

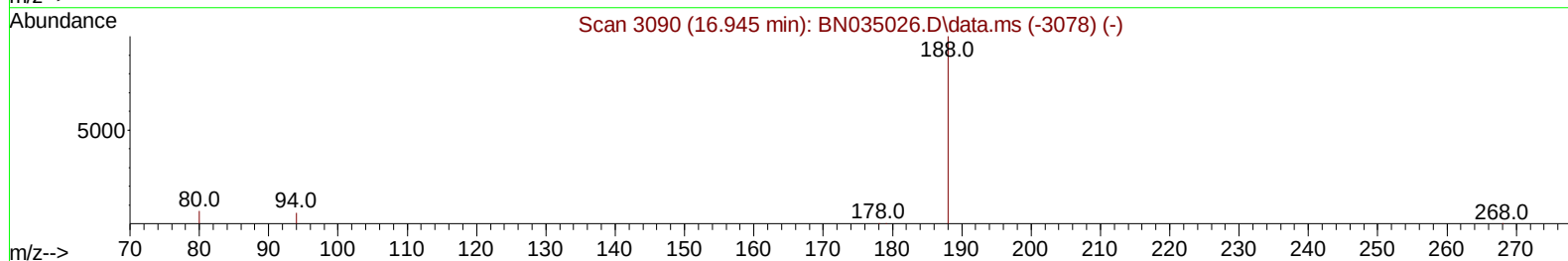
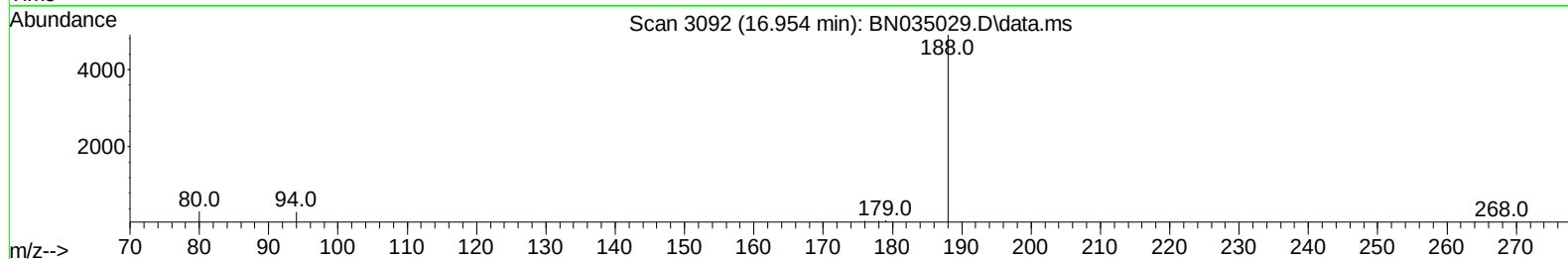
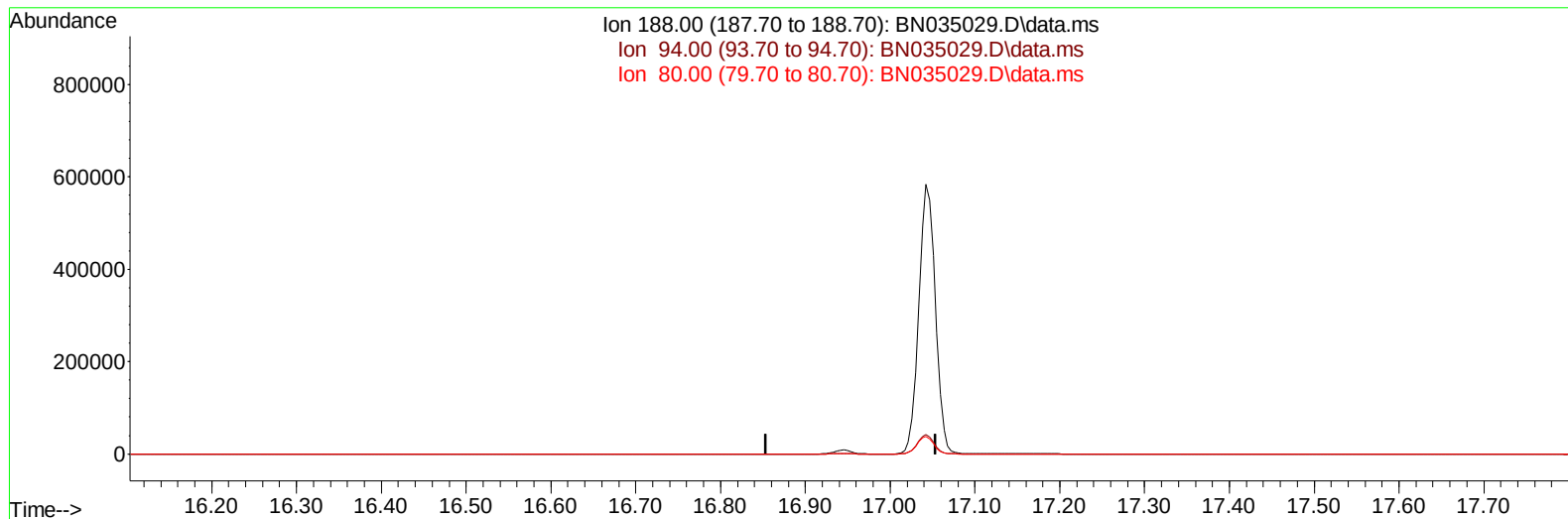
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111124\  
Data File : BN035029.D  
Acq On : 12 Nov 2024 10:26  
Operator : RC/JU  
Sample : P4714-10  
Misc :  
ALS Vial : 47 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COAH0

