Quantitation Report (Qedit)

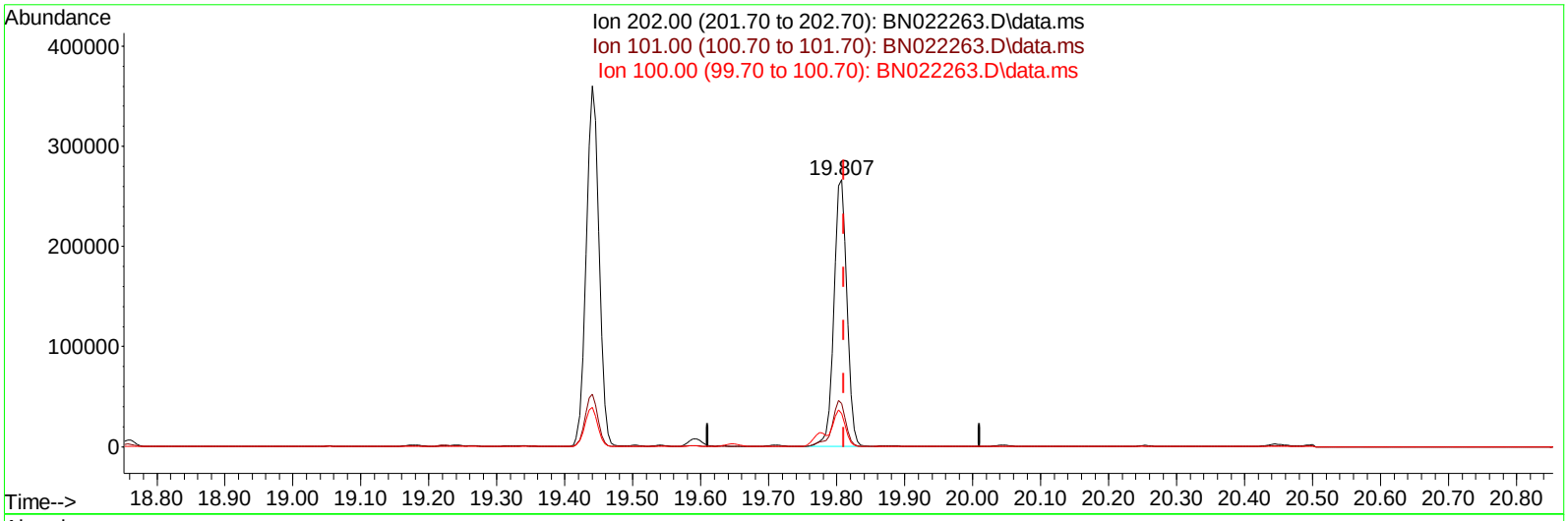
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
Data File : BN022263.D
Acq On : 21 Oct 2022 20:40
Operator : CG/JU
Sample : N5064-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

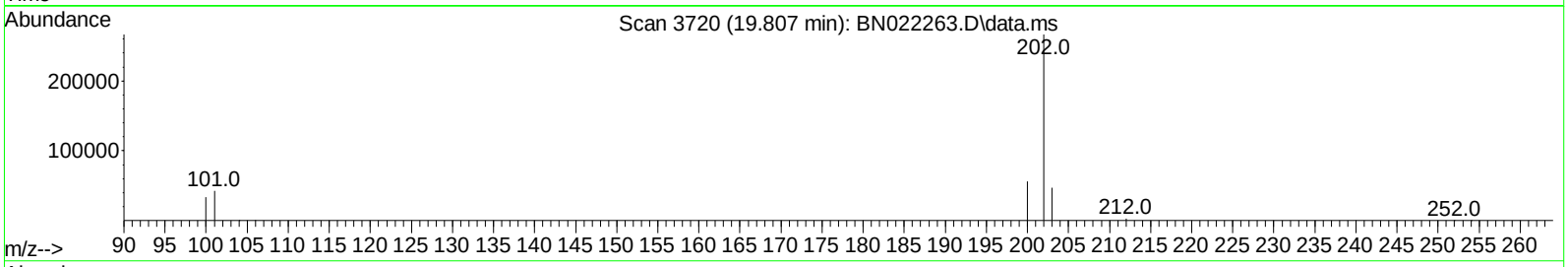
Quant Time: Oct 21 22:42:16 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 23:32:34 2022
Response via : Initial Calibration

