

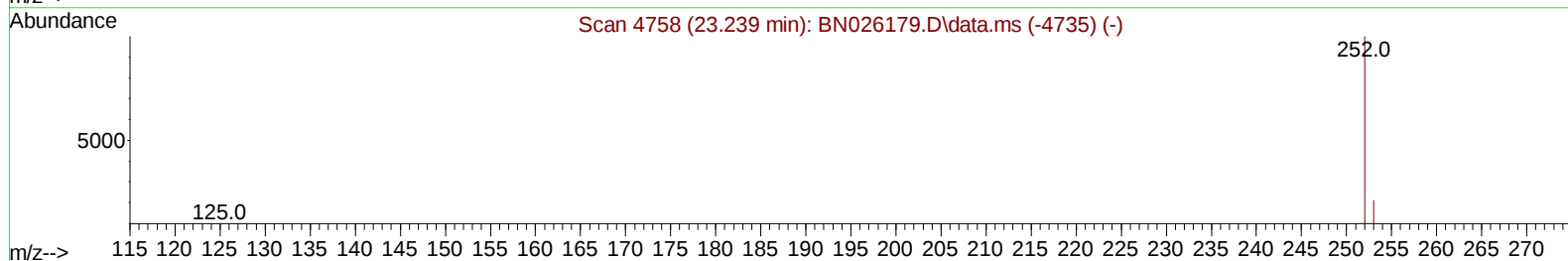
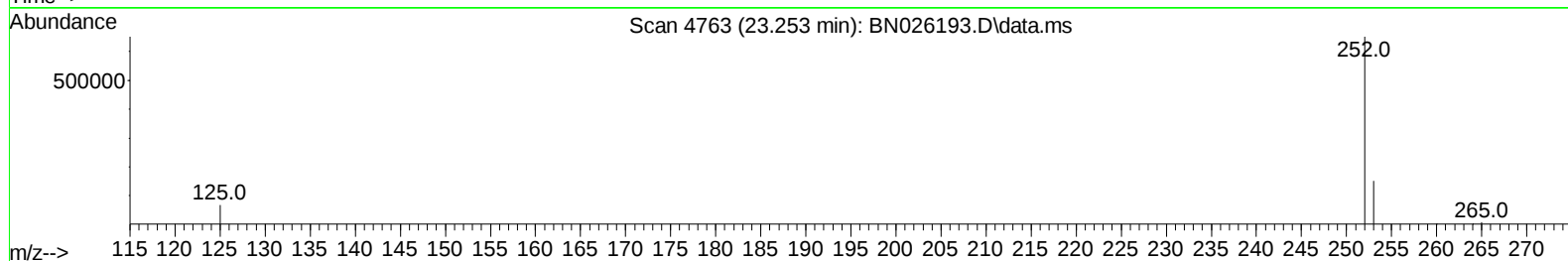
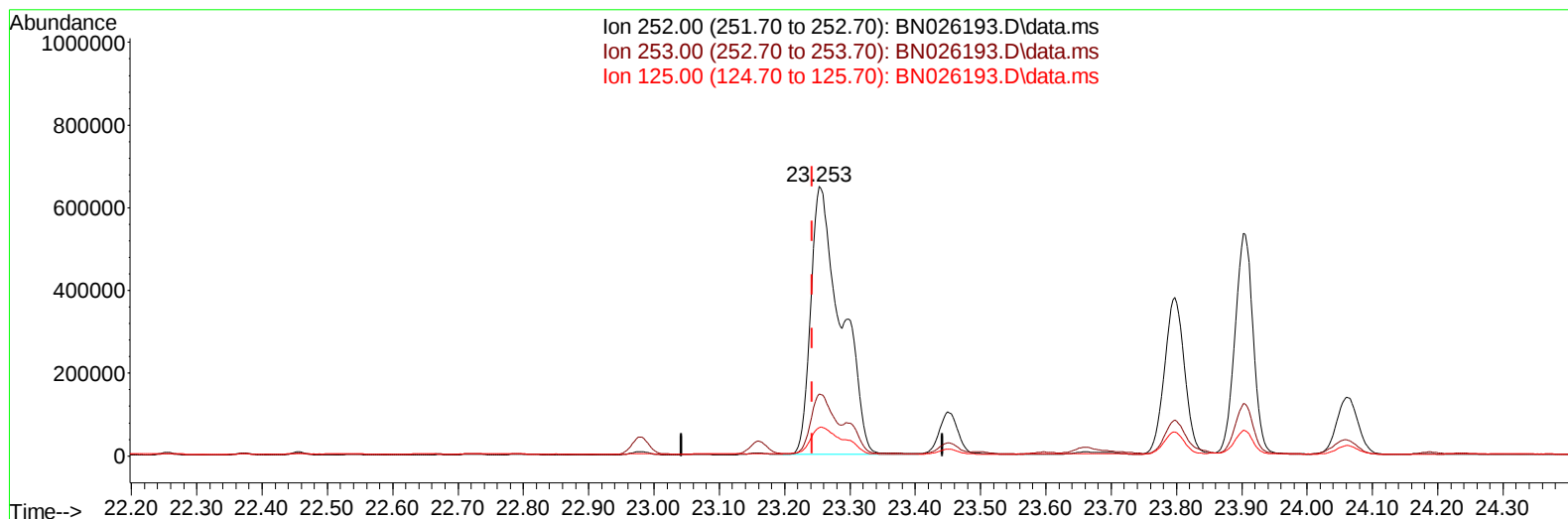
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
Data File : BN026193.D  
Acq On : 02 Jul 2023 17:36  
Operator : MA/JU  
Sample : 03247-15  
Misc :  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DCGM1