Manual IntegrationsAPPROVED

Quant Time: Nov 12 12:13:42 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN110924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Nov 09 00:09:12 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/13/2024  
Supervised By :mohammad ahmed 11/14/2024



TIC: BN035029.D\data.ms

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

**16.954min (-16.954) 0.00 ng/u1**

**response 0**

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 188.00 | 100.00 | 0.00  |
| 94.00  | 6.10   | 0.00# |
| 80.00  | 7.00   | 0.00# |
| 0.00   | 0.00   | 0.00  |

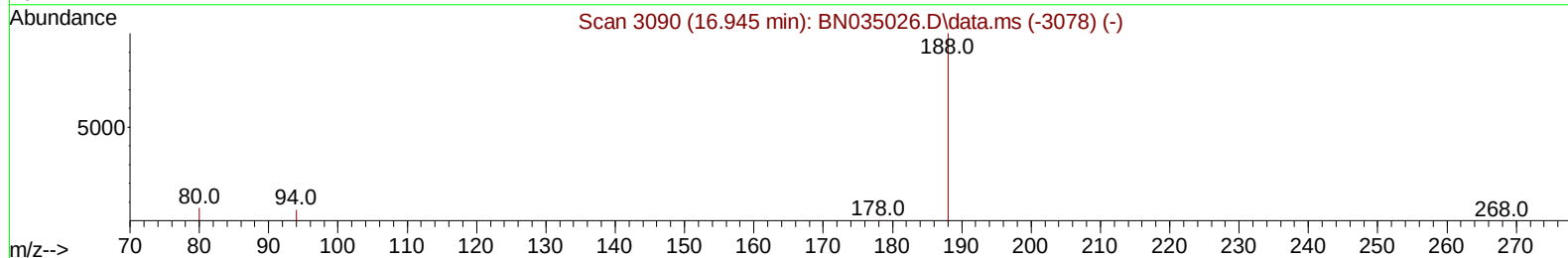
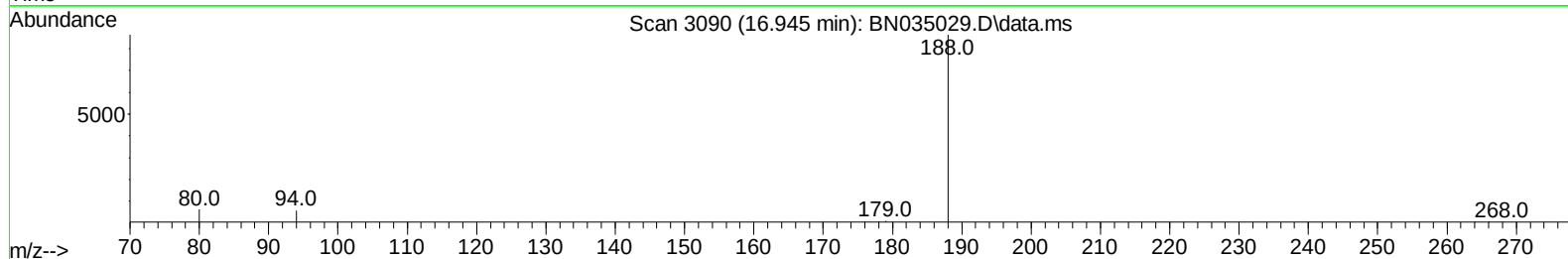
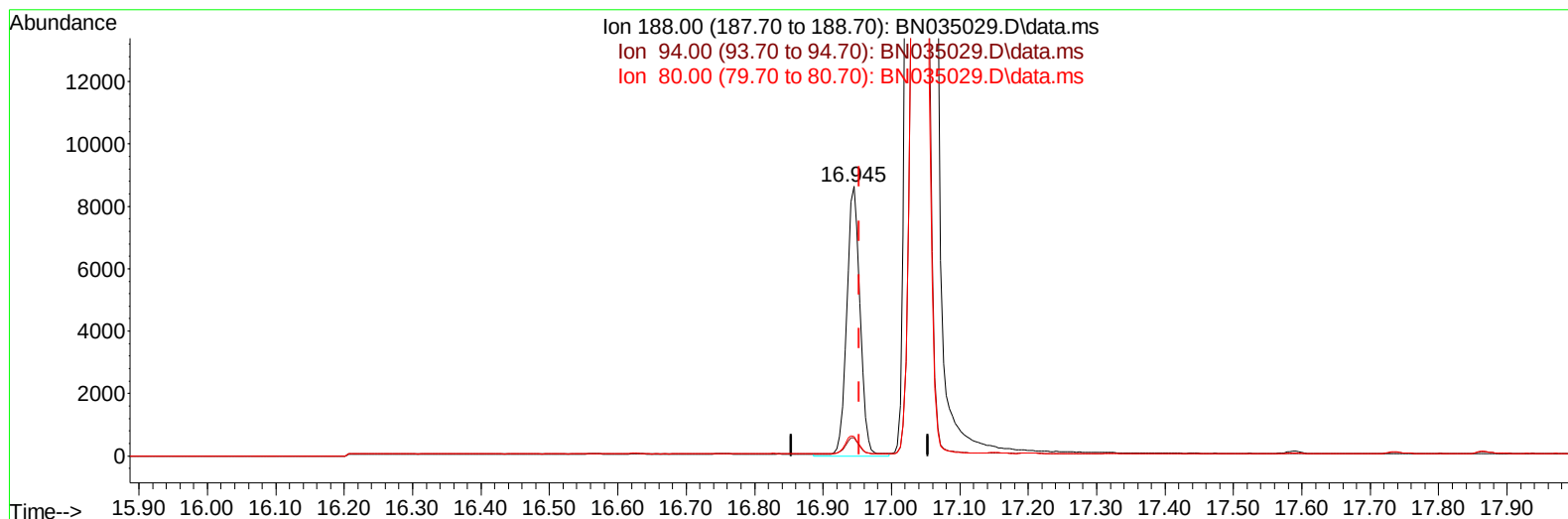
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**(13) Phenanthrene-d10 (I)**

**16.945min (-0.008) 0.40 ng/ul m**

**response 11728**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 6.10   | 6.76   |
| 80.00  | 7.00   | 7.19   |
| 0.00   | 0.00   | 0.00   |

