

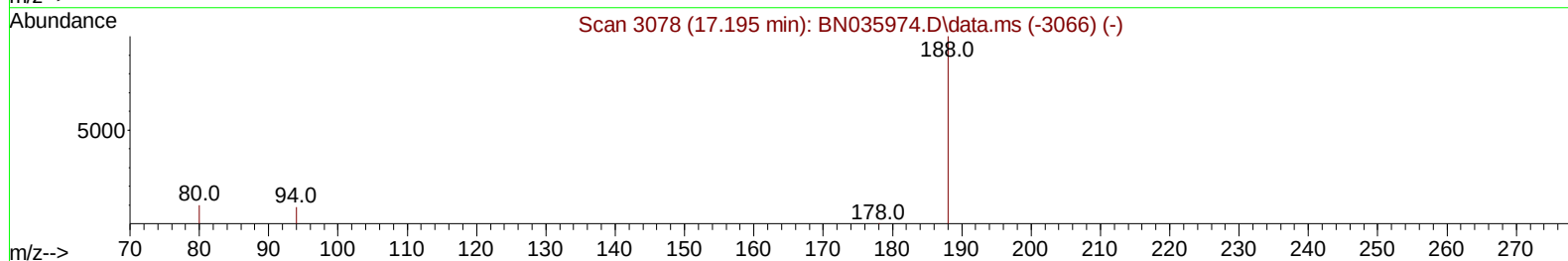
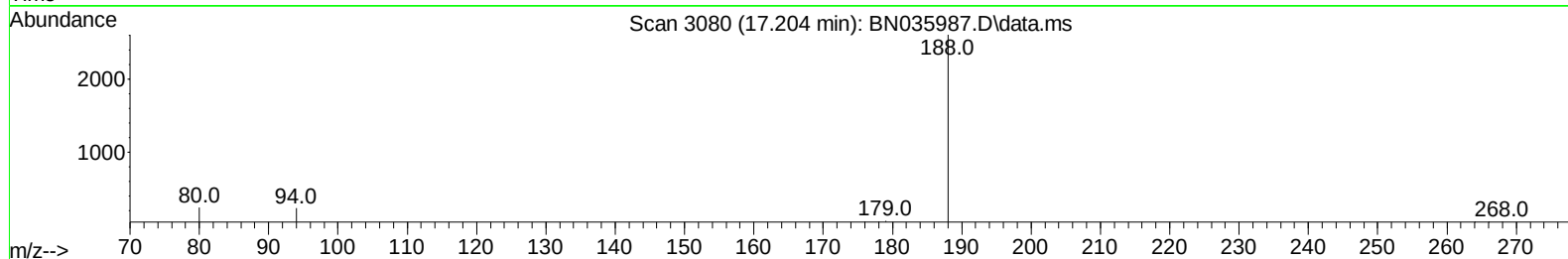
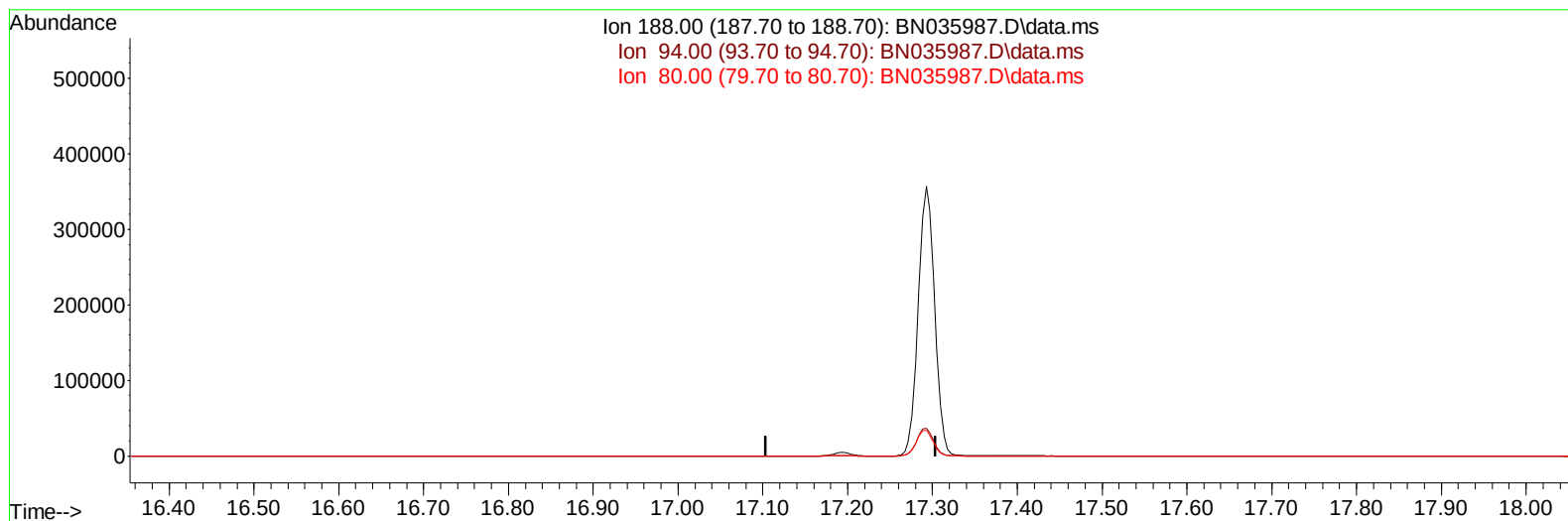
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN011725\  
Data File : BN035987.D  
Acq On : 18 Jan 2025 13:15  
Operator : RC/JU  
Sample : PB166088BL  
Misc :  
ALS Vial : 47 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK088

