

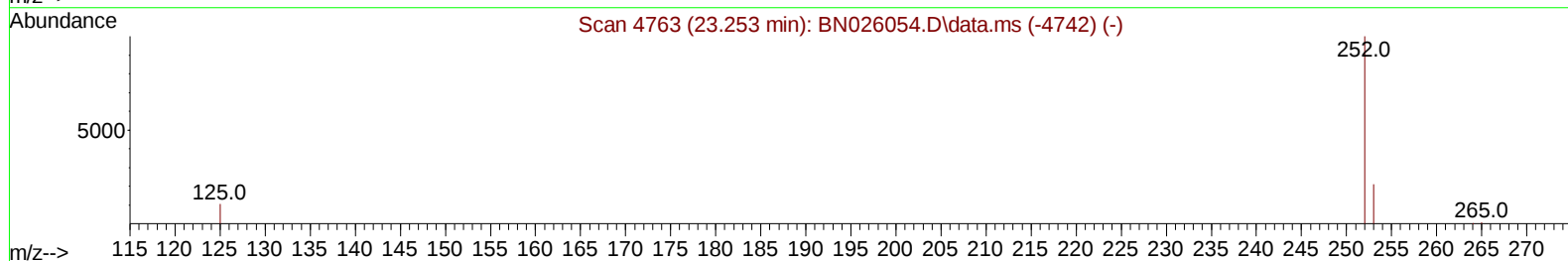
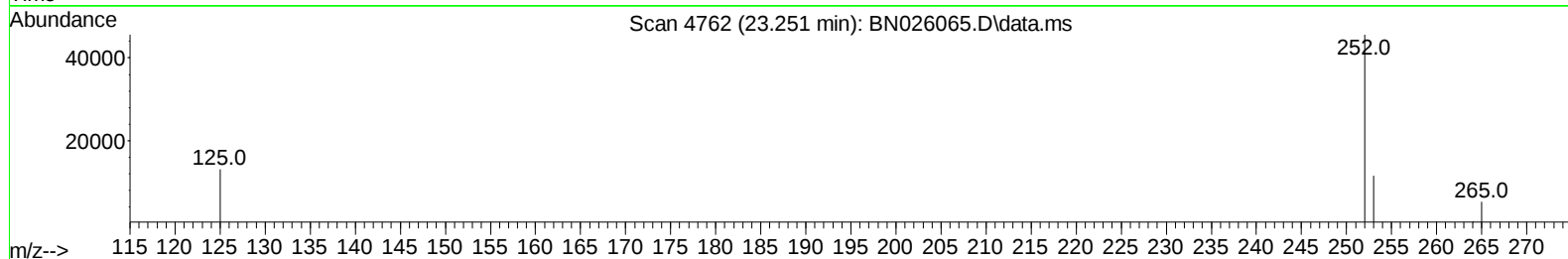
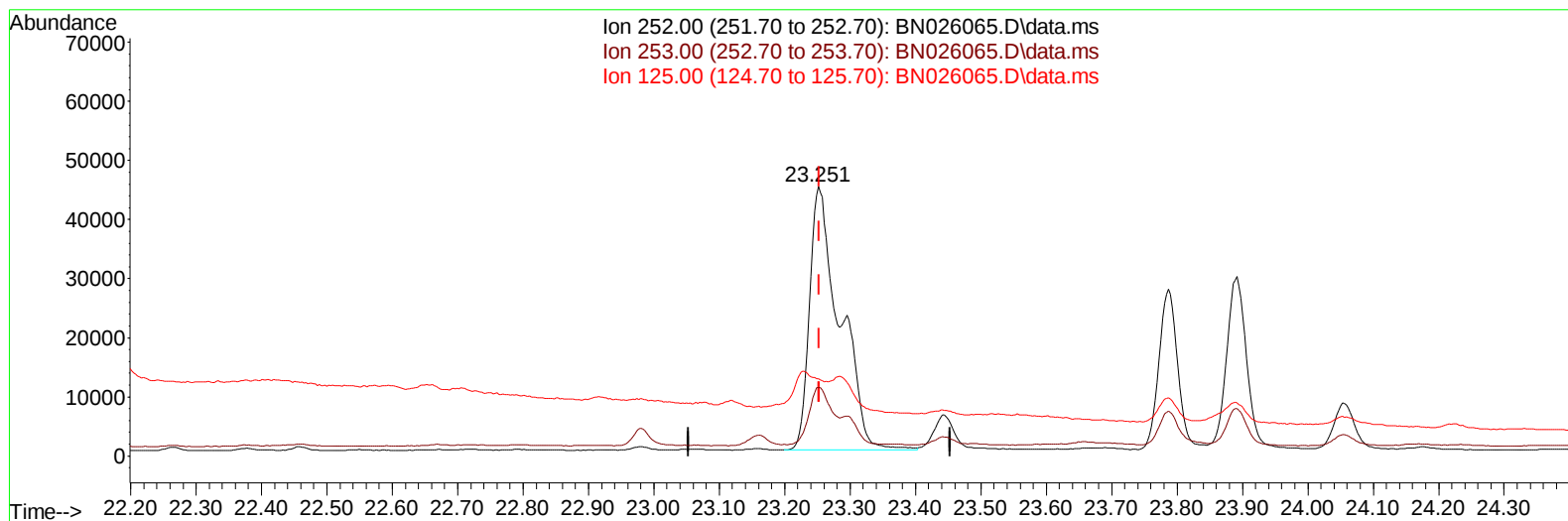
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062923\  
Data File : BN026065.D  
Acq On : 28 Jun 2023 19:16  
Operator : MA/JU  
Sample : 03142-18  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DCFT5

