

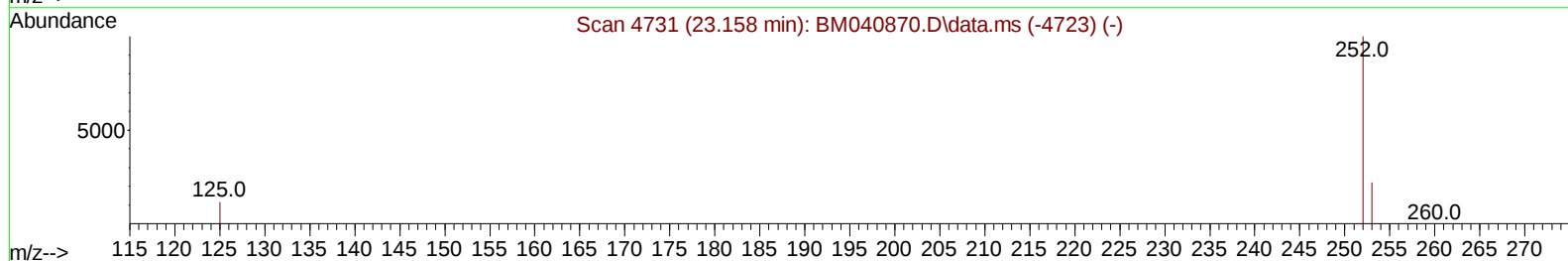
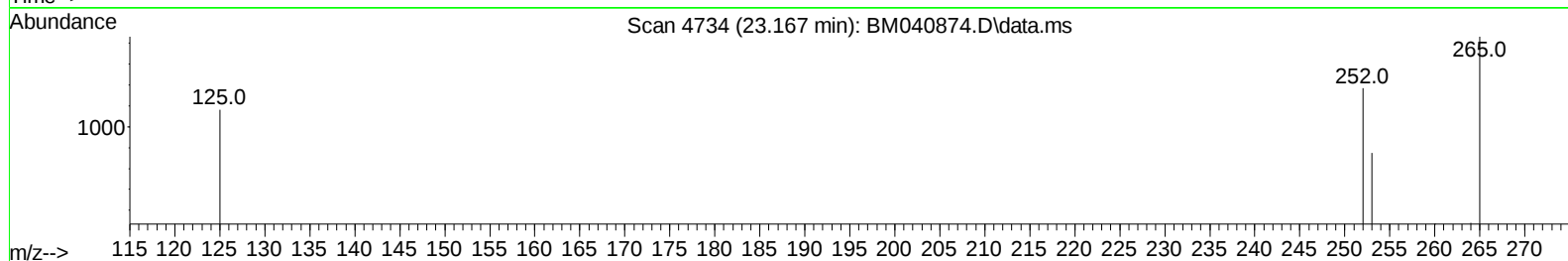
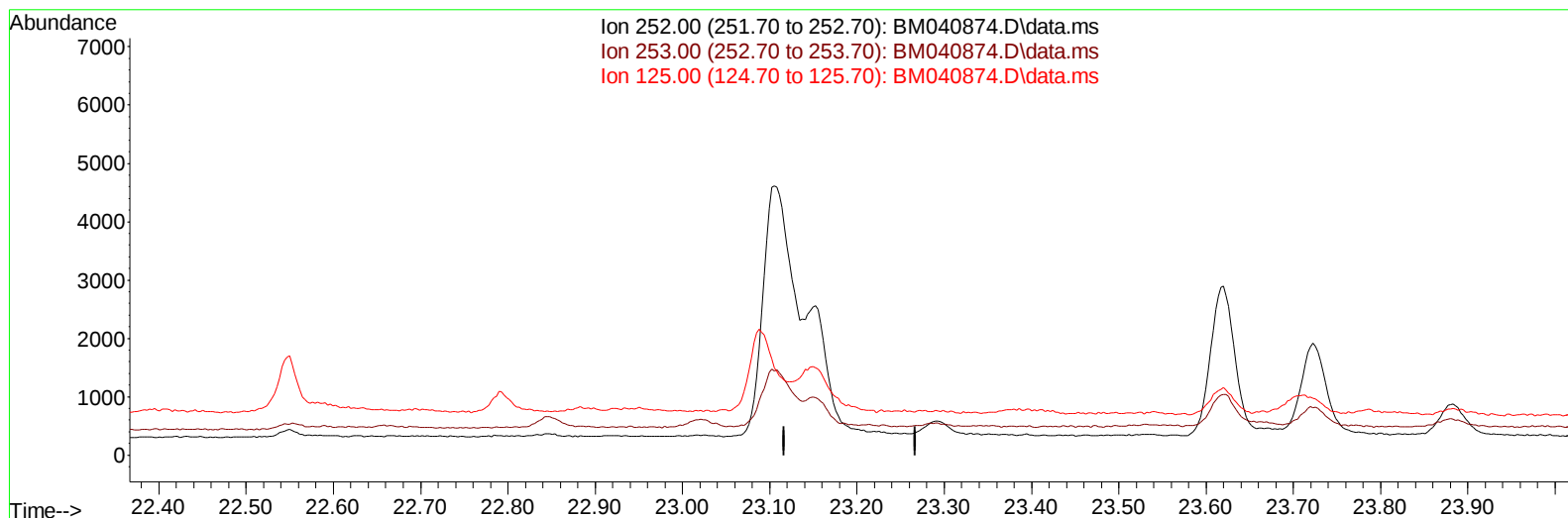
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM071423\  
 Data File : BM040874.D  
 Acq On : 14 Jul 2023 11:53  
 Operator : MA/JU  
 Sample : 03418-15  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCGZ6