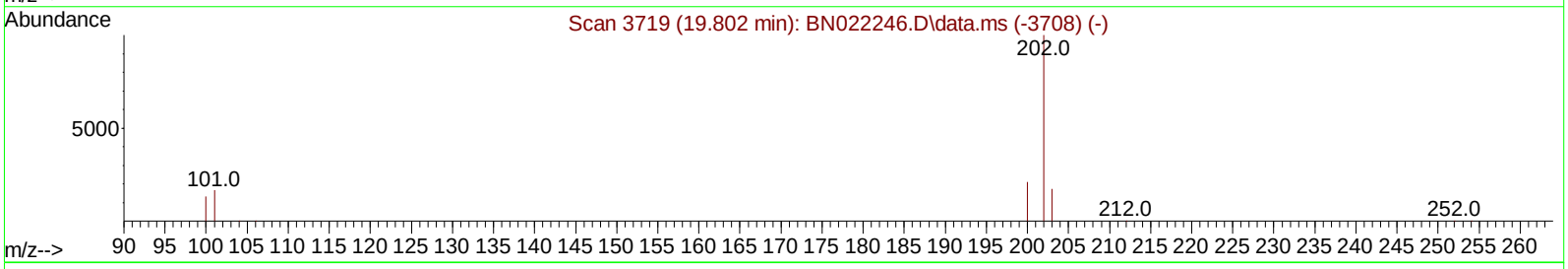
**Instrument :**
BNA_N
**ClientSampleId :**
C0BN7

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022




TIC: BN022263.D\data.ms

**(20) Pyrene**

**19.807min (-0.003) 8.54 ng/ul**

**response 354091**

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 16.40 | 16.06 |
| 100.00 | 13.30 | 12.43 |
| 0.00 | 0.00 | 0.00 |

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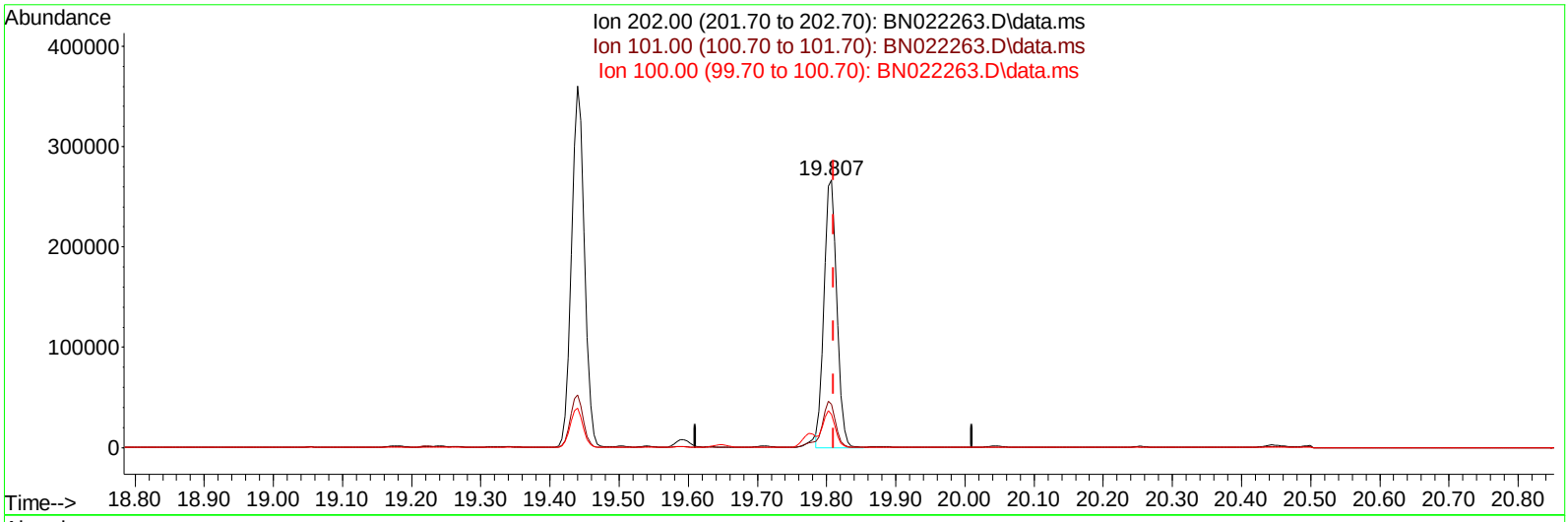


