Quantitation Report (Qedit)

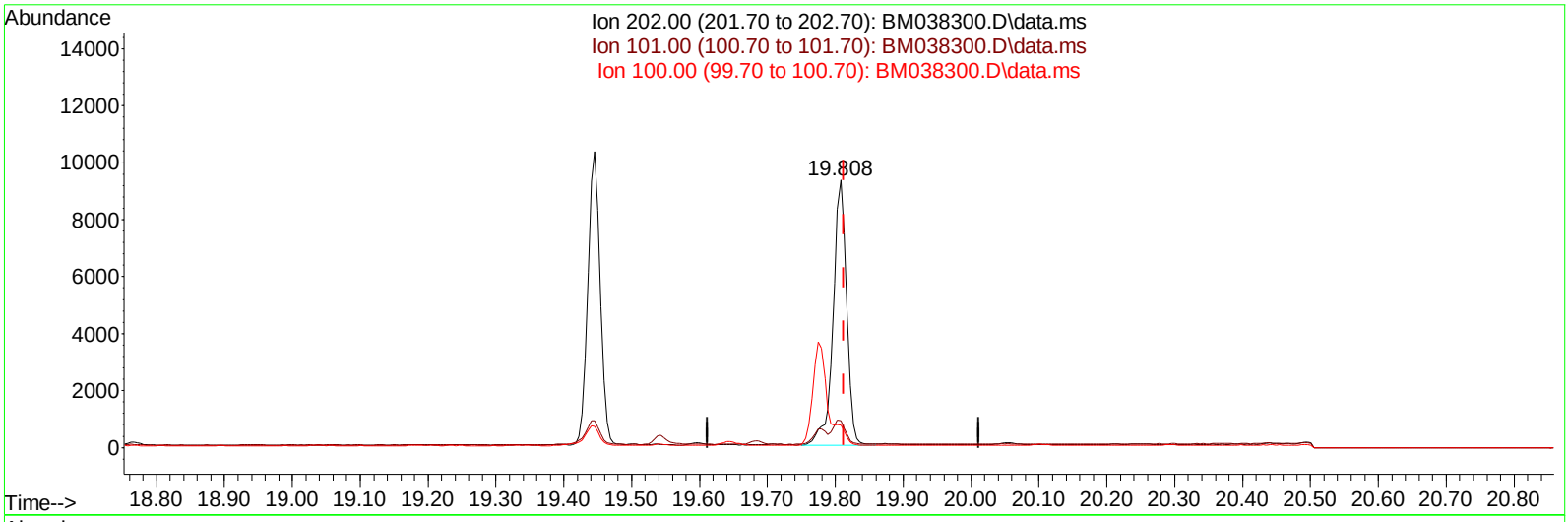
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038300.D
Acq On : 25 Dec 2022 09:28
Operator : CG/JU
Sample : N6018-16DL 5X
Misc :
ALS Vial : 109 Sample Multiplier: 1

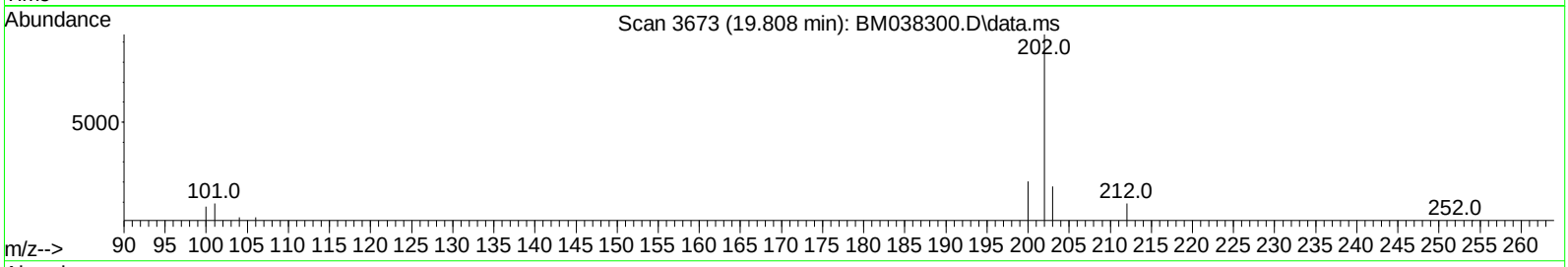
Quant Time: Dec 25 23:54:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration

