

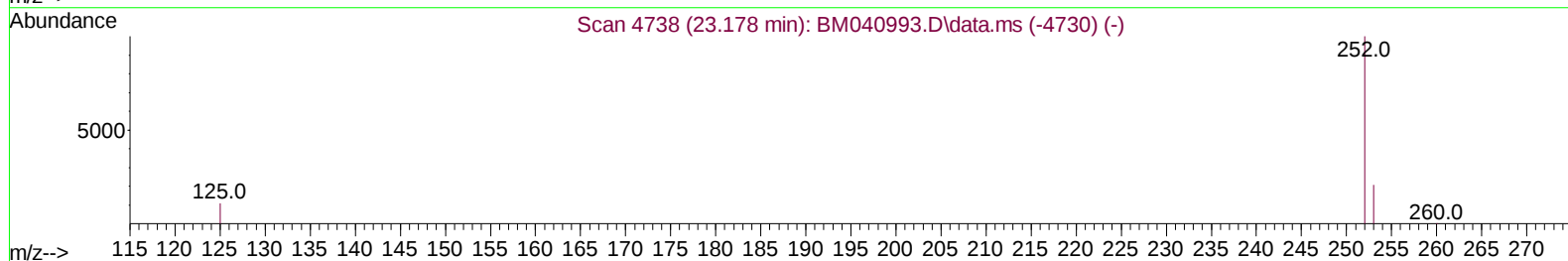
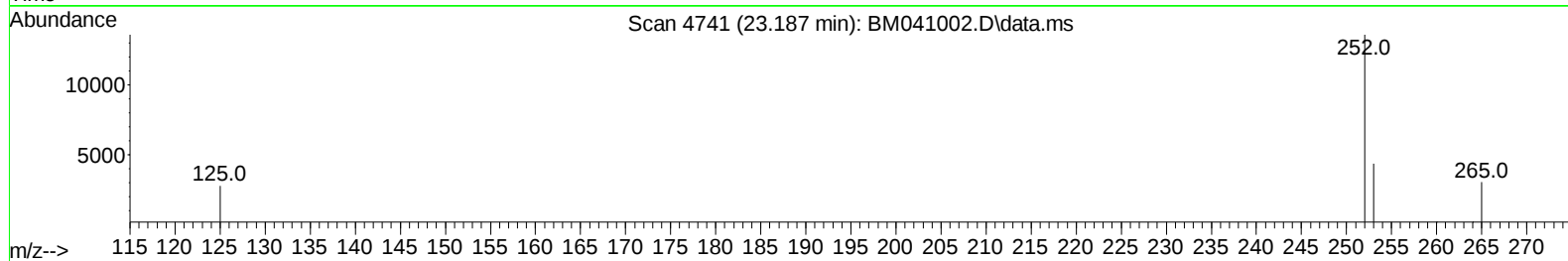
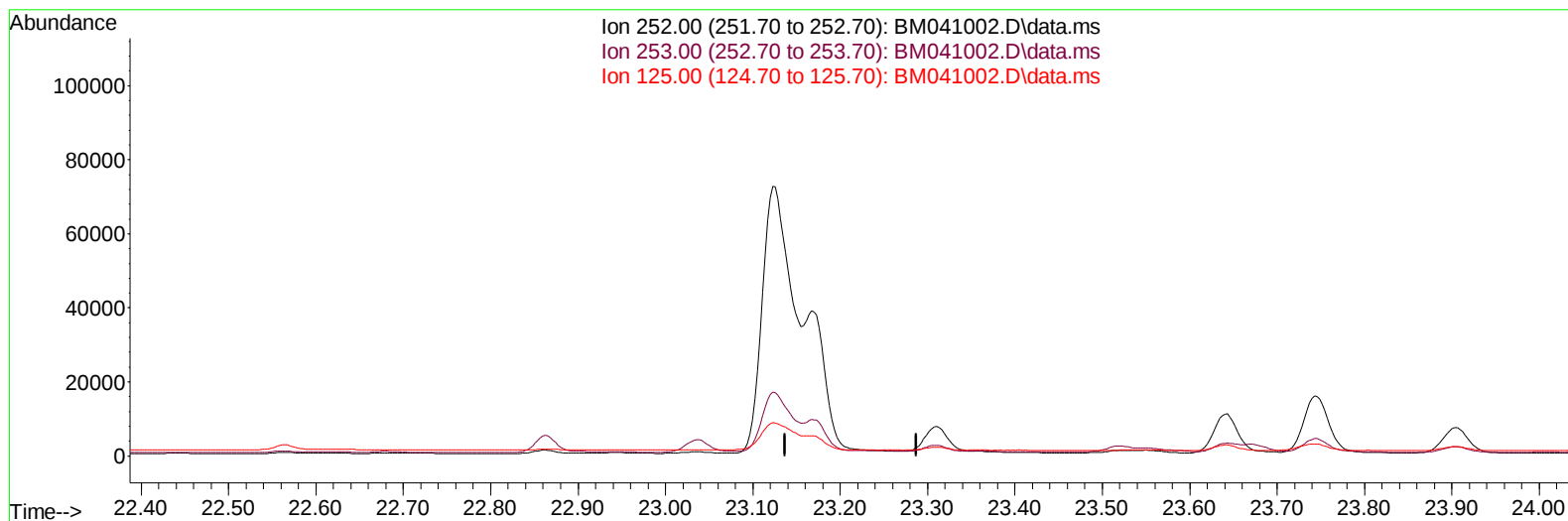
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072023\  
 Data File : BM041002.D  
 Acq On : 21 Jul 2023 04:29  
 Operator : MA/JU  
 Sample : 03444-14  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A46T8

