

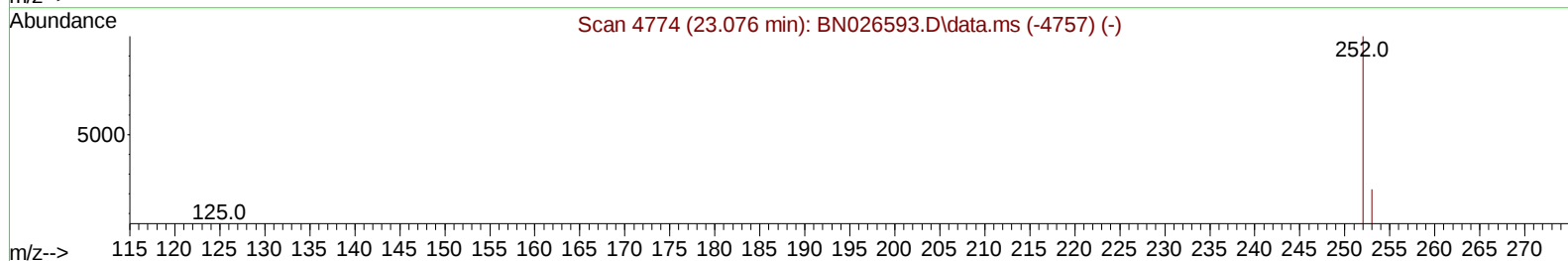
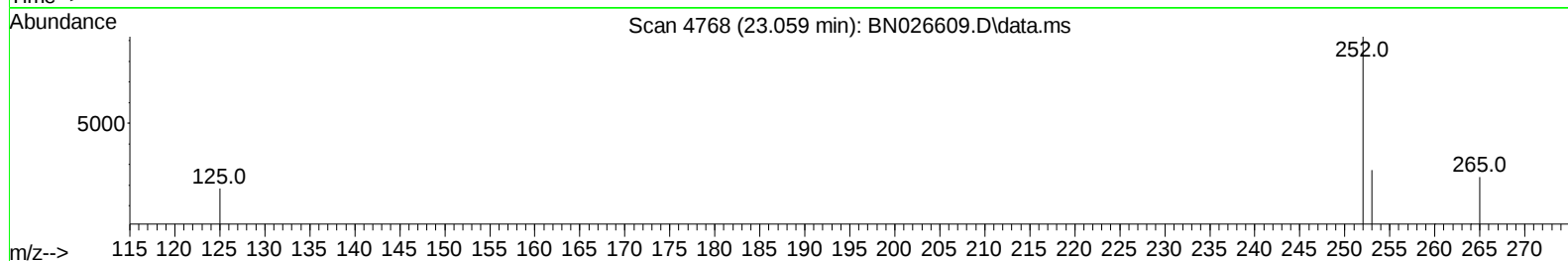
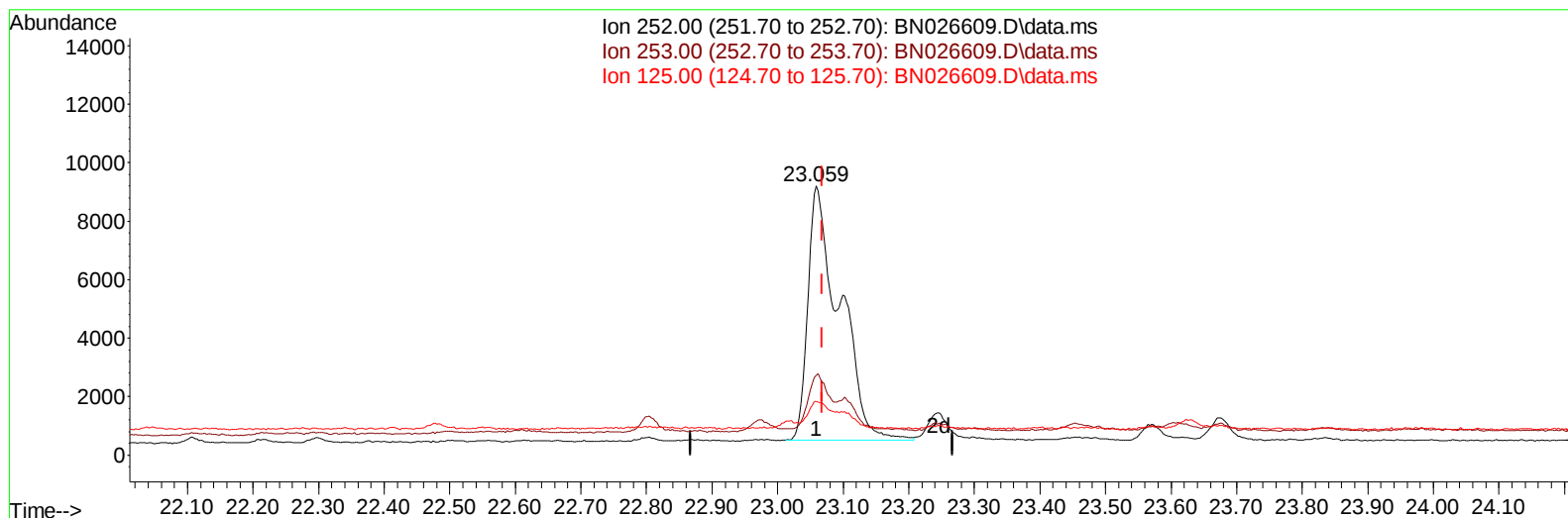
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072023\  
 Data File : BN026609.D  
 Acq On : 21 Jul 2023 02:18  
 Operator : MA/JU  
 Sample : 03501-11DL 5X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A46X6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 21 03:42:41 2023  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN071223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 20 22:32:26 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/21/2023  
 Supervised By :mohammad ahmed 07/21/2023