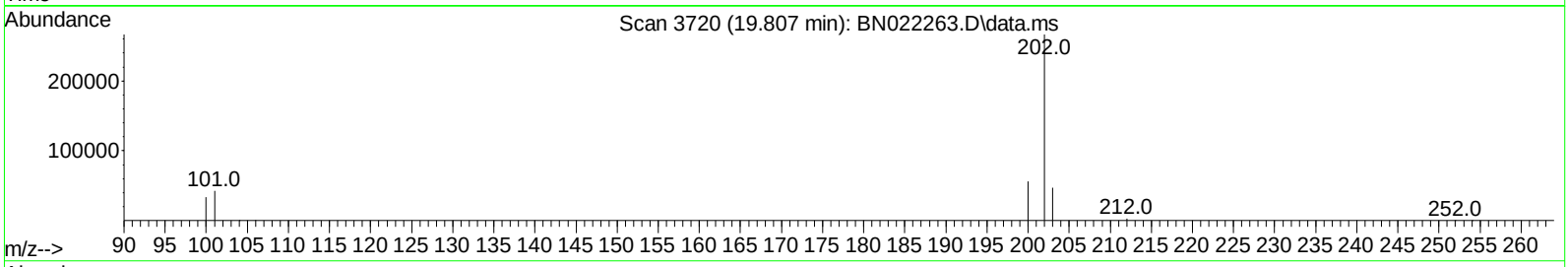


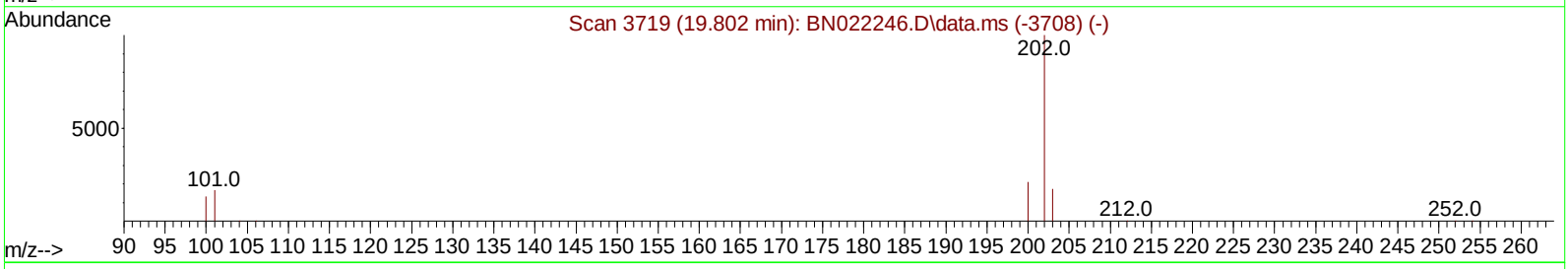


TIC: BN022263.D\data.ms

**(20) Pyrene**

**19.807min (-0.003) 8.37 ng/ul m**

**response 347328**

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 16.40 | 16.06 |
| 100.00 | 13.30 | 12.43 |
| 0.00 | 0.00 | 0.00 |

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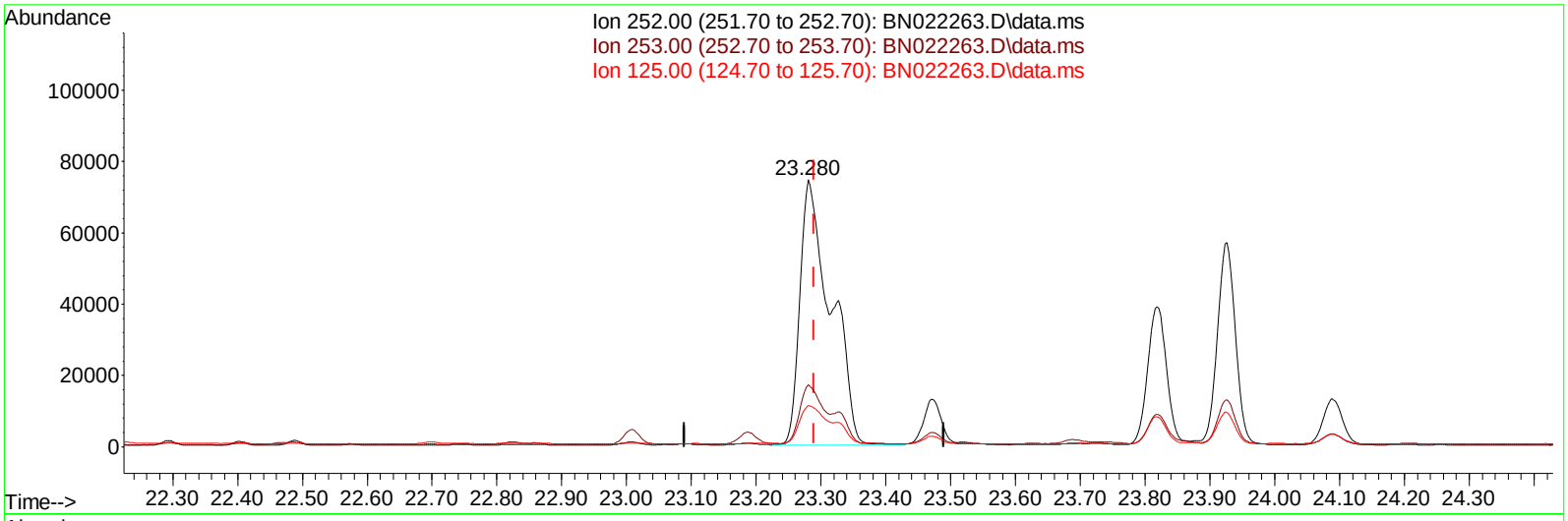


