

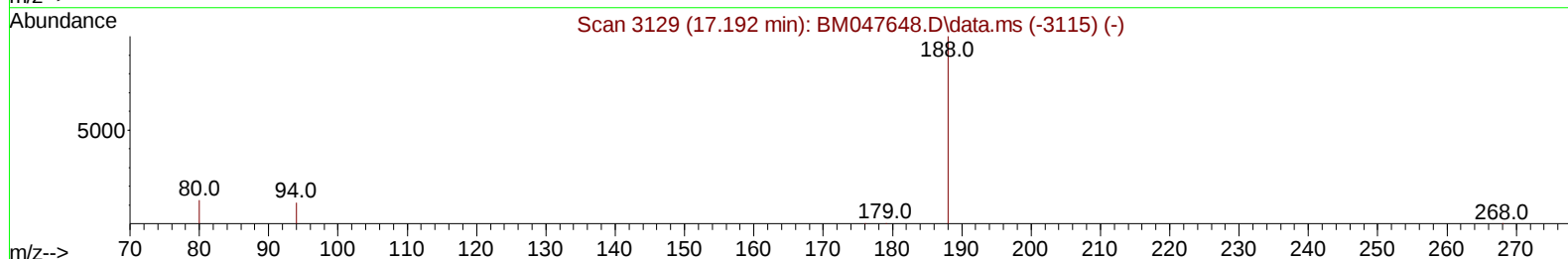
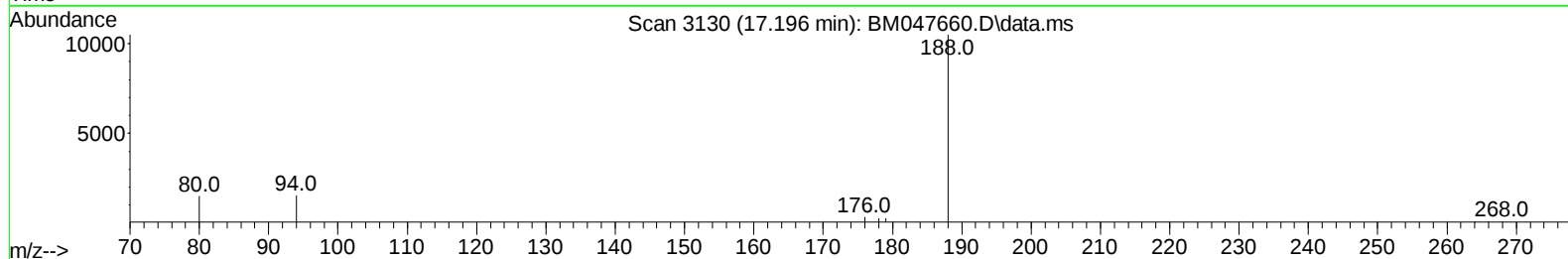
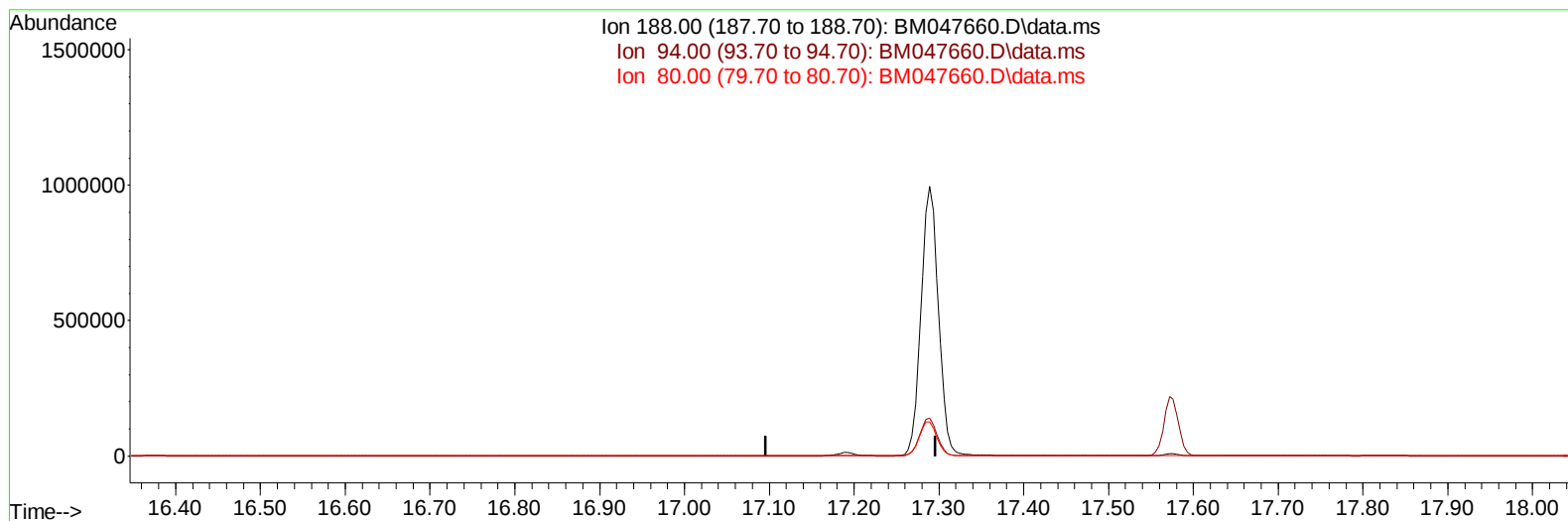
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092624\  
Data File : BM047660.D  
Acq On : 27 Sep 2024 01:14  
Operator : RC/JU  
Sample : P4187-12  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EY078

