Quantitation Report (Qedit)

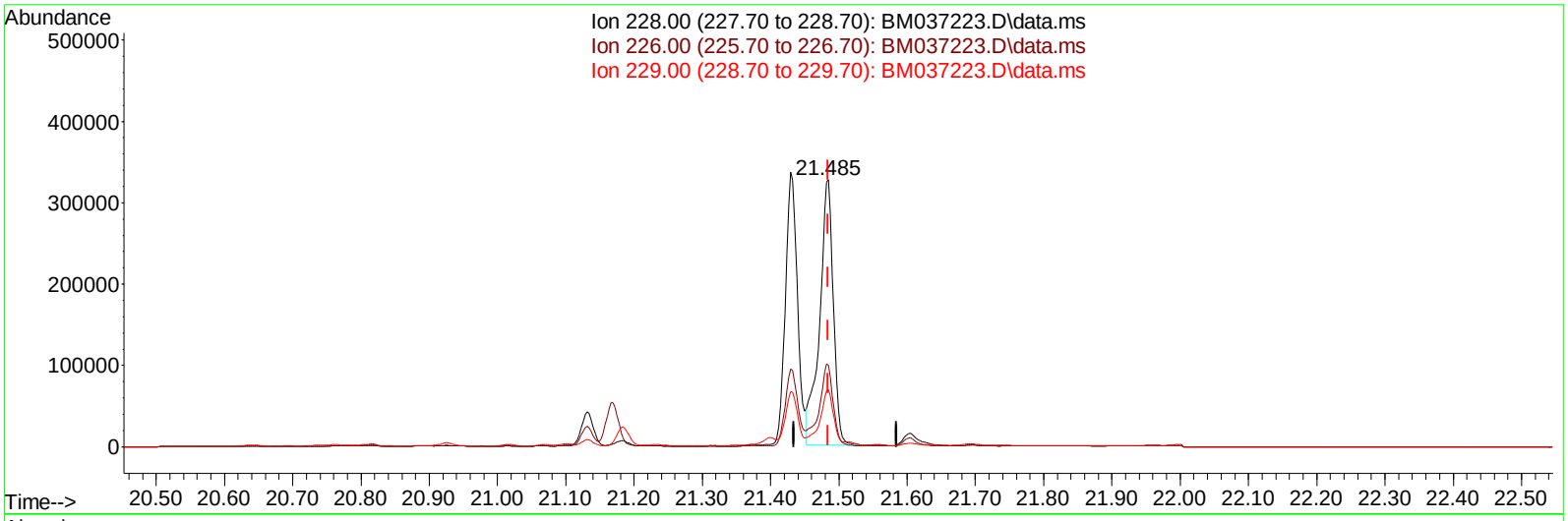
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102522\
Data File : BM037223.D
Acq On : 25 Oct 2022 11:55
Operator : CG/JU
Sample : N5144-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

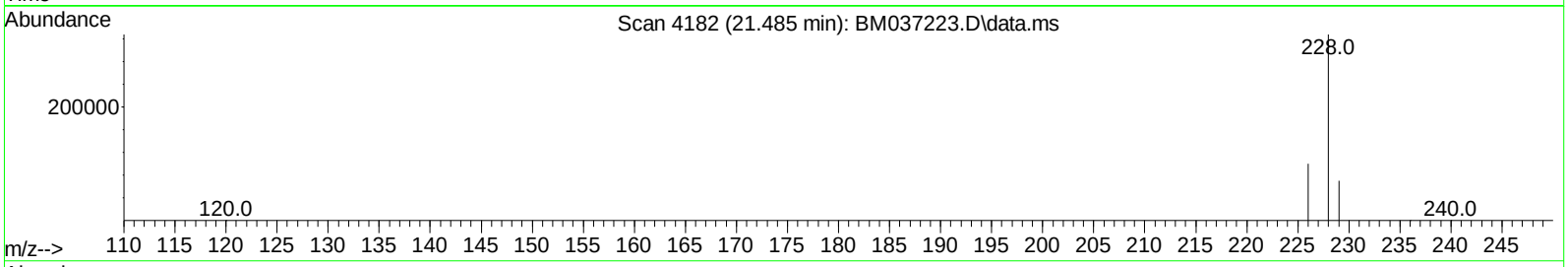
Quant Time: Oct 31 00:46:54 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
Response via : Initial Calibration