Manual IntegrationsAPPROVED

Quant Time: Jul 21 05:01:28 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 : Thu Jul 20 05:08:42 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/21/2023  
 Supervised By :mohammad ahmed 07/21/2023



TIC: BM041002.D\data.ms

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

23.187min (-23.187) 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  |

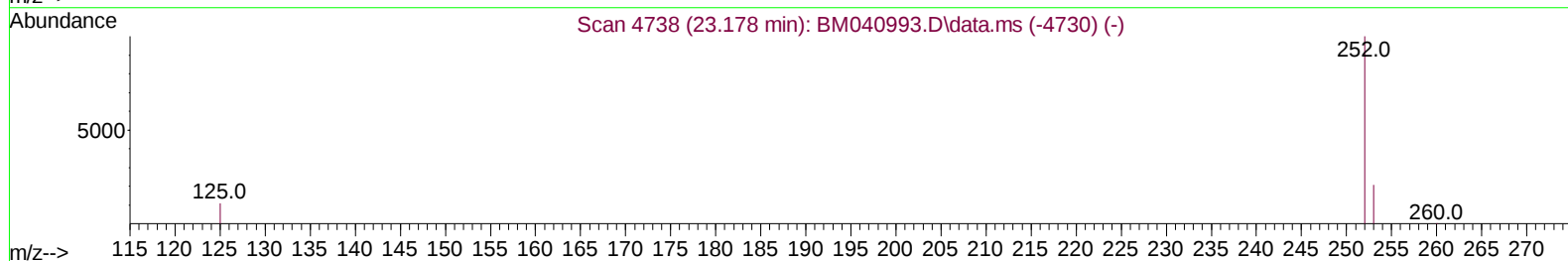
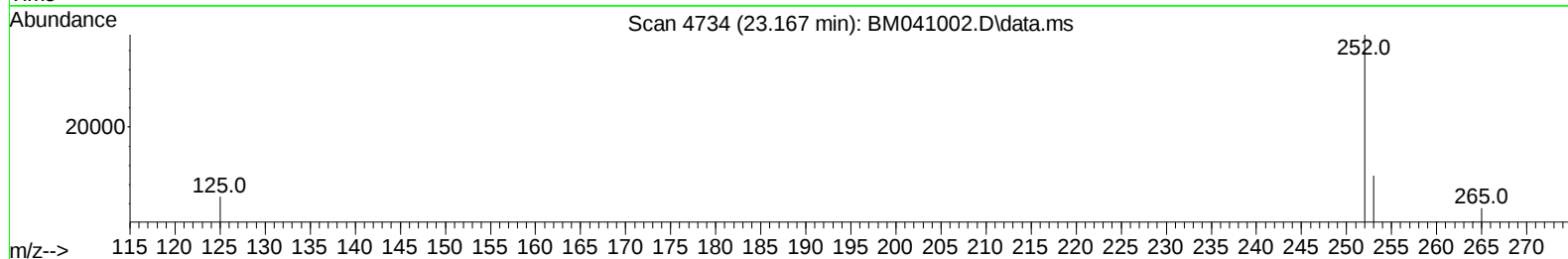
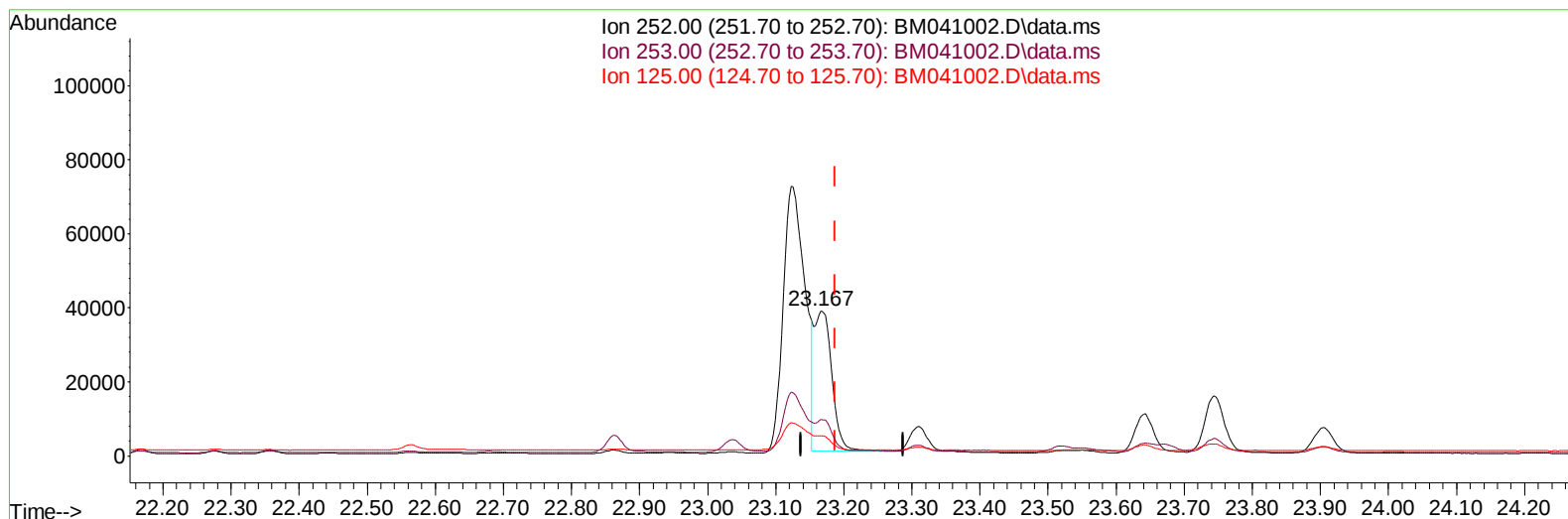
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TIC: BM041002.D\data.ms