## Manual IntegrationsAPPROVED

Quant Time: Jul 03 05:41:06 2023  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN062223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Jul 01 01:46:24 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/03/2023  
Supervised By :Sohil Jodhani 07/04/2023



TIC: BN026193.D\data.ms

## (24) Benzo(b)fluoranthene

23.253min (+ 0.011) 25.53 ng/u1

response 2079365

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.80  | 23.05  |
| 125.00 | 17.90  | 10.45  |
| 0.00   | 0.00   | 0.00   |

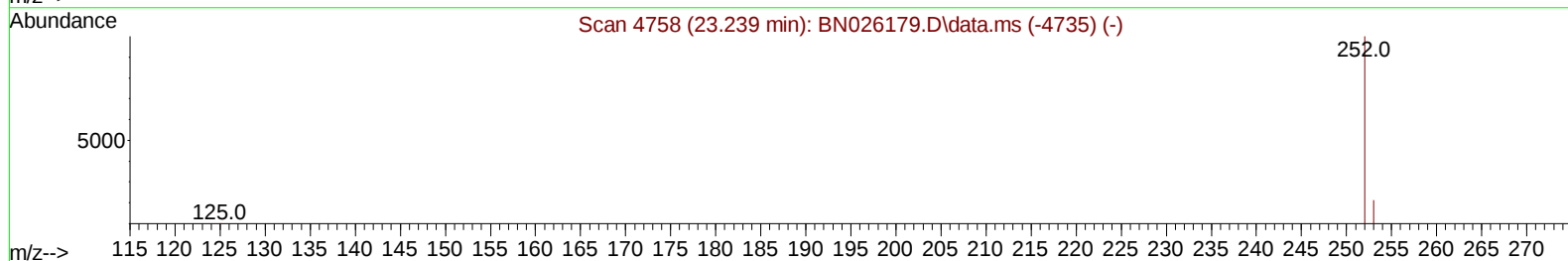
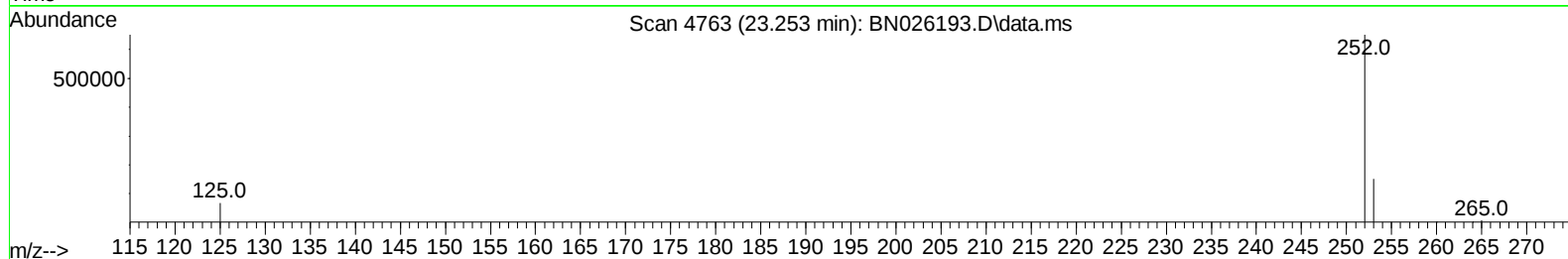
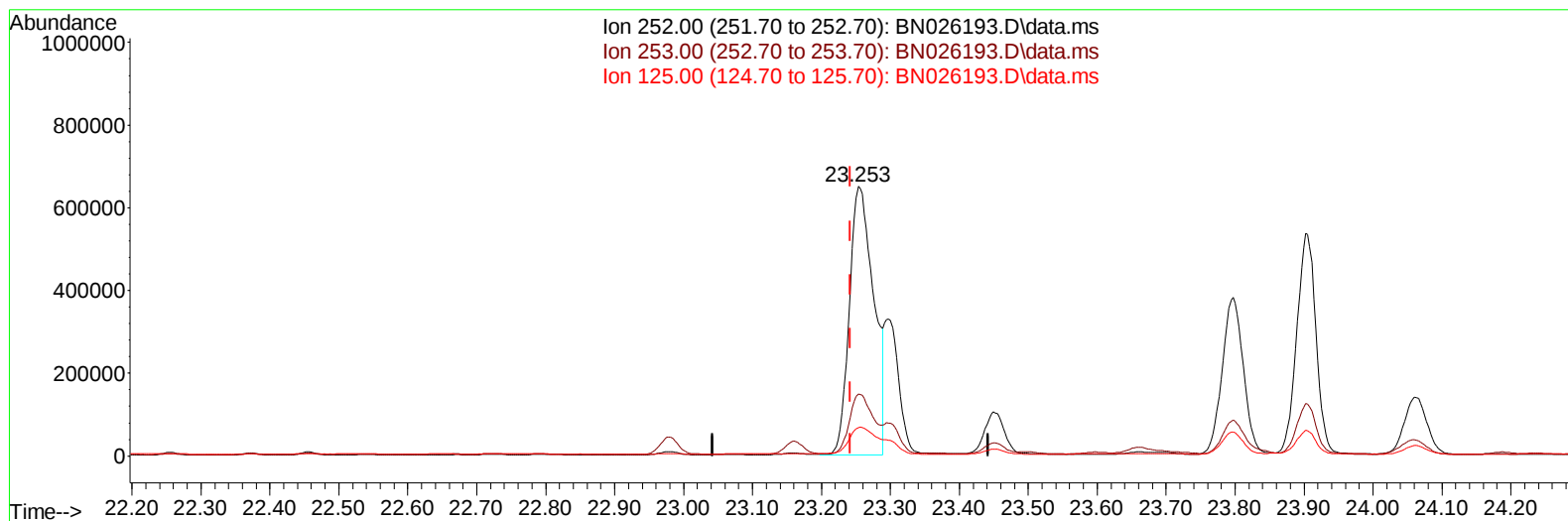
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
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## Manual IntegrationsAPPROVED

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TIC: BN026193.D\data.ms

## (24) Benzo(b)fluoranthene

23.253min (+ 0.011) 19.58 ng/ul m

response 1594428

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.80  | 23.05  |
| 125.00 | 17.90  | 10.45  |
| 0.00   | 0.00   | 0.00   |

