

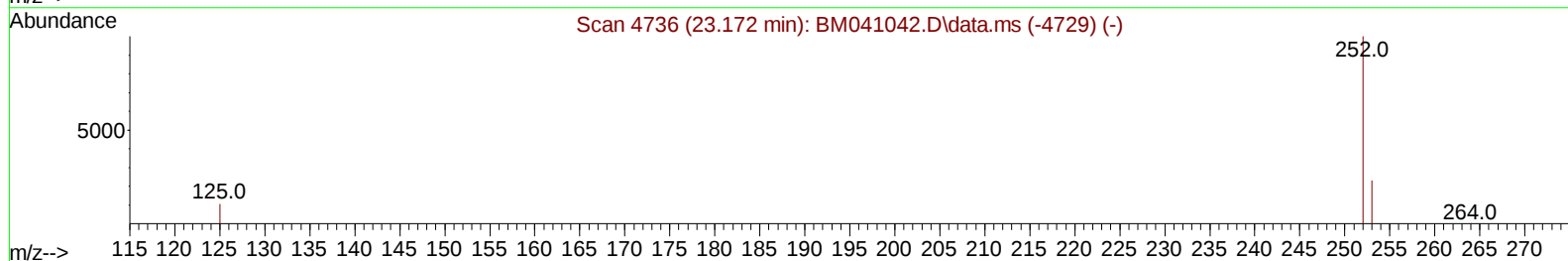
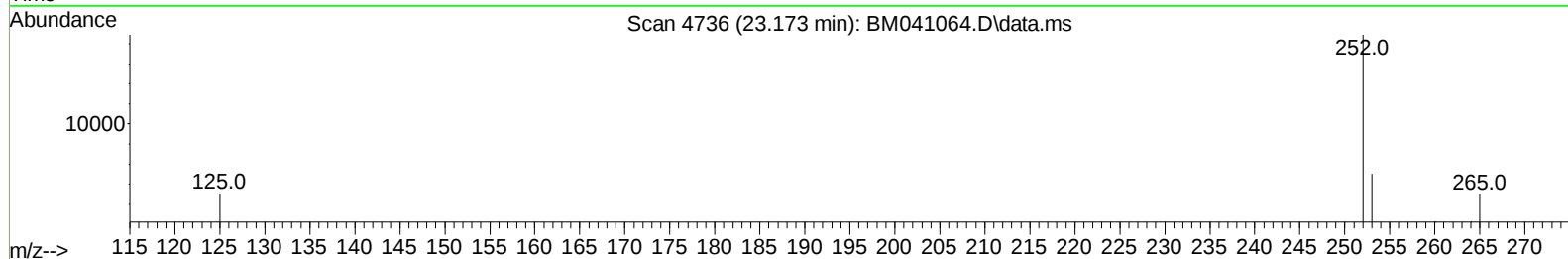
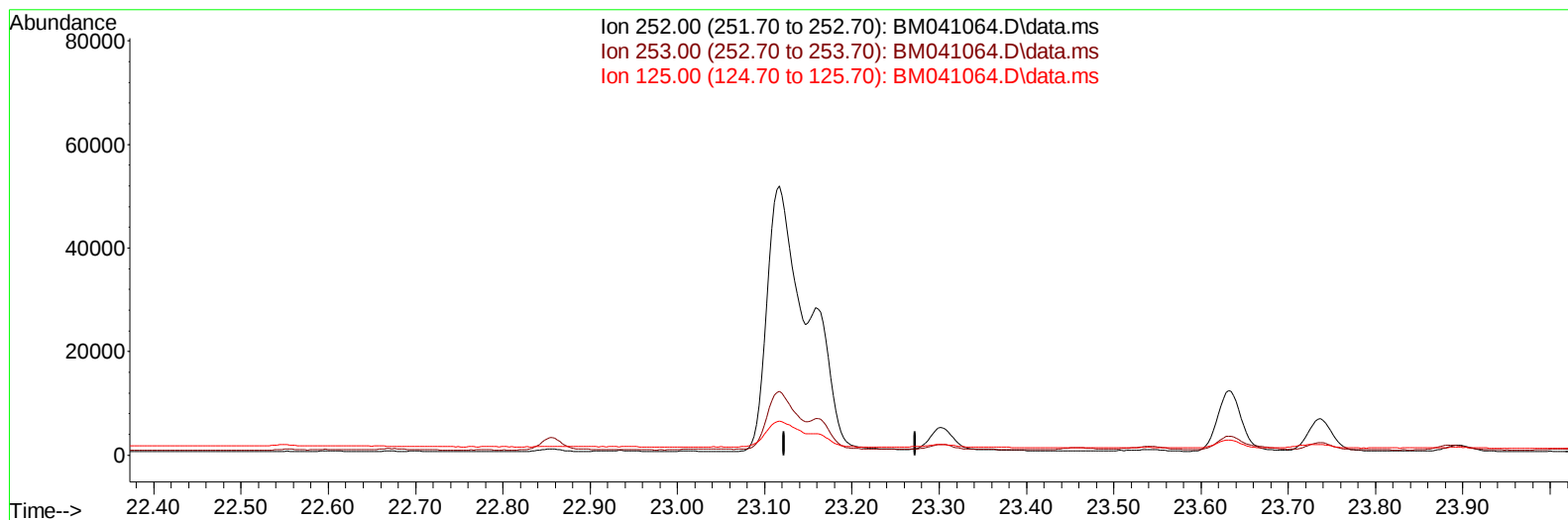
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072123\  
 Data File : BM041064.D  
 Acq On : 22 Jul 2023 21:17  
 Operator : MA/JU  
 Sample : 03504-12  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A46S6

