

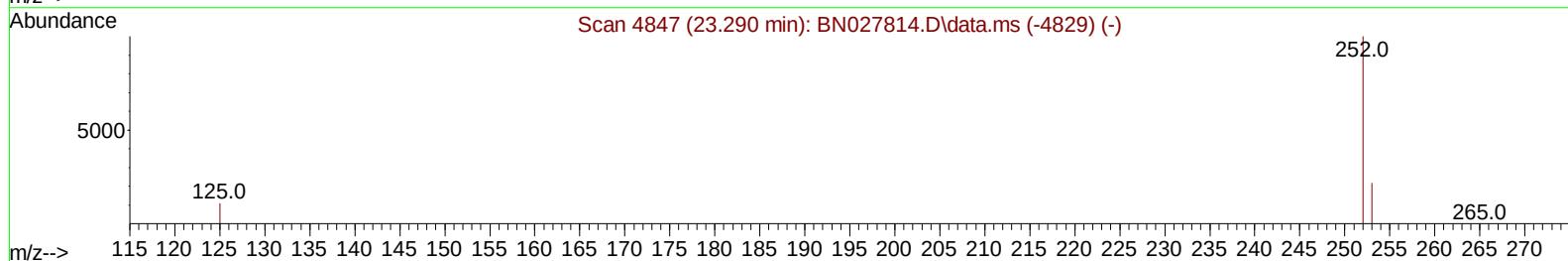
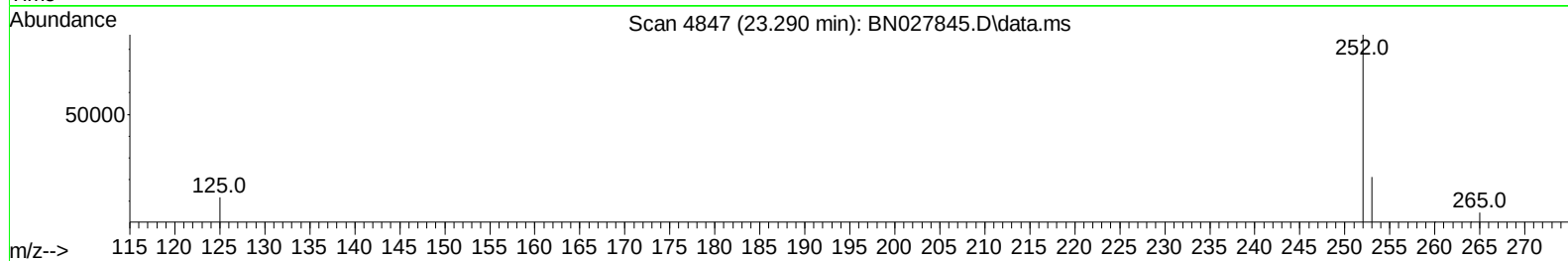
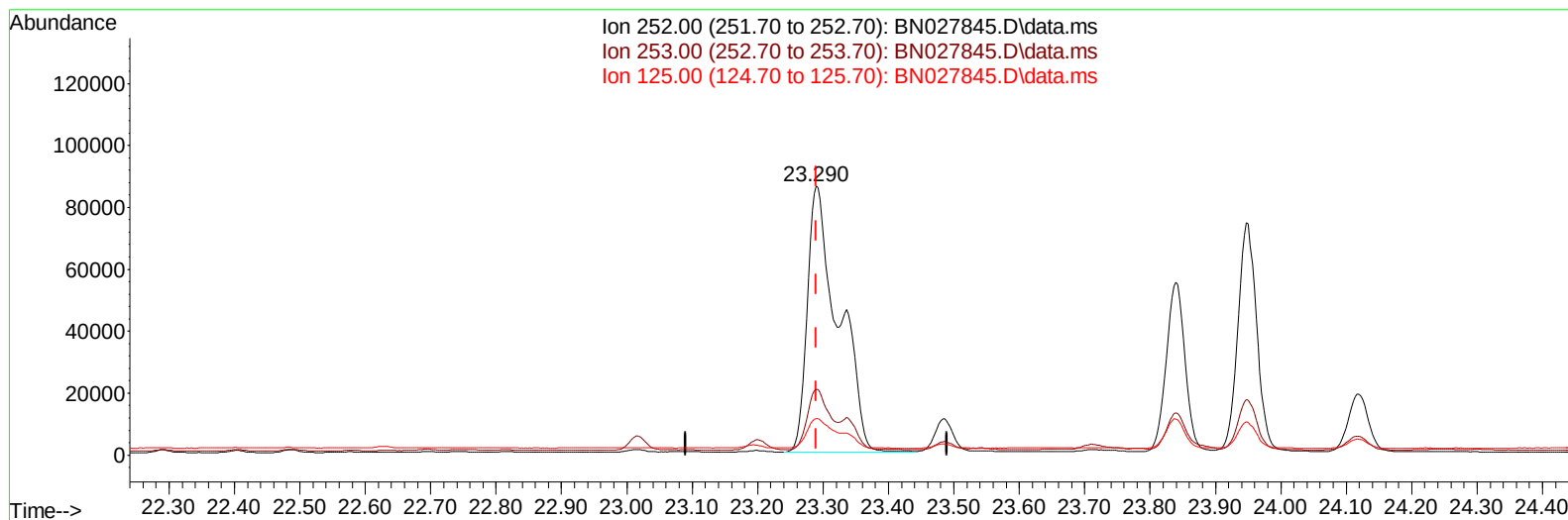
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092223\  
Data File : BN027845.D  
Acq On : 23 Sep 2023 04:18  
Operator : MA/JU  
Sample : 04330-19DL 5X  
Misc :  
ALS Vial : 65 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
EZY4DL

