

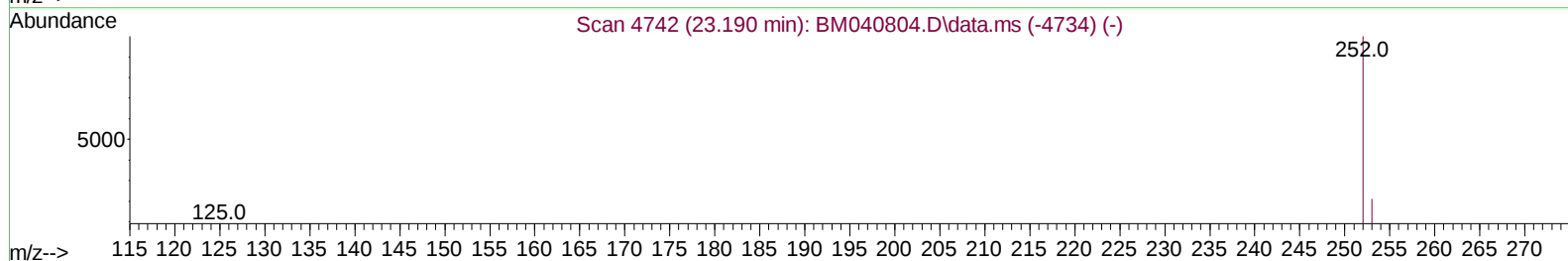
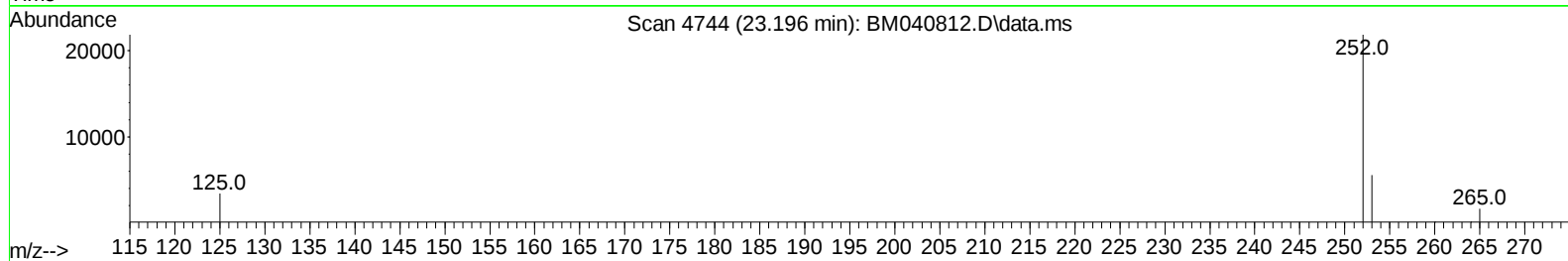
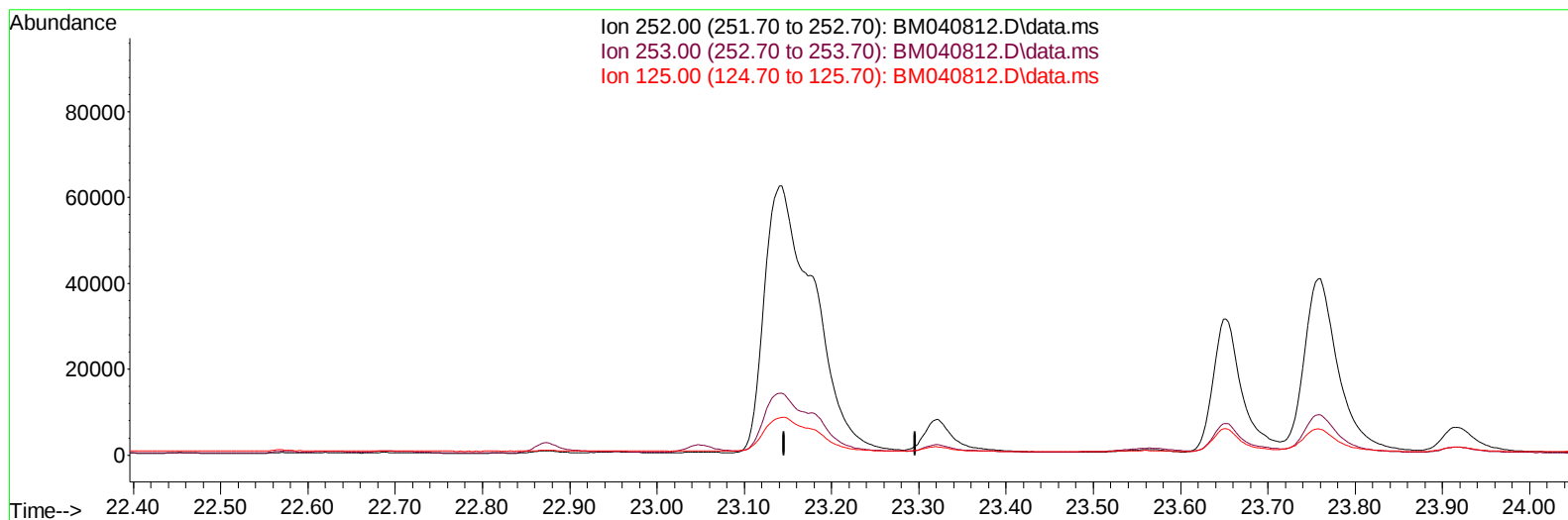
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071123\  
 Data File : BM040812.D  
 Acq On : 11 Jul 2023 14:43  
 Operator : MA/JU  
 Sample : 03414-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4636

