Quantitation Report (Qedit)

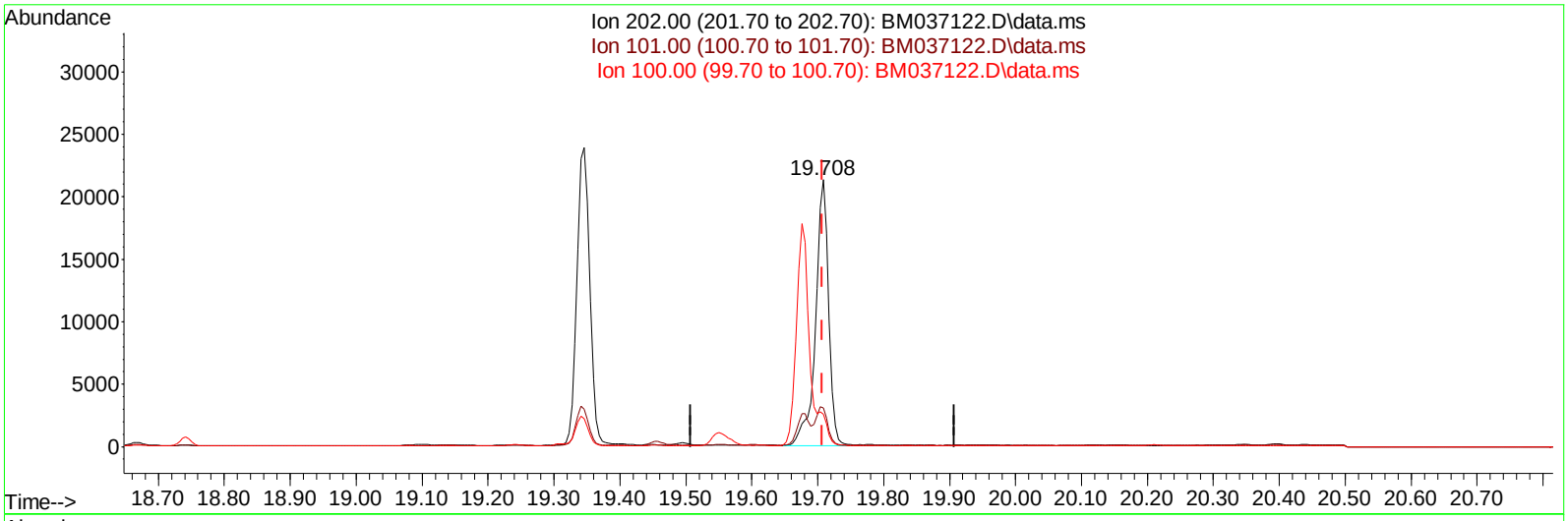
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
Data File : BM037122.D
Acq On : 17 Oct 2022 21:12
Operator : CG/JU
Sample : N4984-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

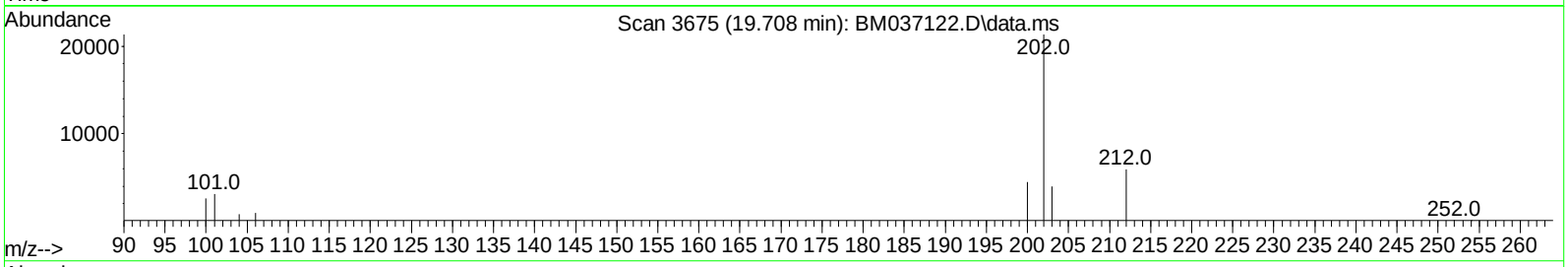
Quant Time: Oct 17 23:56:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 02:26:13 2022
Response via : Initial Calibration

