

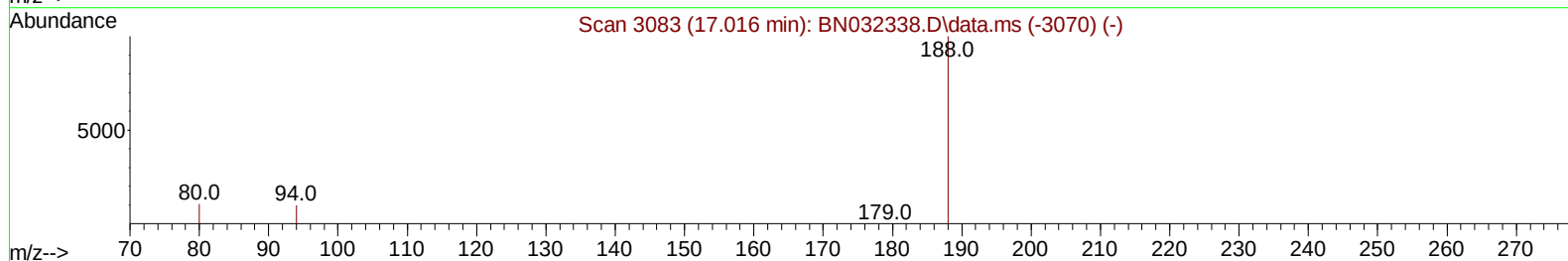
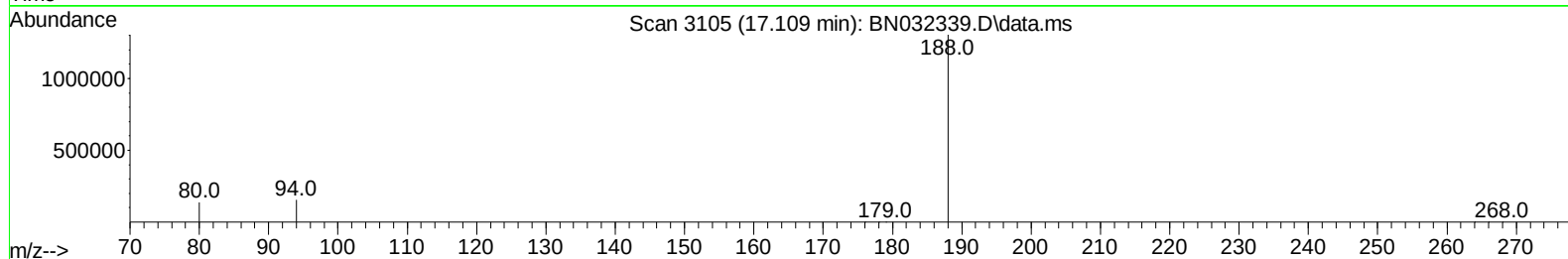
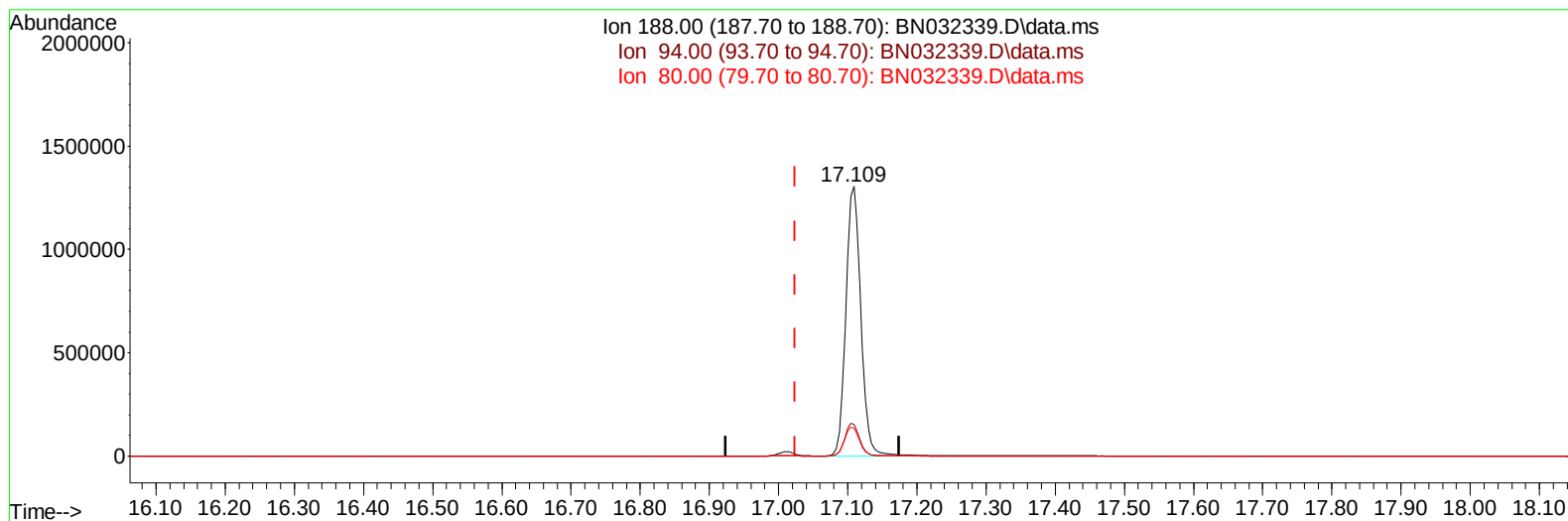
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062824\  
Data File : BN032339.D  
Acq On : 29 Jun 2024 07:29  
Operator : MA/JU  
Sample : PB161564BL  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK564

