

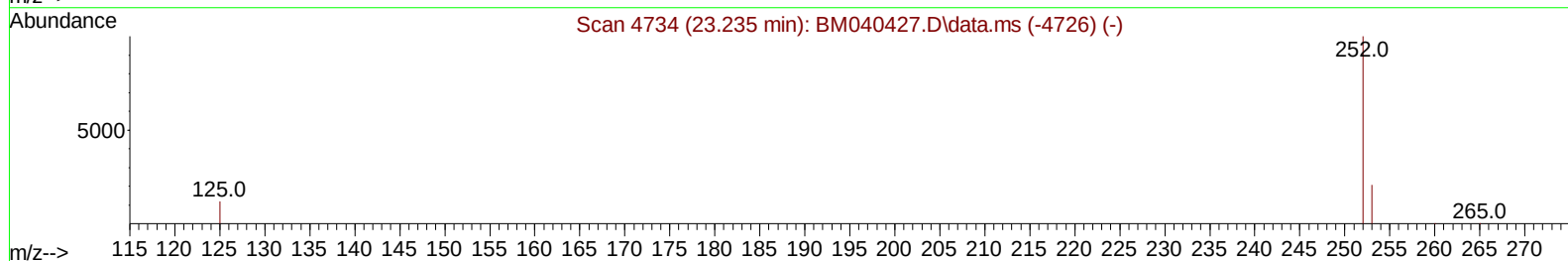
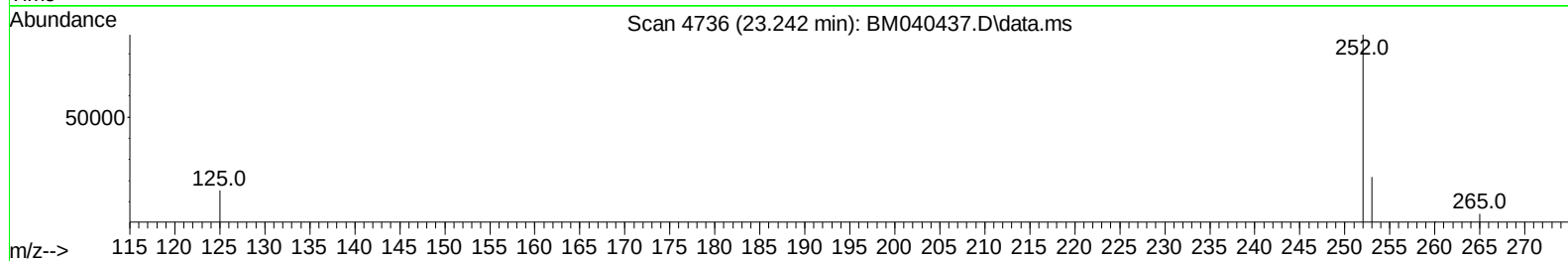
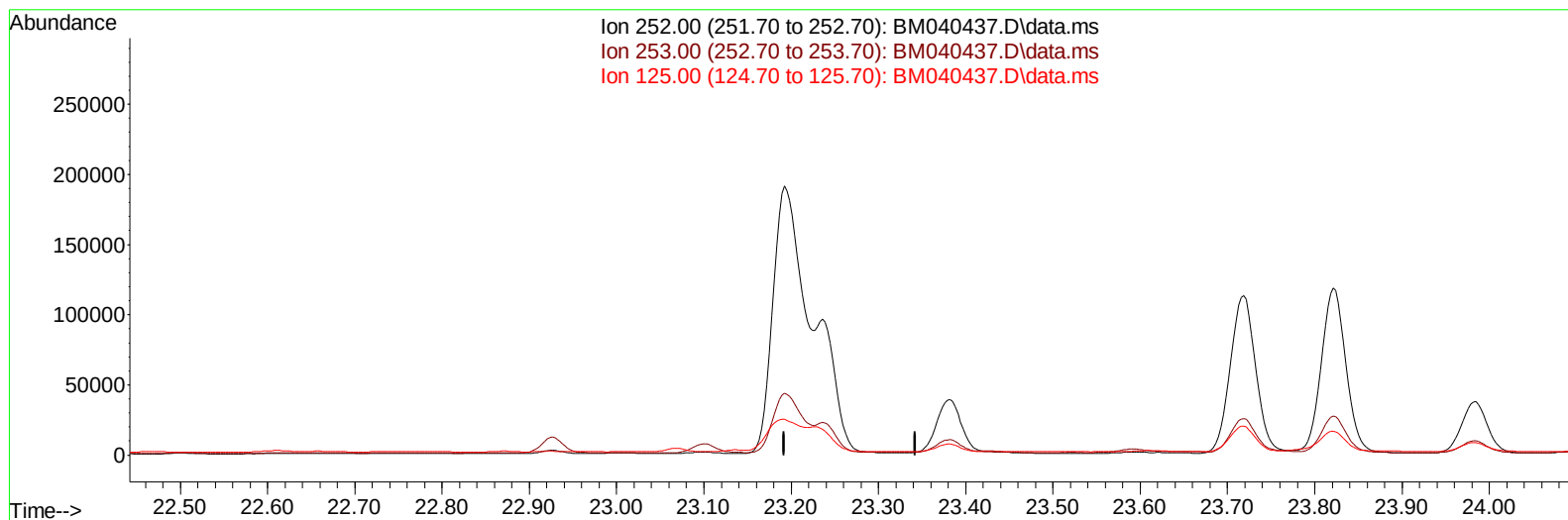
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062923\  
 Data File : BM040437.D  
 Acq On : 29 Jun 2023 14:50  
 Operator : MA/JU  
 Sample : 03143-15  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCFV2

