

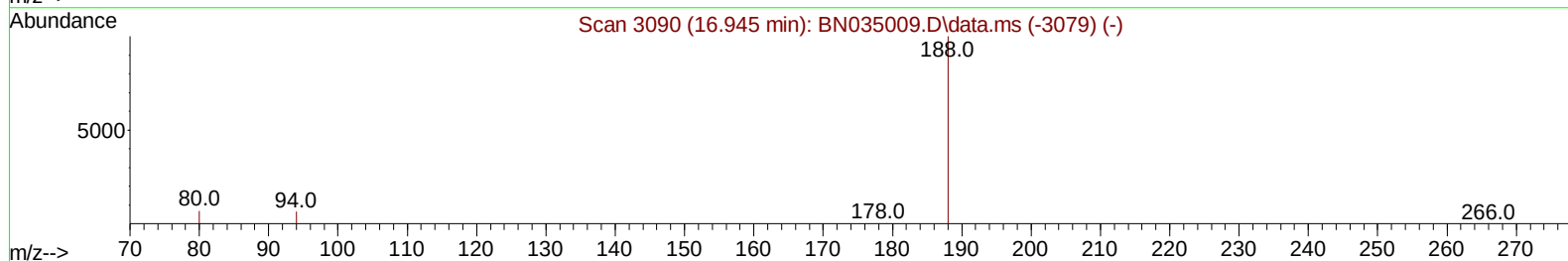
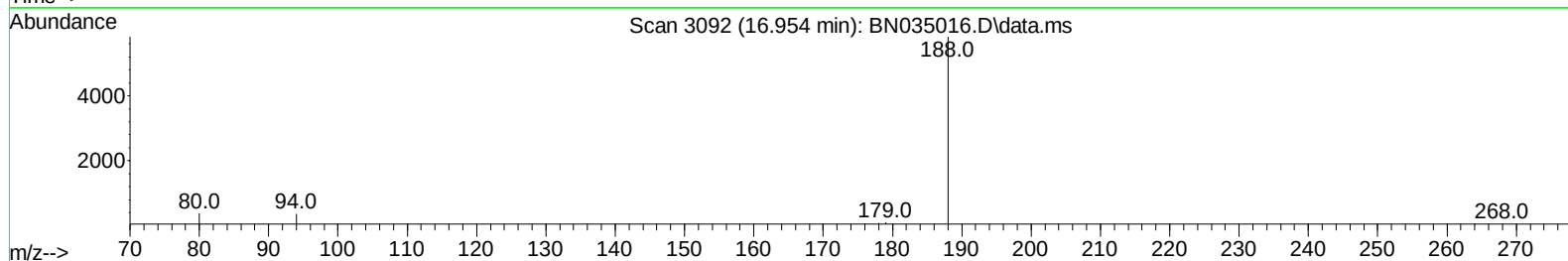
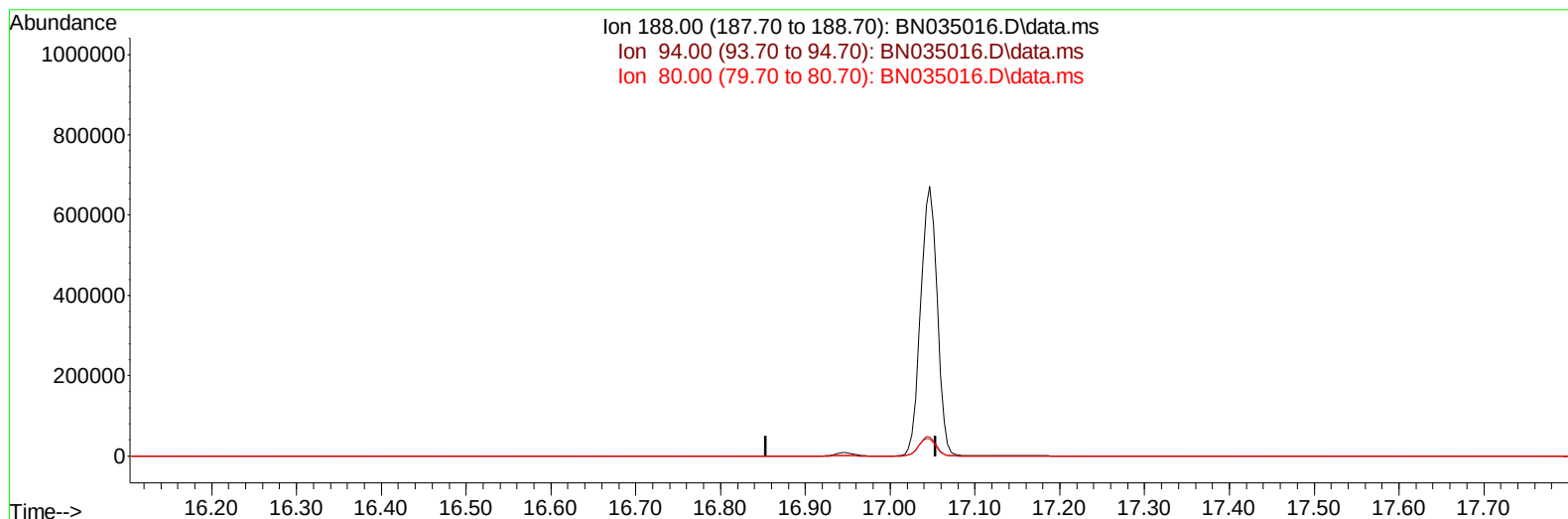
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111124\  
Data File : BN035016.D  
Acq On : 11 Nov 2024 21:50  
Operator : RC/JU  
Sample : P4717-09  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AF2