TIC: BN026609.D\data.ms

(24) Benzo(b)fluoranthene

23.059min (-0.009) 0.68 ng/u1

response 29278

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 34.30  | 29.60  |
| 125.00 | 17.00  | 19.98  |
| 0.00   | 0.00   | 0.00   |

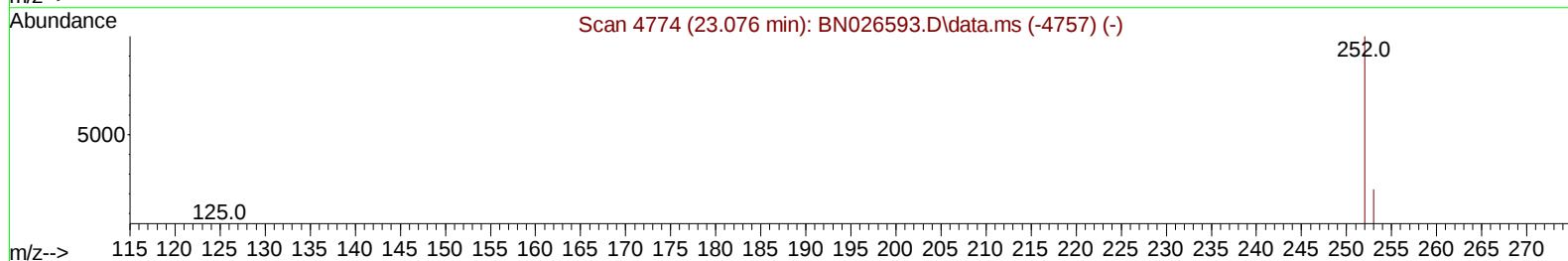
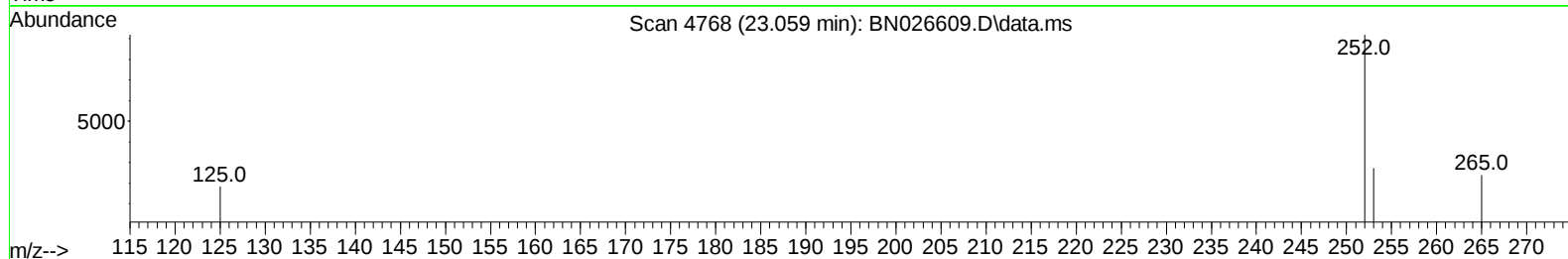
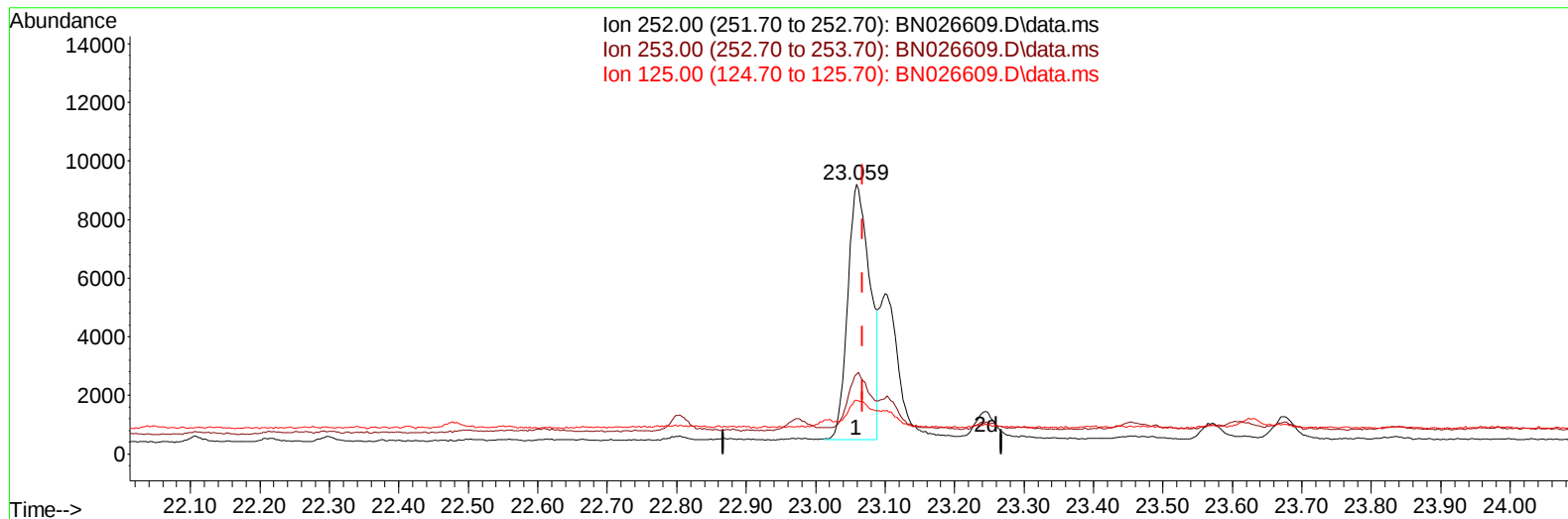
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Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BN026609.D\data.ms

(24) Benzo(b)fluoranthene

23.059min (-0.009) 0.45 ng/u1 m

response 19450

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 34.30  | 29.60  |
| 125.00 | 17.00  | 19.98  |
| 0.00   | 0.00   | 0.00   |

