

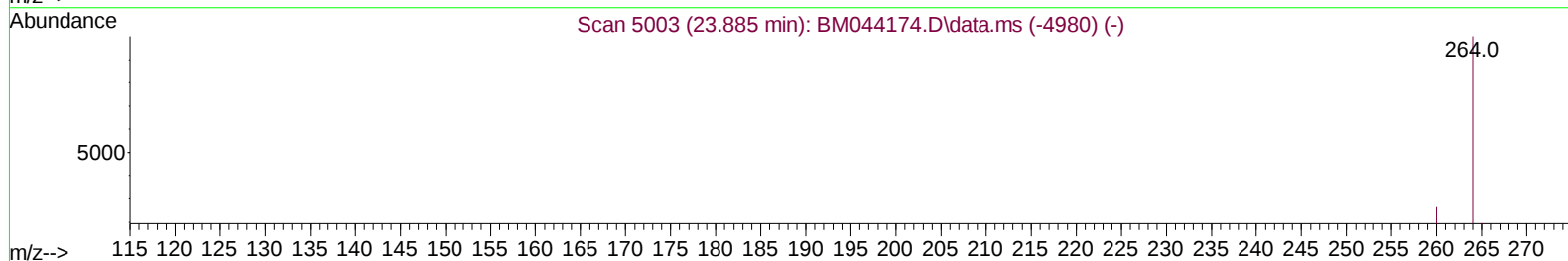
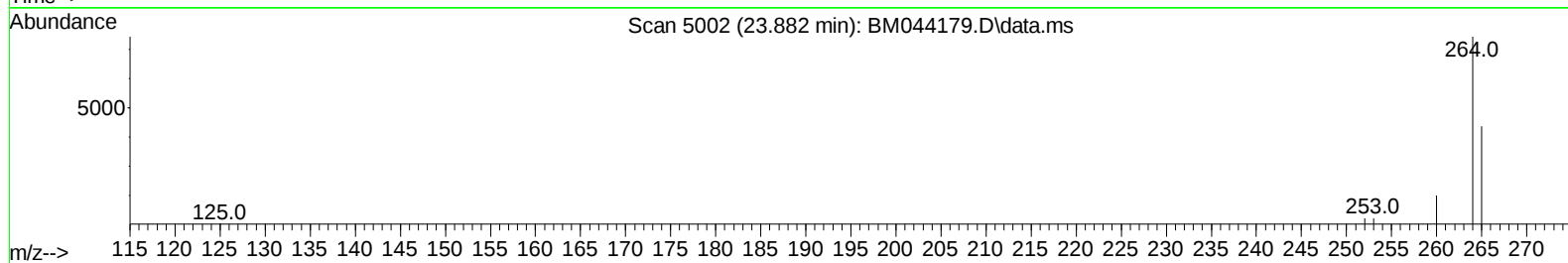
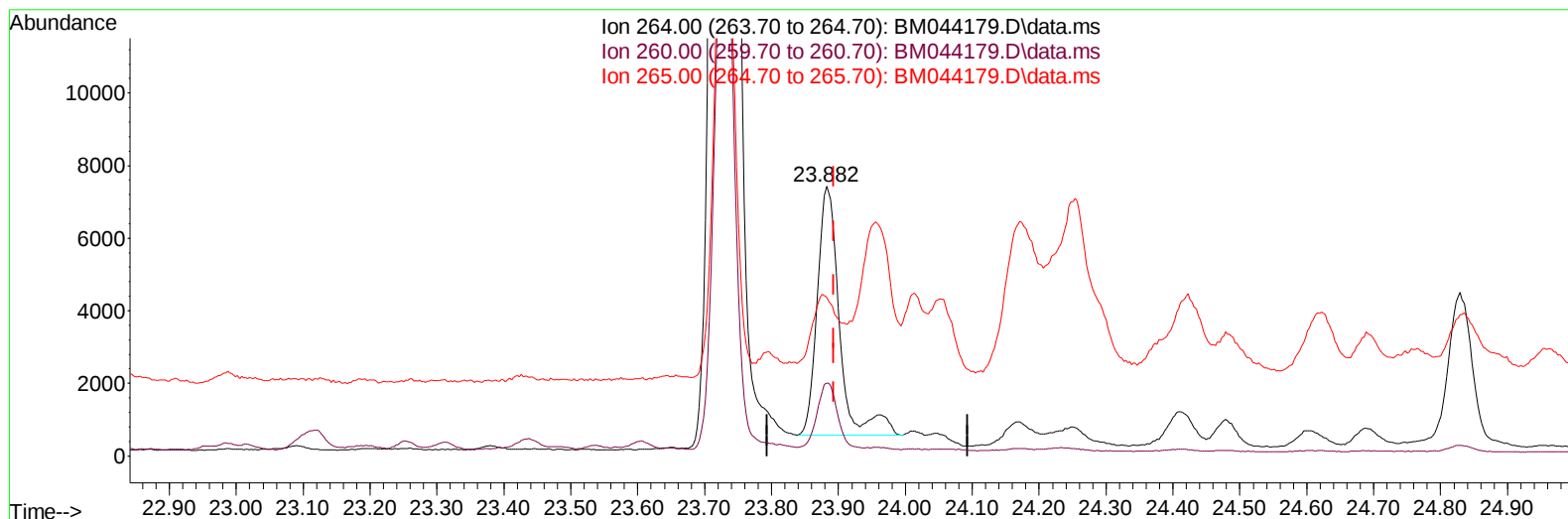
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021924\  
Data File : BM044179.D  
Acq On : 19 Feb 2024 15:54  
Operator : MA/JU  
Sample : P1352-02DL 5X  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0FN3DL