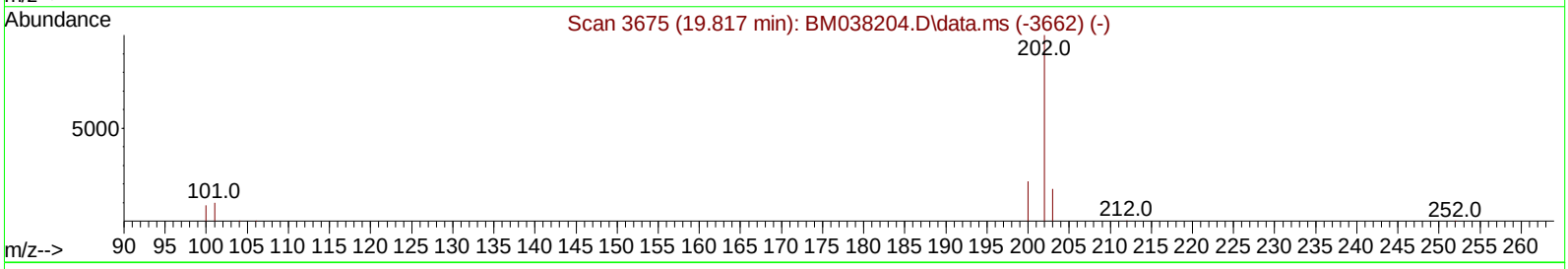
**Instrument :**
BNA_M
**ClientSampleId :**
DBYK1DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022




TIC: BM038300.D\data.ms

**(20) Pyrene**

**19.808min (-0.005) 0.24 ng/ul**

**response 12552**

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 11.10 | 10.03 |
| 100.00 | 9.20 | 8.30 |
| 0.00 | 0.00 | 0.00 |

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**Manual IntegrationsAPPROVED**

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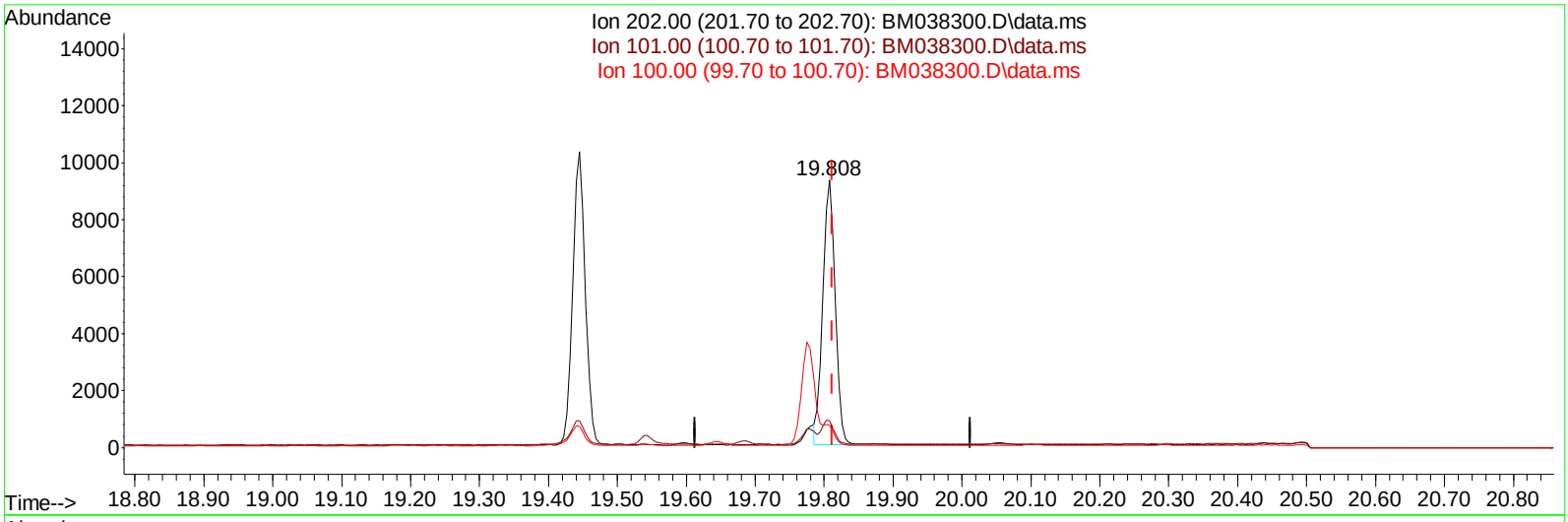


