Quantitation Report (Qedit)

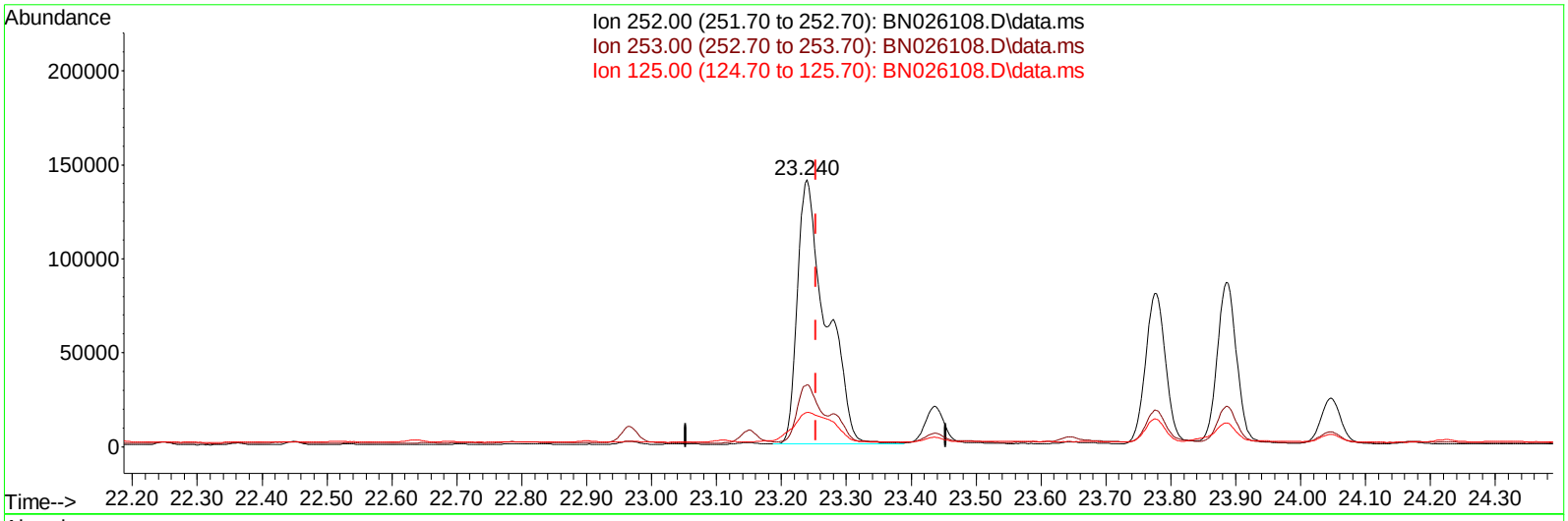
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026108.D
Acq On : 29 Jun 2023 23:23
Operator : MA/JU
Sample : 03143-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

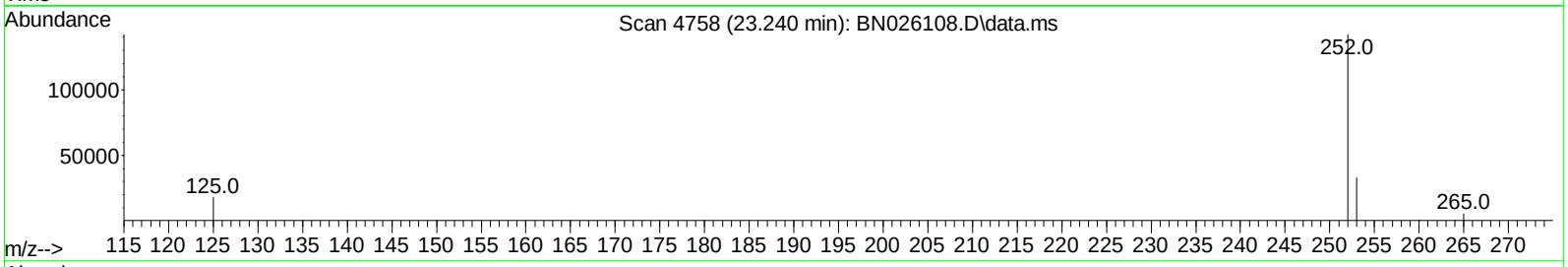
Quant Time: Jun 30 00:46:23 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
Response via : Initial Calibration

