Quantitation Report (Qedit)

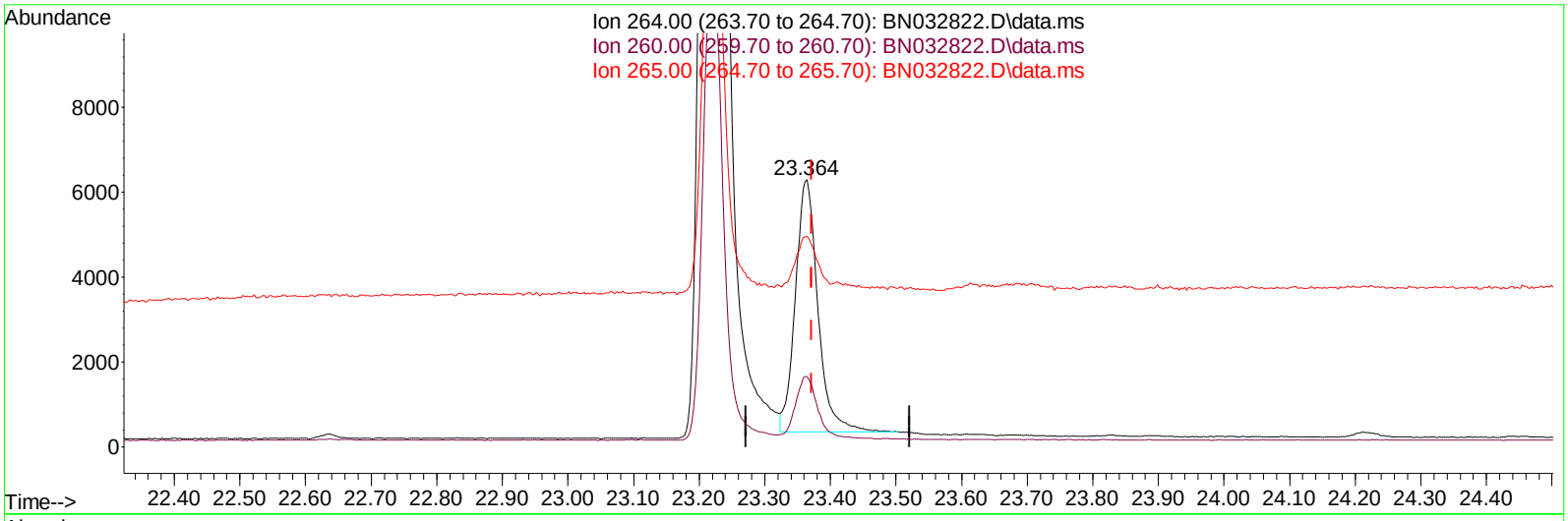
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032822.D
Acq On : 18 Jul 2024 18:02
Operator : MA/JU
Sample : P3100-15DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

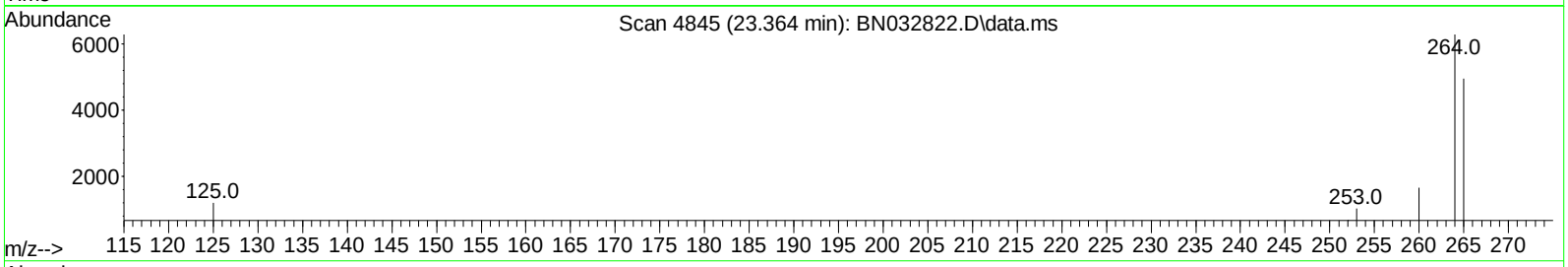
Quant Time: Jul 18 18:48:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

