Quantitation Report (Qedit)

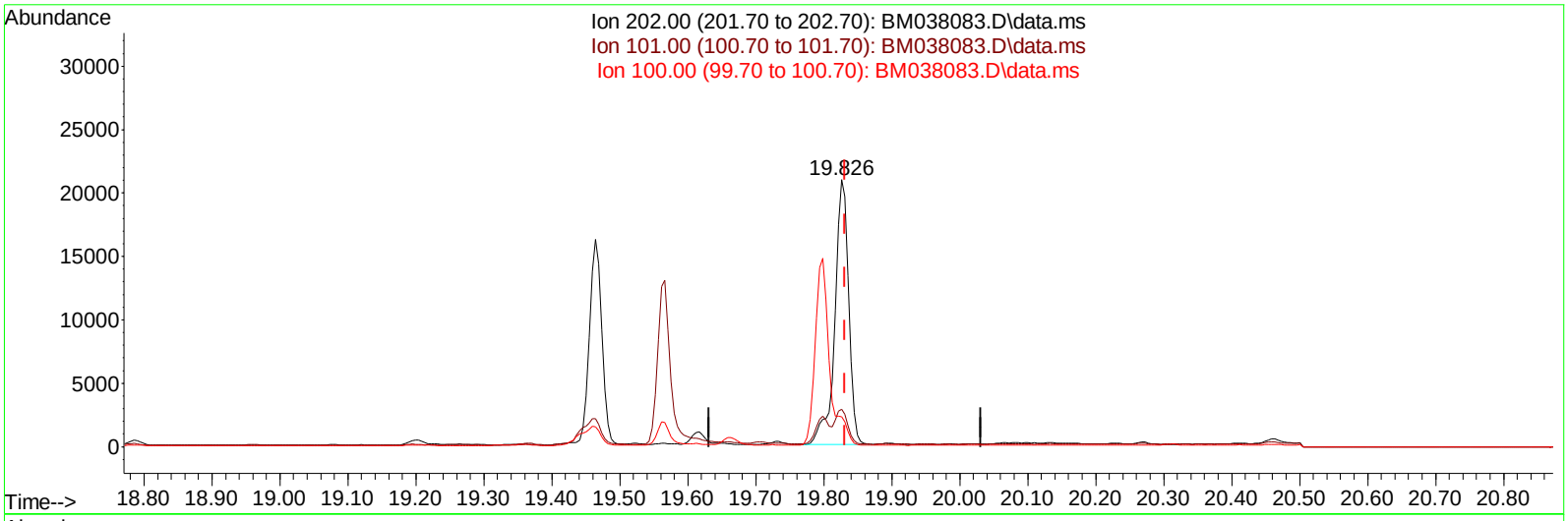
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038083.D
Acq On : 17 Dec 2022 01:04
Operator : CG/JU
Sample : N5925-22
Misc :
ALS Vial : 64 Sample Multiplier: 1

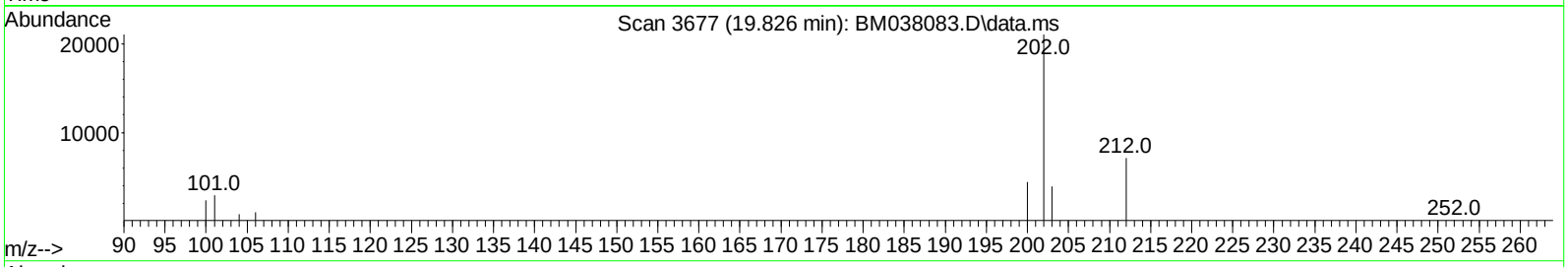
Quant Time: Dec 17 01:50:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
Response via : Initial Calibration