Manual IntegrationsAPPROVED

Quant Time: Jun 28 23:15:59 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 06/29/2023  
Supervised By :mohammad ahmed 06/30/2023



TIC: BN026065.D\data.ms

(24) Benzo(b)fluoranthene

23.251min (-0.002) 1.94 ng/u1

response 144595

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.80  | 25.44  |
| 125.00 | 17.90  | 28.64  |
| 0.00   | 0.00   | 0.00   |

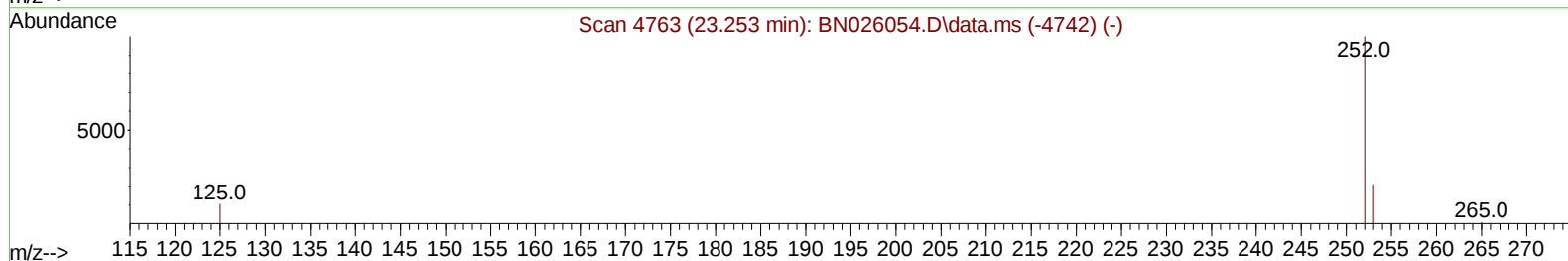
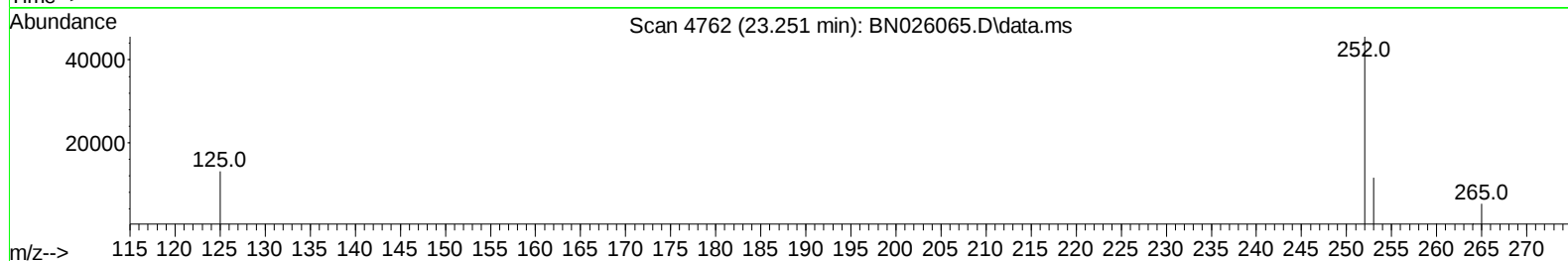
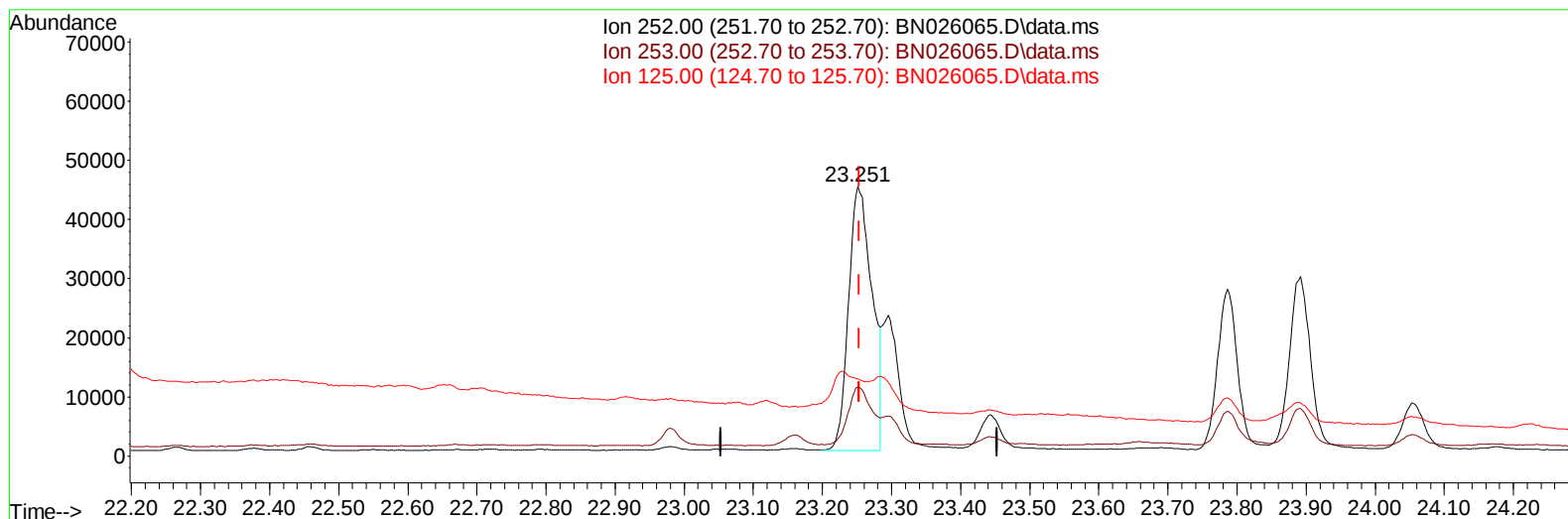
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062923\  
Data File : BN026065.D  
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Instrument :  
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## Manual IntegrationsAPPROVED

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## (24) Benzo(b)fluoranthene

23.251min (-0.002) 1.42 ng/u1 m

response 106004

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.80  | 25.44  |
| 125.00 | 17.90  | 28.64  |
| 0.00   | 0.00   | 0.00   |