Manual IntegrationsAPPROVED

Quant Time: Jan 19 23:54:34 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: BN035987.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  |

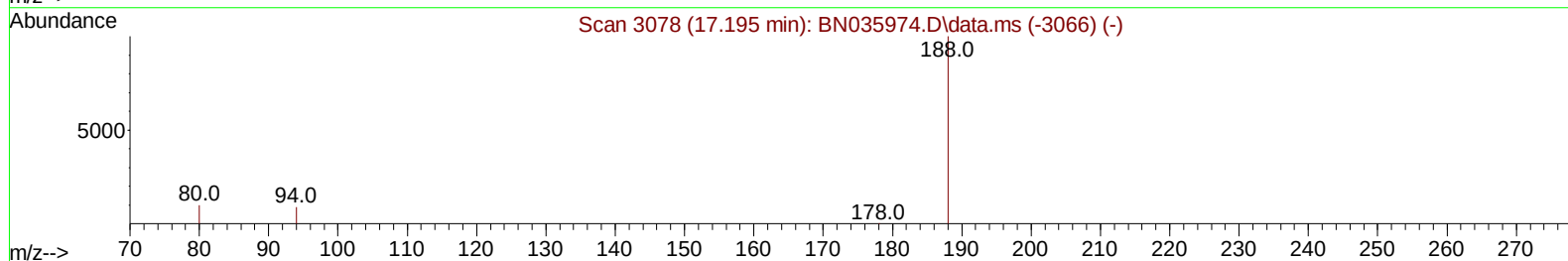
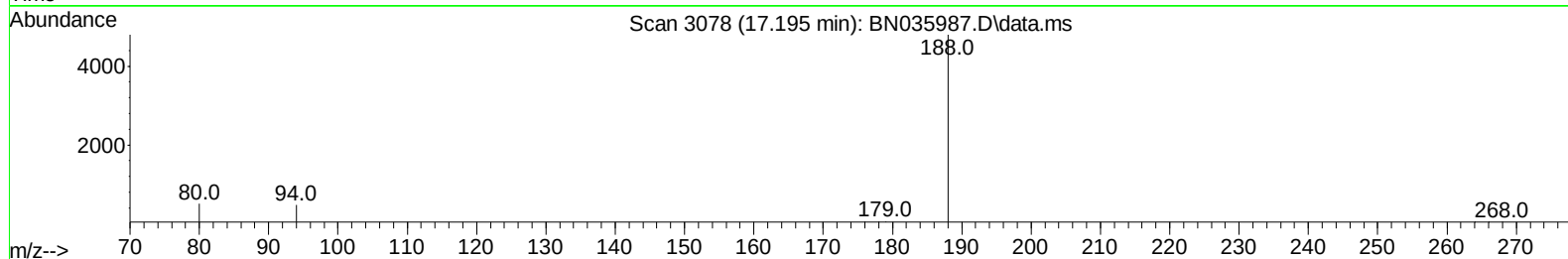
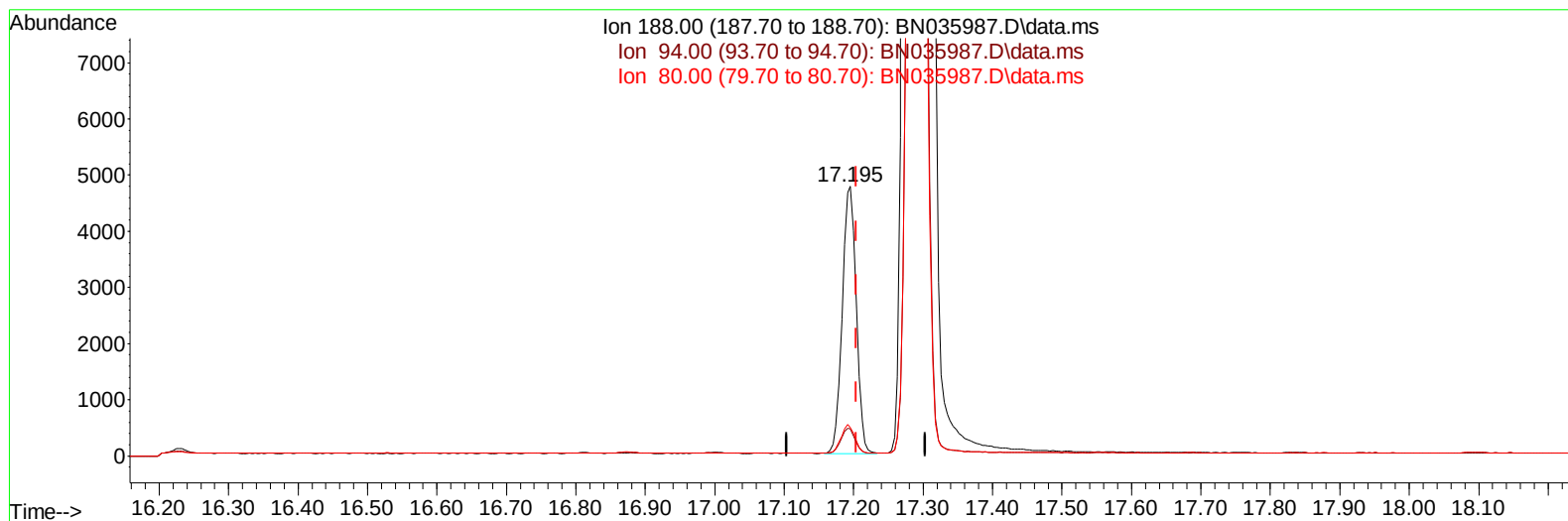
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN011725\  
Data File : BN035987.D  
Acq On : 18 Jan 2025 13:15  
Operator : RC/JU  
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ALS Vial : 47 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

Quant Time: Jan 19 23:54:34 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  
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Reviewed By :Yogesh Patel 01/20/2025  
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TIC: BN035987.D\data.ms

(13) Phenanthrene-d10 (I)

17.195min (-0.008) 0.40 ng/ul m

response 6667

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 10.70  | 9.94   |
| 80.00  | 11.50  | 10.59  |
| 0.00   | 0.00   | 0.00   |

