

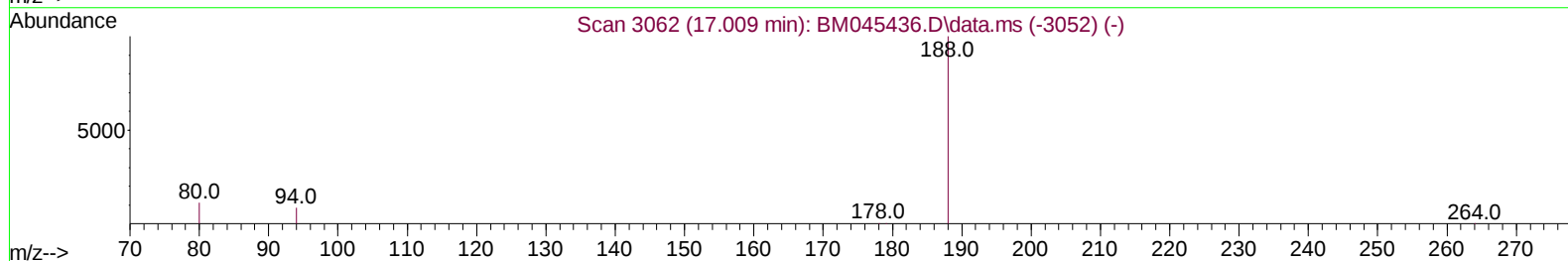
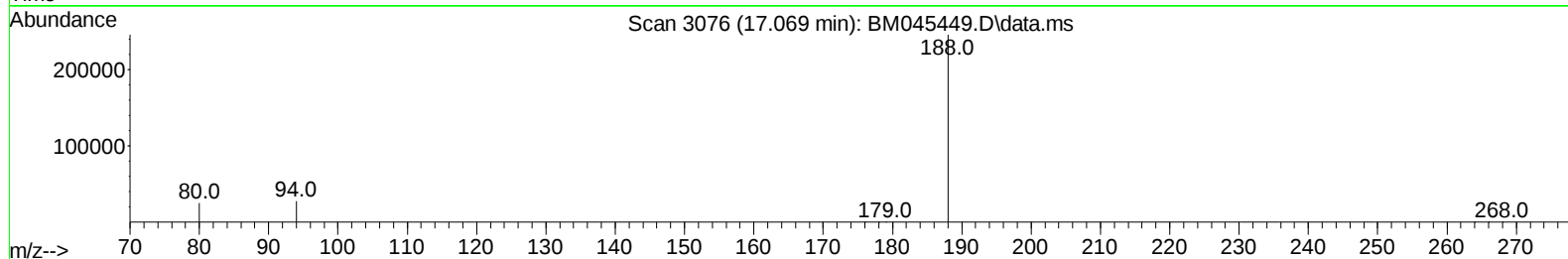
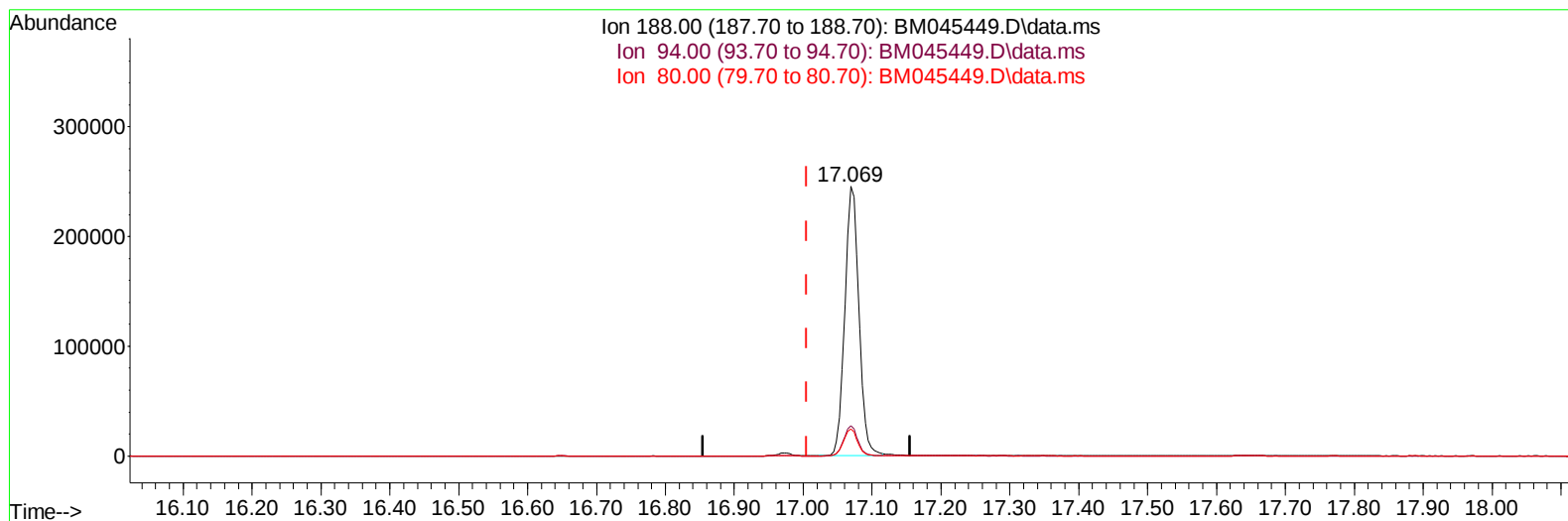
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042024\  
Data File : BM045449.D  
Acq On : 21 Apr 2024 06:45  
Operator : MA/JU  
Sample : P2077-09  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AL3