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/01/2024  
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 30 23:03:35 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN062724.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 27 13:23:38 2024  
Response via : Initial Calibration



TIC: BN032339.D\data.ms

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

17.109min (+ 0.084) 0.40 ng/u1

response 1933891

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 10.20  | 11.74  |
| 80.00  | 10.50  | 10.38  |
| 0.00   | 0.00   | 0.00   |

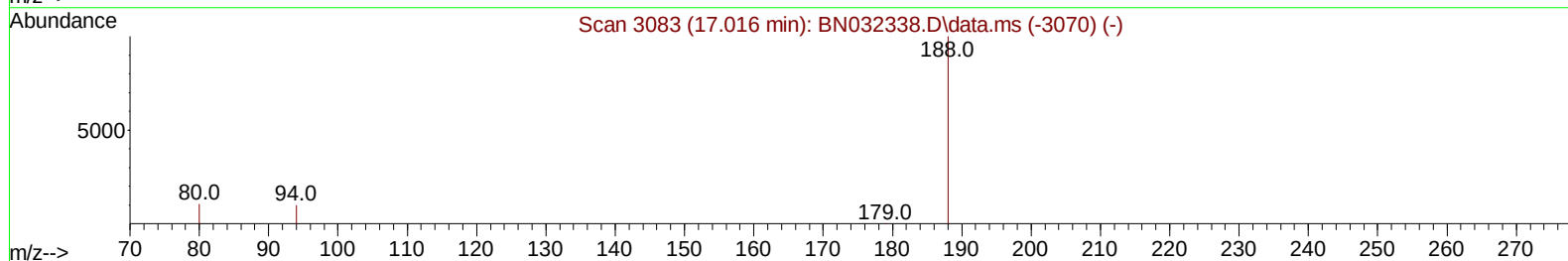
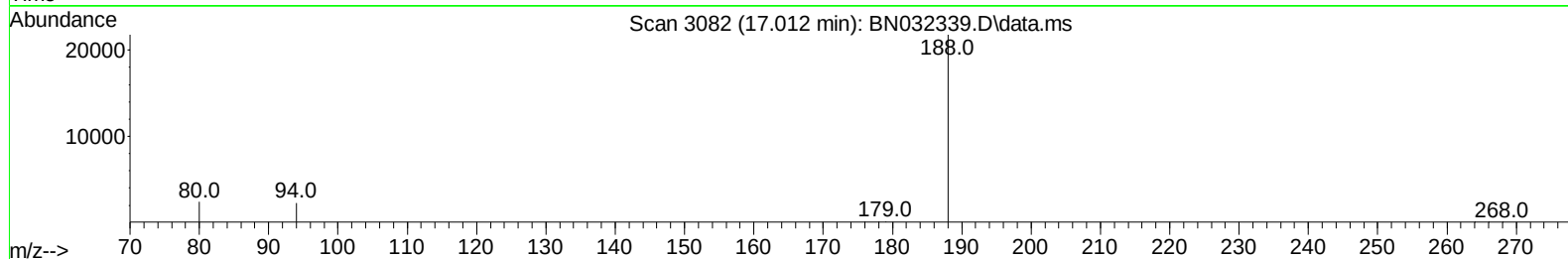
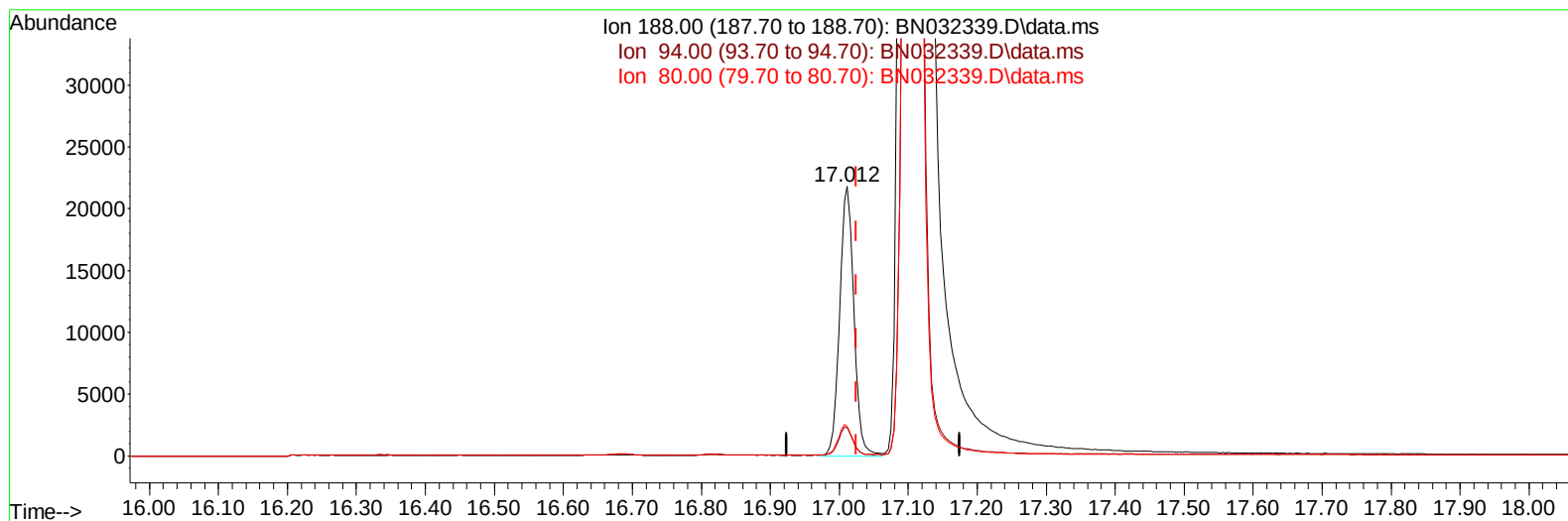
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TIC: BN032339.D\data.ms