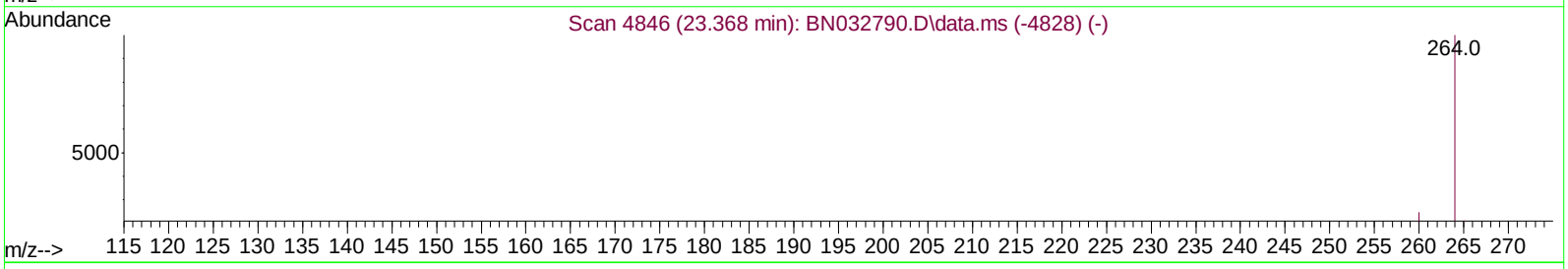
**Instrument :**
BNA_N
**ClientSampleId :**
A4D04DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024




TIC: BN032822.D\data.ms

**(23) Perylene-d12 (I)**

**23.364min (-0.007) 0.40 ng/ul**

**response 14126**

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.10 | 26.33 |
| 265.00 | 95.50 | 78.93 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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**ClientSampleId :**
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**Manual IntegrationsAPPROVED**

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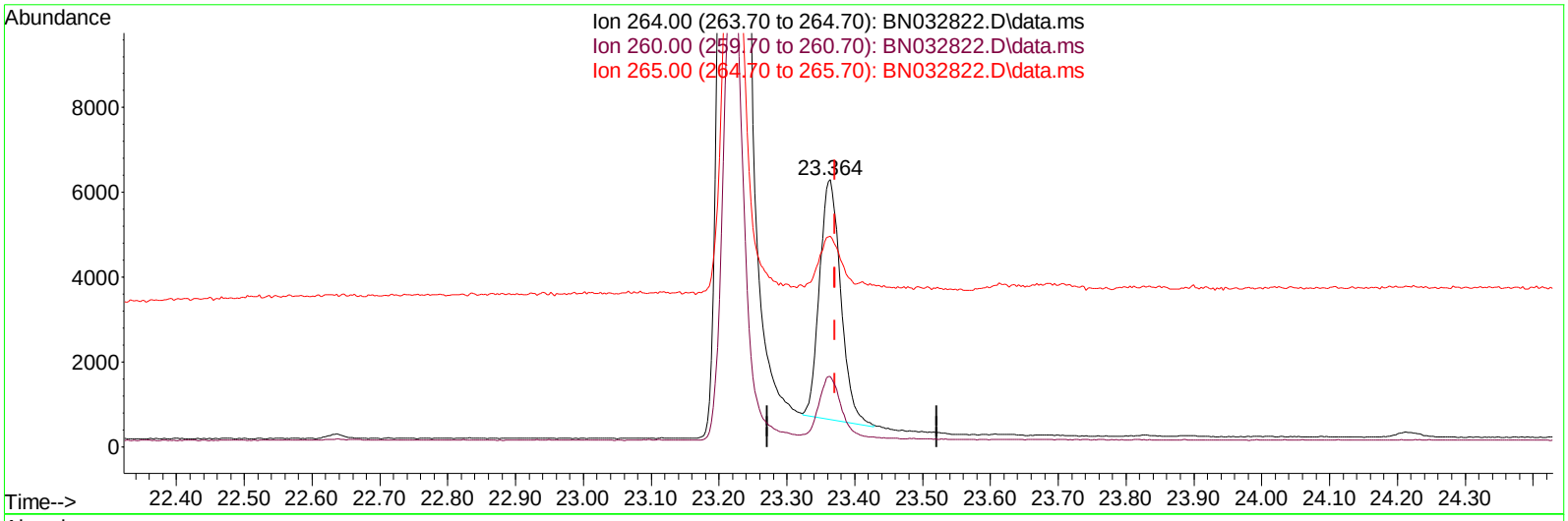


