Quantitation Report (Qedit)

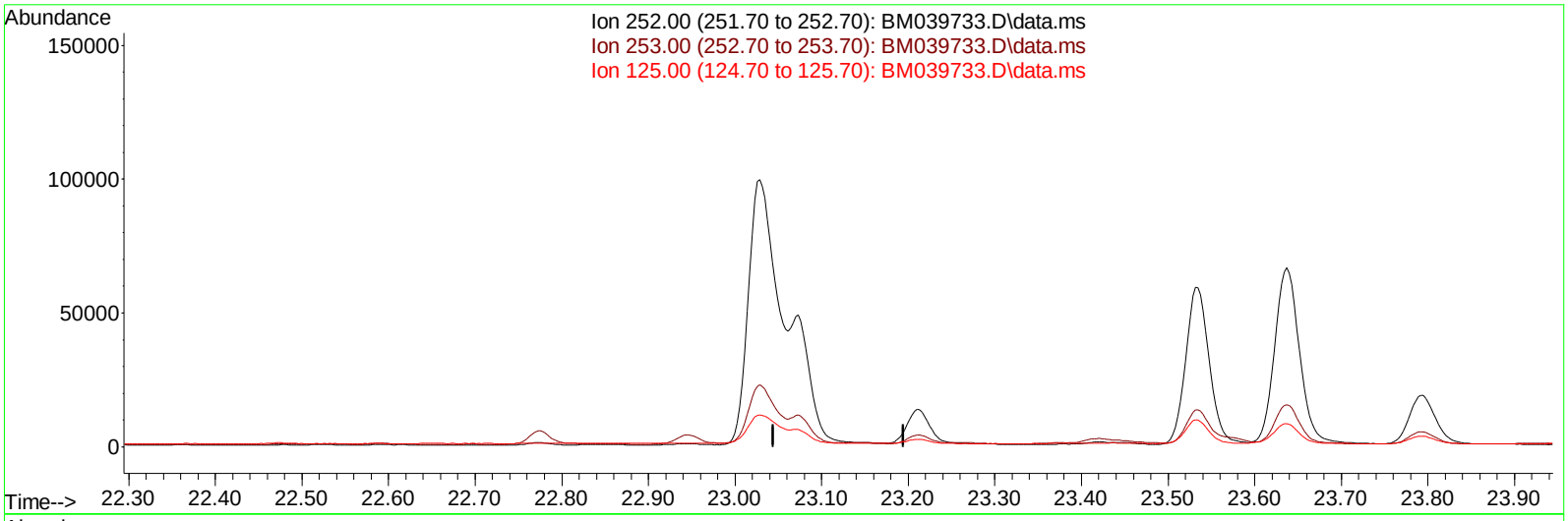
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039733.D
Acq On : 28 Apr 2023 13:14
Operator : CG/JU
Sample : 02418-22DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

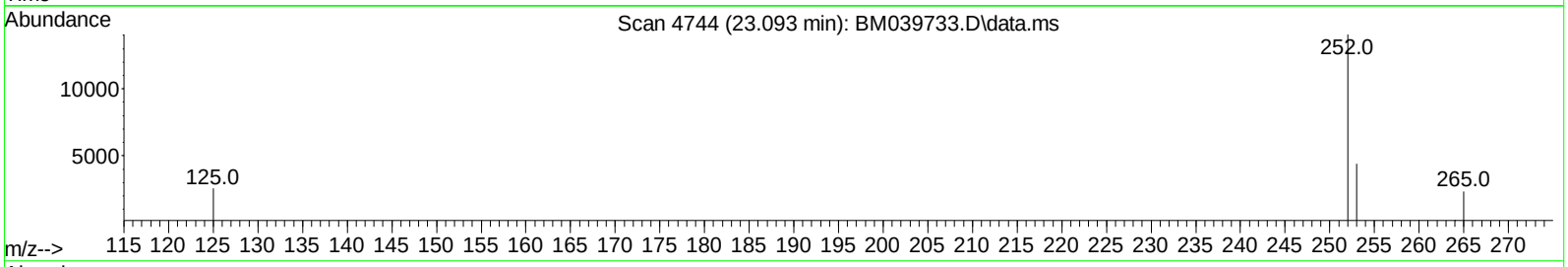
Quant Time: Apr 29 02:03:52 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:30:02 2023
Response via : Initial Calibration

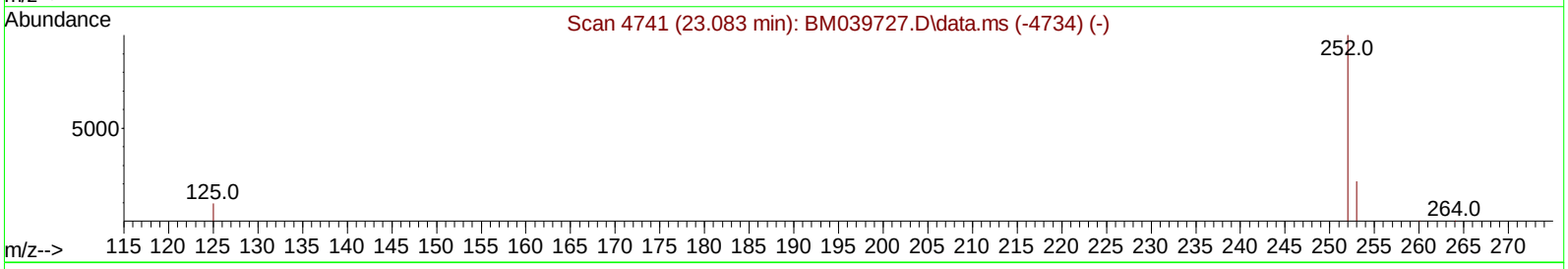
**Instrument :**
BNA_M
**ClientSampleId :**
EW8Z6DL

