

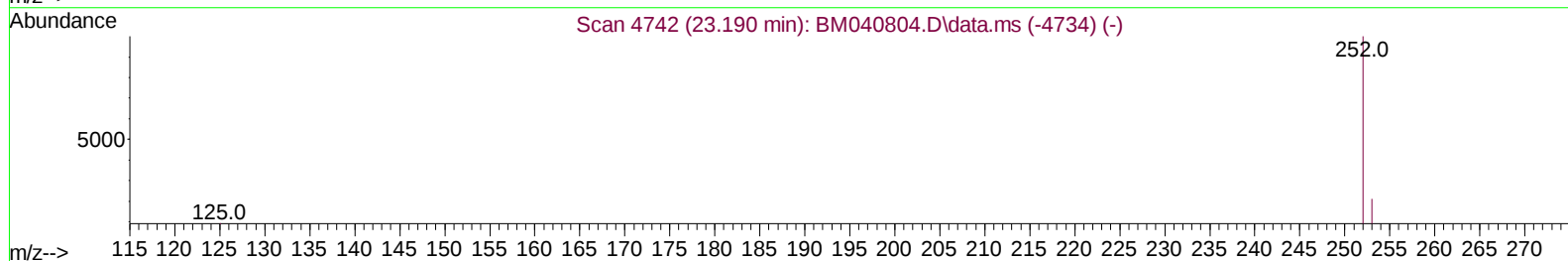
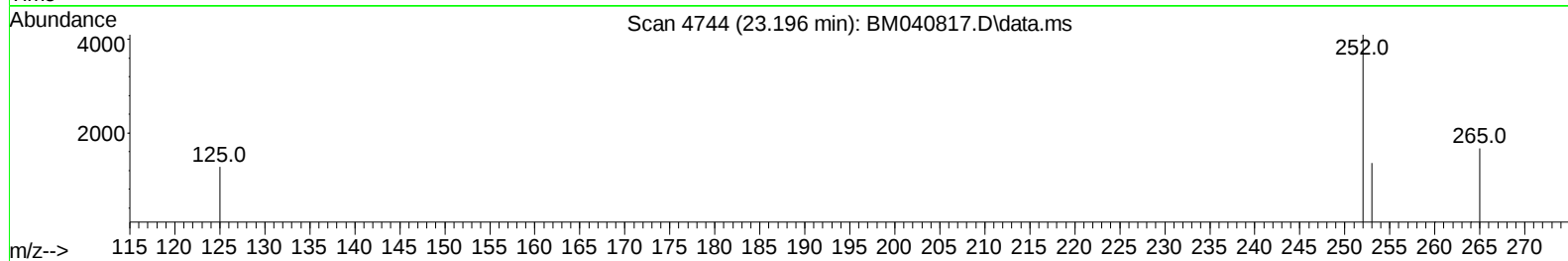
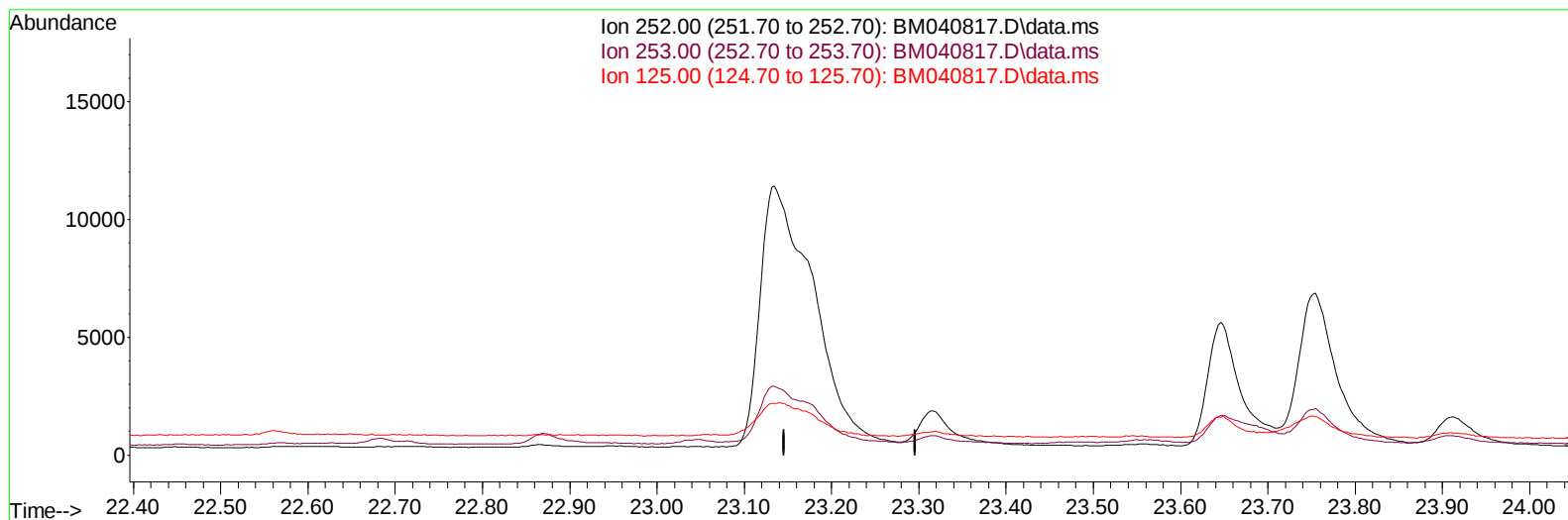
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071123\  
Data File : BM040817.D  
Acq On : 11 Jul 2023 18:01  
Operator : MA/JU  
Sample : 03414-02  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A4637

