Quantitation Report (Qedit)

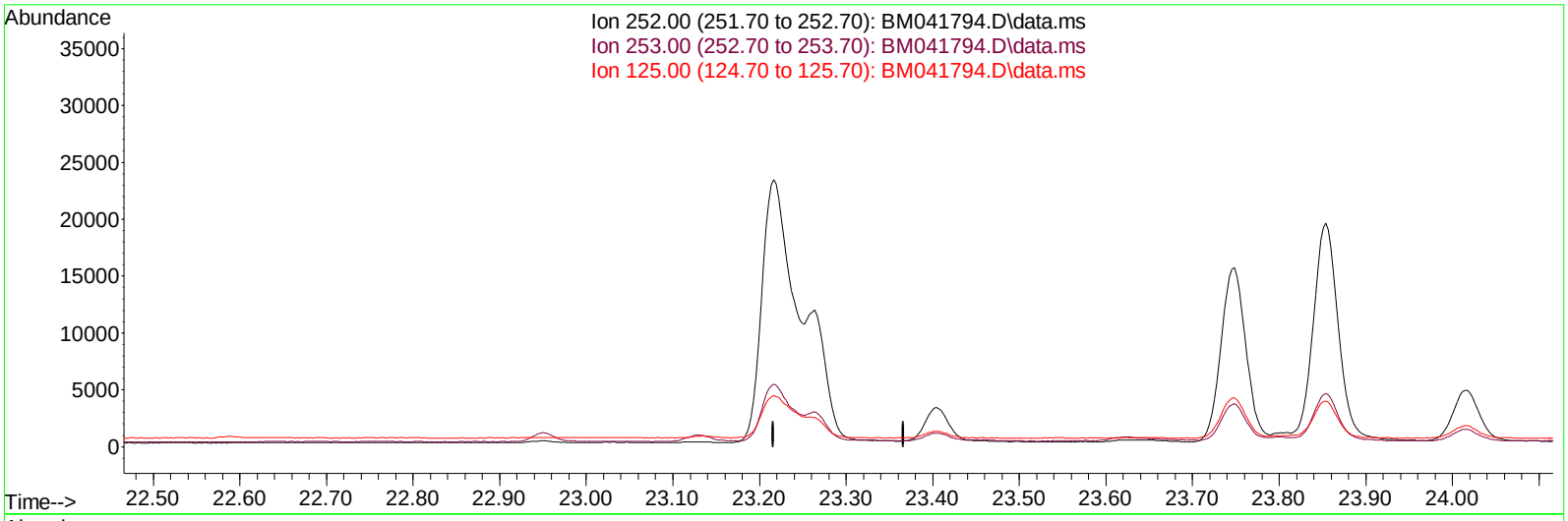
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
Data File : BM041794.D
Acq On : 12 Sep 2023 01:07
Operator : MA/JU
Sample : 04235-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

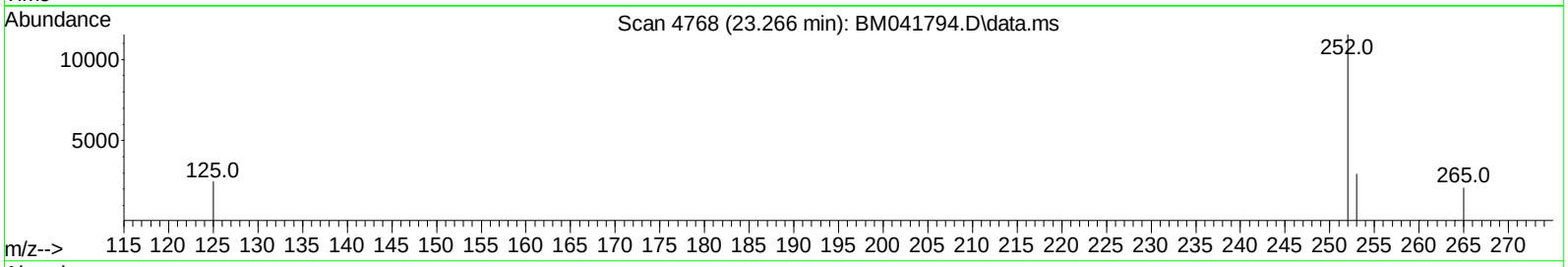
Quant Time: Sep 12 04:52:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 04:50:34 2023
Response via : Initial Calibration