**Manual IntegrationsAPPROVED**

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023




TIC: BM039733.D\data.ms

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

**23.094min (-23.094) 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 |

Quantitation Report (Qedit)

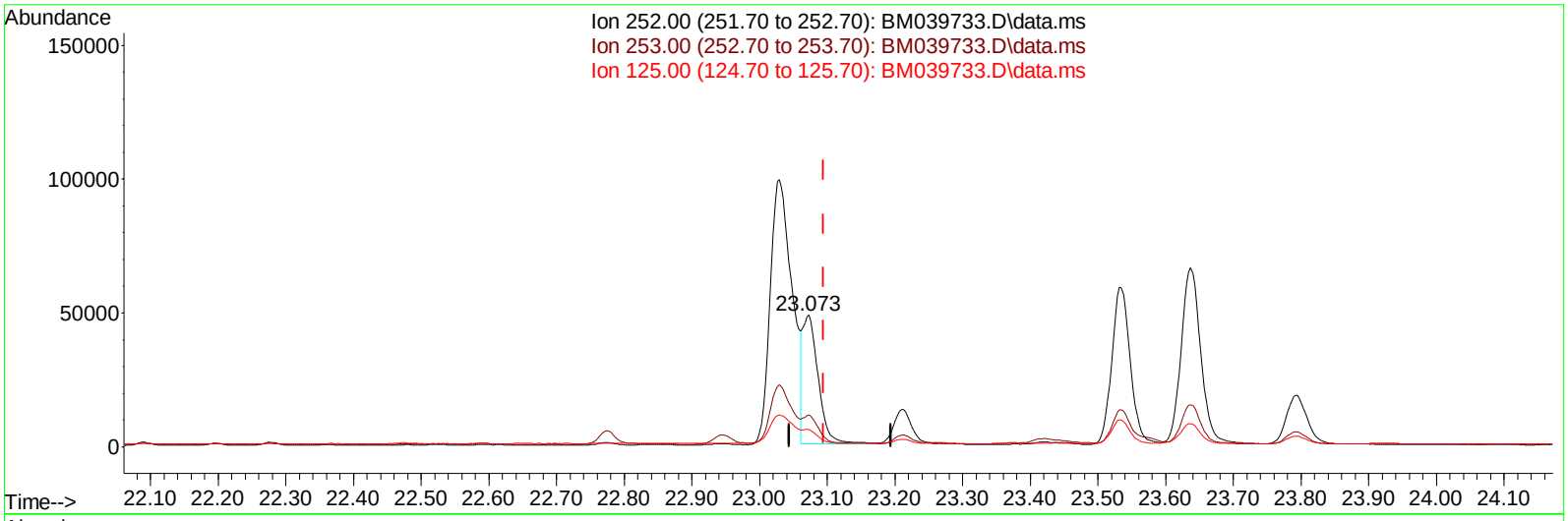
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039733.D
Acq On : 28 Apr 2023 13:14
Operator : CG/JU
Sample : 02418-22DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

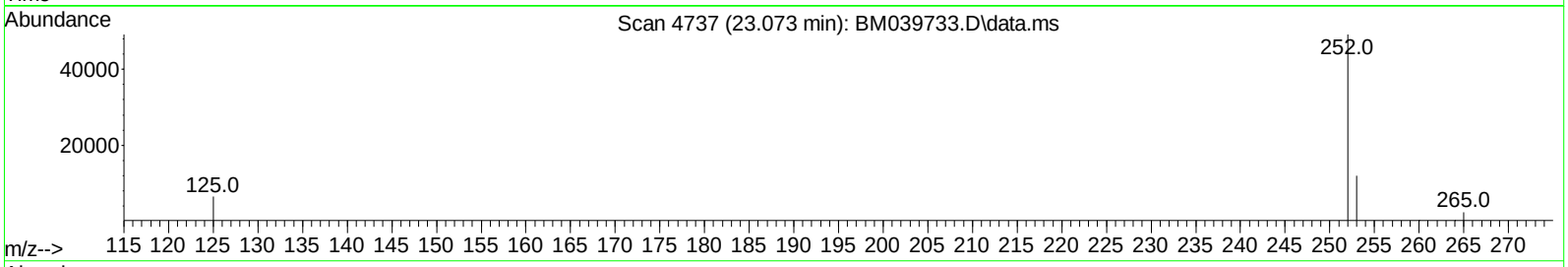
Quant Time: Apr 29 02:03:52 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:30:02 2023
Response via : Initial Calibration