Manual IntegrationsAPPROVED

Quant Time: Apr 22 01:28:39 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM042024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Apr 21 05:11:22 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024  
Supervised By :mohammad ahmed 04/24/2024



TIC: BM045449.D\data.ms

(13) Phenanthrene-d10 (I)

17.069min (+ 0.064) 0.40 ng/u1

response 349611

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 14.80  | 11.29# |
| 80.00  | 14.80  | 10.11# |
| 0.00   | 0.00   | 0.00   |

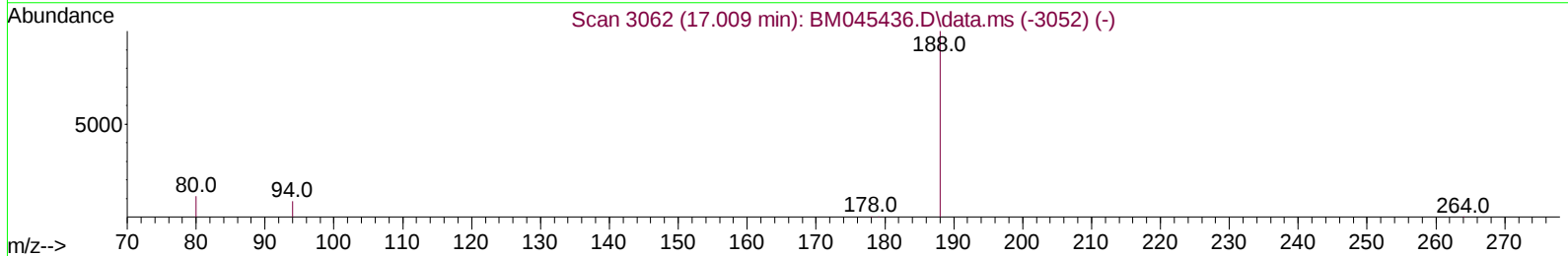
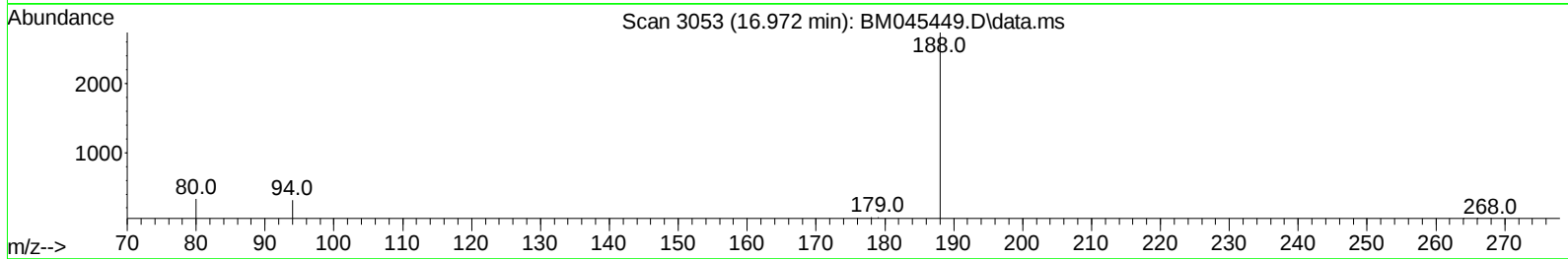
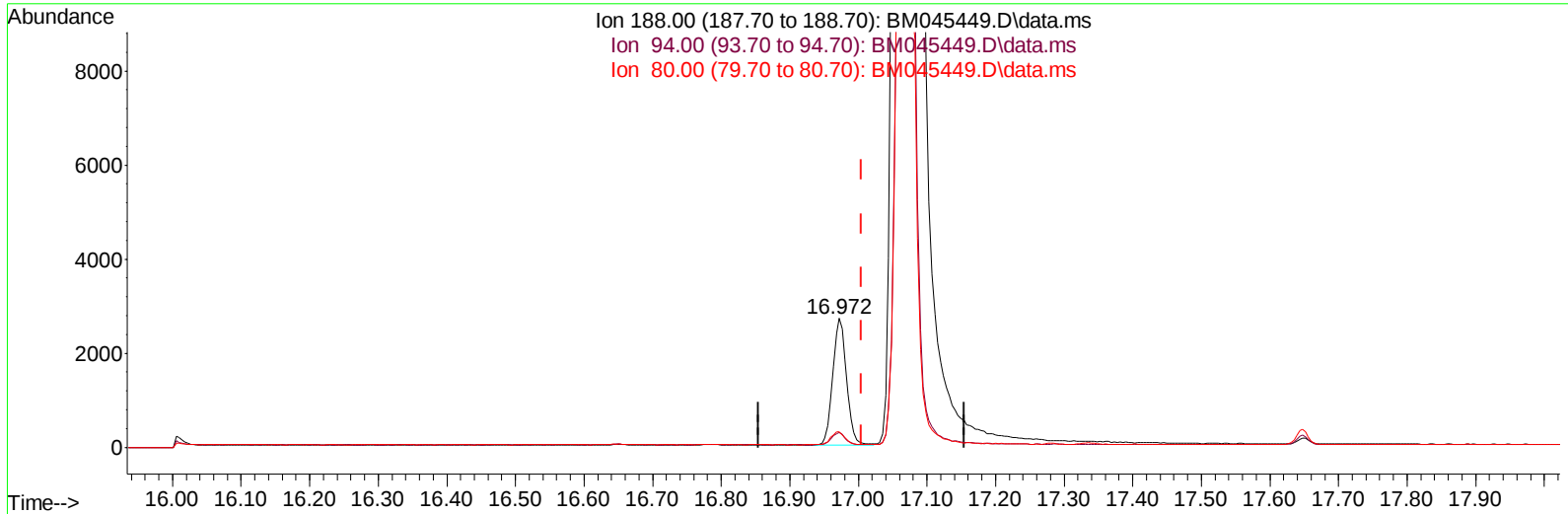
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042024\  
 Data File : BM045449.D  
 Acq On : 21 Apr 2024 06:45  
 Operator : MA/JU  
 Sample : P2077-09  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AL3

Manual IntegrationsAPPROVED

Quant Time: Apr 22 01:28:39 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM042024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Apr 21 05:11:22 2024  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024  
 Supervised By :mohammad ahmed 04/24/2024



TIC: BM045449.D\data.ms

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

**16.972min (-0.033) 0.40 ng/ul m**

**response 3745**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 14.80  | 11.49# |
| 80.00  | 14.80  | 12.19  |
| 0.00   | 0.00   | 0.00   |