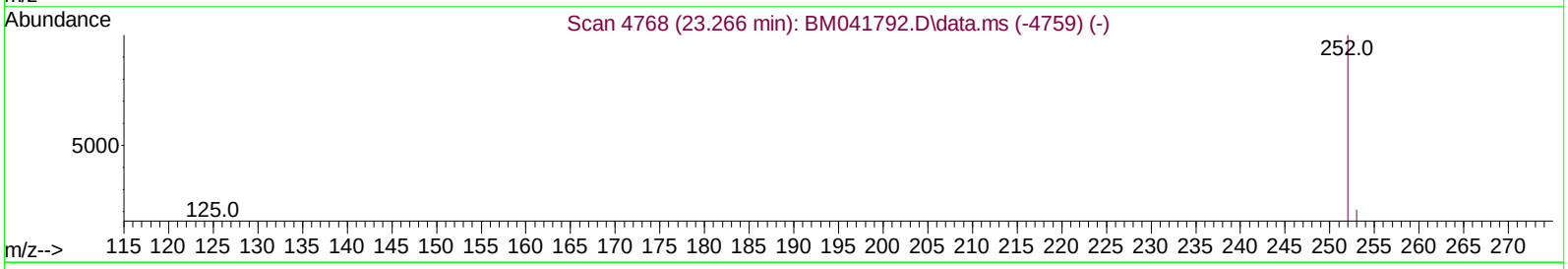
**Instrument :**
BNA_M
**ClientSampleId :**
EZYD8

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/12/2023
Supervised By :mohammad ahmed 09/13/2023




TIC: BM041794.D\data.ms

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

**23.266min (-23.266) 0.00 ng/ul**

**response 0**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 0.00 |
| 253.00 | 26.60 | 0.00# |
| 125.00 | 21.70 | 0.00# |
| 0.00 | 0.00 | 0.00 |

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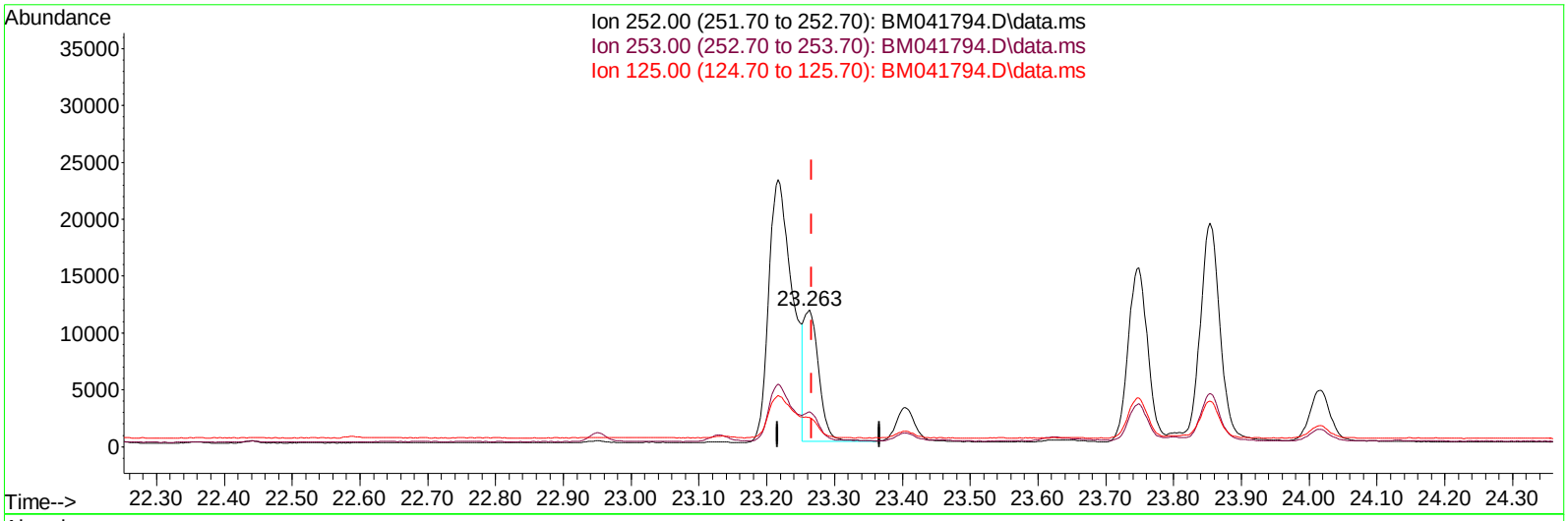


