

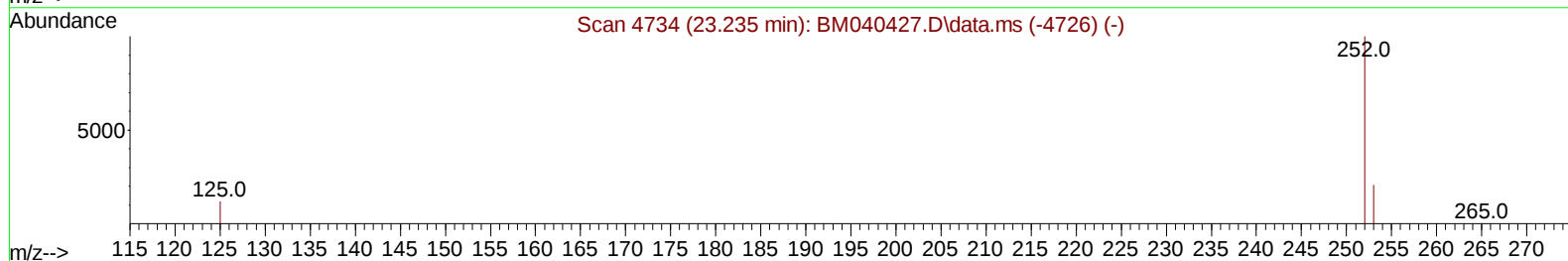
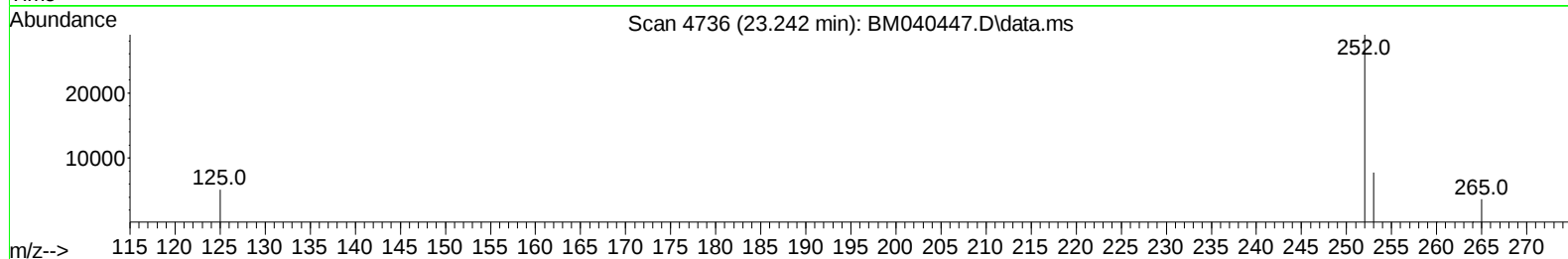
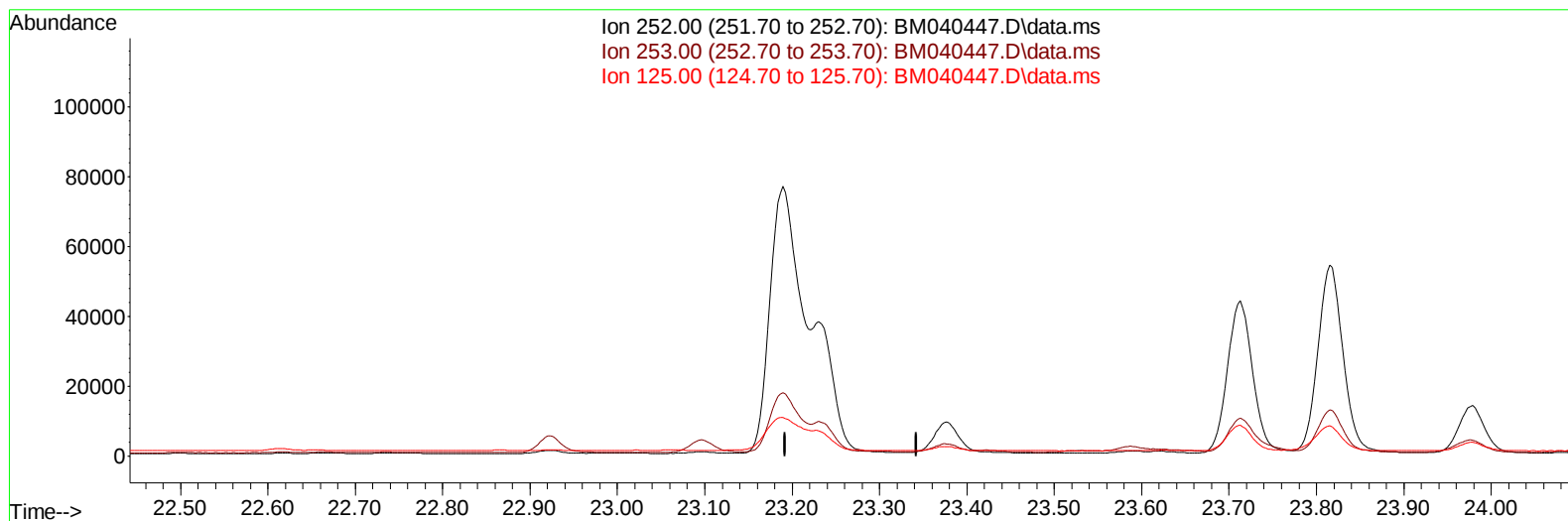
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062923\  
Data File : BM040447.D  
Acq On : 29 Jun 2023 21:05  
Operator : MA/JU  
Sample : 03143-11DL 5X  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCFU8DL