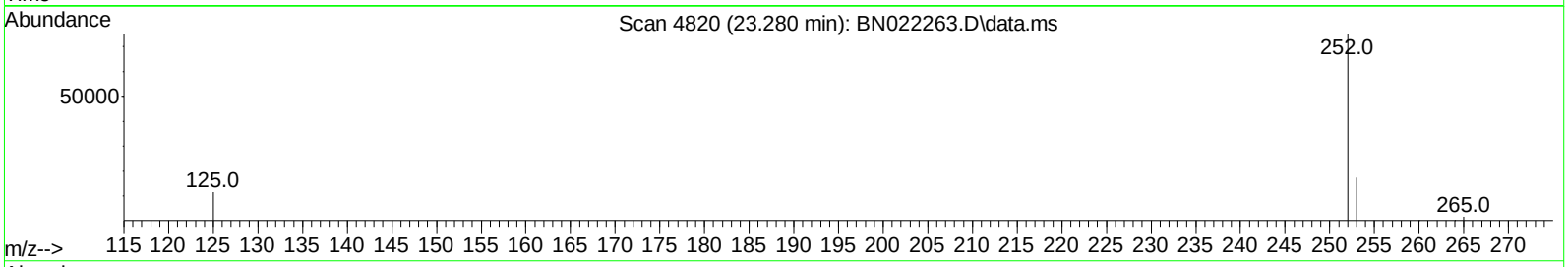


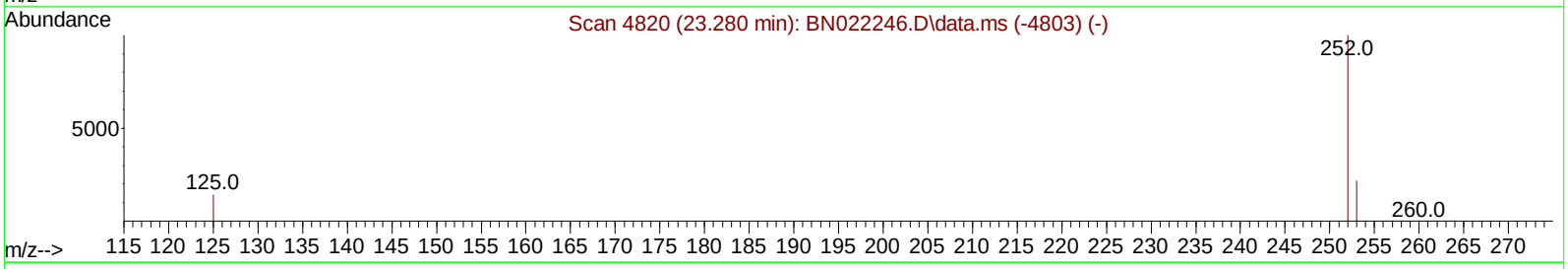


TIC: BN022263.D\data.ms

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

**23.280min (-0.009) 7.04 ng/ul**

**response 245760**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 24.50 | 23.28 |
| 125.00 | 17.60 | 15.57 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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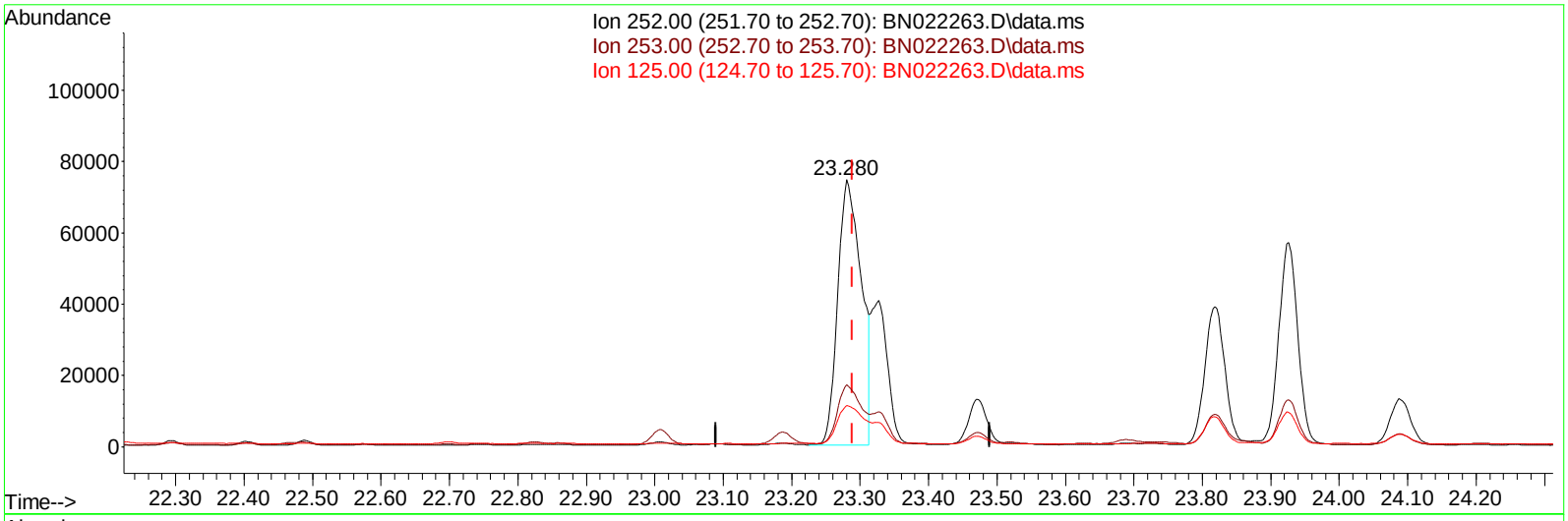
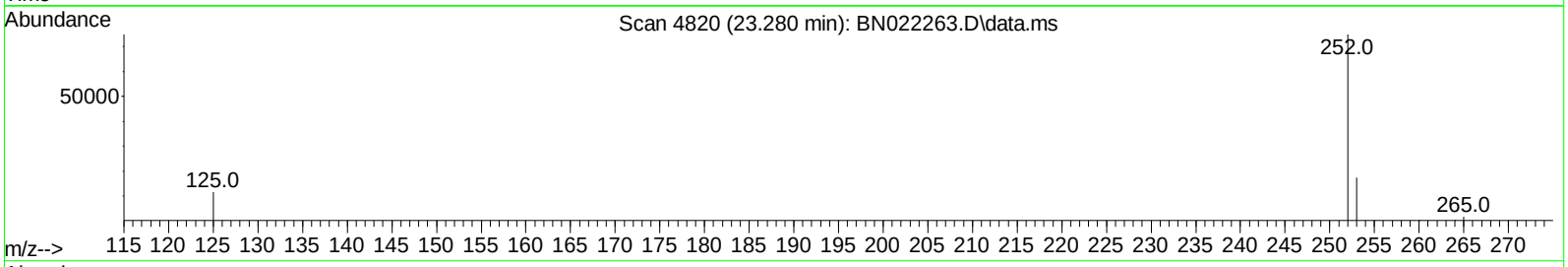
QLast Update : Wed Oct 19 23:32:34 2022
Response via : Initial Calibration