Manual IntegrationsAPPROVED

Quant Time: Sep 23 04:55:44 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-SIM-BN091523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 22 03:58:00 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/25/2023  
Supervised By :mohammad ahmed 09/25/2023



TIC: BN027845.D\data.ms

(24) Benzo(b)fluoranthene

23.290min (-0.000) 2.91 ng/u1

response 283009

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.10  | 24.38  |
| 125.00 | 15.70  | 13.60  |
| 0.00   | 0.00   | 0.00   |

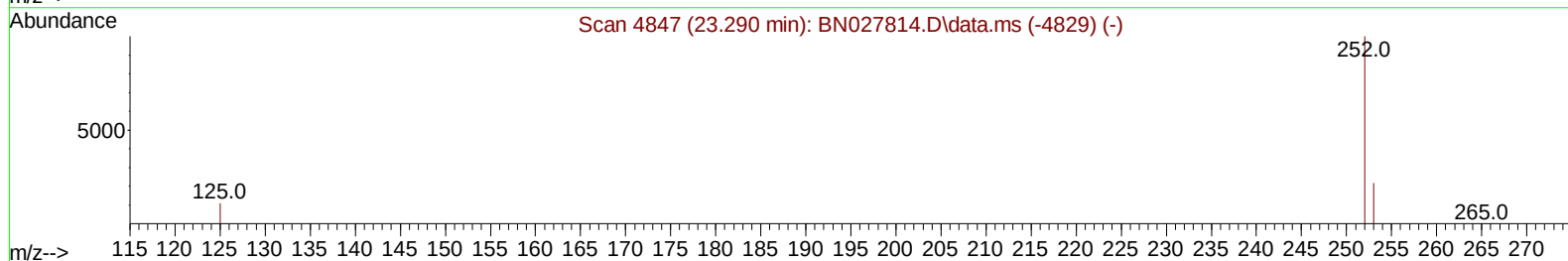