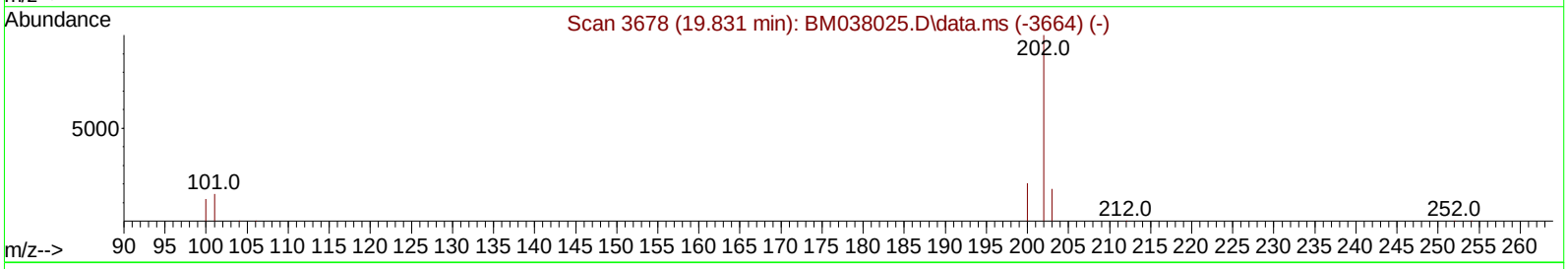
**Instrument :**
BNA_M
**ClientSampleId :**
DBYE4

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022




TIC: BM038083.D\data.ms

**(20) Pyrene**

**19.826min (-0.005) 0.30 ng/ul**

**response 29683**

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.10 | 14.14 |
| 100.00 | 12.20 | 11.23 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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QLast Update : Thu Dec 15 21:53:17 2022
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**Instrument :**
BNA_M
**ClientSampleId :**
DBYE4