Manual IntegrationsAPPROVED

Quant Time: Feb 19 17:01:55 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM021524.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Feb 15 13:40:24 2024  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 02/20/2024  
Supervised By :mohammad ahmed 02/21/2024



TIC: BM044179.D\data.ms

(23) Perylene-d12 (I)

23.882min (-0.012) 0.40 ng/u1

response 15805

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 27.00  | 27.10  |
| 265.00 | 45.40  | 58.90# |
| 0.00   | 0.00   | 0.00   |

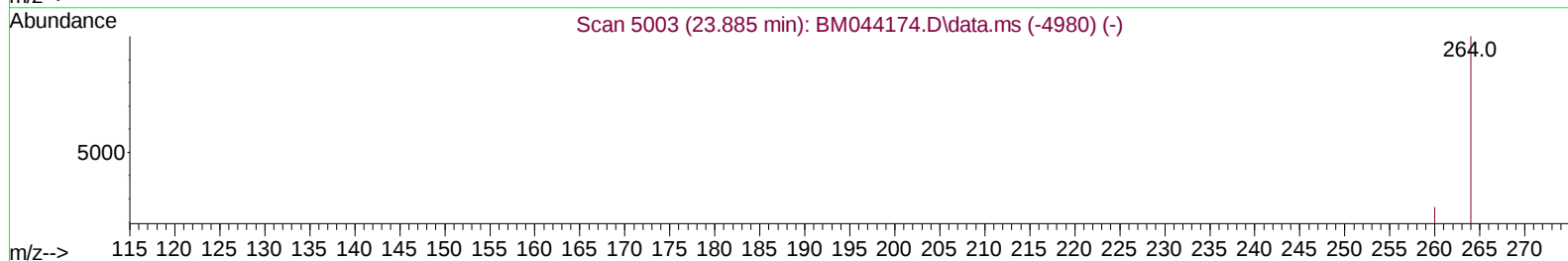
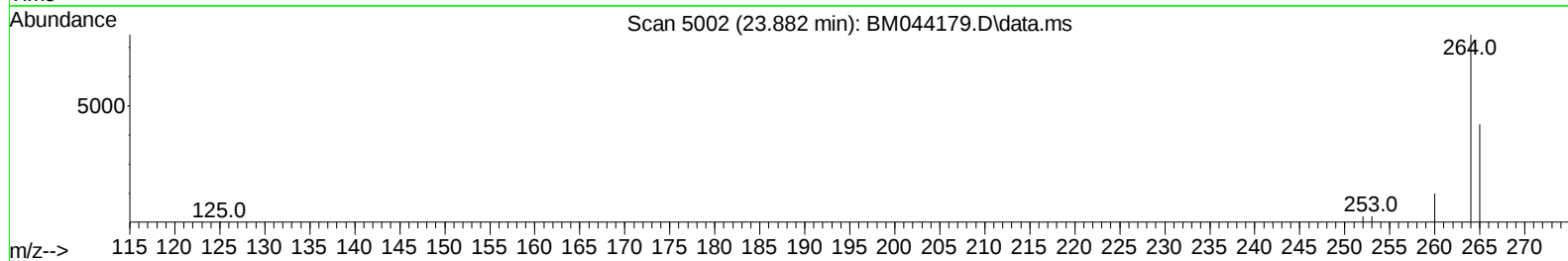
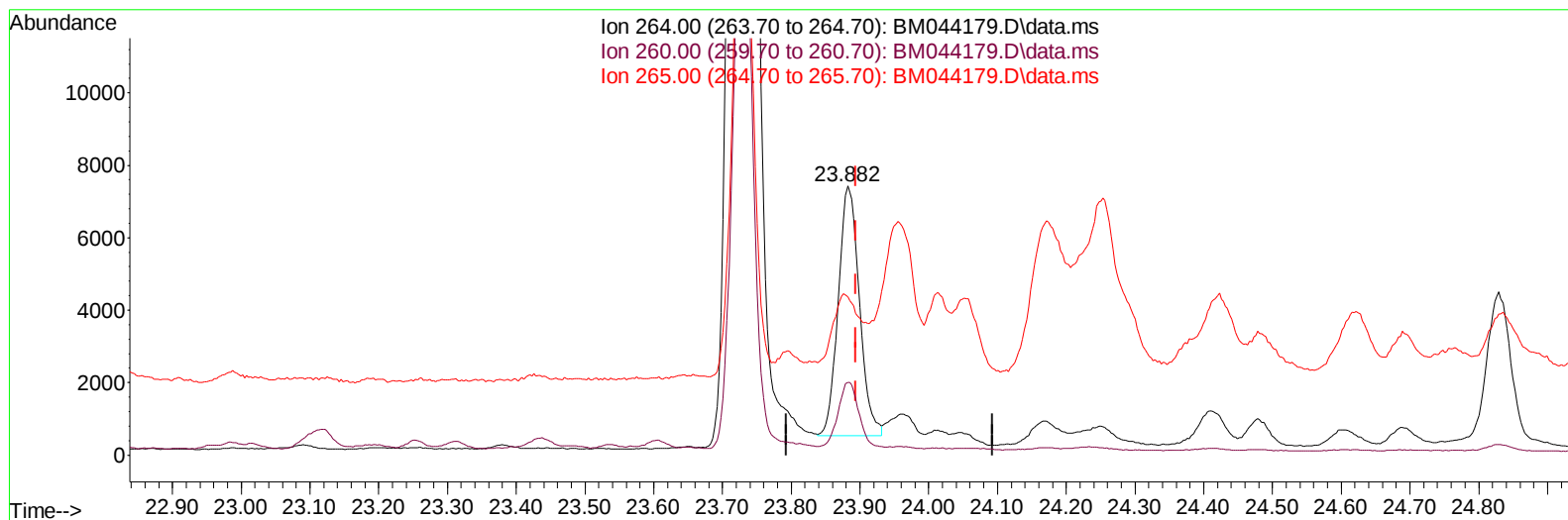
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TIC: BM044179.D\data.ms

(23) Perylene-d12 (I)

23.882min (-0.012) 0.40 ng/ul m

response 14680

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 27.00  | 27.10  |
| 265.00 | 45.40  | 58.90# |
| 0.00   | 0.00   | 0.00   |