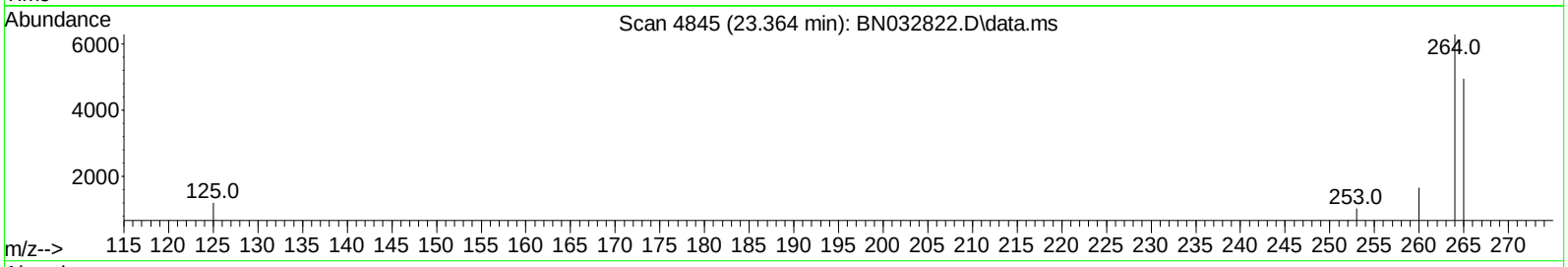


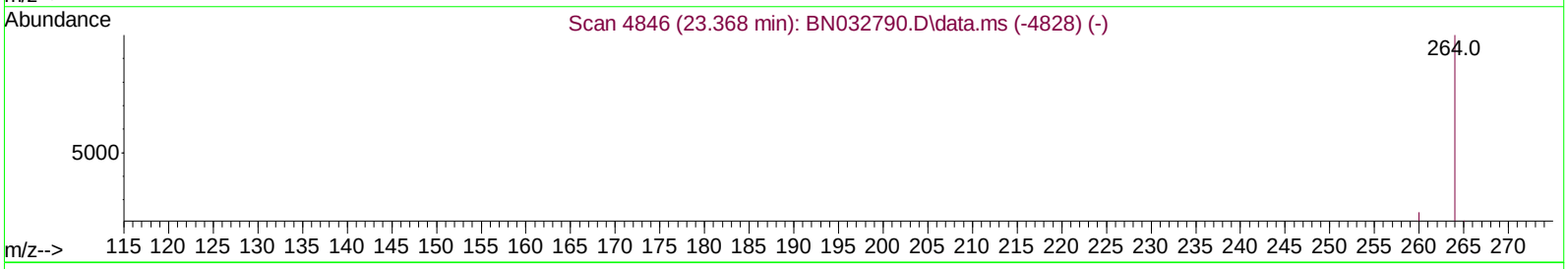


TIC: BN032822.D\data.ms

**(23) Perylene-d12 (I)**

**23.364min (-0.007) 0.40 ng/ul m**

**response 12300**

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.10 | 26.33 |
| 265.00 | 95.50 | 78.93 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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QLast Update : Wed Jul 17 02:35:25 2024
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**Instrument :**
BNA_N
