

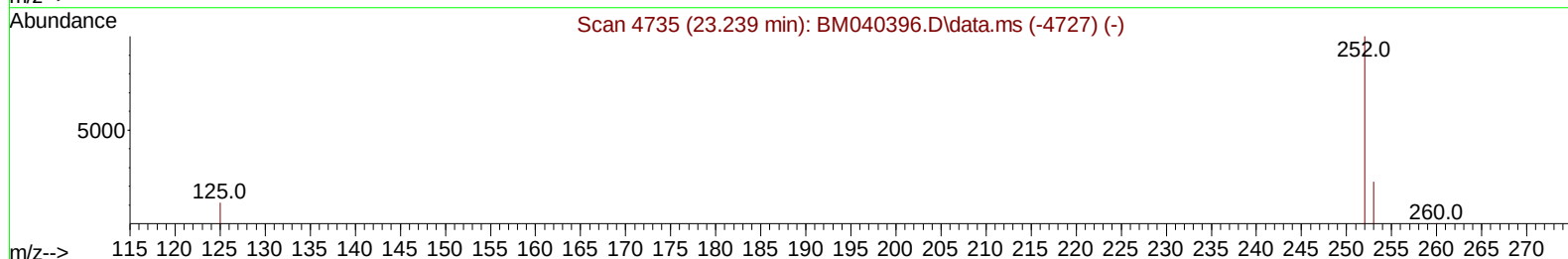
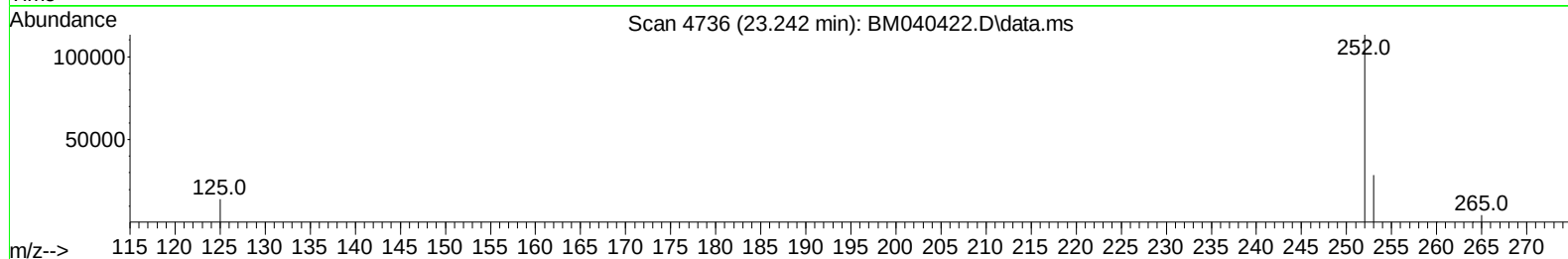
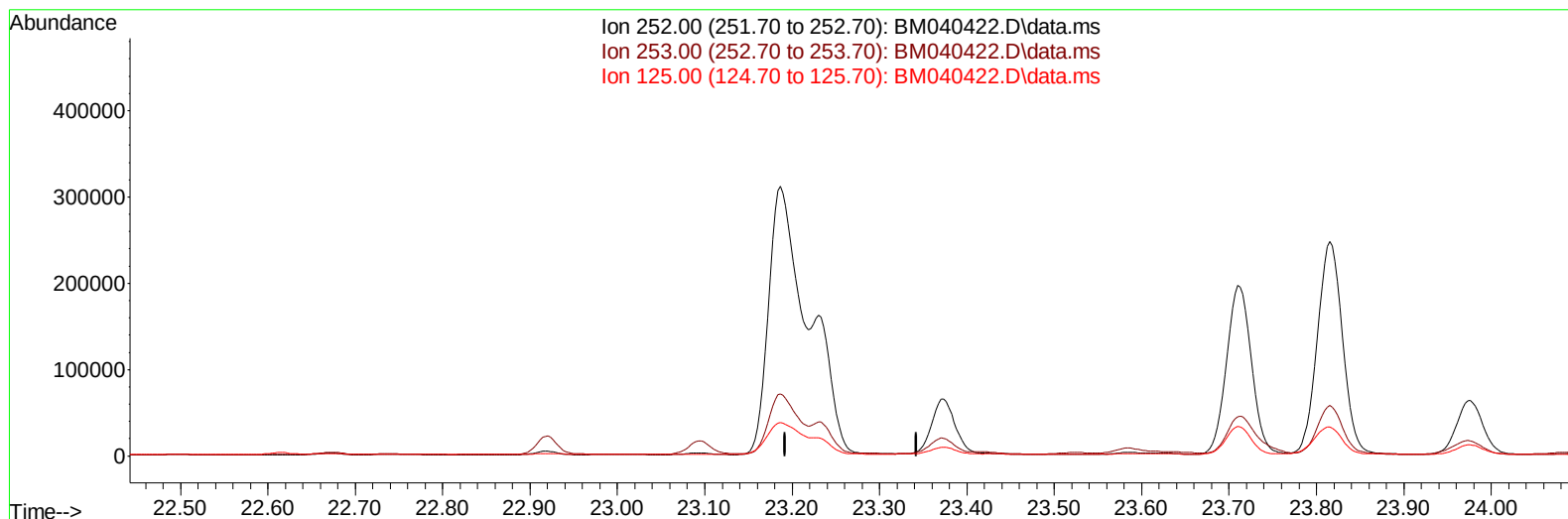
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062623\  
 Data File : BM040422.D  
 Acq On : 27 Jun 2023 03:48  
 Operator : MA/JU  
 Sample : 03084-10DL 5X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCFM7DL