Manual IntegrationsAPPROVED

Quant Time: Jul 22 22:38:26 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM071923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jul 22 22:33:48 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/24/2023  
 Supervised By :mohammad ahmed 07/24/2023



TIC: BM041064.D\data.ms

(25) Benzo(k)fluoranthene

23.172min (-23.172) 0.00 ng/u1

response 0

| Ion    | Exp%   | Act%  |
|--------|--------|-------|
| 252.00 | 100.00 | 0.00  |
| 253.00 | 29.10  | 0.00# |
| 125.00 | 22.70  | 0.00# |
| 0.00   | 0.00   | 0.00  |

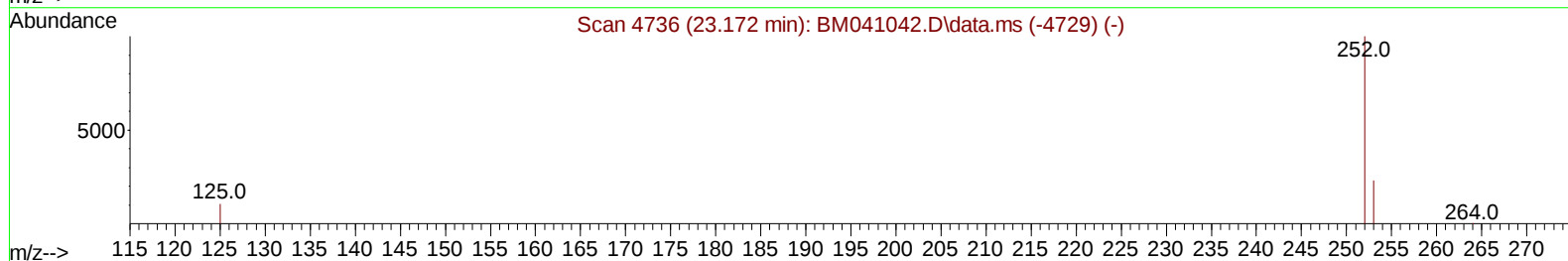
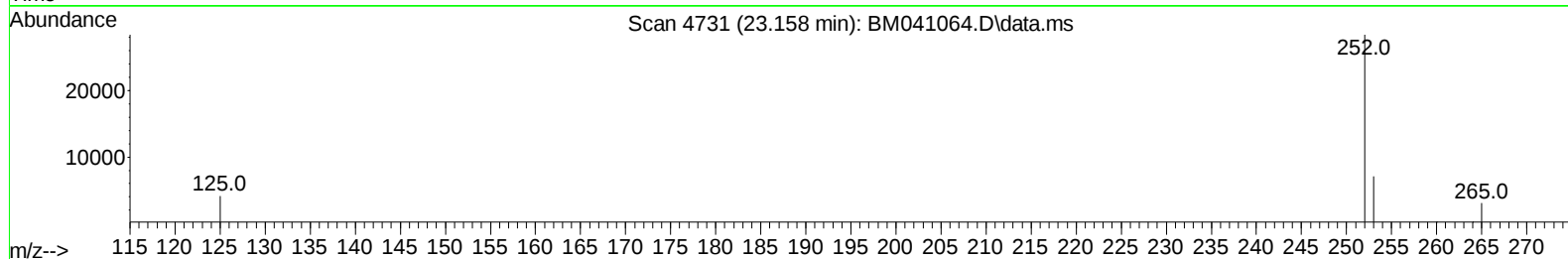
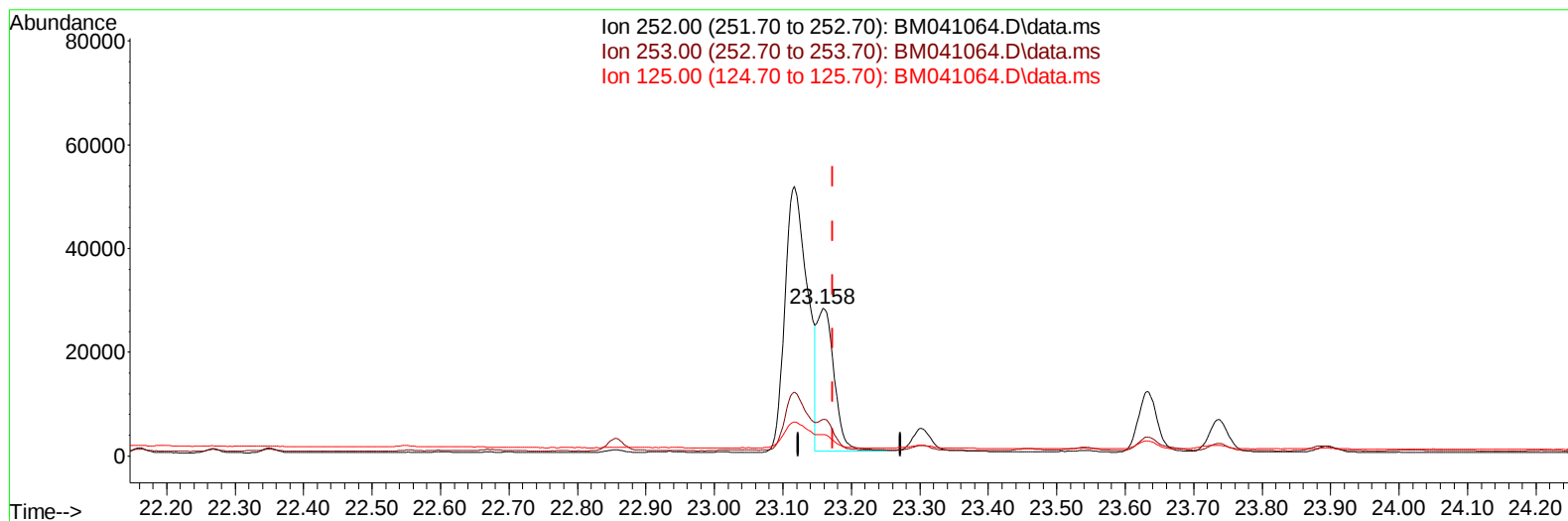
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**(25) Benzo(k)fluoranthene**

