

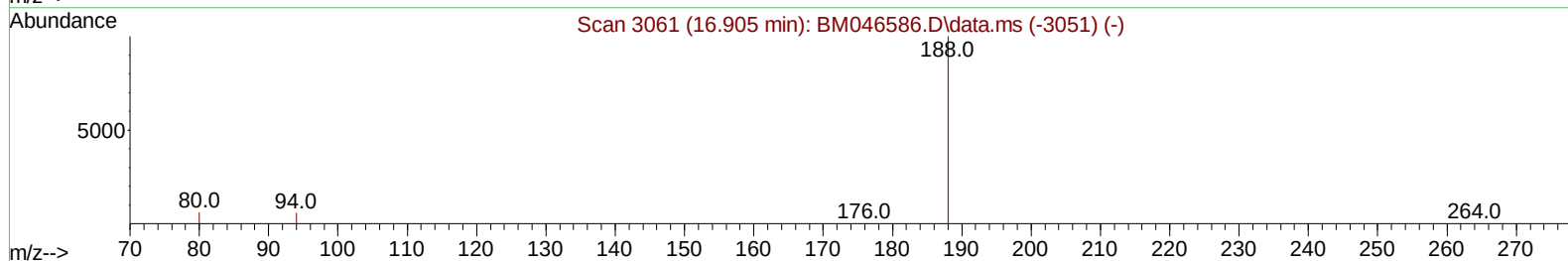
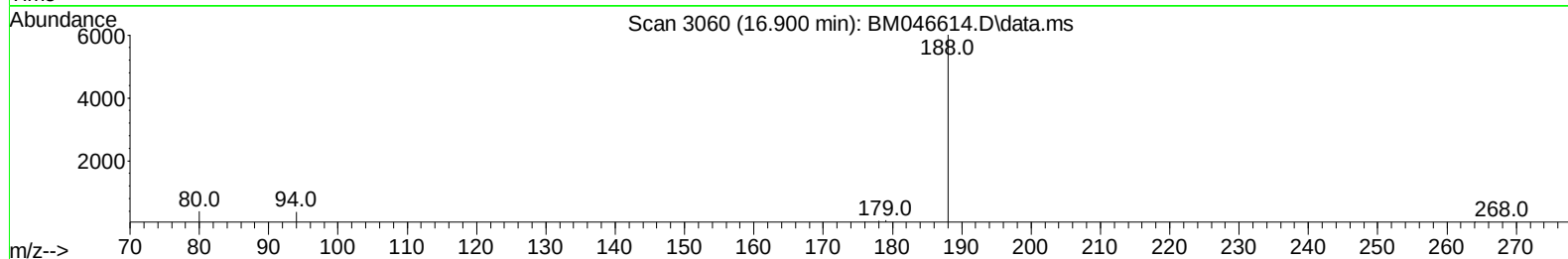
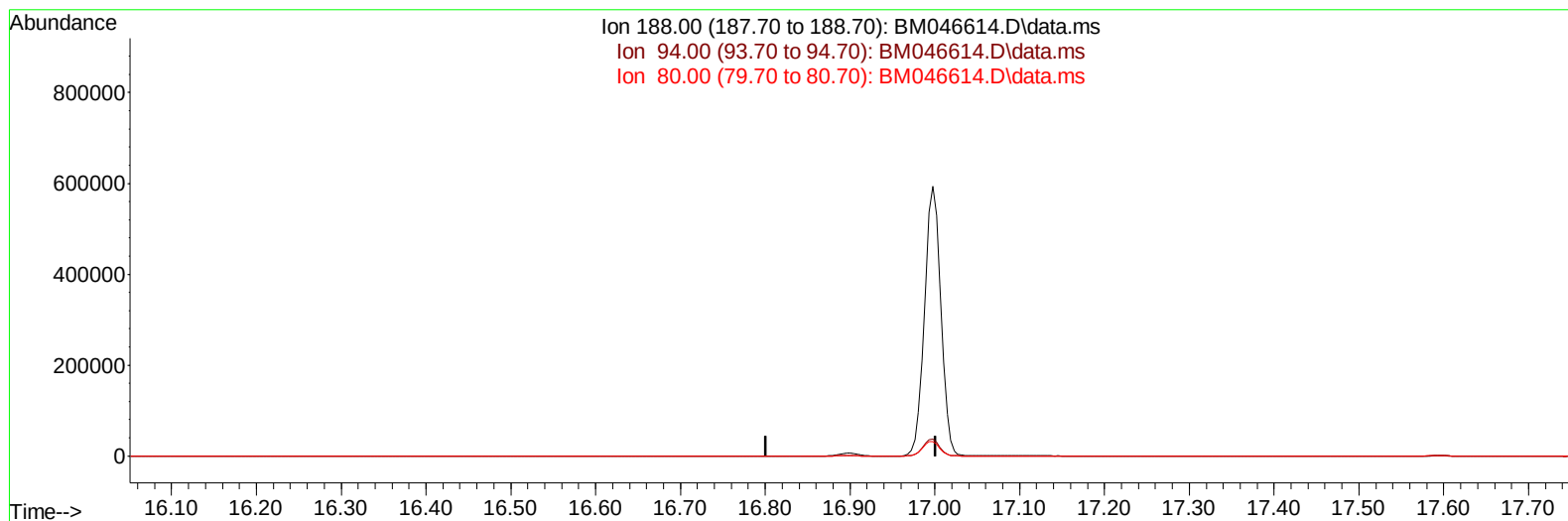
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071524\  
Data File : BM046614.D  
Acq On : 16 Jul 2024 02:13  
Operator : MA/JU  
Sample : P3084-03  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
E1GE2