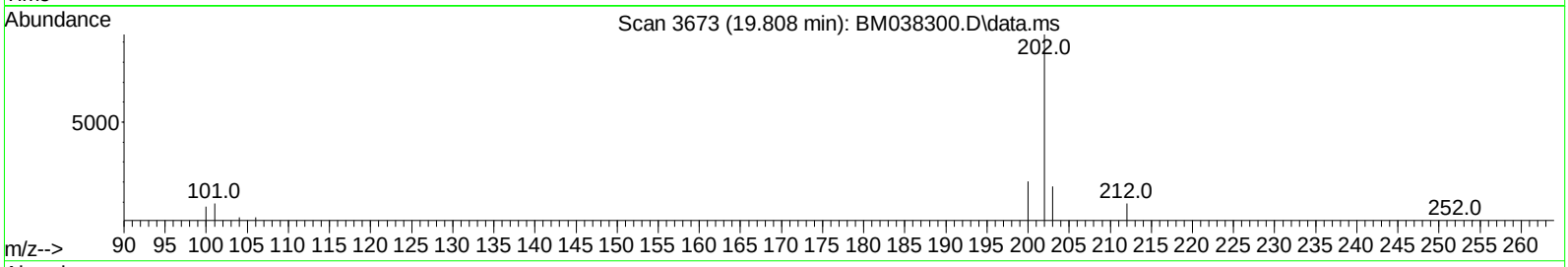


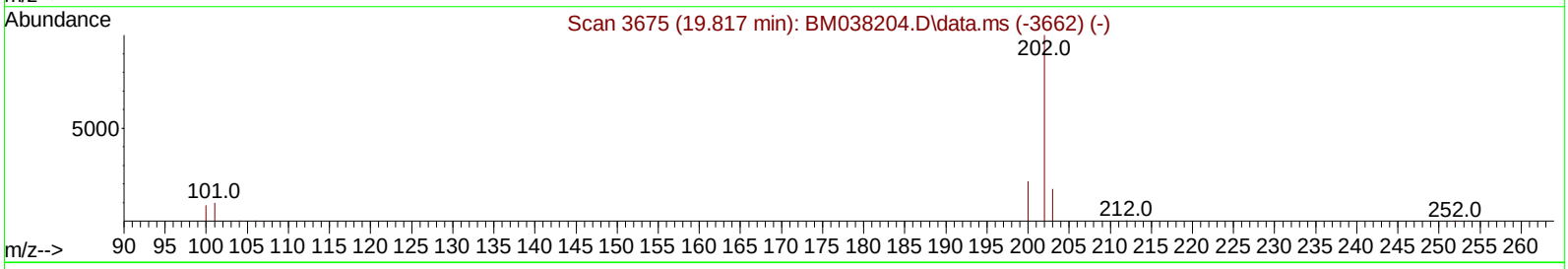


TIC: BM038300.D\data.ms

**(20) Pyrene**

**19.808min (-0.005) 0.22 ng/ul m**

**response 11843**

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 11.10 | 10.03 |
| 100.00 | 9.20 | 8.30 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Acq On : 25 Dec 2022 09:28
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Sample : N6018-16DL 5X
Misc :
ALS Vial : 109 Sample Multiplier: 1