Manual IntegrationsAPPROVED

Quant Time: Nov 11 22:22:47 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 11/12/2024  
Supervised By :mohammad ahmed 11/14/2024



TIC: BN035016.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  |

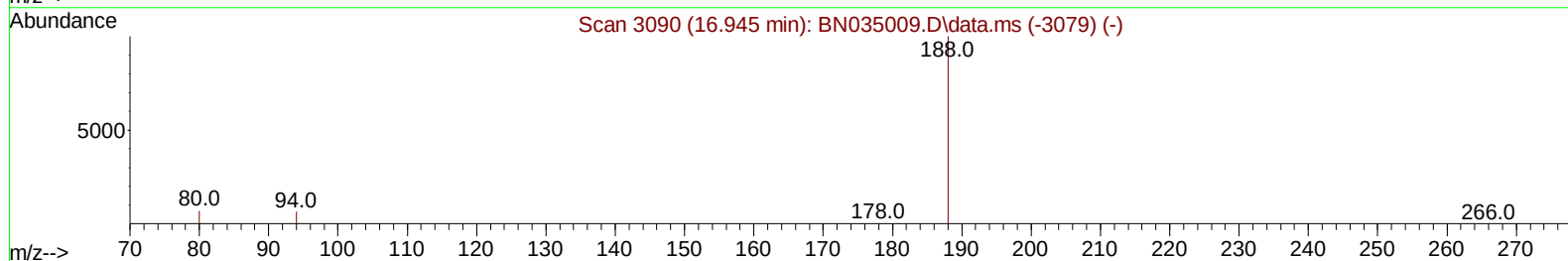
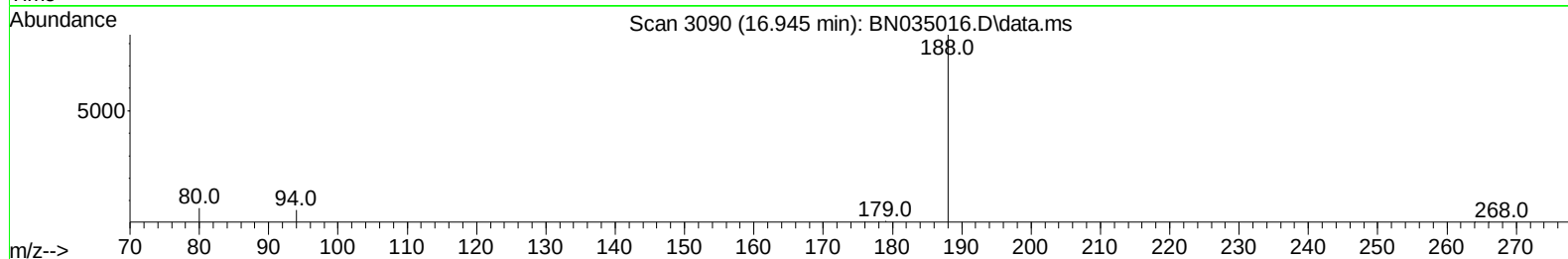