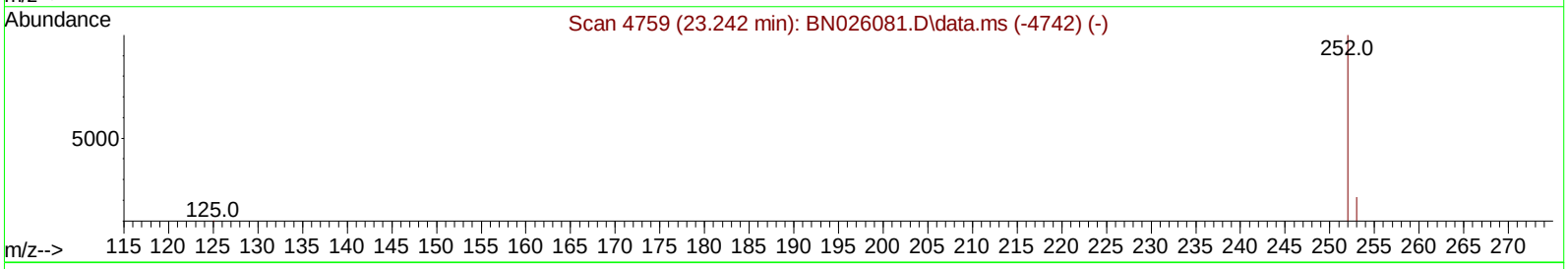
**Instrument :**
BNA_N
**ClientSampleId :**
DCFV8

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023




TIC: BN026108.D\data.ms

**(24) Benzo(b)fluoranthene**

**23.240min (-0.014) 6.17 ng/ul**

**response 433925**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.80 | 23.25 |
| 125.00 | 17.90 | 12.81 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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**Instrument :**
BNA_N
**ClientSampleId :**
DCFV8