Manual IntegrationsAPPROVED

Quant Time: Jul 15 03:14:25 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 Jul 14 03:14:53 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/17/2023  
 Supervised By :mohammad ahmed 07/17/2023



TIC: BM040874.D\data.ms

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

23.167min (-23.167) 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  |

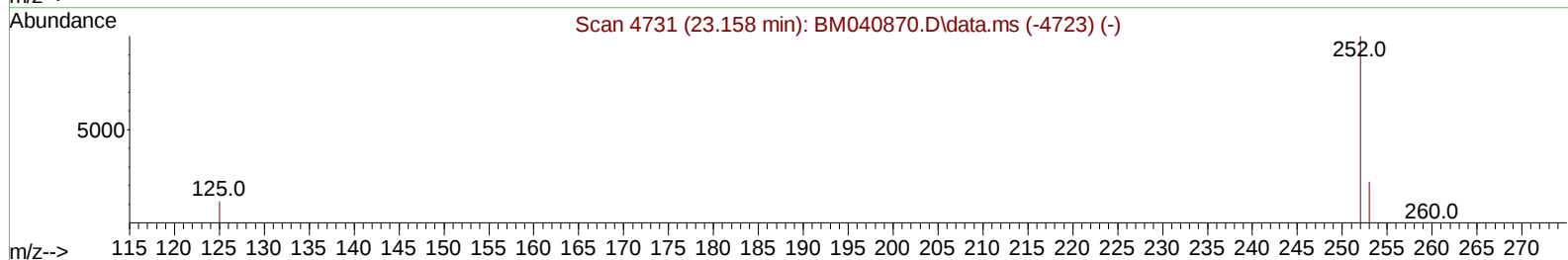
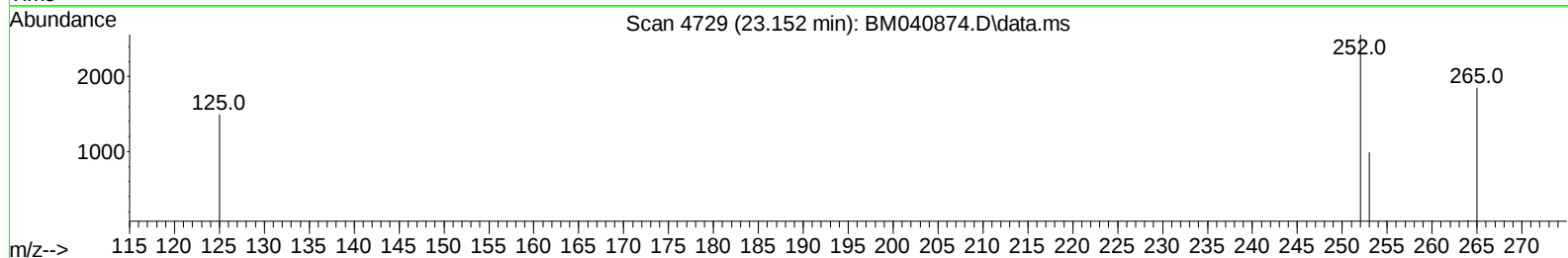
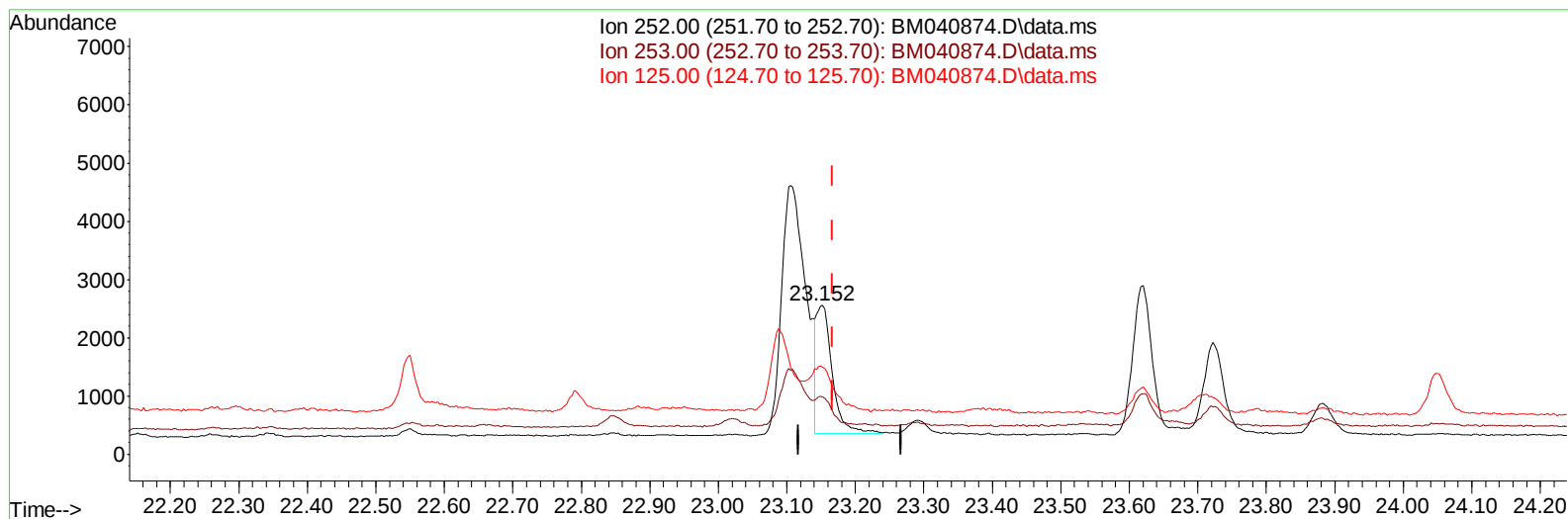
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TIC: BM040874.D\data.ms