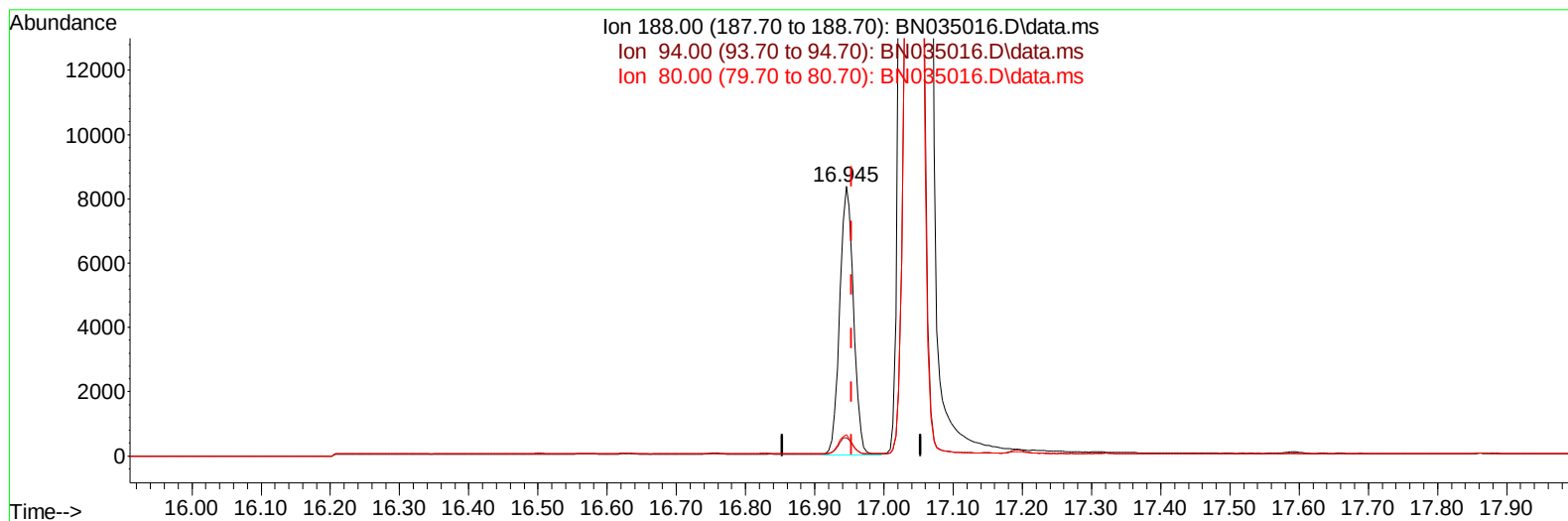
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**(13) Phenanthrene-d10 (I)**

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

**response 11477**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 6.10   | 6.81   |
| 80.00  | 7.00   | 7.88   |
| 0.00   | 0.00   | 0.00   |

