

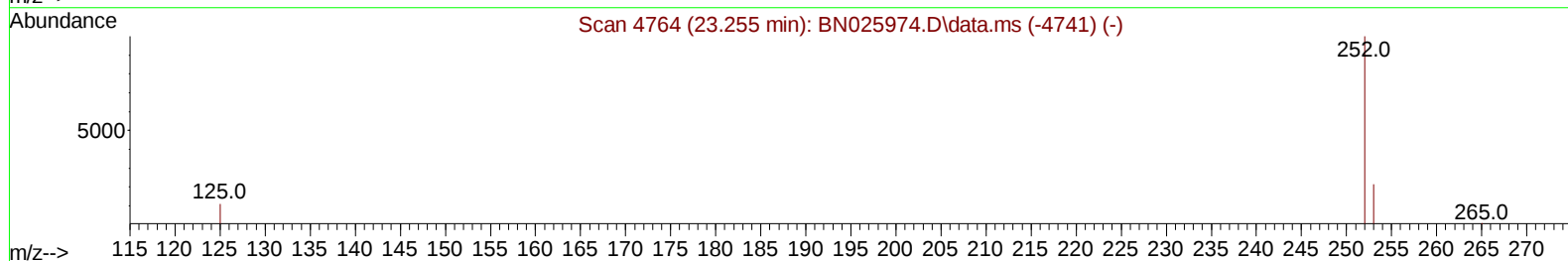
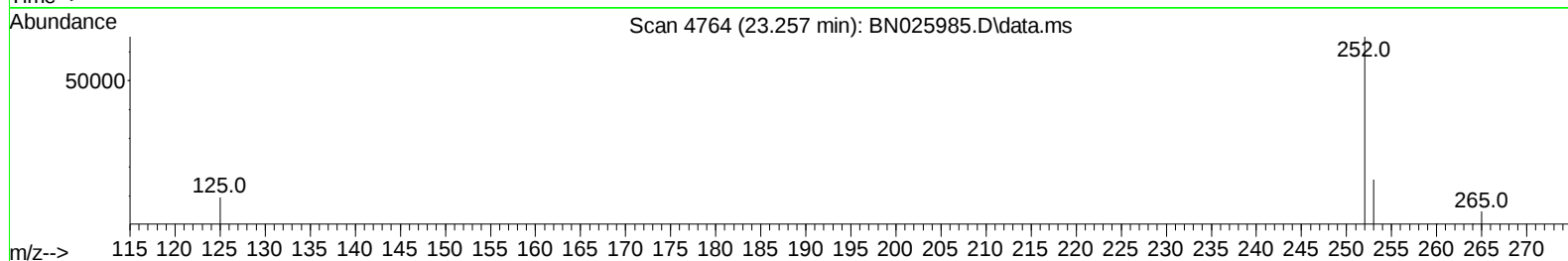
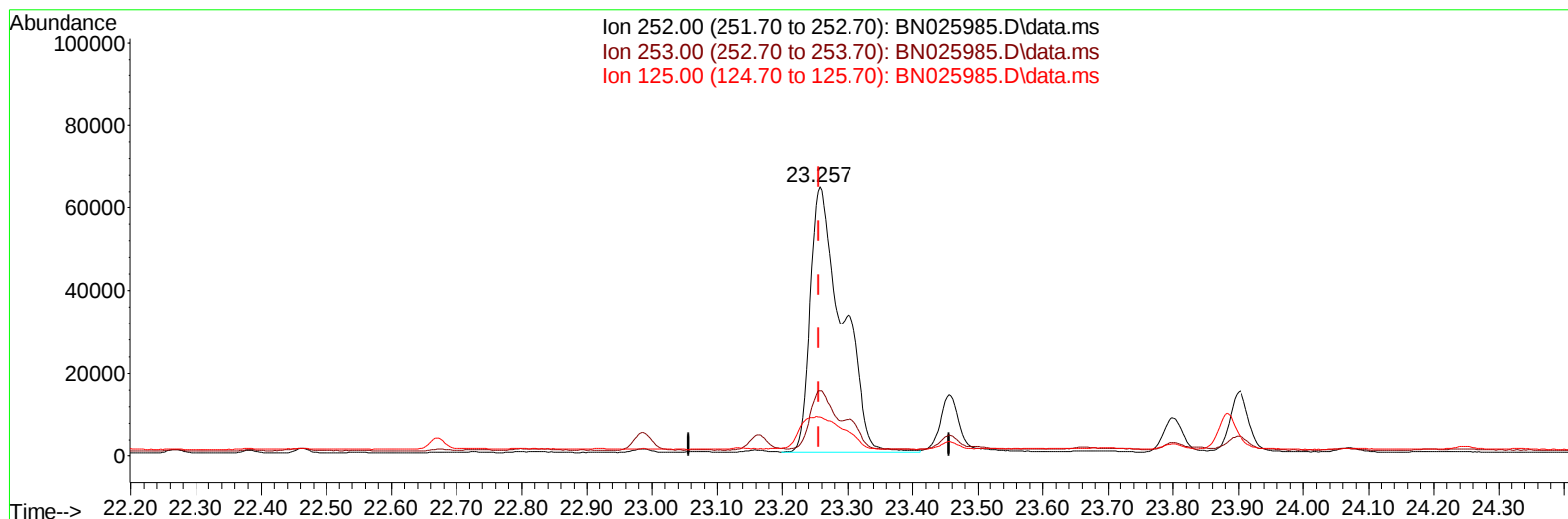
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062423\  
Data File : BN025985.D  
Acq On : 24 Jun 2023 01:43  
Operator : MA/JU  
Sample : 03083-01DL 5X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DCFJ9DL