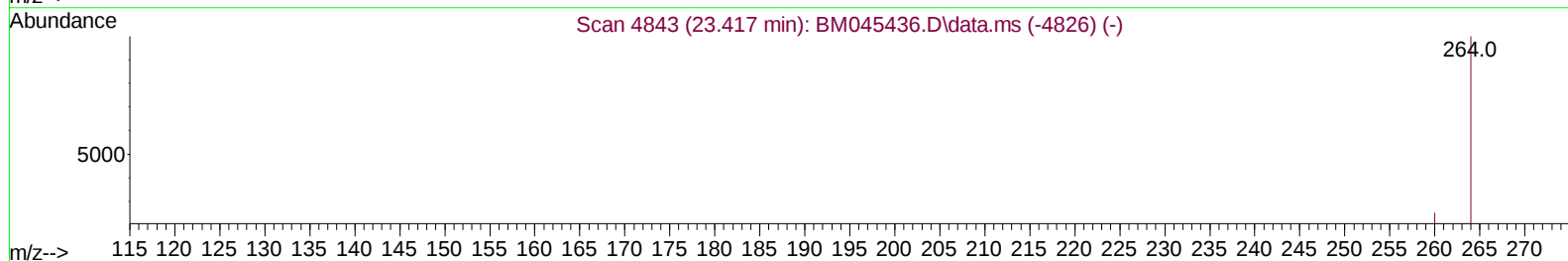
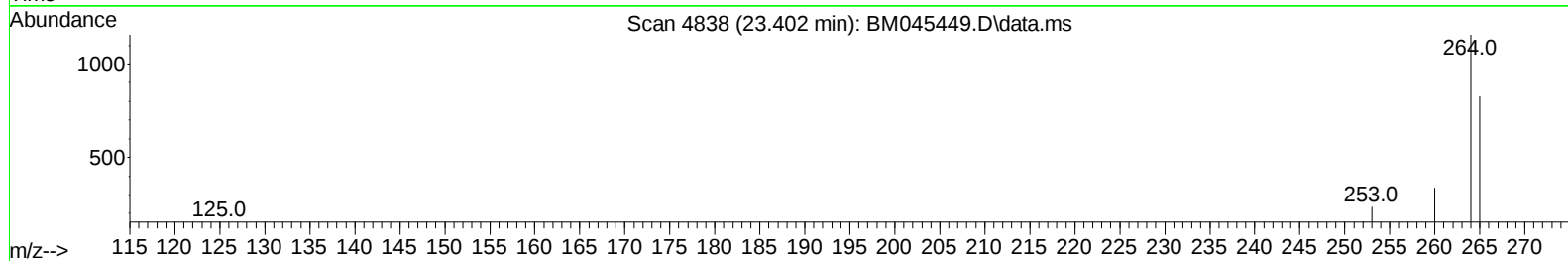
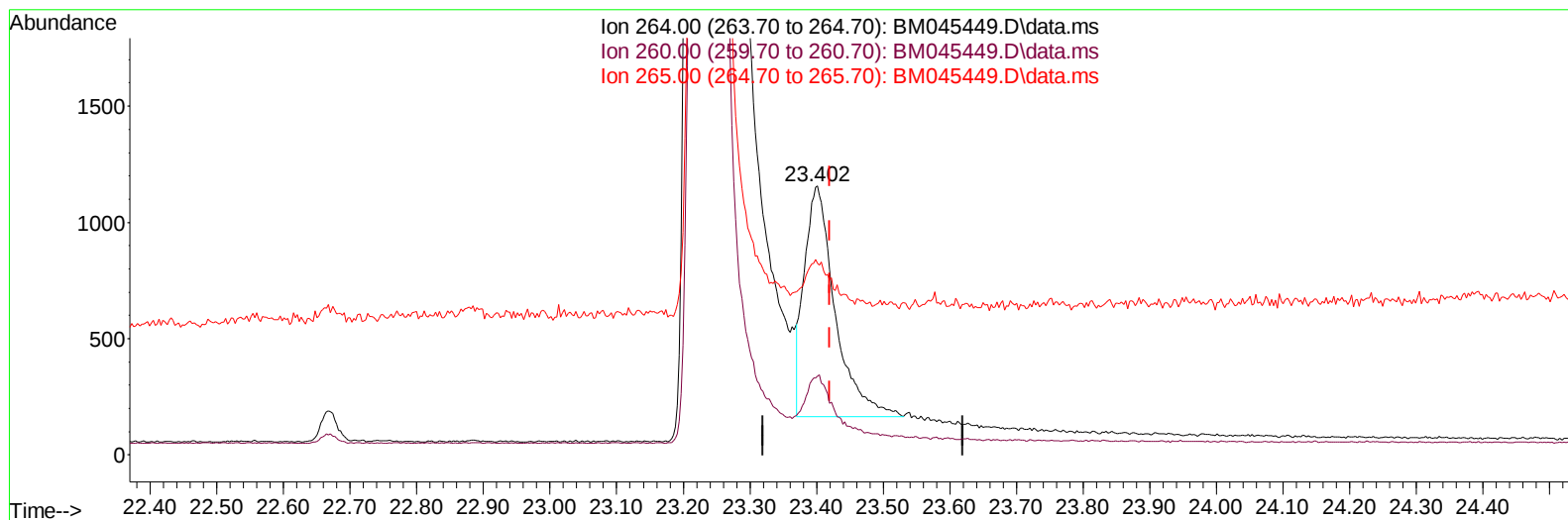
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042024\  
Data File : BM045449.D  
Acq On : 21 Apr 2024 06:45  
Operator : MA/JU  
Sample : P2077-09  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AL3