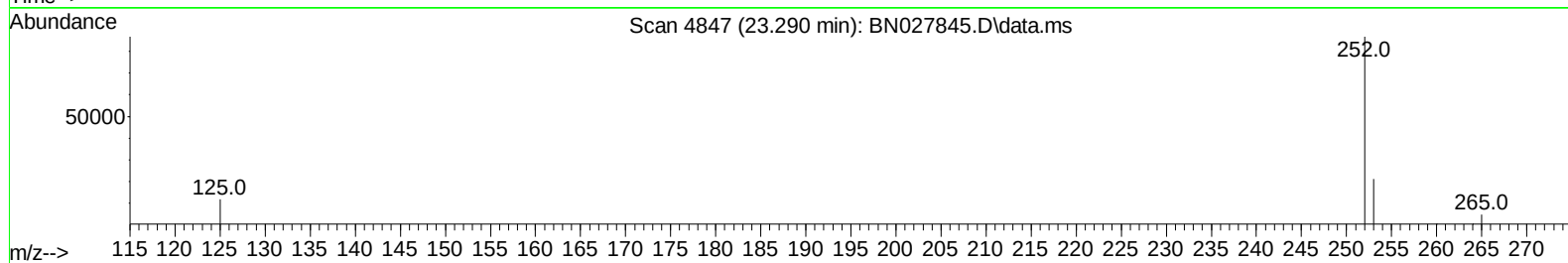
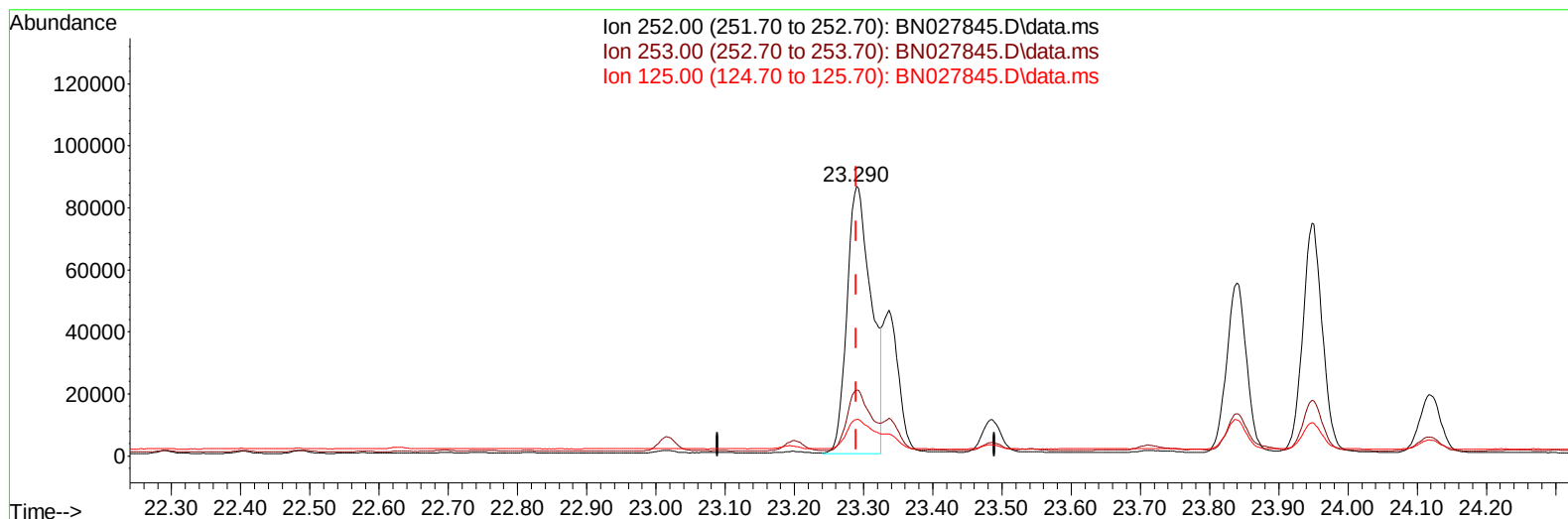
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092223\  
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 EZYL4DL

Manual IntegrationsAPPROVED

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TIC: BN027845.D\data.ms

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

23.290min (-0.000) 2.16 ng/ul m

response 210416

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.10  | 24.38  |
| 125.00 | 15.70  | 13.60  |
| 0.00   | 0.00   | 0.00   |