Manual IntegrationsAPPROVED

Quant Time: Jul 12 04:34:03 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 : Tue Jul 11 03:54:24 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/12/2023  
 Supervised By :mohammad ahmed 07/12/2023



TIC: BM040812.D\data.ms

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

23.196min (-23.196) 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  |

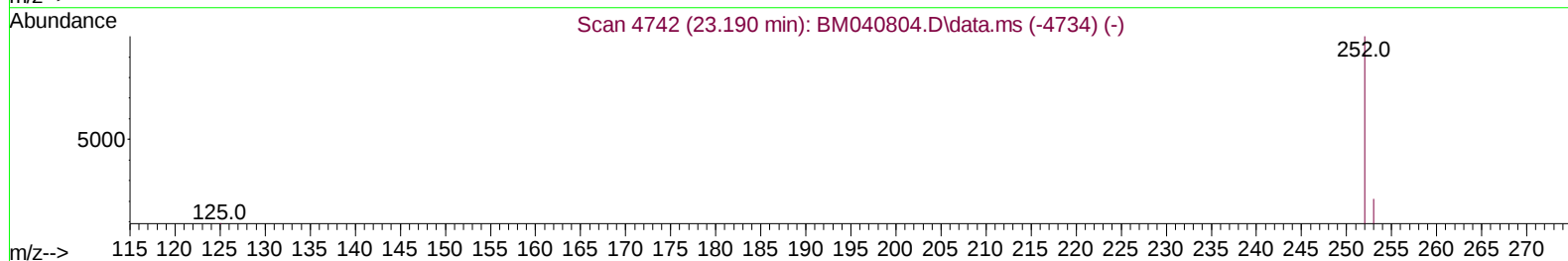
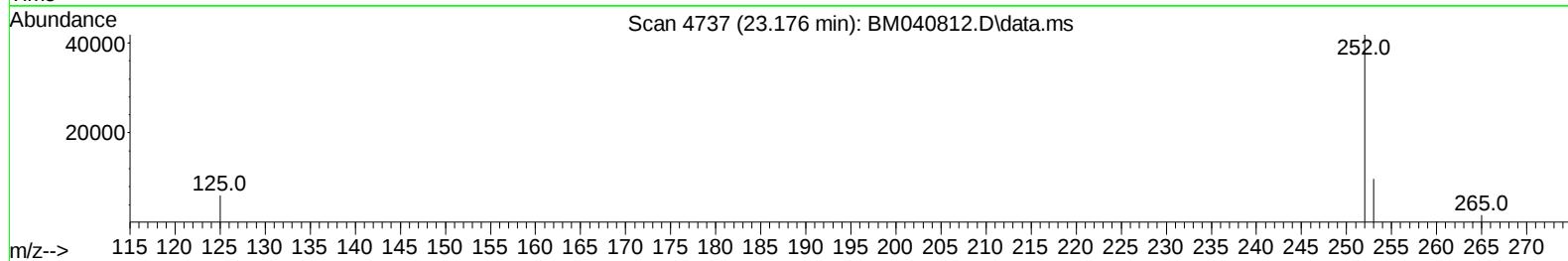
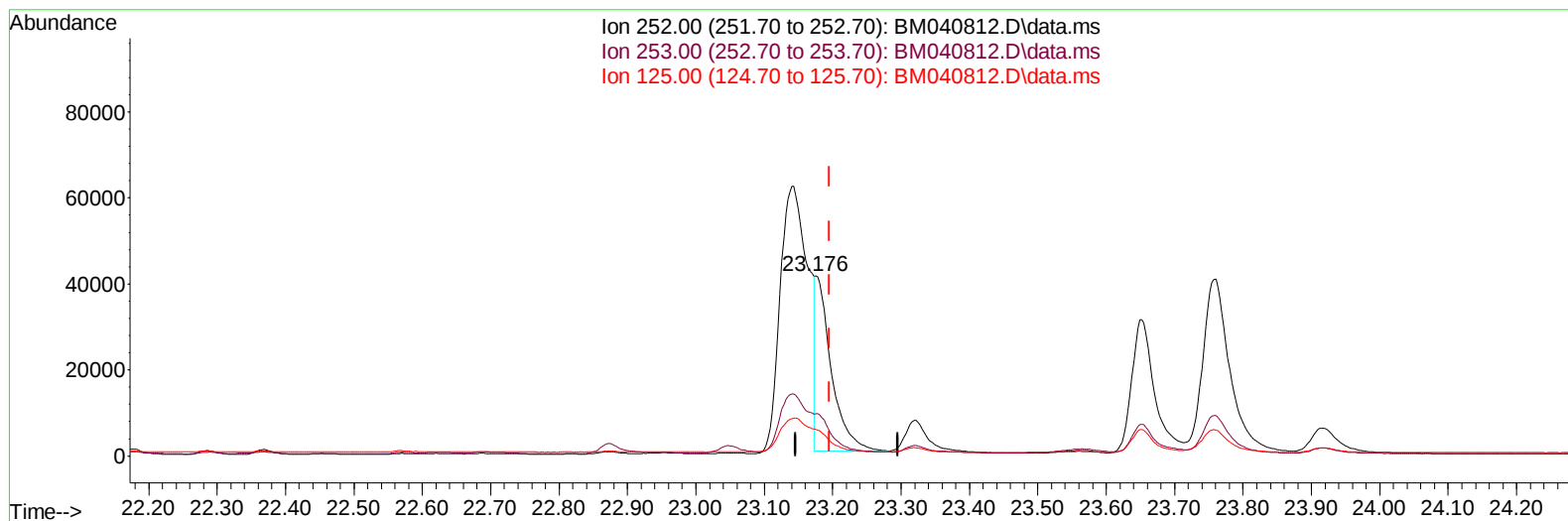
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**(25) Benzo(k)fluoranthene**