**Manual IntegrationsAPPROVED**

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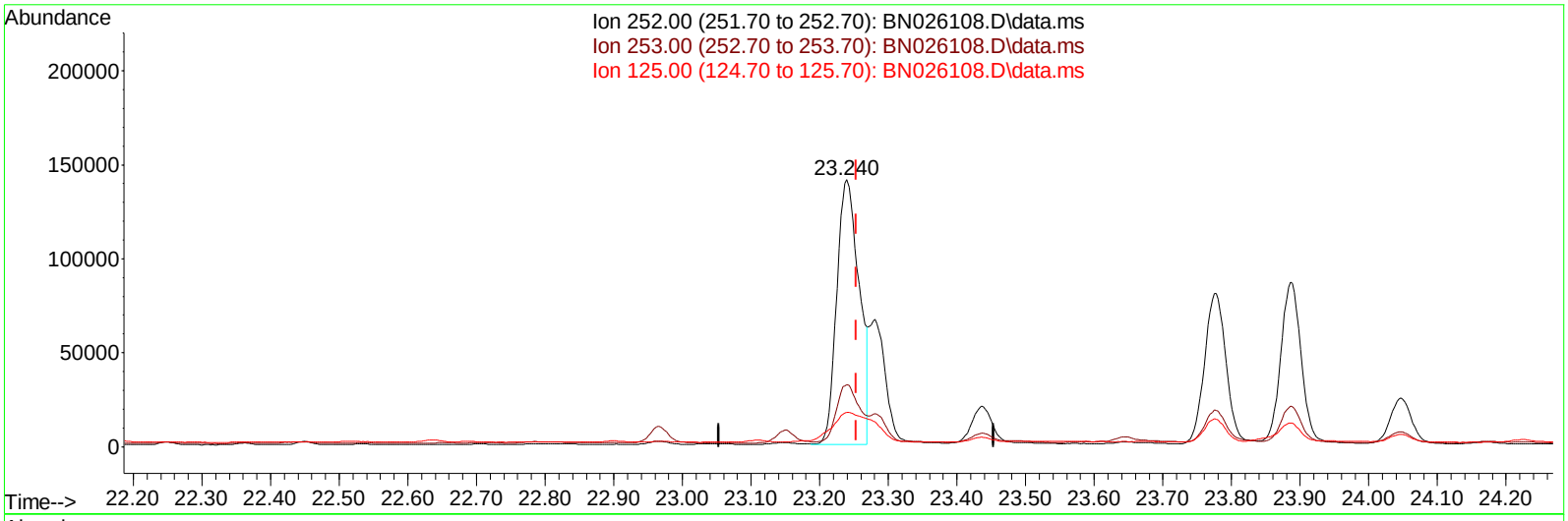
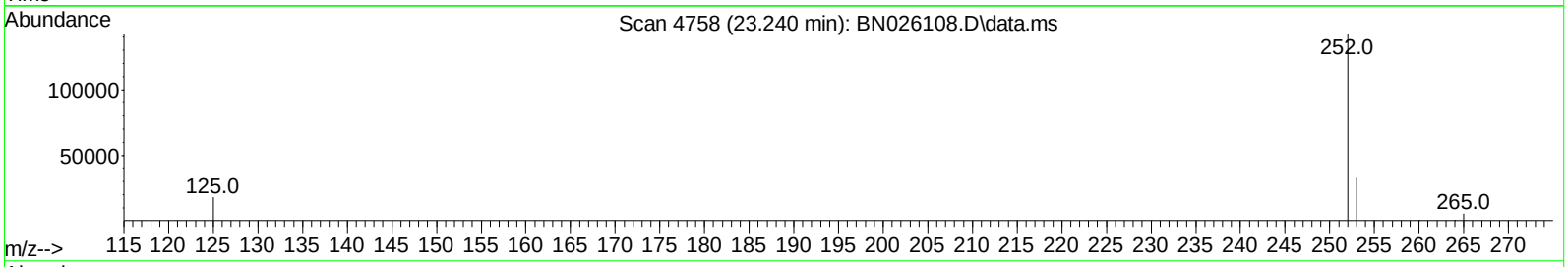
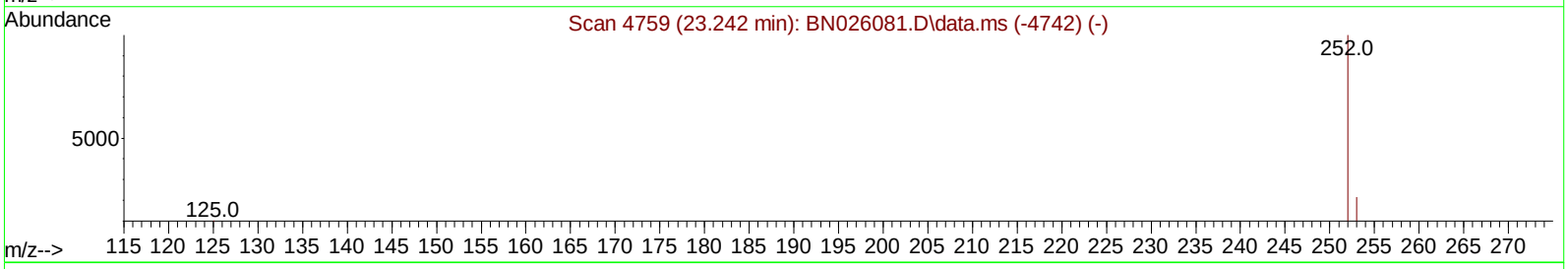
Supervised By :mohammad ahmed 06/30/2023




TIC: BN026108.D\data.ms

**(24) Benzo(b)fluoranthene**

**23.240min (-0.014) 4.57 ng/ul m**

**response 320900**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.80 | 23.25 |
| 125.00 | 17.90 | 12.81 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026108.D
Acq On : 29 Jun 2023 23:23
Operator : MA/JU
Sample : 03143-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 30 00:46:23 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
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**Instrument :**
BNA_N
**ClientSampleId :**
DCFV8