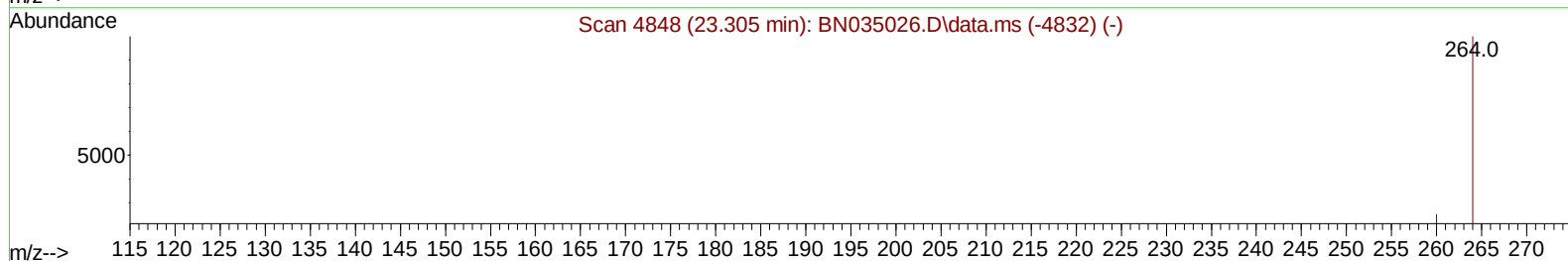
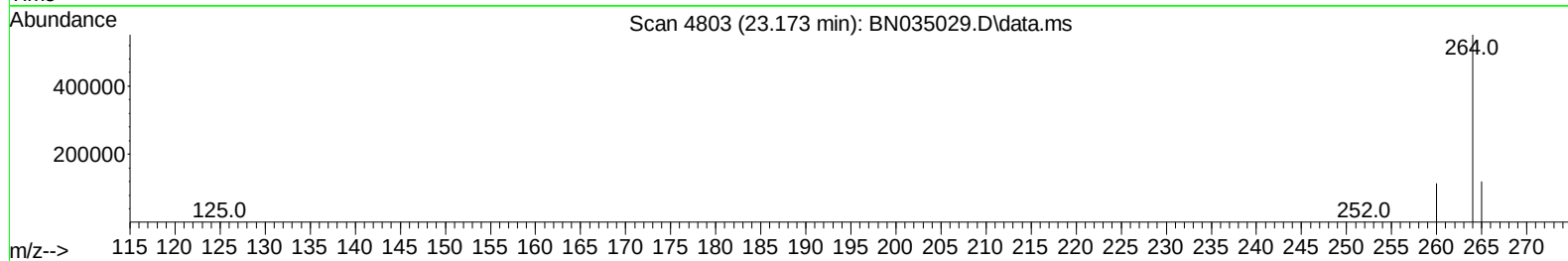
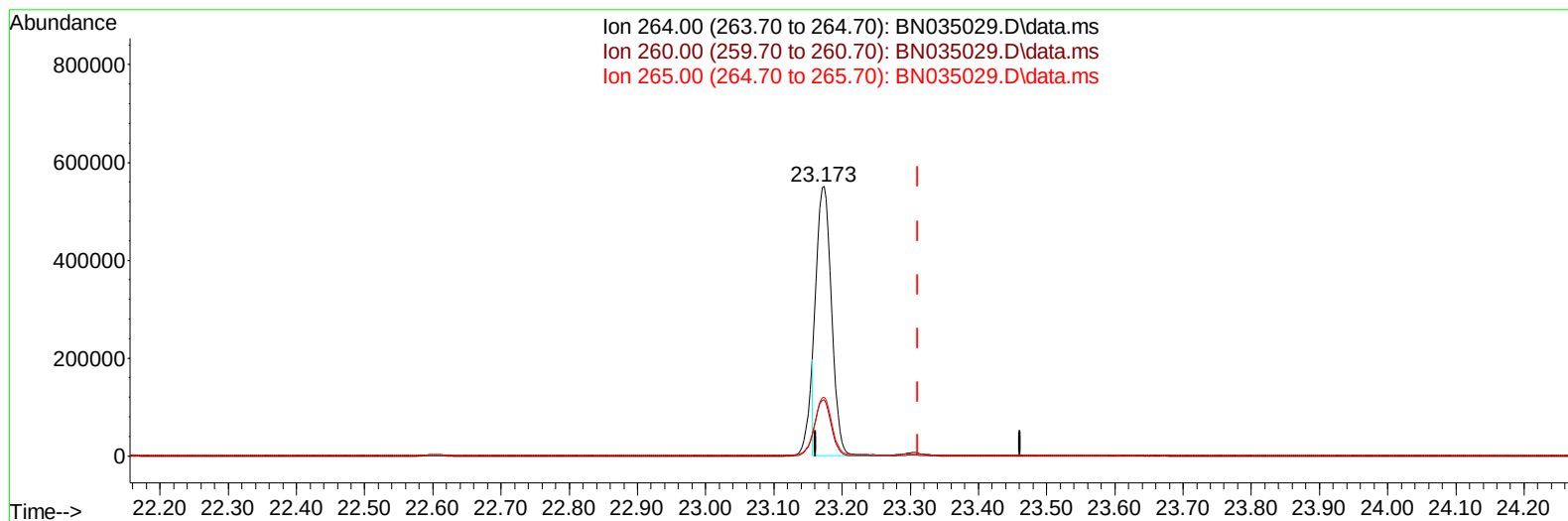
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111124\  
Data File : BN035029.D  
Acq On : 12 Nov 2024 10:26  
Operator : RC/JU  
Sample : P4714-10  
Misc :  
ALS Vial : 47 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AH0