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:48:56 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 : Thu Jun 22 01:27:41 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2023  
Supervised By :mohammad ahmed 06/25/2023



TIC: BN025985.D\data.ms

(24) Benzo(b)fluoranthene

23.257min (+ 0.001) 2.96 ng/u1

response 218457

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.80  | 24.17  |
| 125.00 | 17.90  | 14.63  |
| 0.00   | 0.00   | 0.00   |

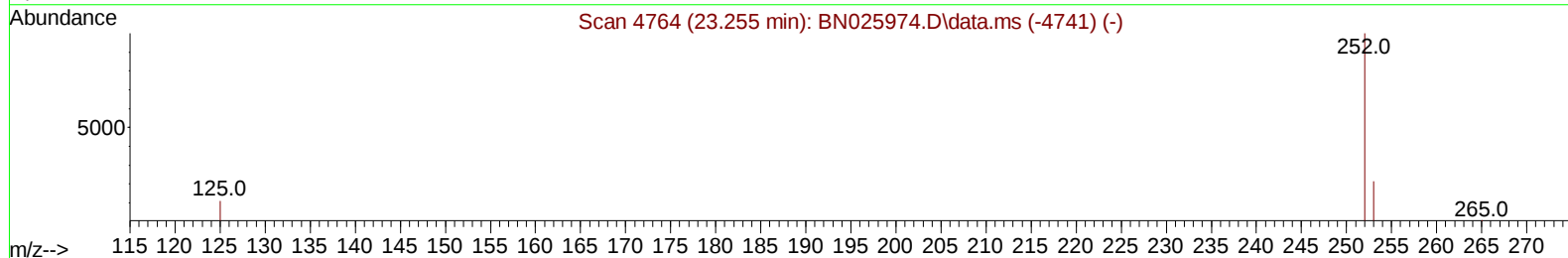
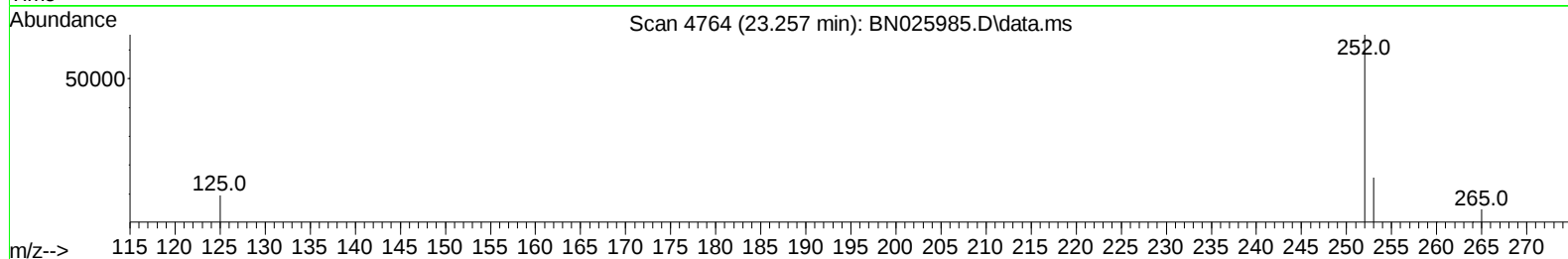
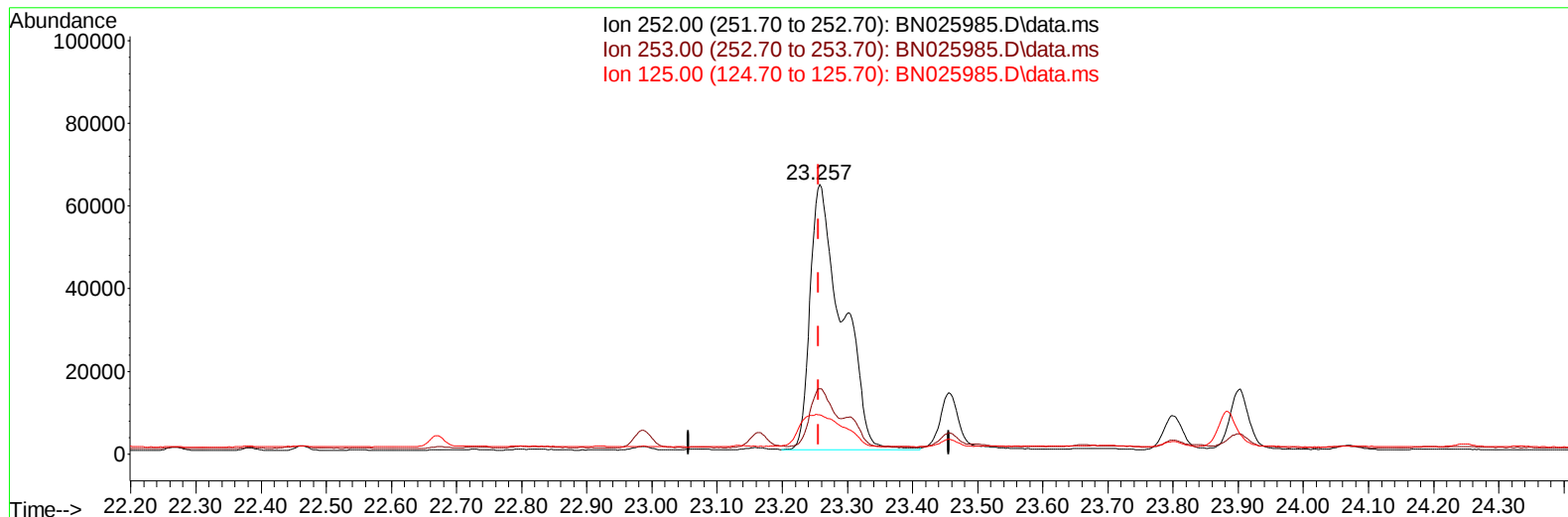
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**(24) Benzo(b)fluoranthene**

**23.257min (+ 0.001) 2.96 ng/u1**

**response 218457**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.80  | 24.17  |
| 125.00 | 17.90  | 14.63  |
| 0.00   | 0.00   | 0.00   |