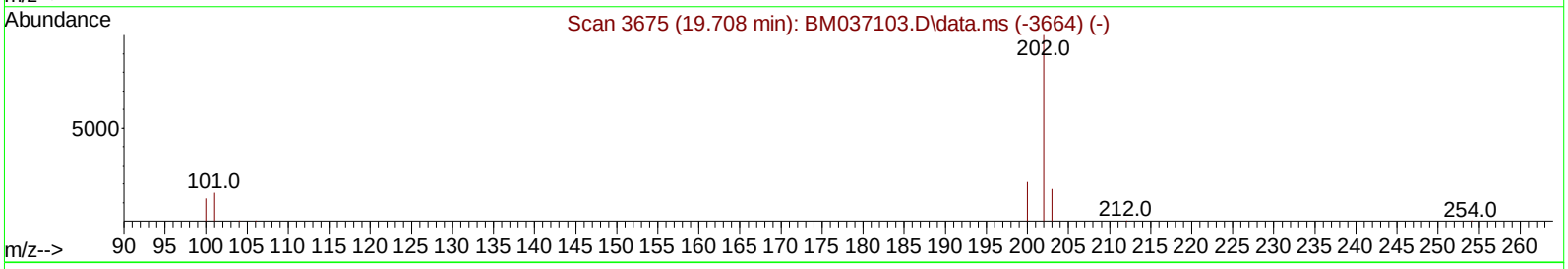
**Instrument :**
BNA_M
**ClientSampleId :**
BGNB6

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022




TIC: BM037122.D\data.ms

**(20) Pyrene**

**19.708min (+ 0.001) 0.64 ng/ul**

**response 29406**

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.00 | 14.62 |
| 100.00 | 12.20 | 12.23 |
| 0.00 | 0.00 | 0.00 |

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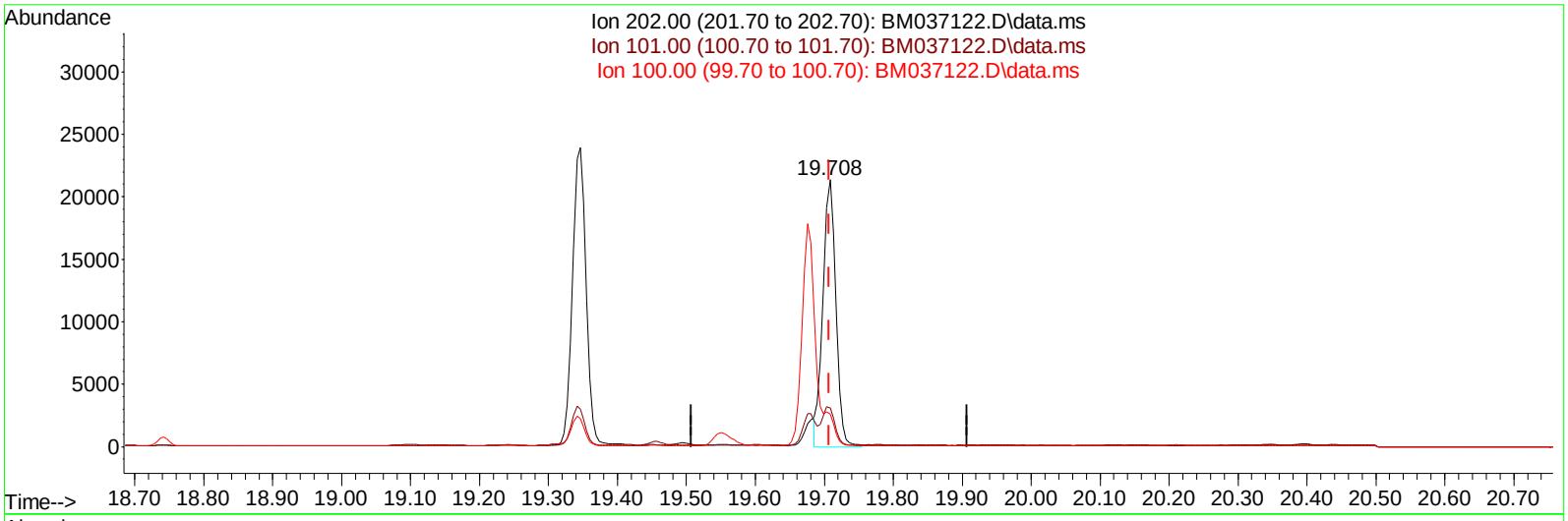