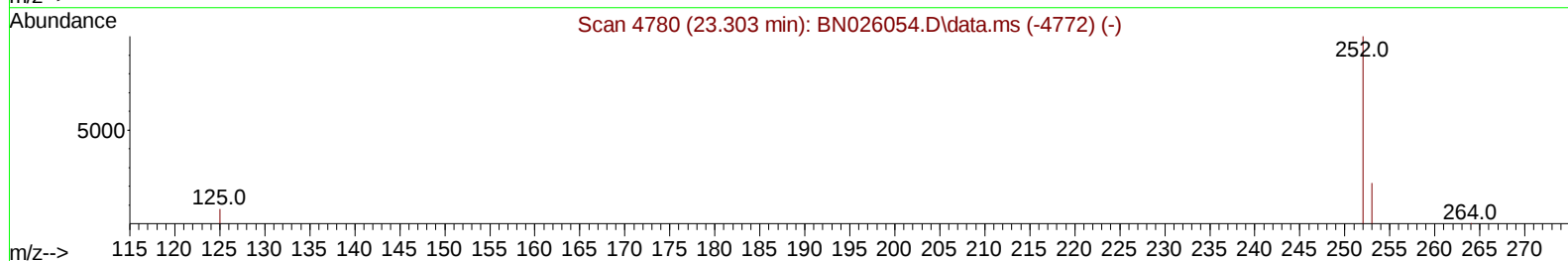
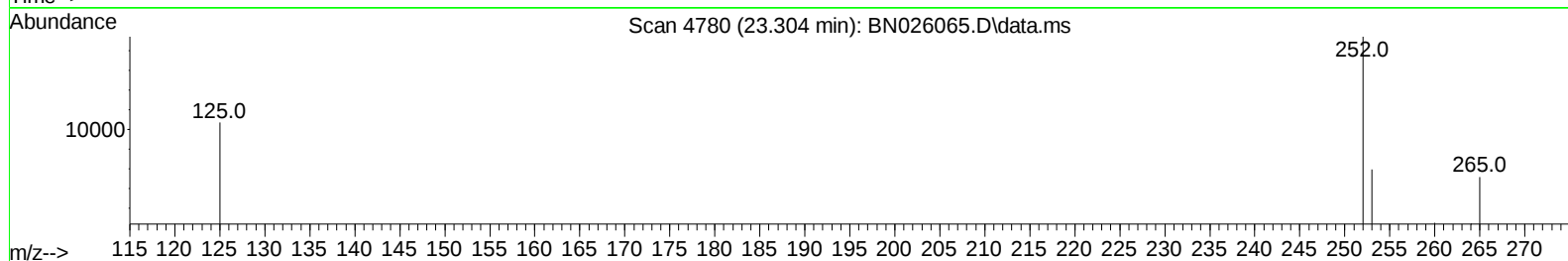
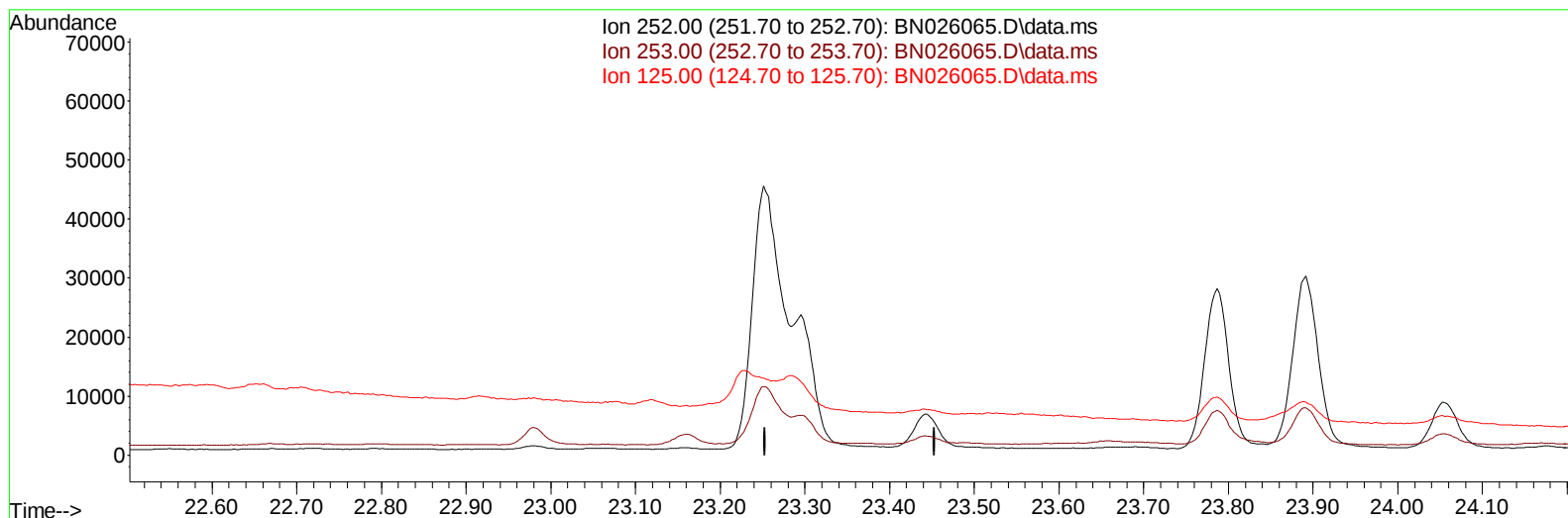
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062923\  
 Data File : BN026065.D  
 Acq On : 28 Jun 2023 19:16  
 Operator : MA/JU  
 Sample : 03142-18  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
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Manual IntegrationsAPPROVED