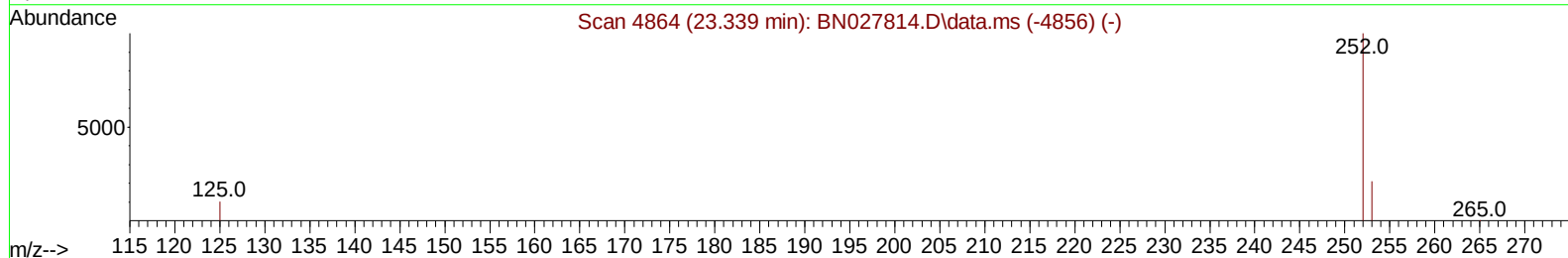
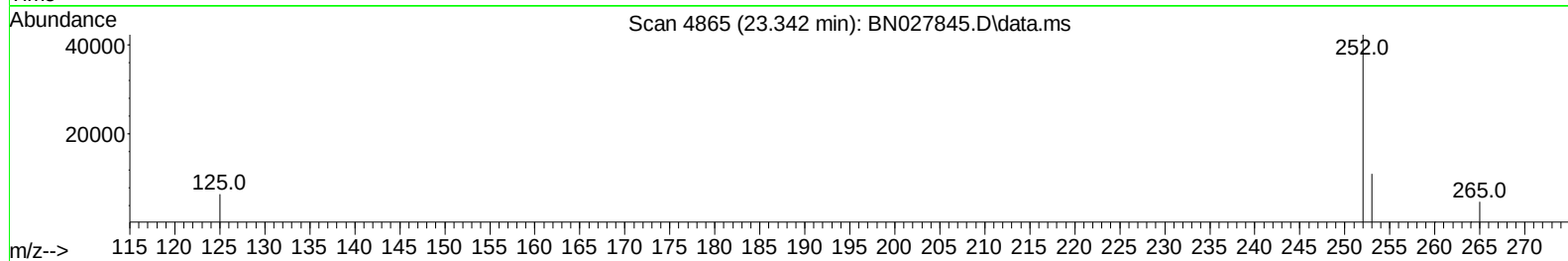
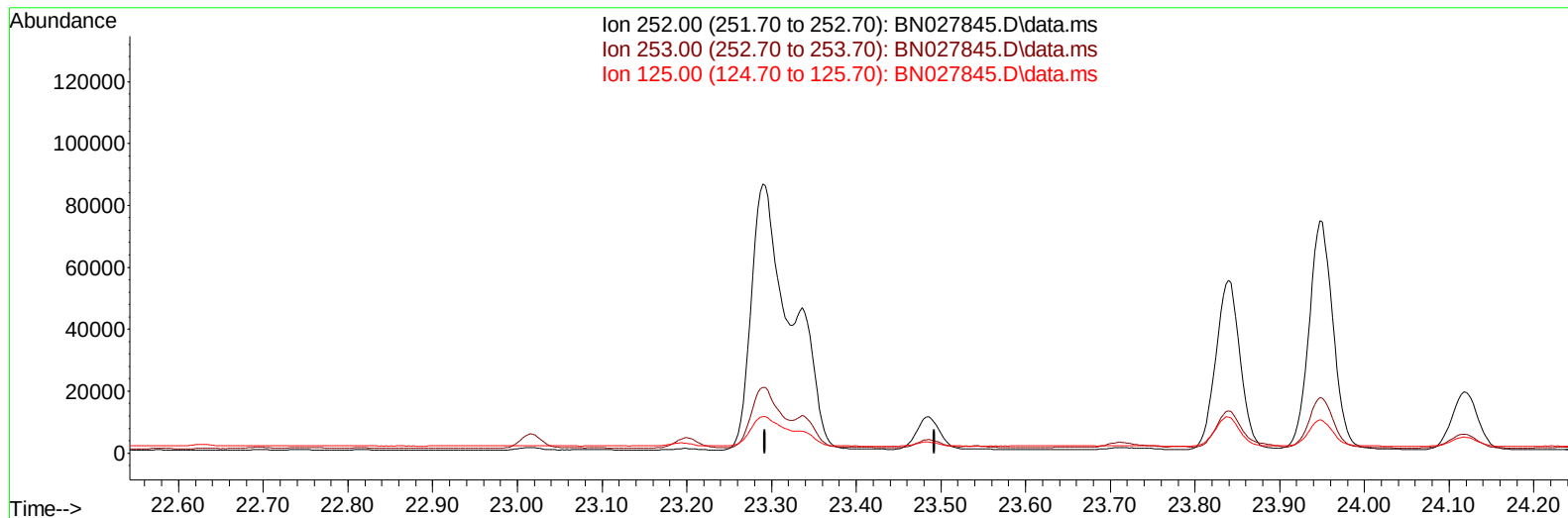
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092223\  
 Data File : BN027845.D  
 Acq On : 23 Sep 2023 04:18  
 Operator : MA/JU  
 Sample : 04330-19DL 5X  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EZYL4DL