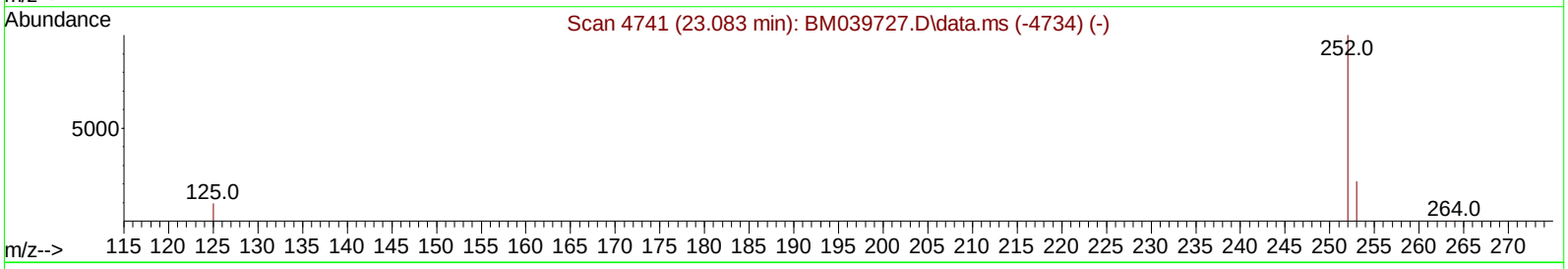
**Instrument :**
BNA_M
**ClientSampleId :**
EW8Z6DL

**Manual IntegrationsAPPROVED**

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023




TIC: BM039733.D\data.ms

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

**23.073min (-0.022) 1.56 ng/ul m**

**response 75302**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.60 | 24.24 |
| 125.00 | 16.30 | 13.03# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039733.D
Acq On : 28 Apr 2023 13:14
Operator : CG/JU
Sample : 02418-22DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Apr 29 02:03:52 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 : Fri Apr 28 02:30:02 2023
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
EW8Z6DL

**Manual IntegrationsAPPROVED**

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.804 | 152 | 3235 | 0.400 | ng/ul | -0.02 |
| 4) Naphthalene-d8 | 10.600 | 136 | 12614 | 0.400 | ng/ul | -0.01 |
| 9) Acenaphthene-d10 | 14.451 | 164 | 7726 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.200 | 188 | 17306 | 0.400 | ng/ul | -0.02 |
| 17) Chrysene-d12 | 21.395 | 240 | 15583 | 0.400 | ng/ul | -0.01 |
| 23) Perylene-d12 | 23.742 | 264 | 13494 | 0.400 | ng/ul | #-0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.188 | 96 | 2155 | 0.452 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.206 | 152 | 625 | 0.039 | ng/ul | -0.01 |
| 18) Fluoranthene-d10 | 19.234 | 212 | 1677 | 0.040 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.655 | 128 | 11856 | 0.374 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.283 | 142 | 2747 | 0.150 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.492 | 142 | 2321 | 0.118 | ng/ul | 98 |
| 10) Acenaphthylene | 14.173 | 152 | 4314 | 0.144 | ng/ul# | 92 |
| 11) Acenaphthene | 14.511 | 153 | 9793 | 0.417 | ng/ul | 99 |
| 12) Fluorene | 15.505 | 166 | 12526 | 0.481 | ng/ul | 98 |
| 15) Phenanthrene | 17.242 | 178 | 225739 | 4.951 | ng/ul | 98 |
| 16) Anthracene | 17.335 | 178 | 44452 | 1.135 | ng/ul | 99 |
| 19) Fluoranthene | 19.262 | 202 | 413760 | 7.443 | ng/ul | 100 |
| 20) Pyrene | 19.629 | 202 | 336387 | 5.603 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.381 | 228 | 179837 | 4.014 | ng/ul | 99 |
| 22) Chrysene | 21.433 | 228 | 170624 | 3.365 | ng/ul | 98 |
| 24) Benzo(b)fluoranthene | 23.029 | 252 | 225301 | 4.754 | ng/ul | 93 |
| 25) Benzo(k)fluoranthene | 23.073 | 252 | 75302m | 1.561 | ng/ul | |
| 26) Benzo(a)pyrene | 23.637 | 252 | 132366 | 3.111 | ng/ul# | 85 |
| 27) Indeno(1,2,3-cd)pyrene | 26.162 | 276 | 93150 | 1.731 | ng/ul# | 90 |
| 28) Dibenzo(a,h)anthracene | 26.172 | 278 | 21872 | 0.524 | ng/ul | 97 |
| 29) Benzo(g,h,i)perylene | 26.913 | 276 | 74676 | 1.593 | ng/ul | 98 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039733.D
Acq On : 28 Apr 2023 13:14
Operator : CG/JU
Sample : 02418-22DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Apr 29 02:03:52 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 : Fri Apr 28 02:30:02 2023
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
EW8Z6DL

**Manual IntegrationsAPPROVED**

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023