**ClientSampleId :**
A4D04DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/19/2024
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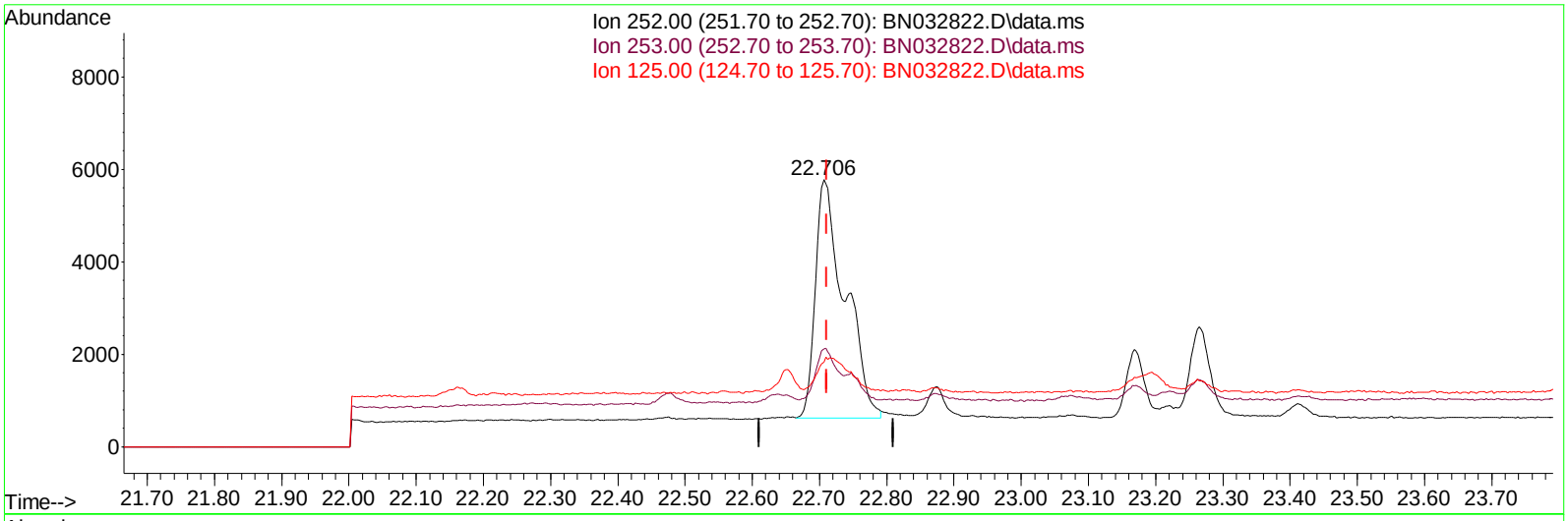
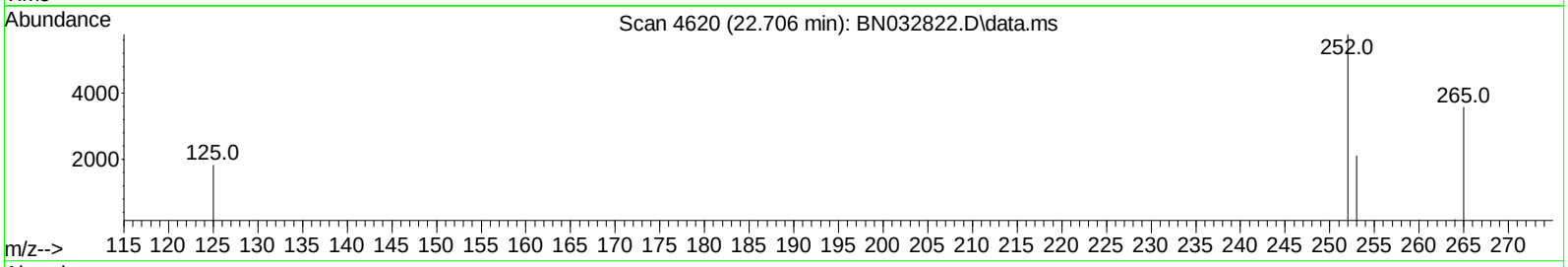
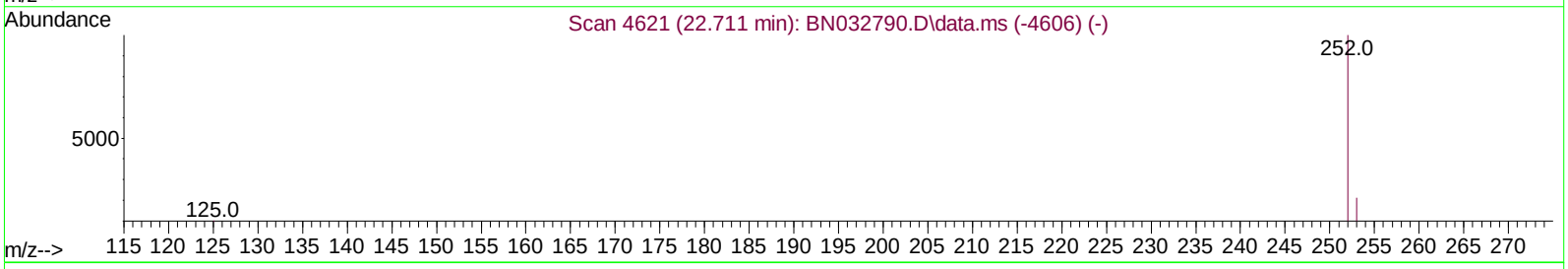



TIC: BN032822.D\data.ms

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

**22.706min (-0.004) 0.36 ng/ul**

**response 15622**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.00 | 36.62 |
| 125.00 | 18.00 | 31.77 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

