

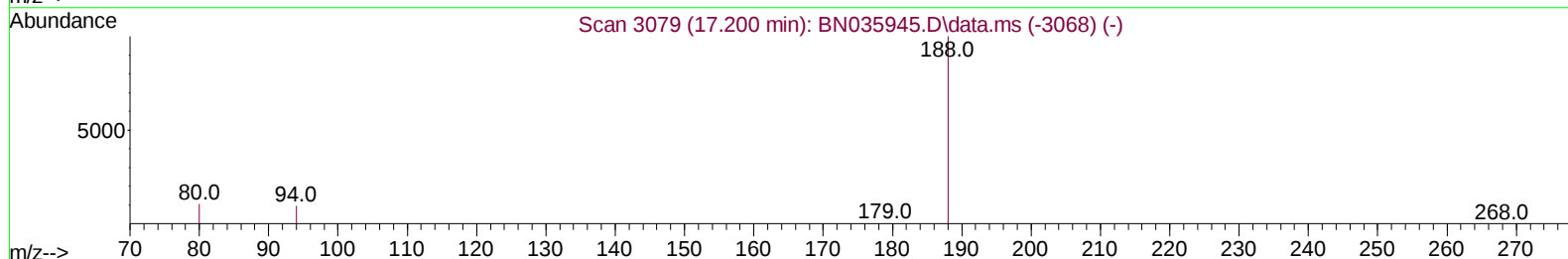
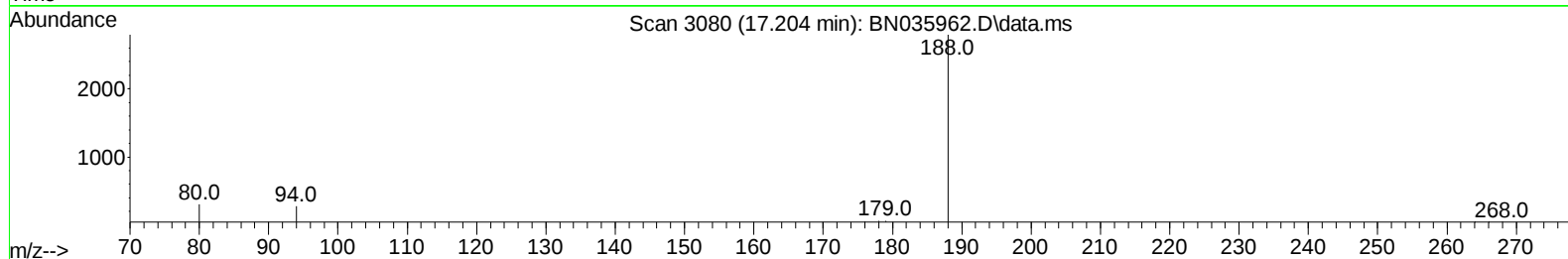
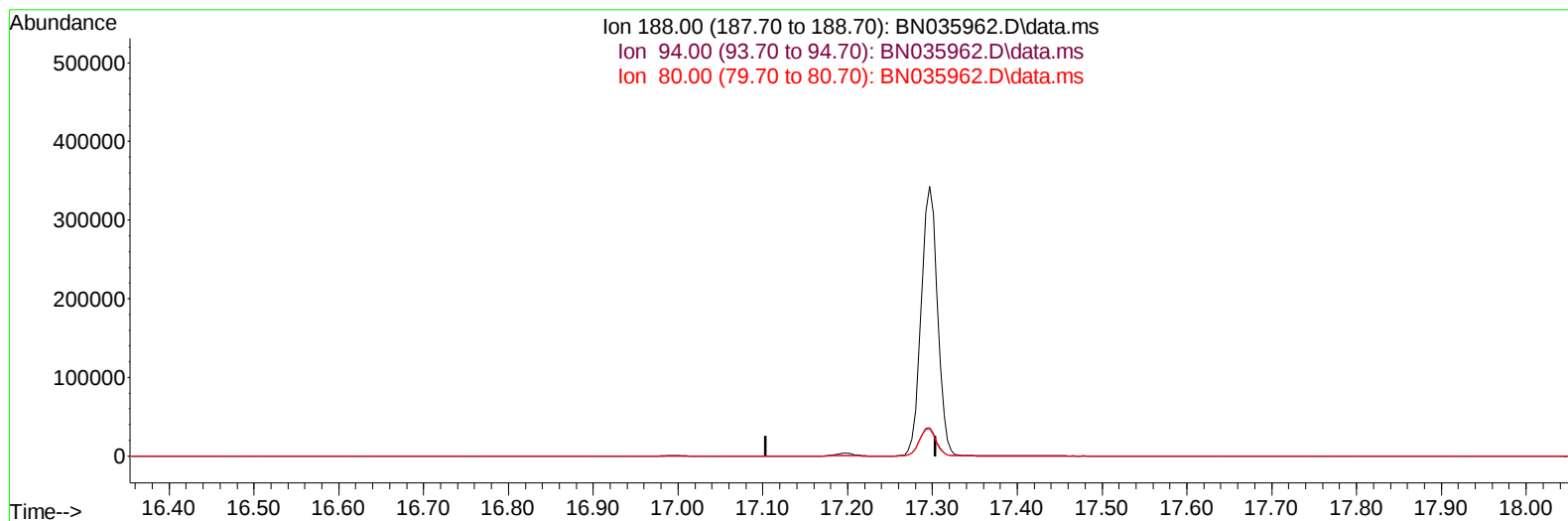
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN011725\  
Data File : BN035962.D  
Acq On : 17 Jan 2025 21:38  
Operator : RC/JU  
Sample : Q1086-15  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AF6

