

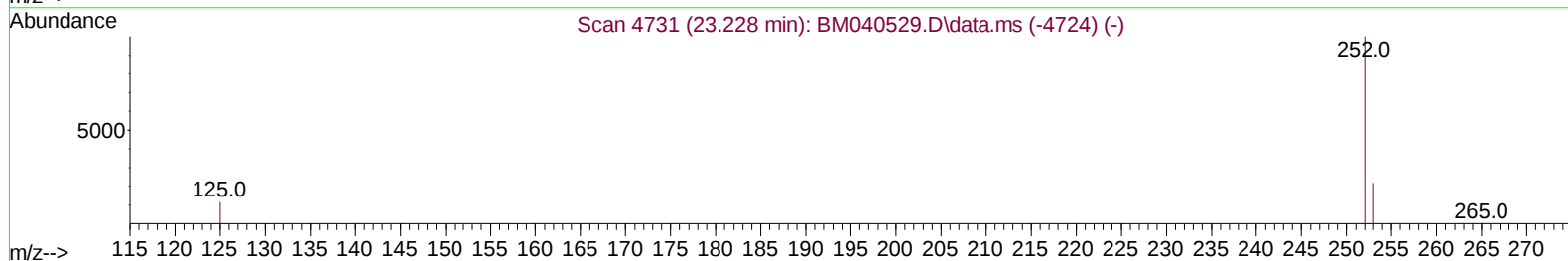
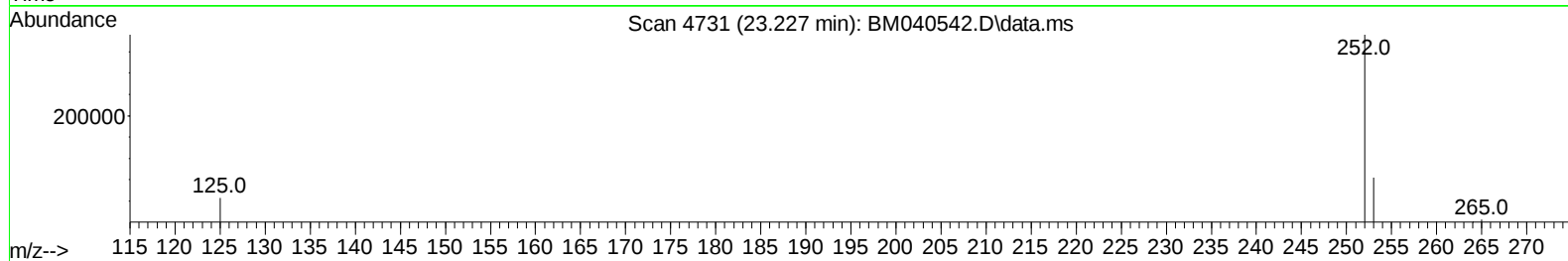
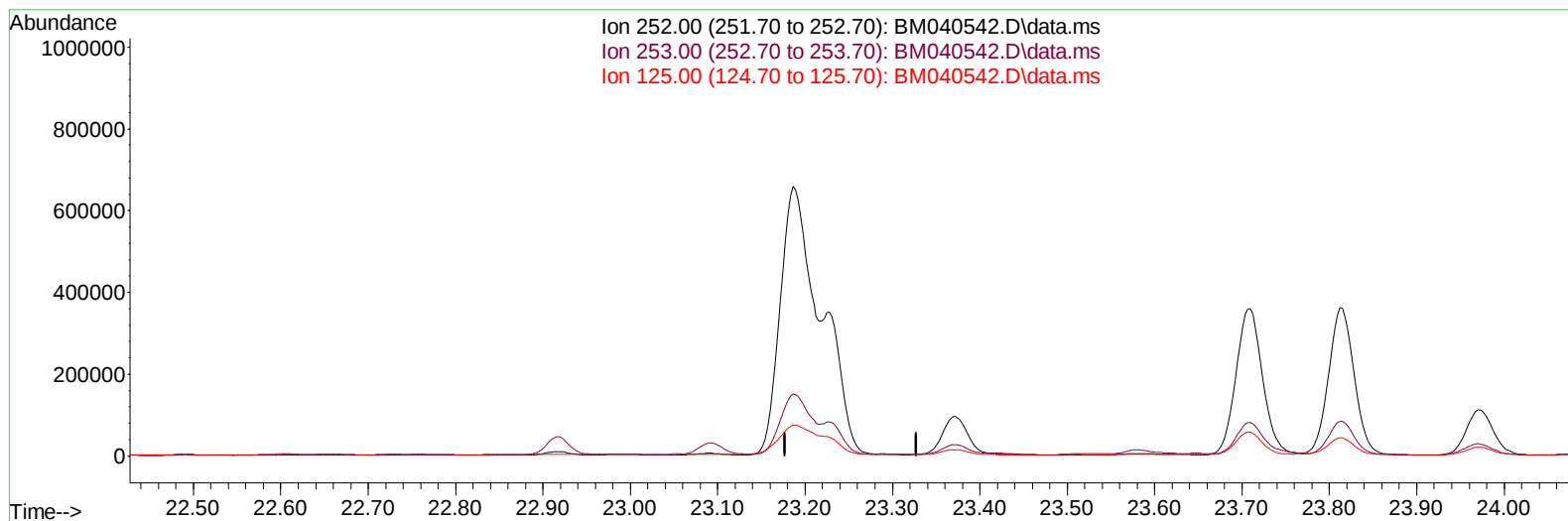
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070123\  
Data File : BM040542.D  
Acq On : 02 Jul 2023 16:17  
Operator : MA/JU  
Sample : 03243-11  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DCGD1

