Quantitation Report (Qedit)

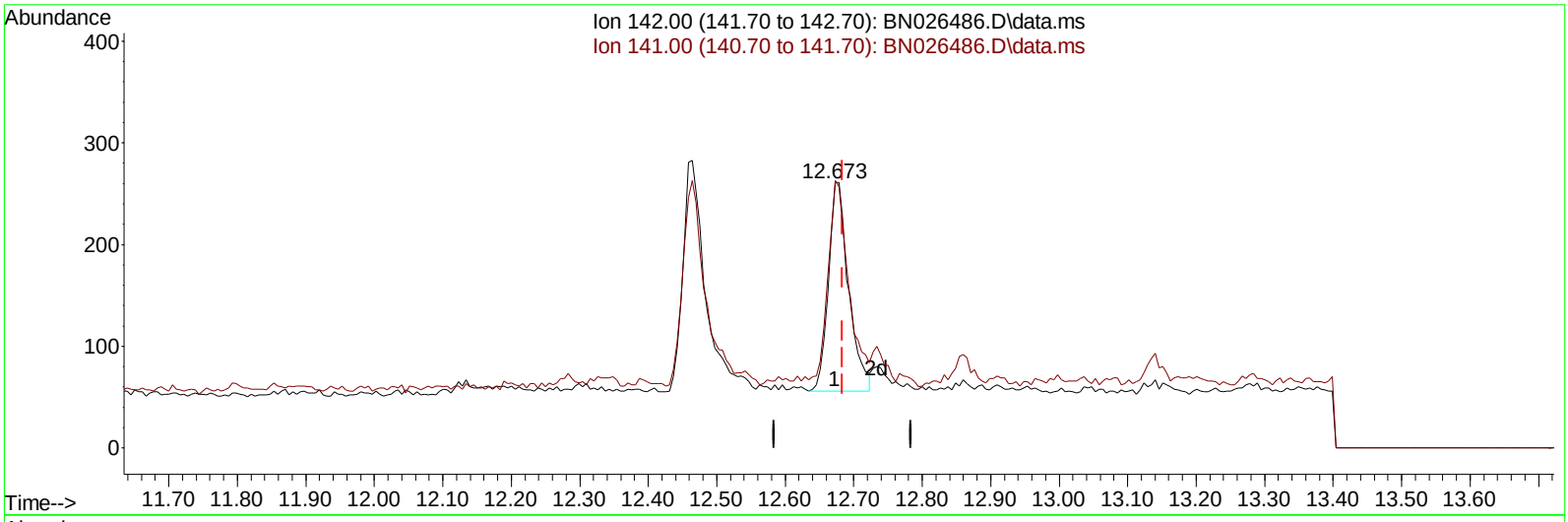
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
Data File : BN026486.D
Acq On : 13 Jul 2023 10:50
Operator : MA/JU
Sample : 03414-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

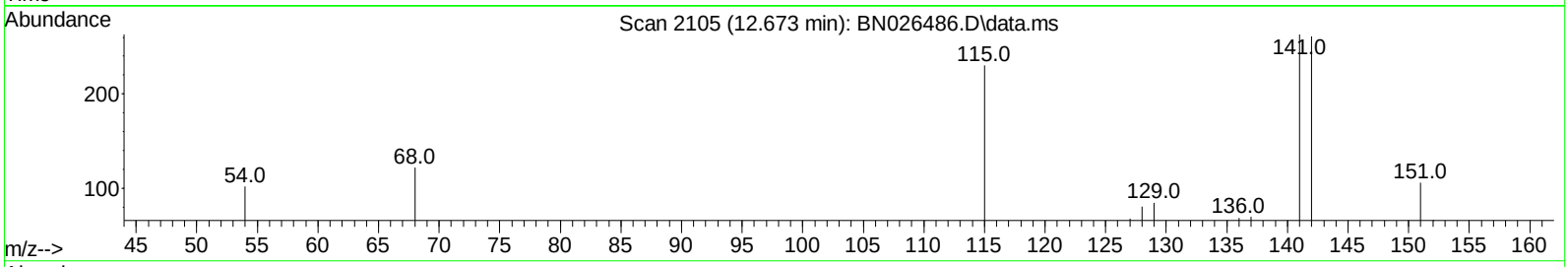
Quant Time: Jul 13 17:03:43 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 16:59:14 2023
Response via : Initial Calibration