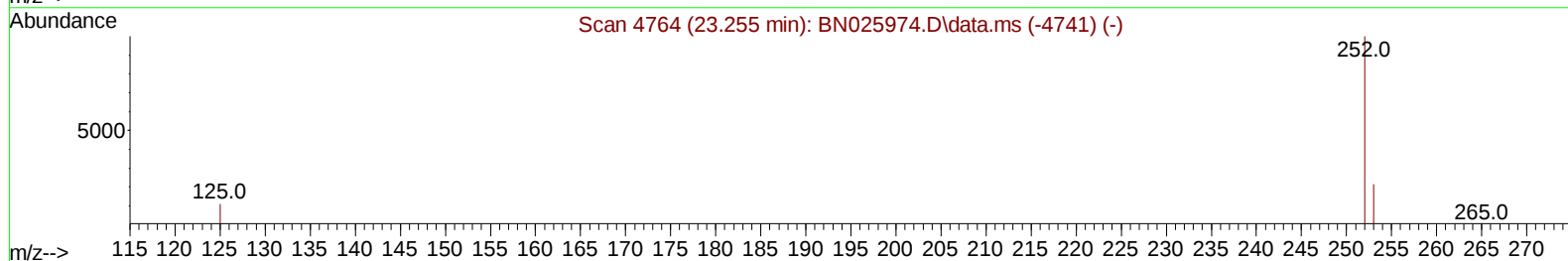
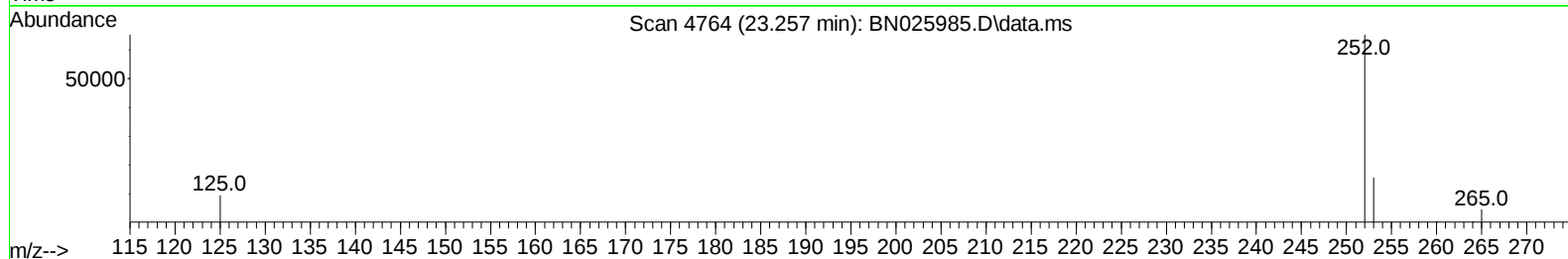
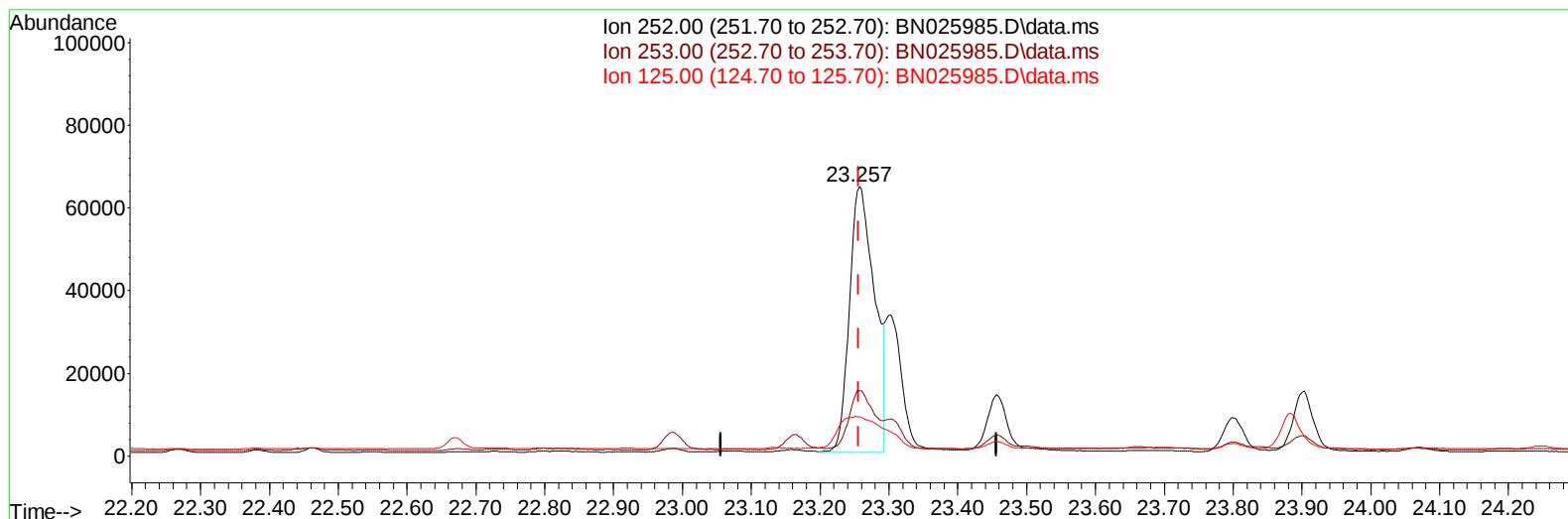
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Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BN025985.D\data.ms