Manual IntegrationsAPPROVED

Quant Time: Jun 30 03:07:26 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM062223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 23 00:44:24 2023  
Response via : Initial Calibration

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



TIC: BM040447.D\data.ms

(25) Benzo(k)fluoranthene

23.242min (-23.242) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 26.50  | 0.00# |
| 125.00 | 20.50  | 0.00# |
| 0.00   | 0.00   | 0.00  |

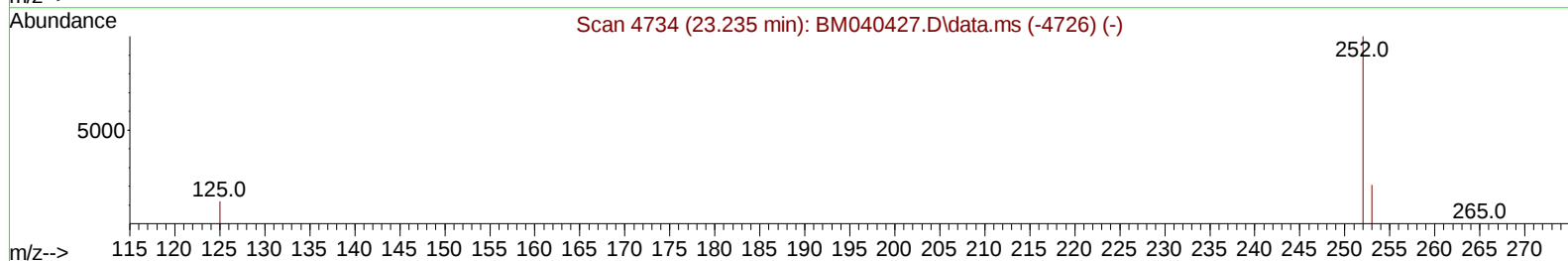
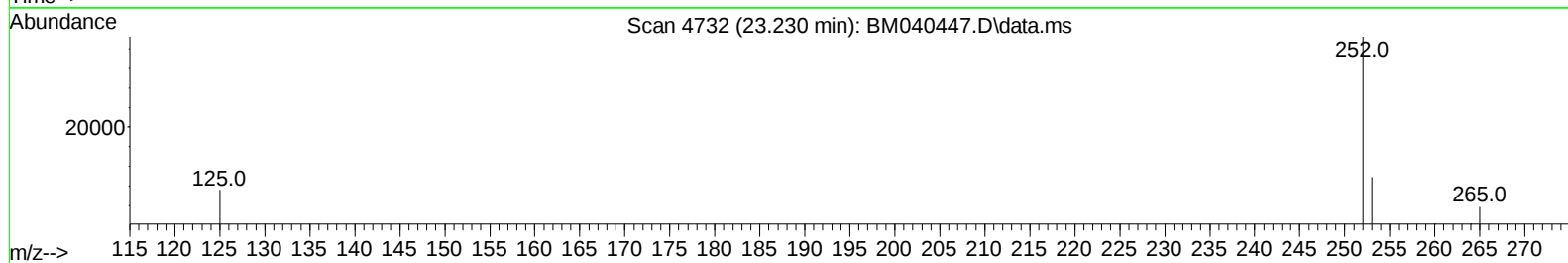
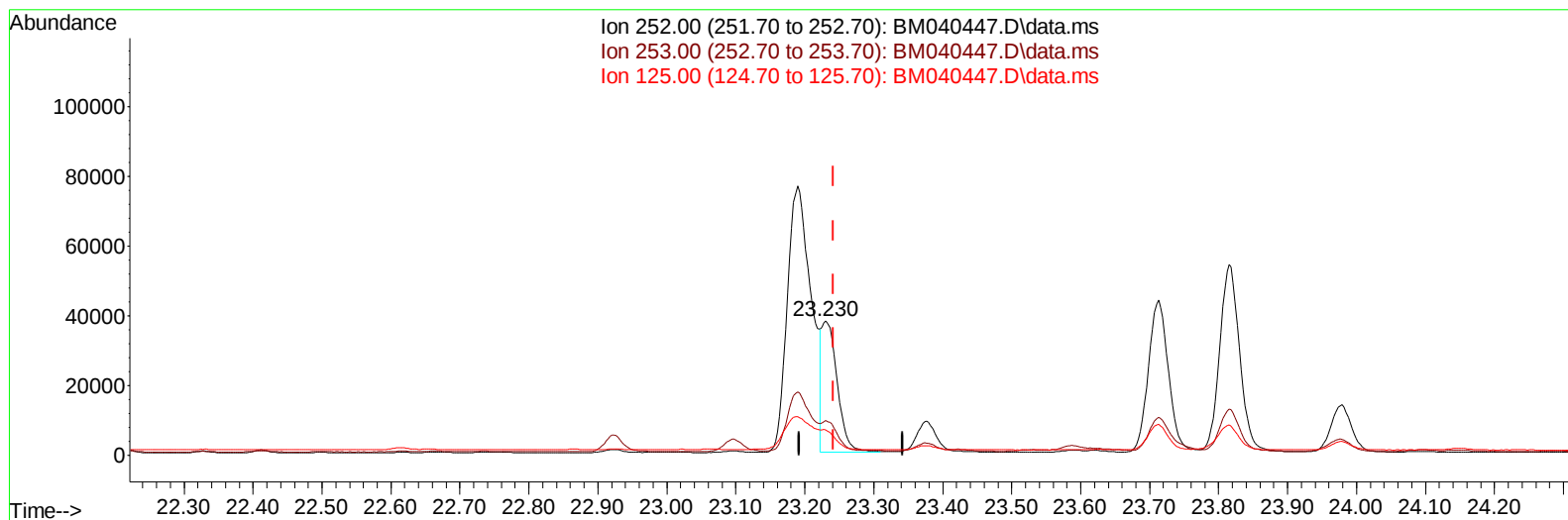
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TIC: BM040447.D\data.ms