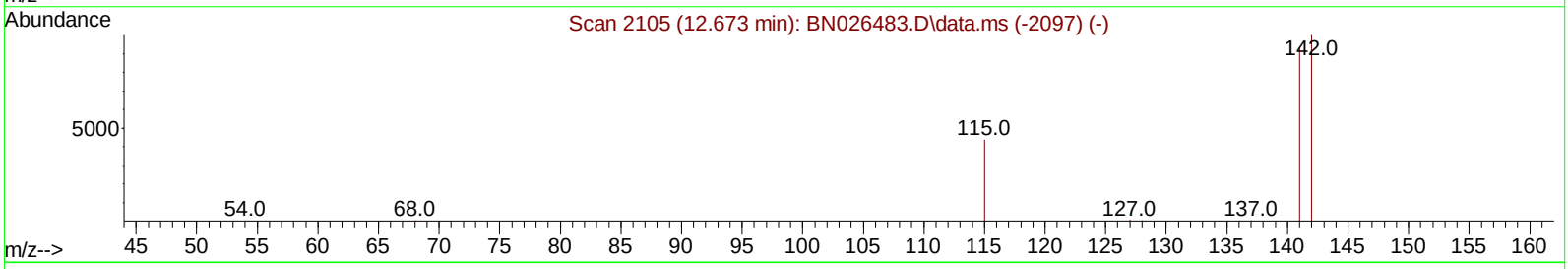
**Instrument :**
BNA_N
**ClientSampleId :**
A4634

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023




TIC: BN026486.D\data.ms

**(8) 1-Methylnaphthalene**

**12.673min (-0.011) 0.02 ng/ul**

**response 418**

| Ion | Exp% | Act% |
|---|---|---|
| 142.00 | 100.00 | 100.00 |