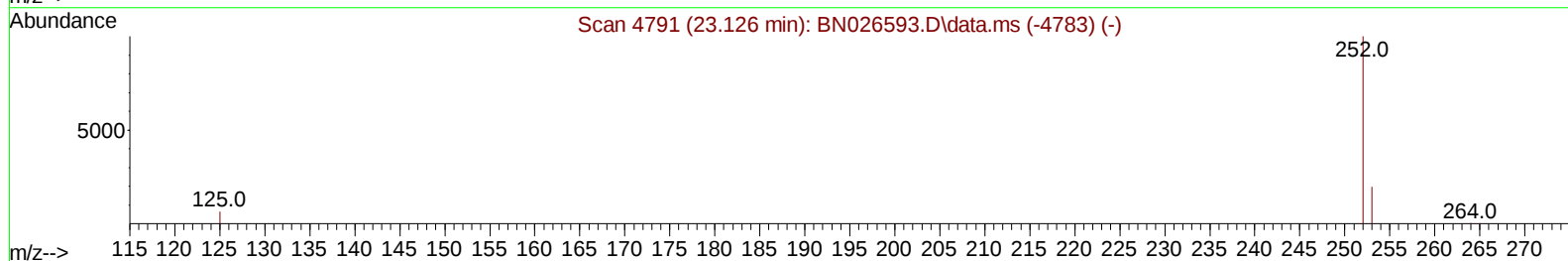
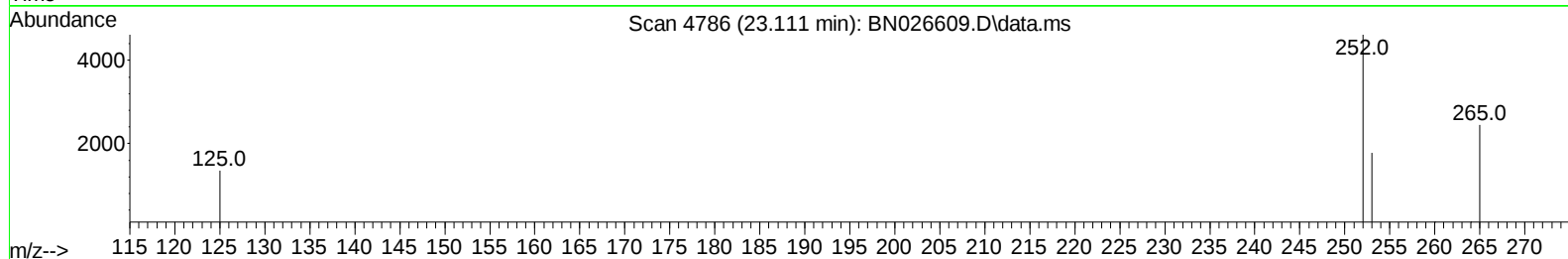
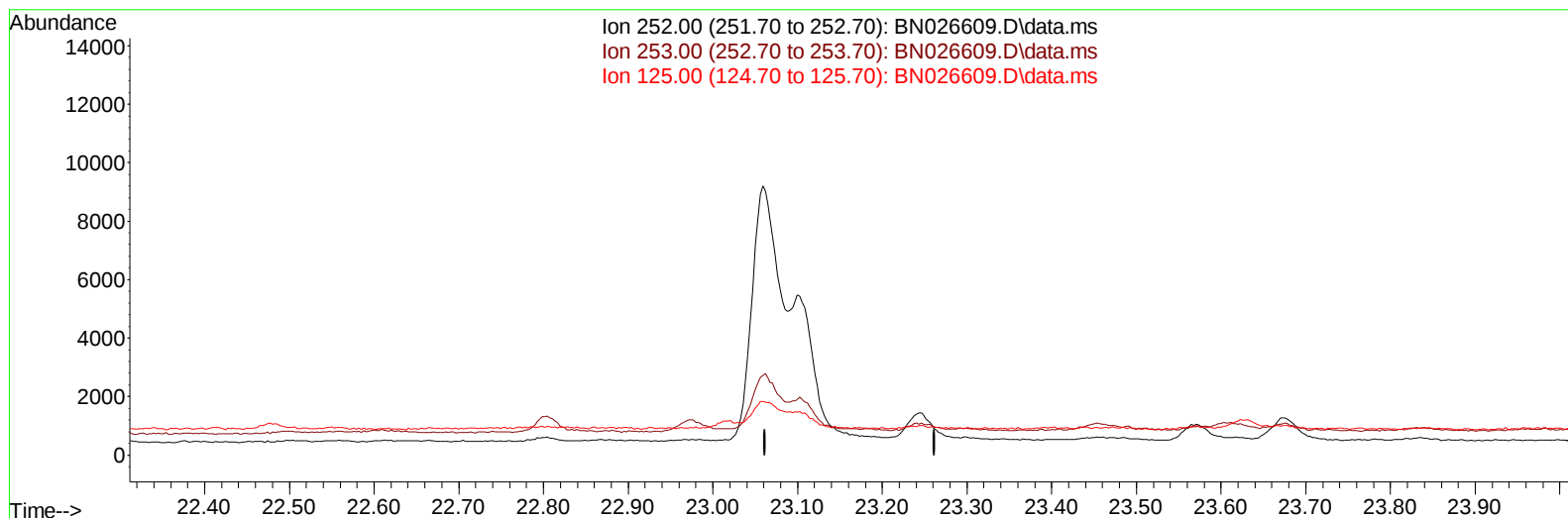
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 Sample : 03501-11DL 5X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
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 A46X6DL

