

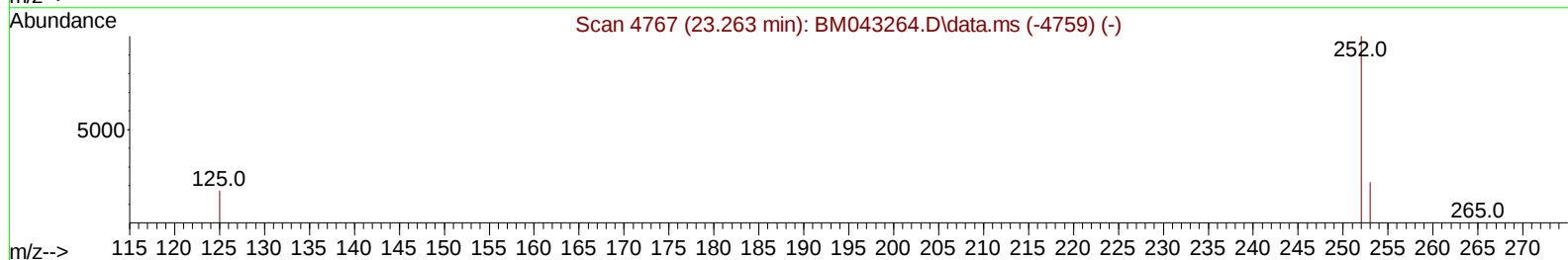
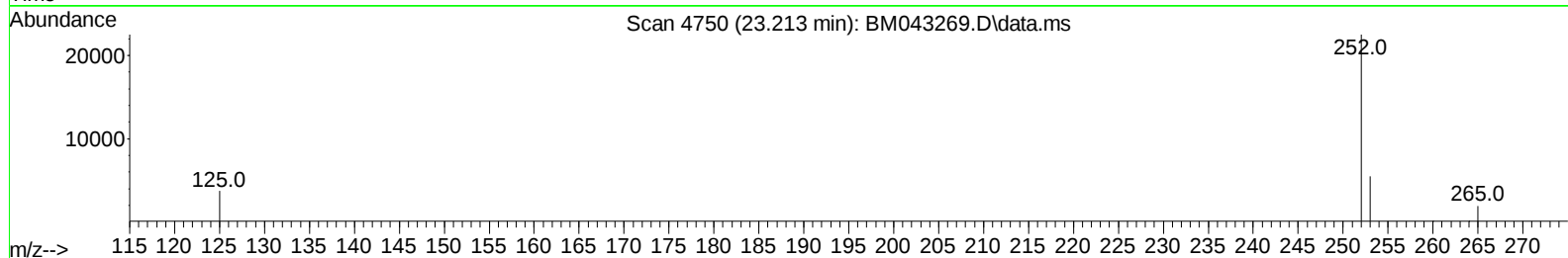
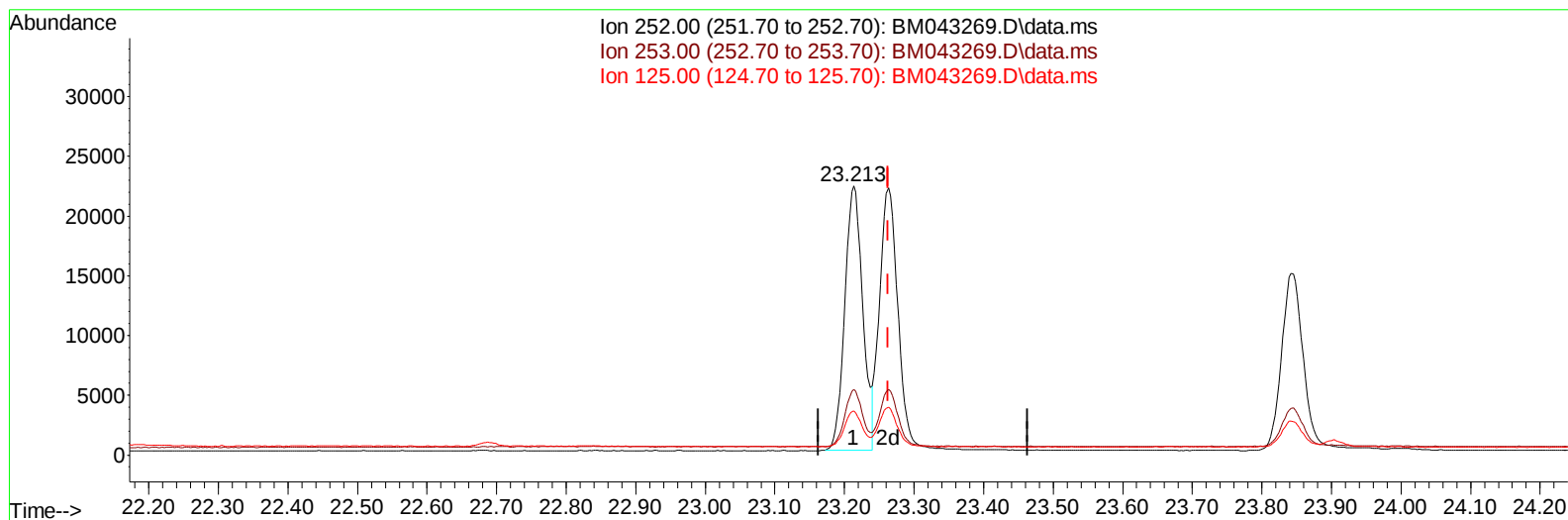
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121123\  
 Data File : BM043269.D  
 Acq On : 12 Dec 2023 18:23  
 Operator : MA/JU  
 Sample : 05673-03MSD  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BHEH8MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 12 22:52:43 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM121123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 11 16:25:39 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2023  
 Supervised By :mohammad ahmed 12/14/2023



