

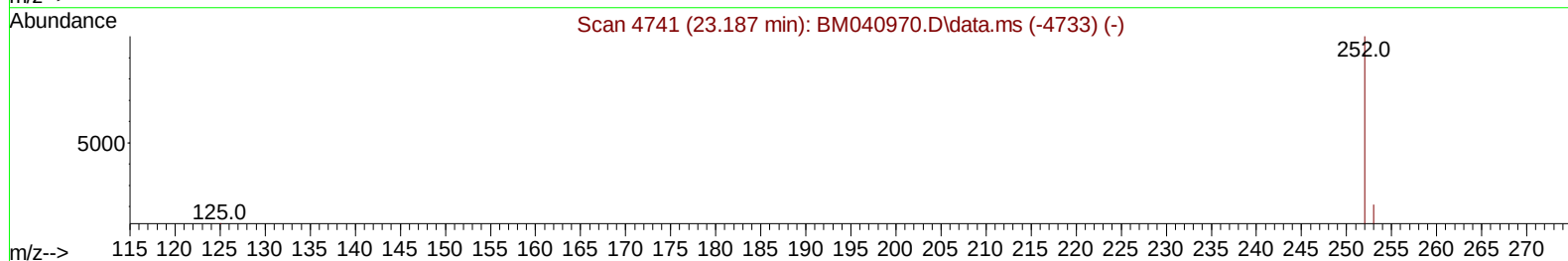
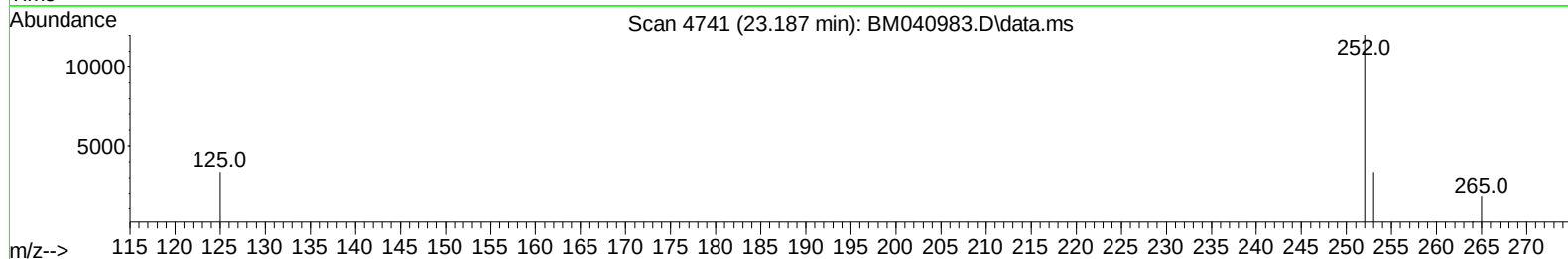
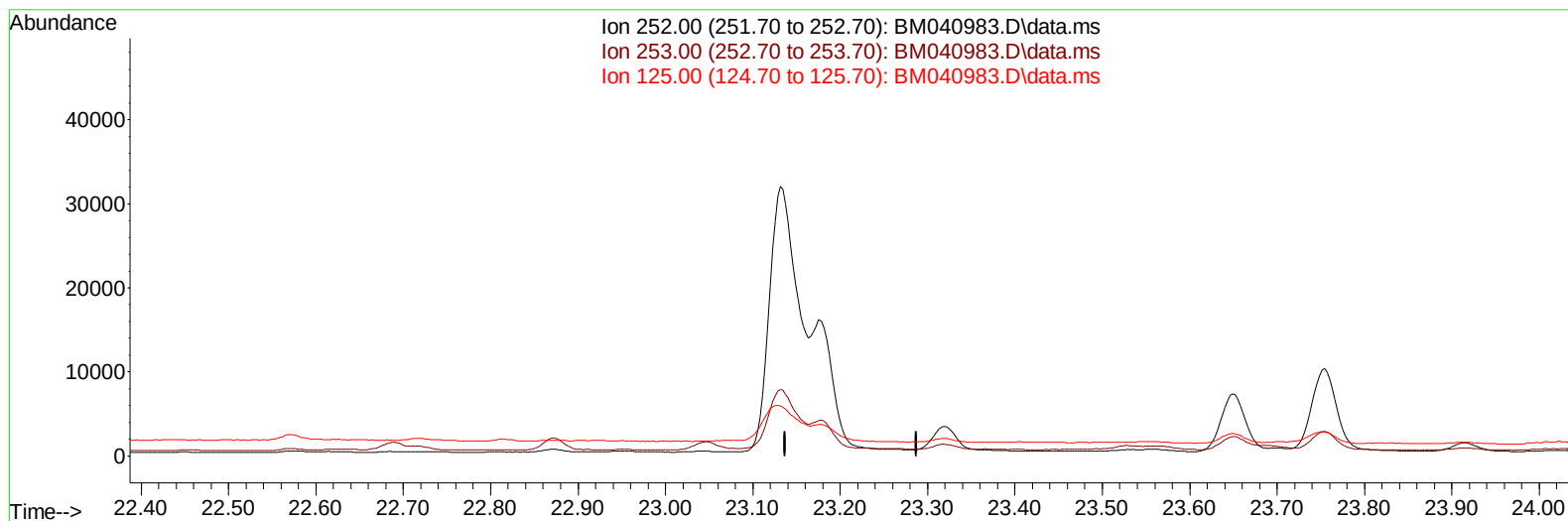
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072023\  
 Data File : BM040983.D  
 Acq On : 20 Jul 2023 16:06  
 Operator : MA/JU  
 Sample : 03452-13  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A46P3