Manual IntegrationsAPPROVED

Quant Time: Jul 21 03:42:41 2023  
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TIC: BN026609.D\data.ms

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

23.112min (-23.112) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 34.00  | 0.00# |
| 125.00 | 16.80  | 0.00# |
| 0.00   | 0.00   | 0.00  |

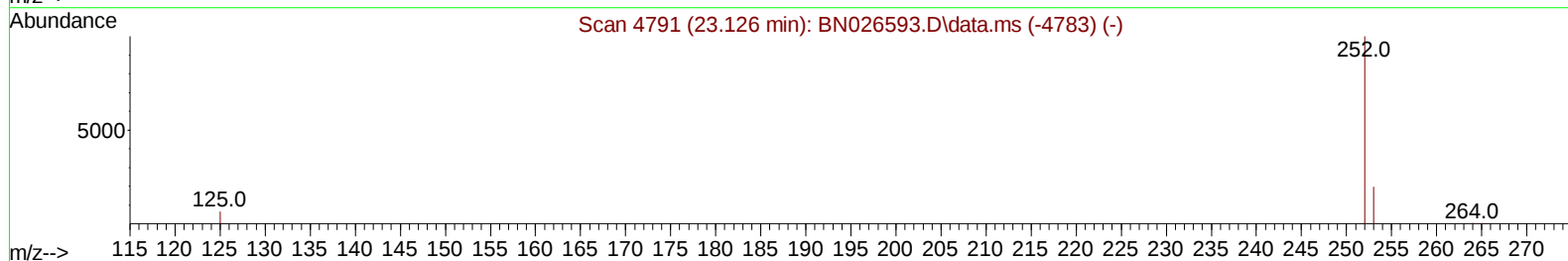
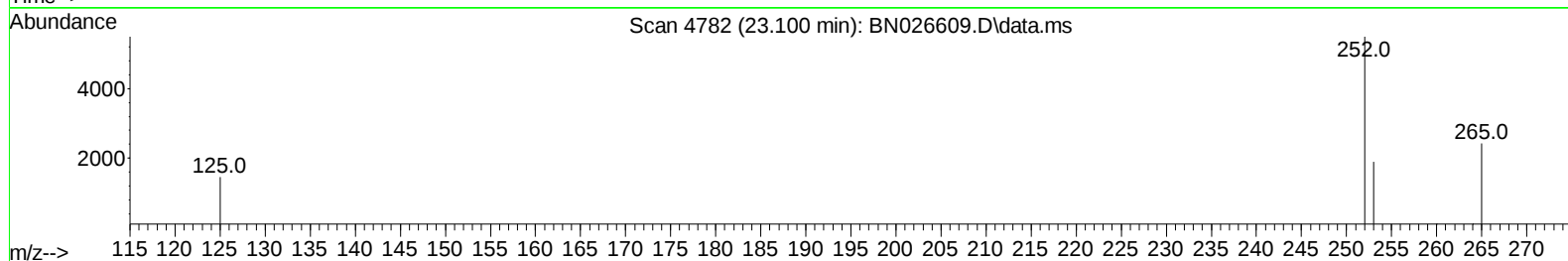
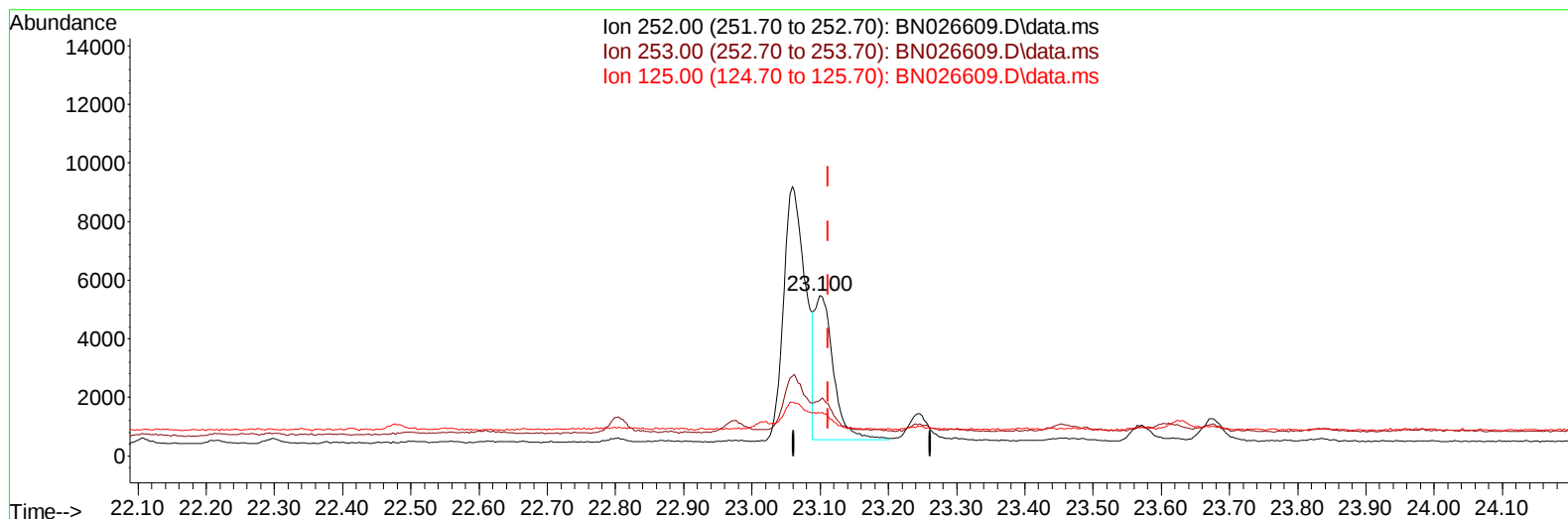
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 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BN026609.D\data.ms