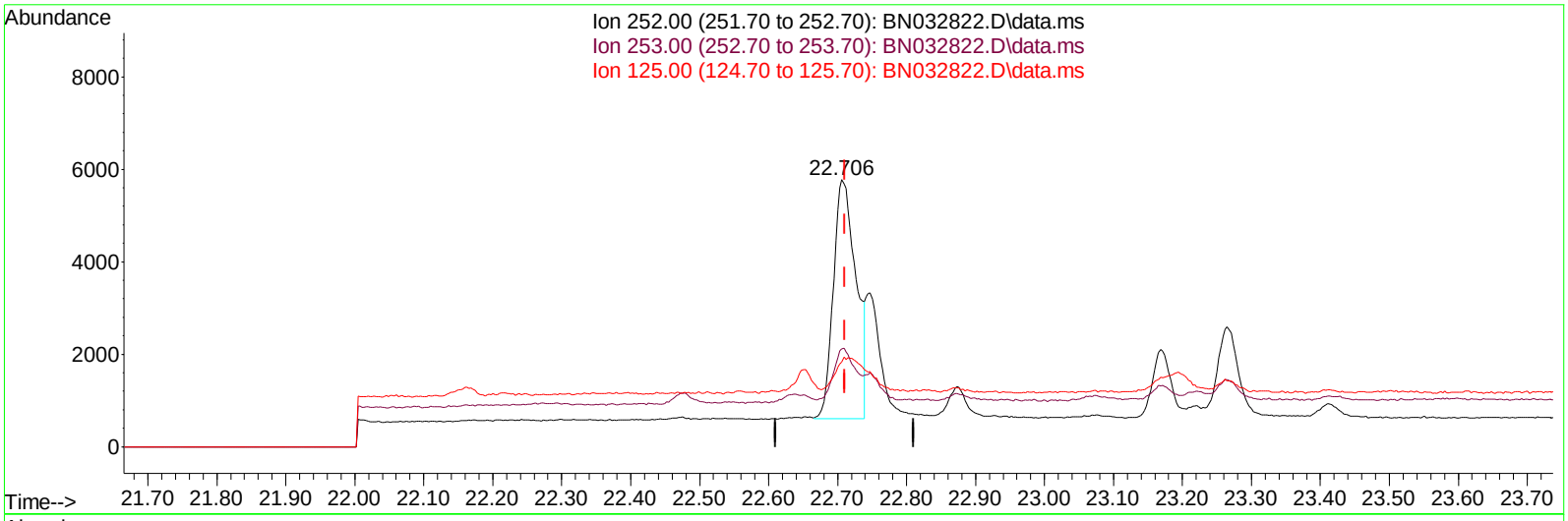
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032822.D
Acq On : 18 Jul 2024 18:02
Operator : MA/JU
Sample : P3100-15DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

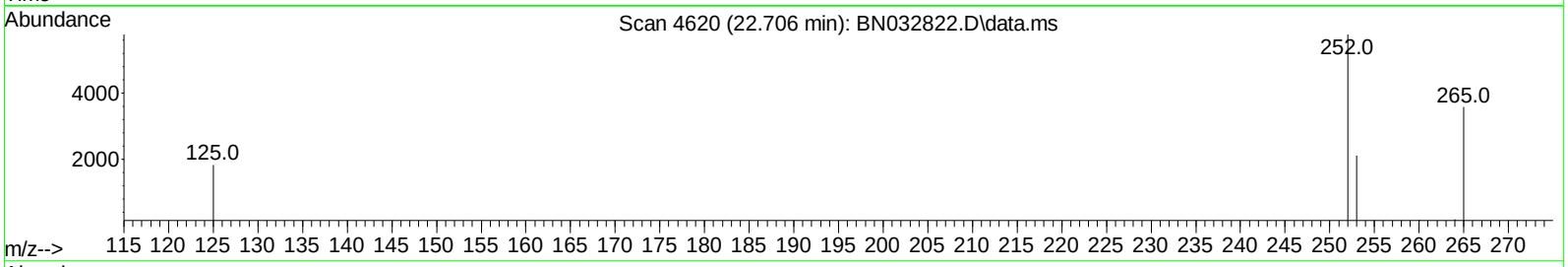
Quant Time: Jul 18 18:48:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

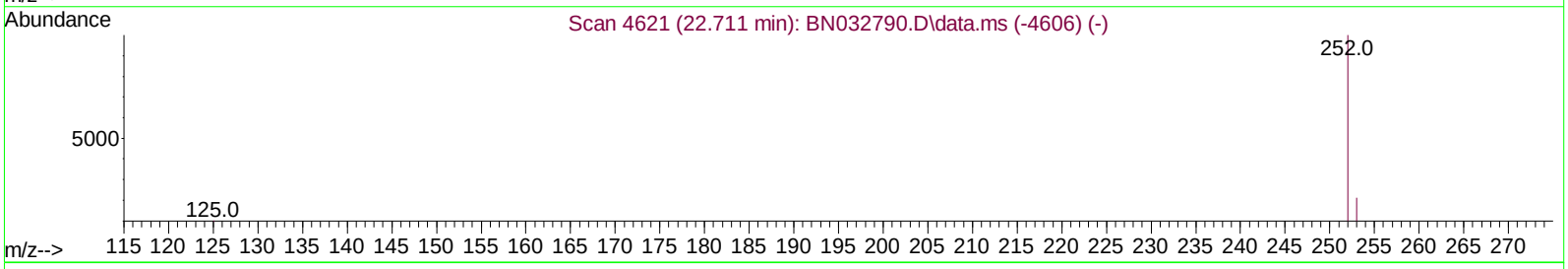
**Instrument :**
BNA_N
**ClientSampleId :**
A4D04DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024




TIC: BN032822.D\data.ms

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

**22.706min (-0.004) 0.27 ng/ul m**

**response 11779**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 27.00 | 36.62 |
| 125.00 | 18.00 | 31.77 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