Manual IntegrationsAPPROVED

Quant Time: Sep 27 02:05:59 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM092524.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 25 16:27:08 2024  
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 09/27/2024  
Supervised By :mohammad ahmed 09/28/2024



TIC: BM047660.D\data.ms

(13) Phenanthrene-d10 (I)

17.196min (-17.196) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 188.00 | 100.00 | 0.00  |
| 94.00  | 12.20  | 0.00# |
| 80.00  | 13.00  | 0.00# |
| 0.00   | 0.00   | 0.00  |

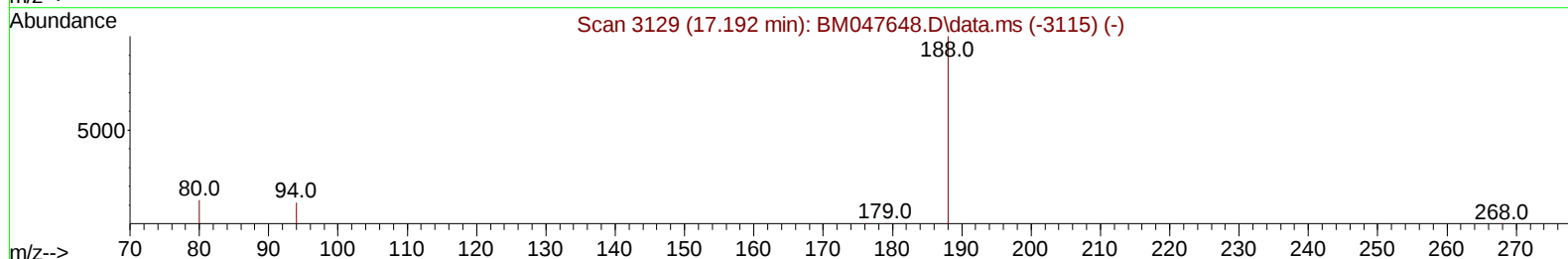
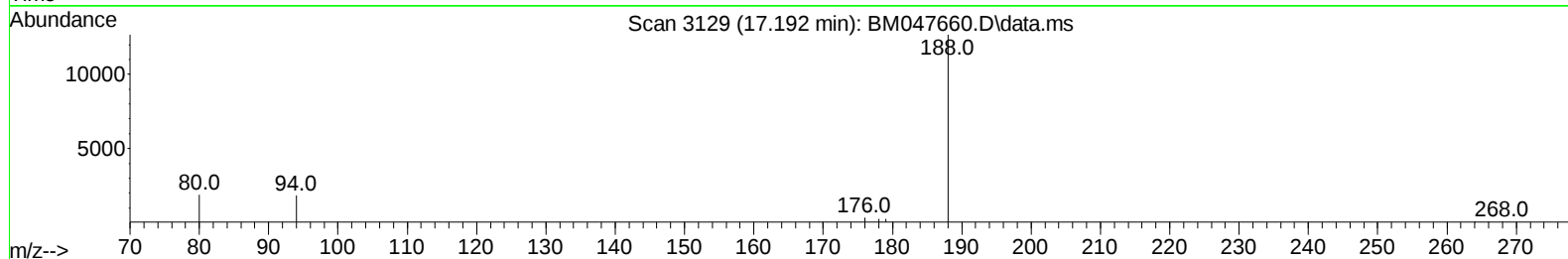
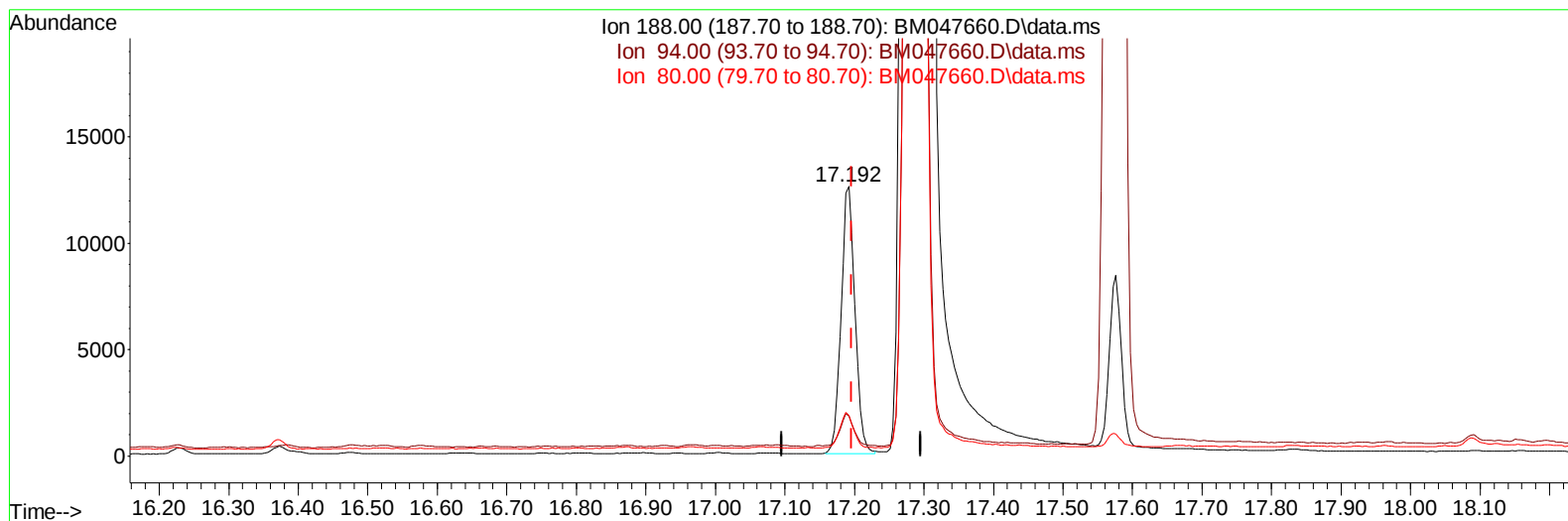
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(13) Phenanthrene-d10 (I)

17.192min (-0.004) 0.40 ng/u1 m

response 17443

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 12.20  | 14.67# |
| 80.00  | 13.00  | 15.00  |
| 0.00   | 0.00   | 0.00   |