Manual IntegrationsAPPROVED

Quant Time: Jul 12 04:35:06 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: BM040817.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  |

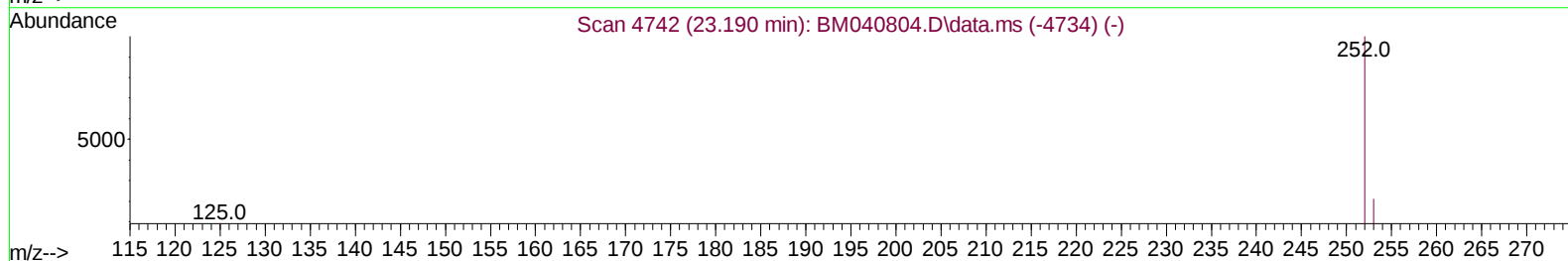
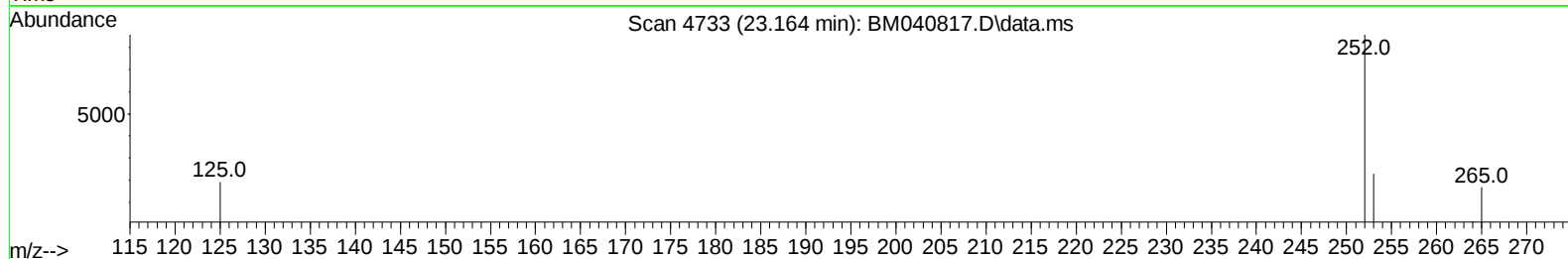
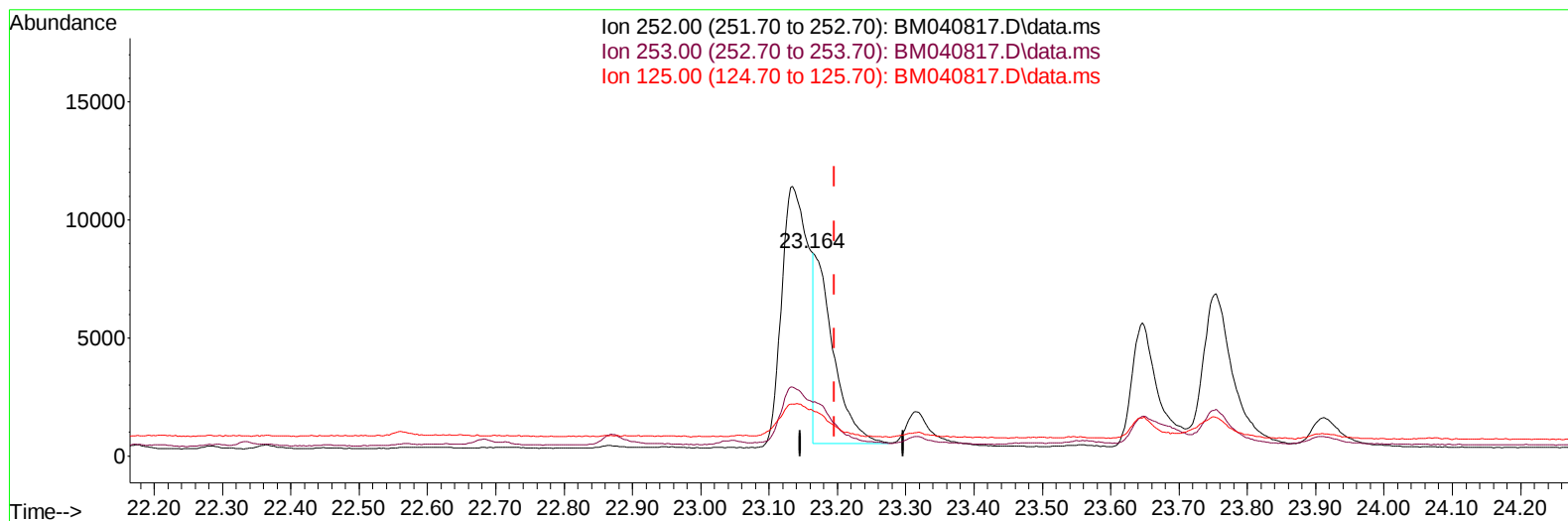
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**(25) Benzo(k)fluoranthene**