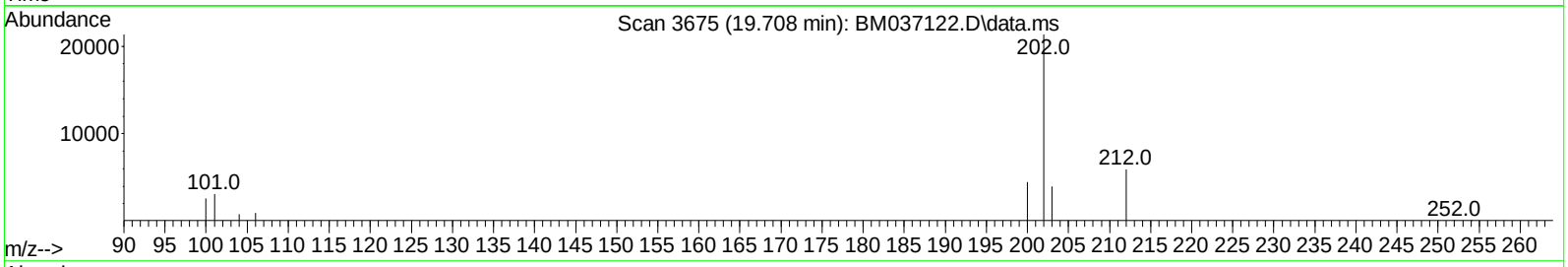


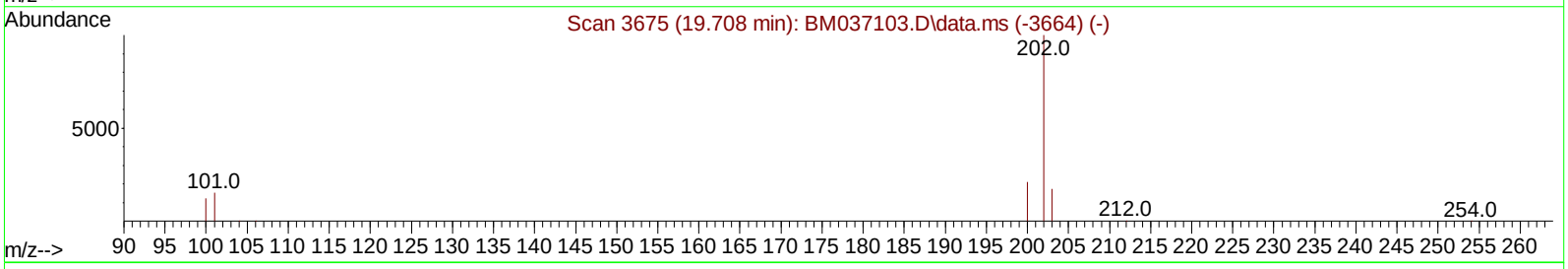


TIC: BM037122.D\data.ms

**(20) Pyrene**

**19.708min (+ 0.001) 0.60 ng/ul m**

**response 27467**

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.00 | 14.62 |
| 100.00 | 12.20 | 12.23 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Operator : CG/JU
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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**Instrument :**
BNA_M
**ClientSampleId :**
BGNB6