(13) Phenanthrene-d10 (I)

17.012min (-0.013) 0.40 ng/ul m

response 31195

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 10.20  | 10.48  |
| 80.00  | 10.50  | 10.91  |
| 0.00   | 0.00   | 0.00   |

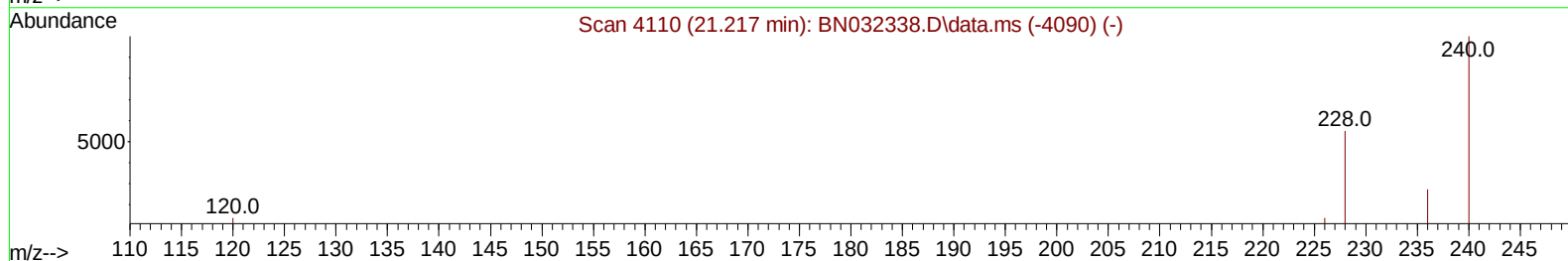
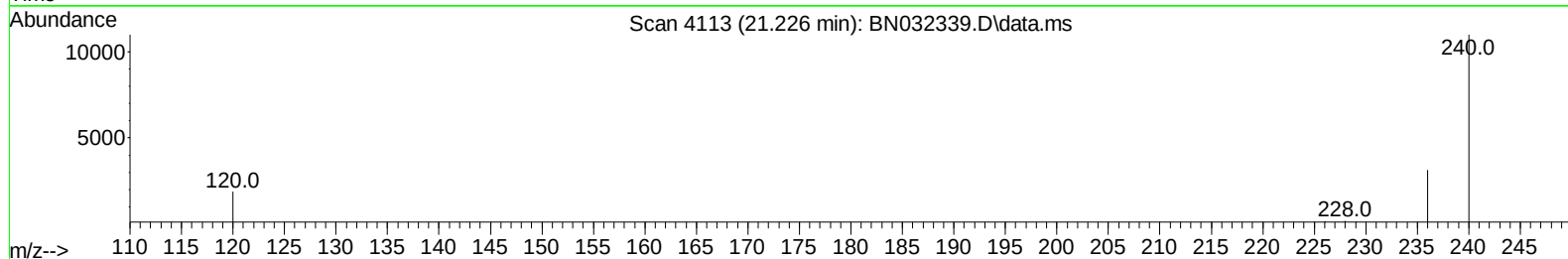
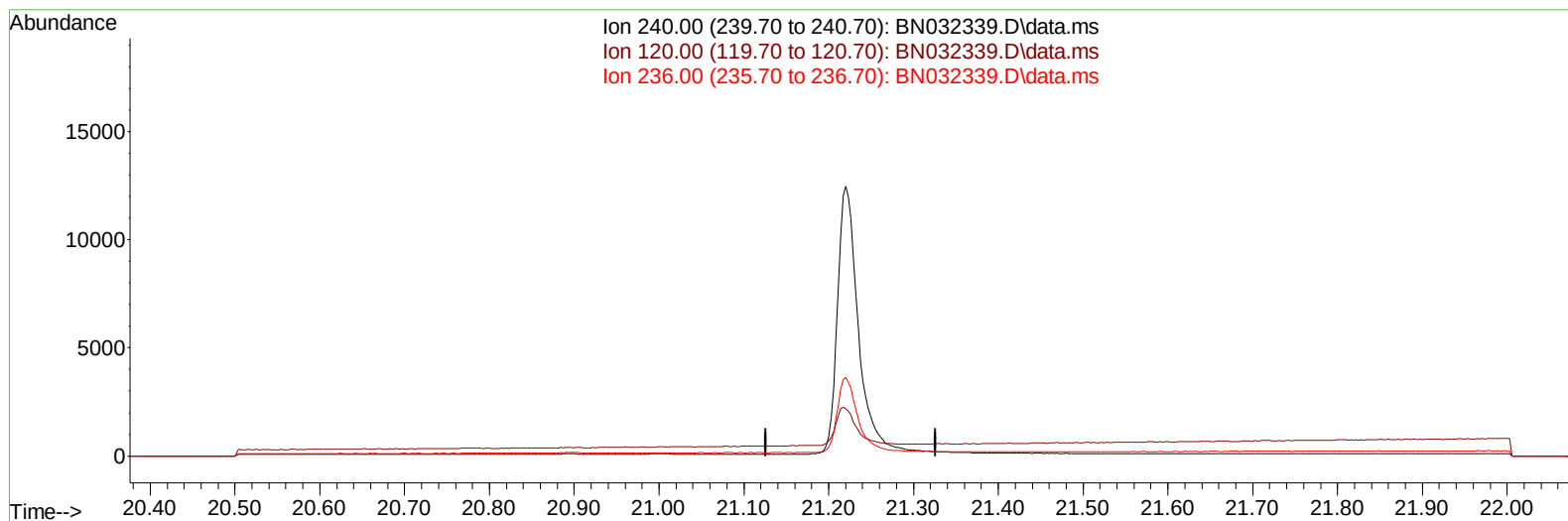
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Manual IntegrationsAPPROVED

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(17) Chrysene-d12

21.226min (-21.226) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 240.00 | 100.00 | 0.00  |
| 120.00 | 16.80  | 0.00# |
| 236.00 | 28.40  | 0.00# |
| 0.00   | 0.00   | 0.00  |