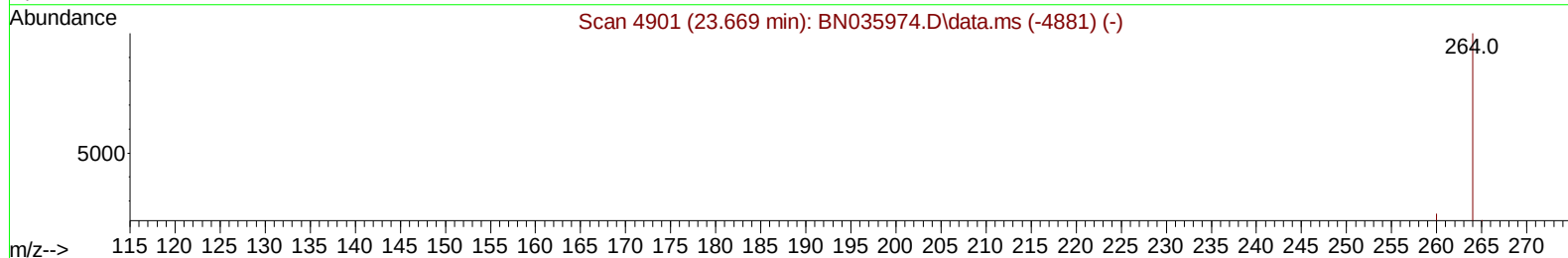
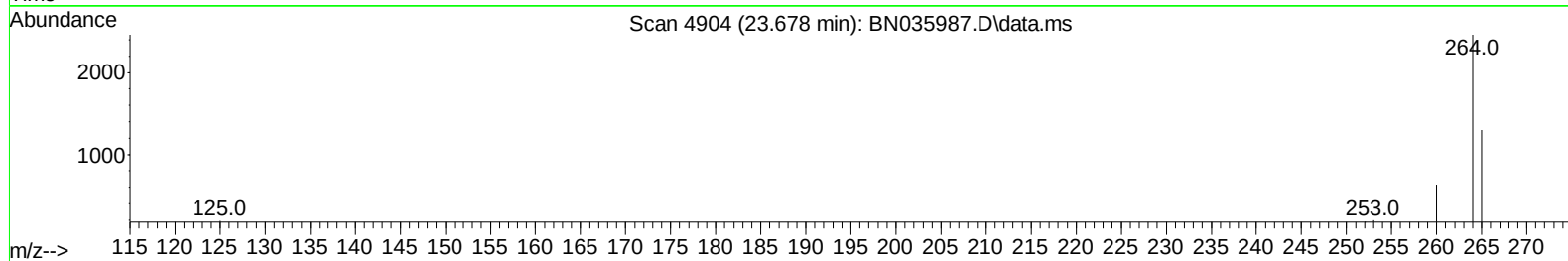
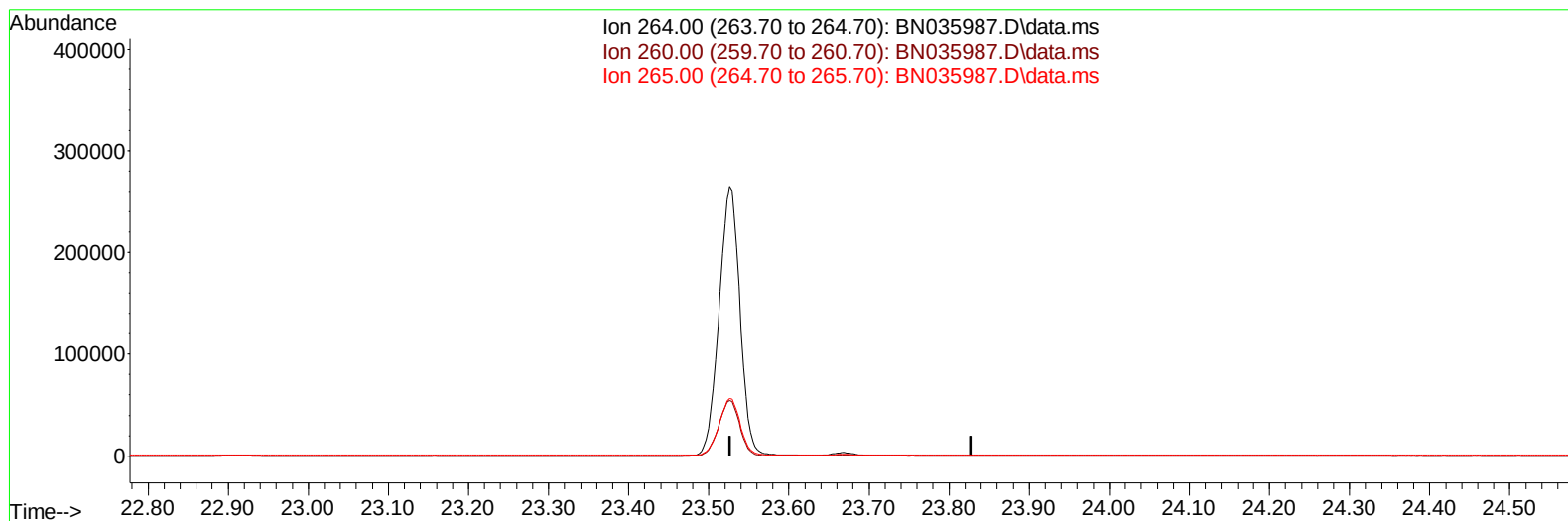
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN011725\  
Data File : BN035987.D  
Acq On : 18 Jan 2025 13:15  
Operator : RC/JU  
Sample : PB166088BL  
Misc :  
ALS Vial : 47 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK088