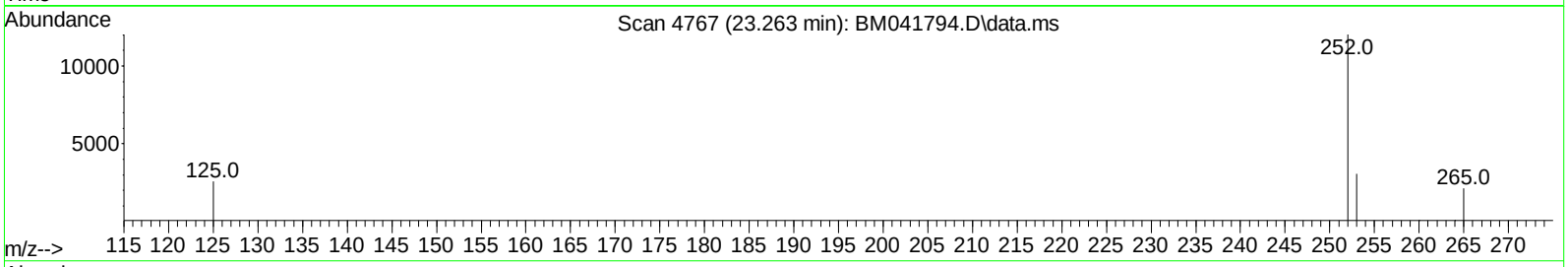


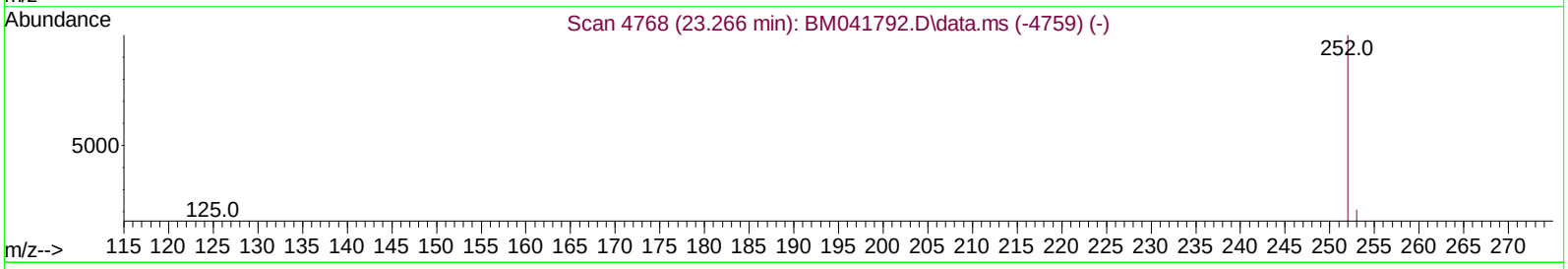


TIC: BM041794.D\data.ms

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

**23.263min (-0.003) 0.59 ng/ul m**

**response 17824**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.60 | 25.45 |
| 125.00 | 21.70 | 21.45 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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**Instrument :**
BNA_M
**ClientSampleId :**
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**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 09/12/2023
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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.979 | 152 | 3978 | 0.400 | ng/ul | | 0.00 |
| 4) Naphthalene-d8 | 10.796 | 136 | 9406 | 0.400 | ng/ul | | 0.00 |
| 9) Acenaphthene-d10 | 14.620 | 164 | 3929 | 0.400 | ng/ul | | 0.00 |
| 13) Phenanthrene-d10 | 17.375 | 188 | 7326 | 0.400 | ng/ul | | 0.00 |
| 17) Chrysene-d12 | 21.542 | 240 | 3356 | 0.400 | ng/ul | # | 0.00 |
| 23) Perylene-d12 | 23.962 | 264 | 3435 | 0.400 | ng/ul | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.389 | 96 | 13976 | 2.299 | ng/ul | | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.374 | 152 | 1599 | 0.132 | ng/ul | | 0.00 |
| 18) Fluoranthene-d10 | 19.394 | 212 | 2071 | 0.127 | ng/ul | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 5) Naphthalene | 10.845 | 128 | 2061 | 0.067 | ng/ul | # | 92 |
| 7) 2-Methylnaphthalene | 12.451 | 142 | 1327 | 0.076 | ng/ul | | 100 |
| 8) 1-Methylnaphthalene | 12.671 | 142 | 990 | 0.056 | ng/ul | | 100 |
| 11) Acenaphthene | 14.685 | 153 | 933 | 0.049 | ng/ul | | 96 |
| 15) Phenanthrene | 17.413 | 178 | 7100 | 0.230 | ng/ul | | 98 |
| 16) Anthracene | 17.506 | 178 | 1420 | 0.054 | ng/ul | # | 87 |
| 19) Fluoranthene | 19.422 | 202 | 22149 | 0.559 | ng/ul | | 96 |
| 20) Pyrene | 19.789 | 202 | 22902 | 0.582 | ng/ul | | 95 |
| 21) Benzo(a)anthracene | 21.524 | 228 | 19234 | 0.703 | ng/ul | | 100 |
| 22) Chrysene | 21.580 | 228 | 21444 | 0.726 | ng/ul | | 98 |
| 24) Benzo(b)fluoranthene | 23.217 | 252 | 55707 | 1.812 | ng/ul | | 95 |
| 25) Benzo(k)fluoranthene | 23.263 | 252 | 17824m | 0.592 | ng/ul | | |
| 26) Benzo(a)pyrene | 23.854 | 252 | 38758 | 1.552 | ng/ul | # | 91 |
| 27) Indeno(1,2,3-cd)pyrene | 26.465 | 276 | 43205 | 1.261 | ng/ul | # | 98 |
| 28) Dibenzo(a,h)anthracene | 26.478 | 278 | 9186 | 0.382 | ng/ul | | 95 |
| 29) Benzo(g,h,i)perylene | 27.250 | 276 | 45657 | 1.504 | ng/ul | | 97 |

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

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