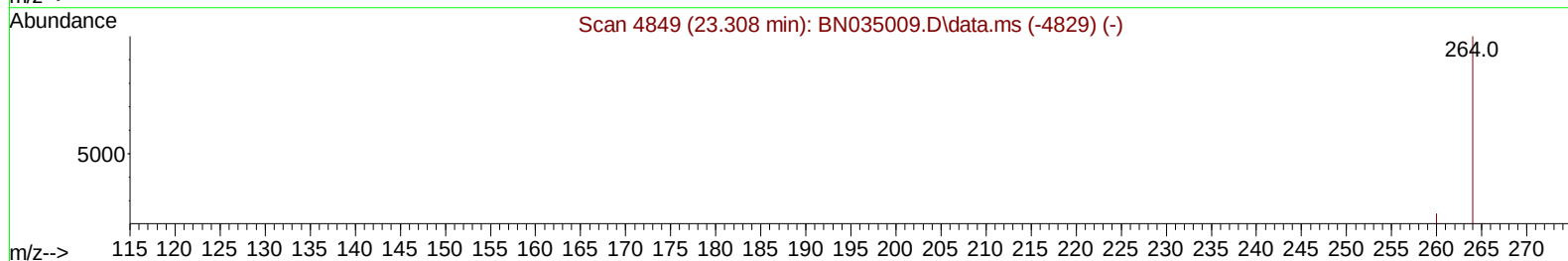
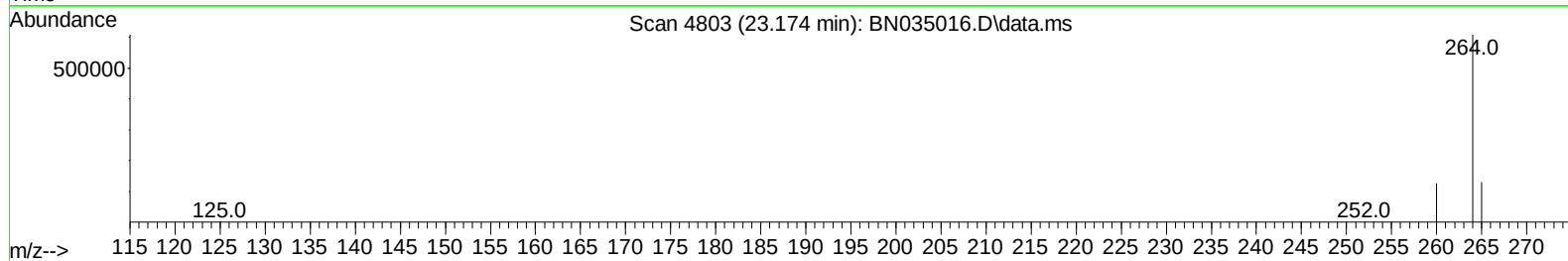
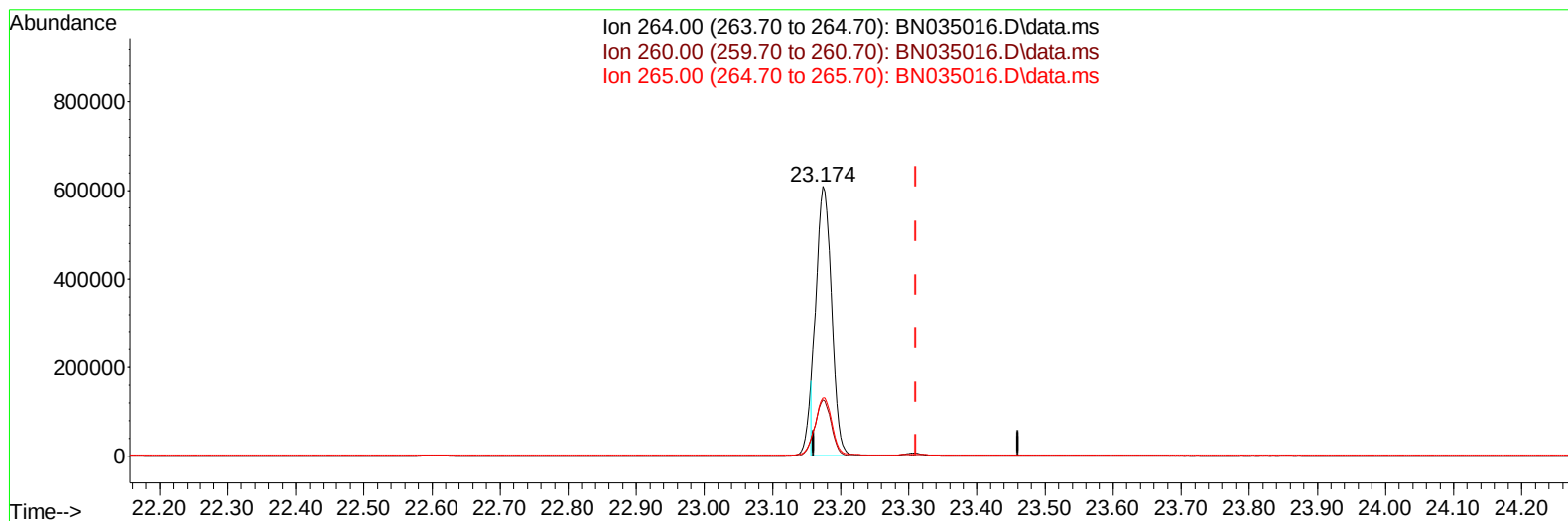
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111124\  
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Sample : P4717-09  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_N  
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## (23) Perylene-d12 (I)