Manual IntegrationsAPPROVED

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TIC: BN035029.D\data.ms

(23) Perylene-d12 (I)

23.173min (-0.137) 0.40 ng/u1

response 854636

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.40  | 20.89# |
| 265.00 | 52.80  | 21.80# |
| 0.00   | 0.00   | 0.00   |

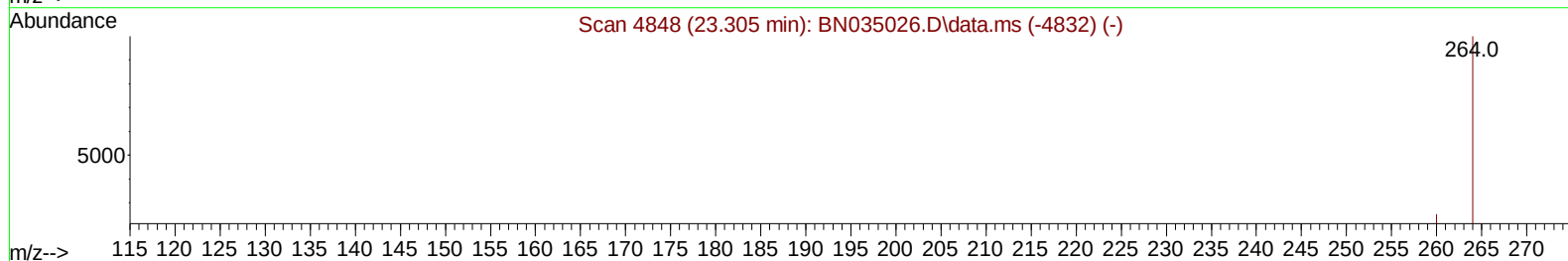
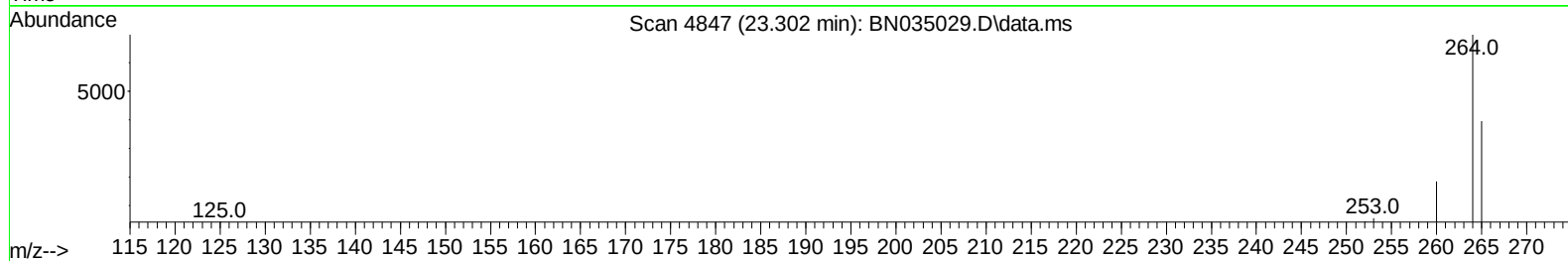
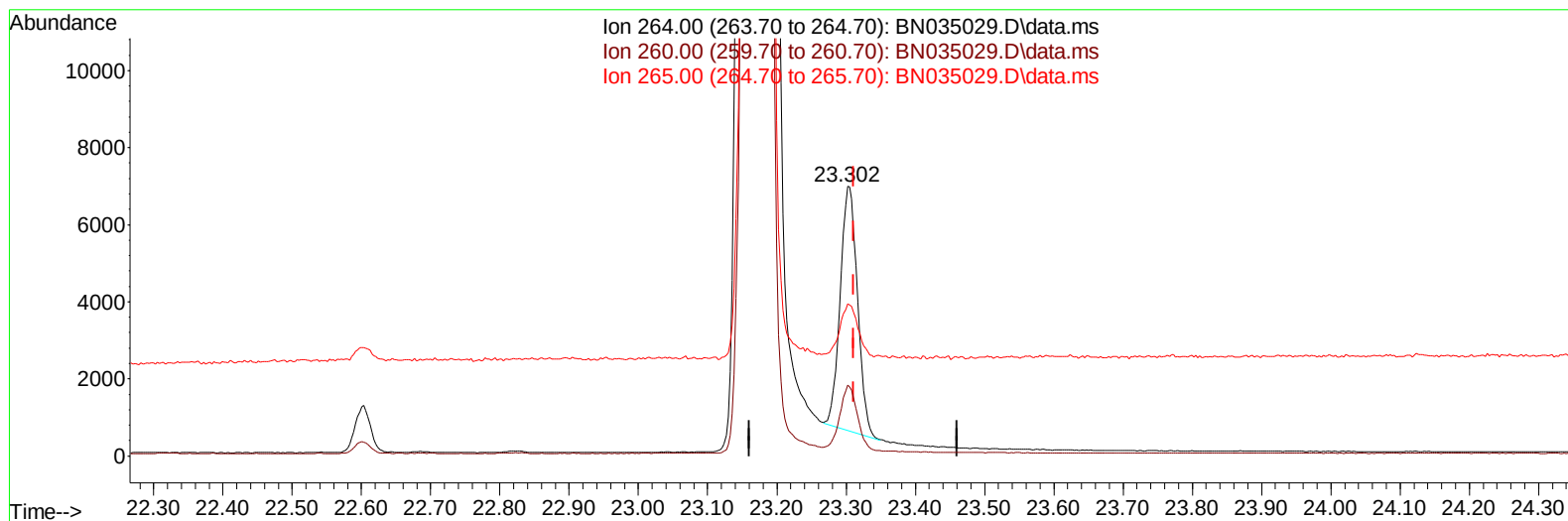
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111124\  
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Operator : RC/JU  
Sample : P4714-10  
Misc :  
ALS Vial : 47 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
COAH0