Manual IntegrationsAPPROVED

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TIC: BN027845.D\data.ms

(25) Benzo(k)fluoranthene

23.342min (-23.342) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 24.90  | 0.00# |
| 125.00 | 15.80  | 0.00# |
| 0.00   | 0.00   | 0.00  |

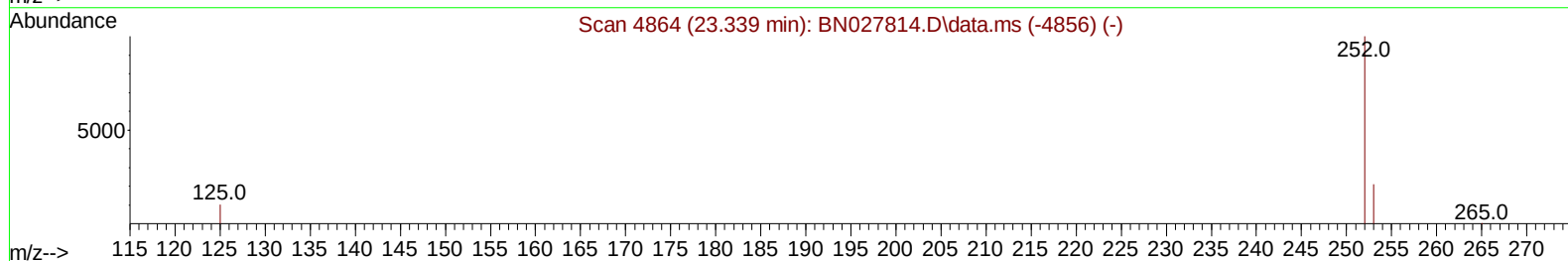
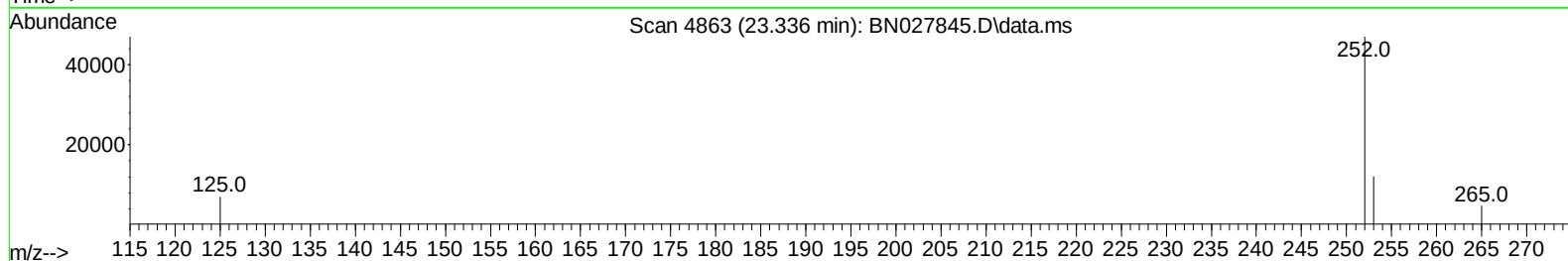
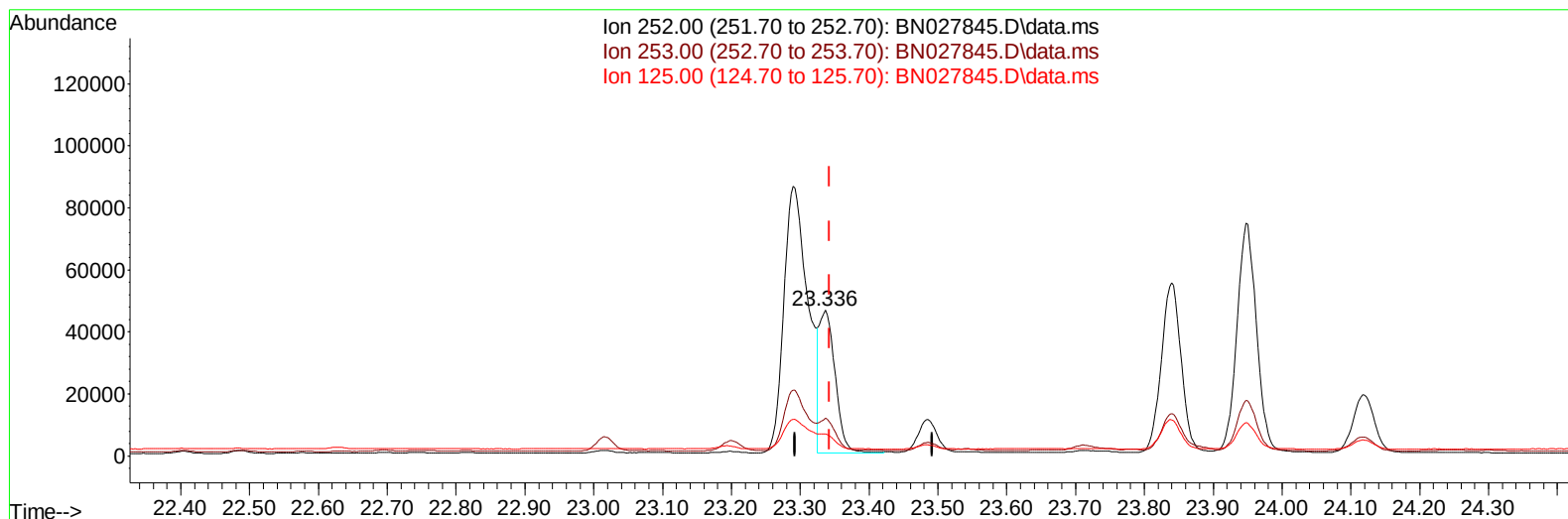
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 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
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Manual IntegrationsAPPROVED

