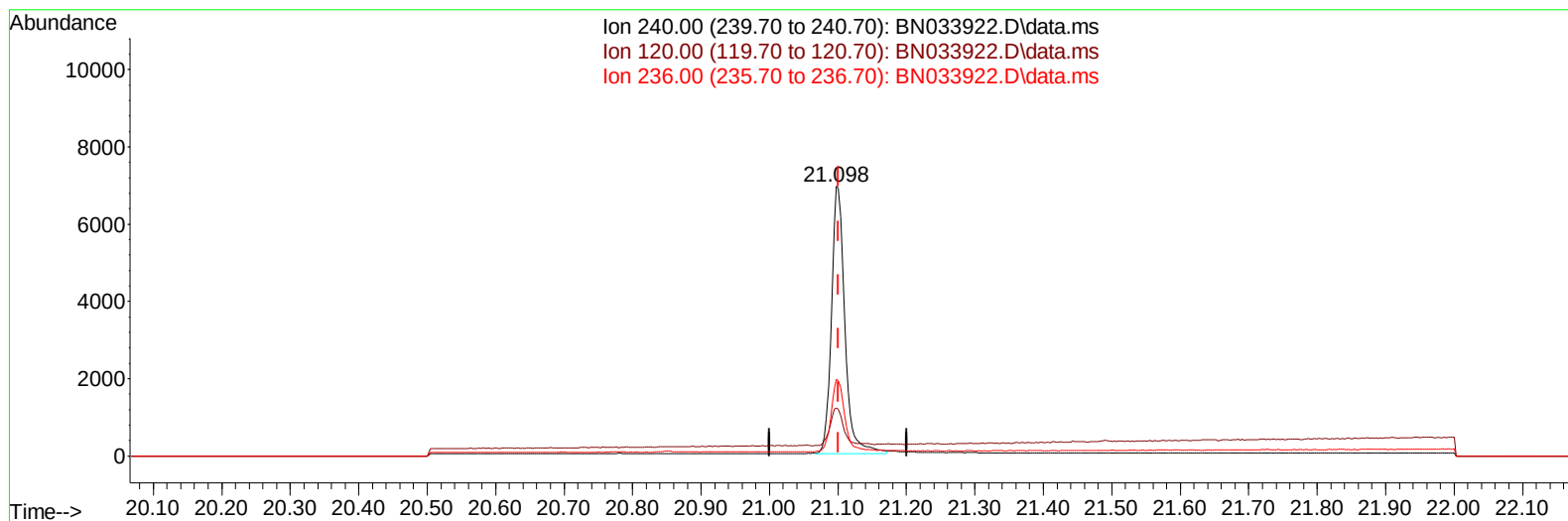
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091424\  
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Operator : JU/RC  
Sample : P3993-04  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Manual IntegrationsAPPROVED

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TIC: BN033922.D\data.ms

(17) Chrysene-d12

21.098min (-0.003) 0.40 ng/ul m

response 9452

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 16.40  | 17.81  |
| 236.00 | 28.30  | 28.45  |
| 0.00   | 0.00   | 0.00   |

