

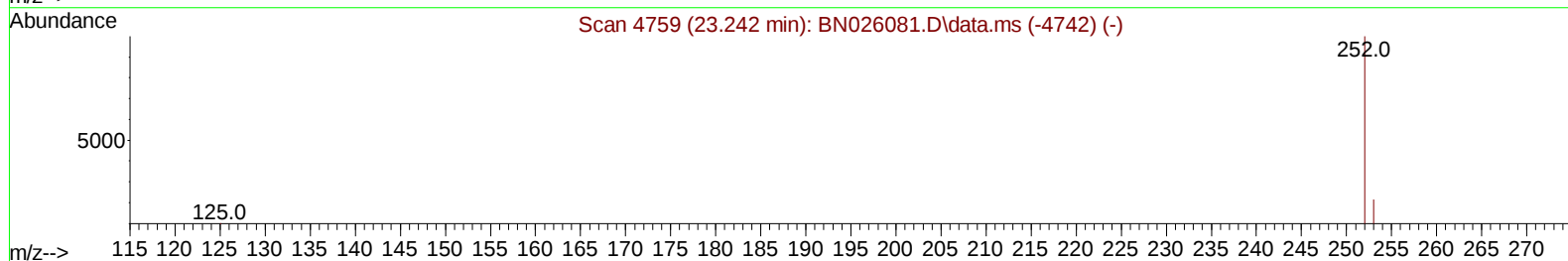
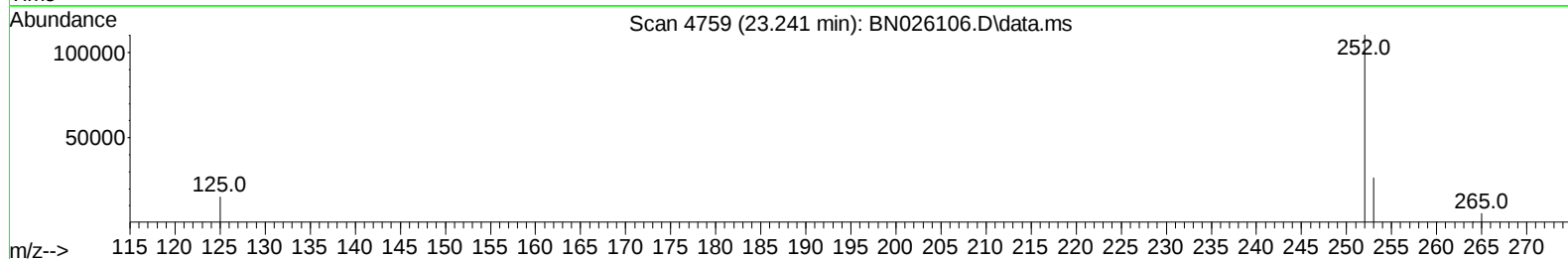
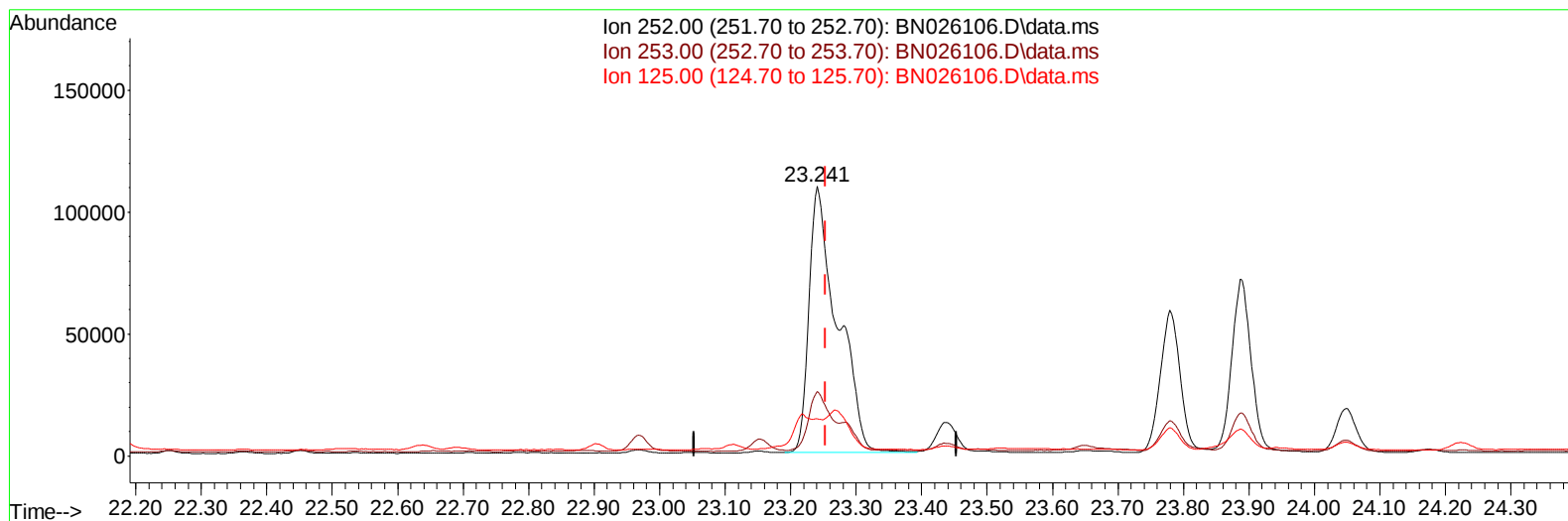
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062923\  
 Data File : BN026106.D  
 Acq On : 29 Jun 2023 22:10  
 Operator : MA/JU  
 Sample : 03143-18  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFV5