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/30/2023
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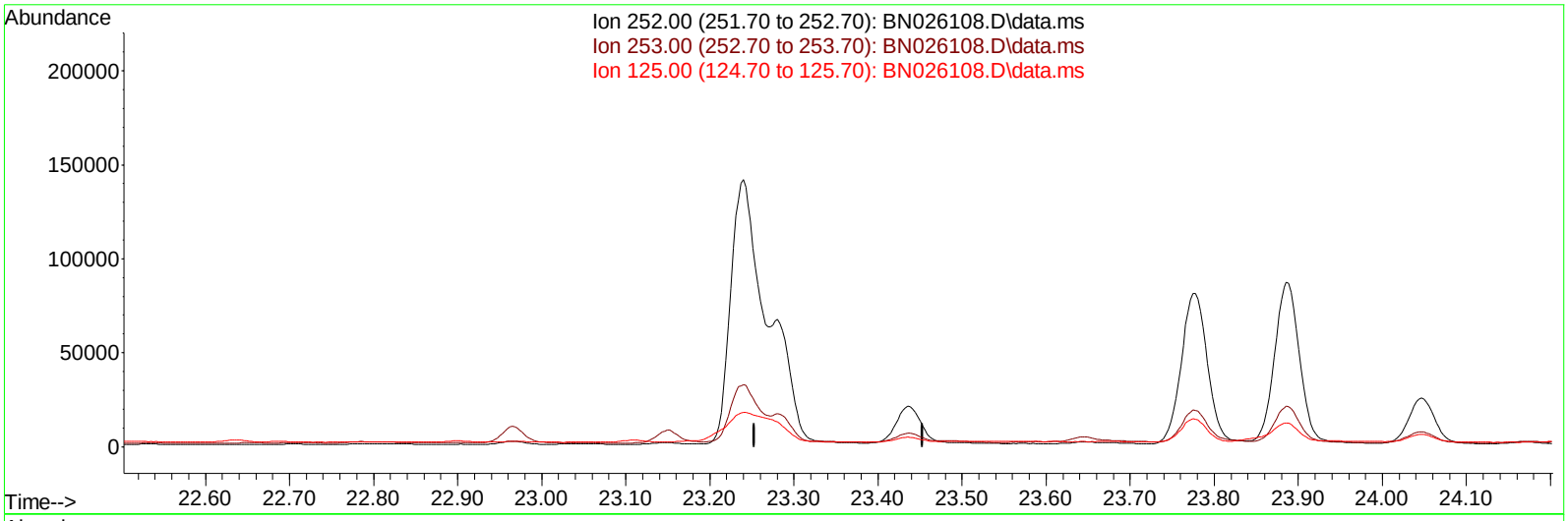