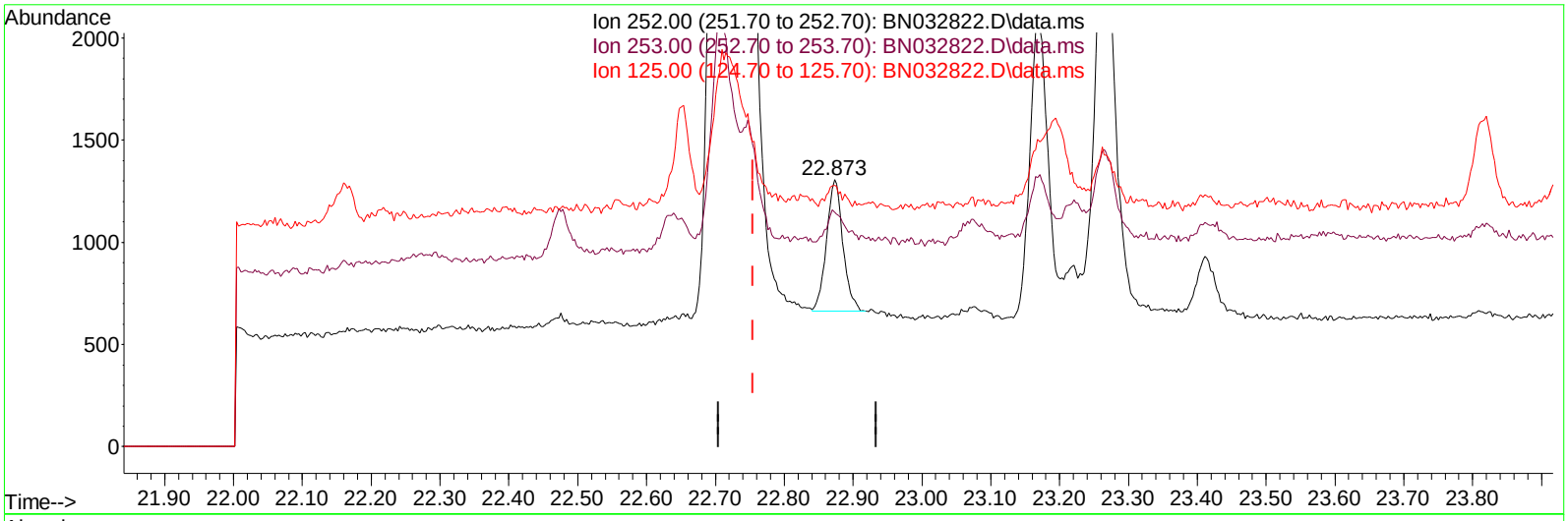
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032822.D
Acq On : 18 Jul 2024 18:02
Operator : MA/JU
Sample : P3100-15DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

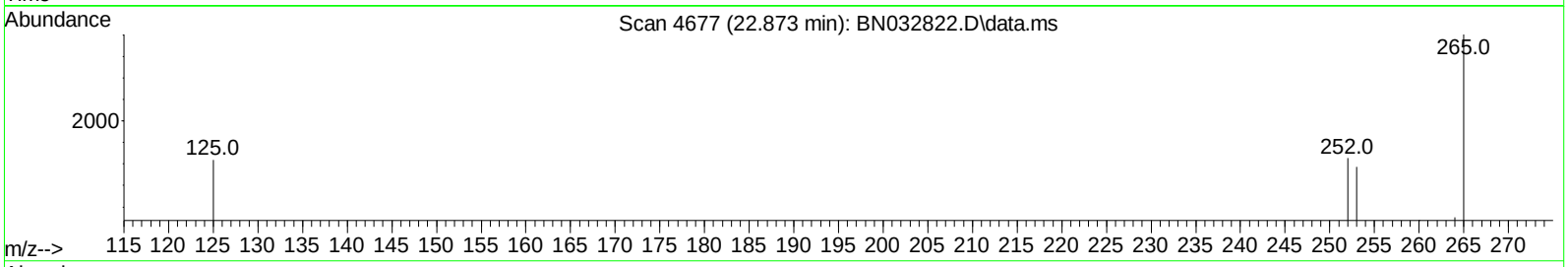
Quant Time: Jul 18 18:48:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