Quant Time: Dec 25 23:54:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
DBYK1DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/26/2022
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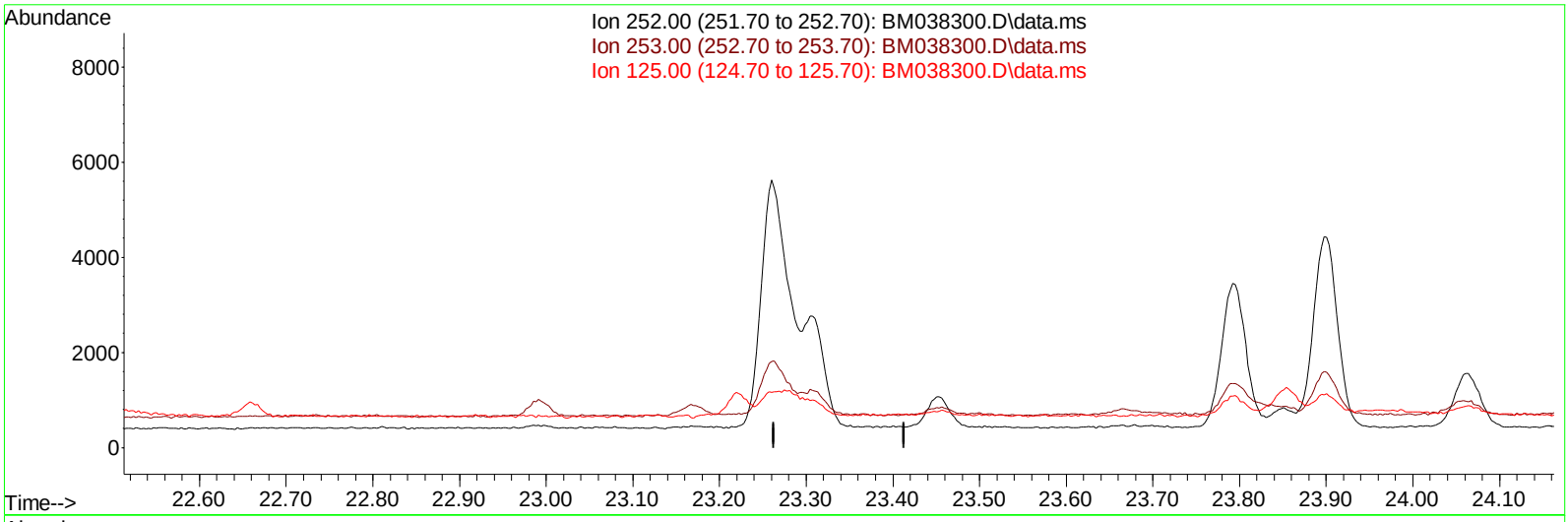


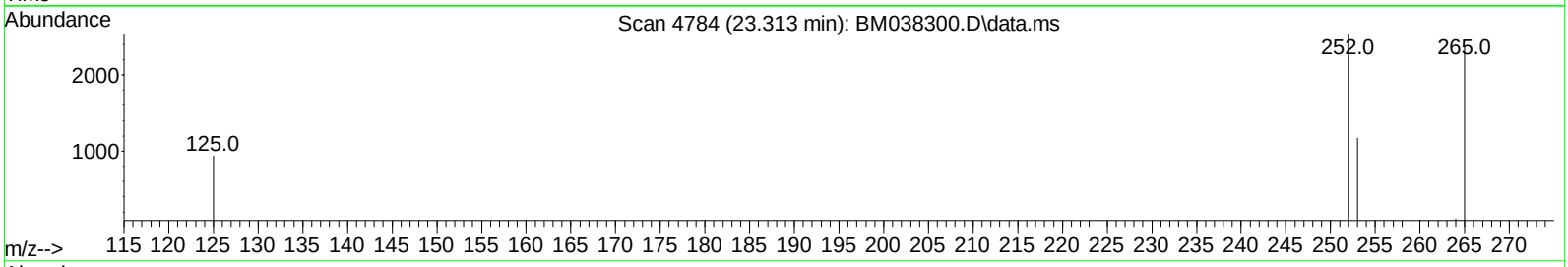


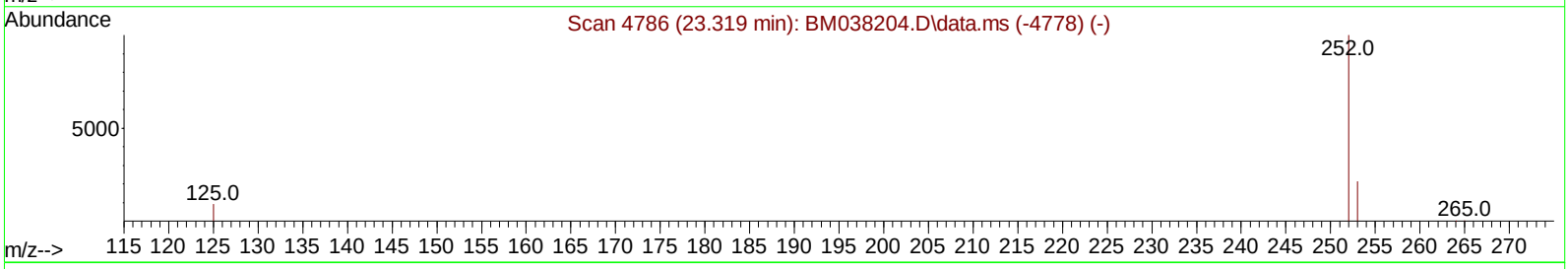


TIC: BM038300.D\data.ms

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

**23.313min (-23.313) 0.00 ng/ul**

**response 0**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 0.00 |
| 253.00 | 28.10 | 0.00# |
| 125.00 | 18.00 | 0.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : N6018-16DL 5X
Misc :
ALS Vial : 109 Sample Multiplier: 1