Manual IntegrationsAPPROVED

Quant Time: Jul 20 17:10:04 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 07/20/2023  
 Supervised By :Sohil Jodhani 07/20/2023



TIC: BM040983.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  |

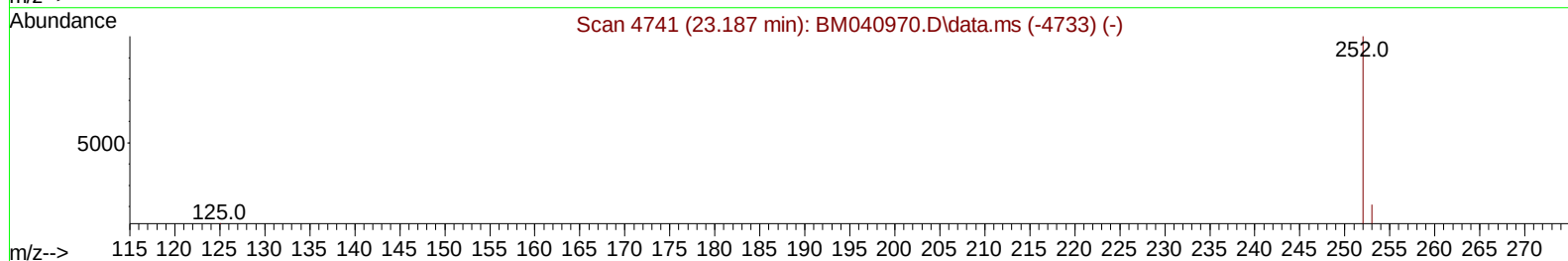
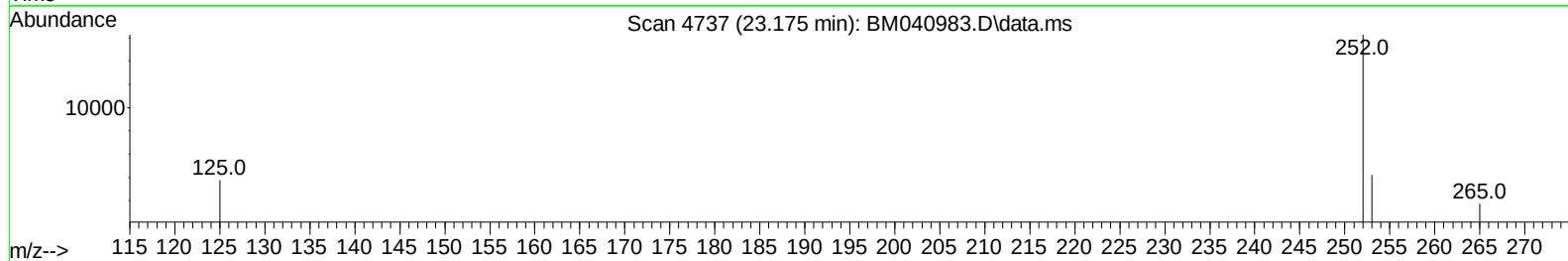
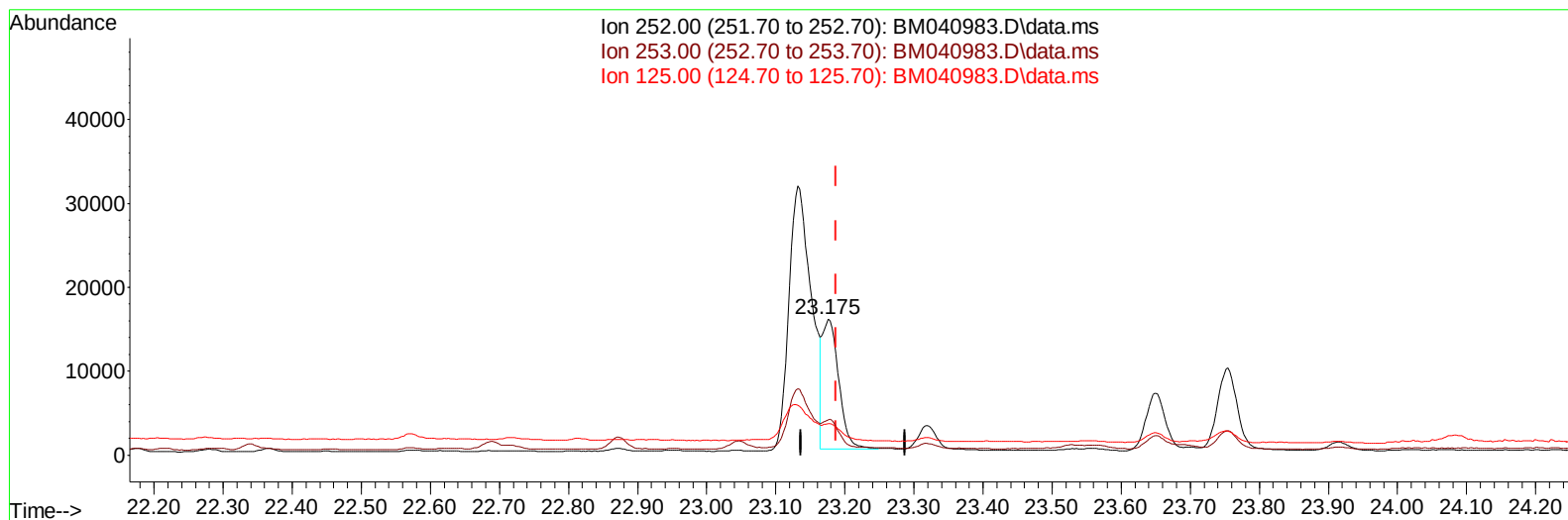
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## (25) Benzo(k)fluoranthene