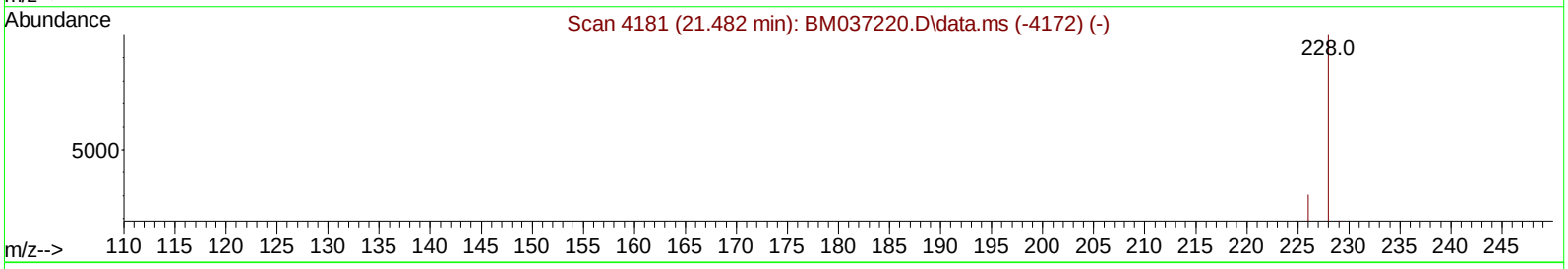
**Instrument :**
BNA_M
**ClientSampleId :**
C0BK1

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022




TIC: BM037223.D\data.ms

**(22) Chrysene**

**21.485min (+ 0.001) 7.96 ng/ul**

**response 456923**

| Ion | Exp% | Act% |
|---|---|---|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 31.00 | 30.63 |
| 229.00 | 20.00 | 21.36 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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**Instrument :**
BNA_M
**ClientSampleId :**
C0BK1