**(24) Benzo(b)fluoranthene**

23.257min (+ 0.001) 2.22 ng/u1 m

response 163854

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.80  | 24.17  |
| 125.00 | 17.90  | 14.63  |
| 0.00   | 0.00   | 0.00   |

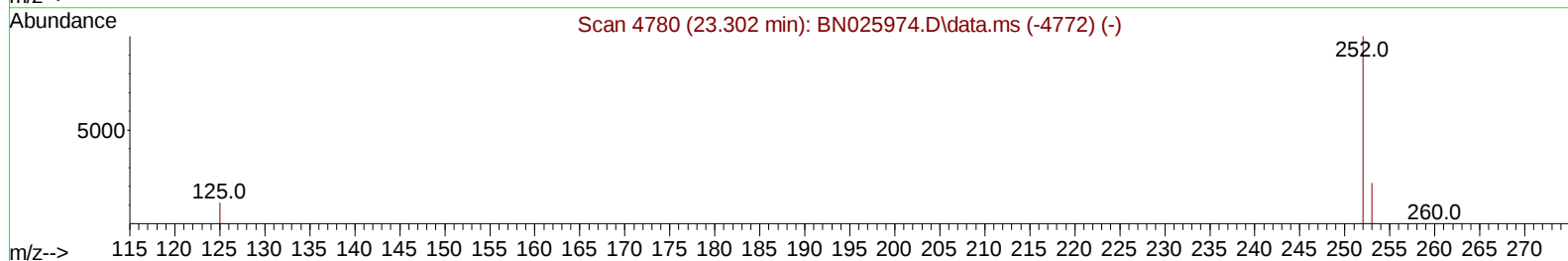
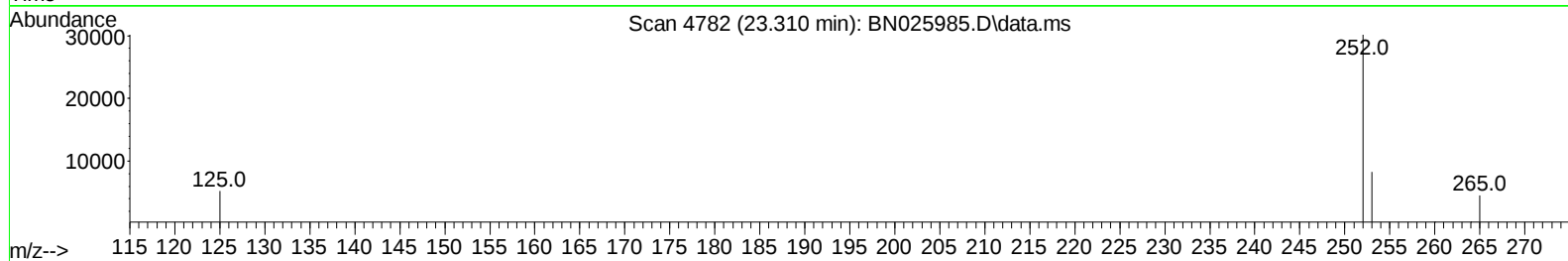
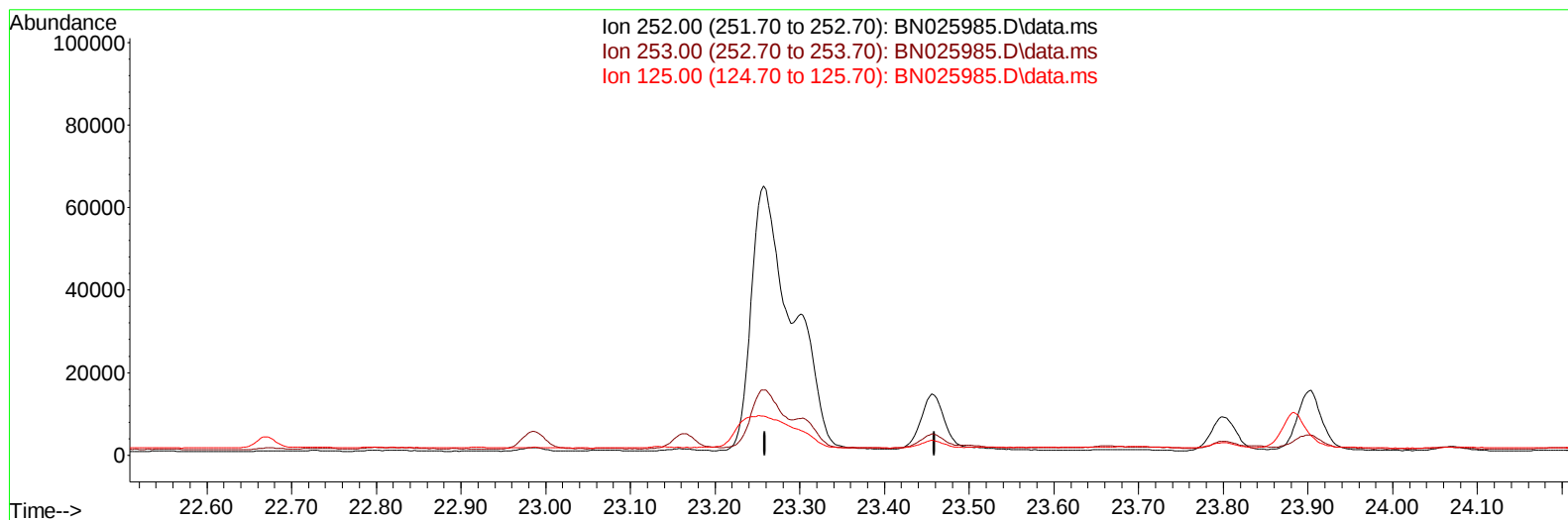
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 Sample : 03083-01DL 5X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
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 DCFJ9DL

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 06/24/2023  
 Supervised By :mohammad ahmed 06/25/2023