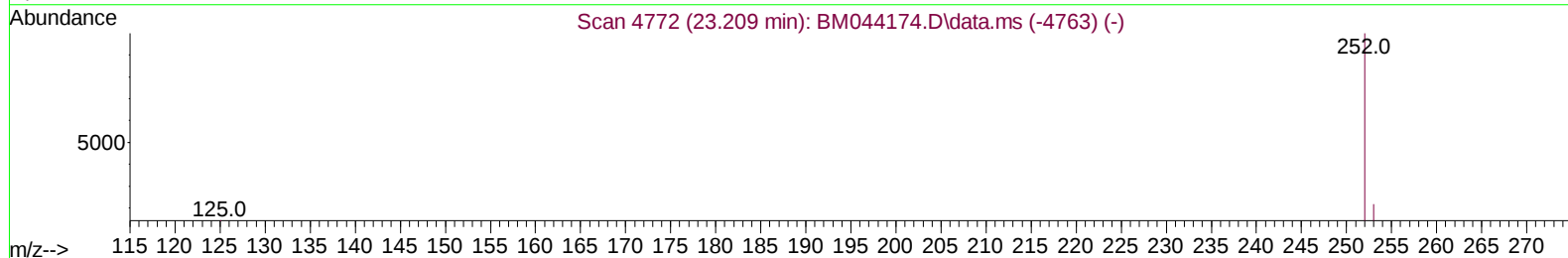
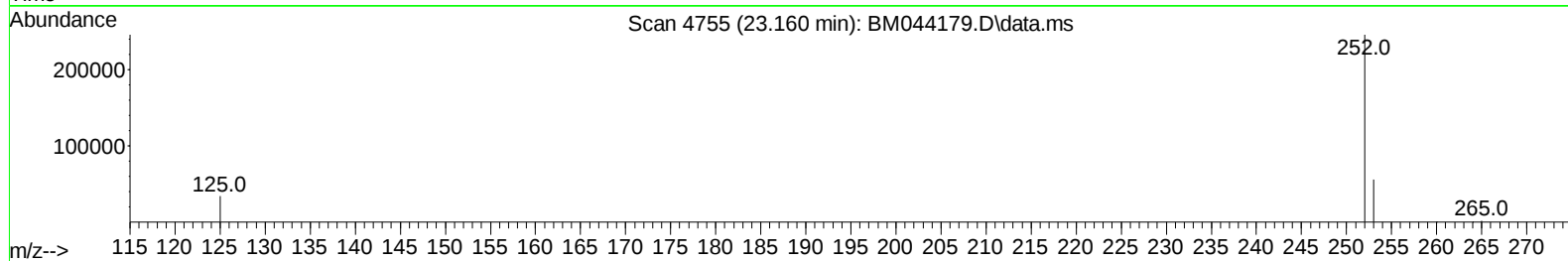
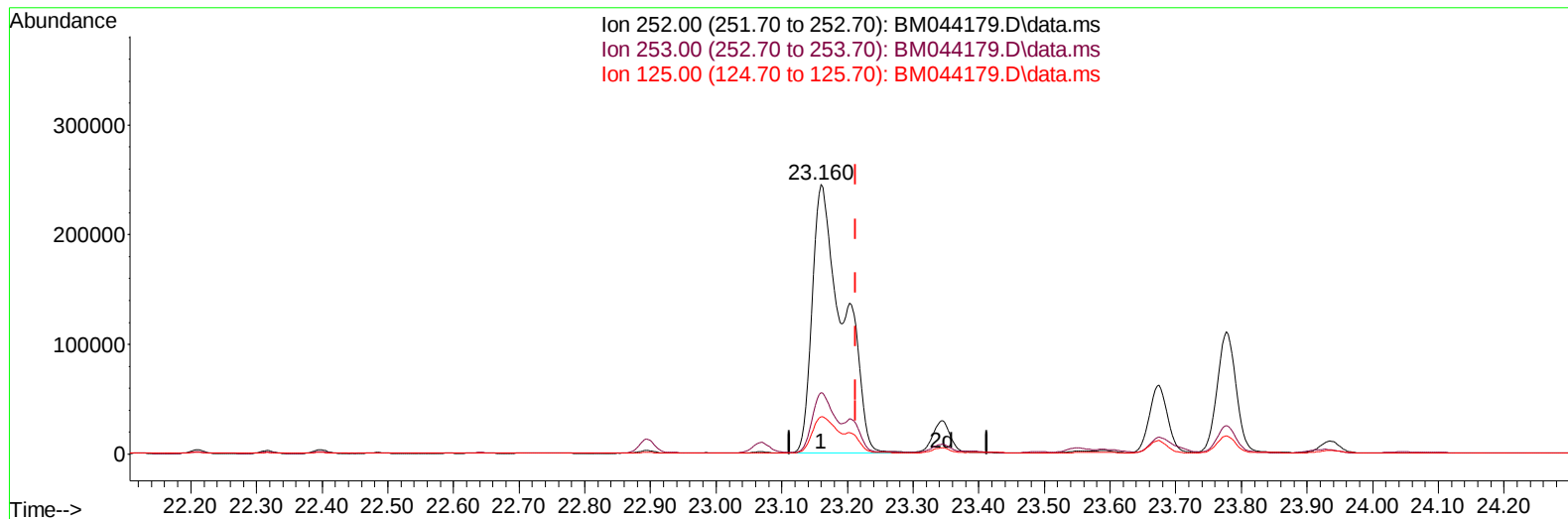
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Data File : BM044179.D  
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Operator : MA/JU  
Sample : P1352-02DL 5X  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0FN3DL