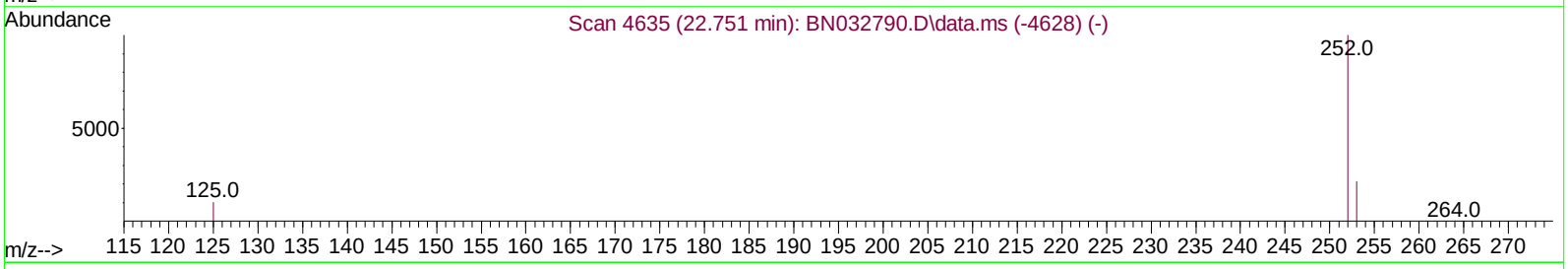
**Instrument :**
BNA_N
**ClientSampleId :**
A4D04DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024




TIC: BN032822.D\data.ms

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

**22.873min (+ 0.118) 0.02 ng/ul**

**response 1061**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.50 | 87.83# |
| 125.00 | 18.50 | 97.86# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032822.D
Acq On : 18 Jul 2024 18:02
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Sample : P3100-15DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 18 18:48:08 2024
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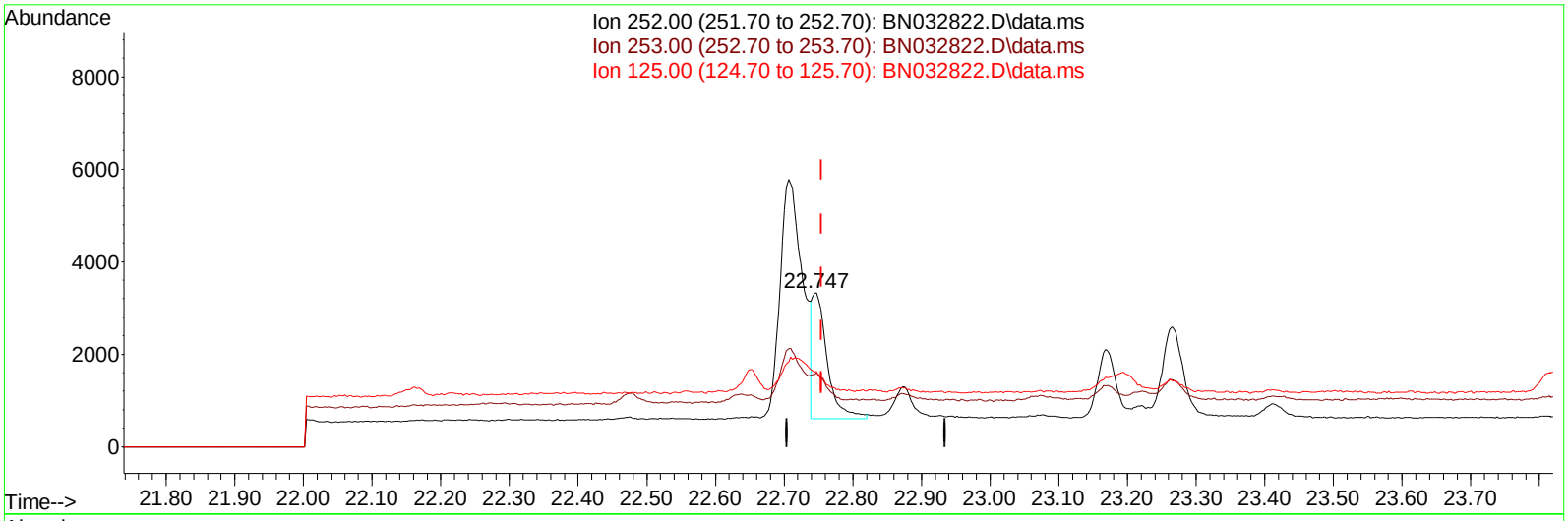
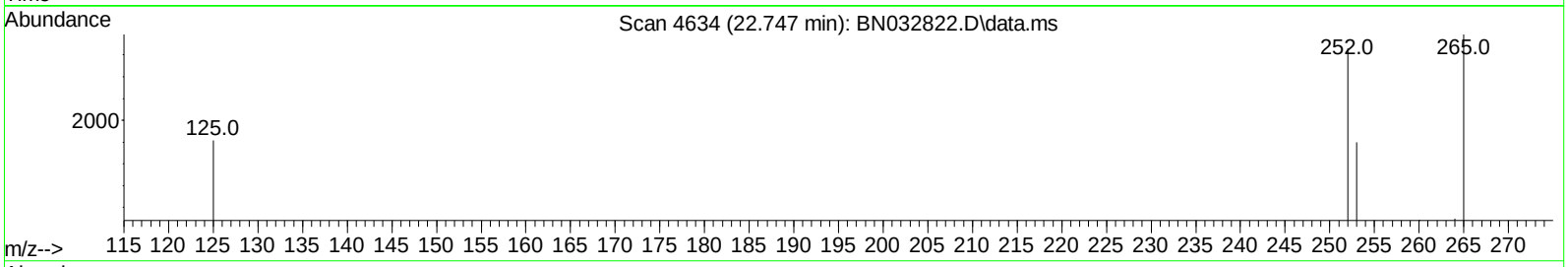
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