Manual IntegrationsAPPROVED

Quant Time: Jun 30 00:46:01 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 : Wed Jun 28 22:47:20 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/30/2023  
 Supervised By :mohammad ahmed 06/30/2023



TIC: BN026106.D\data.ms

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

23.241min (-0.012) 4.80 ng/u1

response 328749

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.80  | 23.99  |
| 125.00 | 17.90  | 13.91  |
| 0.00   | 0.00   | 0.00   |

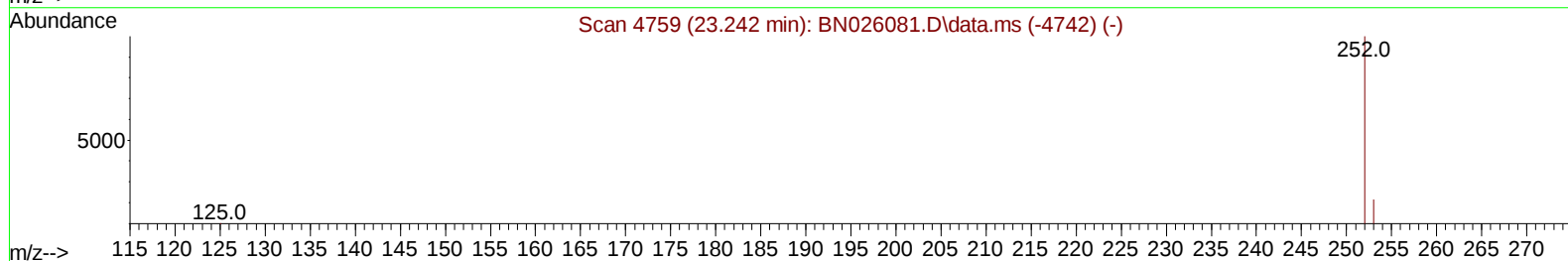
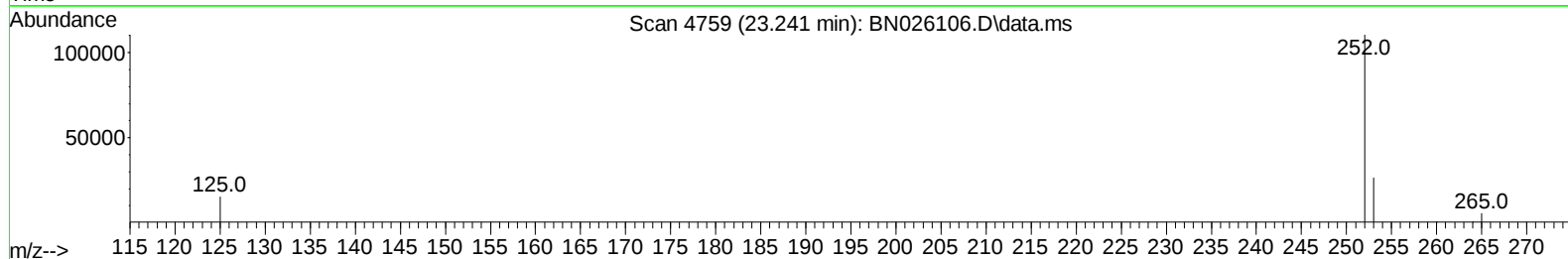
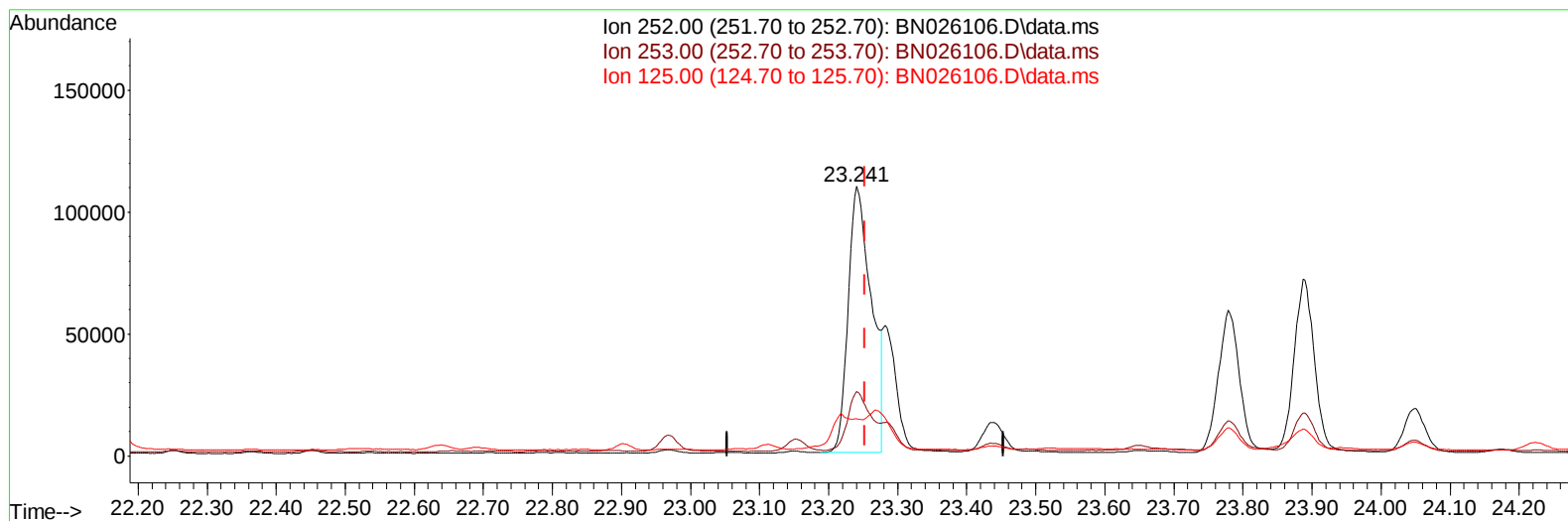
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TIC: BN026106.D\data.ms

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

23.241min (-0.012) 3.72 ng/ul m

response 255046

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.80  | 23.99  |
| 125.00 | 17.90  | 13.91  |
| 0.00   | 0.00   | 0.00   |