Manual IntegrationsAPPROVED

Quant Time: Jul 16 03:04:22 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM071024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jul 15 08:57:27 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/16/2024  
Supervised By :mohammad ahmed 07/18/2024



TIC: BM046614.D\data.ms

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

**16.901min (-16.901) 0.00 ng/u1**

**response 0**

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 188.00 | 100.00 | 0.00  |
| 94.00  | 6.40   | 0.00# |
| 80.00  | 6.60   | 0.00# |
| 0.00   | 0.00   | 0.00  |

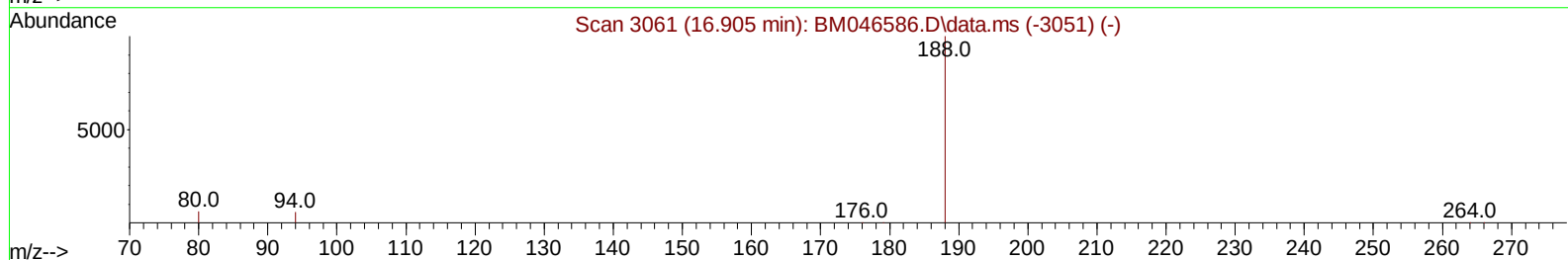
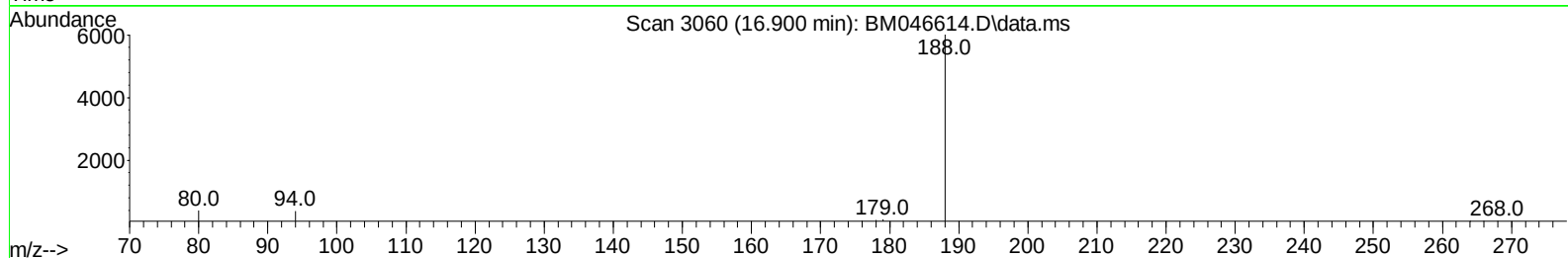
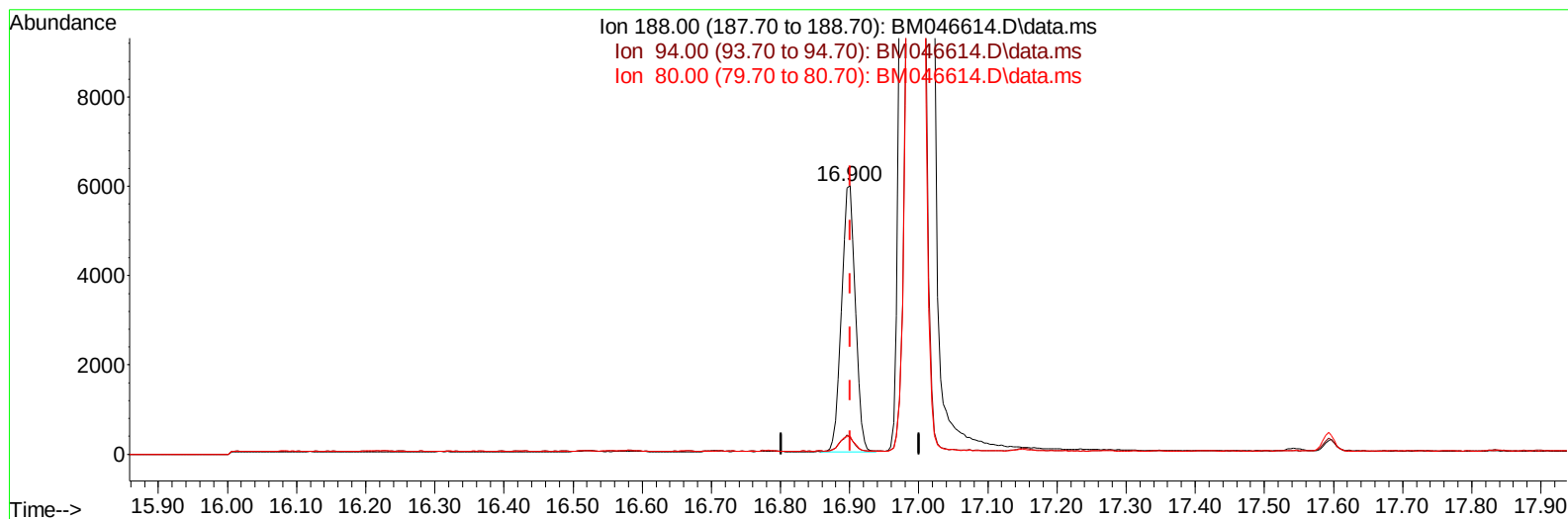
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Manual IntegrationsAPPROVED

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TIC: BM046614.D\data.ms

(13) Phenanthrene-d10 (I)

16.900min (-0.001) 0.40 ng/ul m

response 8320

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 188.00 | 100.00 | 100.00 |
| 94.00  | 6.40   | 6.37   |
| 80.00  | 6.60   | 6.67   |
| 0.00   | 0.00   | 0.00   |