Manual IntegrationsAPPROVED

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TIC: BN035029.D\data.ms

(23) Perylene-d12 (I)

23.302min (-0.009) 0.40 ng/ul m

response 10886

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.40  | 26.27  |
| 265.00 | 52.80  | 56.49  |
| 0.00   | 0.00   | 0.00   |

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 Data File : BN035029.D  
 Acq On : 12 Nov 2024 10:26  
 Operator : RC/JU  
 Sample : P4714-10  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 COAH0

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/13/2024  
 Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 12 12:13:42 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN110924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Nov 09 00:09:12 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.562  | 152  | 3177     | 0.400  | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.322 | 136  | 7769     | 0.400  | ng/ul  | -0.02    |
| 9) Acenaphthene-d10         | 14.199 | 164  | 5234     | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.945 | 188  | 11728m   | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.139 | 240  | 10570    | 0.400  | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.302 | 264  | 10886m   | 0.400  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.149  | 96   | 12495    | 4.133  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.923 | 152  | 3191     | 0.268  | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 18.977 | 212  | 11257    | 0.415  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| Target Compounds            |        |      |          | Qvalue |        |          |
| 5) Naphthalene              | 10.372 | 128  | 652      | 0.034  | ng/ul# | 78       |
| 15) Phenanthrene            | 16.987 | 178  | 904      | 0.029  | ng/ul# | 82       |
| 19) Fluoranthene            | 19.009 | 202  | 1832     | 0.052  | ng/ul# | 85       |
| -----                       |        |      |          |        |        |          |

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

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