| 141.00 | 93.10 | 94.98 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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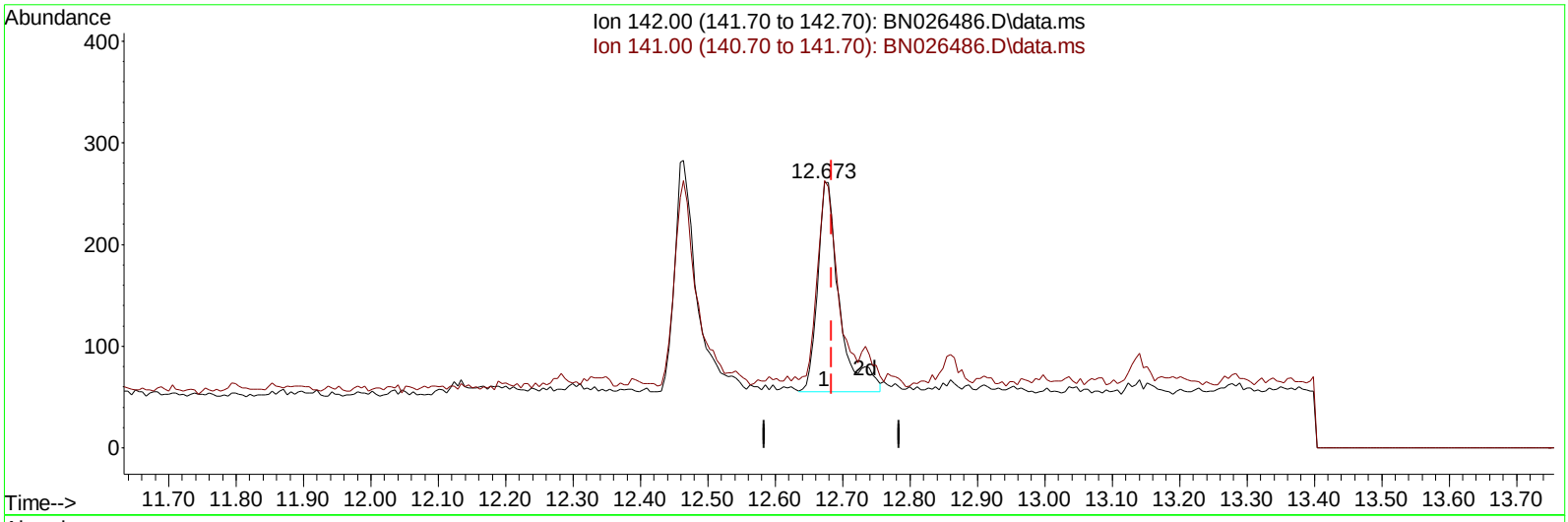
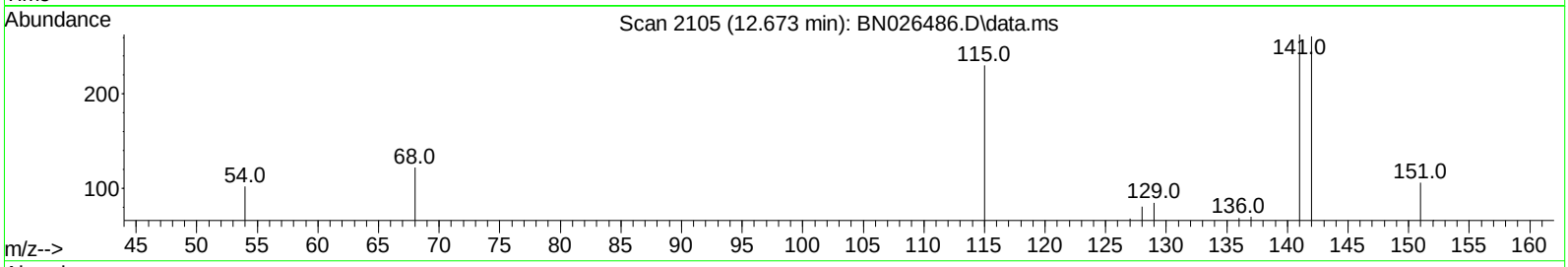
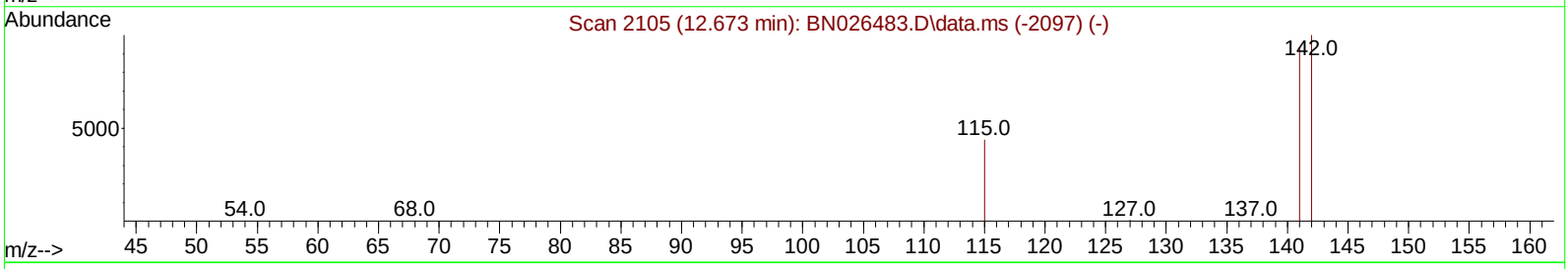
Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023