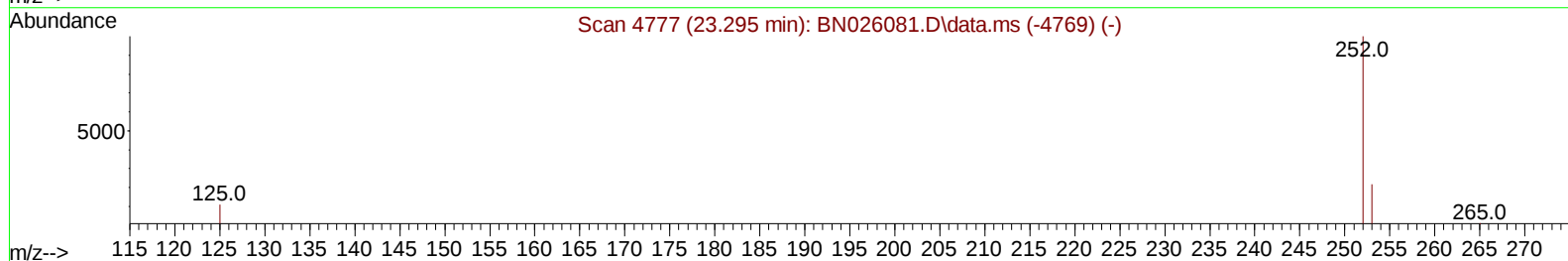
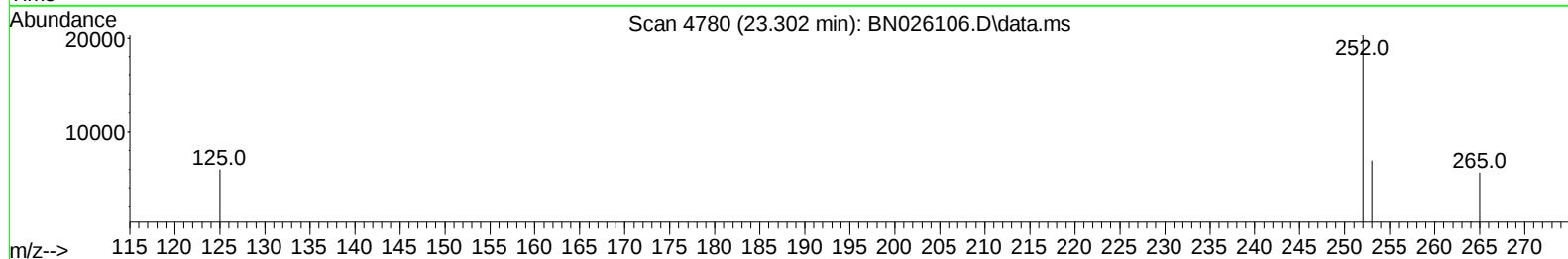
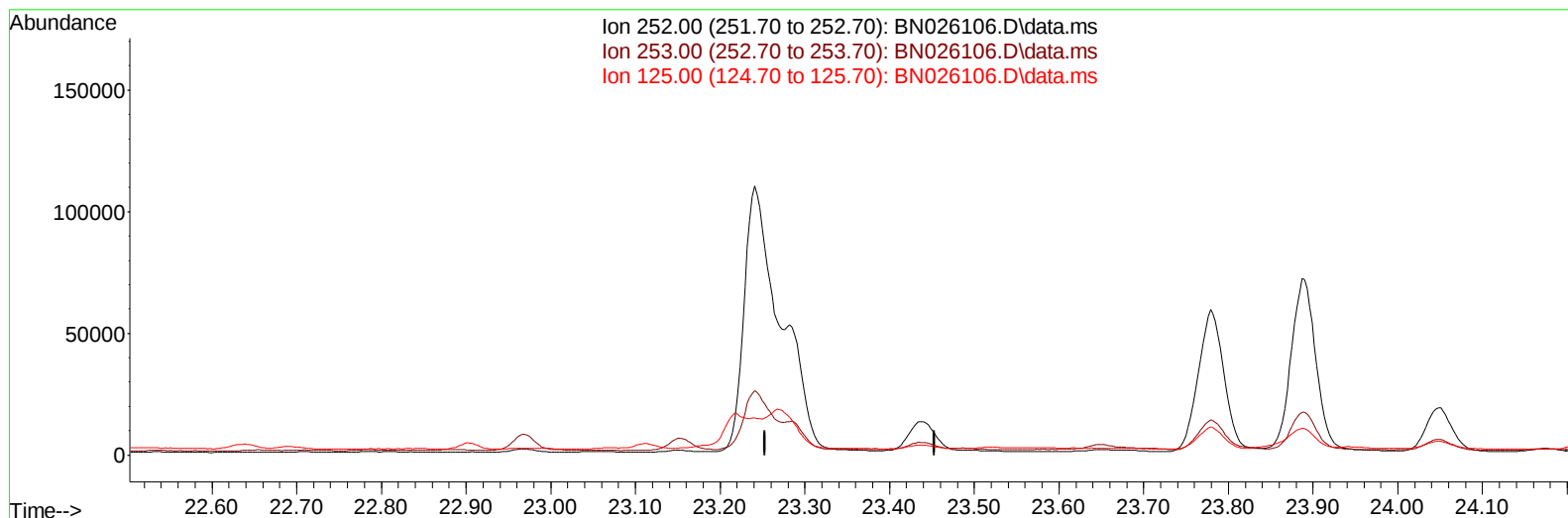
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062923\  
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 Sample : 03143-18  
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 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BN026106.D\data.ms

