

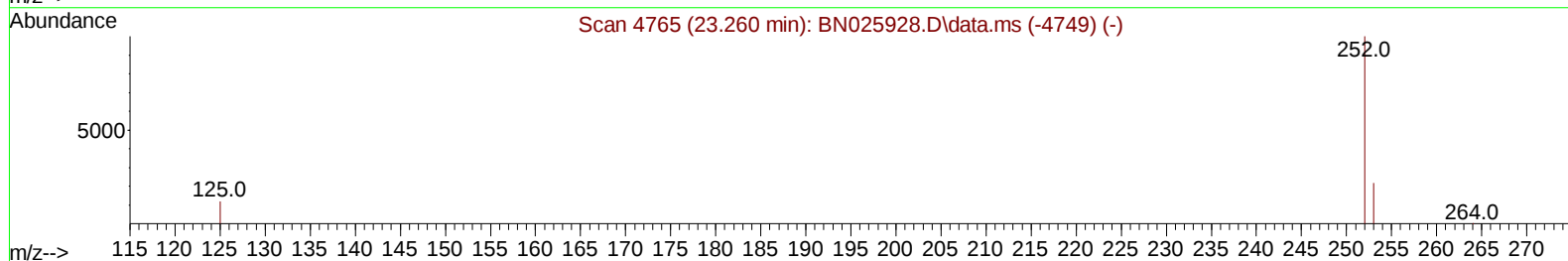
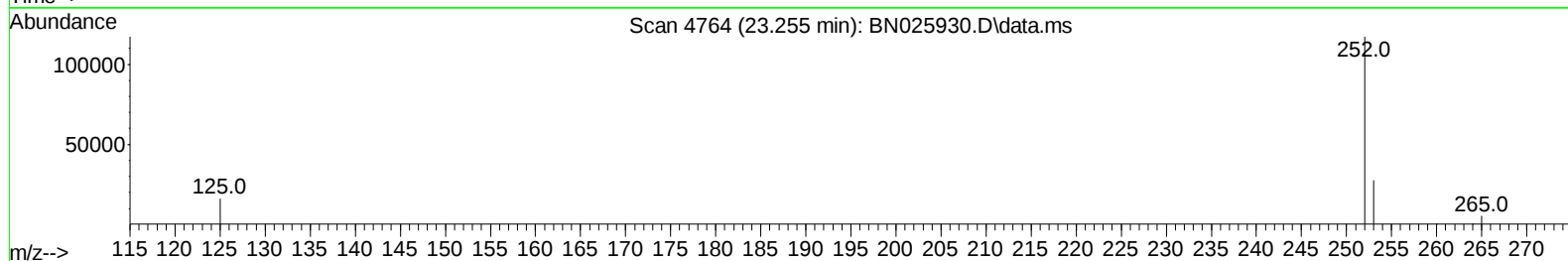
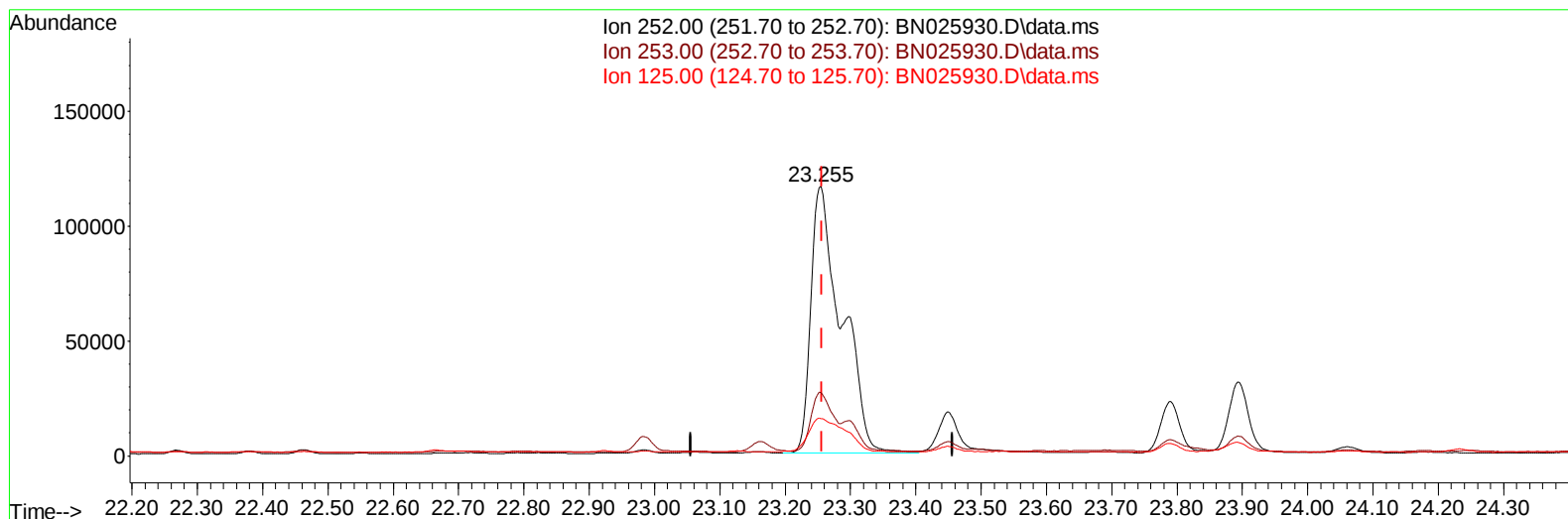
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062223\  
Data File : BN025930.D  
Acq On : 22 Jun 2023 10:47  
Operator : MA/JU  
Sample : 03083-03  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DCFK1