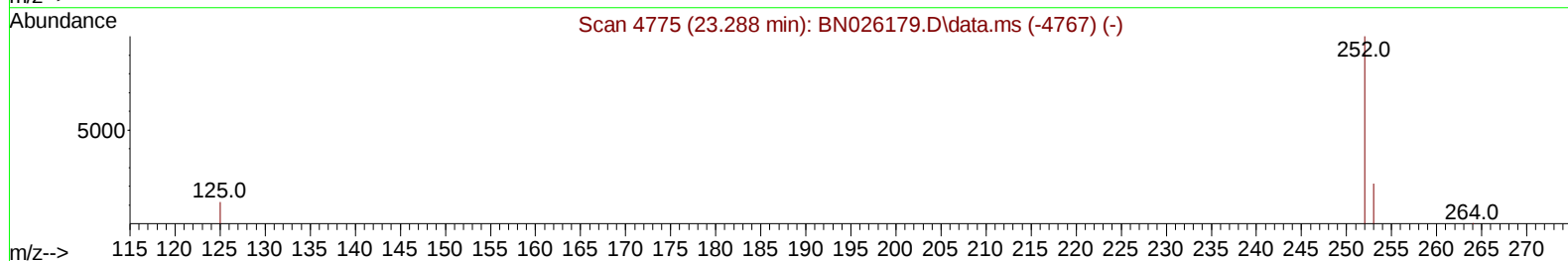
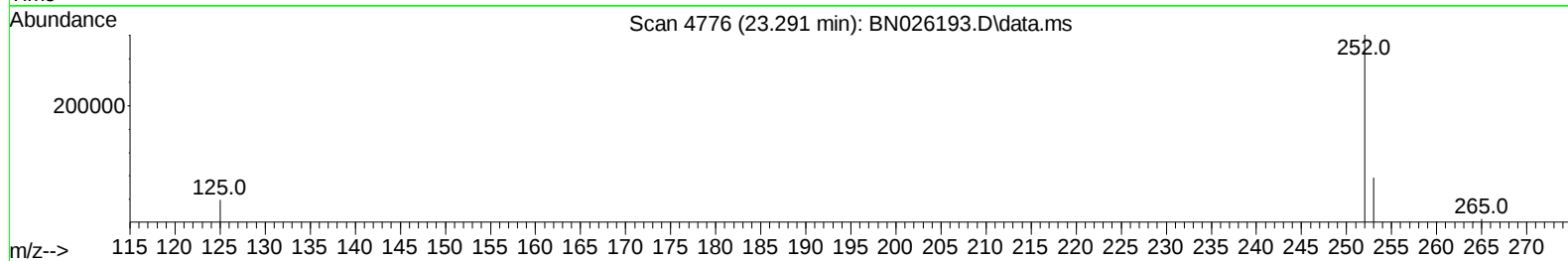
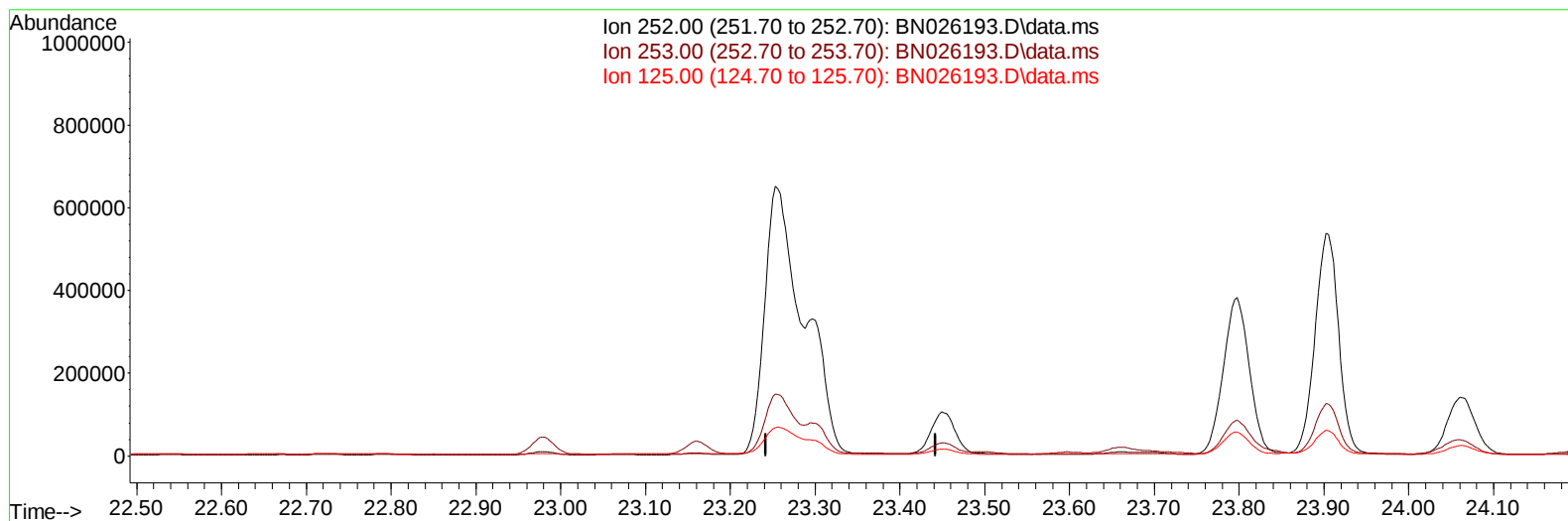
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 Acq On : 02 Jul 2023 17:36  
 Operator : MA/JU  
 Sample : 03247-15  
 Misc :  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
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Manual IntegrationsAPPROVED

