Quantitation Report (Qedit)

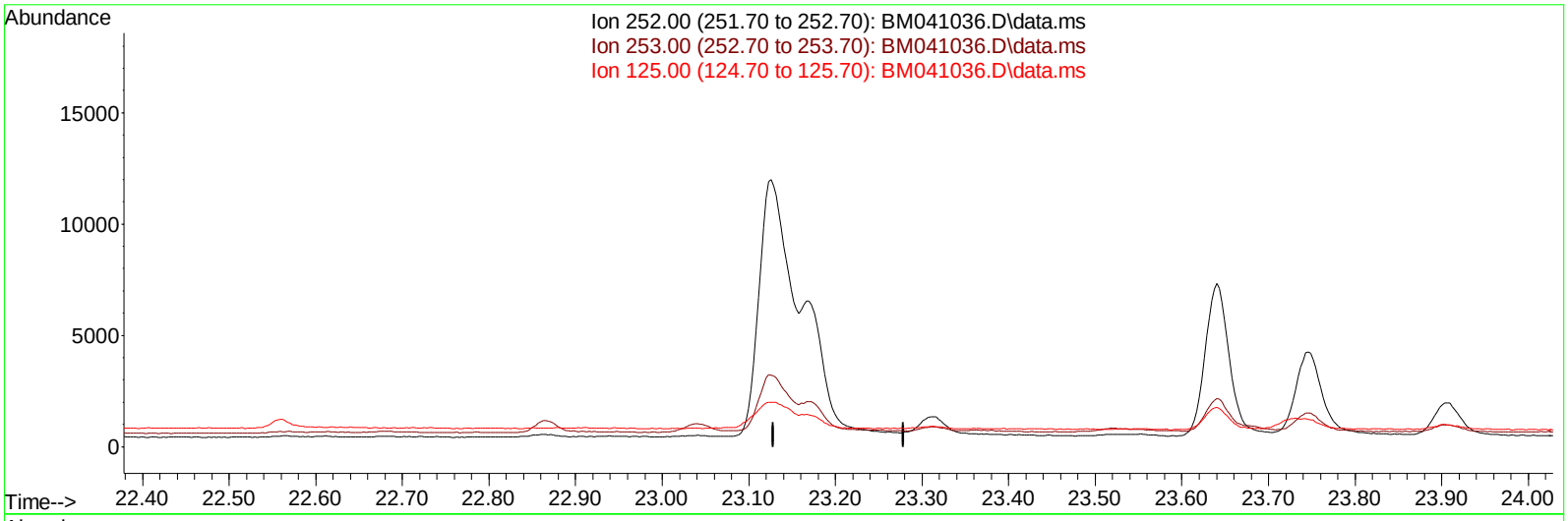
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041036.D
Acq On : 22 Jul 2023 02:54
Operator : MA/JU
Sample : 03444-22DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

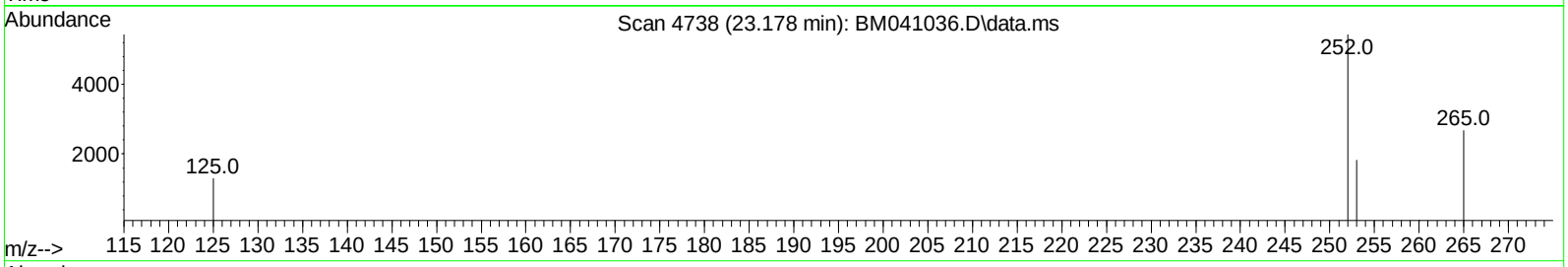
Quant Time: Jul 22 03:37:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 18:20:46 2023
Response via : Initial Calibration

