Quantitation Report (Qedit)

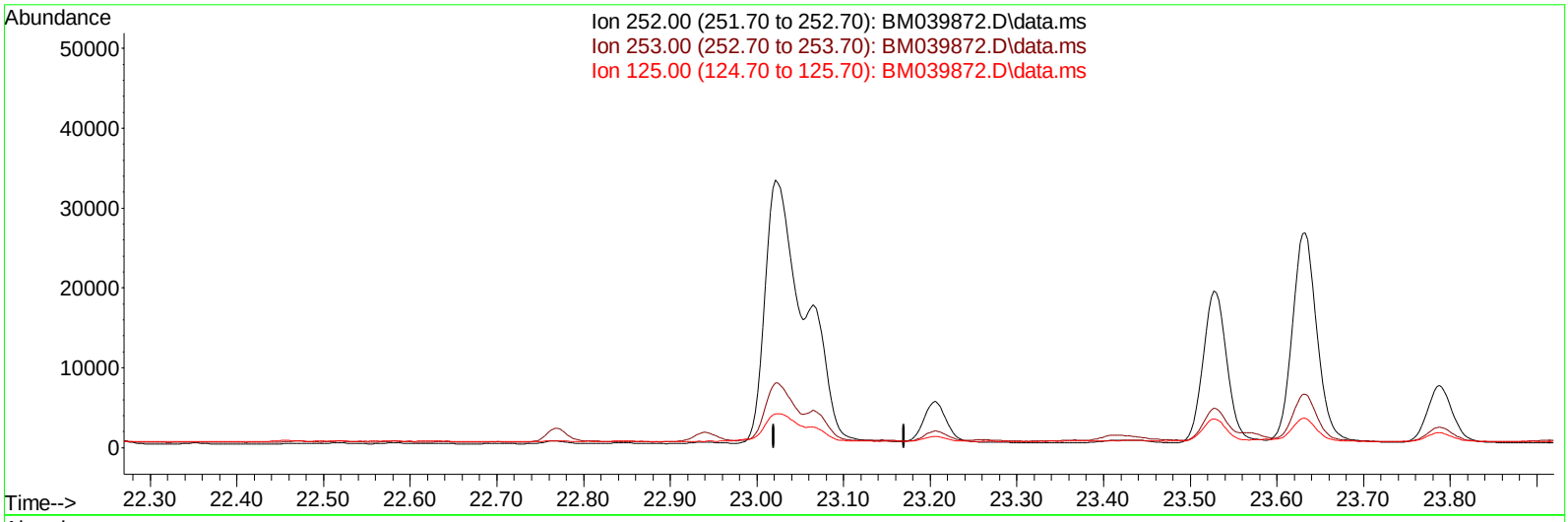
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
Data File : BM039872.D
Acq On : 08 May 2023 17:05
Operator : CG/JU
Sample : 02479-11DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

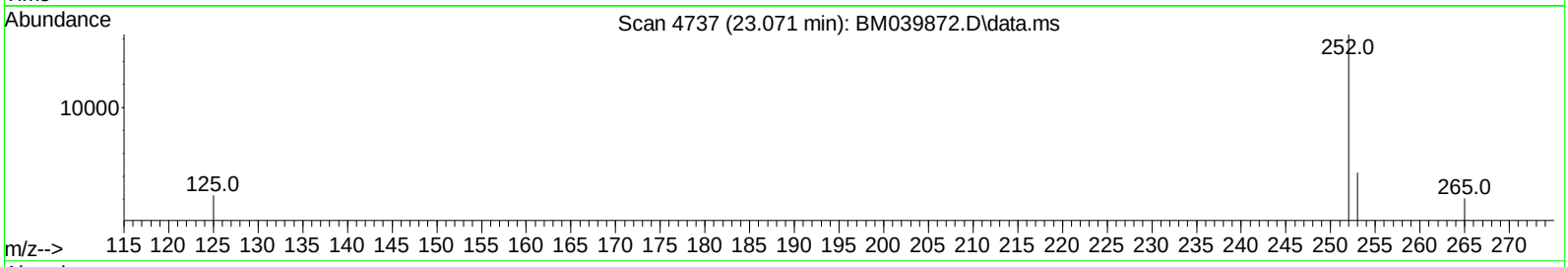
Quant Time: May 09 01:52:23 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 14:35:49 2023
Response via : Initial Calibration