Manual IntegrationsAPPROVED

Quant Time: Jan 18 01:09:28 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN123124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jan 14 10:40:45 2025  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/20/2025  
Supervised By :mohammad ahmed 01/20/2025



TIC: BN035962.D\data.ms

(13) Phenanthrene-d10 (I)

17.204min (-17.204) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 188.00 | 100.00 | 0.00  |
| 94.00  | 10.70  | 0.00# |
| 80.00  | 11.50  | 0.00# |
| 0.00   | 0.00   | 0.00  |

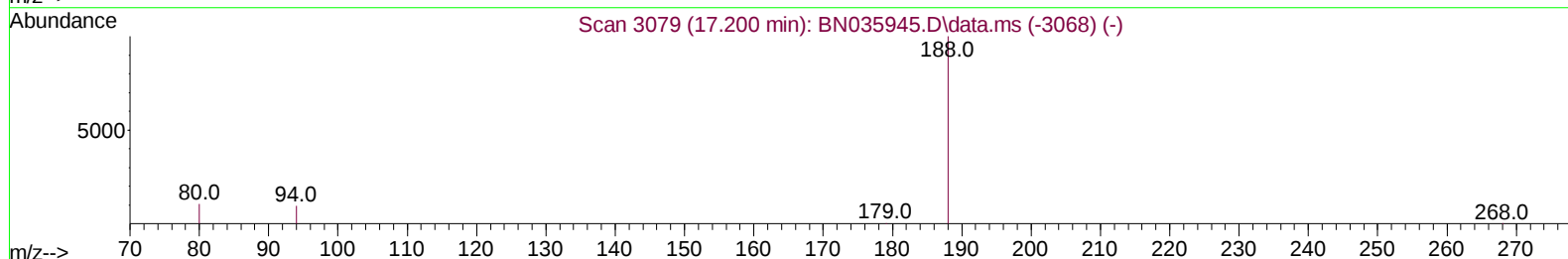
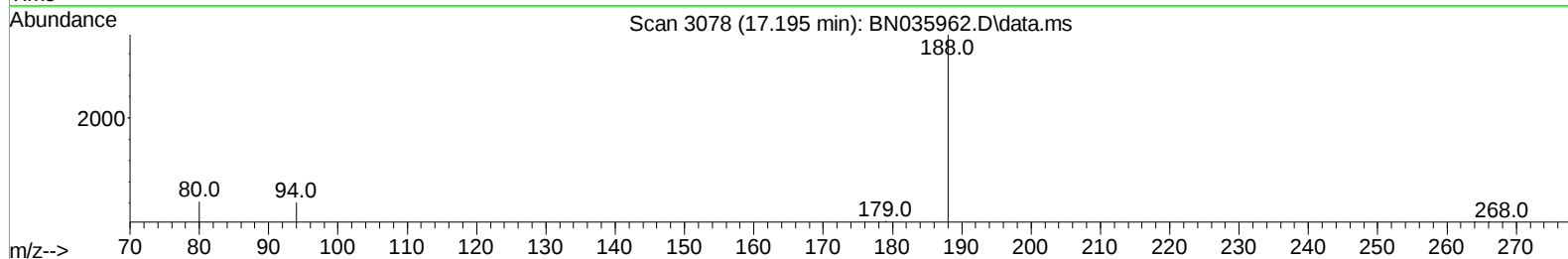
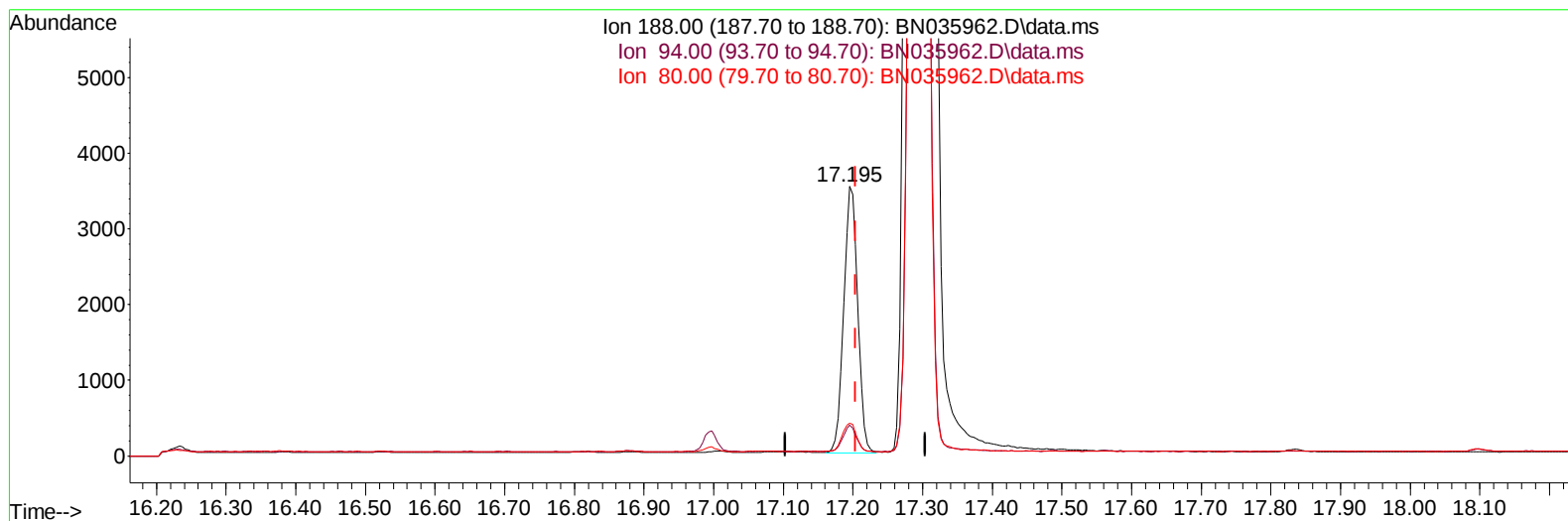
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN011725\  
Data File : BN035962.D  
Acq On : 17 Jan 2025 21:38  
Operator : RC/JU  
Sample : Q1086-15  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AF6

Manual IntegrationsAPPROVED

Quant Time: Jan 18 01:09:28 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN123124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jan 14 10:40:45 2025  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/20/2025  
Supervised By :mohammad ahmed 01/20/2025



TIC: BN035962.D\data.ms

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

17.195min (-0.008) 0.40 ng/u1 m

response 4926

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 10.70  | 11.51  |
| 80.00  | 11.50  | 12.10  |
| 0.00   | 0.00   | 0.00   |