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

**23.167min (-0.020) 1.51 ng/ul m**

**response 69751**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 29.10  | 25.03  |
| 125.00 | 22.70  | 13.91# |
| 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   | 7.861  | 152  | 5241     | 0.400 | ng/ul  | -0.02    |
| 4) Naphthalene-d8           | 10.669 | 136  | 18284    | 0.400 | ng/ul  | #-0.01   |
| 9) Acenaphthene-d10         | 14.518 | 164  | 9338     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.270 | 188  | 19131    | 0.400 | ng/ul  | -0.01    |
| 17) Chrysene-d12            | 21.463 | 240  | 13146    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.851 | 264  | 12641    | 0.400 | ng/ul  | #-0.02   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.280  | 96   | 8247     | 0.957 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.264 | 152  | 5408     | 0.222 | ng/ul  | -0.02    |
| 18) Fluoranthene-d10        | 19.301 | 212  | 9496     | 0.172 | ng/ul  | -0.01    |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.719 | 128  | 62897    | 1.258 | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 12.335 | 142  | 14380    | 0.524 | ng/ul  | 97       |
| 8) 1-Methylnaphthalene      | 12.555 | 142  | 10665    | 0.366 | ng/ul  | 99       |
| 10) Acenaphthylene          | 14.236 | 152  | 12921    | 0.330 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.578 | 153  | 35314    | 1.024 | ng/ul  | 97       |
| 12) Fluorene                | 15.568 | 166  | 40112    | 1.124 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.312 | 178  | 433153   | 7.575 | ng/ul  | 98       |
| 16) Anthracene              | 17.405 | 178  | 54885    | 1.232 | ng/ul  | 98       |
| 19) Fluoranthene            | 19.329 | 202  | 464556   | 6.844 | ng/ul  | 95       |
| 20) Pyrene                  | 19.696 | 202  | 248616   | 3.585 | ng/ul# | 93       |
| 21) Benzo(a)anthracene      | 21.445 | 228  | 141061   | 3.522 | ng/ul  | 99       |
| 22) Chrysene                | 21.498 | 228  | 136197   | 2.975 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.123 | 252  | 160466   | 3.307 | ng/ul  | 85       |
| 25) Benzo(k)fluoranthene    | 23.167 | 252  | 69751m   | 1.513 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.743 | 252  | 31339    | 0.748 | ng/ul# | 85       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.320 | 276  | 47818    | 0.860 | ng/ul# | 87       |
| 28) Dibenzo(a,h)anthracene  | 26.330 | 278  | 17766    | 0.422 | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 27.082 | 276  | 3092     | 0.060 | ng/ul# | 64       |
| -----                       |        |      |          |       |        |          |

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

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