Manual IntegrationsAPPROVED

Quant Time: Apr 22 01:28:39 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM042024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Apr 21 05:11:22 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024  
Supervised By :mohammad ahmed 04/24/2024



TIC: BM045449.D\data.ms

(23) Perylene-d12 (I)

23.402min (-0.018) 0.40 ng/u1

response 3183

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 30.50  | 29.33  |
| 265.00 | 86.70  | 71.37  |
| 0.00   | 0.00   | 0.00   |

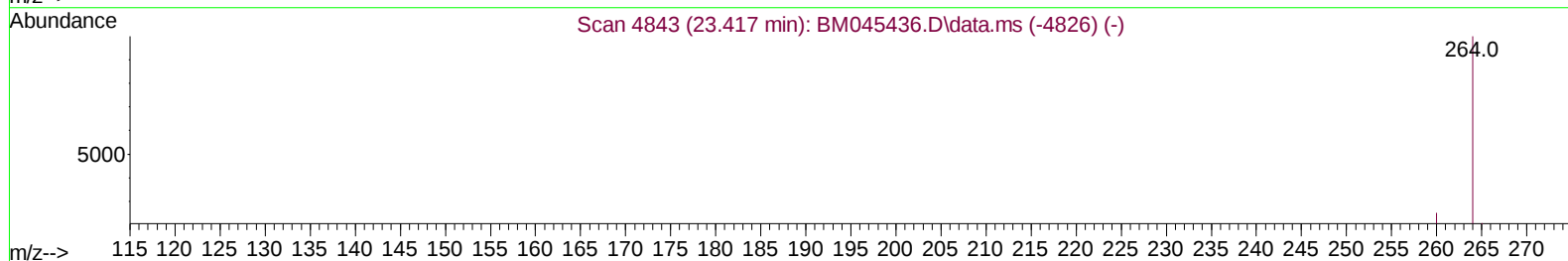
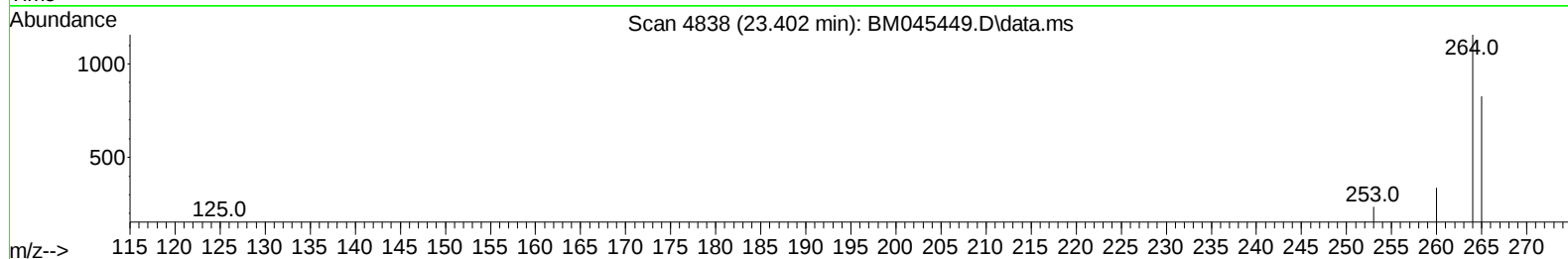
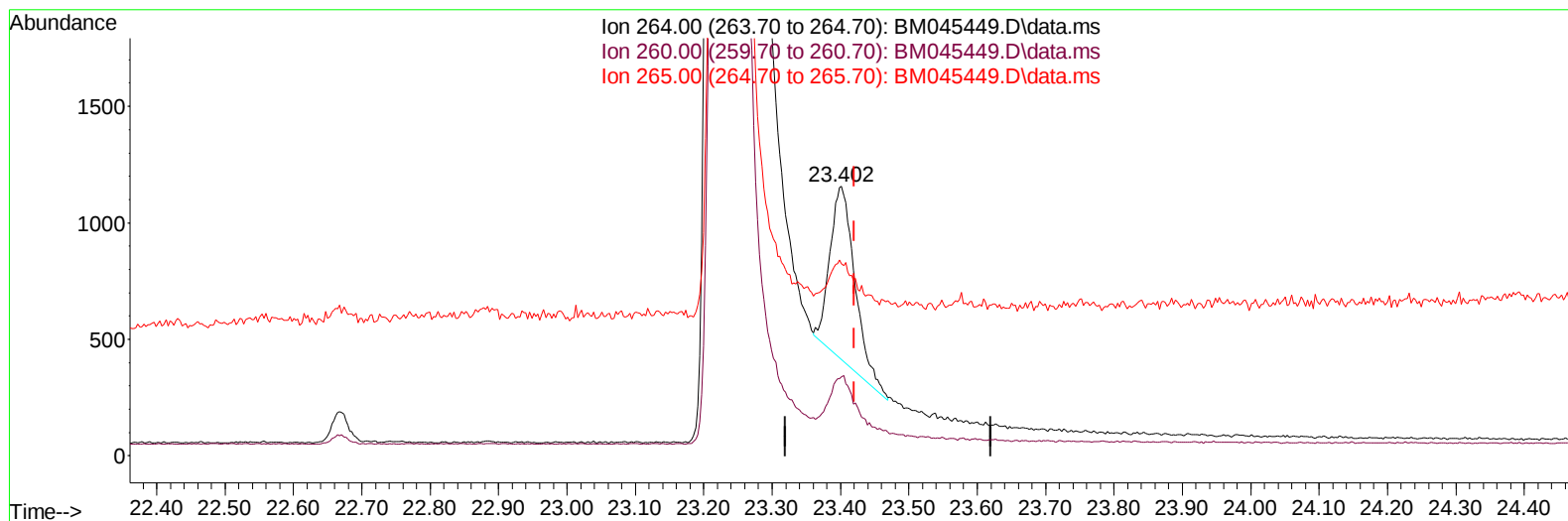
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042024\  
Data File : BM045449.D  
Acq On : 21 Apr 2024 06:45  
Operator : MA/JU  
Sample : P2077-09  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AL3