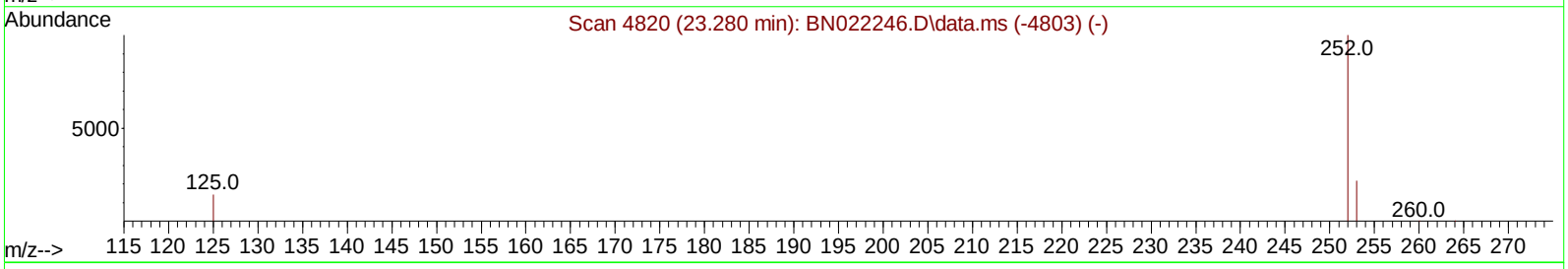
**Instrument :**
BNA_N
**ClientSampleId :**
C0BN7

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022




TIC: BN022263.D\data.ms

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

**23.280min (-0.009) 5.09 ng/ul m**

**response 177433**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 24.50 | 23.28 |
| 125.00 | 17.60 | 15.57 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Acq On : 21 Oct 2022 20:40
Operator : CG/JU
Sample : N5064-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