**23.158min (-0.014) 0.88 ng/u1 m**

**response 48430**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 29.10  | 24.89  |
| 125.00 | 22.70  | 14.57# |
| 0.00   | 0.00   | 0.00   |

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 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A46S6

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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.853  | 152  | 5538     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.658 | 136  | 19898    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.509 | 164  | 11482    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.265 | 188  | 24881    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.457 | 240  | 16094    | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.842 | 264  | 15106    | 0.400 | ng/ul  | #-0.01   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.275  | 96   | 8718     | 0.957 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.253 | 152  | 5618     | 0.212 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.297 | 212  | 10711    | 0.158 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.708 | 128  | 4599     | 0.085 | ng/ul# | 91       |
| 7) 2-Methylnaphthalene      | 12.330 | 142  | 1006     | 0.034 | ng/ul  | 96       |
| 8) 1-Methylnaphthalene      | 12.544 | 142  | 806      | 0.025 | ng/ul  | 90       |
| 10) Acenaphthylene          | 14.227 | 152  | 7760     | 0.161 | ng/ul  | 96       |
| 11) Acenaphthene            | 14.574 | 153  | 2878     | 0.068 | ng/ul  | 97       |
| 12) Fluorene                | 15.564 | 166  | 3422     | 0.078 | ng/ul# | 98       |
| 15) Phenanthrene            | 17.308 | 178  | 90312    | 1.214 | ng/ul  | 98       |
| 16) Anthracene              | 17.400 | 178  | 11023    | 0.190 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.324 | 202  | 225081   | 2.709 | ng/ul# | 94       |
| 20) Pyrene                  | 19.692 | 202  | 146267   | 1.723 | ng/ul# | 91       |
| 21) Benzo(a)anthracene      | 21.439 | 228  | 91818    | 1.873 | ng/ul  | 99       |
| 22) Chrysene                | 21.492 | 228  | 100535   | 1.794 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.117 | 252  | 117158   | 2.021 | ng/ul  | 86       |
| 25) Benzo(k)fluoranthene    | 23.158 | 252  | 48430m   | 0.879 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.737 | 252  | 12577    | 0.251 | ng/ul  | 97       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.307 | 276  | 38120    | 0.574 | ng/ul# | 85       |
| 28) Dibenzo(a,h)anthracene  | 26.317 | 278  | 13673    | 0.272 | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 27.068 | 276  | 3188     | 0.052 | ng/ul# | 72       |
| -----                       |        |      |          |       |        |          |

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

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