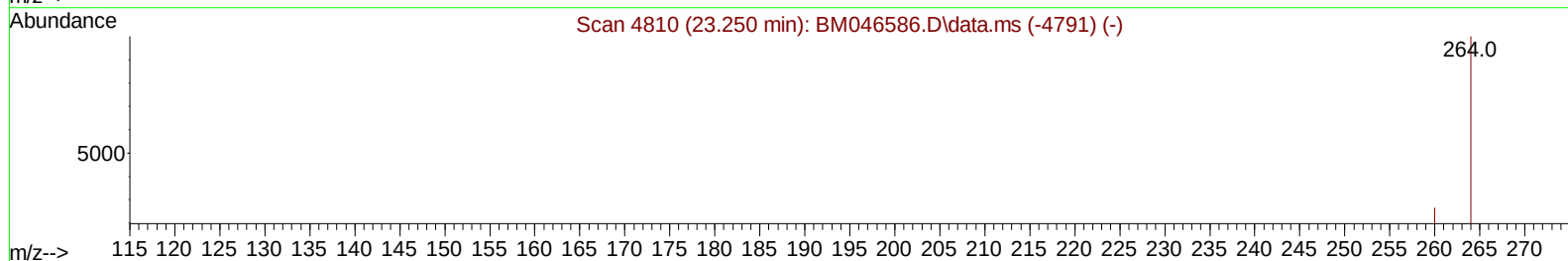
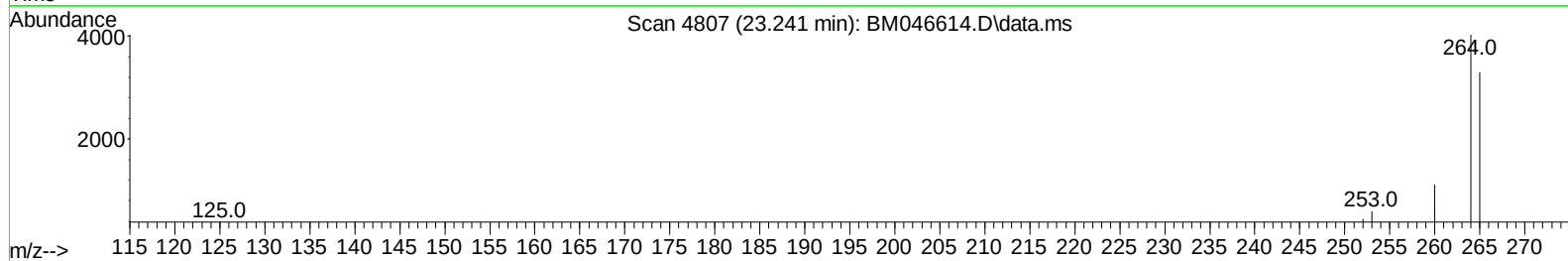
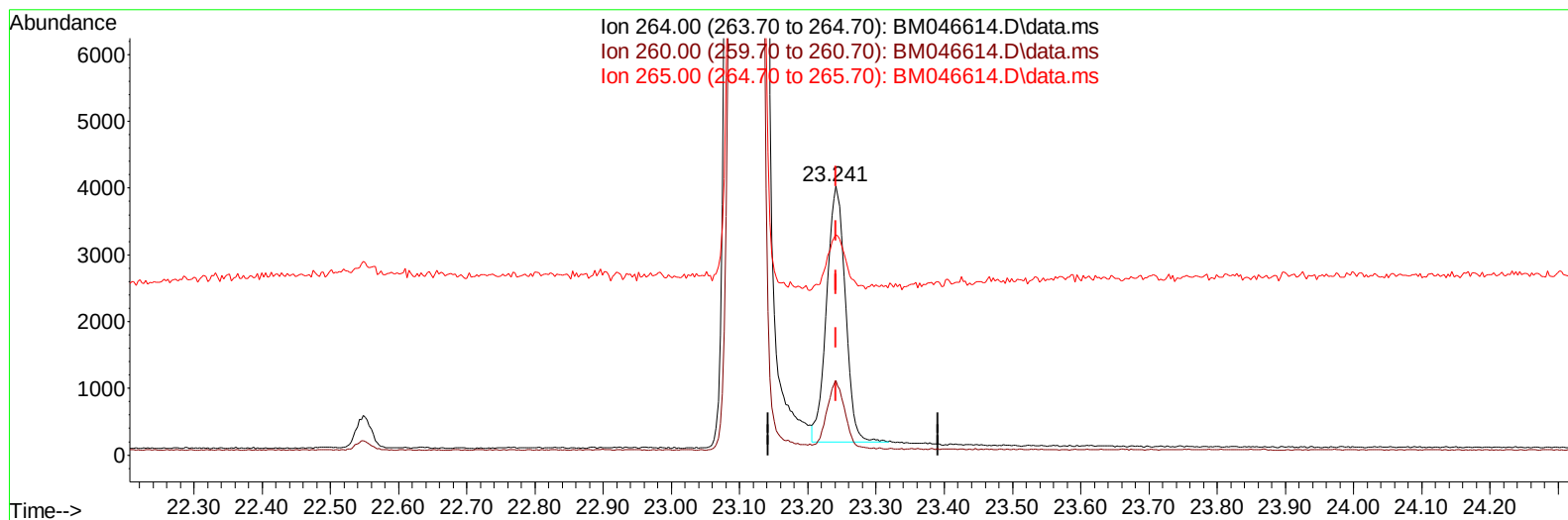
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Data File : BM046614.D  
Acq On : 16 Jul 2024 02:13  
Operator : MA/JU  
Sample : P3084-03  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
E1GE2