TIC: BN025985.D\data.ms

(25) Benzo(k)fluoranthene

23.309min (-23.309) 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  |

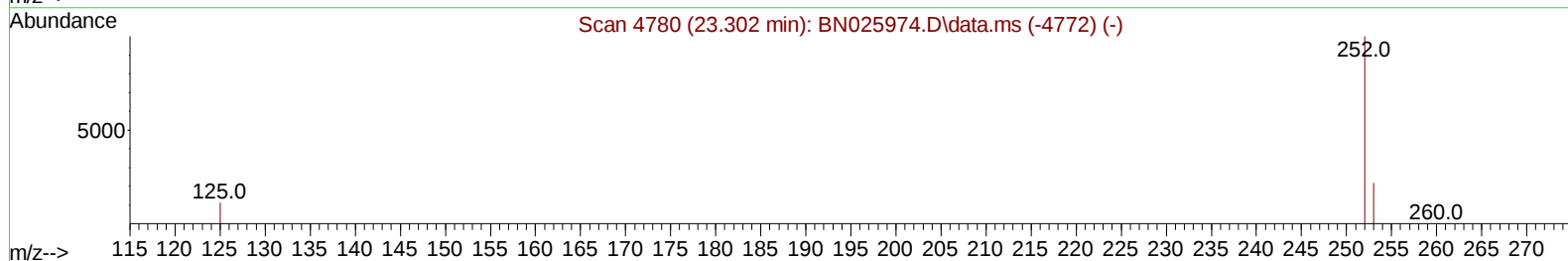
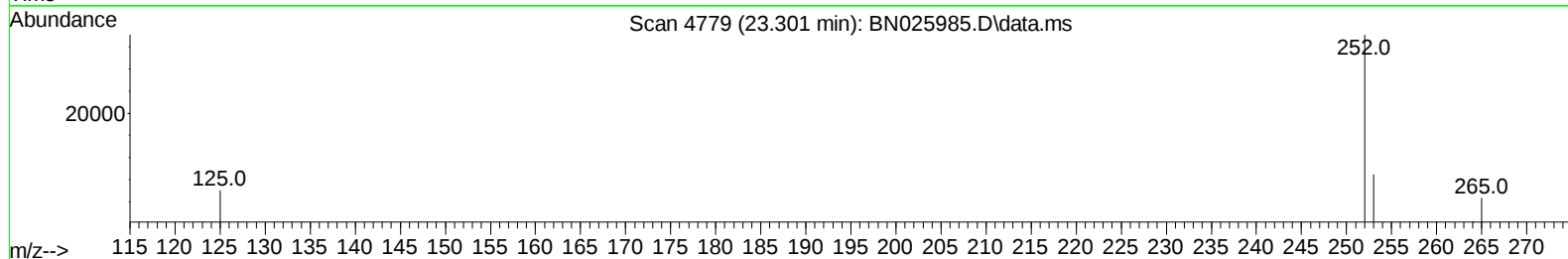
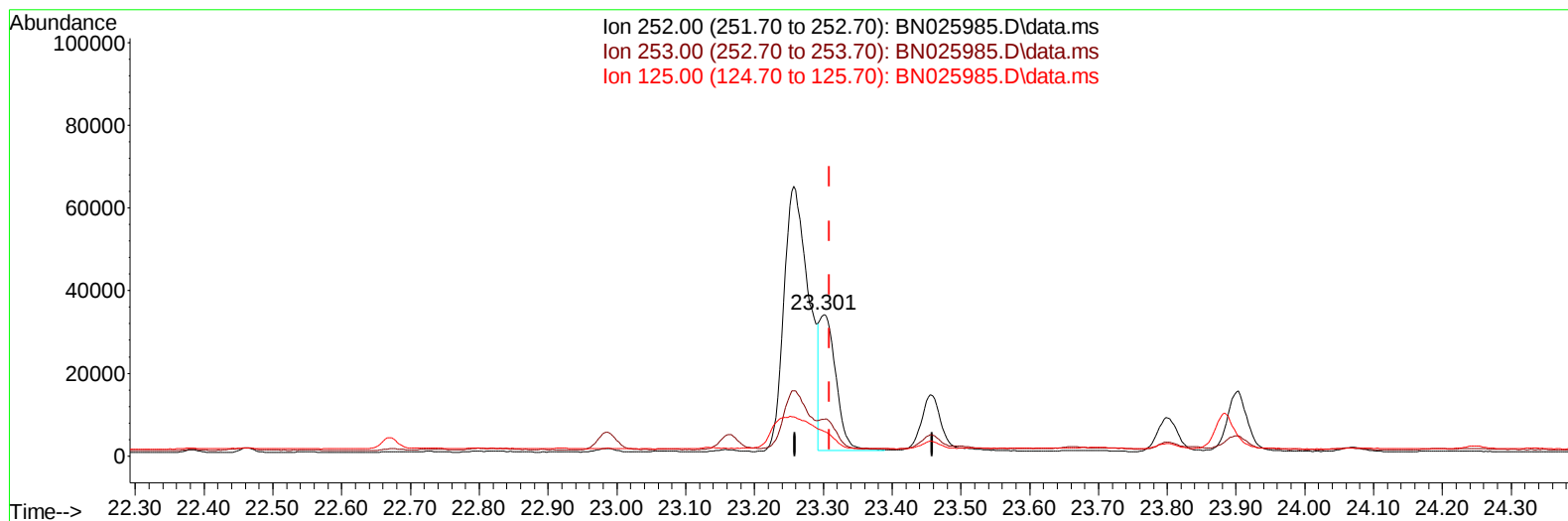
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 Data File : BN025985.D  
 Acq On : 24 Jun 2023 01:43  
 Operator : MA/JU  
 Sample : 03083-01DL 5X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFJ9DL