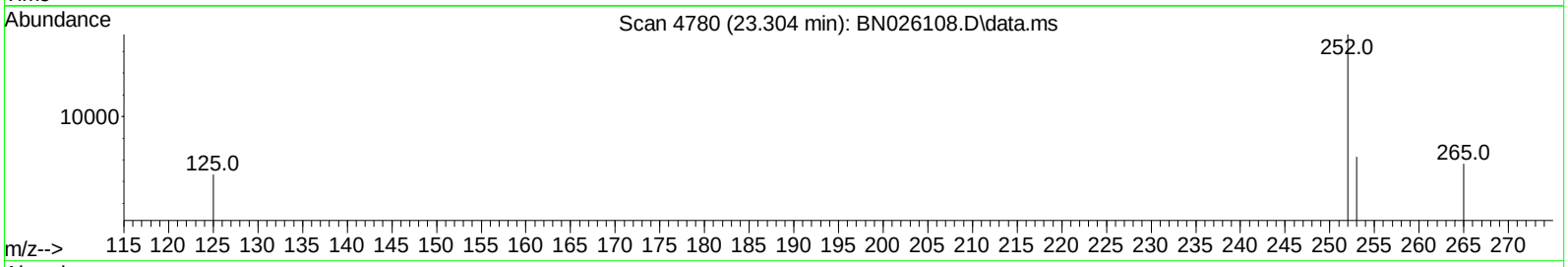


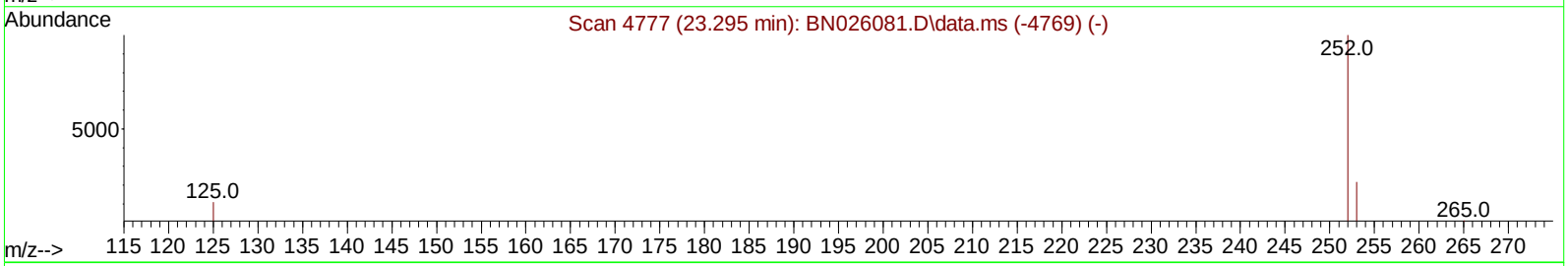


TIC: BN026108.D\data.ms

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

**23.303min (-23.303) 0.00 ng/ul**

**response 0**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 0.00 |
| 253.00 | 29.00 | 0.00# |
| 125.00 | 18.70 | 0.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Acq On : 29 Jun 2023 23:23
Operator : MA/JU
Sample : 03143-21
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 30 00:46:23 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
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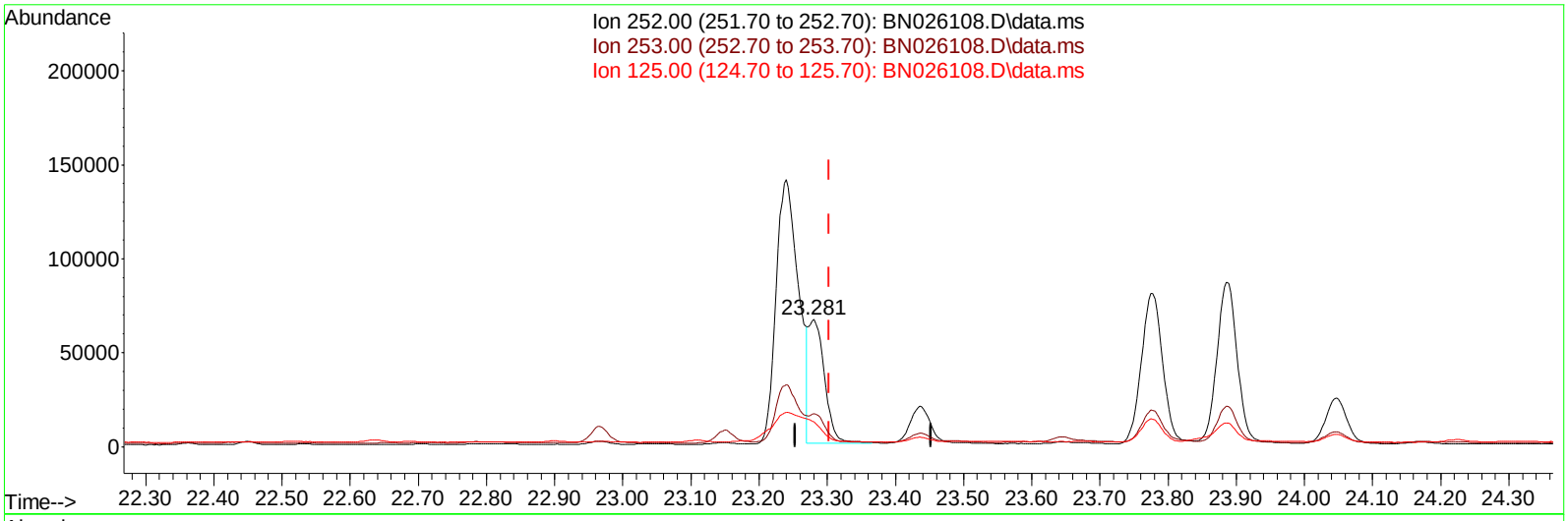
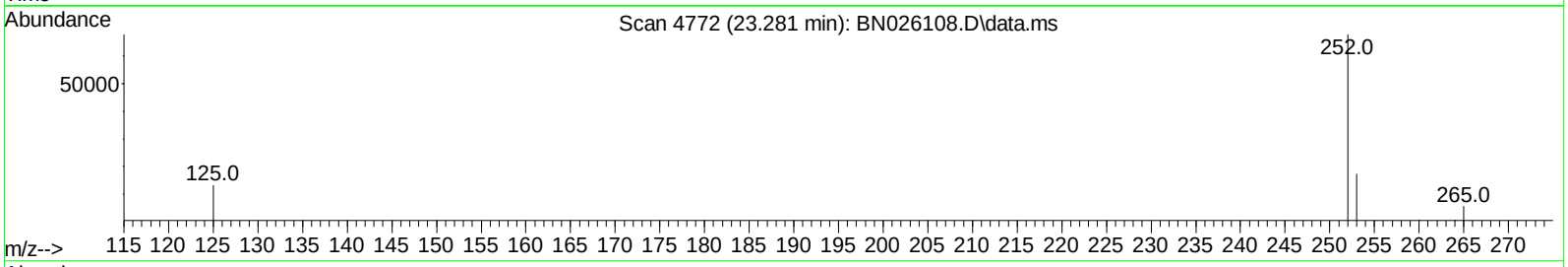
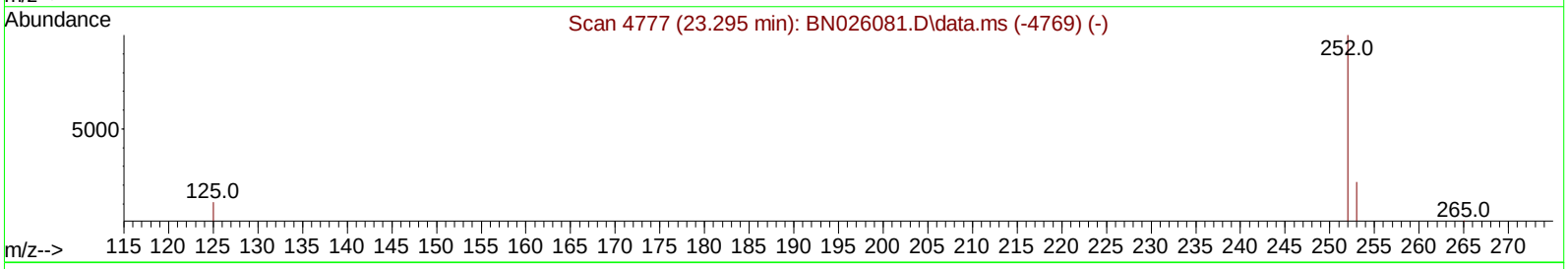
**Instrument :**
BNA_N
**ClientSampleId :**
DCFV8