Manual IntegrationsAPPROVED

Quant Time: Apr 22 01:28:39 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM042024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Apr 21 05:11:22 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024  
Supervised By :mohammad ahmed 04/24/2024



TIC: BM045449.D\data.ms

(23) Perylene-d12 (I)

23.402min (-0.018) 0.40 ng/ul m

response 1860

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 30.50  | 29.33  |
| 265.00 | 86.70  | 71.37  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042024\  
 Data File : BM045449.D  
 Acq On : 21 Apr 2024 06:45  
 Operator : MA/JU  
 Sample : P2077-09  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AL3

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/24/2024  
 Supervised By :mohammad ahmed 04/24/2024

Quant Time: Apr 22 01:28:39 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM042024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Apr 21 05:11:22 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.559  | 152  | 989      | 0.400 | ng/ul | -0.03    |
| 4) Naphthalene-d8           | 10.325 | 136  | 3001     | 0.400 | ng/ul | #-0.05   |
| 9) Acenaphthene-d10         | 14.210 | 164  | 1790     | 0.400 | ng/ul | -0.02    |
| 13) Phenanthrene-d10        | 16.972 | 188  | 3745m    | 0.400 | ng/ul | -0.03    |
| 17) Chrysene-d12            | 21.213 | 240  | 2298     | 0.400 | ng/ul | 0.00     |
| 23) Perylene-d12            | 23.402 | 264  | 1860m    | 0.400 | ng/ul | -0.02    |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 3) 1,4-Dioxane-d8           | 3.167  | 96   | 4025     | 3.036 | ng/ul | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 11.947 | 152  | 1381     | 0.349 | ng/ul | -0.03    |
| 18) Fluoranthene-d10        | 19.016 | 212  | 3356     | 0.464 | ng/ul | -0.03    |

Target Compounds Qvalue

-----

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042024\  
Data File : BM045449.D  
Acq On : 21 Apr 2024 06:45  
Operator : MA/JU  
Sample : P2077-09  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AL3

## Manual IntegrationsAPPROVED

Quant Time: Apr 22 01:28:39 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM042024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Apr 21 05:11:22 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/24/2024  
Supervised By :mohammad ahmed 04/24/2024