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:48:56 2023  
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TIC: BN025985.D\data.ms

**(25) Benzo(k)fluoranthene**

23.301min (-0.008) 0.73 ng/ul m

response 54350

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 29.00  | 26.00  |
| 125.00 | 18.70  | 17.57  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062423\  
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 Operator : MA/JU  
 Sample : 03083-01DL 5X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
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## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2023  
 Supervised By :mohammad ahmed 06/25/2023

Quant Time: Jun 24 02:48:56 2023  
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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.980  | 152  | 7121     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.792 | 136  | 22252    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.617 | 164  | 13991    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.360 | 188  | 30881    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.544 | 240  | 22320    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.011 | 264  | 17310    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.331  | 96   | 3879     | 0.484 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.381 | 152  | 1292     | 0.038 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.387 | 212  | 3144     | 0.037 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.842 | 128  | 21902    | 0.343 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.453 | 142  | 10368    | 0.255 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.667 | 142  | 7616     | 0.181 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.340 | 152  | 38958    | 0.595 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.677 | 153  | 2766     | 0.052 | ng/ul  | 96       |
| 12) Fluorene                | 15.663 | 166  | 4631     | 0.075 | ng/ul# | 96       |
| 15) Phenanthrene            | 17.403 | 178  | 106807   | 1.047 | ng/ul  | 100      |
| 16) Anthracene              | 17.495 | 178  | 18150    | 0.200 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.415 | 202  | 250541   | 2.102 | ng/ul  | 99       |
| 20) Pyrene                  | 19.778 | 202  | 118602   | 0.956 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.527 | 228  | 110934   | 1.205 | ng/ul  | 97       |
| 22) Chrysene                | 21.582 | 228  | 122793   | 1.282 | ng/ul# | 96       |
| 24) Benzo(b)fluoranthene    | 23.257 | 252  | 163854m  | 2.218 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.301 | 252  | 54350m   | 0.733 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.903 | 252  | 30327    | 0.473 | ng/ul# | 91       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.589 | 276  | 36073    | 0.515 | ng/ul# | 90       |
| 28) Dibenzo(a,h)anthracene  | 26.602 | 278  | 17687    | 0.333 | ng/ul  | 92       |
| 29) Benzo(g,h,i)perylene    | 27.387 | 276  | 2402     | 0.039 | ng/ul# | 24       |
| -----                       |        |      |          |       |        |          |

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

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