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TIC: BN026065.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  |

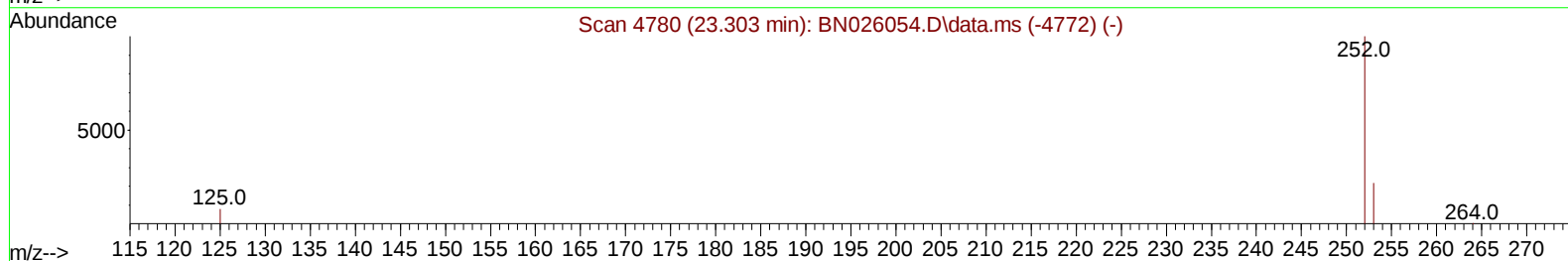
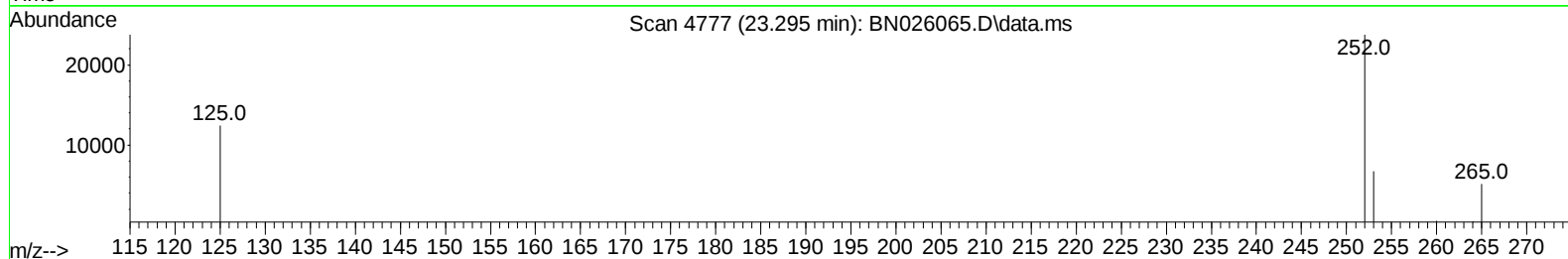
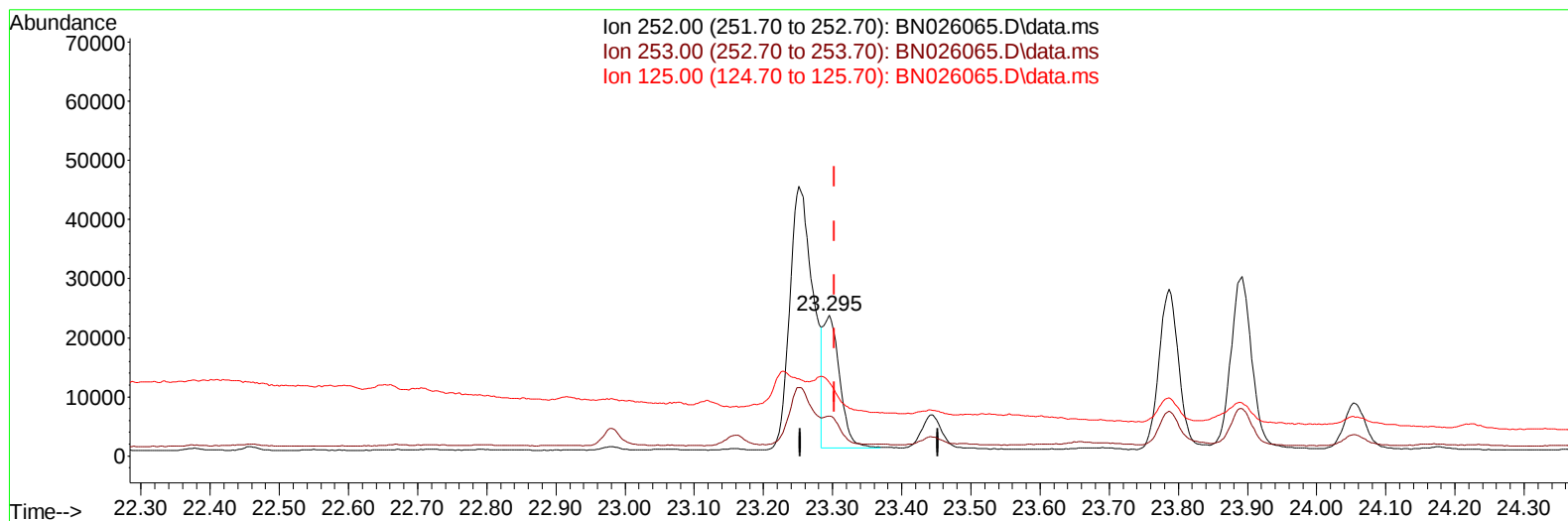
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 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
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Manual IntegrationsAPPROVED