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TIC: BN026193.D\data.ms

(25) Benzo(k)fluoranthene

23.292min (-23.292) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 29.00  | 0.00# |
| 125.00 | 18.70  | 0.00# |
| 0.00   | 0.00   | 0.00  |

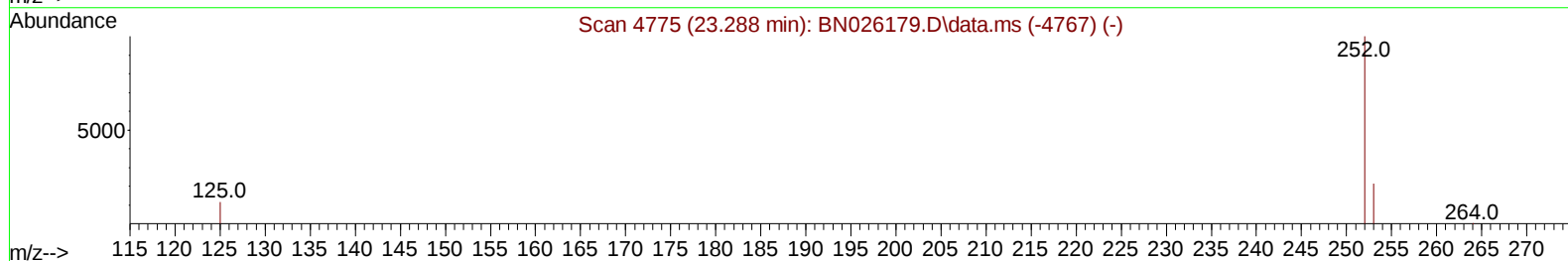
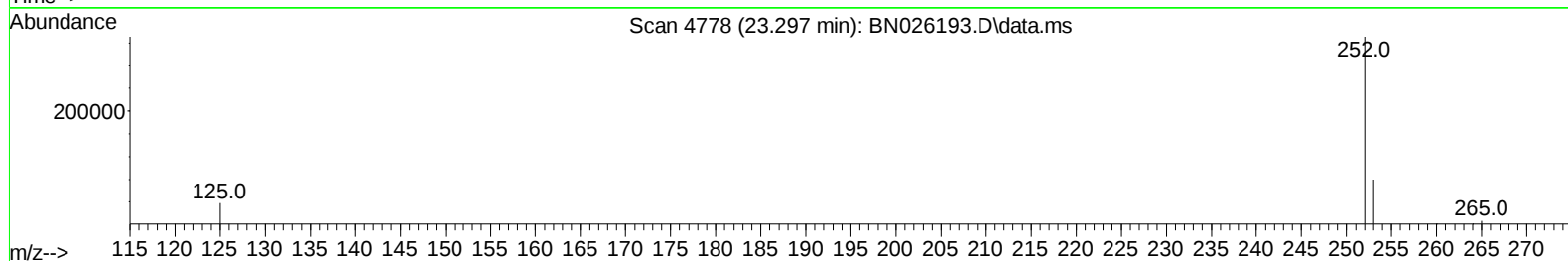
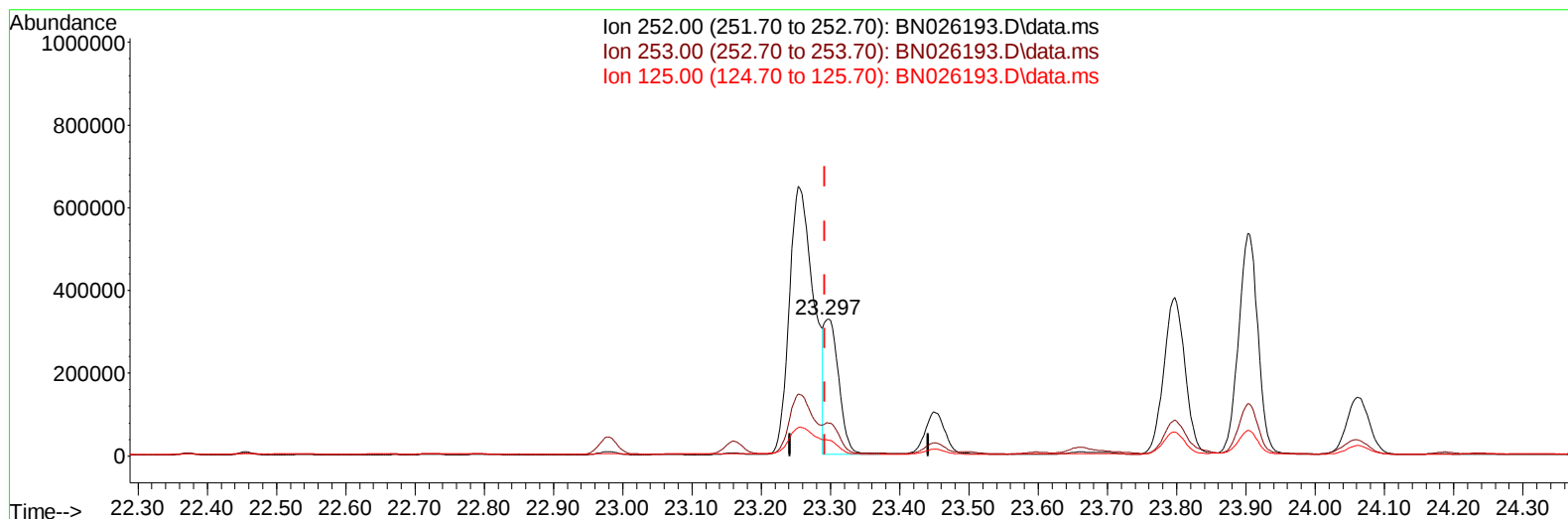
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 Sample : 03247-15  
 Misc :  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
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Manual IntegrationsAPPROVED