Quant Time: Sep 23 04:55:44 2023  
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TIC: BN027845.D\data.ms

(25) Benzo(k)fluoranthene

23.336min (-0.006) 0.78 ng/ul m

response 74016

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 24.90  | 25.83  |
| 125.00 | 15.80  | 15.12  |
| 0.00   | 0.00   | 0.00   |

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 Data File : BN027845.D  
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 Operator : MA/JU  
 Sample : 04330-19DL 5X  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EZYL4DL

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/25/2023  
 Supervised By :mohammad ahmed 09/25/2023

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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.000  | 152  | 6204     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.823 | 136  | 21677    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.638 | 164  | 13529    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.392 | 188  | 29755    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.571 | 240  | 24836    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.064 | 264  | 21851    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.380  | 96   | 4296     | 0.550 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.401 | 152  | 2037     | 0.062 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.413 | 212  | 5102     | 0.067 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.872 | 128  | 3724     | 0.060 | ng/ul# | 92       |
| 7) 2-Methylnaphthalene      | 12.473 | 142  | 2645     | 0.067 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.693 | 142  | 1523     | 0.038 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.370 | 152  | 8624     | 0.146 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.703 | 153  | 2788     | 0.055 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.430 | 178  | 24701    | 0.264 | ng/ul  | 99       |
| 16) Anthracene              | 17.523 | 178  | 11549    | 0.148 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.441 | 202  | 111816   | 1.113 | ng/ul  | 100      |
| 20) Pyrene                  | 19.808 | 202  | 130829   | 1.265 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.551 | 228  | 104672   | 1.089 | ng/ul  | 98       |
| 22) Chrysene                | 21.609 | 228  | 130095   | 1.310 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.290 | 252  | 210416m  | 2.160 | ng/ul  |          |
| 25) Benzo(k)fluoranthene    | 23.336 | 252  | 74016m   | 0.784 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.947 | 252  | 146570   | 1.871 | ng/ul# | 92       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.683 | 276  | 108083   | 1.077 | ng/ul# | 86       |
| 28) Dibenzo(a,h)anthracene  | 26.696 | 278  | 25257    | 0.313 | ng/ul# | 87       |
| 29) Benzo(g,h,i)perylene    | 27.504 | 276  | 115368   | 1.353 | ng/ul  | 97       |
| -----                       |        |      |          |       |        |          |

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

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