**Manual IntegrationsAPPROVED**

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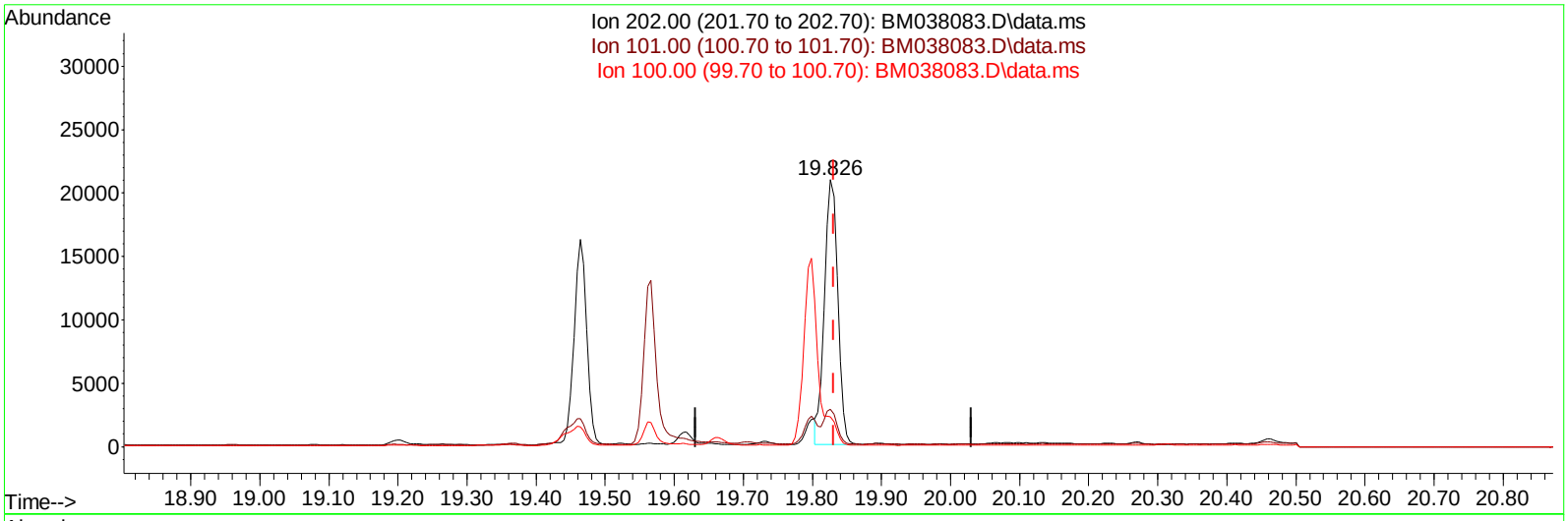
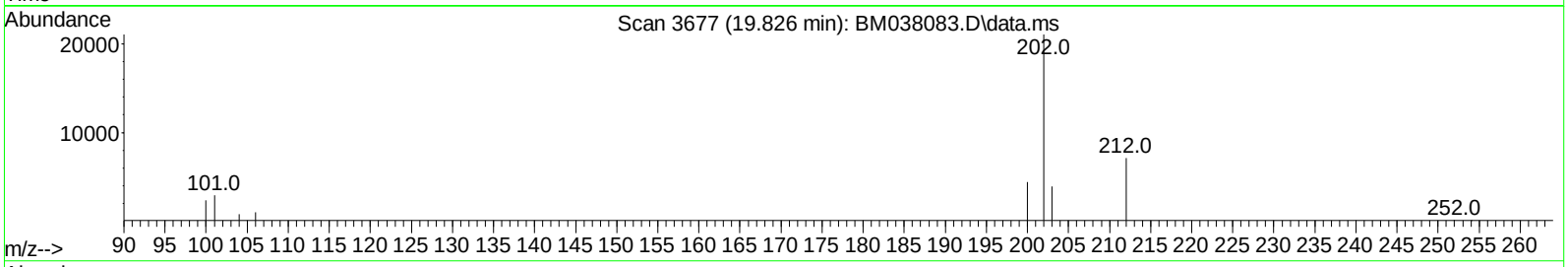
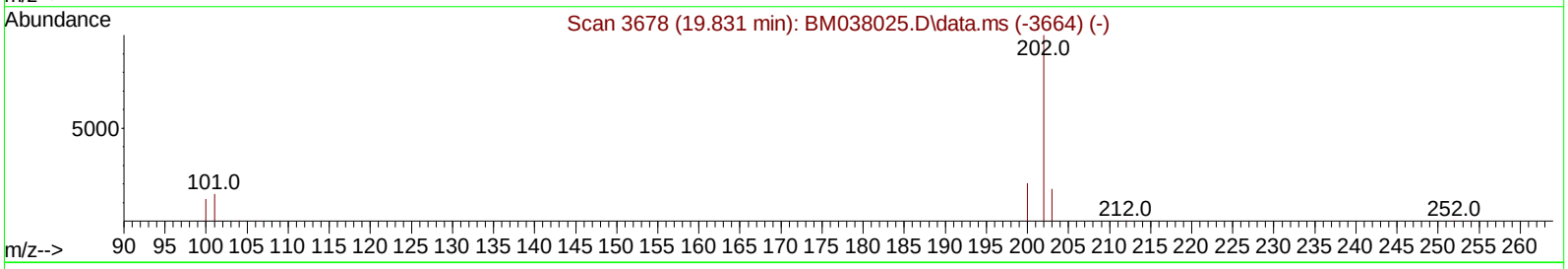



TIC: BM038083.D\data.ms

**(20) Pyrene**

**19.826min (-0.005) 0.28 ng/ul m**

**response 27724**

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 15.10 | 14.14 |
| 100.00 | 12.20 | 11.23 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