(25) Benzo(k)fluoranthene

23.230min (-0.012) 1.16 ng/u1 m

response 59337

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.50  | 25.57  |
| 125.00 | 20.50  | 18.59  |
| 0.00   | 0.00   | 0.00   |

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 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 DCFU8DL

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/30/2023  
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Quant Time: Jun 30 03:07:26 2023  
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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.945  | 152  | 7286     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.751 | 136  | 26551    | 0.400 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.582 | 164  | 12420    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.332 | 188  | 23790    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.509 | 240  | 13800    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.926 | 264  | 13435    | 0.400 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.329  | 96   | 7284     | 0.636 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.345 | 152  | 1679     | 0.045 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.356 | 212  | 2511     | 0.057 | ng/ul  | 0.00     |
|                             |        |      |          |       |        |          |
| Target Compounds            |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.800 | 128  | 3750     | 0.051 | ng/ul# | 88       |
| 7) 2-Methylnaphthalene      | 12.417 | 142  | 2375     | 0.055 | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.631 | 142  | 1737     | 0.040 | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.309 | 152  | 5715     | 0.103 | ng/ul# | 94       |
| 11) Acenaphthene            | 14.647 | 153  | 3380     | 0.072 | ng/ul  | 97       |
| 12) Fluorene                | 15.632 | 166  | 3014     | 0.060 | ng/ul# | 96       |
| 15) Phenanthrene            | 17.370 | 178  | 98726    | 1.336 | ng/ul  | 99       |
| 16) Anthracene              | 17.463 | 178  | 12159    | 0.196 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.384 | 202  | 322615   | 5.504 | ng/ul  | 96       |
| 20) Pyrene                  | 19.747 | 202  | 241729   | 3.846 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.494 | 228  | 104376   | 2.236 | ng/ul  | 99       |
| 22) Chrysene                | 21.547 | 228  | 123506   | 2.320 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.190 | 252  | 183323   | 3.526 | ng/ul  | 90       |
| 25) Benzo(k)fluoranthene    | 23.230 | 252  | 59337m   | 1.158 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.815 | 252  | 108329   | 2.313 | ng/ul# | 86       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.427 | 276  | 95186    | 1.459 | ng/ul# | 87       |
| 28) Dibenzo(a,h)anthracene  | 26.441 | 278  | 22367    | 0.438 | ng/ul  | 95       |
| 29) Benzo(g,h,i)perylene    | 27.202 | 276  | 86671    | 1.516 | ng/ul  | 96       |
| -----                       |        |      |          |       |        |          |

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

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