Manual IntegrationsAPPROVED

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TIC: BM044179.D\data.ms

(25) Benzo(k)fluoranthene

23.160min (-0.053) 12.23 ng/u1

response 804538

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.10  | 22.82  |
| 125.00 | 15.40  | 13.87  |
| 0.00   | 0.00   | 0.00   |

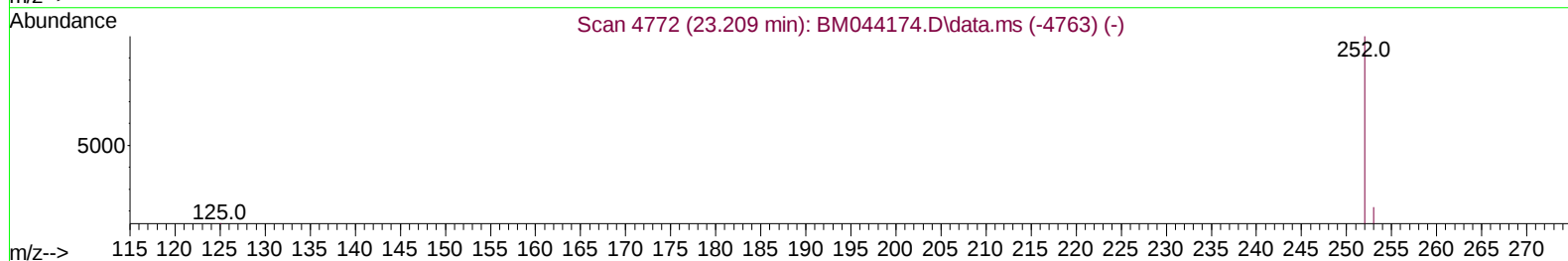
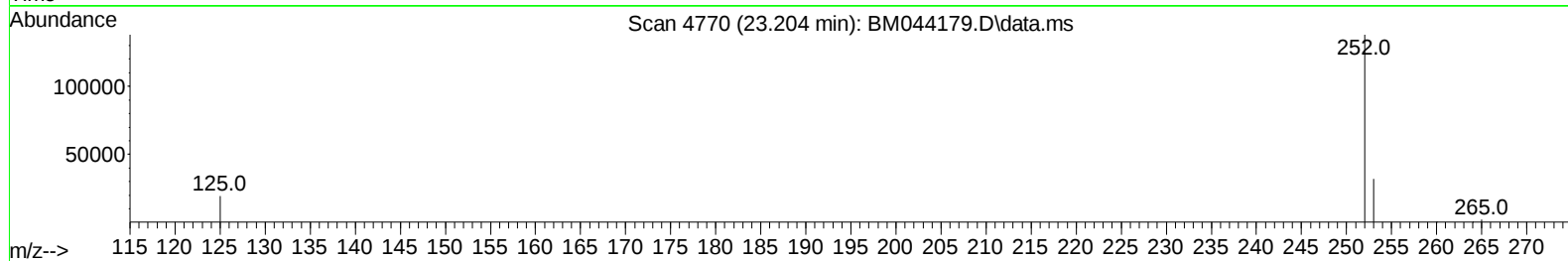
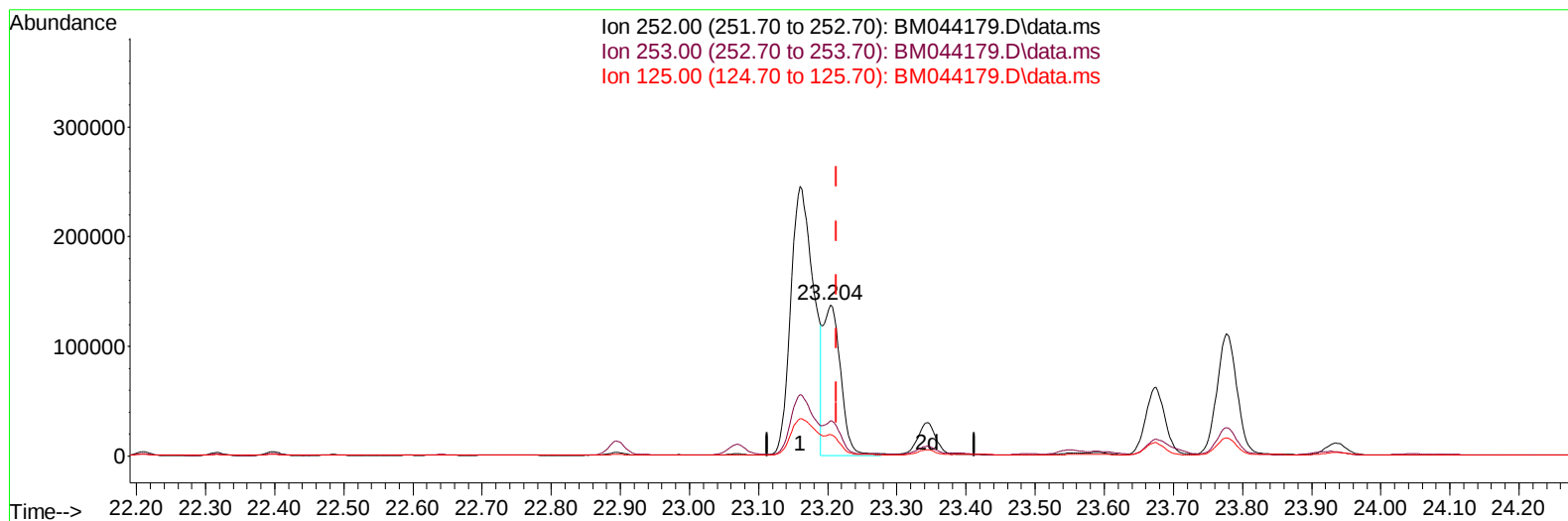
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Data File : BM044179.D  
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Sample : P1352-02DL 5X  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0FN3DL