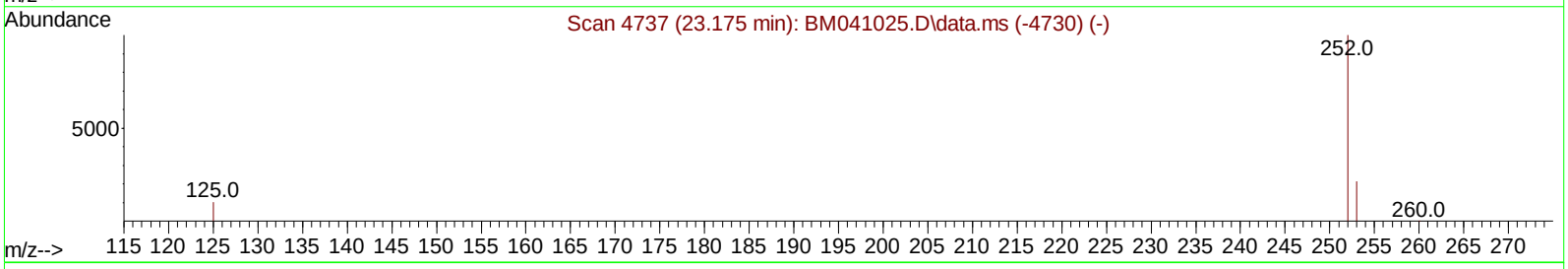
**Instrument :**
BNA_M
**ClientSampleId :**
A46Y3DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023




TIC: BM041036.D\data.ms

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

**23.179min (-23.179) 0.00 ng/ul**

**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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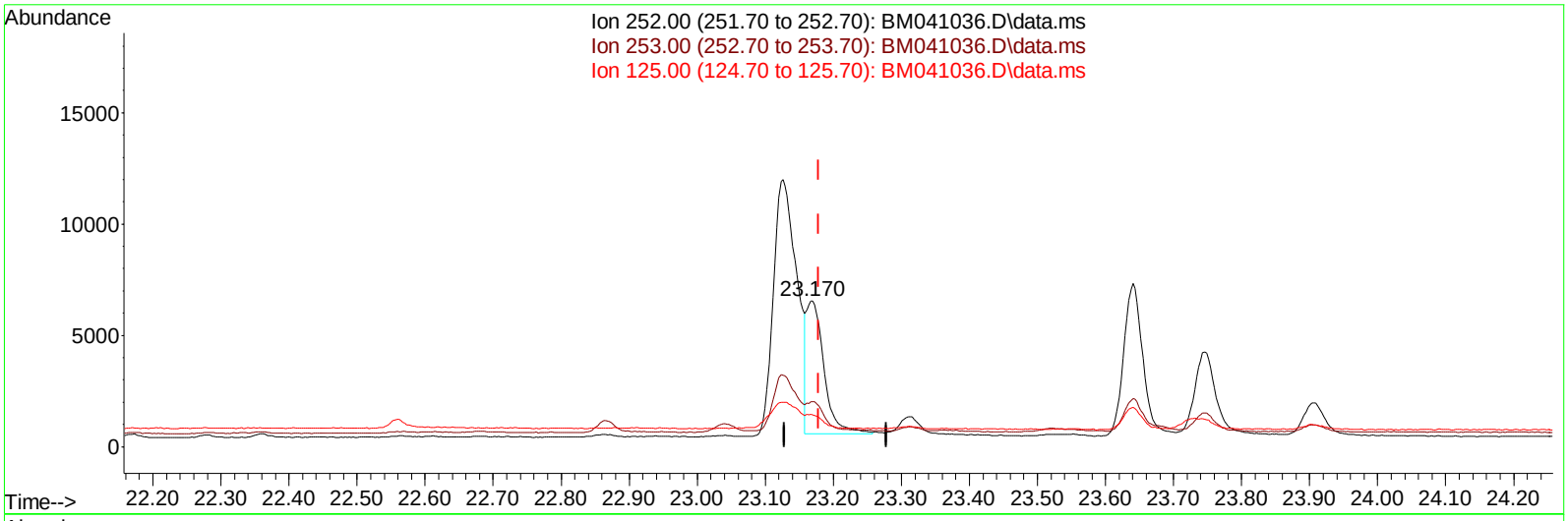