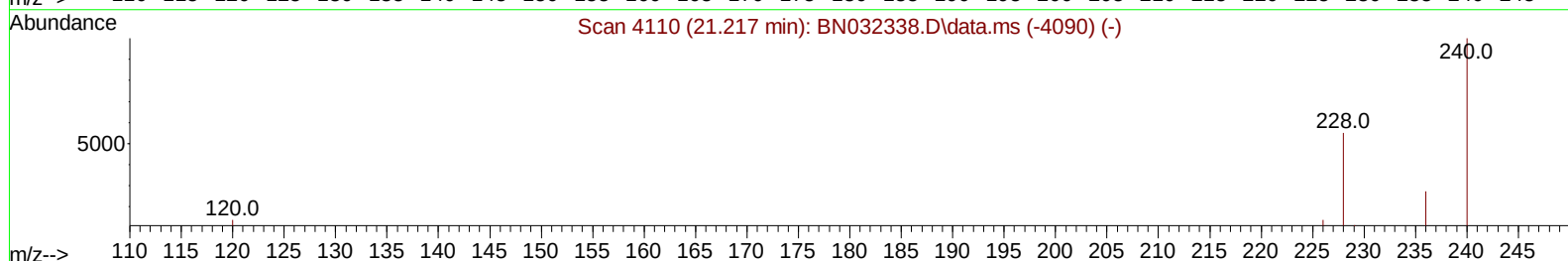
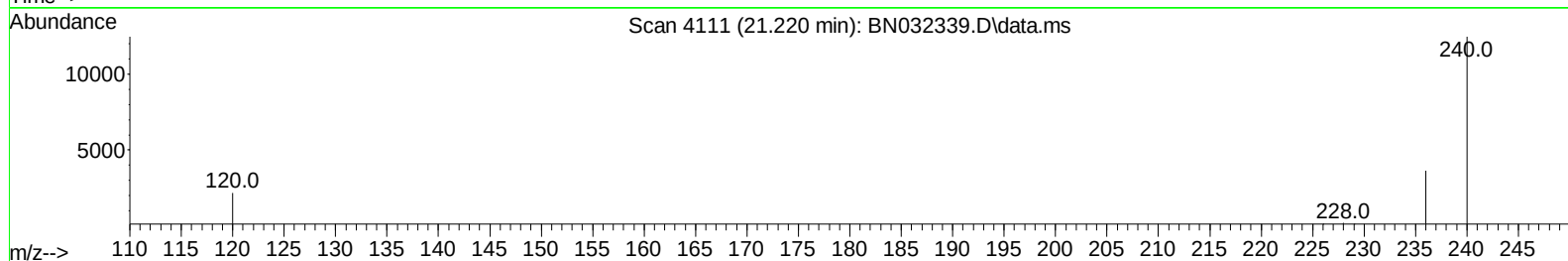
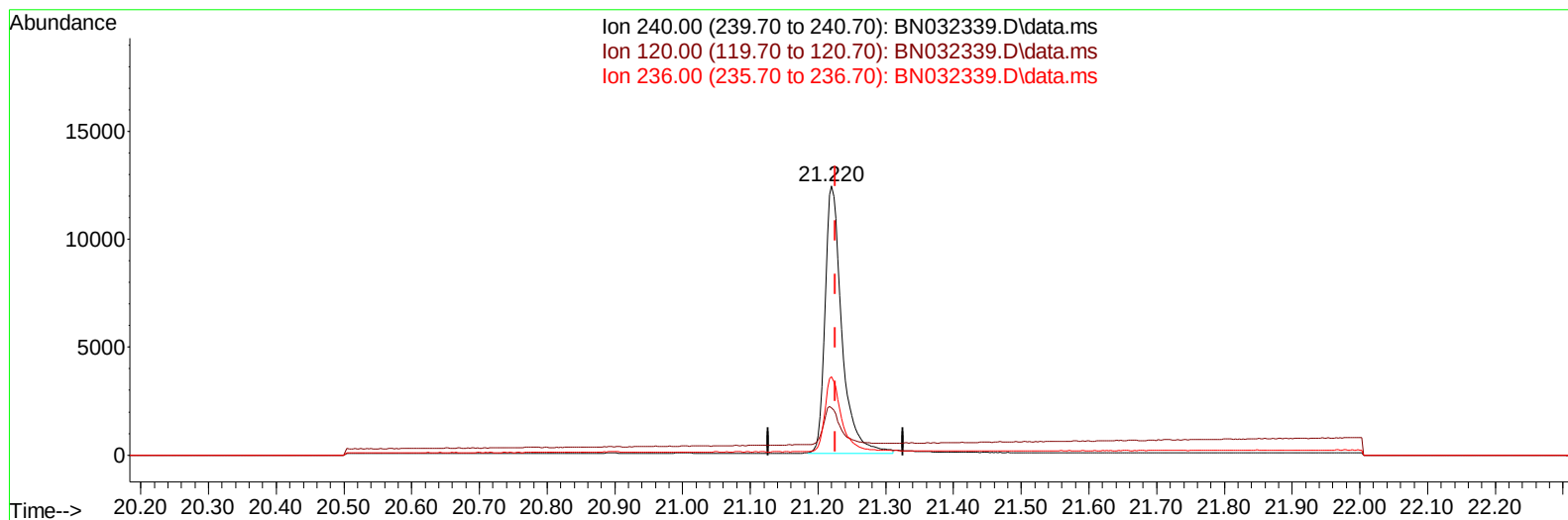
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062824\  
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TIC: BN032339.D\data.ms