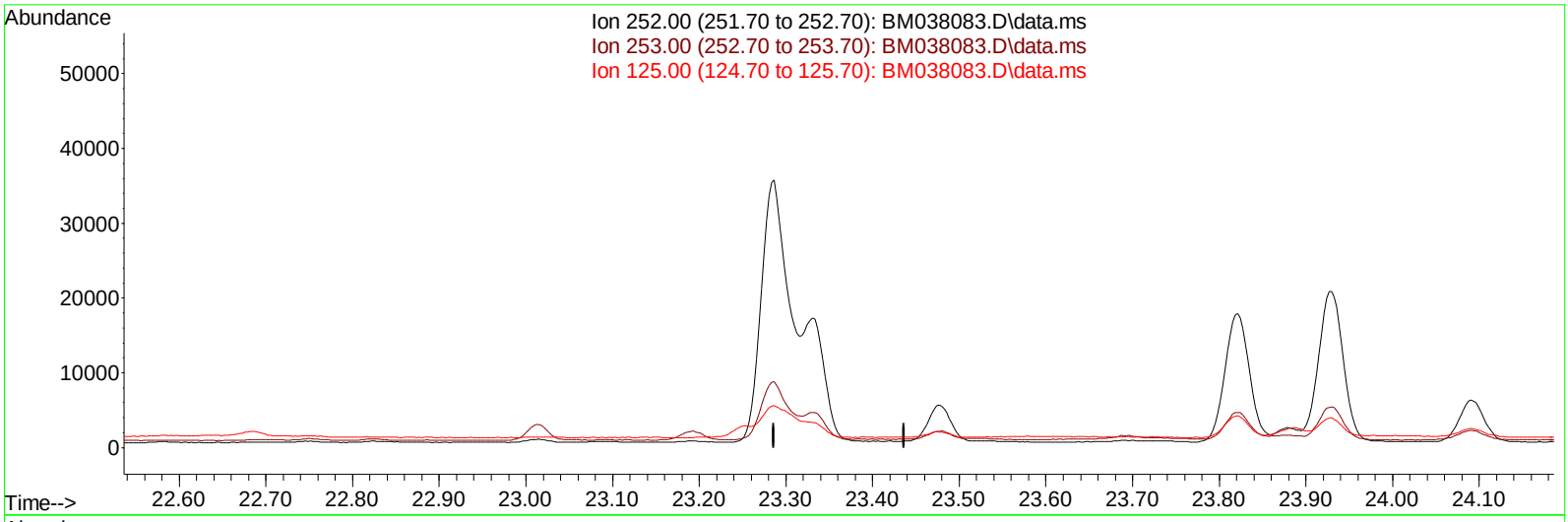
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038083.D
Acq On : 17 Dec 2022 01:04
Operator : CG/JU
Sample : N5925-22
Misc :
ALS Vial : 64 Sample Multiplier: 1

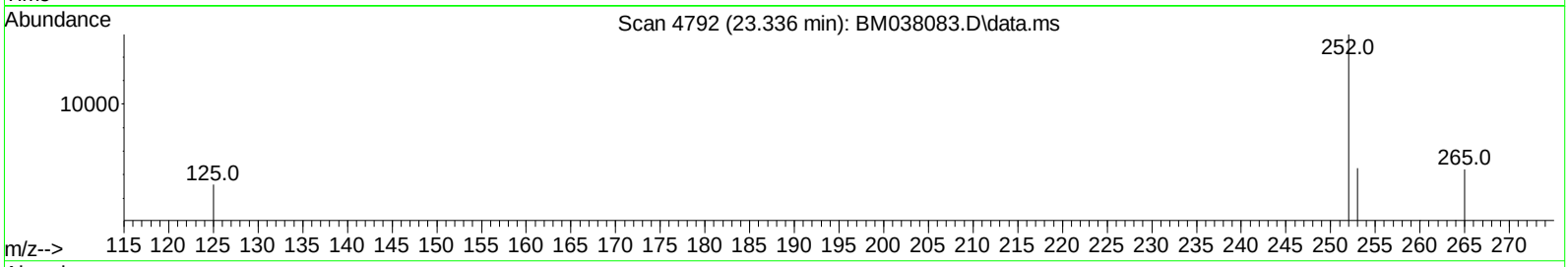
Quant Time: Dec 17 01:50:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
Response via : Initial Calibration

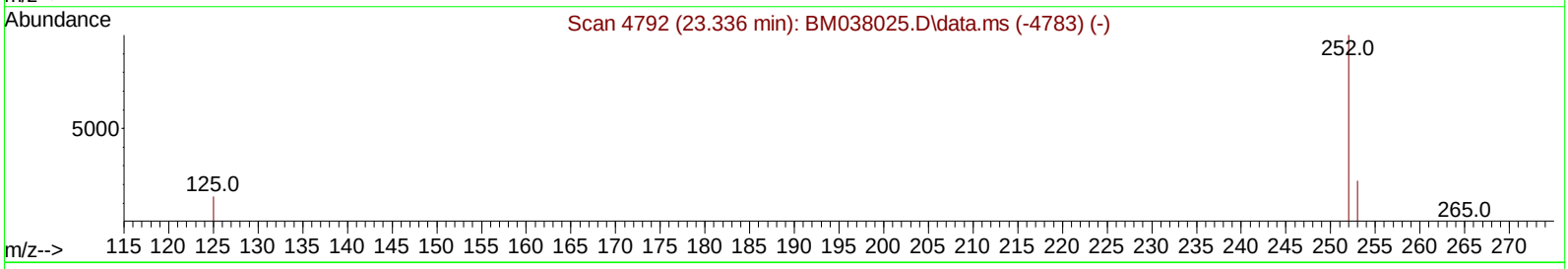
**Instrument :**
BNA_M
**ClientSampleId :**
DBYE4