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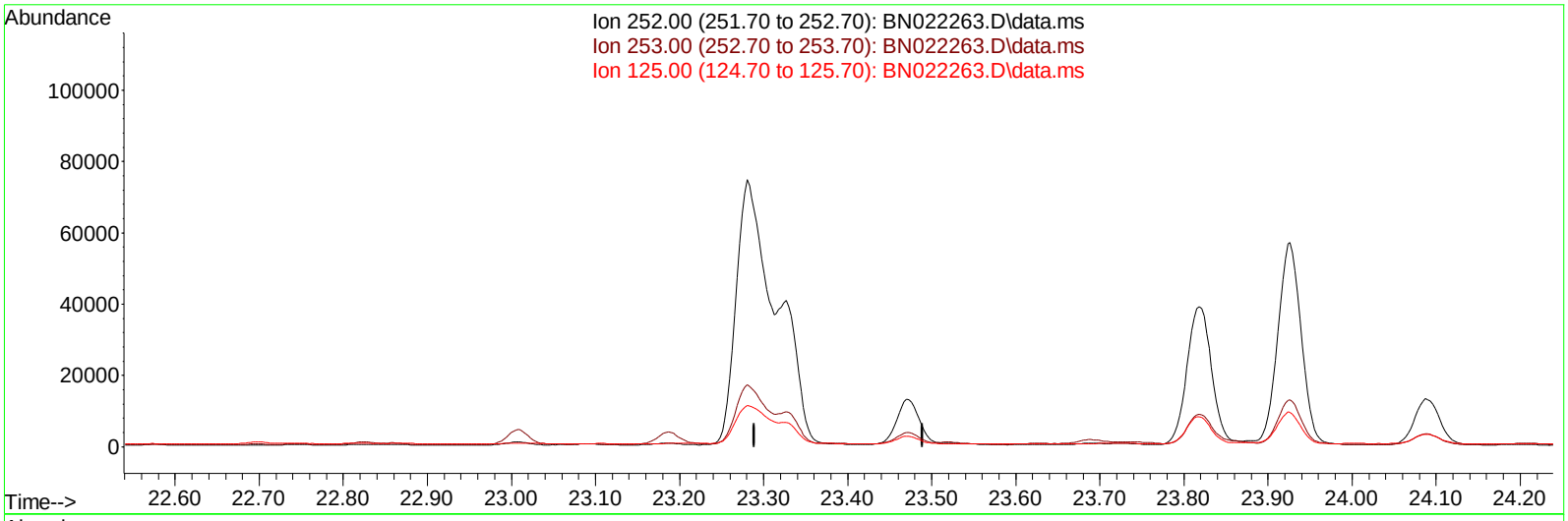
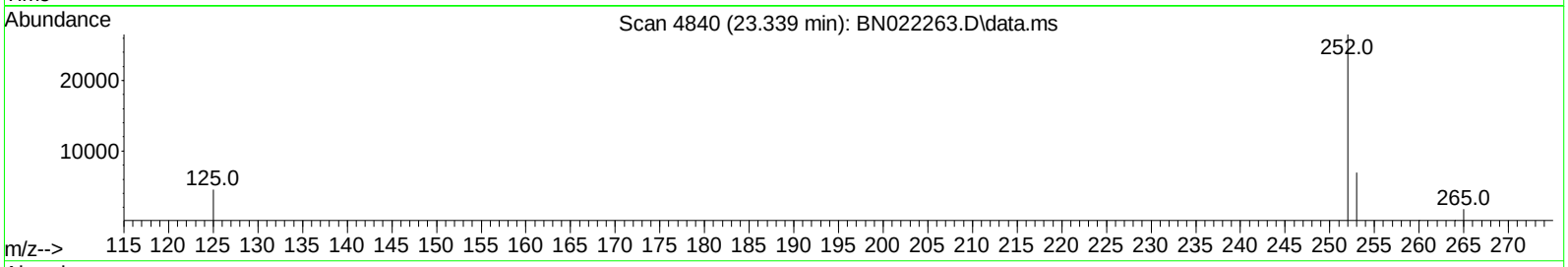
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 23:32:34 2022
Response via : Initial Calibration