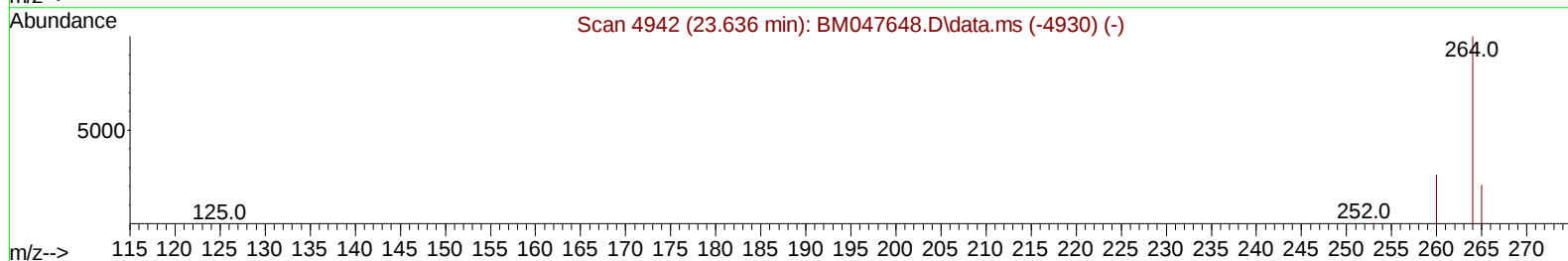
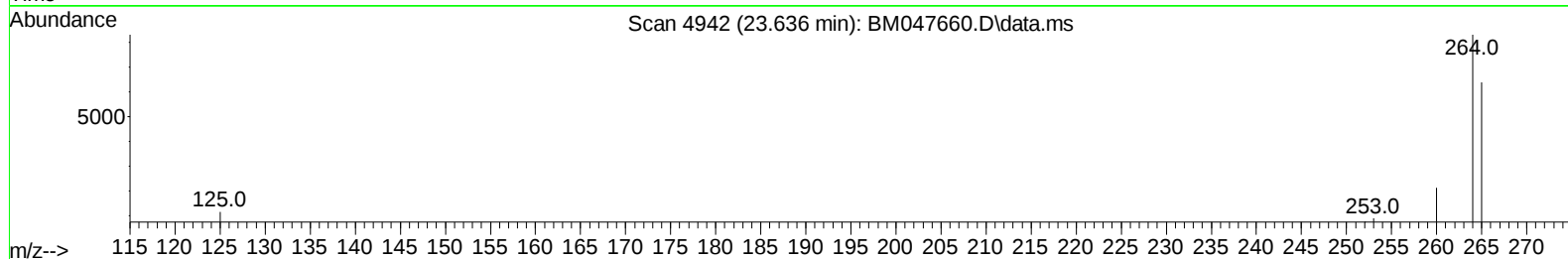
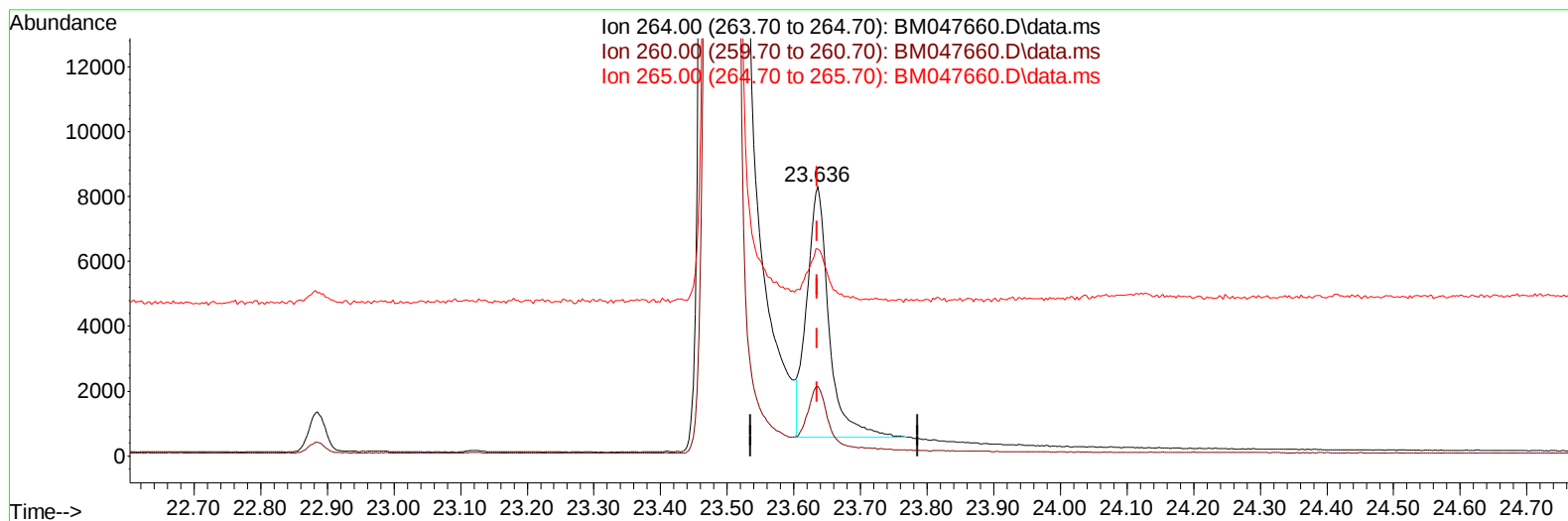
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092624\  
Data File : BM047660.D  
Acq On : 27 Sep 2024 01:14  
Operator : RC/JU  
Sample : P4187-12  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EY078