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TIC: BN026193.D\data.ms

(25) Benzo(k)fluoranthene

23.297min (+ 0.005) 5.88 ng/ul m

response 480960

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 29.00  | 24.16  |
| 125.00 | 18.70  | 11.55# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070223\  
 Data File : BN026193.D  
 Acq On : 02 Jul 2023 17:36  
 Operator : MA/JU  
 Sample : 03247-15  
 Misc :  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCGM1

## Manual IntegrationsAPPROVED

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| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.955  | 152  | 8964     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.765 | 136  | 27367    | 0.400  | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.598 | 164  | 15923    | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.347 | 188  | 30574    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.538 | 240  | 15450    | 0.400  | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 24.008 | 264  | 19082    | 0.400  | ng/ul  | # 0.01   |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.318  | 96   | 20544    | 2.035  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.359 | 152  | 6292     | 0.149  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.377 | 212  | 10524    | 0.179  | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        |        | Qvalue   |
| 5) Naphthalene              | 10.820 | 128  | 30149    | 0.384  | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.431 | 142  | 15212    | 0.305  | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.645 | 142  | 10539    | 0.204  | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.320 | 152  | 46733    | 0.627  | ng/ul  | 99       |
| 11) Acenaphthene            | 14.663 | 153  | 13923    | 0.228  | ng/ul  | 98       |
| 12) Fluorene                | 15.648 | 166  | 14869    | 0.213  | ng/ul# | 98       |
| 15) Phenanthrene            | 17.389 | 178  | 446978   | 4.426  | ng/ul  | 99       |
| 16) Anthracene              | 17.482 | 178  | 108300   | 1.207  | ng/ul  | 100      |
| 19) Fluoranthene            | 19.405 | 202  | 1987452  | 24.084 | ng/ul  | 97       |
| 20) Pyrene                  | 19.772 | 202  | 1830855  | 21.331 | ng/ul  | 94       |
| 21) Benzo(a)anthracene      | 21.520 | 228  | 926408   | 14.535 | ng/ul  | 98       |
| 22) Chrysene                | 21.576 | 228  | 969073   | 14.612 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.253 | 252  | 1594428m | 19.577 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.297 | 252  | 480960m  | 5.881  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.902 | 252  | 1033716  | 14.613 | ng/ul# | 82       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.598 | 276  | 828591   | 10.724 | ng/ul# | 82       |
| 28) Dibenzo(a,h)anthracene  | 26.604 | 278  | 188307   | 3.220  | ng/ul  | 92       |
| 29) Benzo(g,h,i)perylene    | 27.406 | 276  | 788497   | 11.472 | ng/ul# | 92       |
| -----                       |        |      |          |        |        |          |

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

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