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

23.100min (-0.012) 0.21 ng/ul m

response 9597

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 34.00  | 34.72  |
| 125.00 | 16.80  | 26.59# |
| 0.00   | 0.00   | 0.00   |

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 Sample : 03501-11DL 5X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A46X6DL

## Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 07/21/2023

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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.840  | 152  | 2176     | 0.400 | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 10.641 | 136  | 7348     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.471 | 164  | 4793     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.219 | 188  | 13324    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.411 | 240  | 11257    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.781 | 264  | 11133    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.203  | 96   | 1295     | 0.452 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.242 | 152  | 645      | 0.065 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.250 | 212  | 2034     | 0.052 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.685 | 128  | 519      | 0.026 | ng/ul# | 57       |
| 10) Acenaphthylene          | 14.194 | 152  | 996      | 0.042 | ng/ul# | 75       |
| 11) Acenaphthene            | 14.536 | 153  | 865      | 0.048 | ng/ul  | 96       |
| 12) Fluorene                | 15.522 | 166  | 1445     | 0.077 | ng/ul# | 98       |
| 15) Phenanthrene            | 17.261 | 178  | 21418    | 0.505 | ng/ul  | 98       |
| 16) Anthracene              | 17.350 | 178  | 3809     | 0.103 | ng/ul# | 93       |
| 19) Fluoranthene            | 19.278 | 202  | 41087    | 0.779 | ng/ul  | 98       |
| 20) Pyrene                  | 19.641 | 202  | 12263    | 0.214 | ng/ul# | 94       |
| 21) Benzo(a)anthracene      | 21.393 | 228  | 19498    | 0.471 | ng/ul  | 99       |
| 22) Chrysene                | 21.446 | 228  | 16951    | 0.360 | ng/ul  | 95       |
| 24) Benzo(b)fluoranthene    | 23.059 | 252  | 19450m   | 0.448 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.100 | 252  | 9597m    | 0.211 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.673 | 252  | 1753     | 0.045 | ng/ul# | 15       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.237 | 276  | 2676     | 0.053 | ng/ul# | 95       |
| 28) Dibenzo(a,h)anthracene  | 26.237 | 278  | 2332     | 0.060 | ng/ul# | 45       |
| -----                       |        |      |          |       |        |          |

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

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