

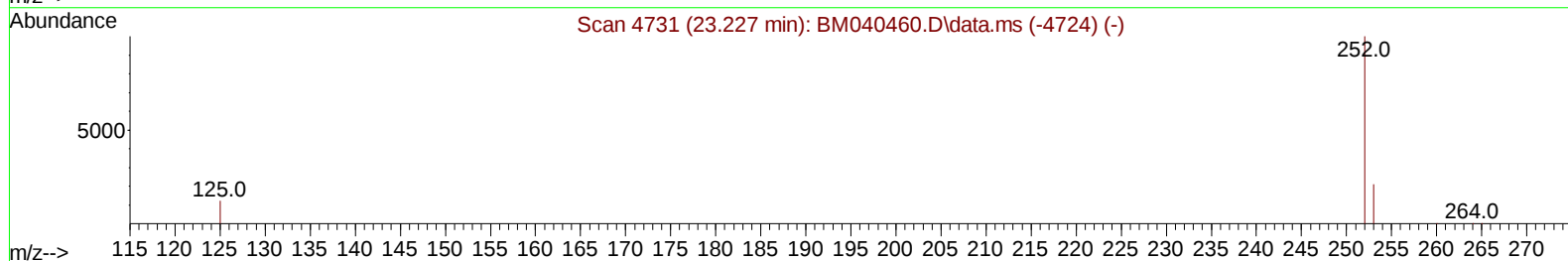
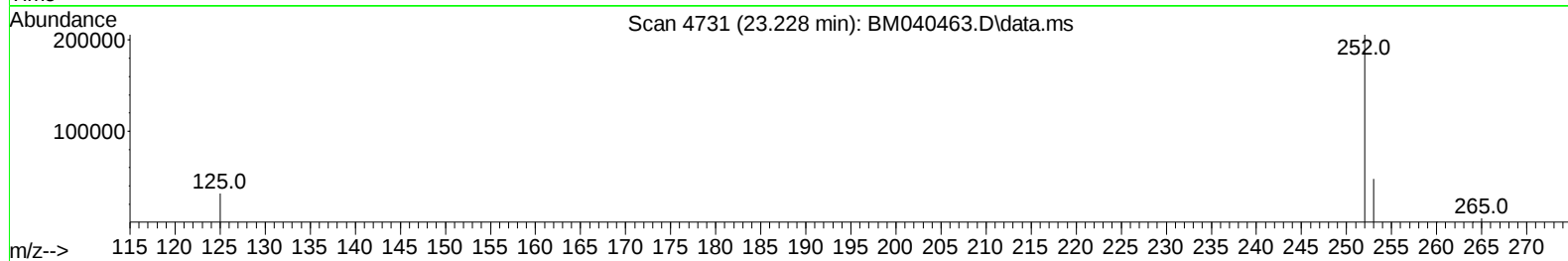
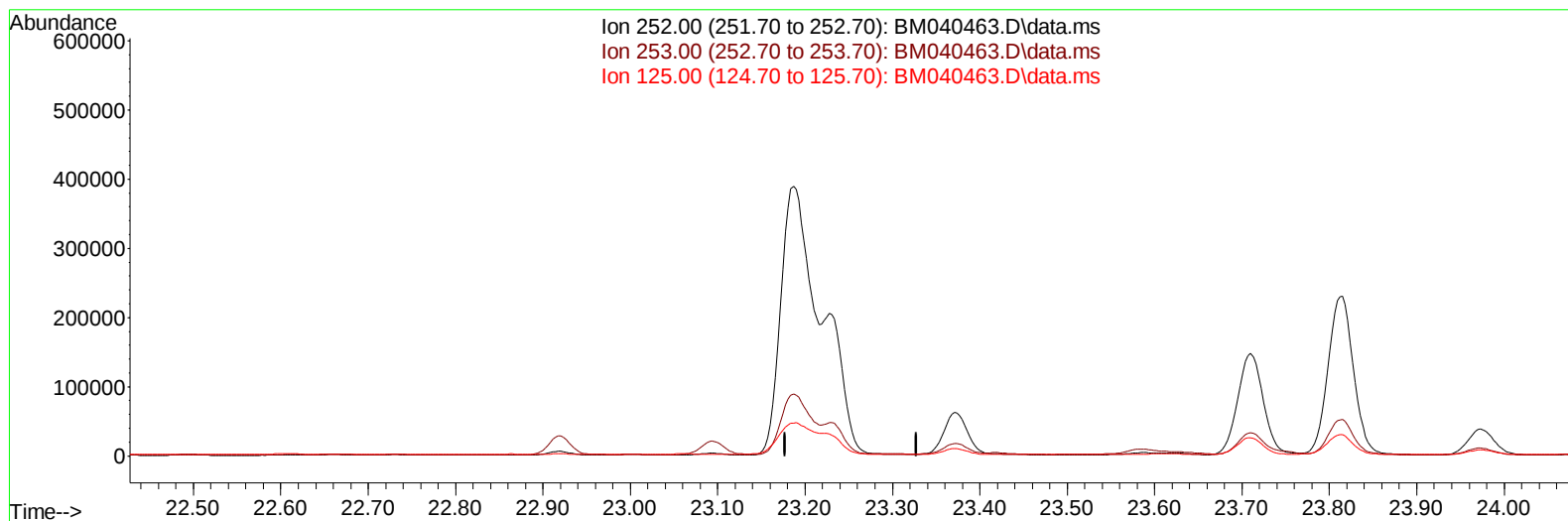
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM063023\  
 Data File : BM040463.D  
 Acq On : 30 Jun 2023 09:39  
 Operator : MA/JU  
 Sample : 03239-03  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCFY1