Manual IntegrationsAPPROVED

Quant Time: Sep 27 02:05:59 2024  
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TIC: BM047660.D\data.ms

(23) Perylene-d12 (I)

23.636min (+ 0.000) 0.40 ng/u1

response 18000

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.80  | 25.74  |
| 265.00 | 85.70  | 76.84  |
| 0.00   | 0.00   | 0.00   |

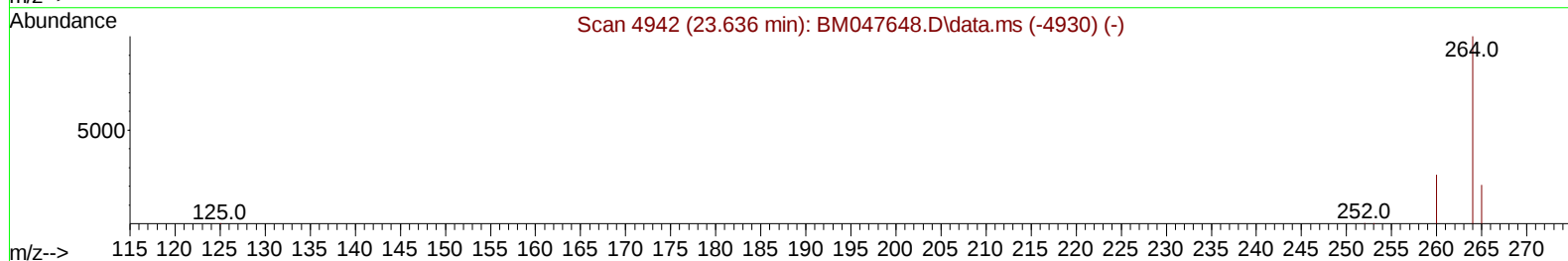
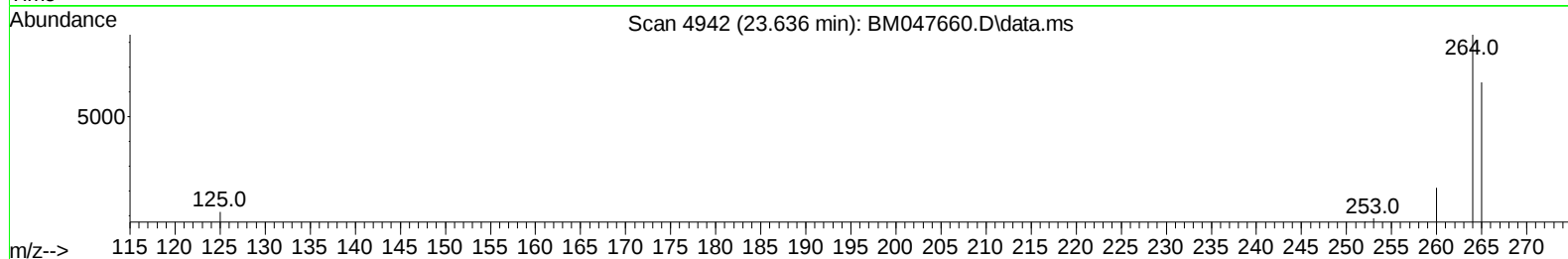
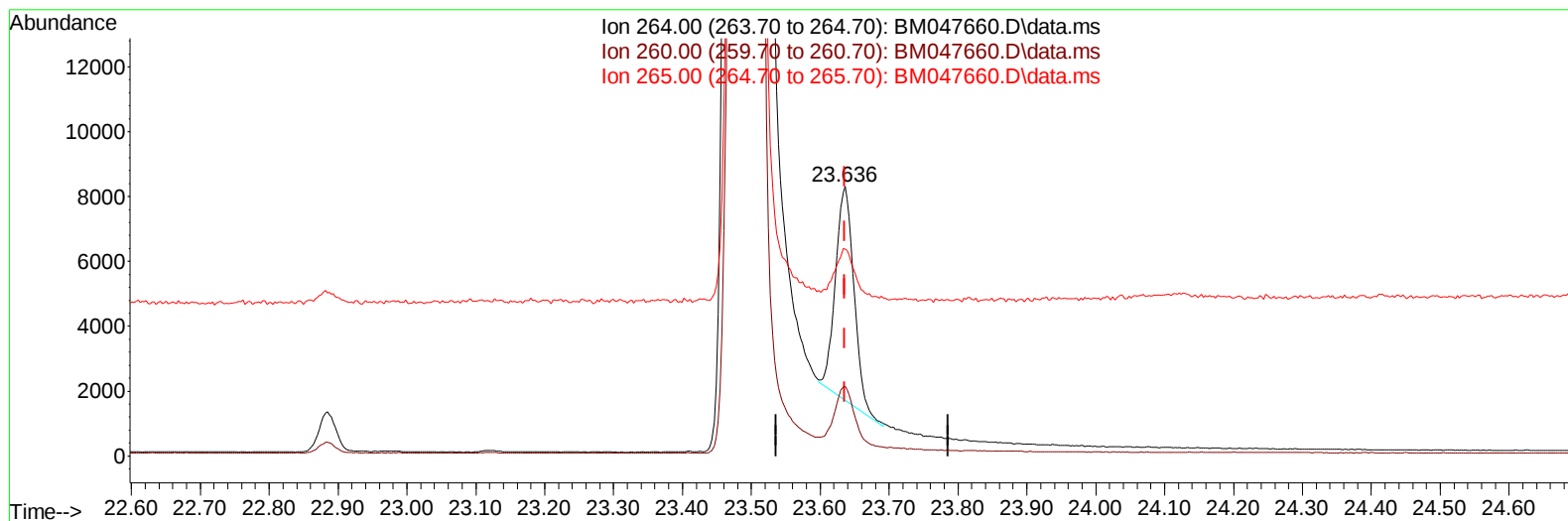
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092624\  
Data File : BM047660.D  
Acq On : 27 Sep 2024 01:14  
Operator : RC/JU  
Sample : P4187-12  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EY078