**Manual IntegrationsAPPROVED**

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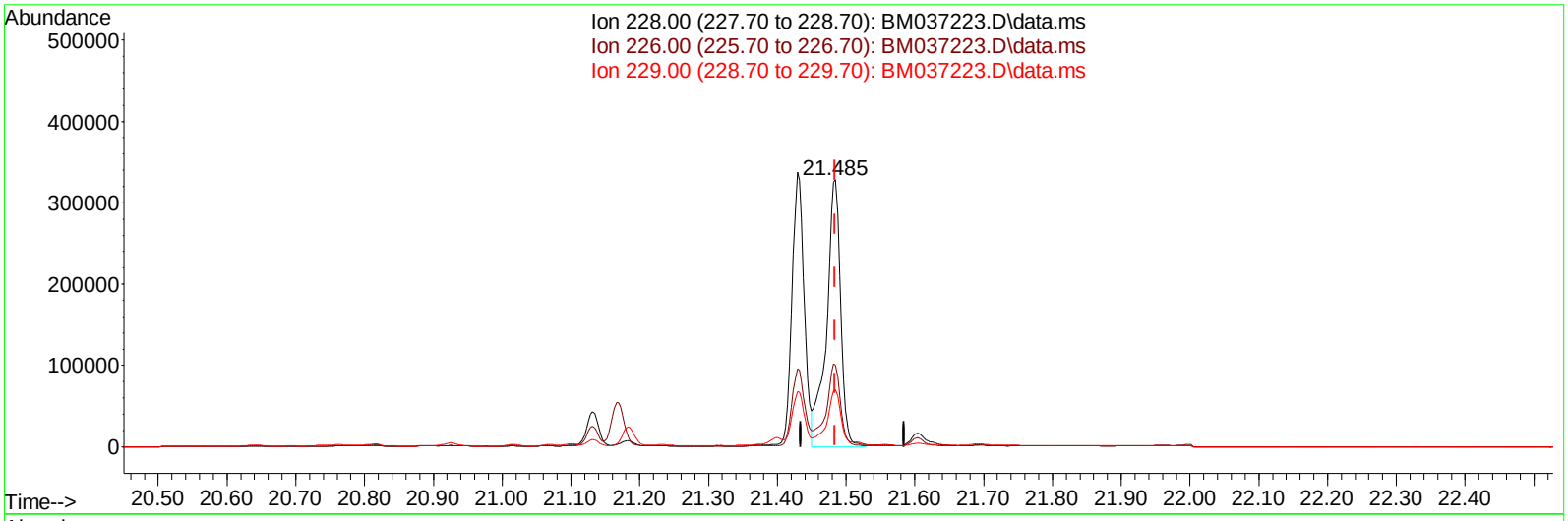
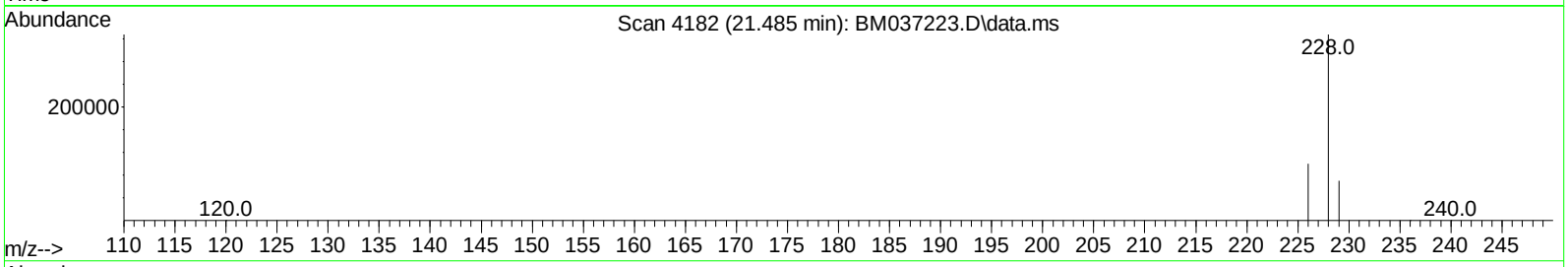
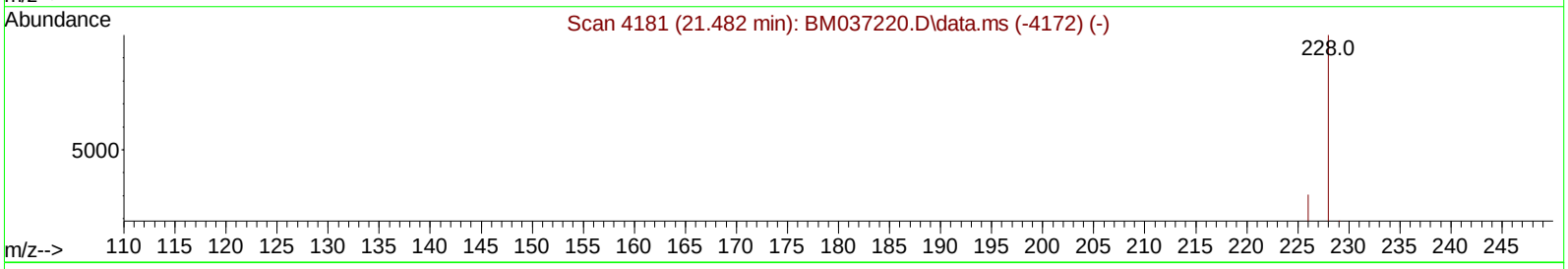
Supervised By :mohammad ahmed 11/02/2022




TIC: BM037223.D\data.ms

**(22) Chrysene**

**21.485min (+ 0.001) 8.25 ng/ul m**

**response 473450**

| Ion | Exp% | Act% |
|---|---|---|
| 228.00 | 100.00 | 100.00 |
| 226.00 | 31.00 | 30.63 |
| 229.00 | 20.00 | 21.36 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102522\
Data File : BM037223.D
Acq On : 25 Oct 2022 11:55
Operator : CG/JU
Sample : N5144-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 31 00:46:54 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
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**Instrument :**
BNA_M
**ClientSampleId :**
C0BK1

