

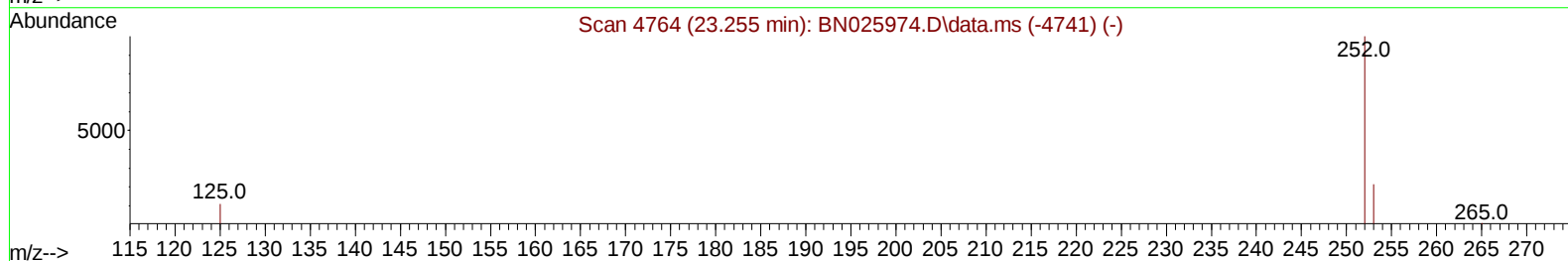
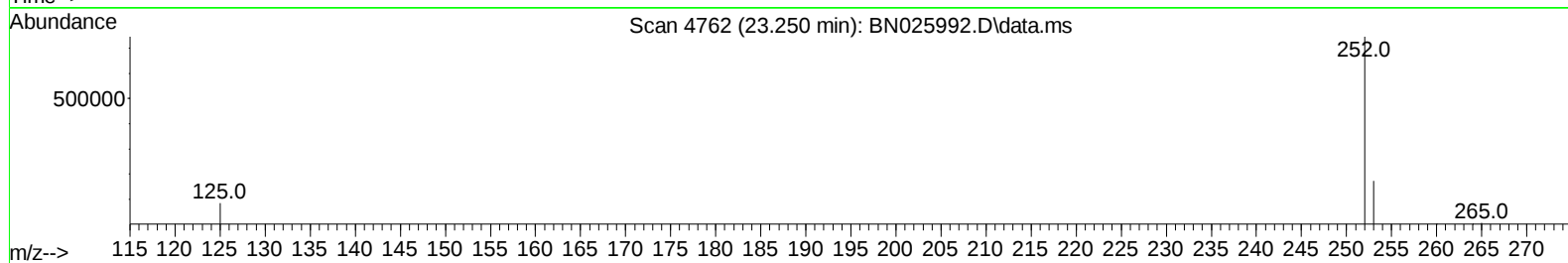
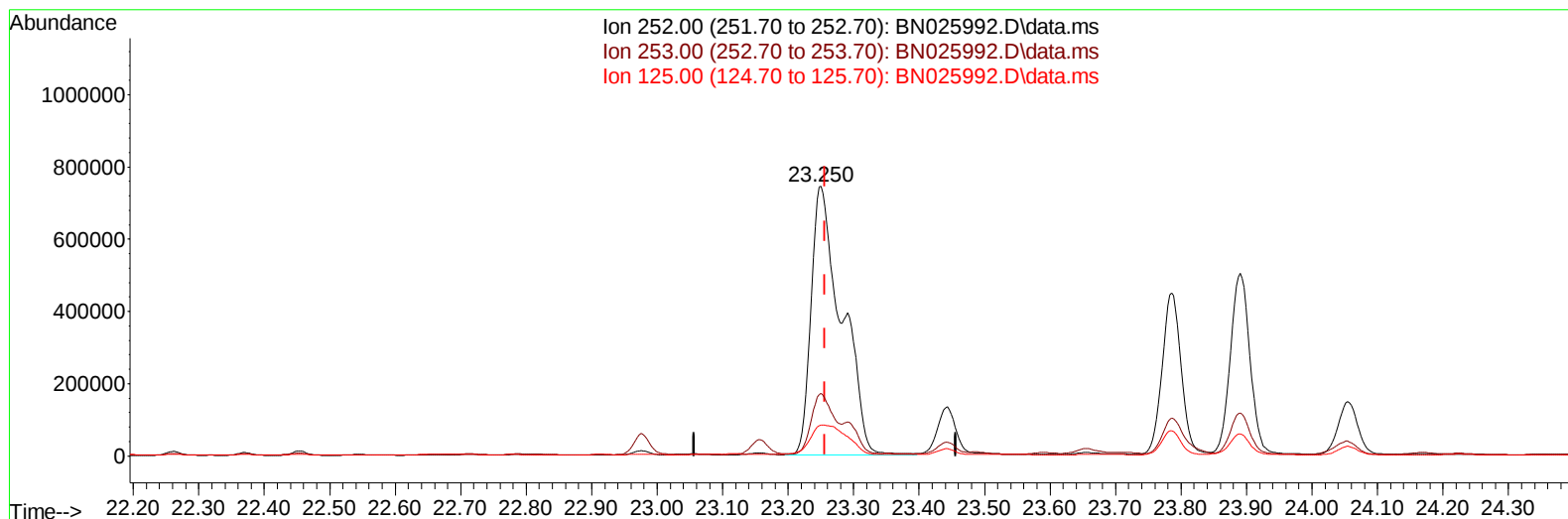
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062423\  
 Data File : BN025992.D  
 Acq On : 24 Jun 2023 06:34  
 Operator : MA/JU  
 Sample : 03085-01  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFN7