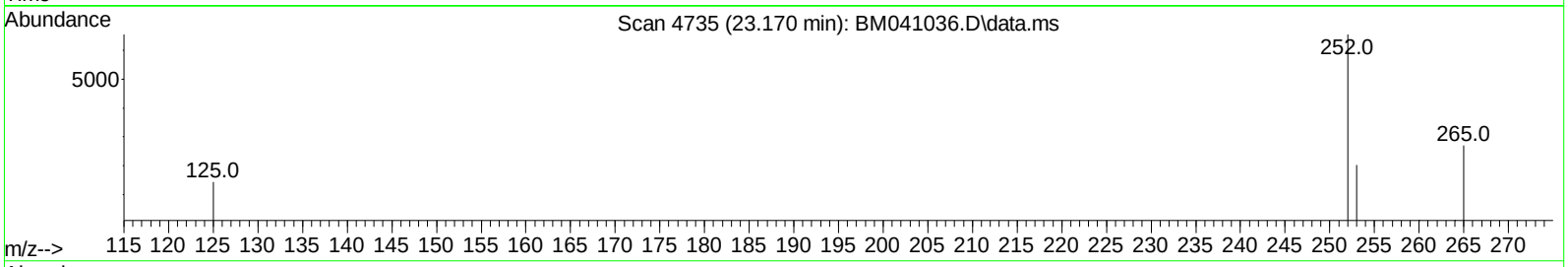


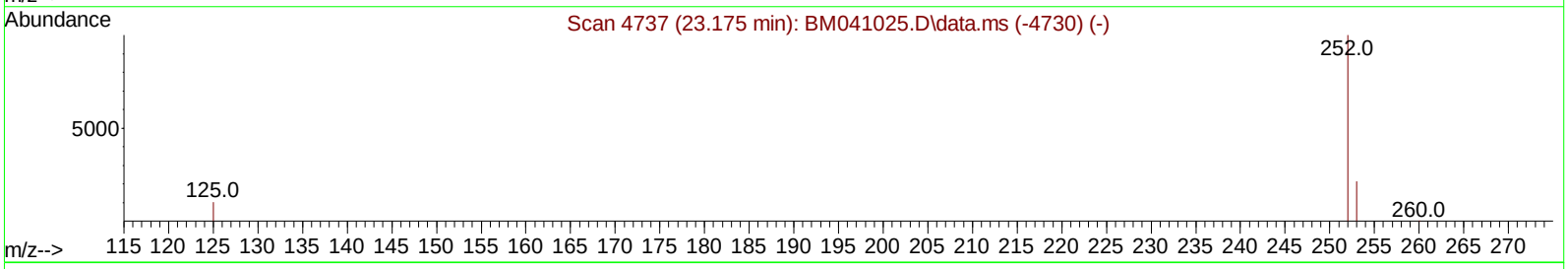


TIC: BM041036.D\data.ms

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

**23.170min (-0.009) 0.27 ng/ul m**

**response 10602**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 29.10 | 30.94 |
| 125.00 | 22.70 | 21.73 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041036.D
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Sample : 03444-22DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jul 22 03:37:00 2023
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**Manual IntegrationsAPPROVED**

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.861 | 152 | 4090 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.669 | 136 | 15167 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.513 | 164 | 8855 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.270 | 188 | 18534 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.463 | 240 | 12081 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 23.854 | 264 | 10585 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.280 | 96 | 1803 | 0.268 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.269 | 152 | 1093 | 0.054 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.301 | 212 | 2142 | 0.042 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.719 | 128 | 6089 | 0.147 | ng/ul | 98 |
| 7) 2-Methylnaphthalene | 12.341 | 142 | 721 | 0.032 | ng/ul | 97 |
| 8) 1-Methylnaphthalene | 12.555 | 142 | 647 | 0.027 | ng/ul | 98 |
| 10) Acenaphthylene | 14.236 | 152 | 1261 | 0.034 | ng/ul# | 77 |
| 11) Acenaphthene | 14.578 | 153 | 2022 | 0.062 | ng/ul | 98 |
| 12) Fluorene | 15.568 | 166 | 2718 | 0.080 | ng/ul | 97 |
| 15) Phenanthrene | 17.312 | 178 | 47194 | 0.852 | ng/ul | 99 |
| 16) Anthracene | 17.405 | 178 | 4792 | 0.111 | ng/ul# | 92 |
| 19) Fluoranthene | 19.329 | 202 | 75873 | 1.216 | ng/ul | 95 |
| 20) Pyrene | 19.692 | 202 | 62278 | 0.977 | ng/ul | 96 |
| 21) Benzo(a)anthracene | 21.445 | 228 | 20255 | 0.550 | ng/ul | 98 |
| 22) Chrysene | 21.498 | 228 | 25179 | 0.598 | ng/ul | 98 |
| 24) Benzo(b)fluoranthene | 23.126 | 252 | 27893 | 0.687 | ng/ul | 93 |
| 25) Benzo(k)fluoranthene | 23.170 | 252 | 10602m | 0.275 | ng/ul | |
| 26) Benzo(a)pyrene | 23.746 | 252 | 7983 | 0.227 | ng/ul | 97 |
| 27) Indeno(1,2,3-cd)pyrene | 26.324 | 276 | 12727 | 0.273 | ng/ul# | 83 |
| 28) Dibenzo(a,h)anthracene | 26.331 | 278 | 2904 | 0.082 | ng/ul# | 78 |
| 29) Benzo(g,h,i)perylene | 27.082 | 276 | 12204 | 0.284 | ng/ul | 96 |

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

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