Manual IntegrationsAPPROVED

Quant Time: Jun 30 03:05:47 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: BM040437.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  |

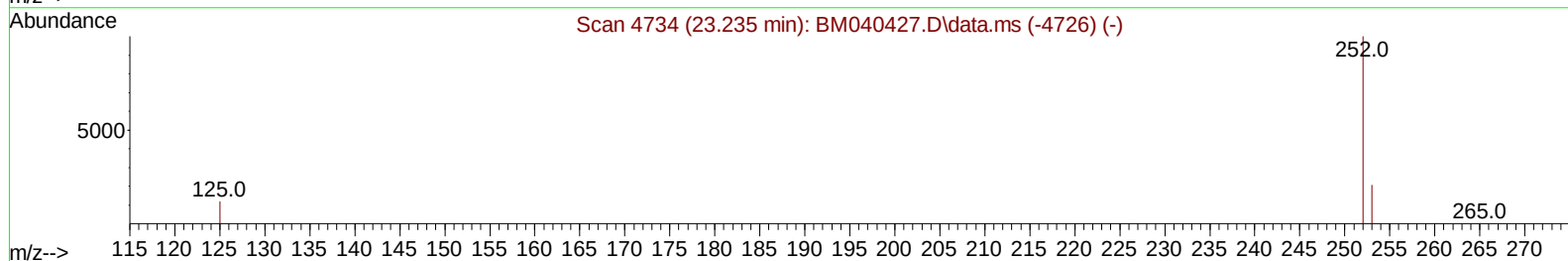
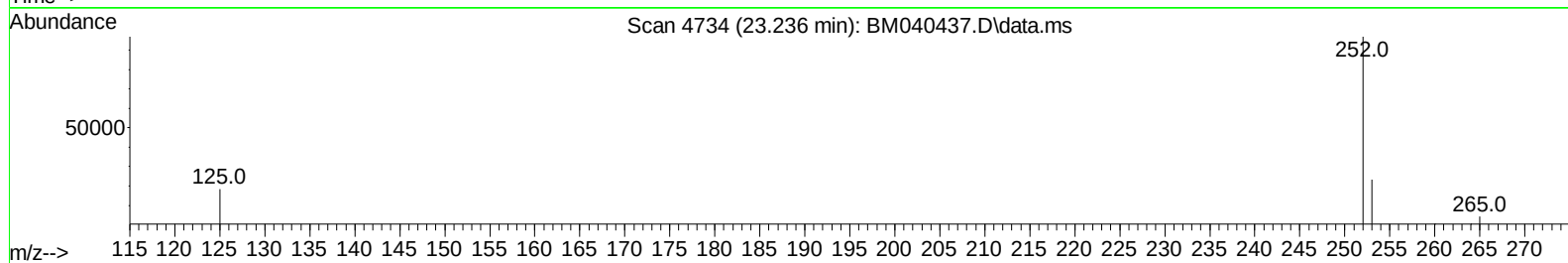
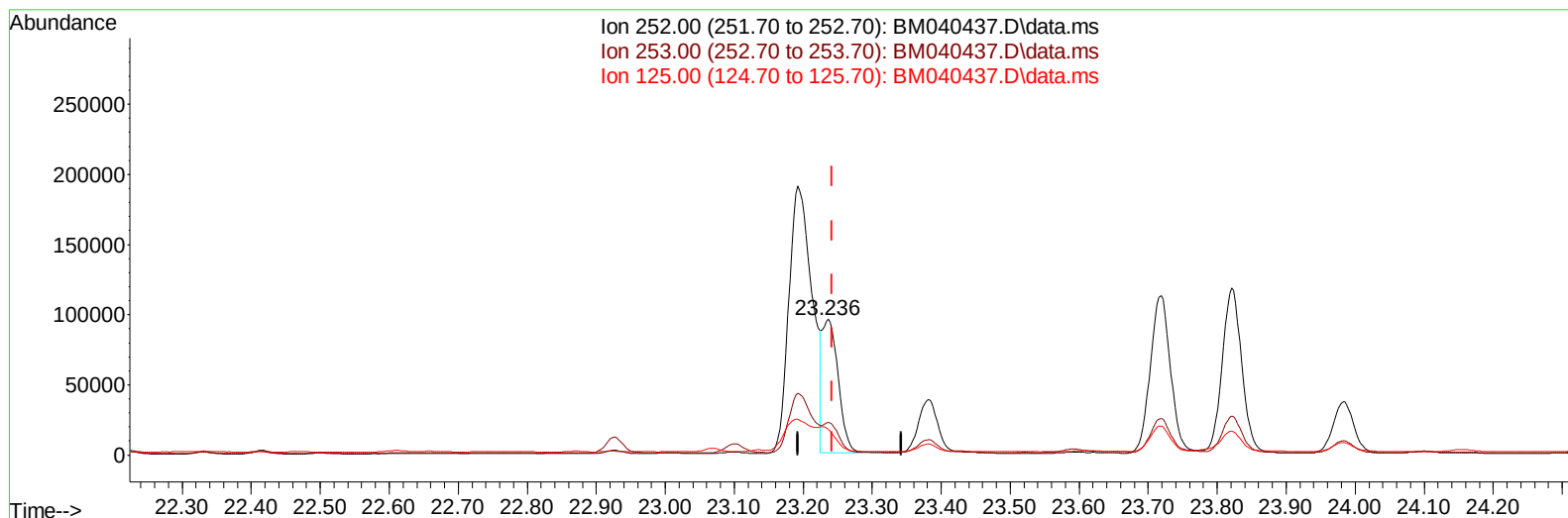
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**(25) Benzo(k)fluoranthene**