(17) Chrysene-d12

21.220min (-0.006) 0.40 ng/ul m

response 21504

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 16.80  | 17.57  |
| 236.00 | 28.40  | 29.10  |
| 0.00   | 0.00   | 0.00   |

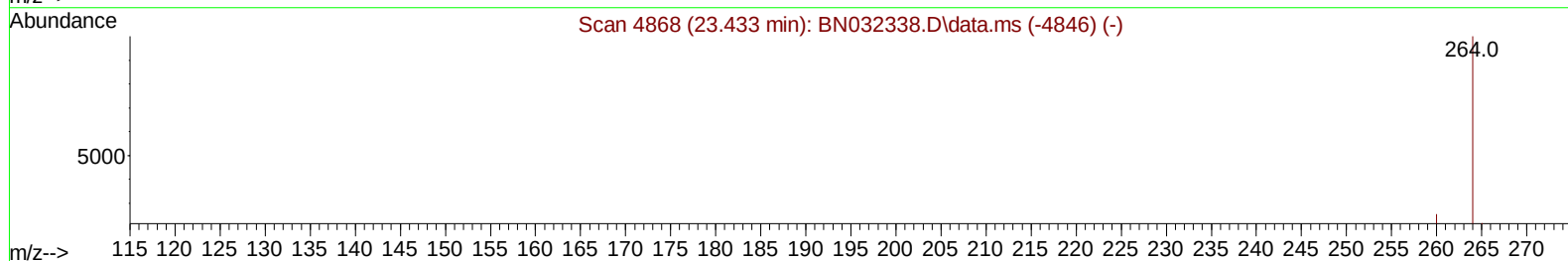
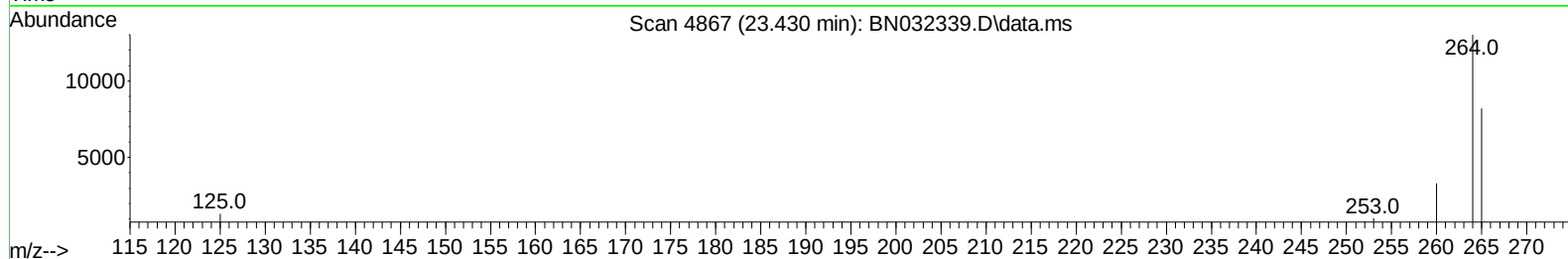
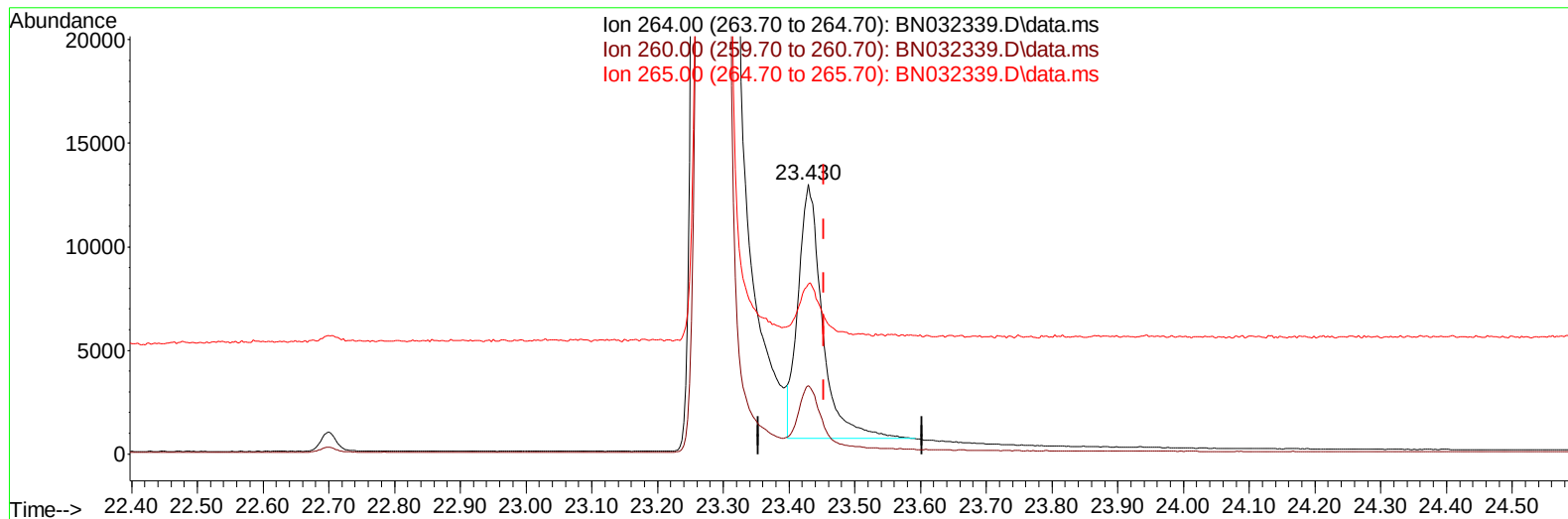
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062824\  
Data File : BN032339.D  
Acq On : 29 Jun 2024 07:29  
Operator : MA/JU  
Sample : PB161564BL  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK564