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/27/2024  
Supervised By :mohammad ahmed 09/28/2024

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TIC: BM047660.D\data.ms

## (23) Perylene-d12 (I)

23.636min (+ 0.000) 0.40 ng/ul m

response 12134

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.80  | 25.74  |
| 265.00 | 85.70  | 76.84  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092624\  
 Data File : BM047660.D  
 Acq On : 27 Sep 2024 01:14  
 Operator : RC/JU  
 Sample : P4187-12  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EY078

## Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/27/2024  
 Supervised By :mohammad ahmed 09/28/2024

Quant Time: Sep 27 02:05:59 2024  
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 QLast Update : Wed Sep 25 16:27:08 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|---------|----------|
| -----                       |        |     |     |          |       |         |          |
| Internal Standards          |        |     |     |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.826  | 152 |     | 4886     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.618 | 136 |     | 15266    | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.456 | 164 |     | 9889     | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 17.192 | 188 |     | 17443m   | 0.400 | ng/ul   | 0.00     |
| 17) Chrysene-d12            | 21.356 | 240 |     | 13273    | 0.400 | ng/ul   | 0.00     |
| 23) Perylene-d12            | 23.636 | 264 |     | 12134m   | 0.400 | ng/ul   | 0.00     |
|                             |        |     |     |          |       |         |          |
| System Monitoring Compounds |        |     |     |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.269  | 96  |     | 30877    | 4.919 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.207 | 152 |     | 7888     | 0.387 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 19.211 | 212 |     | 17697    | 0.435 | ng/ul   | 0.00     |
|                             |        |     |     |          |       |         |          |
| Target Compounds            |        |     |     |          |       |         | Qvalue   |
| 2) 1,4-Dioxane              | 3.307  | 88  |     | 837      | 0.111 | ng/ul#  | 36       |
| -----                       |        |     |     |          |       |         |          |

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

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