23.176min (-0.020) 3.39 ng/u1 m

response 66001

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.50  | 23.42  |
| 125.00 | 20.50  | 14.53# |
| 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   | 7.882  | 152  | 3461     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.686 | 136  | 12089    | 0.400  | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.527 | 164  | 5460     | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.278 | 188  | 9973     | 0.400  | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.472 | 240  | 6964     | 0.400  | ng/ul  | -0.01    |
| 23) Perylene-d12            | 23.863 | 264  | 5101     | 0.400  | ng/ul  | -0.02    |
|                             |        |      |          |        |        |          |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.296  | 96   | 7961     | 1.464  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.280 | 152  | 1389     | 0.082  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.310 | 212  | 1991     | 0.089  | ng/ul  | 0.00     |
|                             |        |      |          |        |        |          |
| Target Compounds            |        |      |          | Qvalue |        |          |
| 5) Naphthalene              | 10.735 | 128  | 33385    | 1.001  | ng/ul  | 100      |
| 7) 2-Methylnaphthalene      | 12.352 | 142  | 8343     | 0.426  | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.572 | 142  | 6048     | 0.309  | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.250 | 152  | 6231     | 0.255  | ng/ul# | 91       |
| 11) Acenaphthene            | 14.592 | 153  | 21056    | 1.022  | ng/ul  | 98       |
| 12) Fluorene                | 15.577 | 166  | 24993    | 1.137  | ng/ul  | 100      |
| 15) Phenanthrene            | 17.320 | 178  | 366820   | 11.841 | ng/ul  | 98       |
| 16) Anthracene              | 17.409 | 178  | 67732    | 2.602  | ng/ul  | 99       |
| 19) Fluoranthene            | 19.338 | 202  | 422667   | 14.288 | ng/ul  | 96       |
| 20) Pyrene                  | 19.701 | 202  | 404708   | 12.761 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.454 | 228  | 169474   | 7.195  | ng/ul  | 99       |
| 22) Chrysene                | 21.507 | 228  | 151308   | 5.631  | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.140 | 252  | 168340   | 8.528  | ng/ul  | 89       |
| 25) Benzo(k)fluoranthene    | 23.176 | 252  | 66001m   | 3.392  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.760 | 252  | 108315   | 6.091  | ng/ul# | 84       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.337 | 276  | 75955    | 3.067  | ng/ul# | 90       |
| 28) Dibenzo(a,h)anthracene  | 26.347 | 278  | 19785    | 1.020  | ng/ul  | 98       |
| 29) Benzo(g,h,i)perylene    | 27.095 | 276  | 13215    | 0.609  | ng/ul  | 96       |
| -----                       |        |      |          |        |        |          |

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

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