Quant Time: Dec 25 23:54:53 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
DBYK1DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/26/2022
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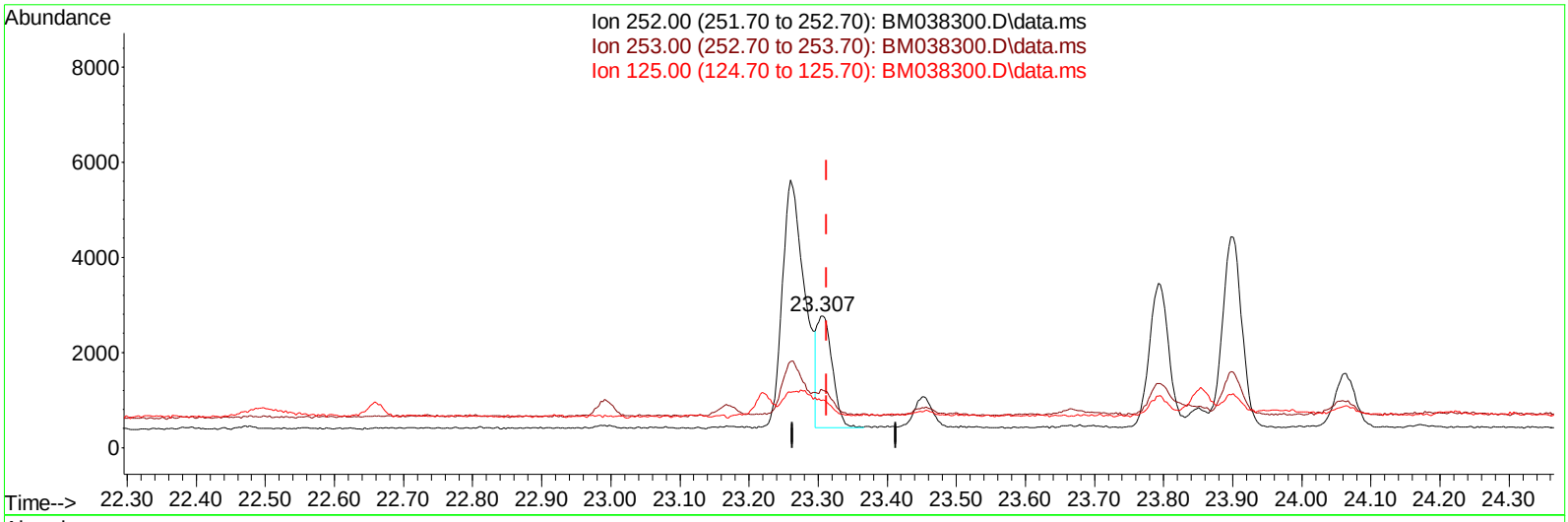