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:02:05 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 06/23/2023  
Supervised By :mohammad ahmed 06/23/2023



TIC: BN025930.D\data.ms

(24) Benzo(b)fluoranthene

23.255min (-0.001) 5.54 ng/u1

response 376477

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.80  | 23.48  |
| 125.00 | 17.90  | 13.91  |
| 0.00   | 0.00   | 0.00   |

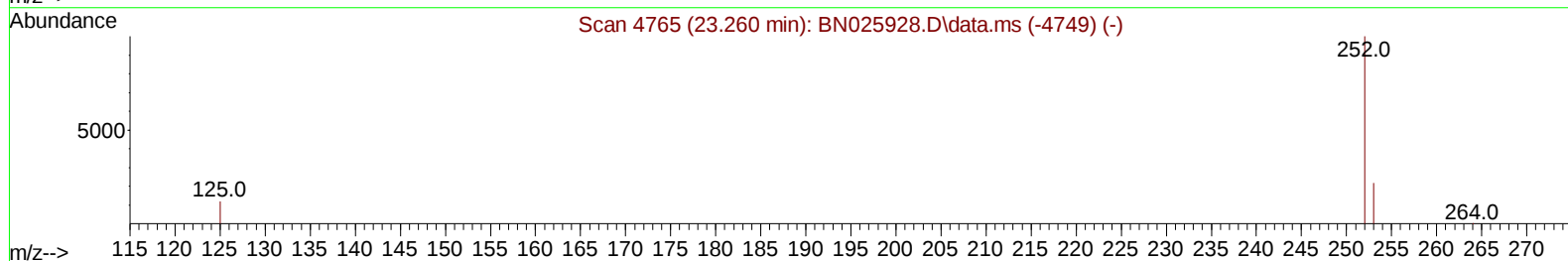
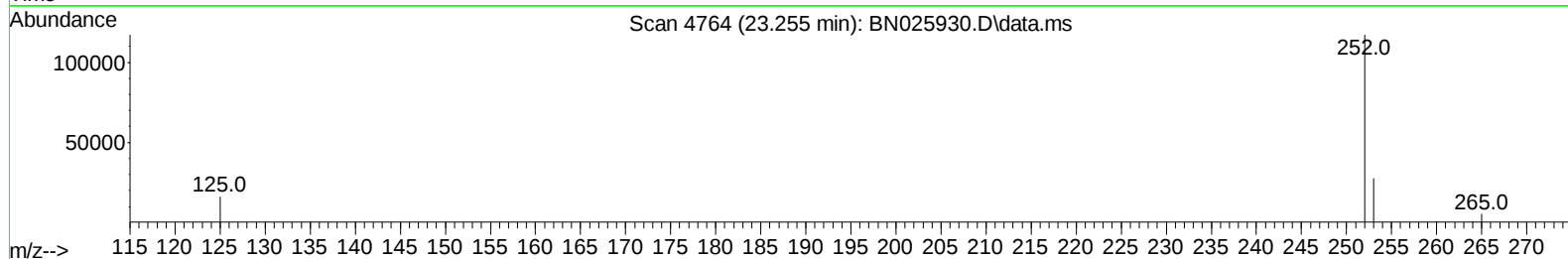
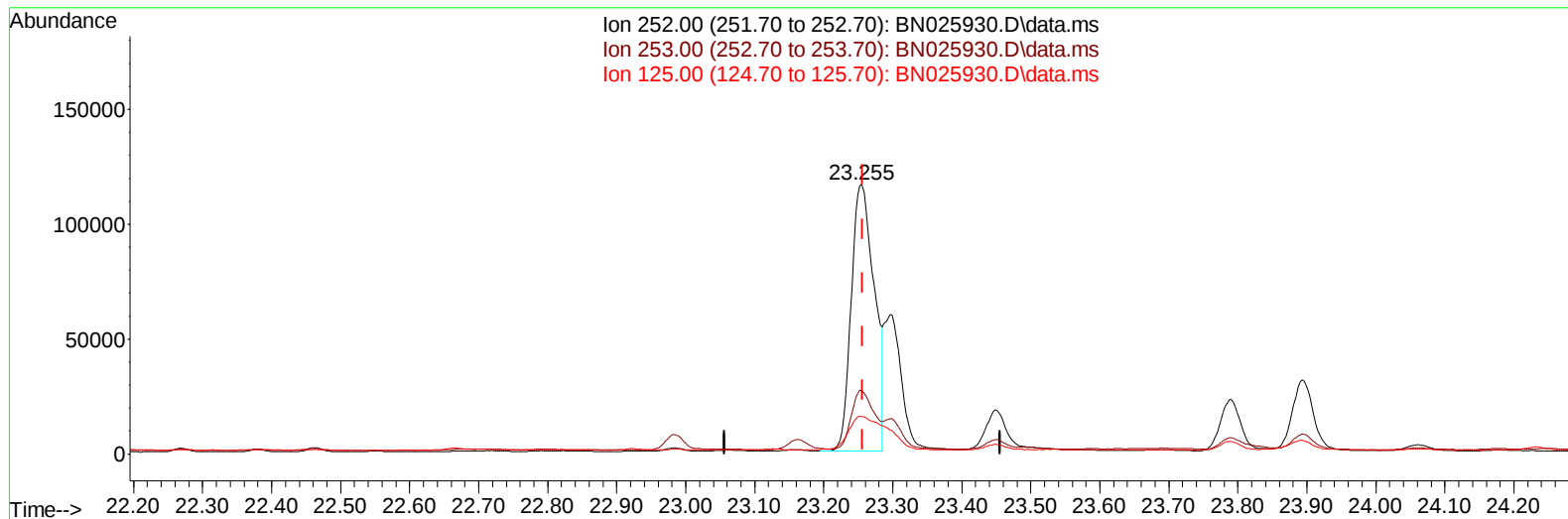
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062223\  
Data File : BN025930.D  
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Operator : MA/JU  
Sample : 03083-03  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_N  
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DCFK1

Manual IntegrationsAPPROVED

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TIC: BN025930.D\data.ms

(24) Benzo(b)fluoranthene

23.255min (-0.001) 3.99 ng/u1 m

response 271188

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.80  | 23.48  |
| 125.00 | 17.90  | 13.91  |
| 0.00   | 0.00   | 0.00   |

