

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072924\  
Data File : BM046880.D  
Acq On : 29 Jul 2024 13:00  
Operator : MA/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
LabSampleId :  
SSTDCCC0.4

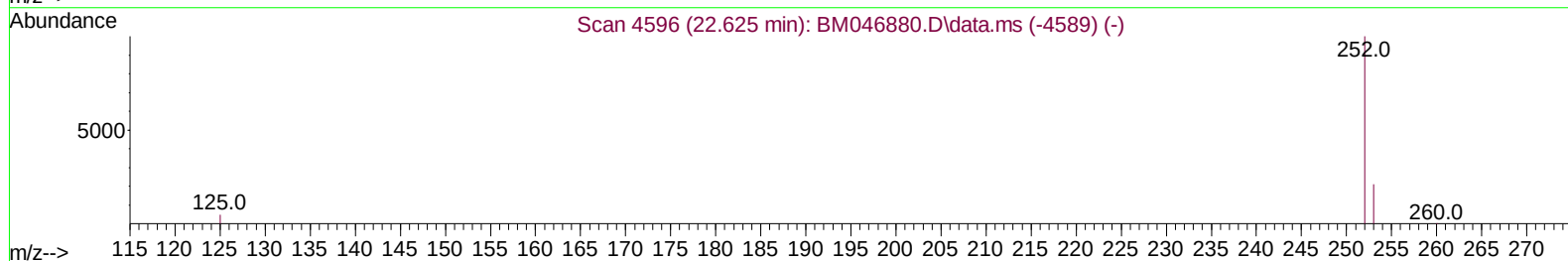
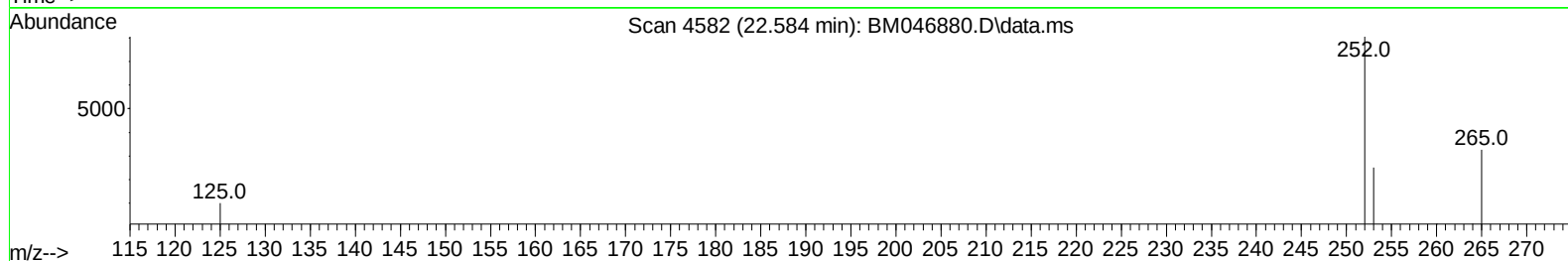
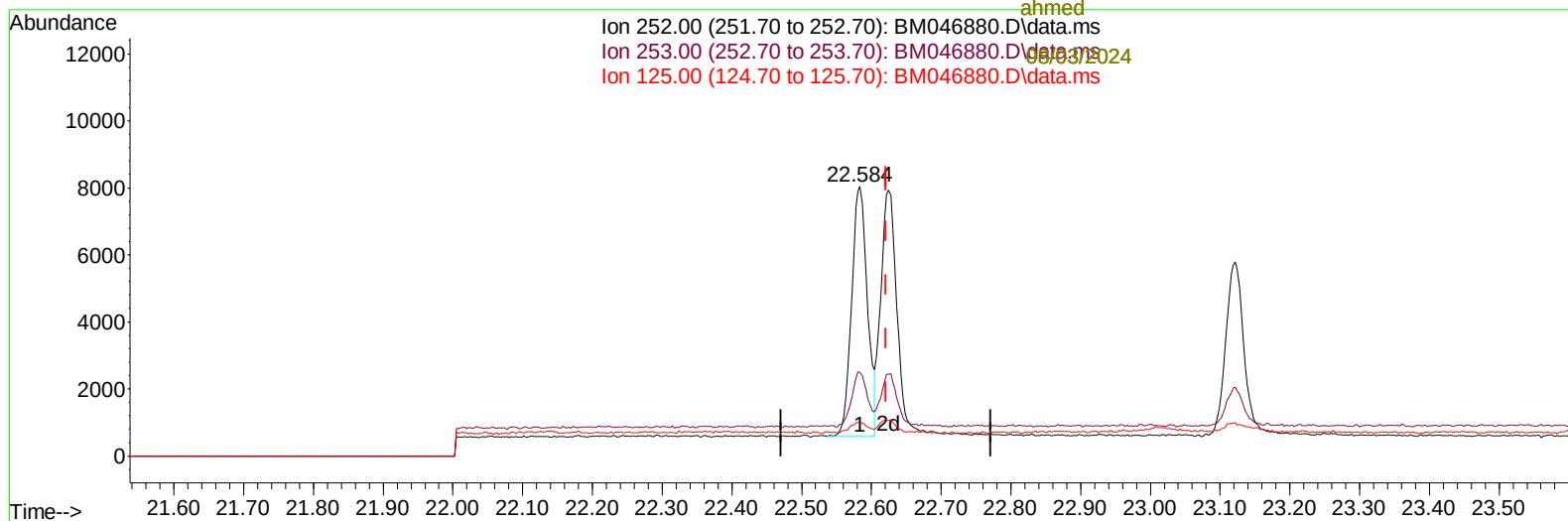
Manual IntegrationsAPPROVED