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022




TIC: BM038083.D\data.ms

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

**23.336min (-23.336) 0.00 ng/ul**

**response 0**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 0.00 |
| 253.00 | 26.00 | 0.00# |
| 125.00 | 21.40 | 0.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

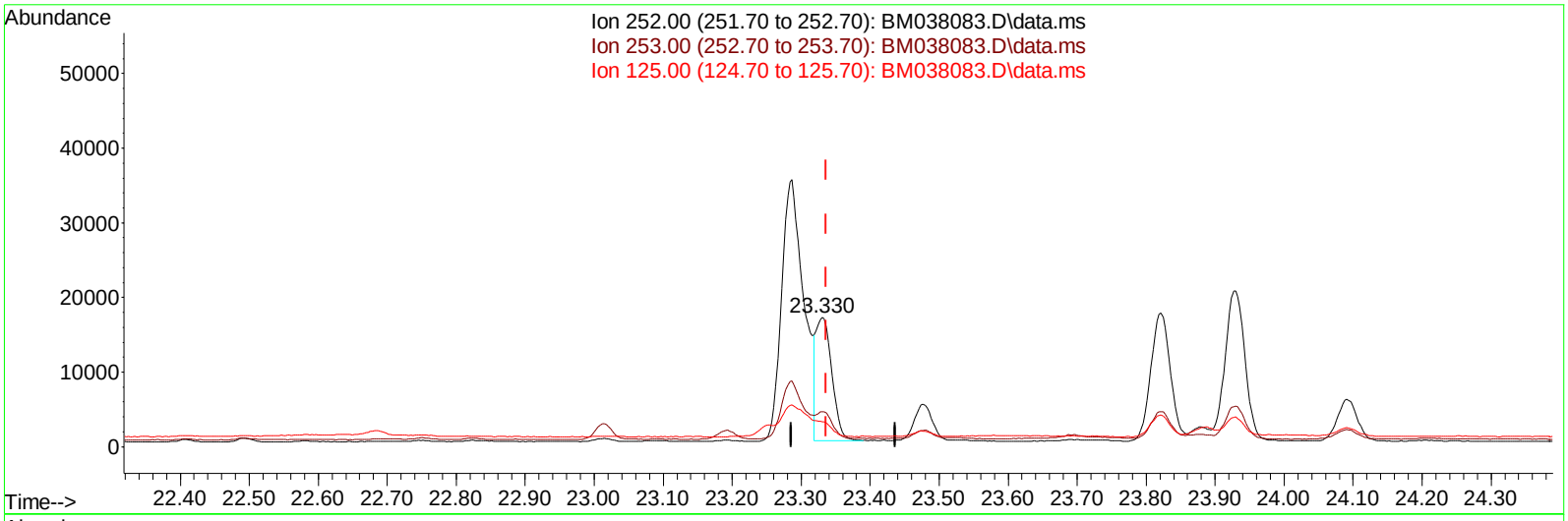
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038083.D
Acq On : 17 Dec 2022 01:04
Operator : CG/JU
Sample : N5925-22
Misc :
ALS Vial : 64 Sample Multiplier: 1

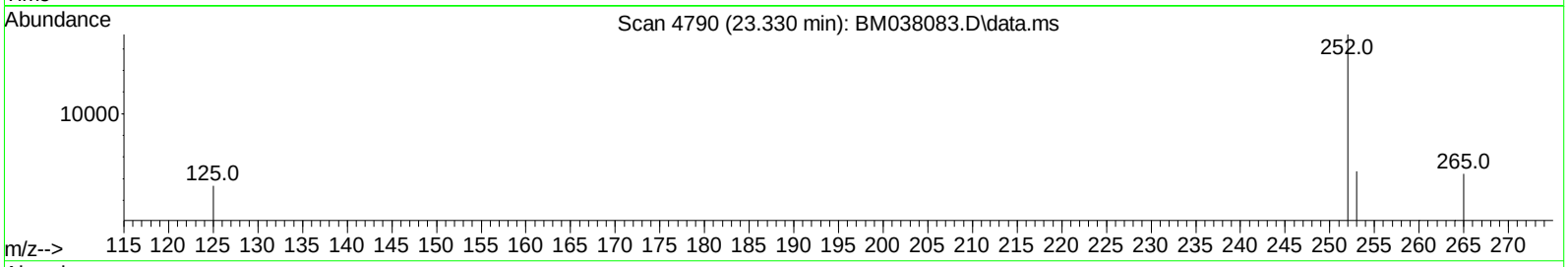
Quant Time: Dec 17 01:50:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
Response via : Initial Calibration