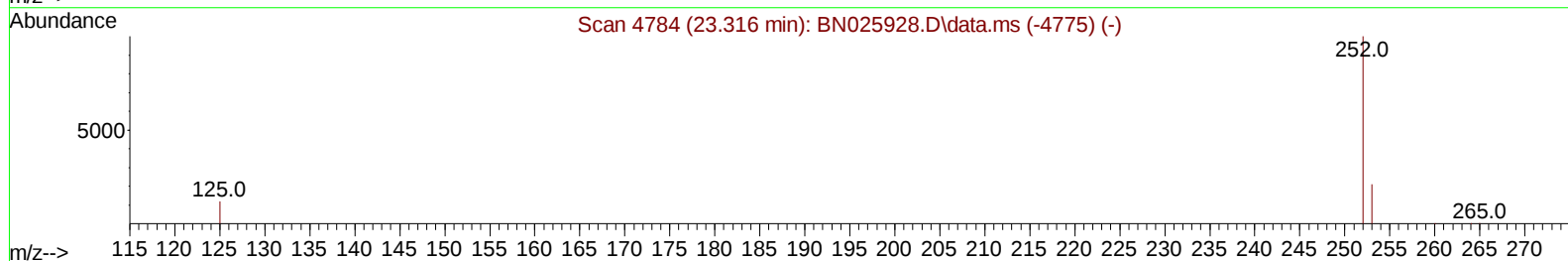
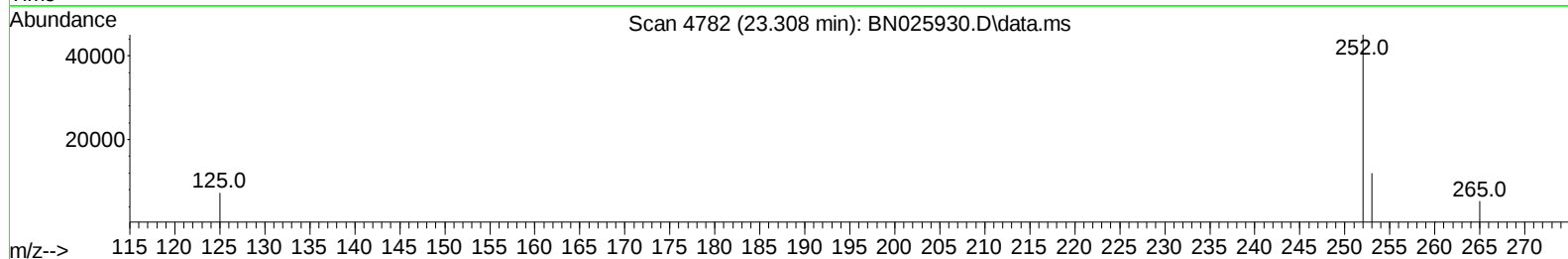
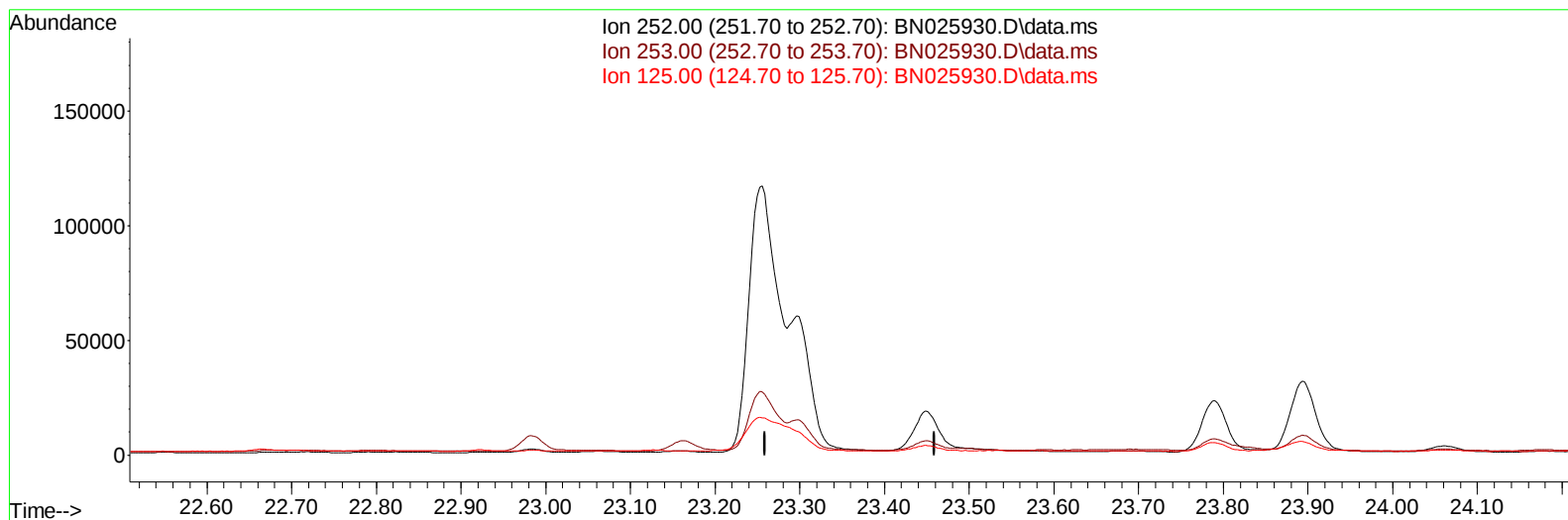
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 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
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 DCFK1

