

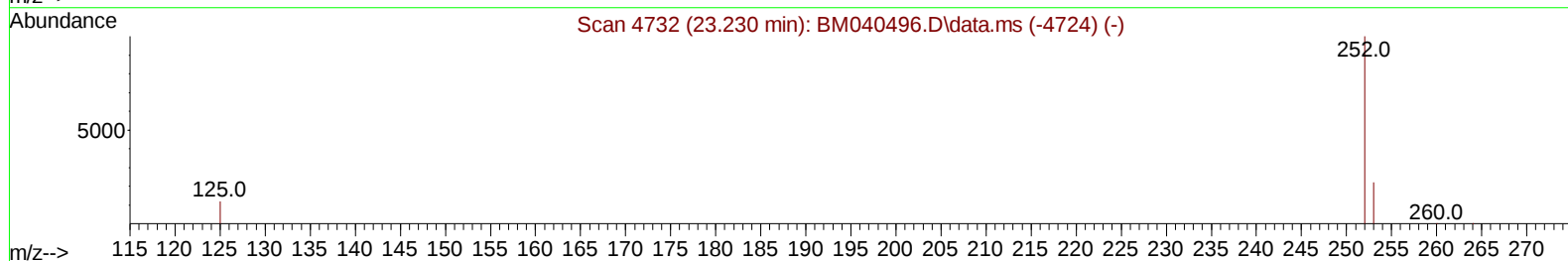
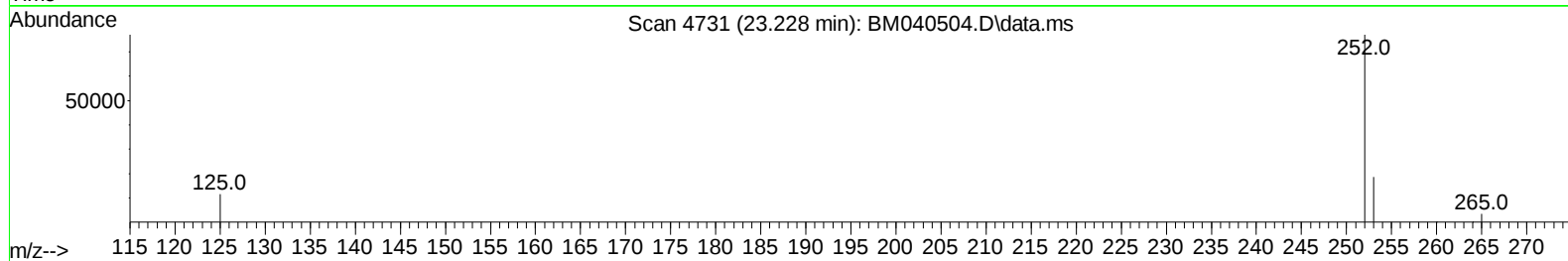
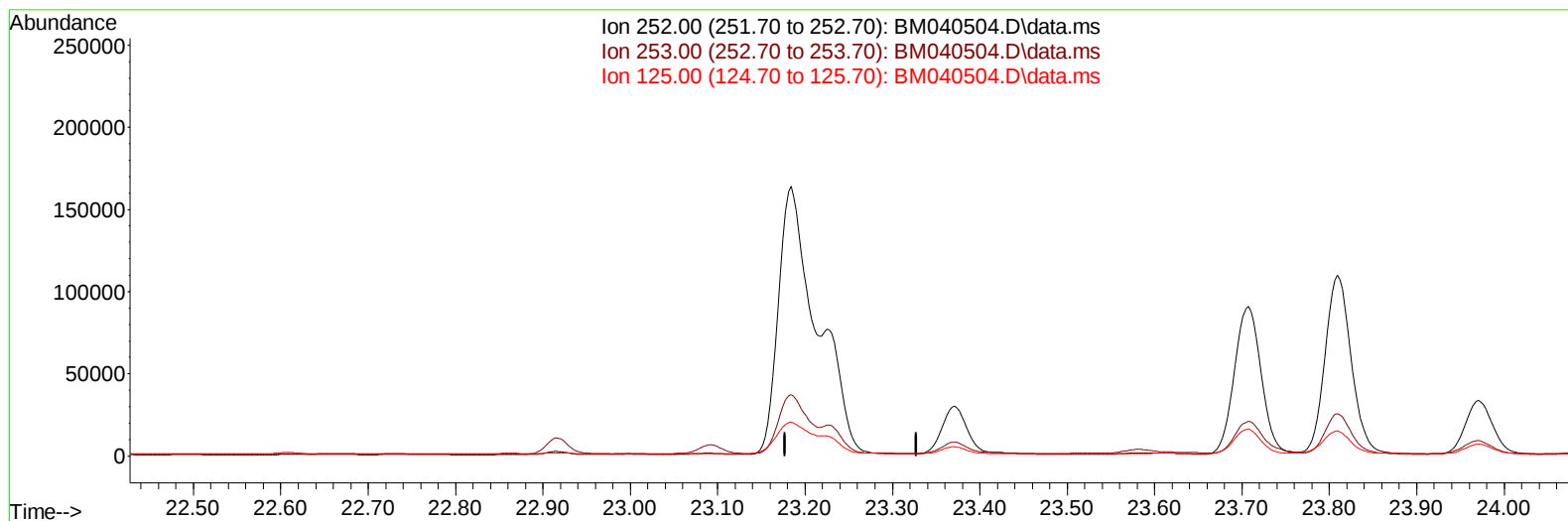
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070123\  
 Data File : BM040504.D  
 Acq On : 01 Jul 2023 15:31  
 Operator : MA/JU  
 Sample : 03161-14DL 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCFX0DL