Manual IntegrationsAPPROVED

Quant Time: Jun 27 04:29:26 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 06/27/2023  
 Supervised By :mohammad ahmed 06/27/2023



TIC: BM040422.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  |

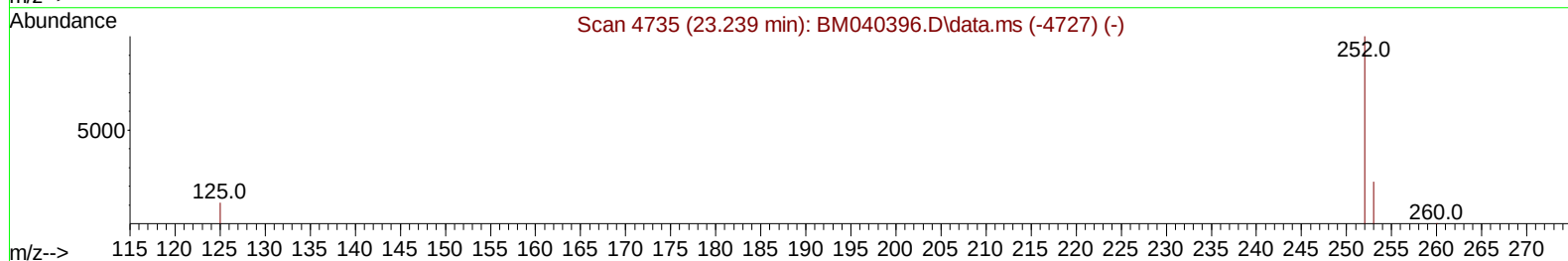
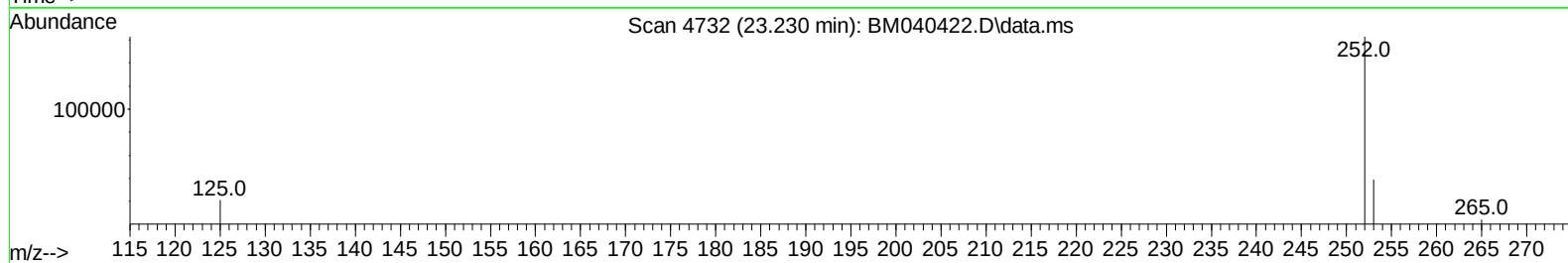
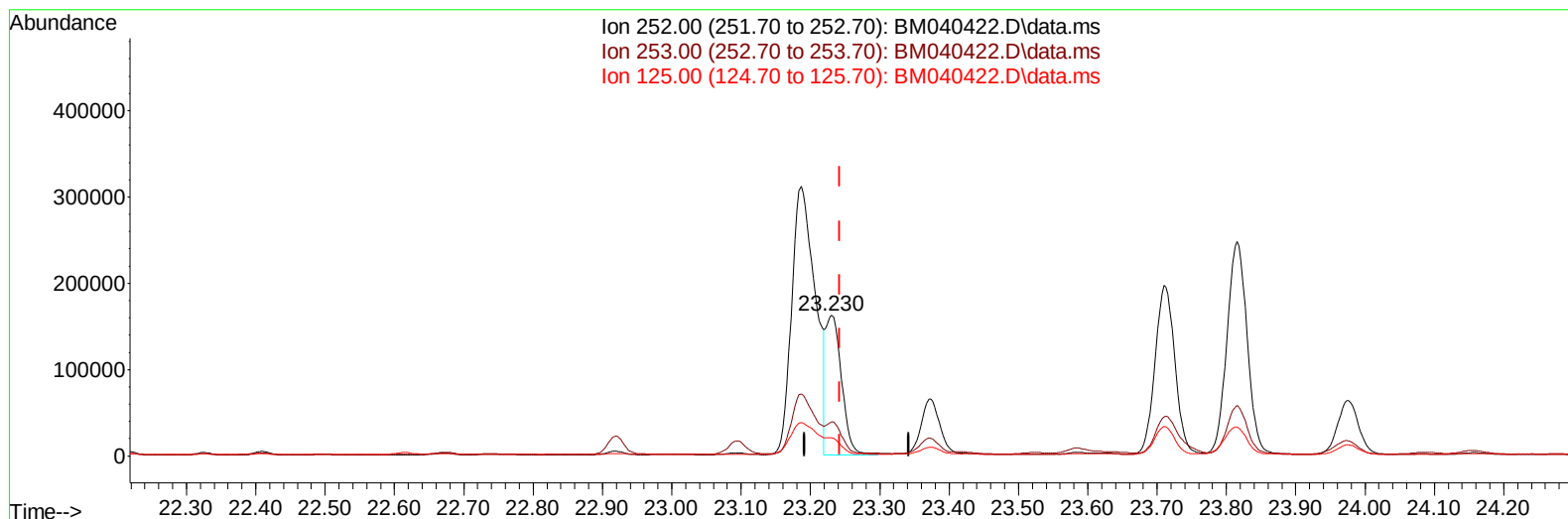
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**(25) Benzo(k)fluoranthene**