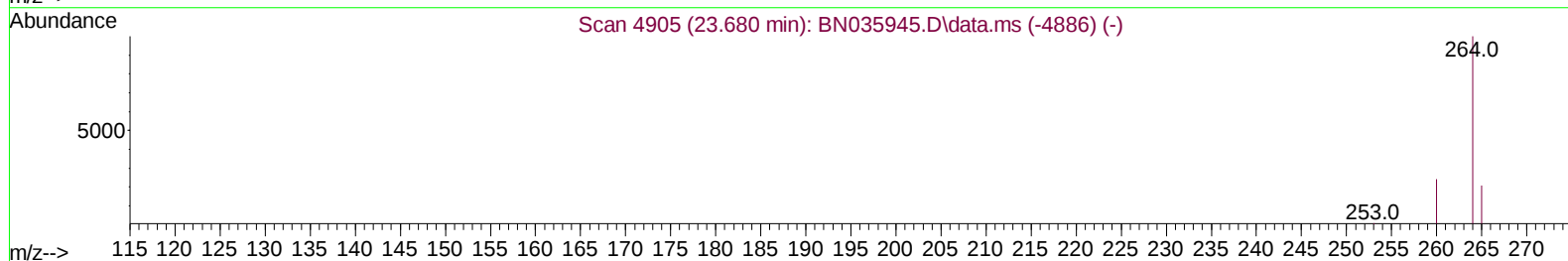
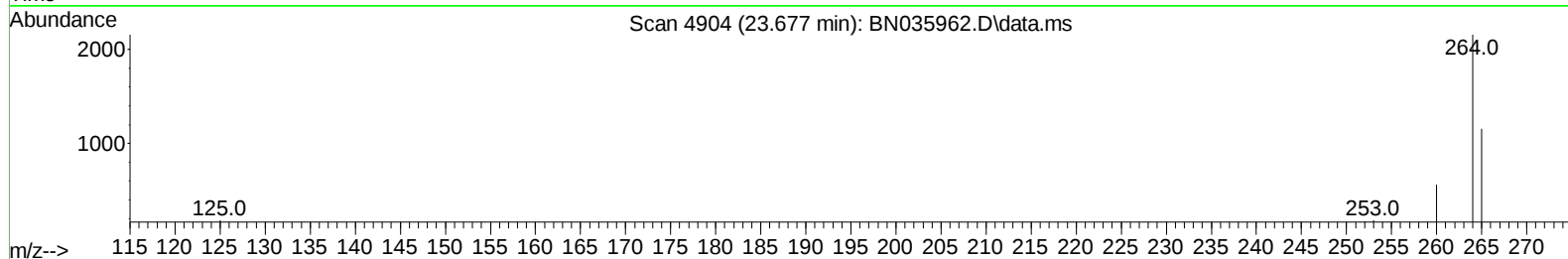
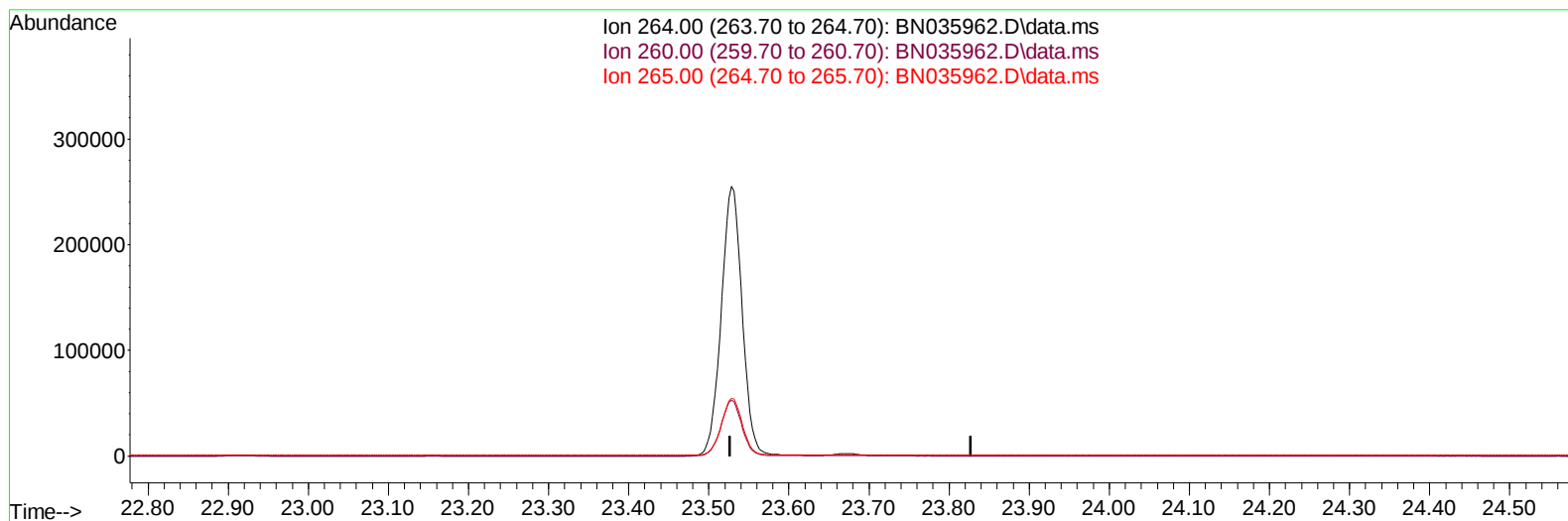
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN011725\  
Data File : BN035962.D  
Acq On : 17 Jan 2025 21:38  
Operator : RC/JU  
Sample : Q1086-15  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AF6