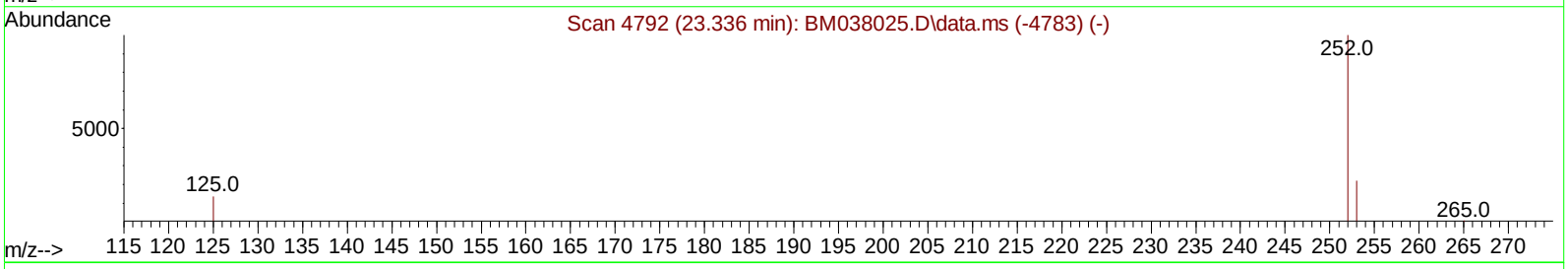
**Instrument :**
BNA_M
**ClientSampleId :**
DBYE4

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022




TIC: BM038083.D\data.ms

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

**23.330min (-0.006) 0.32 ng/ul m**

**response 25808**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.00 | 27.14 |
| 125.00 | 21.40 | 19.36 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038083.D
Acq On : 17 Dec 2022 01:04
Operator : CG/JU
Sample : N5925-22
Misc :
ALS Vial : 64 Sample Multiplier: 1

Quant Time: Dec 17 01:50:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
DBYE4

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.055 | 152 | 5523 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.867 | 136 | 18321 | 0.400 | ng/ul | -0.01 |
| 9) Acenaphthene-d10 | 14.680 | 164 | 10957 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.417 | 188 | 23551 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.582 | 240 | 18579 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 24.038 | 264 | 17866 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.402 | 96 | 22467 | 2.976 | ng/ul | -0.01 |
| 6) 2-Methylnaphthalene-d10 | 12.445 | 152 | 6579 | 0.246 | ng/ul | -0.01 |
| 18) Fluoranthene-d10 | 19.436 | 212 | 14950 | 0.222 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.922 | 128 | 1340 | 0.024 | ng/ul# | 81 |
| 10) Acenaphthylene | 14.402 | 152 | 4338 | 0.076 | ng/ul# | 92 |
| 12) Fluorene | 15.725 | 166 | 1572 | 0.033 | ng/ul# | 94 |
| 14) Pentachlorophenol | 17.067 | 266 | 11460 | 1.175 | ng/ul | 99 |
| 15) Phenanthrene | 17.459 | 178 | 10802 | 0.136 | ng/ul | 97 |
| 16) Anthracene | 17.548 | 178 | 14866 | 0.203 | ng/ul | 98 |
| 19) Fluoranthene | 19.464 | 202 | 20934 | 0.218 | ng/ul | 99 |
| 20) Pyrene | 19.826 | 202 | 27724m | 0.283 | ng/ul | |
| 21) Benzo(a)anthracene | 21.565 | 228 | 41183 | 0.513 | ng/ul | 99 |
| 22) Chrysene | 21.620 | 228 | 76990 | 0.951 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 23.287 | 252 | 78769 | 0.930 | ng/ul | 93 |
| 25) Benzo(k)fluoranthene | 23.330 | 252 | 25808m | 0.316 | ng/ul | |
| 26) Benzo(a)pyrene | 23.930 | 252 | 40305 | 0.565 | ng/ul# | 92 |
| 27) Indeno(1,2,3-cd)pyrene | 26.602 | 276 | 25037 | 0.280 | ng/ul# | 85 |
| 28) Dibenzo(a,h)anthracene | 26.615 | 278 | 7961 | 0.114 | ng/ul# | 83 |
| 29) Benzo(g,h,i)perylene | 27.397 | 276 | 17554 | 0.231 | ng/ul | 97 |

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

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