TIC: BM043269.D\data.ms

(25) Benzo(k)fluoranthene

23.213min (-0.050) 0.22 ng/u1

response 39885

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 23.30  | 24.51  |
| 125.00 | 14.80  | 16.44  |
| 0.00   | 0.00   | 0.00   |

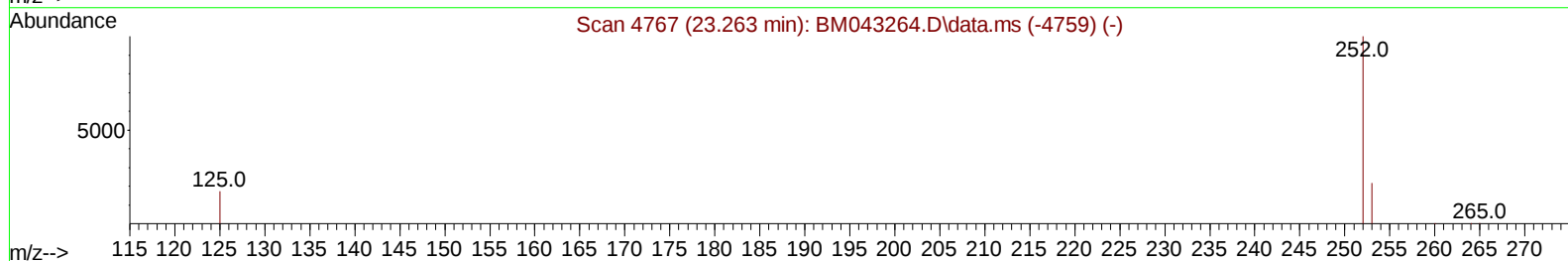
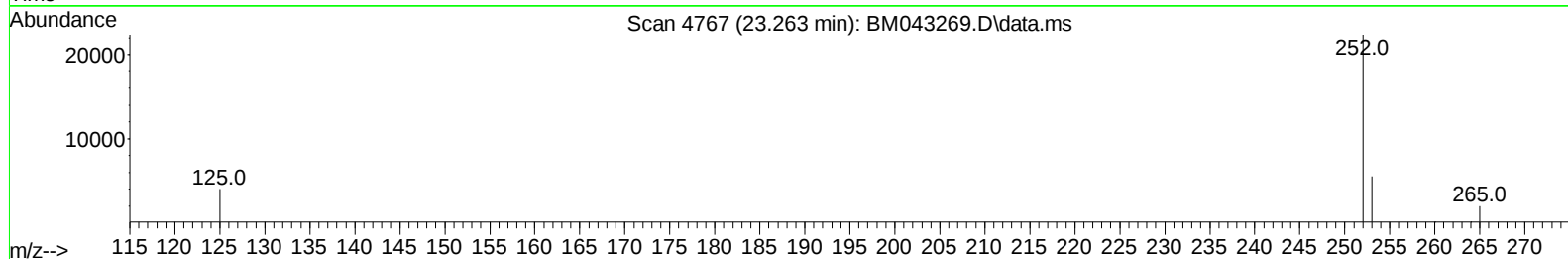
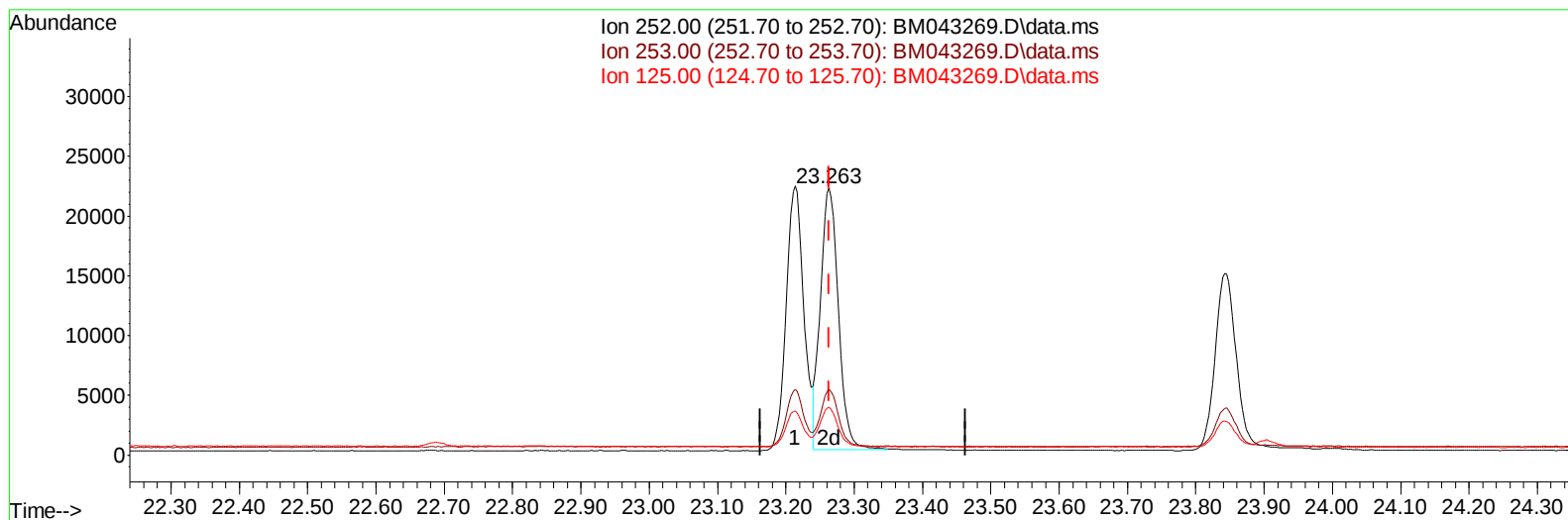
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121123\  
 Data File : BM043269.D  
 Acq On : 12 Dec 2023 18:23  
 Operator : MA/JU  
 Sample : 05673-03MSD  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BHEH8MSD