(25) Benzo(k)fluoranthene

23.303min (-23.303) 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  |

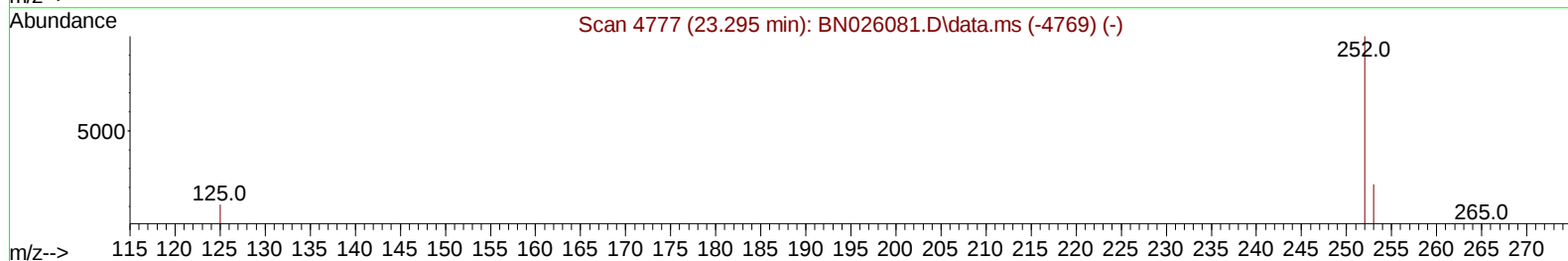
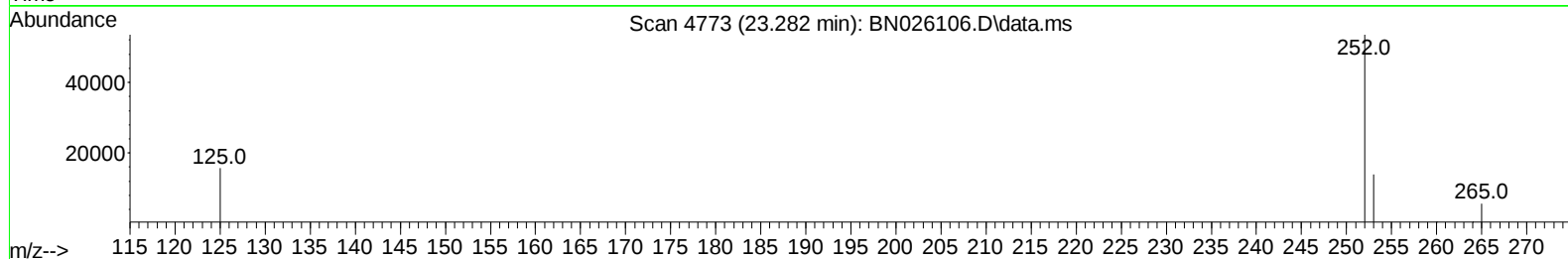
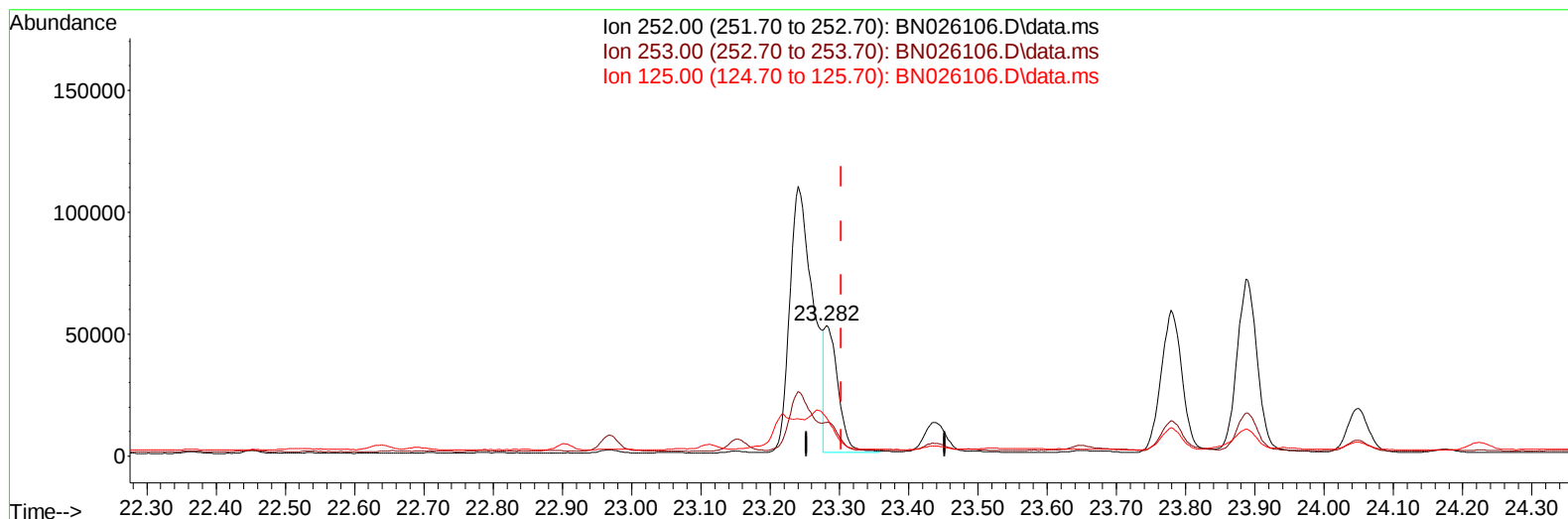
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 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BN026106.D\data.ms