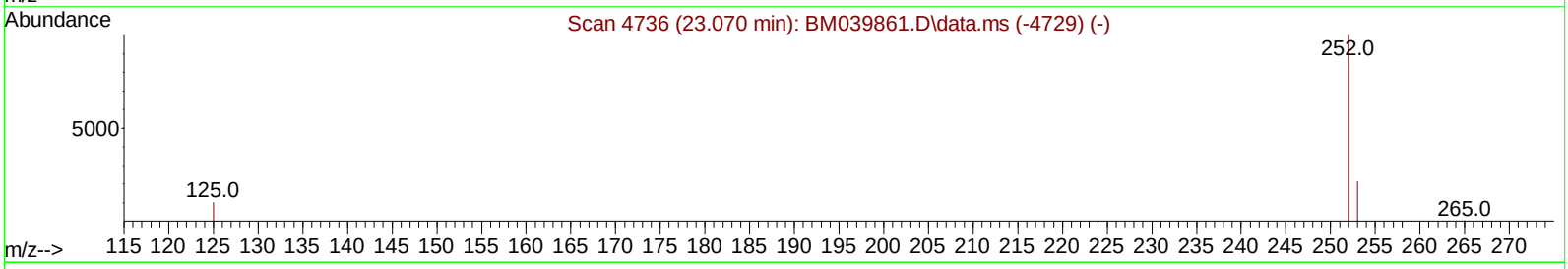
**Instrument :**
BNA_M
**ClientSampleId :**
EW952DL

**Manual IntegrationsAPPROVED**

Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023




TIC: BM039872.D\data.ms

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

**23.070min (-23.070) 0.00 ng/ul**

**response 0**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 0.00 |
| 253.00 | 26.60 | 0.00# |
| 125.00 | 16.30 | 0.00# |
| 0.00 | 0.00 | 0.00 |

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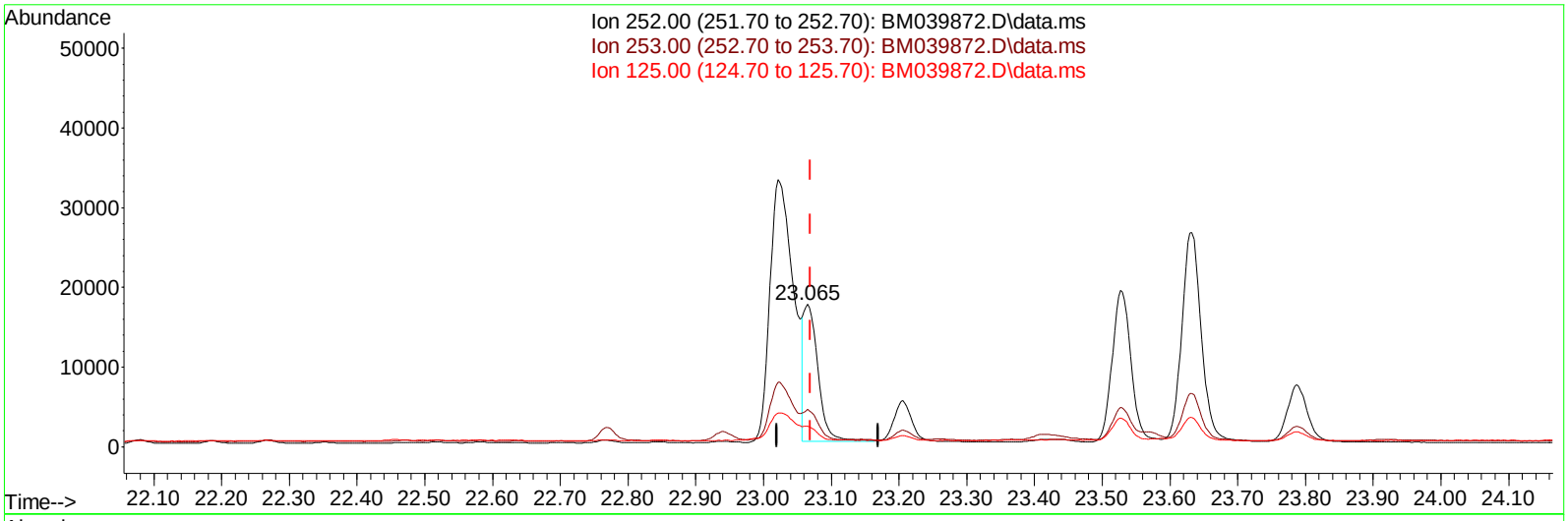