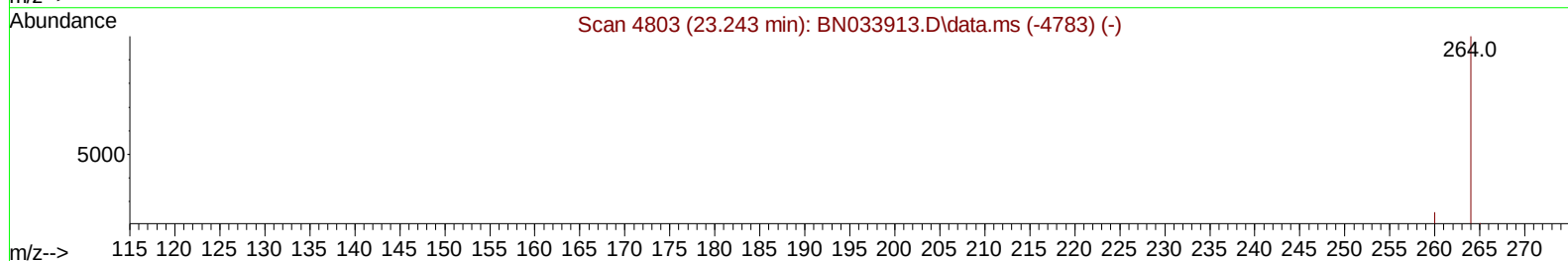
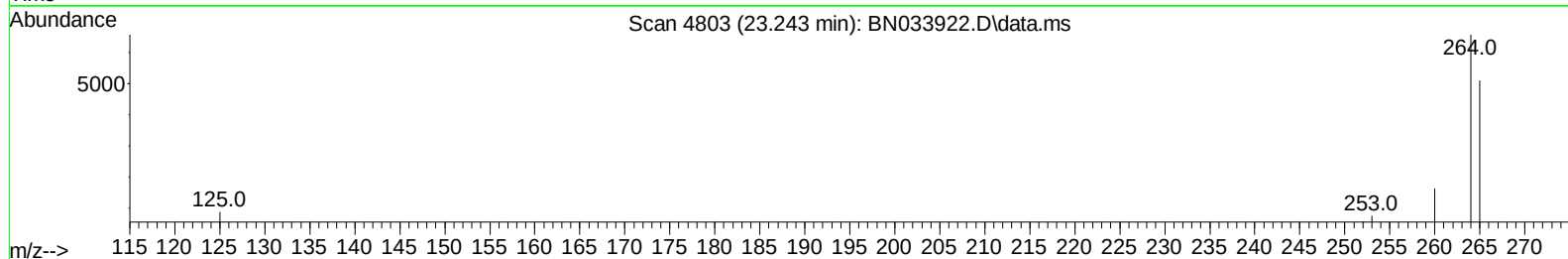
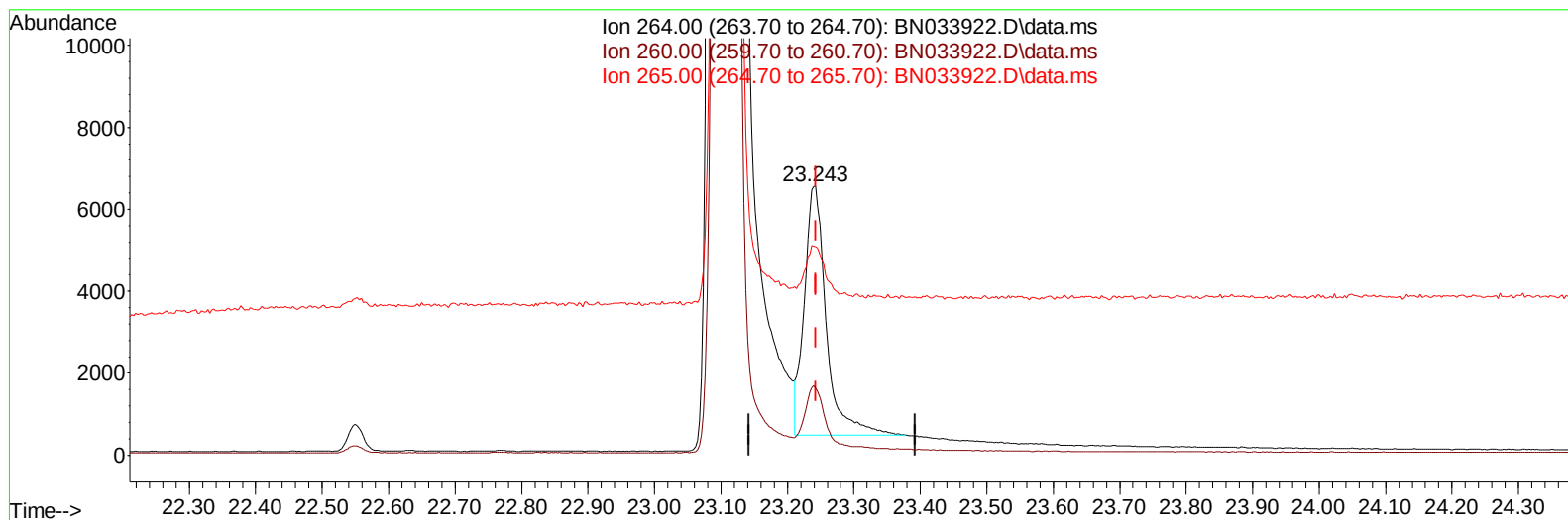
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091424\  
Data File : BN033922.D  
Acq On : 14 Sep 2024 19:25  
Operator : JU/RC  
Sample : P3993-04  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0UF3