Manual IntegrationsAPPROVED

Quant Time: Dec 12 22:52:43 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM121123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 11 16:25:39 2023  
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/14/2023  
 Supervised By :mohammad ahmed 12/14/2023



TIC: BM043269.D\data.ms

(25) Benzo(k)fluoranthene

23.263min (-0.000) 0.22 ng/u1 m

response 40177

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 23.30  | 24.55  |
| 125.00 | 14.80  | 17.86# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM121123\  
 Data File : BM043269.D  
 Acq On : 12 Dec 2023 18:23  
 Operator : MA/JU  
 Sample : 05673-03MSD  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BHEH8MSD

## Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/14/2023  
 Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 12 22:52:43 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM121123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 11 16:25:39 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.005  | 152  | 18140    | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.812 | 136  | 59541    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.629 | 164  | 32380    | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.367 | 188  | 65103    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.536 | 240  | 39421    | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.953 | 264  | 38251    | 0.400 | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.406  | 96   | 3049     | 0.133 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.390 | 152  | 14033    | 0.166 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.385 | 212  | 32921    | 0.234 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.440  | 88   | 9506     | 0.414 | ng/ul  | 91       |
| 5) Naphthalene              | 10.861 | 128  | 36836    | 0.206 | ng/ul  | 99       |
| 7) 2-Methylnaphthalene      | 12.467 | 142  | 20149    | 0.174 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.682 | 142  | 19353    | 0.167 | ng/ul  | 100      |
| 10) Acenaphthylene          | 14.351 | 152  | 32943    | 0.185 | ng/ul  | 99       |
| 11) Acenaphthene            | 14.689 | 153  | 24171    | 0.186 | ng/ul  | 99       |
| 12) Fluorene                | 15.675 | 166  | 28719    | 0.195 | ng/ul  | 98       |
| 14) Pentachlorophenol       | 17.012 | 266  | 8623     | 0.598 | ng/ul  | 98       |
| 15) Phenanthrene            | 17.409 | 178  | 48759    | 0.225 | ng/ul  | 100      |
| 16) Anthracene              | 17.497 | 178  | 43774    | 0.222 | ng/ul  | 99       |
| 19) Fluoranthene            | 19.417 | 202  | 50212    | 0.226 | ng/ul  | 97       |
| 20) Pyrene                  | 19.775 | 202  | 52215    | 0.237 | ng/ul  | 98       |
| 21) Benzo(a)anthracene      | 21.518 | 228  | 41852    | 0.242 | ng/ul  | 99       |
| 22) Chrysene                | 21.571 | 228  | 41828    | 0.229 | ng/ul  | 99       |
| 24) Benzo(b)fluoranthene    | 23.213 | 252  | 39885    | 0.230 | ng/ul  | 98       |
| 25) Benzo(k)fluoranthene    | 23.263 | 252  | 40177m   | 0.223 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.842 | 252  | 33220    | 0.232 | ng/ul  | 98       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.465 | 276  | 37315    | 0.229 | ng/ul# | 96       |
| 28) Dibenzo(a,h)anthracene  | 26.499 | 278  | 29843    | 0.231 | ng/ul  | 99       |
| 29) Benzo(g,h,i)perylene    | 27.233 | 276  | 31021    | 0.223 | ng/ul  | 100      |
| -----                       |        |      |          |       |        |          |

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