Manual IntegrationsAPPROVED

Quant Time: Jul 03 02:21:45 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 : Sat Jul 01 03:00:05 2023  
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/03/2023  
Supervised By :mohammad ahmed 07/03/2023



TIC: BM040542.D\data.ms

(25) Benzo(k)fluoranthene

23.227min (-23.227) 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  |

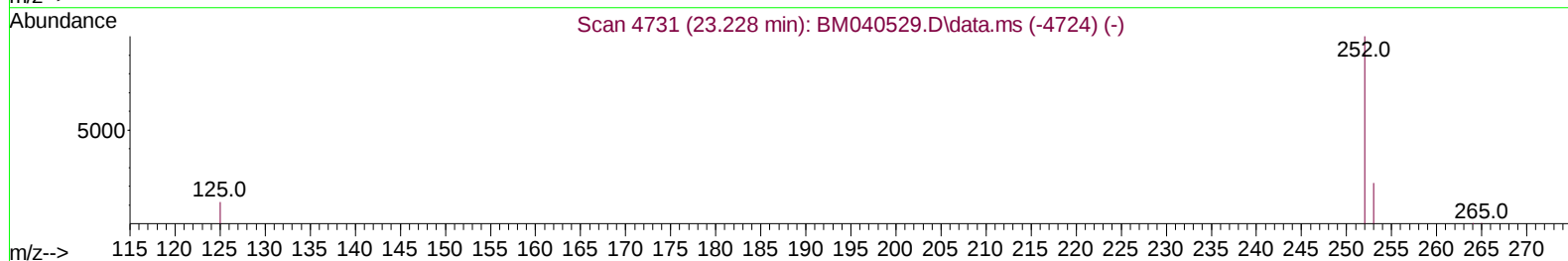
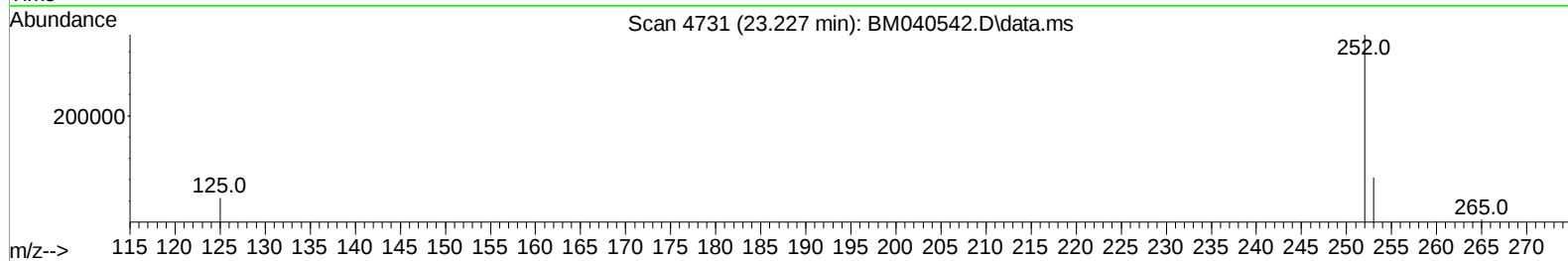
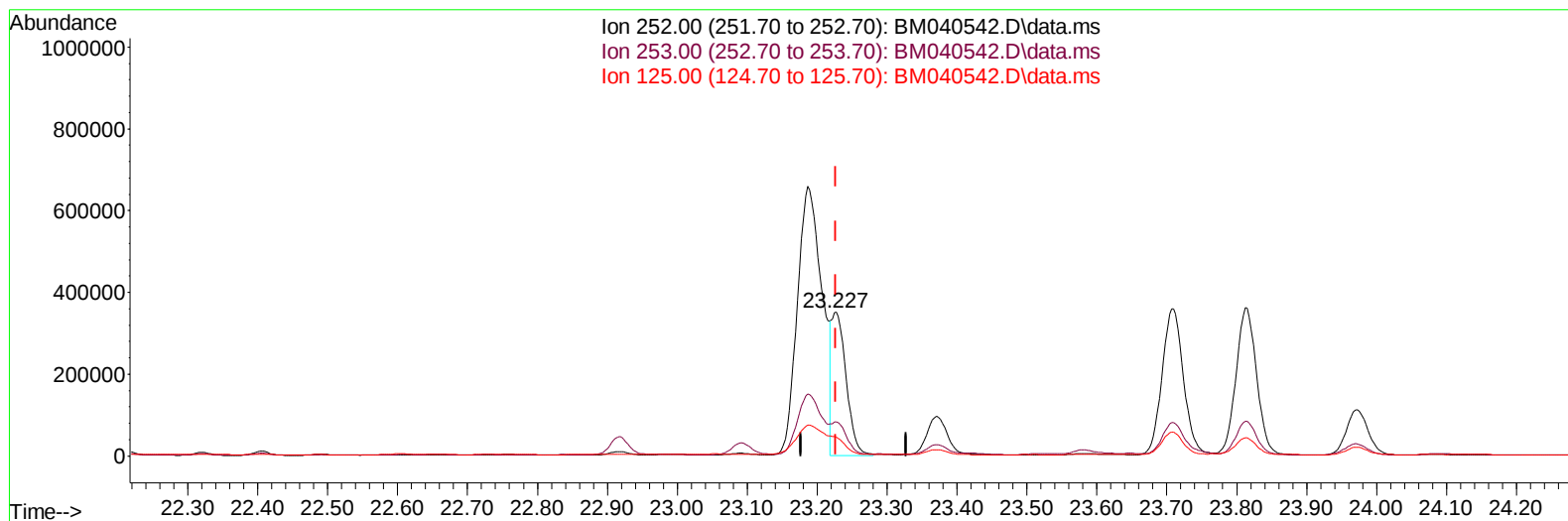
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TIC: BM040542.D\data.ms