Manual IntegrationsAPPROVED

Quant Time: Jul 01 23:47:45 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 07/02/2023  
 Supervised By :Sohil Jodhani 07/02/2023



TIC: BM040504.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  |

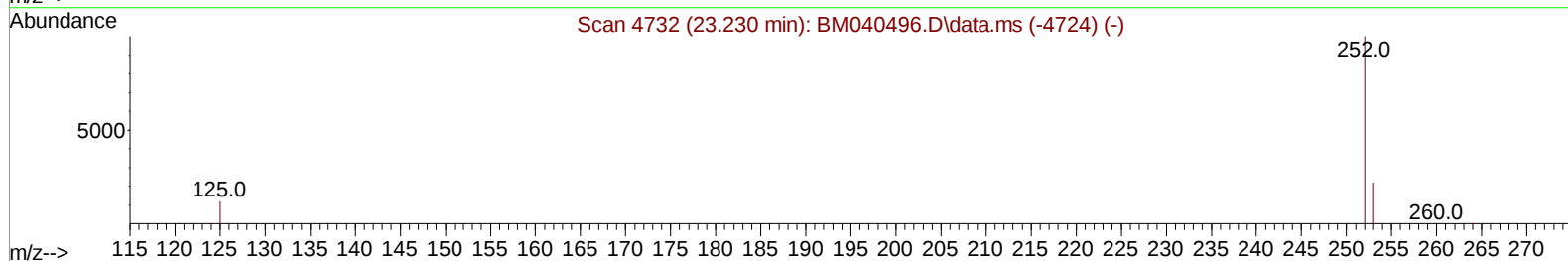
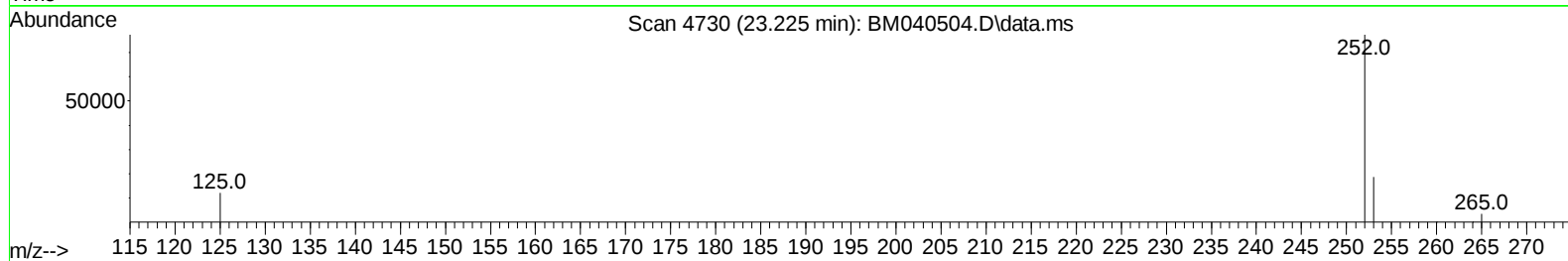
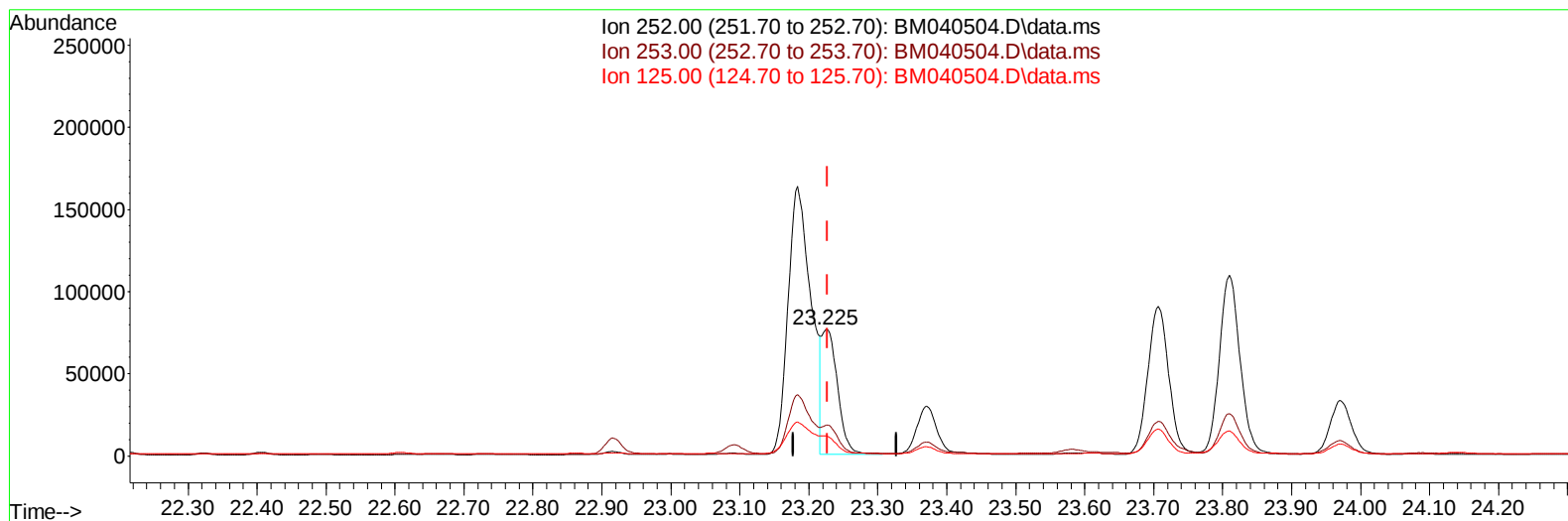
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**(25) Benzo(k)fluoranthene**