Manual IntegrationsAPPROVED

Quant Time: Jan 19 23:54:34 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: BN035987.D\data.ms

**(23) Perylene-d12 (I)**

**23.677min (-23.677) 0.00 ng/ul**

**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  |

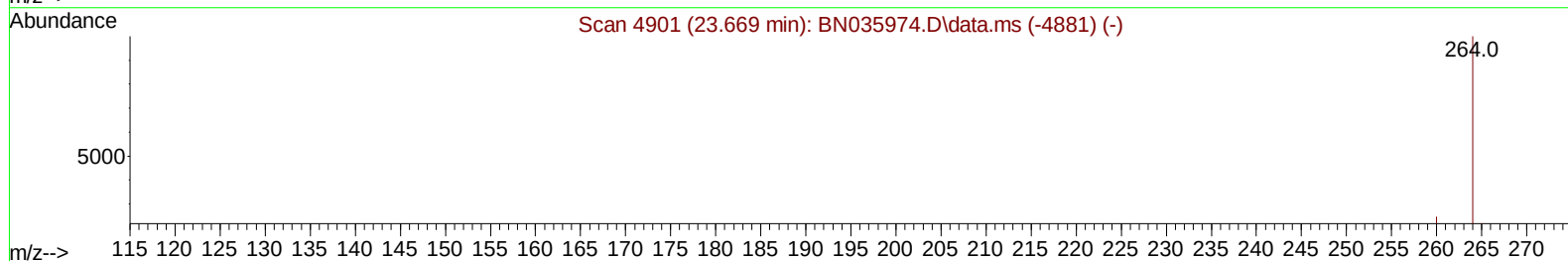
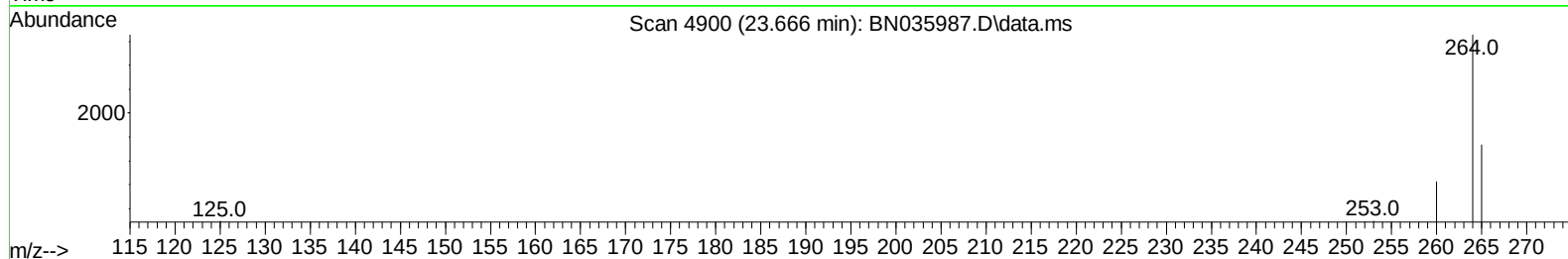
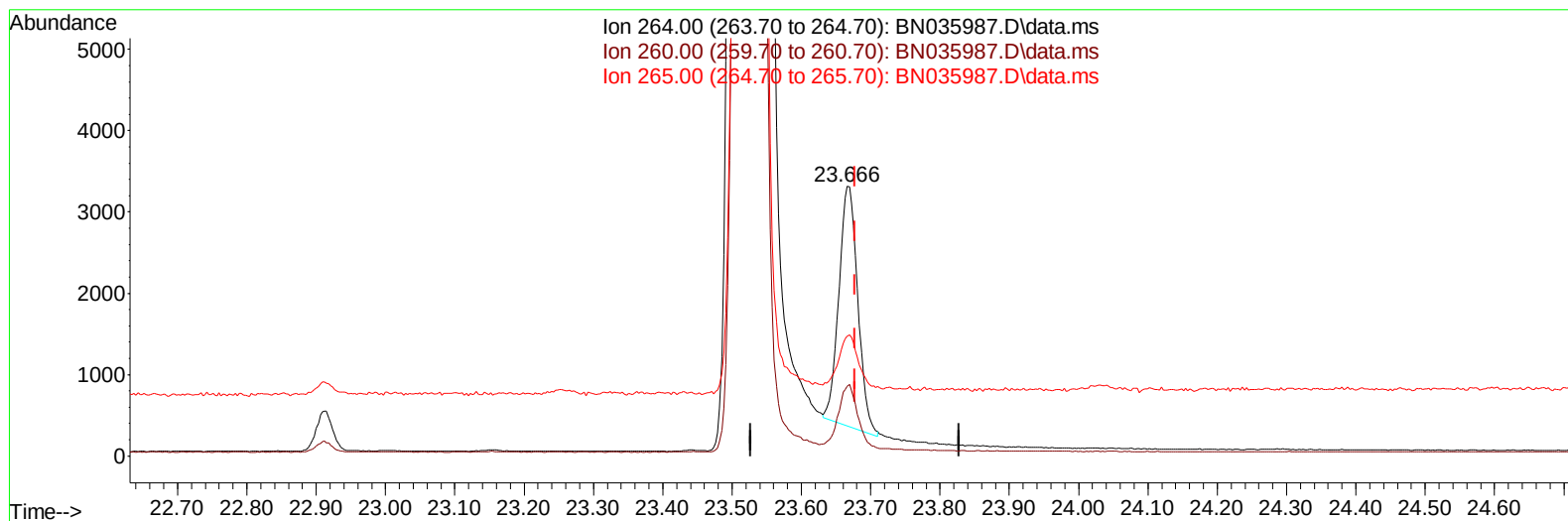
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Data File : BN035987.D  
Acq On : 18 Jan 2025 13:15  
Operator : RC/JU  
Sample : PB166088BL  
Misc :  
ALS Vial : 47 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
SBLK088