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/01/2024  
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032339.D\data.ms

(23) Perylene-d12 (I)

23.430min (-0.024) 0.40 ng/u1

response 31310

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.00  | 25.34  |
| 265.00 | 67.20  | 63.18  |
| 0.00   | 0.00   | 0.00   |

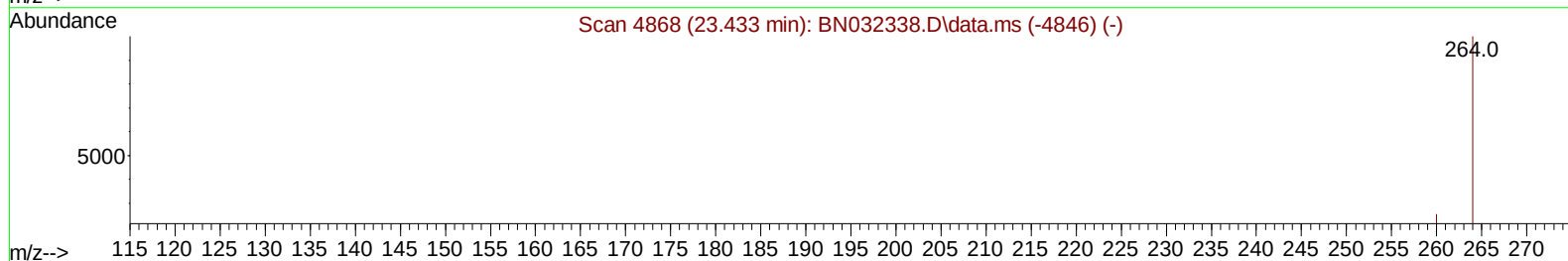
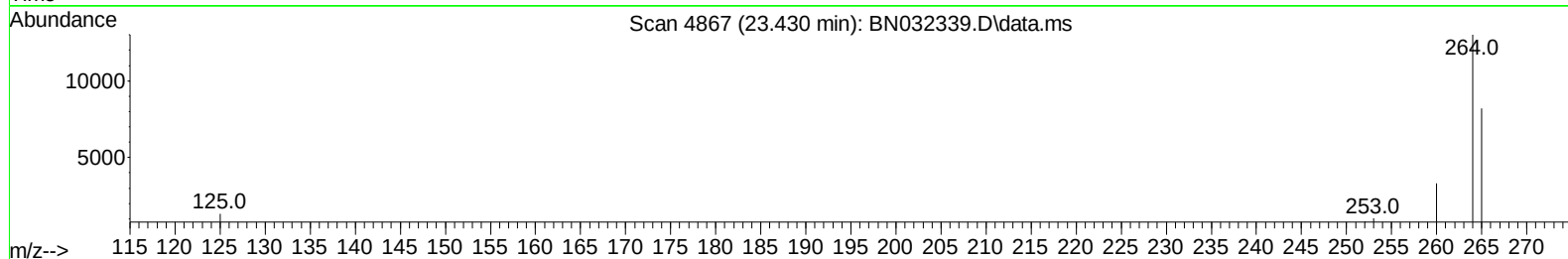
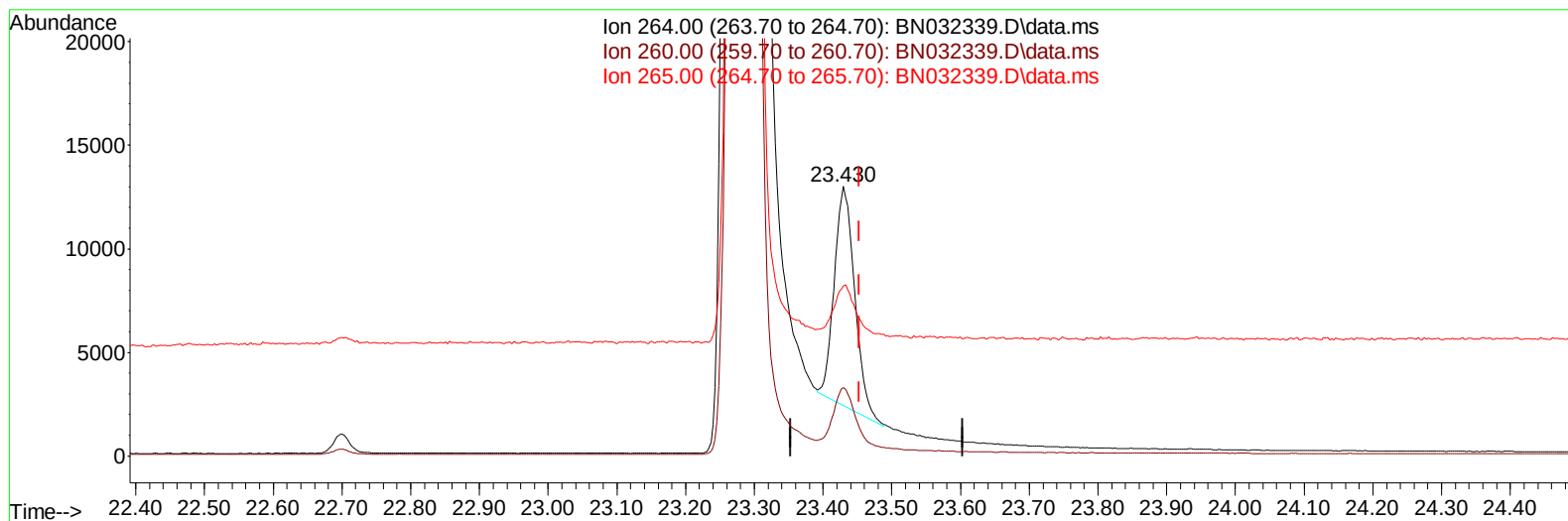
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Operator : MA/JU  
Sample : PB161564BL  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK564

## Manual IntegrationsAPPROVED

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TIC: BN032339.D\data.ms

## (23) Perylene-d12 (I)

23.430min (-0.024) 0.40 ng/ul m

response 21771

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.00  | 25.34  |
| 265.00 | 67.20  | 63.18  |
| 0.00   | 0.00   | 0.00   |

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 Operator : MA/JU  
 Sample : PB161564BL  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 SBLK564

## Manual IntegrationsAPPROVED

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| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.612  | 152  | 9651     | 0.400 | ng/ul | 0.00     |
| 4) Naphthalene-d8           | 10.387 | 136  | 31546    | 0.400 | ng/ul | -0.01    |
| 9) Acenaphthene-d10         | 14.258 | 164  | 17680    | 0.400 | ng/ul | 0.00     |
| 13) Phenanthrene-d10        | 17.012 | 188  | 31195m   | 0.400 | ng/ul | -0.01    |
| 17) Chrysene-d12            | 21.220 | 240  | 21504m   | 0.400 | ng/ul | 0.00     |
| 23) Perylene-d12            | 23.430 | 264  | 21771m   | 0.400 | ng/ul | -0.02    |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 3) 1,4-Dioxane-d8           | 3.148  | 96   | 59911    | 5.585 | ng/ul | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.993 | 152  | 12936    | 0.273 | ng/ul | 0.00     |
| 18) Fluoranthene-d10        | 19.050 | 212  | 20528    | 0.317 | ng/ul | 0.00     |

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

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

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