Manual IntegrationsAPPROVED

Quant Time: Jul 01 03:24:59 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 07/01/2023  
 Supervised By :mohammad ahmed 07/01/2023



TIC: BM040463.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  |

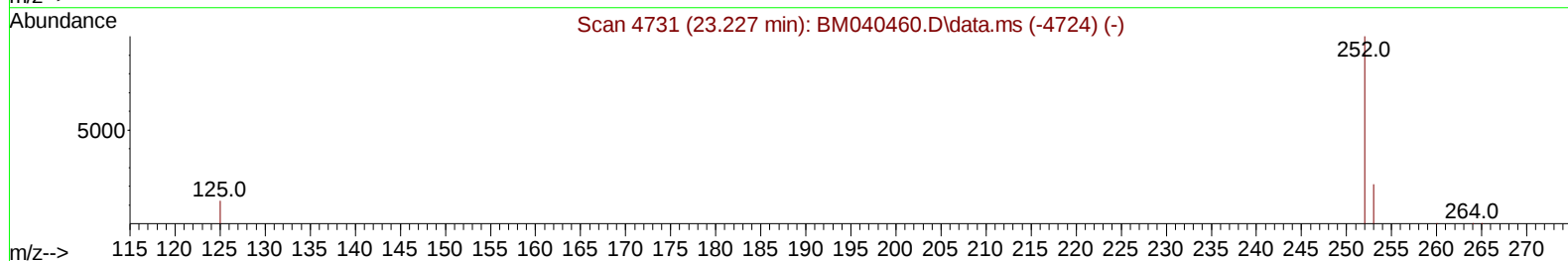
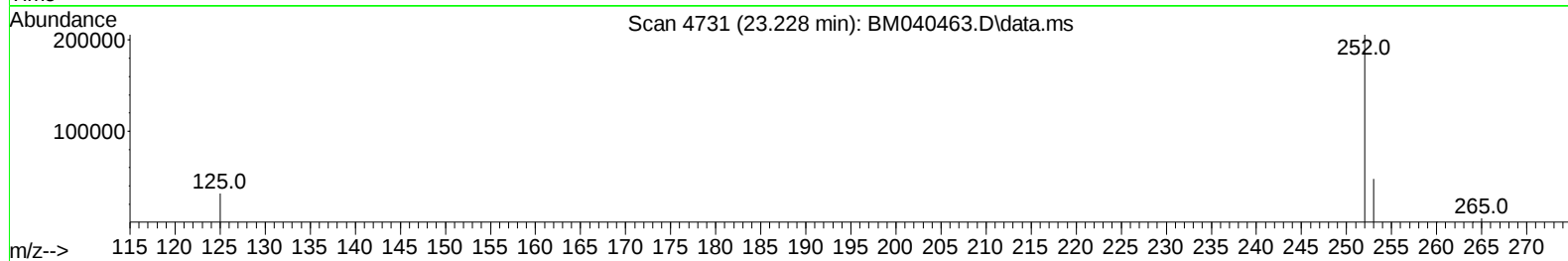
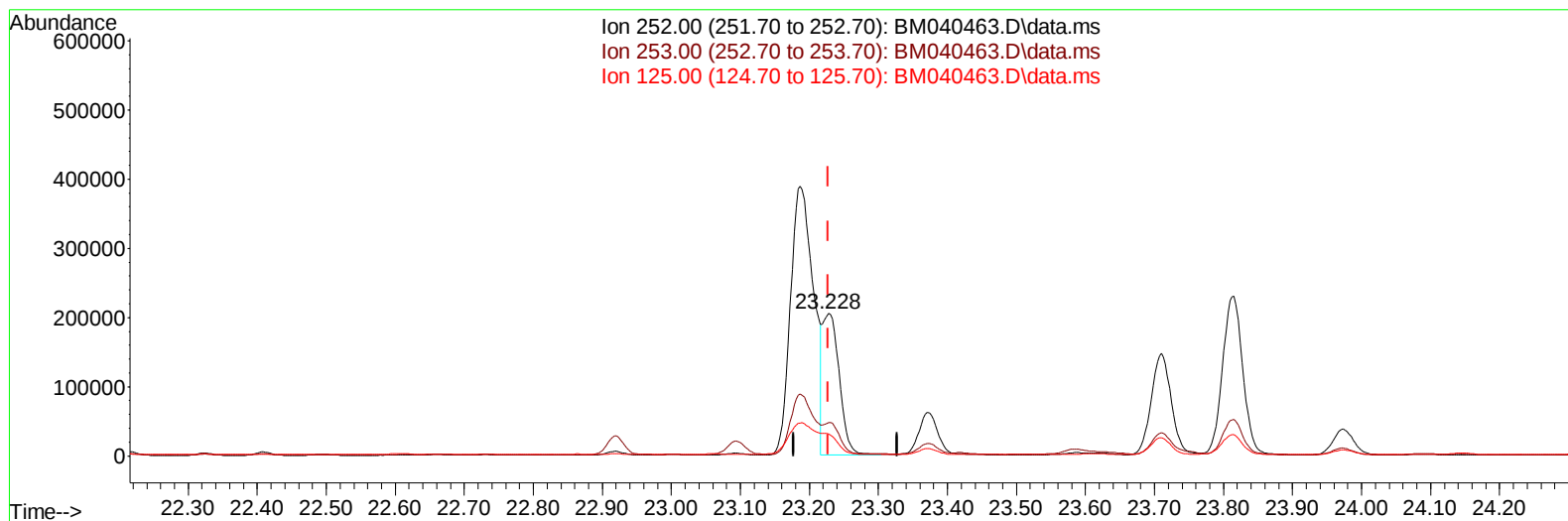
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**(25) Benzo(k)fluoranthene**