Quant Time: Jul 29 14:23:42 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-SIM-BM072424.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jul 24 15:10:37 2024  
Response via : Initial Calibration

Reviewed By :Yogesh  
Patel

07/30/2024  
Supervised By :mohammad  
ahmed

Ion 252.00 (251.70 to 252.70): BM046880.D\data.ms  
Ion 253.00 (252.70 to 253.70): BM046880.D\data.ms  
Ion 125.00 (124.70 to 125.70): BM046880.D\data.ms



TIC: BM046880.D\data.ms

(25) Benzo(k)fluoranthene

22.584min (-0.038) 0.32 ng/u1

response 11709

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 29.40  | 31.10  |
| 125.00 | 10.80  | 12.52  |
| 0.00   | 0.00   | 0.00   |

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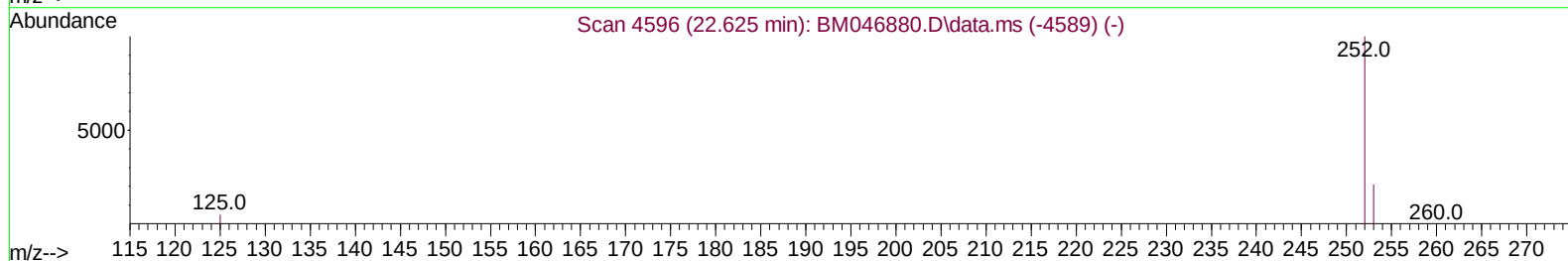
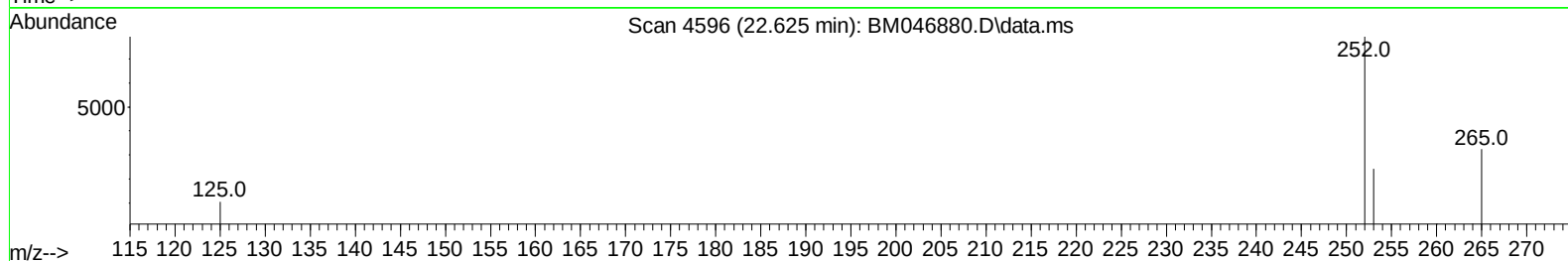
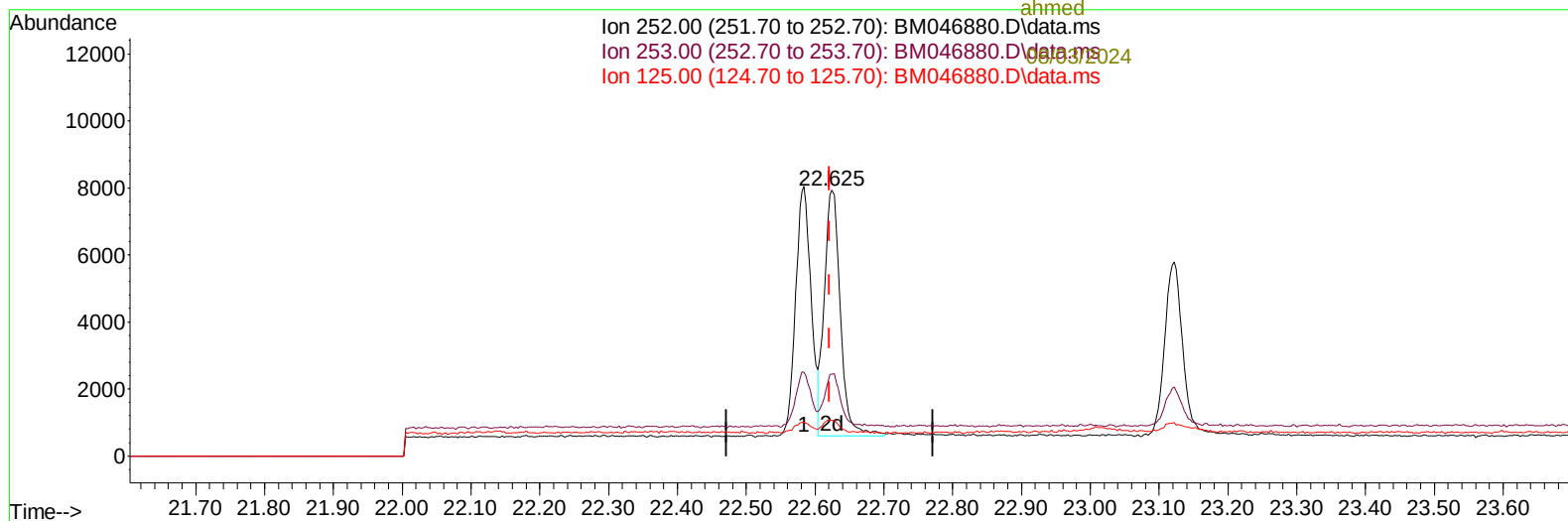
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Ion 125.00 (124.70 to 125.70): BM046880.D\data.ms