23.236min (-0.006) 2.64 ng/ul m

response 153609

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.50  | 24.04  |
| 125.00 | 20.50  | 19.07  |
| 0.00   | 0.00   | 0.00   |

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Instrument :  
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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.944  | 152  | 6057     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.750 | 136  | 20758    | 0.400 | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.586 | 164  | 8780     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.332 | 188  | 15722    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.512 | 240  | 11204    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.929 | 264  | 15265    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.333  | 96   | 27722    | 2.914 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.340 | 152  | 5434     | 0.187 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.356 | 212  | 6981     | 0.194 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.805 | 128  | 8841     | 0.154 | ng/ul# | 92       |
| 7) 2-Methylnaphthalene      | 12.417 | 142  | 6105     | 0.182 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.631 | 142  | 3583     | 0.107 | ng/ul  | 98       |
| 10) Acenaphthylene          | 14.304 | 152  | 79197    | 2.019 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.646 | 153  | 2191     | 0.066 | ng/ul  | 94       |
| 12) Fluorene                | 15.636 | 166  | 3100     | 0.088 | ng/ul# | 93       |
| 15) Phenanthrene            | 17.370 | 178  | 39458    | 0.808 | ng/ul  | 100      |
| 16) Anthracene              | 17.463 | 178  | 61185    | 1.491 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.389 | 202  | 282537   | 5.937 | ng/ul  | 95       |
| 20) Pyrene                  | 19.751 | 202  | 282980   | 5.546 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.494 | 228  | 190332   | 5.022 | ng/ul  | 98       |
| 22) Chrysene                | 21.547 | 228  | 210606   | 4.872 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.192 | 252  | 447086   | 7.568 | ng/ul  | 89       |
| 25) Benzo(k)fluoranthene    | 23.236 | 252  | 153609m  | 2.638 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.821 | 252  | 232436   | 4.368 | ng/ul# | 84       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.437 | 276  | 223568   | 3.017 | ng/ul# | 90       |
| 28) Dibenzo(a,h)anthracene  | 26.447 | 278  | 57817    | 0.996 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 27.215 | 276  | 183178   | 2.820 | ng/ul  | 95       |
| -----                       |        |      |          |       |        |          |

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

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