Manual IntegrationsAPPROVED

Quant Time: Jan 18 01:09:28 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN123124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jan 14 10:40:45 2025  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/20/2025  
Supervised By :mohammad ahmed 01/20/2025



TIC: BN035962.D\data.ms

(23) Perylene-d12 (I)

23.677min (-23.677) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 264.00 | 100.00 | 0.00  |
| 260.00 | 25.60  | 0.00# |
| 265.00 | 36.50  | 0.00# |
| 0.00   | 0.00   | 0.00  |

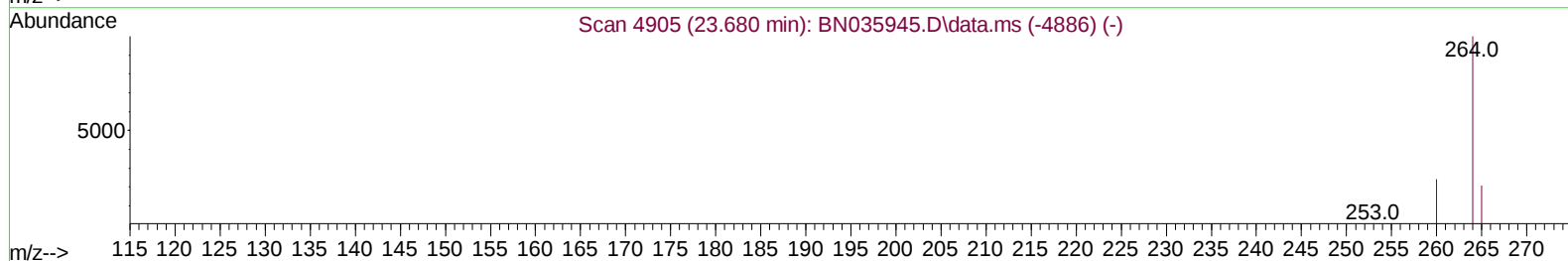
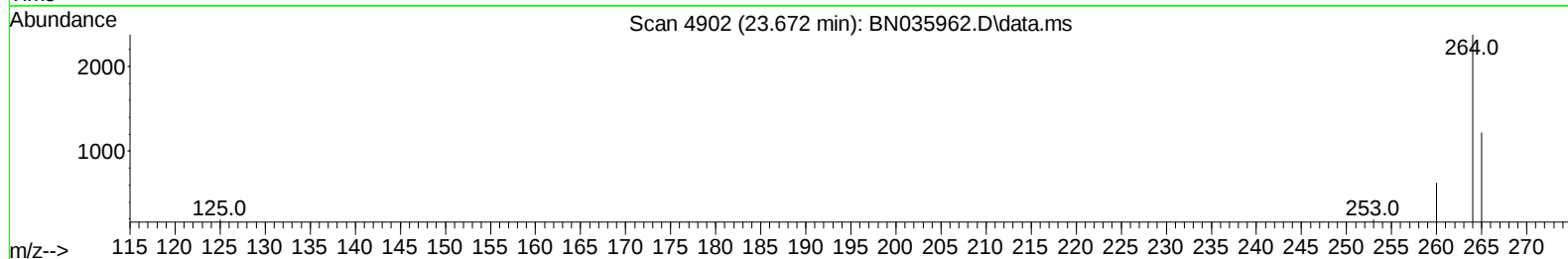
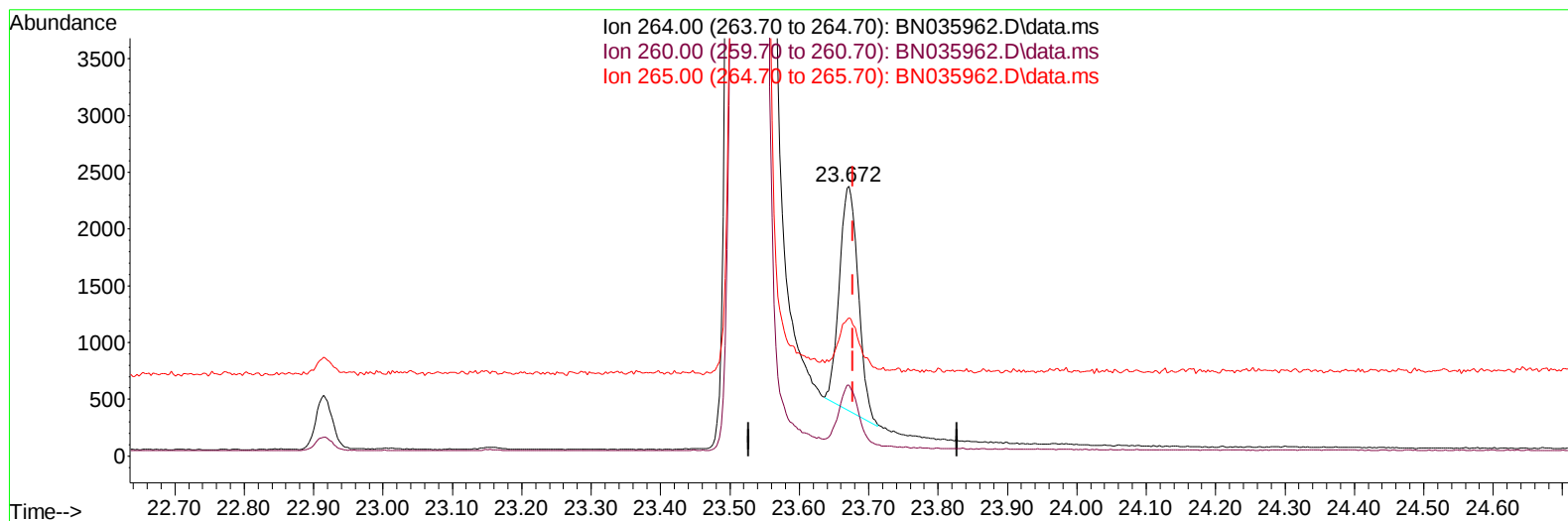
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN011725\  
Data File : BN035962.D  
Acq On : 17 Jan 2025 21:38  
Operator : RC/JU  
Sample : Q1086-15  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AF6