23.175min (-0.012) 1.02 ng/ul m

response 25781

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 29.10  | 26.03  |
| 125.00 | 22.70  | 23.23  |
| 0.00   | 0.00   | 0.00   |

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 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.866  | 152  | 3669     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.675 | 136  | 9056     | 0.400 | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.518 | 164  | 3989     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.274 | 188  | 8897     | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.469 | 240  | 6378     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.862 | 264  | 6947     | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.279  | 96   | 8870     | 1.470 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.269 | 152  | 3304     | 0.274 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.306 | 212  | 5578     | 0.208 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.724 | 128  | 7868     | 0.318 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.341 | 142  | 799      | 0.059 | ng/ul  | 98       |
| 8) 1-Methylnaphthalene      | 12.561 | 142  | 533      | 0.037 | ng/ul  | 93       |
| 10) Acenaphthylene          | 14.240 | 152  | 2022     | 0.121 | ng/ul# | 83       |
| 11) Acenaphthene            | 14.583 | 153  | 2203     | 0.150 | ng/ul  | 99       |
| 12) Fluorene                | 15.573 | 166  | 2128     | 0.140 | ng/ul# | 97       |
| 15) Phenanthrene            | 17.316 | 178  | 47456    | 1.785 | ng/ul  | 99       |
| 16) Anthracene              | 17.409 | 178  | 6222     | 0.300 | ng/ul  | 97       |
| 19) Fluoranthene            | 19.334 | 202  | 121670   | 3.695 | ng/ul  | 99       |
| 20) Pyrene                  | 19.701 | 202  | 74429    | 2.212 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.454 | 228  | 43670    | 2.248 | ng/ul  | 98       |
| 22) Chrysene                | 21.507 | 228  | 51123    | 2.302 | ng/ul  | 98       |
| 24) Benzo(b)fluoranthene    | 23.132 | 252  | 71318    | 2.675 | ng/ul  | 92       |
| 25) Benzo(k)fluoranthene    | 23.175 | 252  | 25781m   | 1.018 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.754 | 252  | 19949    | 0.866 | ng/ul  | 90       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.327 | 276  | 22507    | 0.736 | ng/ul# | 95       |
| 28) Dibenzo(a,h)anthracene  | 26.337 | 278  | 7773     | 0.336 | ng/ul# | 75       |
| 29) Benzo(g,h,i)perylene    | 27.092 | 276  | 1587     | 0.056 | ng/ul# | 41       |
| -----                       |        |      |          |       |        |          |

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

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