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 11/01/2022
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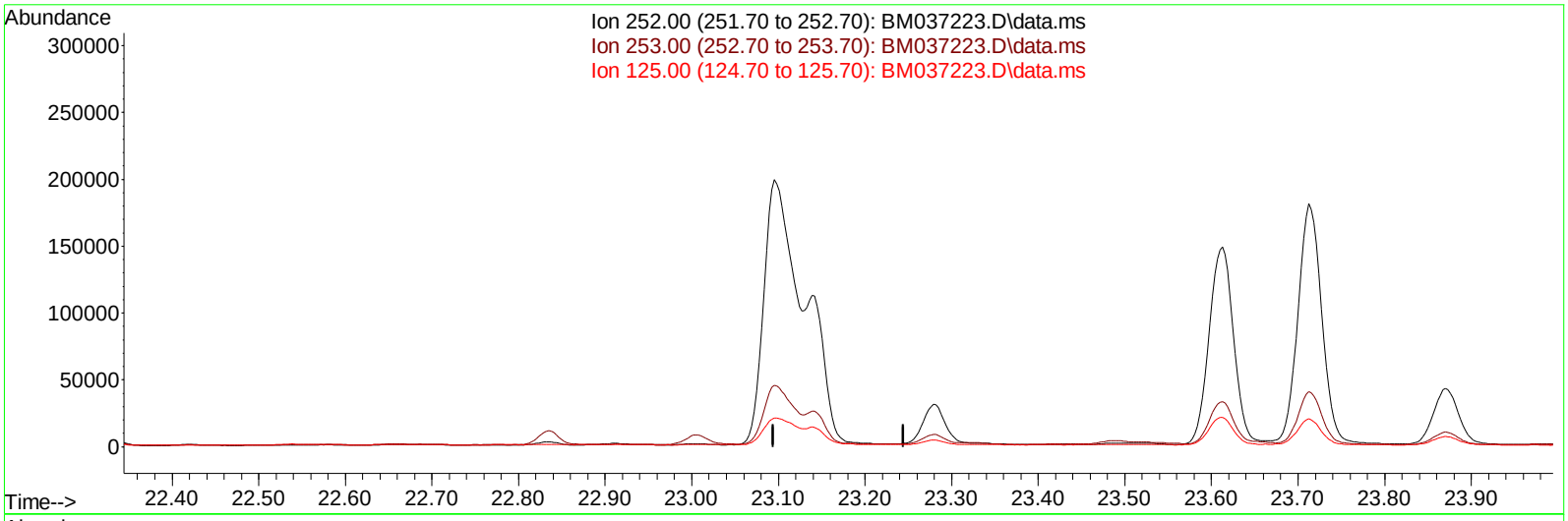
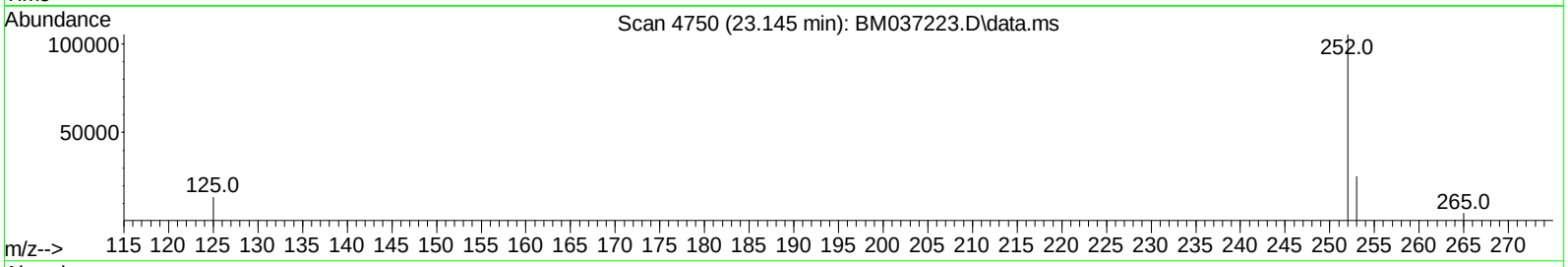
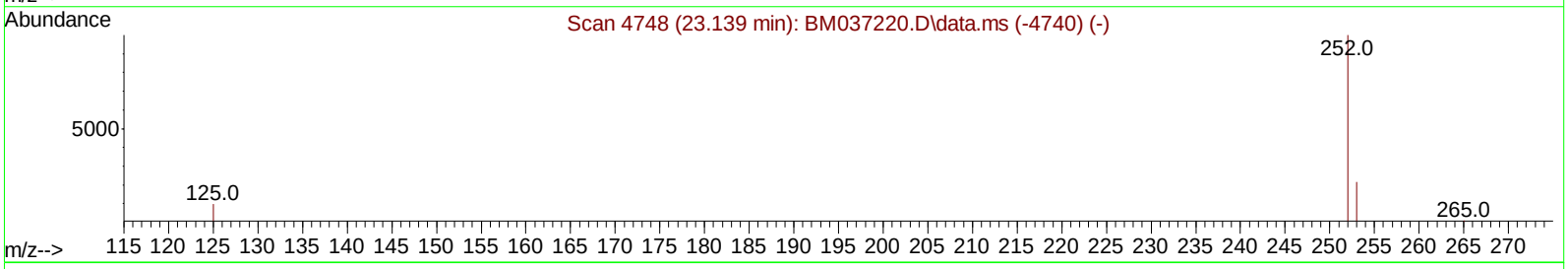