Manual IntegrationsAPPROVED

Quant Time: Jun 24 23:47:33 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 06/25/2023  
 Supervised By :mohammad ahmed 06/25/2023



TIC: BN025992.D\data.ms

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

23.250min (-0.006) 27.23 ng/u1

response 2401664

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.80  | 23.25  |
| 125.00 | 17.90  | 11.36  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062423\  
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 ALS Vial : 20 Sample Multiplier: 1

## Instrument :

BNA\_N

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DCFN7

## Manual IntegrationsAPPROVED

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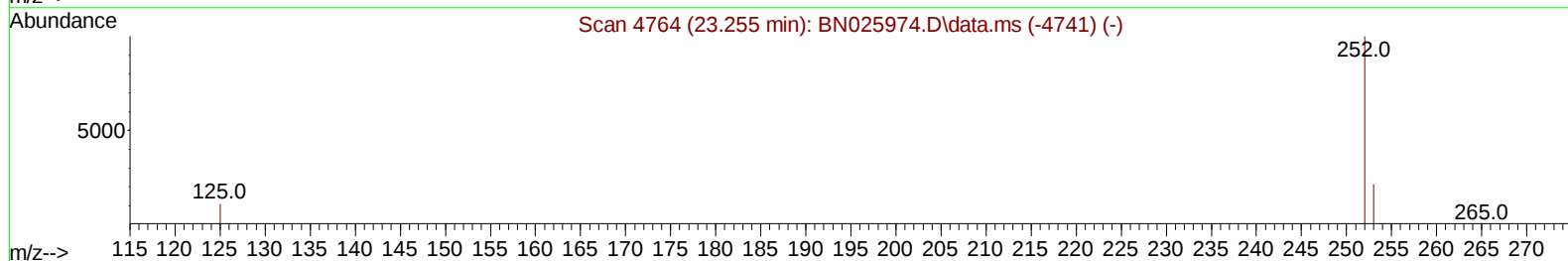
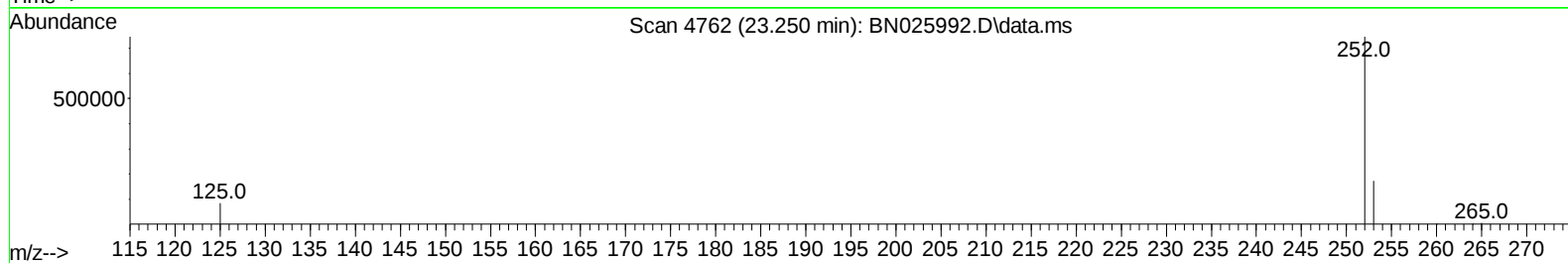
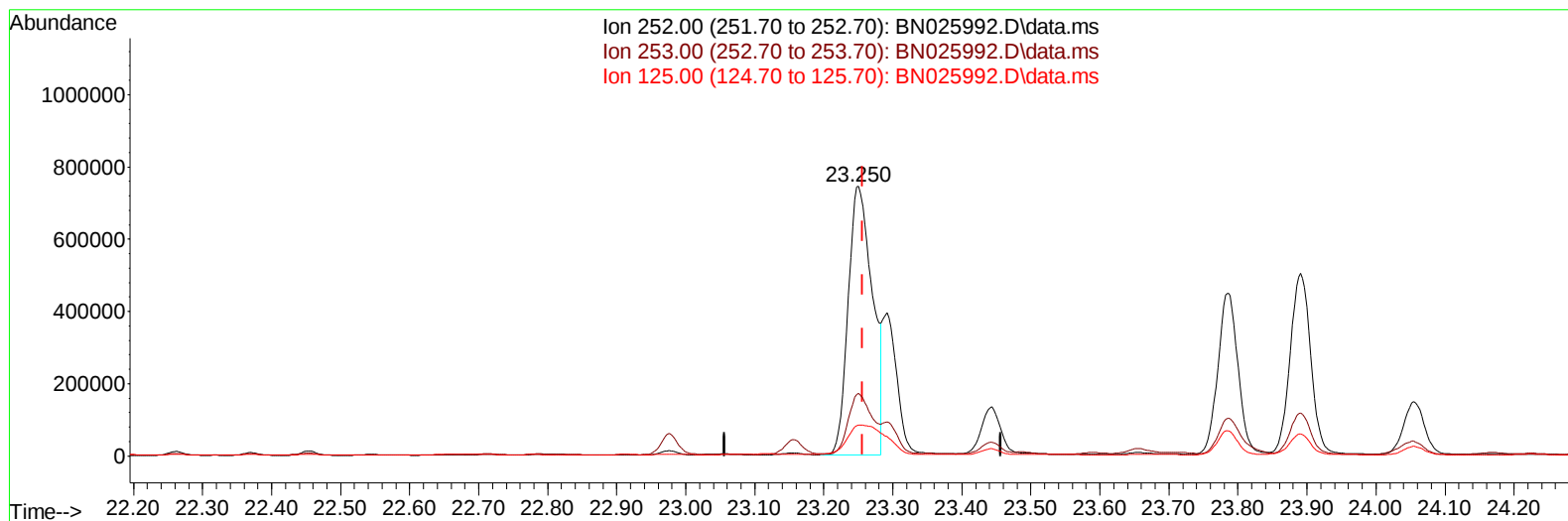
Quant Time: Jun 24 23:47:33 2023

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC: BN025992.D\data.ms

## (24) Benzo(b)fluoranthene

23.250min (-0.006) 20.72 ng/ul m

response 1827481

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.80  | 23.25  |
| 125.00 | 17.90  | 11.36  |
| 0.00   | 0.00   | 0.00   |