**23.230min (-0.012) 3.55 ng/ul m**

**response 259196**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.50  | 24.02  |
| 125.00 | 20.50  | 12.96# |
| 0.00   | 0.00   | 0.00   |

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| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.945  | 152  | 8762     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.750 | 136  | 31541    | 0.400  | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.586 | 164  | 14962    | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.328 | 188  | 29278    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.509 | 240  | 16624    | 0.400  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.923 | 264  | 19146    | 0.400  | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.329  | 96   | 7059     | 0.513  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.340 | 152  | 1893     | 0.043  | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.356 | 212  | 3115     | 0.058  | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        |        | Qvalue   |
| 5) Naphthalene              | 10.800 | 128  | 24820    | 0.285  | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.411 | 142  | 13745    | 0.269  | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.631 | 142  | 10924    | 0.214  | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.304 | 152  | 59422    | 0.889  | ng/ul  | 100      |
| 11) Acenaphthene            | 14.646 | 153  | 16861    | 0.299  | ng/ul  | 99       |
| 12) Fluorene                | 15.632 | 166  | 19240    | 0.319  | ng/ul  | 99       |
| 15) Phenanthrene            | 17.370 | 178  | 565268   | 6.216  | ng/ul  | 98       |
| 16) Anthracene              | 17.463 | 178  | 118435   | 1.550  | ng/ul  | 99       |
| 19) Fluoranthene            | 19.384 | 202  | 1326074  | 18.779 | ng/ul  | 96       |
| 20) Pyrene                  | 19.747 | 202  | 1077605  | 14.234 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.491 | 228  | 510347   | 9.076  | ng/ul  | 99       |
| 22) Chrysene                | 21.544 | 228  | 504076   | 7.859  | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.186 | 252  | 730144   | 9.854  | ng/ul  | 88       |
| 25) Benzo(k)fluoranthene    | 23.230 | 252  | 259196m  | 3.550  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.815 | 252  | 497134   | 7.448  | ng/ul# | 83       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.427 | 276  | 386630   | 4.159  | ng/ul# | 88       |
| 28) Dibenzo(a,h)anthracene  | 26.434 | 278  | 98494    | 1.353  | ng/ul  | 95       |
| 29) Benzo(g,h,i)perylene    | 27.202 | 276  | 389385   | 4.779  | ng/ul  | 94       |
| -----                       |        |      |          |        |        |          |

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

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