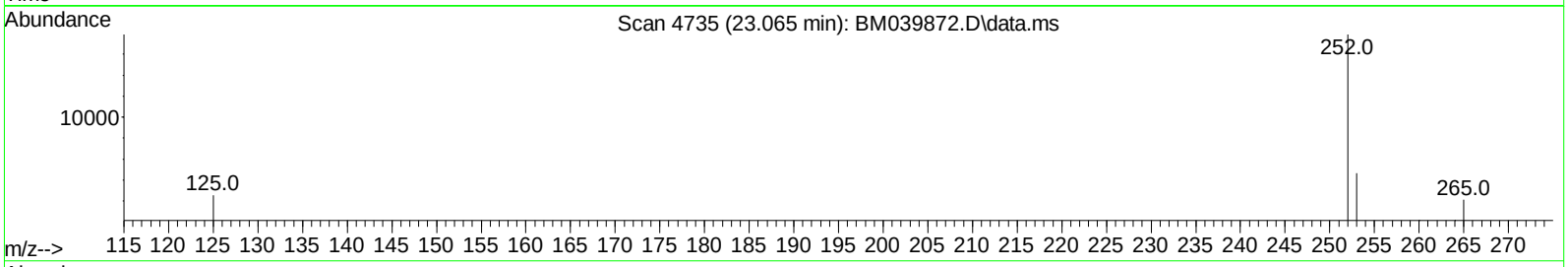


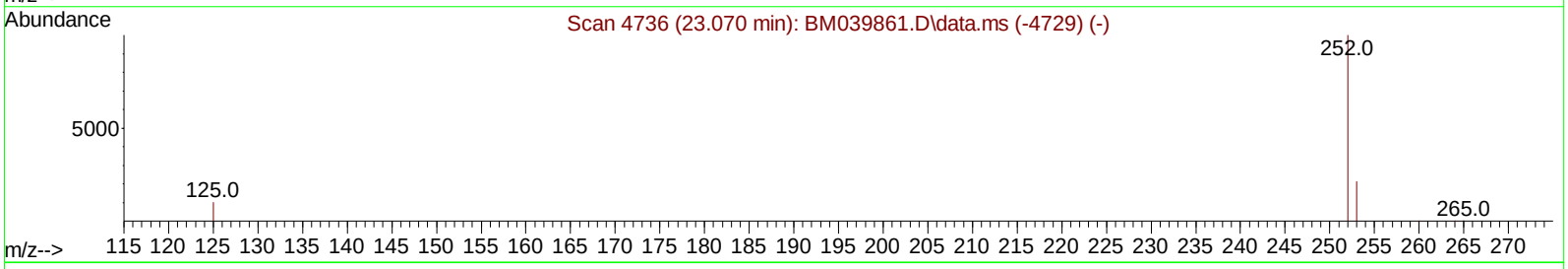


TIC: BM039872.D\data.ms

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

**23.065min (-0.004) 0.92 ng/ul m**

**response 25717**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.60 | 26.15 |
| 125.00 | 16.30 | 14.35 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
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Sample : 02479-11DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 09 01:52:23 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
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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 | 7.787 | 152 | 3593 | 0.400 | ng/ul | -0.04 |
| 4) Naphthalene-d8 | 10.590 | 136 | 13298 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.437 | 164 | 7699 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.191 | 188 | 15744 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.391 | 240 | 9971 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.738 | 264 | 7845 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.180 | 96 | 2512 | 0.474 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.217 | 152 | 707 | 0.041 | ng/ul | 0.02 |
| 18) Fluoranthene-d10 | 19.225 | 212 | 1609 | 0.060 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.639 | 128 | 3536 | 0.106 | ng/ul# | 93 |
| 7) 2-Methylnaphthalene | 12.289 | 142 | 1042 | 0.054 | ng/ul | 97 |
| 8) 1-Methylnaphthalene | 12.492 | 142 | 726 | 0.035 | ng/ul | 99 |
| 10) Acenaphthylene | 14.159 | 152 | 859 | 0.029 | ng/ul# | 72 |
| 11) Acenaphthene | 14.497 | 153 | 4597 | 0.196 | ng/ul | 97 |
| 12) Fluorene | 15.492 | 166 | 3988 | 0.154 | ng/ul | 99 |
| 15) Phenanthrene | 17.234 | 178 | 91451 | 2.205 | ng/ul | 98 |
| 16) Anthracene | 17.327 | 178 | 20820 | 0.585 | ng/ul | 98 |
| 19) Fluoranthene | 19.257 | 202 | 207851 | 5.843 | ng/ul | 97 |
| 20) Pyrene | 19.620 | 202 | 182499 | 4.751 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.373 | 228 | 80148 | 2.796 | ng/ul | 99 |
| 22) Chrysene | 21.426 | 228 | 74414 | 2.294 | ng/ul | 98 |
| 24) Benzo(b)fluoranthene | 23.021 | 252 | 79419 | 2.883 | ng/ul | 94 |
| 25) Benzo(k)fluoranthene | 23.065 | 252 | 25717m | 0.917 | ng/ul | |
| 26) Benzo(a)pyrene | 23.632 | 252 | 52690 | 2.130 | ng/ul# | 87 |
| 27) Indeno(1,2,3-cd)pyrene | 26.164 | 276 | 36074 | 1.153 | ng/ul# | 89 |
| 28) Dibenzo(a,h)anthracene | 26.164 | 278 | 7971 | 0.328 | ng/ul# | 85 |
| 29) Benzo(g,h,i)perylene | 26.912 | 276 | 30339 | 1.113 | ng/ul | 99 |

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

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