**23.225min (-0.003) 1.75 ng/u1 m**

**response 121339**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.50  | 24.19  |
| 125.00 | 20.50  | 15.69# |
| 0.00   | 0.00   | 0.00   |

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 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
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| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.932  | 152  | 8518     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.740 | 136  | 30813    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.577 | 164  | 14566    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.324 | 188  | 28856    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.506 | 240  | 17475    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.918 | 264  | 18211    | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.325  | 96   | 6291     | 0.470 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.334 | 152  | 1522     | 0.035 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.347 | 212  | 2271     | 0.041 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 5) Naphthalene              | 10.789 | 128  | 21281    | 0.250 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.406 | 142  | 5614     | 0.112 | ng/ul  | 99       |
| 8) 1-Methylnaphthalene      | 12.620 | 142  | 3261     | 0.065 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.295 | 152  | 71783    | 1.103 | ng/ul  | 100      |
| 11) Acenaphthene            | 14.637 | 153  | 7037     | 0.128 | ng/ul  | 98       |
| 12) Fluorene                | 15.623 | 166  | 7481     | 0.128 | ng/ul# | 97       |
| 15) Phenanthrene            | 17.366 | 178  | 151698   | 1.692 | ng/ul  | 98       |
| 16) Anthracene              | 17.455 | 178  | 50552    | 0.671 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.380 | 202  | 505198   | 6.806 | ng/ul  | 94       |
| 20) Pyrene                  | 19.742 | 202  | 388470   | 4.881 | ng/ul  | 97       |
| 21) Benzo(a)anthracene      | 21.489 | 228  | 208802   | 3.532 | ng/ul  | 97       |
| 22) Chrysene                | 21.541 | 228  | 210823   | 3.127 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.184 | 252  | 377725   | 5.360 | ng/ul  | 88       |
| 25) Benzo(k)fluoranthene    | 23.225 | 252  | 121339m  | 1.747 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.809 | 252  | 227842   | 3.589 | ng/ul# | 83       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.420 | 276  | 208144   | 2.354 | ng/ul# | 87       |
| 28) Dibenzo(a,h)anthracene  | 26.424 | 278  | 48630    | 0.703 | ng/ul  | 96       |
| 29) Benzo(g,h,i)perylene    | 27.195 | 276  | 187902   | 2.425 | ng/ul  | 95       |
| -----                       |        |      |          |       |        |          |

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

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