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023




TIC: BN026108.D\data.ms

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

**23.281min (-0.022) 1.55 ng/ul m**

**response 109676**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 29.00 | 25.76 |
| 125.00 | 18.70 | 19.38 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
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Misc :
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DCFV8

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.963 | 152 | 8161 | 0.400 | ng/ul | -0.01 |
| 4) Naphthalene-d8 | 10.776 | 136 | 26558 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.603 | 164 | 16024 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.352 | 188 | 31629 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.533 | 240 | 16681 | 0.400 | ng/ul | -0.01 |
| 23) Perylene-d12 | 23.991 | 264 | 16466 | 0.400 | ng/ul | -0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.322 | 96 | 17468 | 1.901 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.365 | 152 | 5213 | 0.128 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.378 | 212 | 9251 | 0.146 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.825 | 128 | 17098 | 0.225 | ng/ul | 98 |
| 7) 2-Methylnaphthalene | 12.436 | 142 | 18388 | 0.379 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.651 | 142 | 14232 | 0.283 | ng/ul | 99 |
| 10) Acenaphthylene | 14.326 | 152 | 36219 | 0.483 | ng/ul | 99 |
| 11) Acenaphthene | 14.668 | 153 | 3379 | 0.055 | ng/ul# | 93 |
| 12) Fluorene | 15.654 | 166 | 3949 | 0.056 | ng/ul# | 92 |
| 14) Pentachlorophenol | 17.006 | 266 | 420 | 0.037 | ng/ul | 94 |
| 15) Phenanthrene | 17.390 | 178 | 138424 | 1.325 | ng/ul | 99 |
| 16) Anthracene | 17.483 | 178 | 26229 | 0.282 | ng/ul | 98 |
| 19) Fluoranthene | 19.406 | 202 | 428131 | 4.805 | ng/ul | 99 |
| 20) Pyrene | 19.769 | 202 | 365029 | 3.939 | ng/ul | 97 |
| 21) Benzo(a)anthracene | 21.515 | 228 | 183559 | 2.667 | ng/ul | 97 |
| 22) Chrysene | 21.568 | 228 | 227121 | 3.172 | ng/ul | 98 |
| 24) Benzo(b)fluoranthene | 23.240 | 252 | 320900m | 4.566 | ng/ul | |
| 25) Benzo(k)fluoranthene | 23.281 | 252 | 109676m | 1.554 | ng/ul | |
| 26) Benzo(a)pyrene | 23.886 | 252 | 177702 | 2.911 | ng/ul# | 86 |
| 27) Indeno(1,2,3-cd)pyrene | 26.572 | 276 | 166470 | 2.497 | ng/ul# | 91 |
| 28) Dibenzo(a,h)anthracene | 26.582 | 278 | 38575 | 0.764 | ng/ul | 98 |
| 29) Benzo(g,h,i)perylene | 27.380 | 276 | 161208 | 2.718 | ng/ul | 95 |

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

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