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/18/2022
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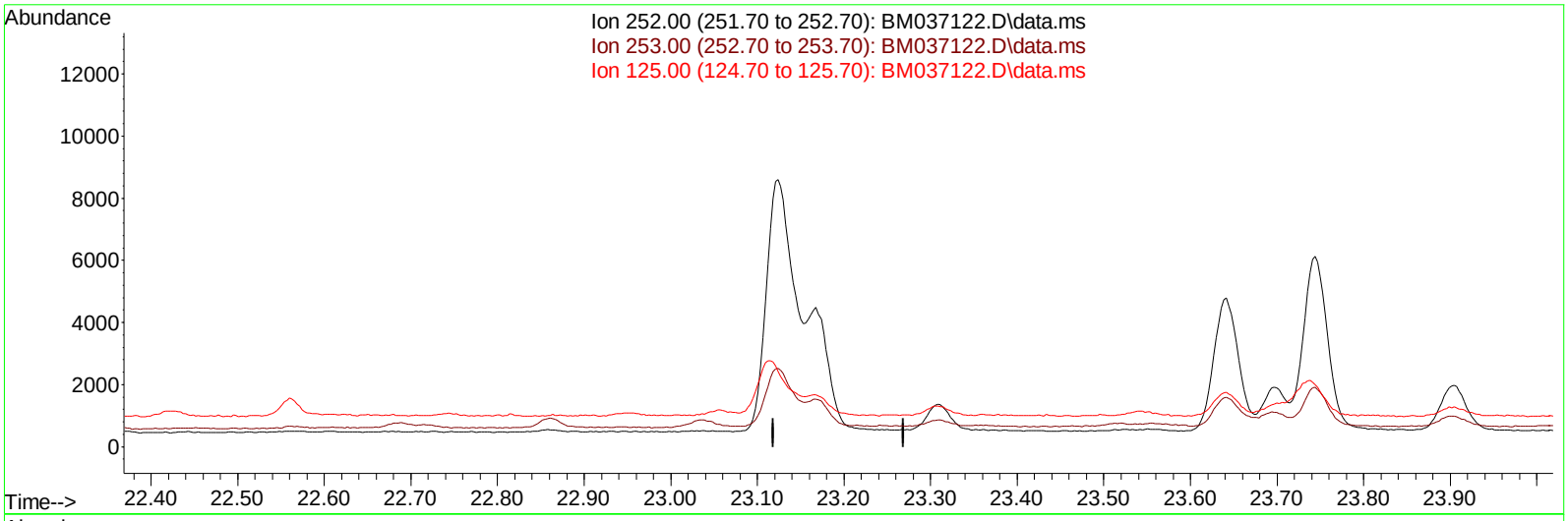


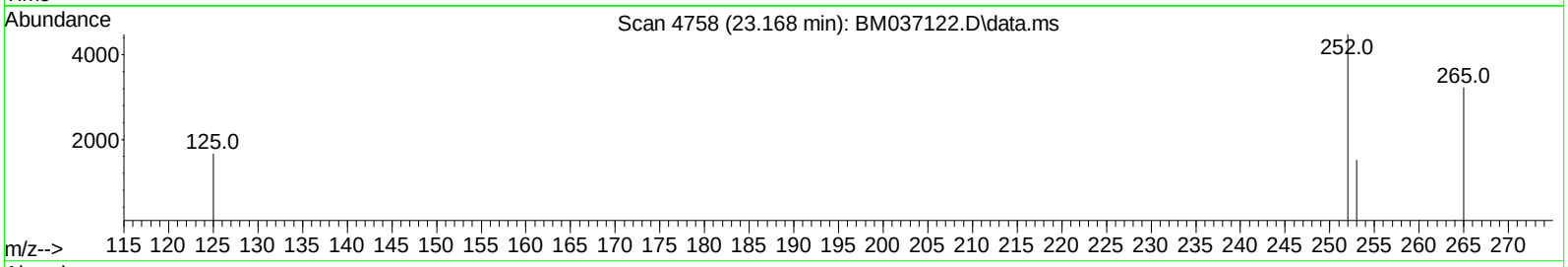


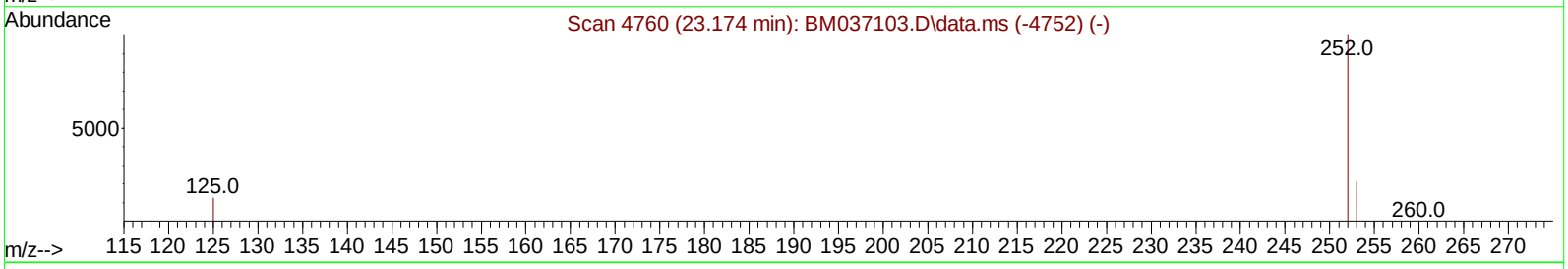


TIC: BM037122.D\data.ms

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

**23.169min (-23.169) 0.00 ng/ul**

**response 0**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 0.00 |
| 253.00 | 31.50 | 0.00# |
| 125.00 | 22.90 | 0.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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**Instrument :**
BNA_M
**ClientSampleId :**
BGNB6