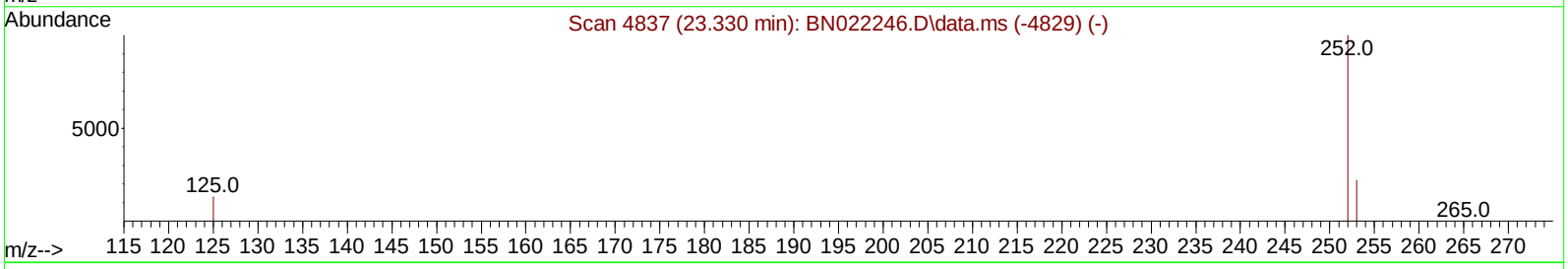
**Instrument :**
BNA_N
**ClientSampleId :**
C0BN7

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022




TIC: BN022263.D\data.ms

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

**23.339min (-23.339) 0.00 ng/ul**

**response 0**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 0.00 |
| 253.00 | 24.60 | 0.00# |
| 125.00 | 17.50 | 0.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
Data File : BN022263.D
Acq On : 21 Oct 2022 20:40
Operator : CG/JU
Sample : N5064-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 21 22:42:16 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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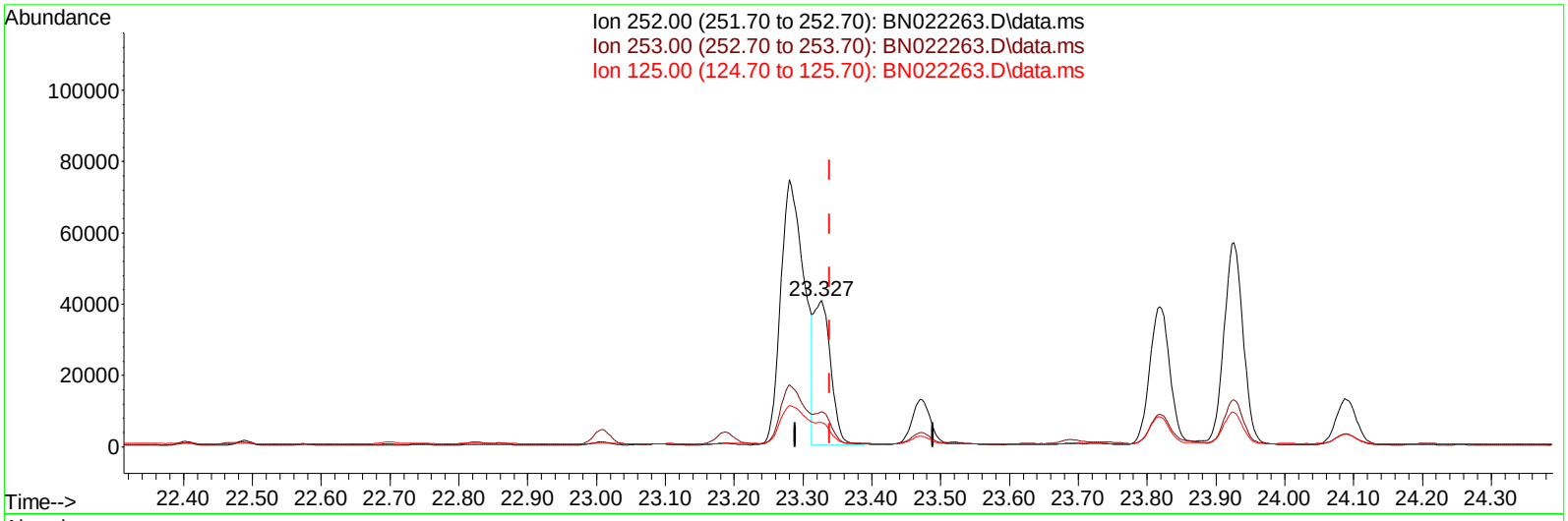
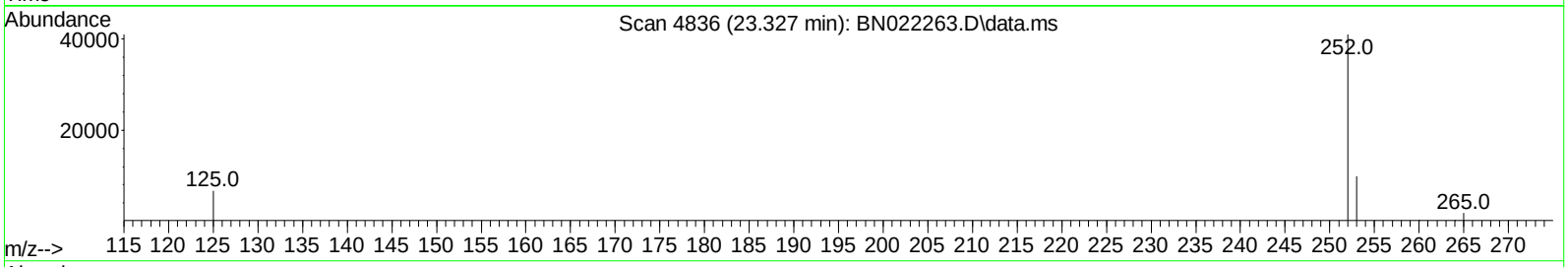
Response via : Initial Calibration