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

23.282min (-0.021) 1.05 ng/ul m

response 72071

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 29.00  | 25.87  |
| 125.00 | 18.70  | 29.28# |
| 0.00   | 0.00   | 0.00   |

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 Data File : BN026106.D  
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 Operator : MA/JU  
 Sample : 03143-18  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFV5

## Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 06/30/2023

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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.963  | 152  | 7774     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.774 | 136  | 25426    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.602 | 164  | 15268    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.351 | 188  | 31050    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.534 | 240  | 17089    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.995 | 264  | 16054    | 0.400 | ng/ul  | -0.02    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.322  | 96   | 17416    | 1.989 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.364 | 152  | 5329     | 0.136 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.376 | 212  | 10072    | 0.155 | ng/ul  | -0.01    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.824 | 128  | 10040    | 0.138 | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 12.435 | 142  | 6638     | 0.143 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.655 | 142  | 5085     | 0.106 | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.325 | 152  | 15401    | 0.215 | ng/ul  | 97       |
| 11) Acenaphthene            | 14.667 | 153  | 5796     | 0.099 | ng/ul  | 98       |
| 12) Fluorene                | 15.652 | 166  | 5310     | 0.079 | ng/ul# | 98       |
| 15) Phenanthrene            | 17.393 | 178  | 148179   | 1.445 | ng/ul  | 99       |
| 16) Anthracene              | 17.481 | 178  | 23292    | 0.256 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.409 | 202  | 422937   | 4.634 | ng/ul  | 97       |
| 20) Pyrene                  | 19.767 | 202  | 338494   | 3.565 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.516 | 228  | 144197   | 2.045 | ng/ul  | 97       |
| 22) Chrysene                | 21.572 | 228  | 174596   | 2.380 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.241 | 252  | 255046m  | 3.722 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.282 | 252  | 72071m   | 1.047 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.887 | 252  | 144789   | 2.433 | ng/ul# | 86       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.573 | 276  | 129013   | 1.985 | ng/ul# | 86       |
| 28) Dibenzo(a,h)anthracene  | 26.590 | 278  | 29849    | 0.607 | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 27.375 | 276  | 117638   | 2.034 | ng/ul  | 96       |
| -----                       |        |      |          |       |        |          |

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

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