**Manual IntegrationsAPPROVED**

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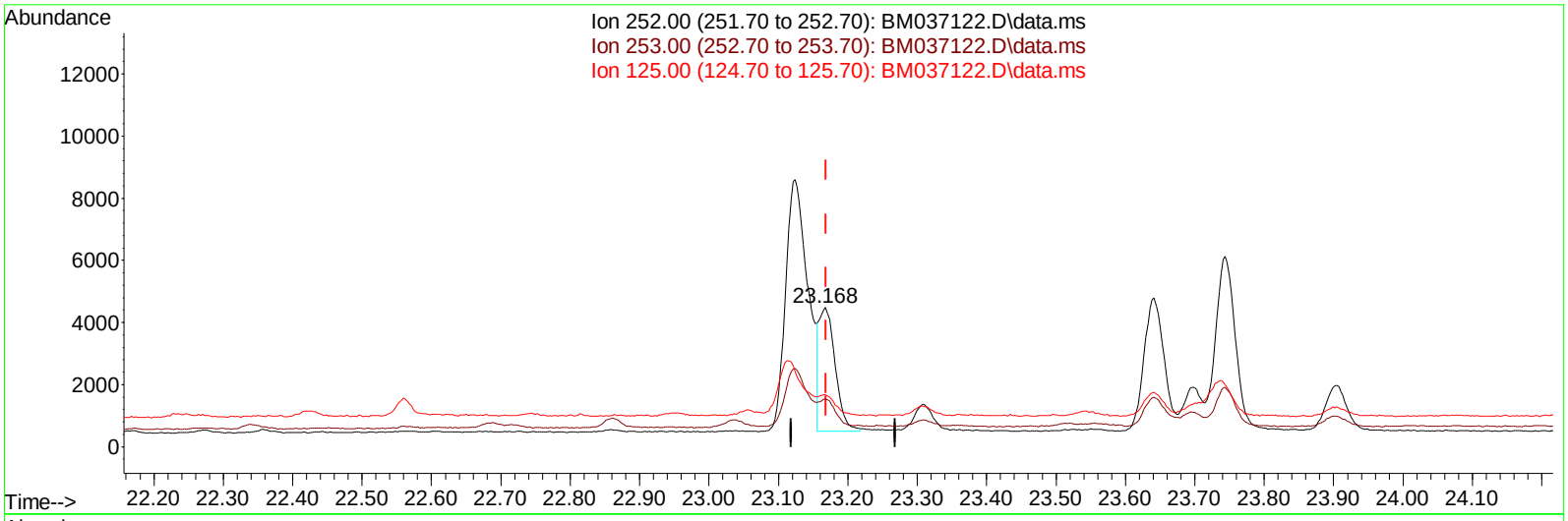