23.164min (-0.032) 0.71 ng/u1 m

response 15755

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.50  | 26.55  |
| 125.00 | 20.50  | 22.29  |
| 0.00   | 0.00   | 0.00   |

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 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.883  | 152  | 3212     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.686 | 136  | 12180    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.527 | 164  | 5925     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.278 | 188  | 11161    | 0.400 | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.469 | 240  | 7652     | 0.400 | ng/ul  | -0.02    |
| 23) Perylene-d12            | 23.857 | 264  | 5848     | 0.400 | ng/ul  | -0.02    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.296  | 96   | 6296     | 1.248 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.280 | 152  | 1306     | 0.076 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.306 | 212  | 2127     | 0.087 | ng/ul  | -0.01    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.735 | 128  | 6594     | 0.196 | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 12.352 | 142  | 705      | 0.036 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.572 | 142  | 469      | 0.024 | ng/ul  | 97       |
| 10) Acenaphthylene          | 14.245 | 152  | 3805     | 0.144 | ng/ul# | 89       |
| 11) Acenaphthene            | 14.587 | 153  | 1572     | 0.070 | ng/ul  | 96       |
| 12) Fluorene                | 15.577 | 166  | 1981     | 0.083 | ng/ul# | 95       |
| 15) Phenanthrene            | 17.320 | 178  | 33436    | 0.964 | ng/ul  | 99       |
| 16) Anthracene              | 17.413 | 178  | 10186    | 0.350 | ng/ul  | 96       |
| 19) Fluoranthene            | 19.338 | 202  | 69230    | 2.130 | ng/ul  | 97       |
| 20) Pyrene                  | 19.701 | 202  | 63489    | 1.822 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.454 | 228  | 26764    | 1.034 | ng/ul  | 95       |
| 22) Chrysene                | 21.504 | 228  | 25611    | 0.867 | ng/ul  | 96       |
| 24) Benzo(b)fluoranthene    | 23.135 | 252  | 30079    | 1.329 | ng/ul  | 97       |
| 25) Benzo(k)fluoranthene    | 23.164 | 252  | 15755m   | 0.706 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.754 | 252  | 18904    | 0.927 | ng/ul  | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.334 | 276  | 14587    | 0.514 | ng/ul# | 89       |
| 28) Dibenzo(a,h)anthracene  | 26.344 | 278  | 3294     | 0.148 | ng/ul# | 72       |
| 29) Benzo(g,h,i)perylene    | 27.098 | 276  | 2865     | 0.115 | ng/ul# | 77       |
| -----                       |        |      |          |       |        |          |

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

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