TIC: BM046880.D\data.ms

(25) Benzo(k)fluoranthene

22.625min (+ 0.003) 0.33 ng/ul m

response 11909

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 29.40  | 30.71  |
| 125.00 | 10.80  | 13.23# |
| 0.00   | 0.00   | 0.00   |

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08/03/2024

| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----08/03/2024             |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.459  | 152  | 3578     | 0.400 | ng/ul  | -0.01    |
| 4) Naphthalene-d8           | 10.215 | 136  | 10414    | 0.400 | ng/ul  | -0.02    |
| 9) Acenaphthene-d10         | 14.108 | 164  | 10167    | 0.400 | ng/ul  | -0.01    |
| 13) Phenanthrene-d10        | 16.866 | 188  | 12976    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.082 | 240  | 7499     | 0.400 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.212 | 264  | 8203     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.088  | 96   | 789      | 0.315 | ng/ul  | -0.02    |
| 6) 2-Methylnaphthalene-d10  | 11.815 | 152  | 6710     | 0.405 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 18.908 | 212  | 10841    | 0.444 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       |        | Qvalue   |
| 2) 1,4-Dioxane              | 3.122  | 88   | 933      | 0.325 | ng/ul  | 94       |
| 5) Naphthalene              | 10.264 | 128  | 10498    | 0.399 | ng/ul  | 97       |
| 7) 2-Methylnaphthalene      | 11.892 | 142  | 7558     | 0.417 | ng/ul  | 100      |
| 8) 1-Methylnaphthalene      | 12.118 | 142  | 7864     | 0.420 | ng/ul  | 99       |
| 10) Acenaphthylene          | 13.825 | 152  | 18126    | 0.389 | ng/ul  | 98       |
| 11) Acenaphthene            | 14.172 | 153  | 13060    | 0.413 | ng/ul  | 99       |
| 12) Fluorene                | 15.167 | 166  | 10033    | 0.254 | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.528 | 266  | 2028     | 0.345 | ng/ul  | 99       |
| 15) Phenanthrene            | 16.908 | 178  | 13981    | 0.375 | ng/ul  | 99       |
| 16) Anthracene              | 17.001 | 178  | 13176    | 0.380 | ng/ul  | 99       |
| 19) Fluoranthene            | 18.940 | 202  | 14078    | 0.427 | ng/ul  | 99       |
| 20) Pyrene                  | 19.308 | 202  | 14466    | 0.425 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.067 | 228  | 12002    | 0.384 | ng/ul  | 100      |
| 22) Chrysene                | 21.120 | 228  | 11677    | 0.368 | ng/ul  | 100      |
| 24) Benzo(b)fluoranthene    | 22.584 | 252  | 11709    | 0.325 | ng/ul  | 93       |
| 25) Benzo(k)fluoranthene    | 22.625 | 252  | 11909m   | 0.328 | ng/ul  |          |
| 26) Benzo(a)pyrene          | 23.122 | 252  | 9802     | 0.379 | ng/ul# | 91       |
| 27) Indeno(1,2,3-cd)pyrene  | 25.316 | 276  | 13730    | 0.345 | ng/ul# | 100      |
| 28) Dibenzo(a,h)anthracene  | 25.337 | 278  | 10878    | 0.373 | ng/ul# | 95       |
| 29) Benzo(g,h,i)perylene    | 25.957 | 276  | 11302    | 0.323 | ng/ul# | 94       |

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

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