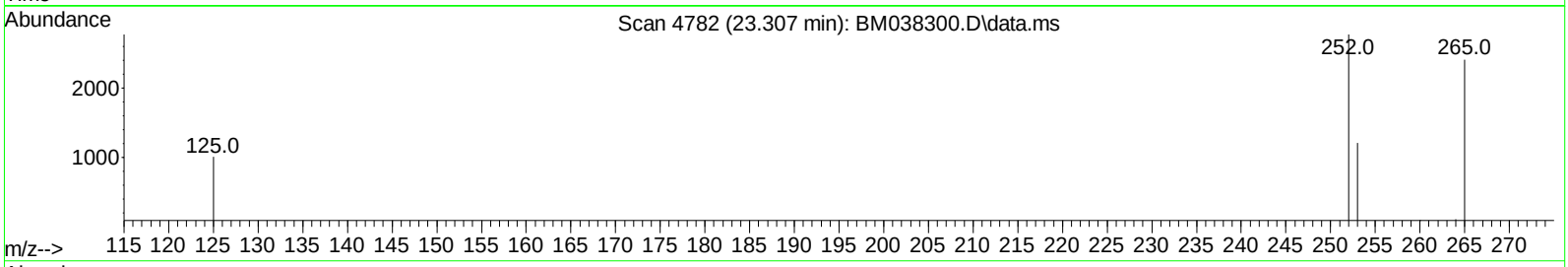


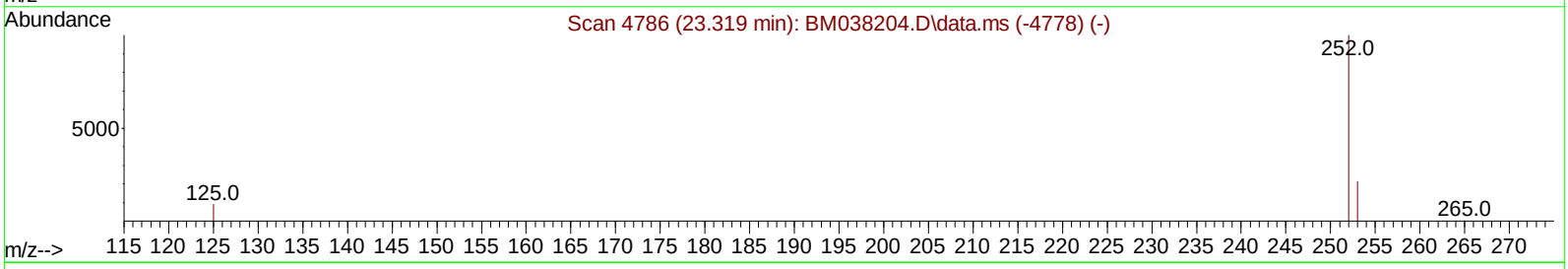


TIC: BM038300.D\data.ms

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

**23.307min (-0.006) 0.10 ng/ul m**

**response 3648**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.10 | 43.43# |
| 125.00 | 18.00 | 36.17# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038300.D
Acq On : 25 Dec 2022 09:28
Operator : CG/JU
Sample : N6018-16DL 5X
Misc :
ALS Vial : 109 Sample Multiplier: 1

Quant Time: Dec 25 23:54:53 2022
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**Instrument :**
BNA_M
**ClientSampleId :**
DBYK1DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.026 | 152 | 3510 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.840 | 136 | 10534 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.652 | 164 | 6409 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.392 | 188 | 12710 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.565 | 240 | 9527 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 24.009 | 264 | 8938 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.389 | 96 | 3676 | 1.030 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.418 | 152 | 1144 | 0.074 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.413 | 212 | 2391 | 0.067 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.889 | 128 | 650 | 0.021 | ng/ul# | 71 |
| 7) 2-Methylnaphthalene | 12.489 | 142 | 385 | 0.020 | ng/ul | 98 |
| 15) Phenanthrene | 17.434 | 178 | 5940 | 0.140 | ng/ul | 97 |
| 16) Anthracene | 17.527 | 178 | 1014 | 0.025 | ng/ul# | 74 |
| 19) Fluoranthene | 19.445 | 202 | 13025 | 0.250 | ng/ul | 99 |
| 20) Pyrene | 19.808 | 202 | 11843m | 0.225 | ng/ul | |
| 21) Benzo(a)anthracene | 21.548 | 228 | 6065 | 0.145 | ng/ul | 94 |
| 22) Chrysene | 21.603 | 228 | 7213 | 0.177 | ng/ul | 95 |
| 24) Benzo(b)fluoranthene | 23.260 | 252 | 11639 | 0.294 | ng/ul | 93 |
| 25) Benzo(k)fluoranthene | 23.307 | 252 | 3648m | 0.096 | ng/ul | |
| 26) Benzo(a)pyrene | 23.898 | 252 | 7819 | 0.227 | ng/ul | 91 |
| 27) Indeno(1,2,3-cd)pyrene | 26.559 | 276 | 6314 | 0.132 | ng/ul# | 89 |
| 28) Dibenzo(a,h)anthracene | 26.562 | 278 | 1461 | 0.039 | ng/ul# | 18 |
| 29) Benzo(g,h,i)perylene | 27.350 | 276 | 6533 | 0.162 | ng/ul | 94 |

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

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