(25) Benzo(k)fluoranthene

23.227min ( 0.000) 6.38 ng/u1 m

response 495631

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.50  | 23.82  |
| 125.00 | 20.50  | 13.13# |
| 0.00   | 0.00   | 0.00   |

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 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
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| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.928  | 152  | 6690     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.739 | 136  | 24062    | 0.400  | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.572 | 164  | 14730    | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.319 | 188  | 28511    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.506 | 240  | 19712    | 0.400  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.920 | 264  | 20377    | 0.400  | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.321  | 96   | 37210    | 3.541  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.323 | 152  | 8644     | 0.256  | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.347 | 212  | 16905    | 0.268  | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 5) Naphthalene              | 10.789 | 128  | 119595   | 1.802  | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.400 | 142  | 136721   | 3.508  | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.615 | 142  | 95887    | 2.461  | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.295 | 152  | 170227   | 2.587  | ng/ul  | 98       |
| 11) Acenaphthene            | 14.632 | 153  | 7535     | 0.136  | ng/ul  | 91       |
| 12) Fluorene                | 15.623 | 166  | 11219    | 0.189  | ng/ul# | 84       |
| 14) Pentachlorophenol       | 16.977 | 266  | 265      | 0.048  | ng/ul  | 90       |
| 15) Phenanthrene            | 17.362 | 178  | 402976   | 4.550  | ng/ul  | 99       |
| 16) Anthracene              | 17.455 | 178  | 183063   | 2.460  | ng/ul  | 99       |
| 19) Fluoranthene            | 19.379 | 202  | 1191503  | 14.230 | ng/ul# | 94       |
| 20) Pyrene                  | 19.742 | 202  | 1232225  | 13.727 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.488 | 228  | 834662   | 12.518 | ng/ul  | 98       |
| 22) Chrysene                | 21.541 | 228  | 945099   | 12.426 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.186 | 252  | 1566778  | 19.868 | ng/ul  | 87       |
| 25) Benzo(k)fluoranthene    | 23.227 | 252  | 495631m  | 6.377  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.812 | 252  | 737974   | 10.389 | ng/ul# | 82       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.424 | 276  | 699664   | 7.072  | ng/ul# | 85       |
| 28) Dibenzo(a,h)anthracene  | 26.434 | 278  | 177898   | 2.297  | ng/ul  | 95       |
| 29) Benzo(g,h,i)perylene    | 27.202 | 276  | 591924   | 6.827  | ng/ul  | 94       |
| -----                       |        |      |          |        |        |          |

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

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