Manual IntegrationsAPPROVED

Quant Time: Jan 18 01:09:28 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN123124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jan 14 10:40:45 2025  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 01/20/2025  
Supervised By :mohammad ahmed 01/20/2025



TIC: BN035962.D\data.ms

(23) Perylene-d12 (I)

23.672min (-0.006) 0.40 ng/ul m

response 3727

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 25.60  | 26.41  |
| 265.00 | 36.50  | 51.39# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN011725\  
 Data File : BN035962.D  
 Acq On : 17 Jan 2025 21:38  
 Operator : RC/JU  
 Sample : Q1086-15  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AF6

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/20/2025  
 Supervised By :mohammad ahmed 01/20/2025

Quant Time: Jan 18 01:09:28 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN123124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 14 10:40:45 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | Q   | Ion | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|--------|--------|----------|
| -----                       |        |     |     |          |        |        |          |
| Internal Standards          |        |     |     |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.824  | 152 |     | 2143     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.615 | 136 |     | 4443     | 0.400  | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.459 | 164 |     | 2453     | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.195 | 188 |     | 4926m    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.374 | 240 |     | 3965     | 0.400  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.672 | 264 |     | 3727m    | 0.400  | ng/ul  | 0.00     |
|                             |        |     |     |          |        |        |          |
| System Monitoring Compounds |        |     |     |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.280  | 96  |     | 14349    | 6.641  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.204 | 152 |     | 2172     | 0.376  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.224 | 212 |     | 5176     | 0.493  | ng/ul  | 0.00     |
|                             |        |     |     |          |        |        |          |
| Target Compounds            |        |     |     |          |        |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.314  | 88  |     | 86712    | 36.853 | ng/ul# | 79       |
| -----                       |        |     |     |          |        |        |          |

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

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Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
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Manual IntegrationsAPPROVED

Quant Time: Jan 18 01:09:28 2025  
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Reviewed By :Yogesh Patel 01/20/2025  
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