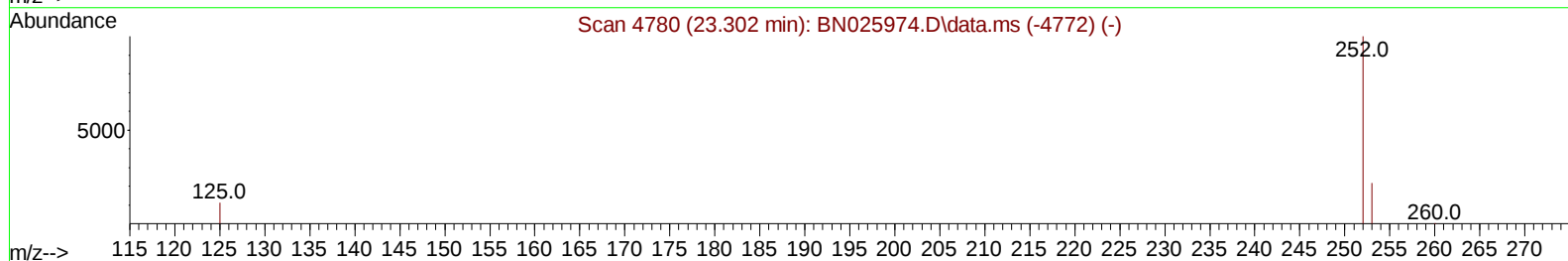
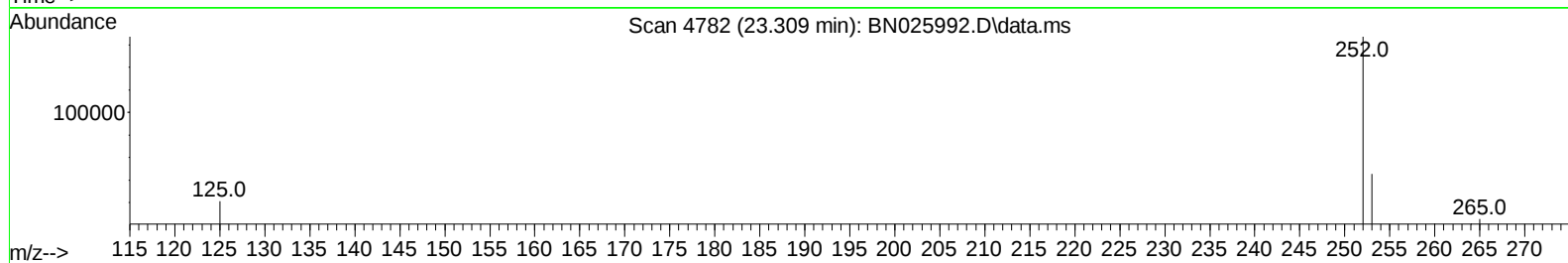
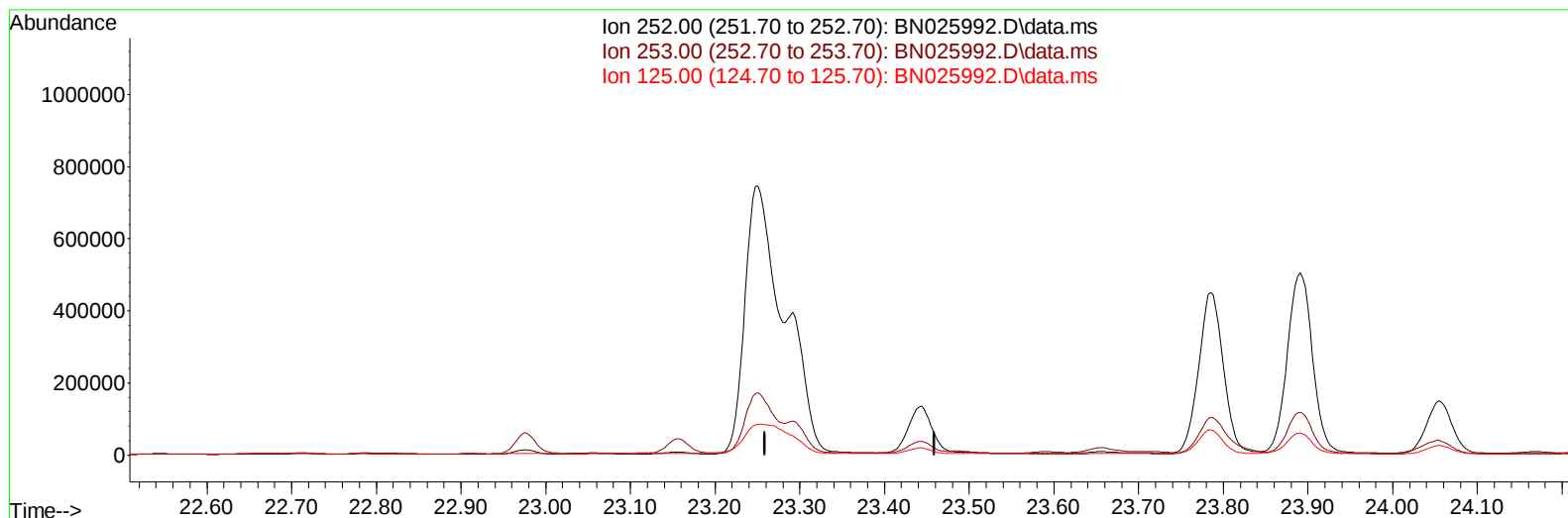
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 Sample : 03085-01  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
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Manual IntegrationsAPPROVED