Manual IntegrationsAPPROVED

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TIC: BN025930.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  |

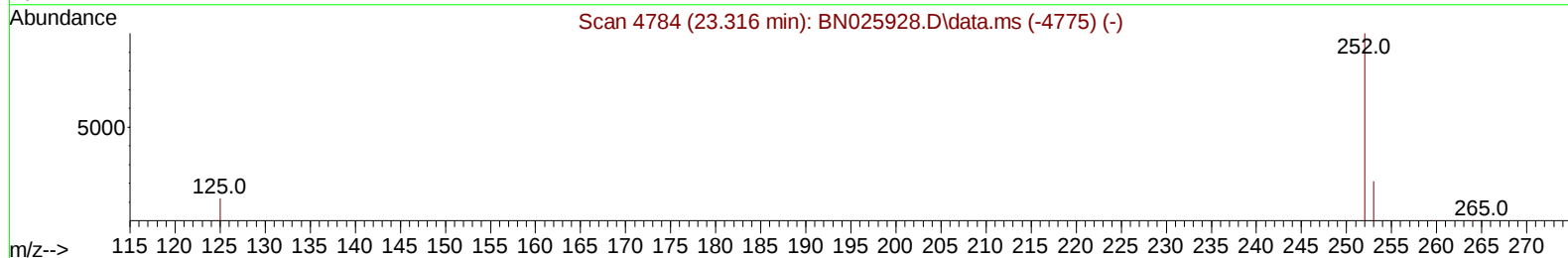
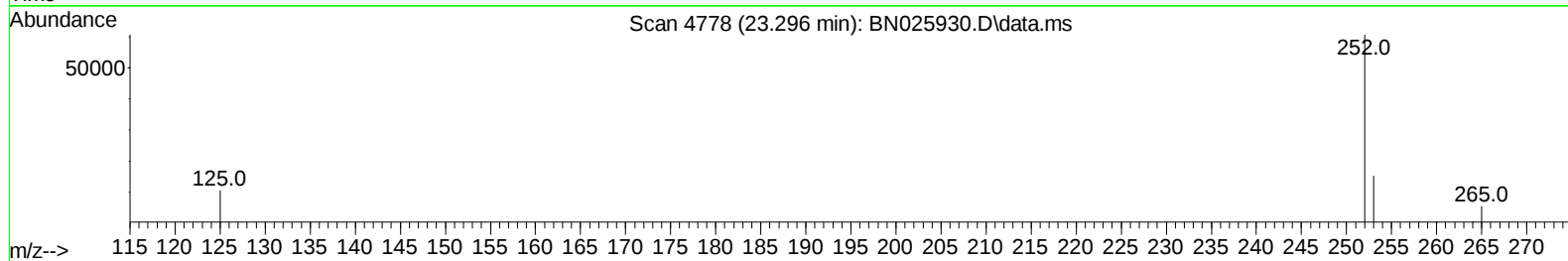
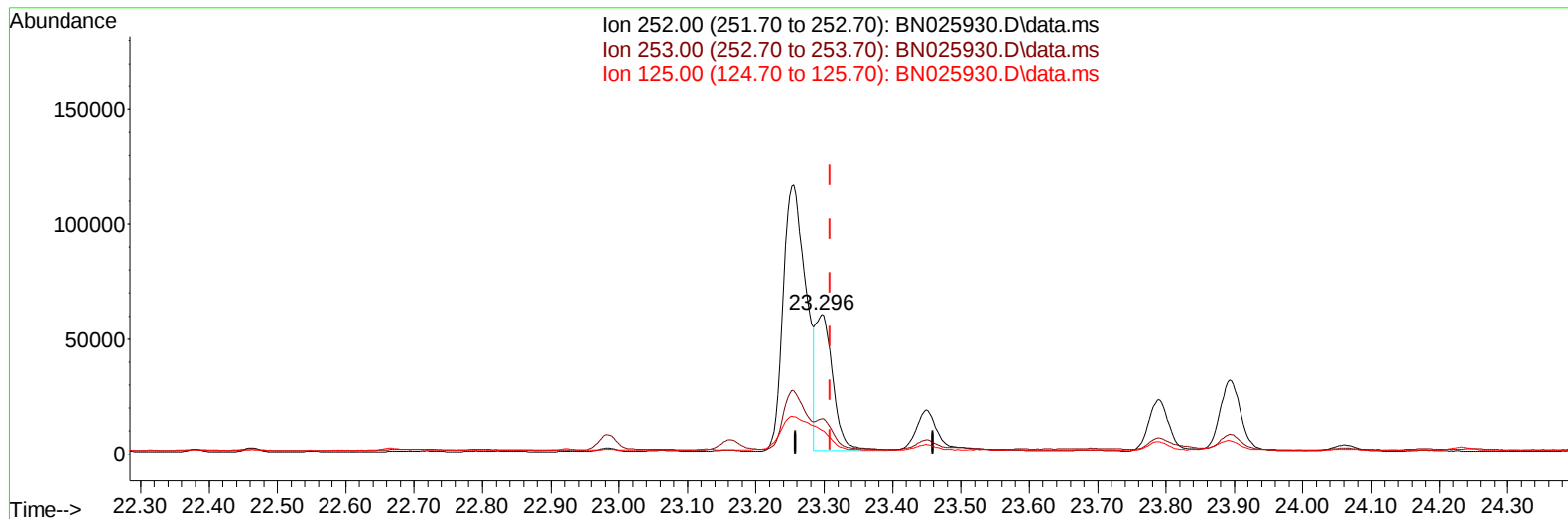
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Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_N  
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Manual IntegrationsAPPROVED