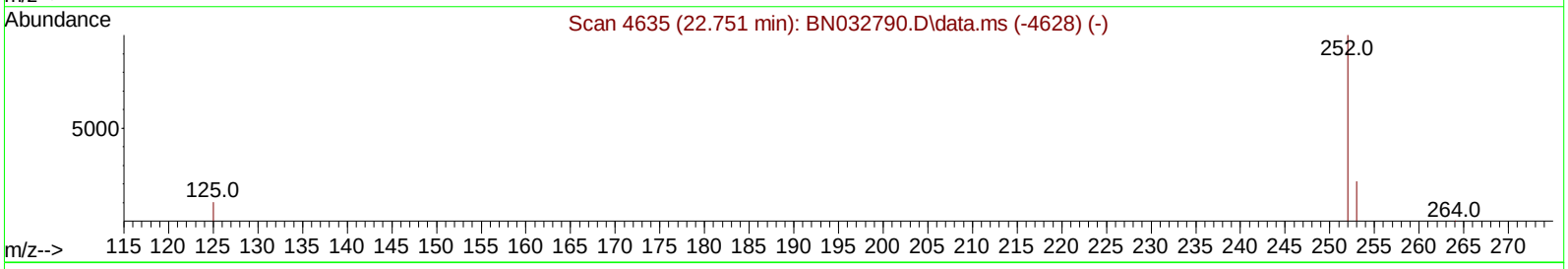
**Instrument :**
BNA_N
**ClientSampleId :**
A4D04DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024




TIC: BN032822.D\data.ms

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

**22.747min (-0.007) 0.08 ng/ul m**

**response 4150**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 26.50 | 48.15# |
| 125.00 | 18.50 | 49.05# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
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**Instrument :**
BNA_N
**ClientSampleId :**
A4D04DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.536 | 152 | 4256 | 0.400 | ng/ul | -0.02 |
| 4) Naphthalene-d8 | 10.309 | 136 | 13270 | 0.400 | ng/ul | -0.02 |
| 9) Acenaphthene-d10 | 14.187 | 164 | 6950 | 0.400 | ng/ul | -0.01 |
| 13) Phenanthrene-d10 | 16.951 | 188 | 11979 | 0.400 | ng/ul | -0.01 |
| 17) Chrysene-d12 | 21.169 | 240 | 10898 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.364 | 264 | 12300m | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.093 | 96 | 4260 | 0.834 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.920 | 152 | 1012 | 0.050 | ng/ul | -0.01 |
| 18) Fluoranthene-d10 | 18.993 | 212 | 1786 | 0.050 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 15) Phenanthrene | 16.989 | 178 | 6920 | 0.212 | ng/ul | 97 |
| 16) Anthracene | 17.082 | 178 | 1297 | 0.049 | ng/ul# | 69 |
| 19) Fluoranthene | 19.025 | 202 | 15330 | 0.346 | ng/ul | 98 |
| 20) Pyrene | 19.388 | 202 | 10952 | 0.239 | ng/ul | 99 |
| 21) Benzo(a)anthracene | 21.155 | 228 | 7118 | 0.205 | ng/ul# | 91 |
| 22) Chrysene | 21.207 | 228 | 7599 | 0.151 | ng/ul# | 92 |
| 24) Benzo(b)fluoranthene | 22.706 | 252 | 11779m | 0.271 | ng/ul | |
| 25) Benzo(k)fluoranthene | 22.747 | 252 | 4150m | 0.078 | ng/ul | |
| 26) Benzo(a)pyrene | 23.265 | 252 | 3930 | 0.105 | ng/ul# | 50 |
| 27) Indeno(1,2,3-cd)pyrene | 25.581 | 276 | 4188 | 0.082 | ng/ul# | 92 |
| 28) Dibenzo(a,h)anthracene | 25.578 | 278 | 1241 | 0.031 | ng/ul# | 1 |
| 29) Benzo(g,h,i)perylene | 26.265 | 276 | 1321 | 0.031 | ng/ul# | 25 |

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

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