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TIC: BN025992.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  |

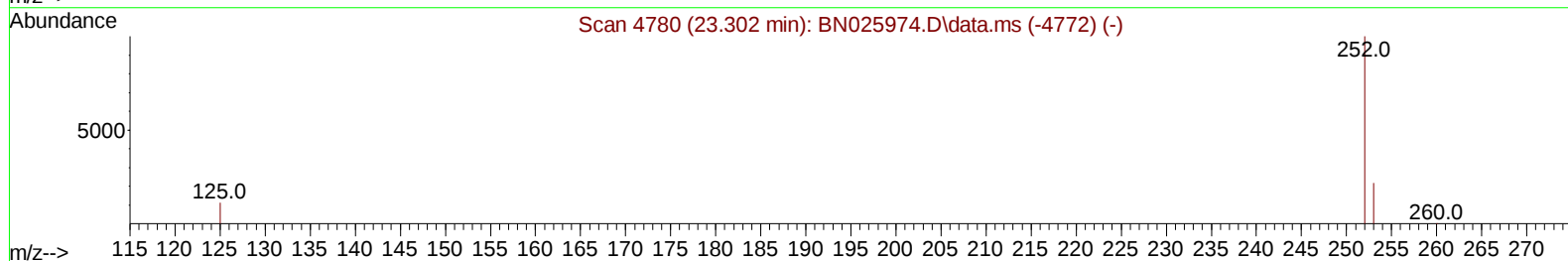
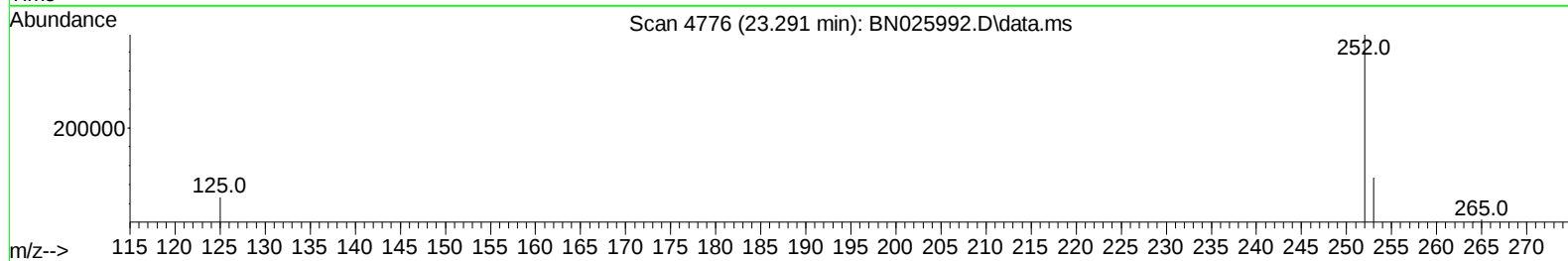
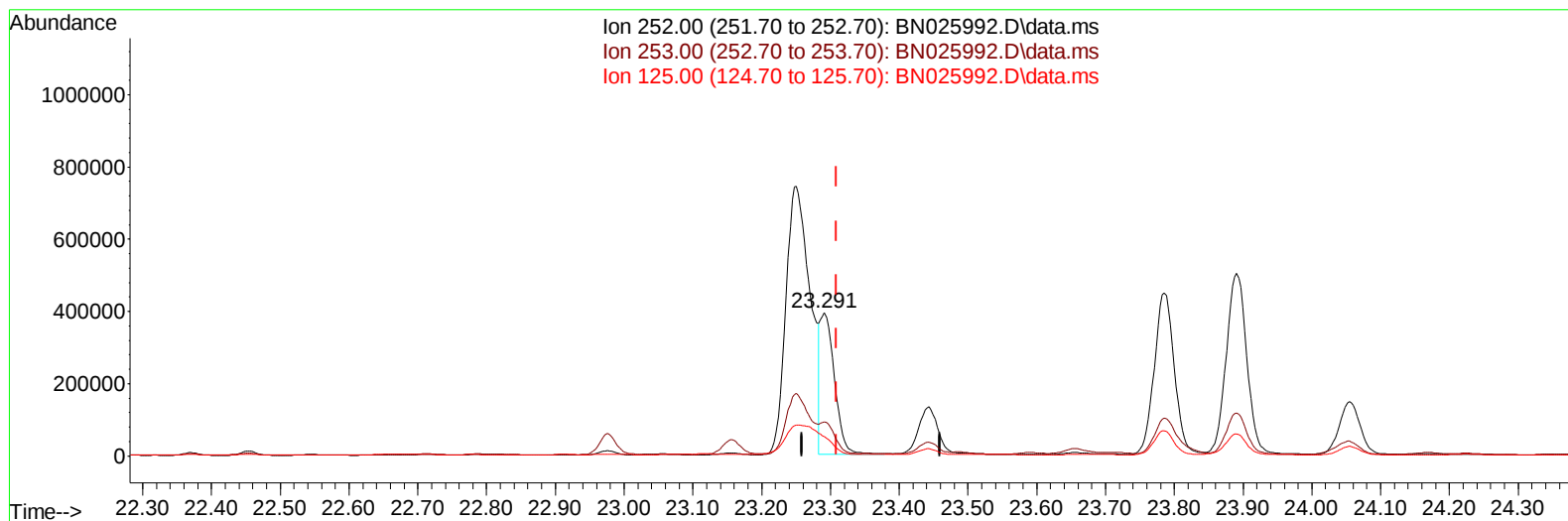
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 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFN7