Manual IntegrationsAPPROVED

Quant Time: Jan 19 23:54:34 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: BN035987.D\data.ms

(23) Perylene-d12 (I)

23.666min (-0.011) 0.40 ng/ul m

response 5584

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 25.60  | 25.78  |
| 265.00 | 36.50  | 44.43# |
| 0.00   | 0.00   | 0.00   |

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 Data File : BN035987.D  
 Acq On : 18 Jan 2025 13:15  
 Operator : RC/JU  
 Sample : PB166088BL  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SBLK088

## Manual IntegrationsAPPROVED

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

Quant Time: Jan 19 23:54:34 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.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.820  | 152  | 2497     | 0.400 | ng/ul | 0.00     |
| 4) Naphthalene-d8           | 10.611 | 136  | 5304     | 0.400 | ng/ul | -0.01    |
| 9) Acenaphthene-d10         | 14.455 | 164  | 3133     | 0.400 | ng/ul | 0.00     |
| 13) Phenanthrene-d10        | 17.195 | 188  | 6667m    | 0.400 | ng/ul | 0.00     |
| 17) Chrysene-d12            | 21.372 | 240  | 5749     | 0.400 | ng/ul | 0.00     |
| 23) Perylene-d12            | 23.666 | 264  | 5584m    | 0.400 | ng/ul | -0.01    |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 3) 1,4-Dioxane-d8           | 3.276  | 96   | 16013    | 6.361 | ng/ul | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.200 | 152  | 2298     | 0.333 | ng/ul | -0.01    |
| 18) Fluoranthene-d10        | 19.220 | 212  | 5468     | 0.359 | ng/ul | 0.00     |

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

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

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Instrument :  
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Manual IntegrationsAPPROVED

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