Manual IntegrationsAPPROVED

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TIC: BM046614.D\data.ms

(23) Perylene-d12 (I)

23.241min (-0.001) 0.40 ng/u1

response 7292

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.80  | 27.72  |
| 265.00 | 88.90  | 81.86  |
| 0.00   | 0.00   | 0.00   |

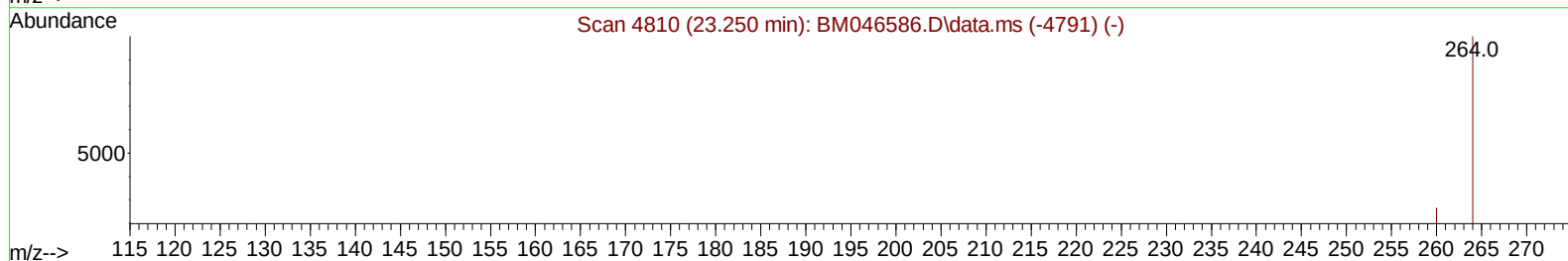
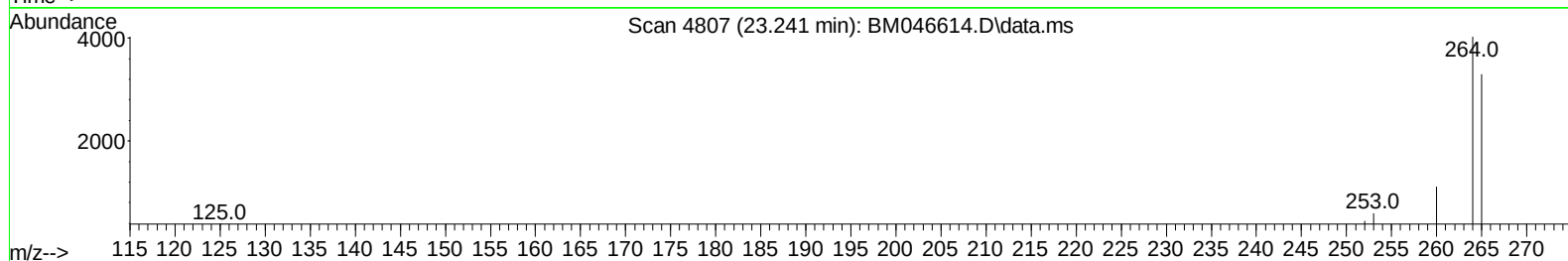
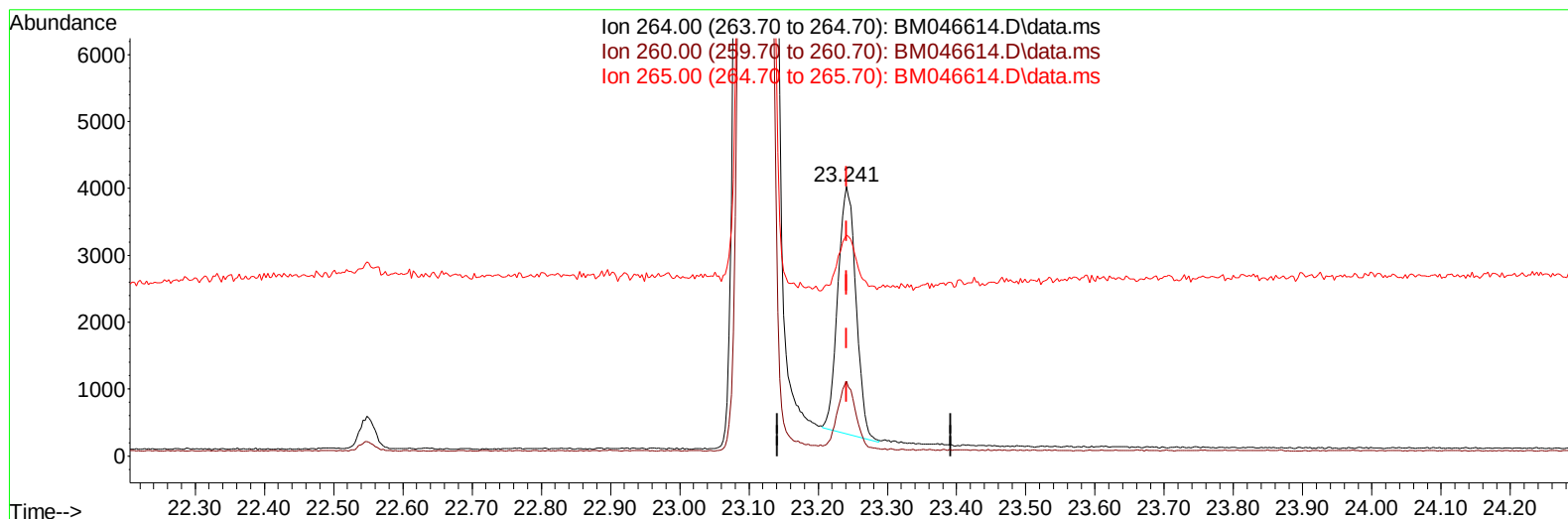
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071524\  
Data File : BM046614.D  
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Operator : MA/JU  
Sample : P3084-03  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
E1GE2