Manual IntegrationsAPPROVED

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TIC: BN025992.D\data.ms

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

**23.291min (-0.018) 6.43 ng/ul m**

**response 569545**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 29.00  | 23.91  |
| 125.00 | 18.70  | 13.39# |
| 0.00   | 0.00   | 0.00   |

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 Operator : MA/JU  
 Sample : 03085-01  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
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## Manual IntegrationsAPPROVED

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| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.972  | 152  | 7924     | 0.400  | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.787 | 136  | 24665    | 0.400  | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.612 | 164  | 16247    | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.359 | 188  | 35715    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.543 | 240  | 22031    | 0.400  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.002 | 264  | 20668    | 0.400  | ng/ul  | #-0.02   |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.327  | 96   | 29017    | 3.252  | ng/ul  | -0.01    |
| 6) 2-Methylnaphthalene-d10  | 12.370 | 152  | 9319     | 0.246  | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.387 | 212  | 23437    | 0.280  | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        |        | Qvalue   |
| 5) Naphthalene              | 10.836 | 128  | 65263    | 0.923  | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.447 | 142  | 41488    | 0.922  | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.662 | 142  | 31571    | 0.677  | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.334 | 152  | 211259   | 2.777  | ng/ul  | 99       |
| 11) Acenaphthene            | 14.677 | 153  | 20407    | 0.328  | ng/ul  | 98       |
| 12) Fluorene                | 15.662 | 166  | 28473    | 0.399  | ng/ul# | 99       |
| 14) Pentachlorophenol       | 17.013 | 266  | 561      | 0.044  | ng/ul  | 98       |
| 15) Phenanthrene            | 17.402 | 178  | 772930   | 6.552  | ng/ul  | 99       |
| 16) Anthracene              | 17.490 | 178  | 215501   | 2.055  | ng/ul  | 100      |
| 19) Fluoranthene            | 19.414 | 202  | 2486041  | 21.127 | ng/ul  | 97       |
| 20) Pyrene                  | 19.777 | 202  | 2113025  | 17.264 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.526 | 228  | 1254681  | 13.805 | ng/ul  | 97       |
| 22) Chrysene                | 21.578 | 228  | 1405302  | 14.860 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.250 | 252  | 1827481m | 20.716 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.291 | 252  | 569545m  | 6.430  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.891 | 252  | 1039623  | 13.569 | ng/ul# | 82       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.564 | 276  | 802076   | 9.584  | ng/ul# | 87       |
| 28) Dibenzo(a,h)anthracene  | 26.578 | 278  | 203125   | 3.207  | ng/ul  | 93       |
| 29) Benzo(g,h,i)perylene    | 27.366 | 276  | 776941   | 10.436 | ng/ul  | 93       |
| -----                       |        |      |          |        |        |          |

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

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