Manual IntegrationsAPPROVED

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TIC: BM044179.D\data.ms

(25) Benzo(k)fluoranthene

23.204min (-0.009) 3.70 ng/u1 m

response 243063

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.10  | 23.29  |
| 125.00 | 15.40  | 14.09  |
| 0.00   | 0.00   | 0.00   |

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 Data File : BM044179.D  
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 Operator : MA/JU  
 Sample : P1352-02DL 5X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0FN3DL

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/20/2024  
 Supervised By :mohammad ahmed 02/21/2024

Quant Time: Feb 19 17:01:55 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM021524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 15 13:40:24 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.900  | 152  | 5997     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.699 | 136  | 18151    | 0.400  | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.538 | 164  | 8526     | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.292 | 188  | 17246    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.497 | 240  | 12429    | 0.400  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.882 | 264  | 14680m   | 0.400  | ng/ul  | -0.01    |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.356  | 96   | 8463     | 0.997  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.294 | 152  | 1428     | 0.056  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.326 | 212  | 2653     | 0.072  | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 10) Acenaphthylene          | 14.260 | 152  | 1750     | 0.037  | ng/ul# | 81       |
| 11) Acenaphthene            | 14.603 | 153  | 6922     | 0.204  | ng/ul  | 100      |
| 12) Fluorene                | 15.593 | 166  | 5618     | 0.147  | ng/ul  | 98       |
| 15) Phenanthrene            | 17.334 | 178  | 241814   | 4.424  | ng/ul  | 99       |
| 16) Anthracene              | 17.427 | 178  | 39015    | 0.721  | ng/ul  | 100      |
| 19) Fluoranthene            | 19.354 | 202  | 926007   | 16.342 | ng/ul  | 95       |
| 20) Pyrene                  | 19.721 | 202  | 722482   | 12.124 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.479 | 228  | 436889   | 7.676  | ng/ul  | 99       |
| 22) Chrysene                | 21.532 | 228  | 451088   | 7.350  | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.160 | 252  | 561104   | 9.262  | ng/ul  | 97       |
| 25) Benzo(k)fluoranthene    | 23.204 | 252  | 243063m  | 3.696  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.777 | 252  | 222889   | 3.958  | ng/ul  | 94       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.353 | 276  | 169149   | 2.359  | ng/ul# | 96       |
| 28) Dibenzo(a,h)anthracene  | 26.376 | 278  | 55911    | 0.990  | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 27.108 | 276  | 13825    | 0.218  | ng/ul# | 88       |
| -----                       |        |      |          |        |        |          |

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

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