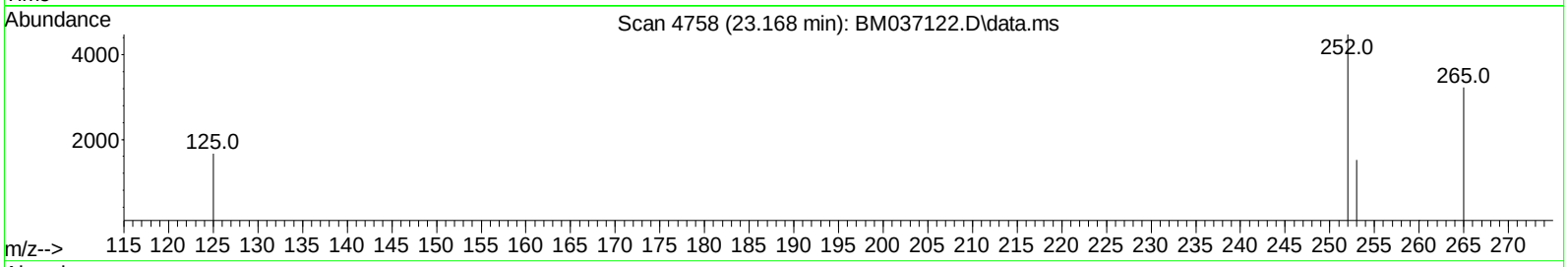


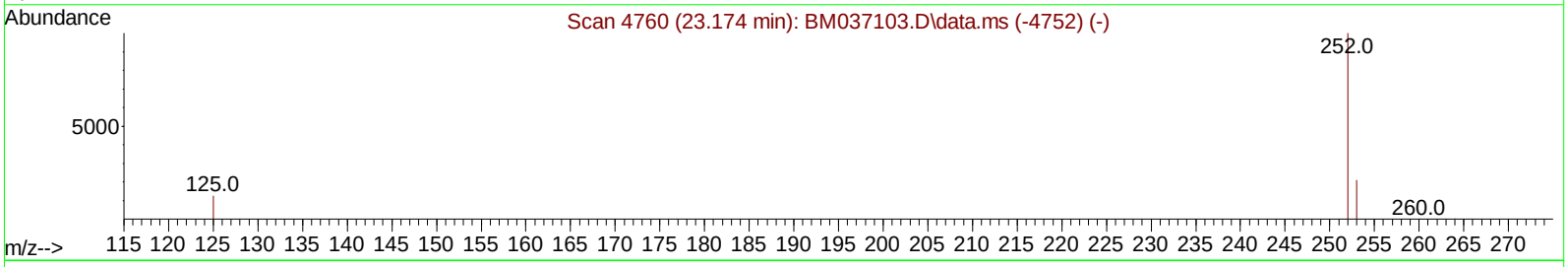


TIC: BM037122.D\data.ms

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

**23.168min (-0.001) 0.15 ng/ul m**

**response 6303**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 31.50 | 34.02 |
| 125.00 | 22.90 | 37.30# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
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**Instrument :**
BNA_M
**ClientSampleId :**
BGNB6

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.926 | 152 | 4566 | 0.400 | ng/ul | | 0.00 |
| 4) Naphthalene-d8 | 10.726 | 136 | 16878 | 0.400 | ng/ul | # | 0.00 |
| 9) Acenaphthene-d10 | 14.553 | 164 | 8756 | 0.400 | ng/ul | | 0.00 |
| 13) Phenanthrene-d10 | 17.293 | 188 | 17150 | 0.400 | ng/ul | | 0.00 |
| 17) Chrysene-d12 | 21.467 | 240 | 11025 | 0.400 | ng/ul | | 0.00 |
| 23) Perylene-d12 | 23.849 | 264 | 9855 | 0.400 | ng/ul | # | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.335 | 96 | 30259 | 4.699 | ng/ul | | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.316 | 152 | 6251 | 0.245 | ng/ul | | 0.00 |
| 18) Fluoranthene-d10 | 19.313 | 212 | 11403 | 0.346 | ng/ul | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 15) Phenanthrene | 17.335 | 178 | 12840 | 0.235 | ng/ul | | 99 |
| 16) Anthracene | 17.424 | 178 | 2504 | 0.055 | ng/ul | # | 90 |
| 19) Fluoranthene | 19.346 | 202 | 32305 | 0.737 | ng/ul | | 99 |
| 20) Pyrene | 19.708 | 202 | 27467m | 0.601 | ng/ul | | |
| 21) Benzo(a)anthracene | 21.449 | 228 | 10647 | 0.267 | ng/ul | | 98 |
| 22) Chrysene | 21.502 | 228 | 13935 | 0.326 | ng/ul | | 99 |
| 24) Benzo(b)fluoranthene | 23.124 | 252 | 18337 | 0.417 | ng/ul | | 93 |
| 25) Benzo(k)fluoranthene | 23.168 | 252 | 6303m | 0.147 | ng/ul | | |
| 26) Benzo(a)pyrene | 23.744 | 252 | 10904 | 0.305 | ng/ul | | 92 |
| 27) Indeno(1,2,3-cd)pyrene | 26.325 | 276 | 8621 | 0.170 | ng/ul | # | 94 |
| 28) Dibenzo(a,h)anthracene | 26.332 | 278 | 2108 | 0.052 | ng/ul | # | 66 |
| 29) Benzo(g,h,i)perylene | 27.087 | 276 | 7384 | 0.166 | ng/ul | | 97 |

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

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