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TIC: BN025930.D\data.ms

(25) Benzo(k)fluoranthene

23.296min (-0.013) 1.51 ng/u1 m

response 103149

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 29.00  | 25.24  |
| 125.00 | 18.70  | 17.30  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062223\  
 Data File : BN025930.D  
 Acq On : 22 Jun 2023 10:47  
 Operator : MA/JU  
 Sample : 03083-03  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFK1

Manual IntegrationsAPPROVED

Quant Time: Jun 23 01:02:05 2023  
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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.980  | 152  | 8020     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.791 | 136  | 24576    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.621 | 164  | 14713    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.363 | 188  | 31114    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.545 | 240  | 20596    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.004 | 264  | 15919    | 0.400 | ng/ul  | -0.02    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.335  | 96   | 11285    | 1.249 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.380 | 152  | 3185     | 0.084 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.386 | 212  | 6844     | 0.087 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.840 | 128  | 47854    | 0.679 | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.452 | 142  | 27417    | 0.611 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.672 | 142  | 20658    | 0.445 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.338 | 152  | 46031    | 0.668 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.681 | 153  | 3960     | 0.070 | ng/ul  | 96       |
| 12) Fluorene                | 15.666 | 166  | 5927     | 0.092 | ng/ul# | 93       |
| 14) Pentachlorophenol       | 17.017 | 266  | 240      | 0.022 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.401 | 178  | 185245   | 1.802 | ng/ul  | 100      |
| 16) Anthracene              | 17.494 | 178  | 27116    | 0.297 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.418 | 202  | 448425   | 4.076 | ng/ul  | 98       |
| 20) Pyrene                  | 19.781 | 202  | 251914   | 2.202 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.531 | 228  | 182683   | 2.150 | ng/ul  | 97       |
| 22) Chrysene                | 21.581 | 228  | 215266   | 2.435 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.255 | 252  | 271188m  | 3.991 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.296 | 252  | 103149m  | 1.512 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.893 | 252  | 66051    | 1.119 | ng/ul  | 91       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.563 | 276  | 70948    | 1.101 | ng/ul# | 93       |
| 28) Dibenzo(a,h)anthracene  | 26.580 | 278  | 29378    | 0.602 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 27.355 | 276  | 3451     | 0.060 | ng/ul# | 56       |
| -----                       |        |      |          |       |        |          |

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

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