Manual IntegrationsAPPROVED

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TIC: BN033922.D\data.ms

(23) Perylene-d12 (I)

23.243min (+ 0.000) 0.40 ng/u1

response 13980

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.60  | 24.99  |
| 265.00 | 73.30  | 77.57  |
| 0.00   | 0.00   | 0.00   |

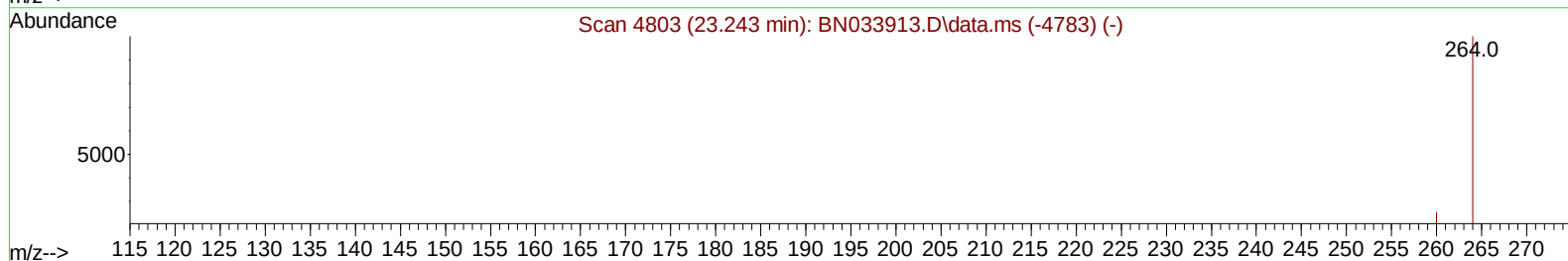
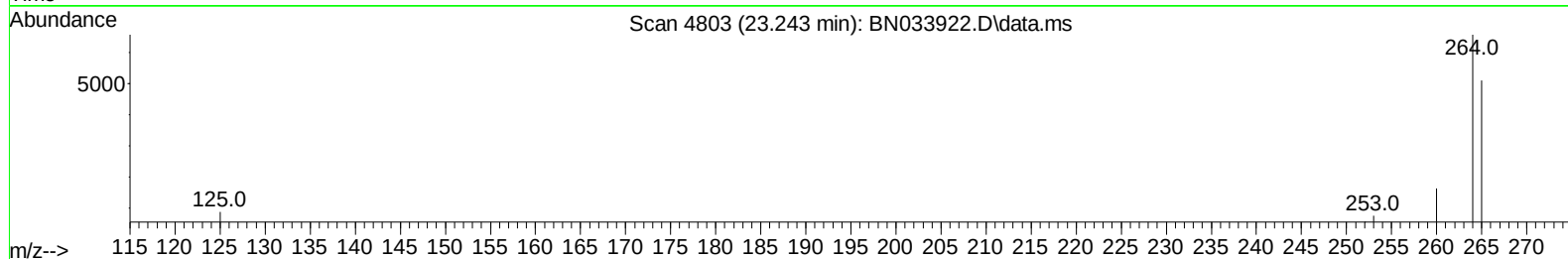
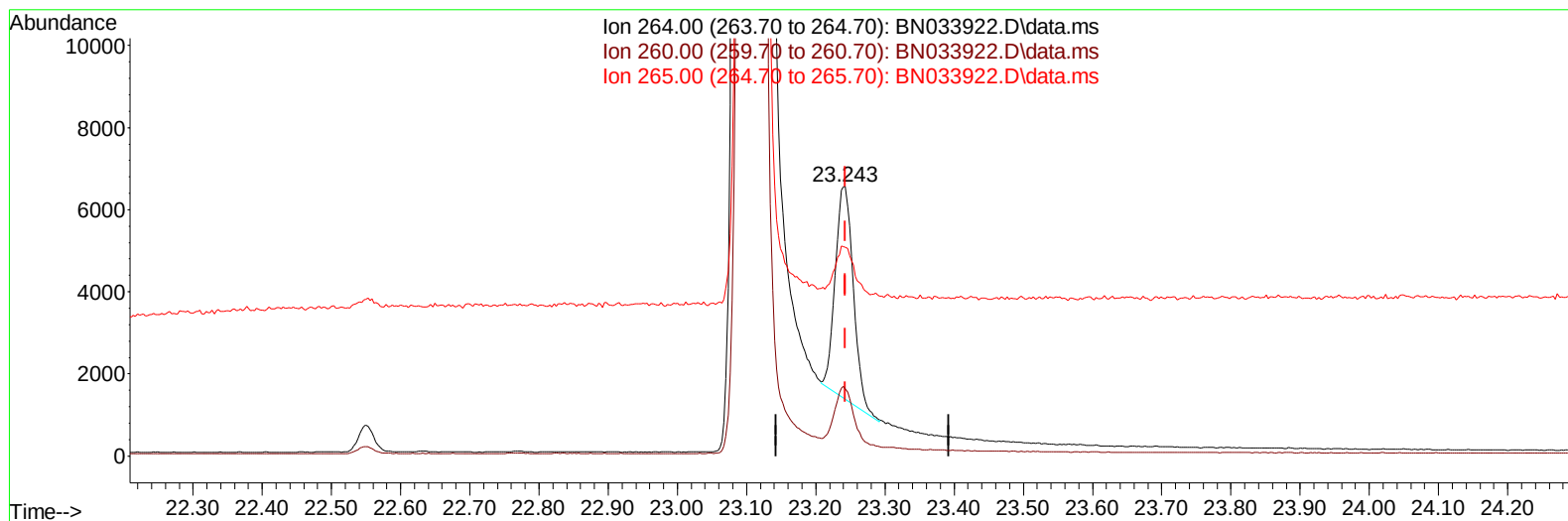
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091424\  
Data File : BN033922.D  
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Operator : JU/RC  
Sample : P3993-04  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0UF3