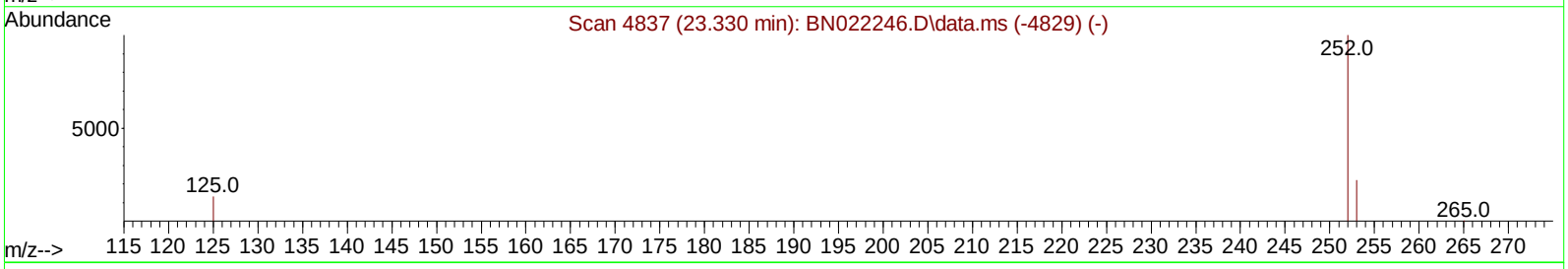
**Instrument :**
BNA_N
**ClientSampleId :**
C0BN7

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022




TIC: BN022263.D\data.ms

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

**23.327min (-0.012) 2.05 ng/ul m**

**response 69409**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 24.60 | 24.05 |
| 125.00 | 17.50 | 16.45 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
Data File : BN022263.D
Acq On : 21 Oct 2022 20:40
Operator : CG/JU
Sample : N5064-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 21 22:42:16 2022
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**Instrument :**
BNA_N
**ClientSampleId :**
C0BN7

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.944 | 152 | 4001 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.772 | 136 | 13739 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.619 | 164 | 7968 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.374 | 188 | 15970 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.576 | 240 | 9013 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 24.037 | 264 | 6947 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.253 | 96 | 23001 | 4.423 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.373 | 152 | 6125 | 0.295 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.412 | 212 | 11941 | 0.395 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.822 | 128 | 28447 | 0.701 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.444 | 142 | 18336 | 0.717 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.664 | 142 | 15411 | 0.586 | ng/ul | 100 |
| 10) Acenaphthylene | 14.341 | 152 | 16152 | 0.452 | ng/ul | 97 |
| 11) Acenaphthene | 14.683 | 153 | 9477 | 0.314 | ng/ul | 99 |
| 12) Fluorene | 15.673 | 166 | 9459 | 0.270 | ng/ul | 98 |
| 15) Phenanthrene | 17.417 | 178 | 336042 | 6.268 | ng/ul | 99 |
| 16) Anthracene | 17.510 | 178 | 54296 | 1.202 | ng/ul | 100 |
| 19) Fluoranthene | 19.440 | 202 | 471925 | 11.432 | ng/ul | 100 |
| 20) Pyrene | 19.807 | 202 | 347328m | 8.375 | ng/ul | |
| 21) Benzo(a)anthracene | 21.559 | 228 | 165969 | 4.915 | ng/ul | 97 |
| 22) Chrysene | 21.611 | 228 | 166436 | 4.650 | ng/ul | 97 |
| 24) Benzo(b)fluoranthene | 23.280 | 252 | 177433m | 5.086 | ng/ul | |
| 25) Benzo(k)fluoranthene | 23.327 | 252 | 69409m | 2.046 | ng/ul | |
| 26) Benzo(a)pyrene | 23.926 | 252 | 110505 | 3.973 | ng/ul# | 91 |
| 27) Indeno(1,2,3-cd)pyrene | 26.612 | 276 | 80327 | 2.323 | ng/ul | 92 |
| 28) Dibenzo(a,h)anthracene | 26.625 | 278 | 21755 | 0.788 | ng/ul | 92 |
| 29) Benzo(g,h,i)perylene | 27.413 | 276 | 60461 | 2.147 | ng/ul | 99 |

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

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