23.228min (+ 0.000) 6.07 ng/u1 m

response 342064

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.50  | 23.33  |
| 125.00 | 20.50  | 15.39# |
| 0.00   | 0.00   | 0.00   |

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| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.936  | 152  | 6428     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.745 | 136  | 23180    | 0.400  | ng/ul  | # 0.00   |
| 9) Acenaphthene-d10         | 14.577 | 164  | 10907    | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.324 | 188  | 21443    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.509 | 240  | 12443    | 0.400  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.920 | 264  | 14787    | 0.400  | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.325  | 96   | 25639    | 2.539  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.334 | 152  | 5865     | 0.180  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.352 | 212  | 9153     | 0.229  | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 5) Naphthalene              | 10.795 | 128  | 12557    | 0.196  | ng/ul# | 96       |
| 7) 2-Methylnaphthalene      | 12.406 | 142  | 8247     | 0.220  | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.626 | 142  | 5727     | 0.153  | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.300 | 152  | 20326    | 0.417  | ng/ul  | 98       |
| 11) Acenaphthene            | 14.642 | 153  | 3039     | 0.074  | ng/ul  | 95       |
| 12) Fluorene                | 15.627 | 166  | 4154     | 0.095  | ng/ul# | 97       |
| 15) Phenanthrene            | 17.366 | 178  | 136141   | 2.044  | ng/ul  | 99       |
| 16) Anthracene              | 17.459 | 178  | 51051    | 0.912  | ng/ul  | 99       |
| 19) Fluoranthene            | 19.384 | 202  | 1334365  | 25.246 | ng/ul# | 94       |
| 20) Pyrene                  | 19.747 | 202  | 1086561  | 19.175 | ng/ul  | 96       |
| 21) Benzo(a)anthracene      | 21.491 | 228  | 697178   | 16.565 | ng/ul  | 99       |
| 22) Chrysene                | 21.544 | 228  | 593990   | 12.372 | ng/ul  | 97       |
| 24) Benzo(b)fluoranthene    | 23.187 | 252  | 901222   | 15.749 | ng/ul  | 88       |
| 25) Benzo(k)fluoranthene    | 23.228 | 252  | 342064m  | 6.065  | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.815 | 252  | 467609   | 9.071  | ng/ul# | 82       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.420 | 276  | 376080   | 5.239  | ng/ul# | 87       |
| 28) Dibenzo(a,h)anthracene  | 26.427 | 278  | 100468   | 1.787  | ng/ul  | 97       |
| 29) Benzo(g,h,i)perylene    | 27.198 | 276  | 49799    | 0.791  | ng/ul  | 98       |
| -----                       |        |      |          |        |        |          |

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

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