Manual IntegrationsAPPROVED

Quant Time: Sep 15 01:59:38 2024  
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Supervised By :mohammad ahmed 09/17/2024



TIC: BN033922.D\data.ms

(23) Perylene-d12 (I)

23.243min (+ 0.000) 0.40 ng/ul m

response 9295

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.60  | 24.99  |
| 265.00 | 73.30  | 77.57  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091424\  
 Data File : BN033922.D  
 Acq On : 14 Sep 2024 19:25  
 Operator : JU/RC  
 Sample : P3993-04  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0UF3

## Manual IntegrationsAPPROVED

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| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.485  | 152  | 3791     | 0.400 | ng/ul | 0.00     |
| 4) Naphthalene-d8           | 10.239 | 136  | 10573    | 0.400 | ng/ul | 0.00     |
| 9) Acenaphthene-d10         | 14.128 | 164  | 5538     | 0.400 | ng/ul | 0.00     |
| 13) Phenanthrene-d10        | 16.885 | 188  | 11434m   | 0.400 | ng/ul | 0.00     |
| 17) Chrysene-d12            | 21.098 | 240  | 9452m    | 0.400 | ng/ul | 0.00     |
| 23) Perylene-d12            | 23.243 | 264  | 9295m    | 0.400 | ng/ul | 0.00     |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 3) 1,4-Dioxane-d8           | 3.101  | 96   | 14731    | 3.780 | ng/ul | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.845 | 152  | 3353     | 0.221 | ng/ul | 0.00     |
| 18) Fluoranthene-d10        | 18.925 | 212  | 7982     | 0.283 | ng/ul | 0.00     |

Target Compounds Qvalue

-----

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

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