Manual IntegrationsAPPROVED

Quant Time: Jul 16 03:04:22 2024  
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Reviewed By :Yogesh Patel 07/16/2024  
Supervised By :mohammad ahmed 07/18/2024



TIC: BM046614.D\data.ms

(23) Perylene-d12 (I)

23.241min (-0.001) 0.40 ng/ul m

response 6684

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.80  | 27.72  |
| 265.00 | 88.90  | 81.86  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071524\  
 Data File : BM046614.D  
 Acq On : 16 Jul 2024 02:13  
 Operator : MA/JU  
 Sample : P3084-03  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 E1GE2

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/16/2024  
 Supervised By :mohammad ahmed 07/18/2024

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 QLast Update : Mon Jul 15 08:57:27 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | Q   | Ion | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|-----|-----|----------|-------|--------|----------|
| -----                       |        |     |     |          |       |        |          |
| Internal Standards          |        |     |     |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.501  | 152 |     | 2033     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.260 | 136 |     | 5446     | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.146 | 164 |     | 3859     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 16.900 | 188 |     | 8320m    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.102 | 240 |     | 6787     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.241 | 264 |     | 6684m    | 0.400 | ng/ul  | 0.00     |
|                             |        |     |     |          |       |        |          |
| System Monitoring Compounds |        |     |     |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.113  | 96  |     | 7488     | 4.483 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.860 | 152 |     | 3330     | 0.379 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 18.937 | 212 |     | 8555     | 0.414 | ng/ul  | 0.00     |
|                             |        |     |     |          |       |        |          |
| Target Compounds            |        |     |     |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.309 | 128 |     | 2903     | 0.210 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 11.937 | 142 |     | 625      | 0.064 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.163 | 142 |     | 1373     | 0.138 | ng/ul  | 98       |
| 15) Phenanthrene            | 16.938 | 178 |     | 726      | 0.031 | ng/ul# | 76       |
| -----                       |        |     |     |          |       |        |          |

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

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