TIC: BM037223.D\data.ms

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

**23.144min (-23.144) 0.00 ng/ul**

**response 0**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 0.00 |
| 253.00 | 25.70 | 0.00# |
| 125.00 | 16.60 | 0.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

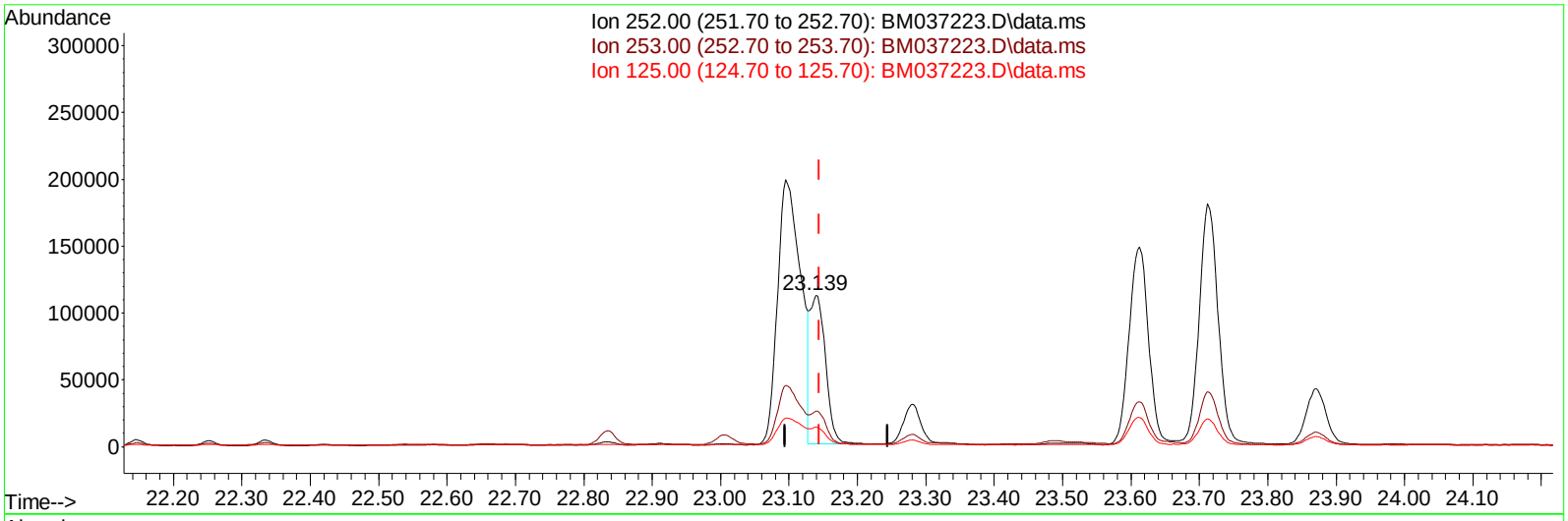
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102522\
Data File : BM037223.D
Acq On : 25 Oct 2022 11:55
Operator : CG/JU
Sample : N5144-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

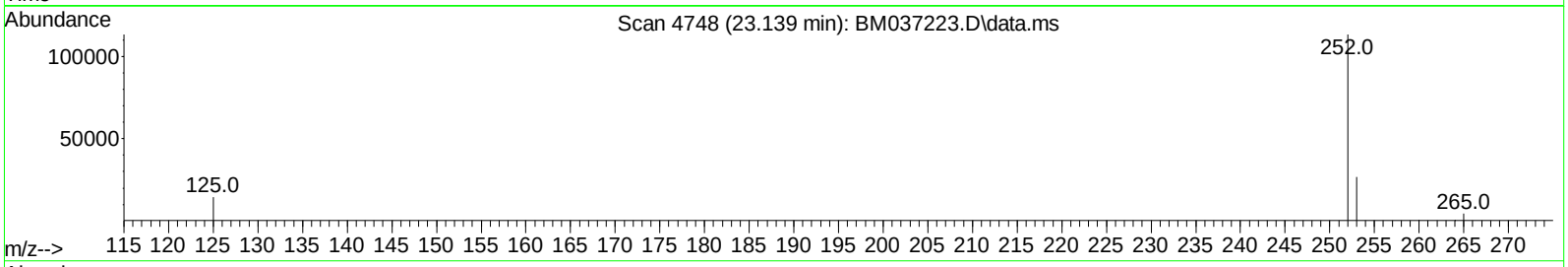
Quant Time: Oct 31 00:46:54 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
Response via : Initial Calibration