23.174min (-0.137) 0.40 ng/u1

response 946478

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.40  | 20.89# |
| 265.00 | 52.80  | 21.54# |
| 0.00   | 0.00   | 0.00   |

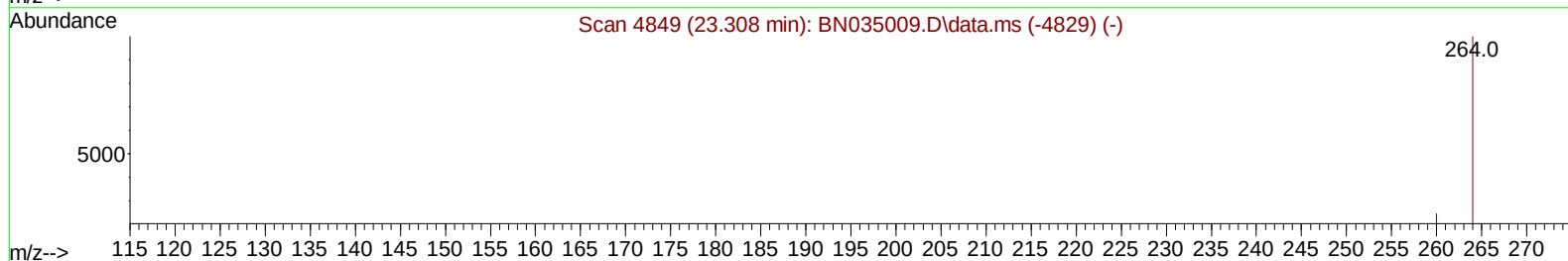
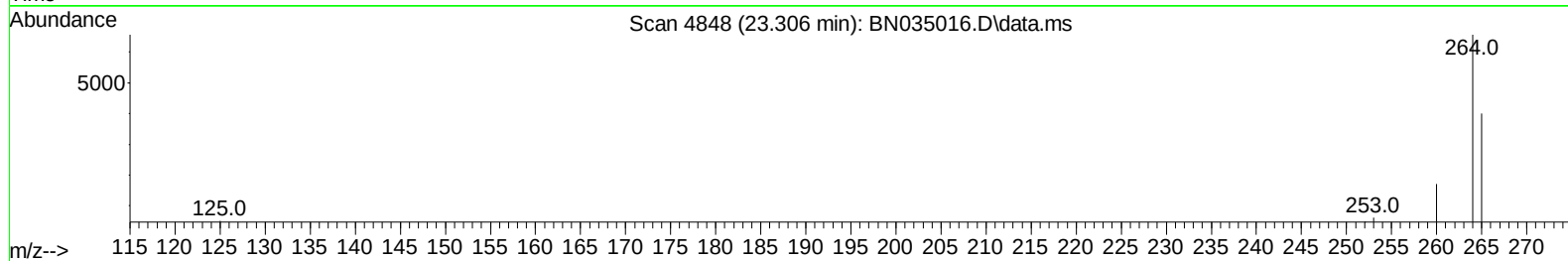
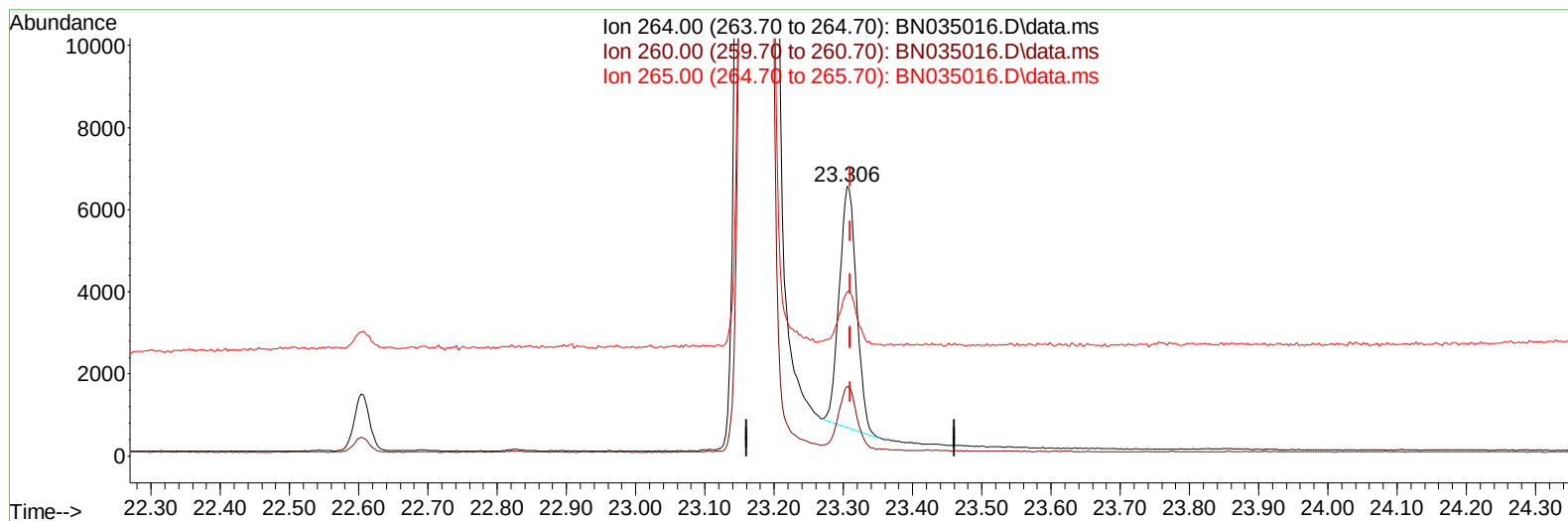
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Operator : RC/JU  
Sample : P4717-09  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0AF2

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/12/2024  
Supervised By :mohammad ahmed 11/14/2024

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## (23) Perylene-d12 (I)

23.306min (-0.005) 0.40 ng/ul m

response 10144

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.40  | 25.91  |
| 265.00 | 52.80  | 60.98  |
| 0.00   | 0.00   | 0.00   |

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 Operator : RC/JU  
 Sample : P4717-09  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0AF2

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/12/2024  
 Supervised By :mohammad ahmed 11/14/2024

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 QLast Update : Sat Nov 09 00:09:12 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.562  | 152 |     | 3240     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.328 | 136 |     | 8459     | 0.400 | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.199 | 164 |     | 5640     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.945 | 188 |     | 11477m   | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.140 | 240 |     | 9978     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.306 | 264 |     | 10144m   | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.149  | 96  |     | 12284    | 3.984 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.923 | 152 |     | 4546     | 0.351 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 18.977 | 212 |     | 12785    | 0.499 | ng/ul  | 0.00     |
| Target Compounds            |        |     |     |          |       |        |          |
|                             |        |     |     |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.183  | 88  |     | 4292     | 1.270 | ng/ul# | 93       |
| -----                       |        |     |     |          |       |        |          |

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

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