(25) Benzo(k)fluoranthene

23.152min (-0.015) 0.13 ng/u1 m

response 3532

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.50  | 38.59# |
| 125.00 | 20.50  | 58.59# |
| 0.00   | 0.00   | 0.00   |

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCGZ6

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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.857  | 152  | 3921     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.664 | 136  | 13466    | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.509 | 164  | 6255     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.261 | 188  | 11548    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.451 | 240  | 7597     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.830 | 264  | 6943     | 0.400 | ng/ul  | -0.02    |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.280  | 96   | 3150     | 0.511 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.253 | 152  | 3206     | 0.170 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.292 | 212  | 5069     | 0.208 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 5) Naphthalene              | 10.713 | 128  | 13424    | 0.361 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.330 | 142  | 774      | 0.035 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.569 | 153  | 493      | 0.021 | ng/ul  | 95       |
| 15) Phenanthrene            | 17.299 | 178  | 11130    | 0.310 | ng/ul  | 100      |
| 16) Anthracene              | 17.392 | 178  | 830      | 0.028 | ng/ul# | 73       |
| 19) Fluoranthene            | 19.320 | 202  | 20445    | 0.634 | ng/ul  | 98       |
| 20) Pyrene                  | 19.682 | 202  | 17244    | 0.498 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.434 | 228  | 5533     | 0.215 | ng/ul  | 96       |
| 22) Chrysene                | 21.486 | 228  | 8504     | 0.290 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.105 | 252  | 10509    | 0.391 | ng/ul  | 84       |
| 25) Benzo(k)fluoranthene    | 23.152 | 252  | 3532m    | 0.133 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.722 | 252  | 3163     | 0.131 | ng/ul# | 63       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.290 | 276  | 4472     | 0.133 | ng/ul  | 89       |
| 28) Dibenzo(a,h)anthracene  | 26.304 | 278  | 1014     | 0.038 | ng/ul# | 20       |
| 29) Benzo(g,h,i)perylene    | 27.048 | 276  | 4602     | 0.156 | ng/ul  | 95       |
| -----                       |        |      |          |       |        |          |

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

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