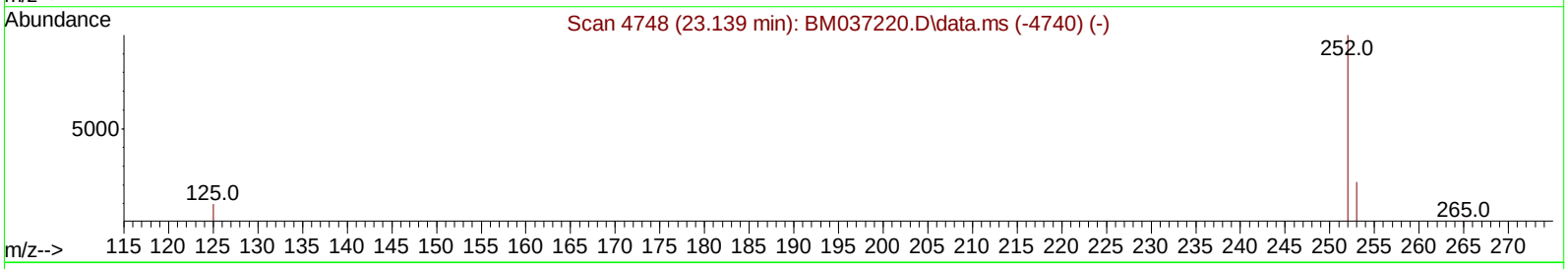
**Instrument :**
BNA_M
**ClientSampleId :**
C0BK1

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022




TIC: BM037223.D\data.ms

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

**23.139min (-0.005) 3.35 ng/ul m**

**response 175353**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 25.70 | 23.68 |
| 125.00 | 16.60 | 12.93# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102522\
Data File : BM037223.D
Acq On : 25 Oct 2022 11:55
Operator : CG/JU
Sample : N5144-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 31 00:46:54 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
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QLast Update : Sat Oct 22 03:34:37 2022
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**Instrument :**
BNA_M
**ClientSampleId :**
C0BK1

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 11/01/2022
Supervised By :mohammad ahmed 11/02/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.900 | 152 | 4548 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.699 | 136 | 14445 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.529 | 164 | 8482 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.271 | 188 | 17759 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.447 | 240 | 12853 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.817 | 264 | 10211 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.310 | 96 | 24036 | 4.335 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.288 | 152 | 6052 | 0.295 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.293 | 212 | 14738 | 0.379 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.749 | 128 | 28632 | 0.669 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.360 | 142 | 19454 | 0.759 | ng/ul | 97 |
| 8) 1-Methylnaphthalene | 12.580 | 142 | 19811 | 0.758 | ng/ul | 100 |
| 10) Acenaphthylene | 14.251 | 152 | 46654 | 1.280 | ng/ul | 99 |
| 11) Acenaphthene | 14.594 | 153 | 7985 | 0.242 | ng/ul | 99 |
| 12) Fluorene | 15.574 | 166 | 17309 | 0.449 | ng/ul | 98 |
| 15) Phenanthrene | 17.313 | 178 | 734946 | 12.259 | ng/ul | 98 |
| 16) Anthracene | 17.402 | 178 | 90798 | 1.912 | ng/ul | 99 |
| 19) Fluoranthene | 19.326 | 202 | 1174589 | 21.037 | ng/ul | 96 |
| 20) Pyrene | 19.688 | 202 | 1158242 | 20.462 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.429 | 228 | 406723 | 8.154 | ng/ul | 98 |
| 22) Chrysene | 21.485 | 228 | 473450m | 8.249 | ng/ul | |
| 24) Benzo(b)fluoranthene | 23.095 | 252 | 467588 | 8.645 | ng/ul | 92 |
| 25) Benzo(k)fluoranthene | 23.139 | 252 | 175353m | 3.355 | ng/ul | |
| 26) Benzo(a)pyrene | 23.712 | 252 | 344079 | 7.923 | ng/ul# | 85 |
| 27) Indeno(1,2,3-cd)pyrene | 26.272 | 276 | 264299 | 4.357 | ng/ul# | 88 |
| 28) Dibenzo(a,h)anthracene | 26.282 | 278 | 67270 | 1.405 | ng/ul | 99 |
| 29) Benzo(g,h,i)perylene | 27.030 | 276 | 259417 | 4.862 | ng/ul | 96 |

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

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