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TIC: BN026065.D\data.ms

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

23.295min (-0.008) 0.49 ng/u1 m

response 36863

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 29.00  | 28.39  |
| 125.00 | 18.70  | 52.32# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062923\  
 Data File : BN026065.D  
 Acq On : 28 Jun 2023 19:16  
 Operator : MA/JU  
 Sample : 03142-18  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DCFT5

## Manual IntegrationsAPPROVED

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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.968  | 152  | 7970     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.781 | 136  | 26001    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.608 | 164  | 15704    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.356 | 188  | 33029    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.544 | 240  | 19635    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 24.000 | 264  | 17444    | 0.400 | ng/ul  | -0.01    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.327  | 96   | 6918     | 0.771 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.371 | 152  | 2120     | 0.053 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.383 | 212  | 4681     | 0.063 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.831 | 128  | 6982     | 0.094 | ng/ul# | 95       |
| 7) 2-Methylnaphthalene      | 12.442 | 142  | 4424     | 0.093 | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.662 | 142  | 3239     | 0.066 | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.331 | 152  | 4047     | 0.055 | ng/ul# | 91       |
| 11) Acenaphthene            | 14.668 | 153  | 5031     | 0.084 | ng/ul  | 99       |
| 12) Fluorene                | 15.654 | 166  | 3920     | 0.057 | ng/ul# | 96       |
| 15) Phenanthrene            | 17.394 | 178  | 84590    | 0.775 | ng/ul  | 100      |
| 16) Anthracene              | 17.487 | 178  | 16038    | 0.165 | ng/ul  | 95       |
| 19) Fluoranthene            | 19.411 | 202  | 196172   | 1.871 | ng/ul  | 98       |
| 20) Pyrene                  | 19.773 | 202  | 164887   | 1.512 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.527 | 228  | 71649    | 0.885 | ng/ul  | 97       |
| 22) Chrysene                | 21.580 | 228  | 85498    | 1.014 | ng/ul# | 95       |
| 24) Benzo(b)fluoranthene    | 23.251 | 252  | 106004m  | 1.424 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.295 | 252  | 36863m   | 0.493 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.892 | 252  | 61881    | 0.957 | ng/ul# | 87       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.558 | 276  | 47934    | 0.679 | ng/ul# | 87       |
| 28) Dibenzo(a,h)anthracene  | 26.572 | 278  | 11598    | 0.217 | ng/ul# | 79       |
| 29) Benzo(g,h,i)perylene    | 27.353 | 276  | 49414    | 0.786 | ng/ul  | 98       |
| -----                       |        |      |          |       |        |          |

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

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