TIC: BN026486.D\data.ms

**(8) 1-Methylnaphthalene**

**12.673min (-0.011) 0.03 ng/ul m**

**response 459**

| Ion | Exp% | Act% |
|---|---|---|
| 142.00 | 100.00 | 100.00 |
| 141.00 | 93.10 | 86.49 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
Data File : BN026486.D
Acq On : 13 Jul 2023 10:50
Operator : MA/JU
Sample : 03414-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

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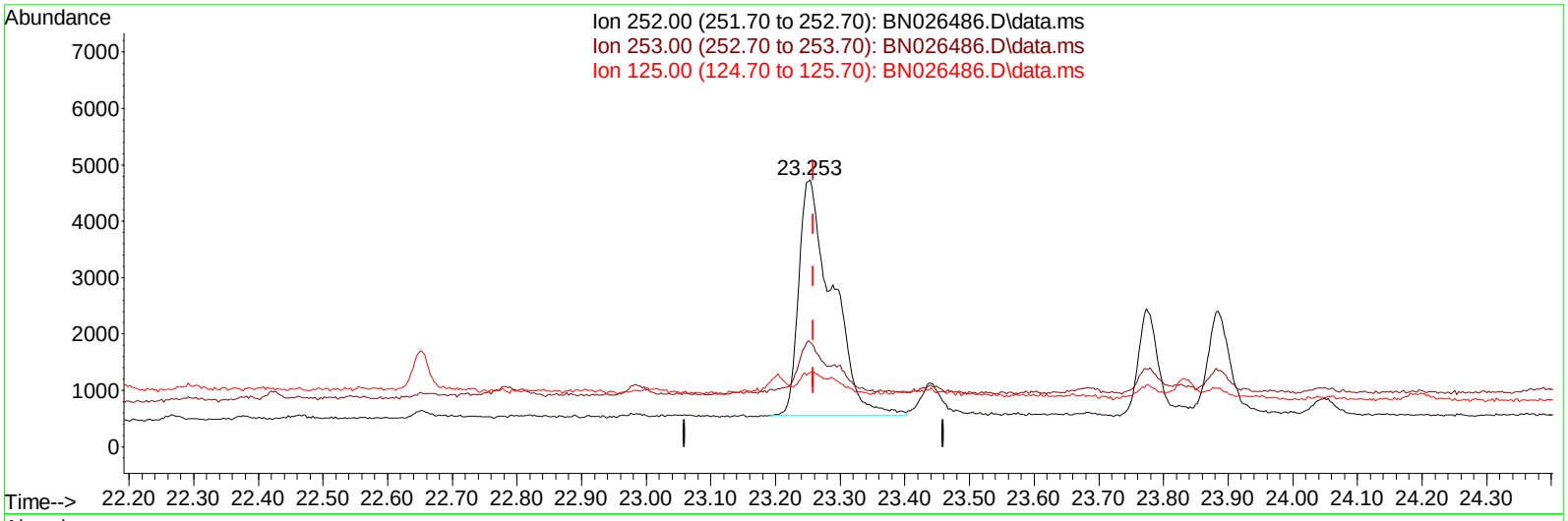
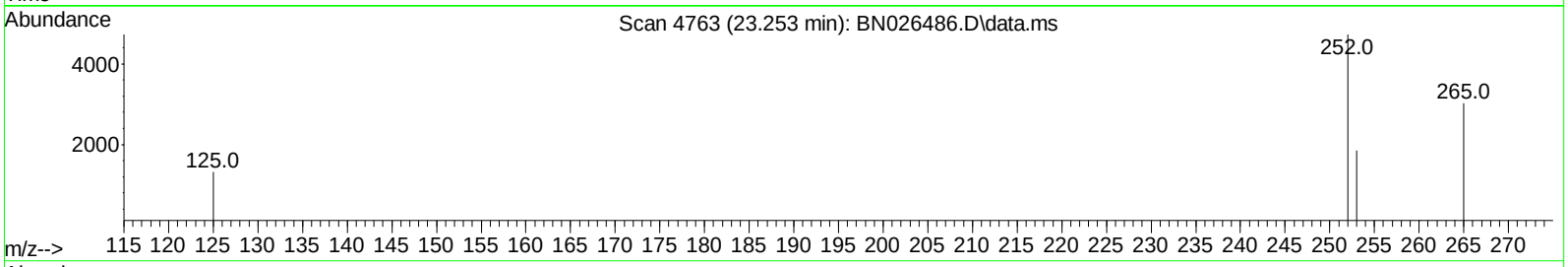
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 16:59:14 2023
Response via : Initial Calibration

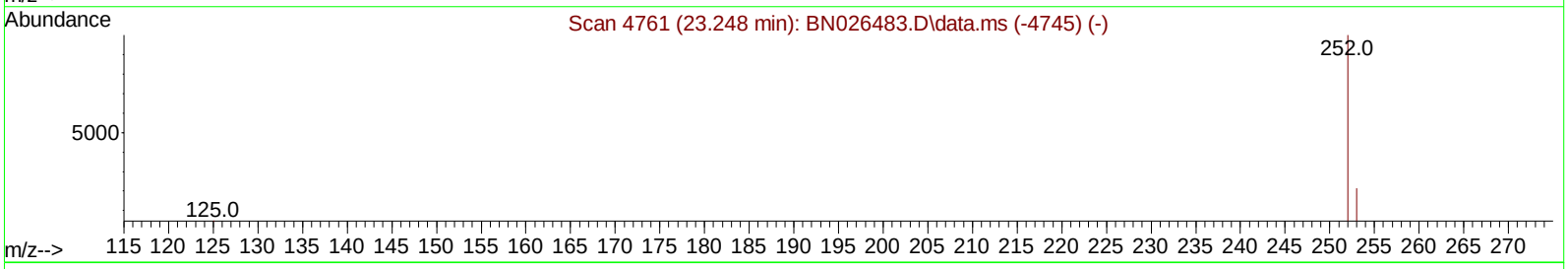
**Instrument :**
BNA_N
**ClientSampleId :**
A4634

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023




TIC: BN026486.D\data.ms

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

**23.253min (-0.006) 0.46 ng/ul**

**response 15224**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 34.30 | 39.05 |
| 125.00 | 17.00 | 27.71 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

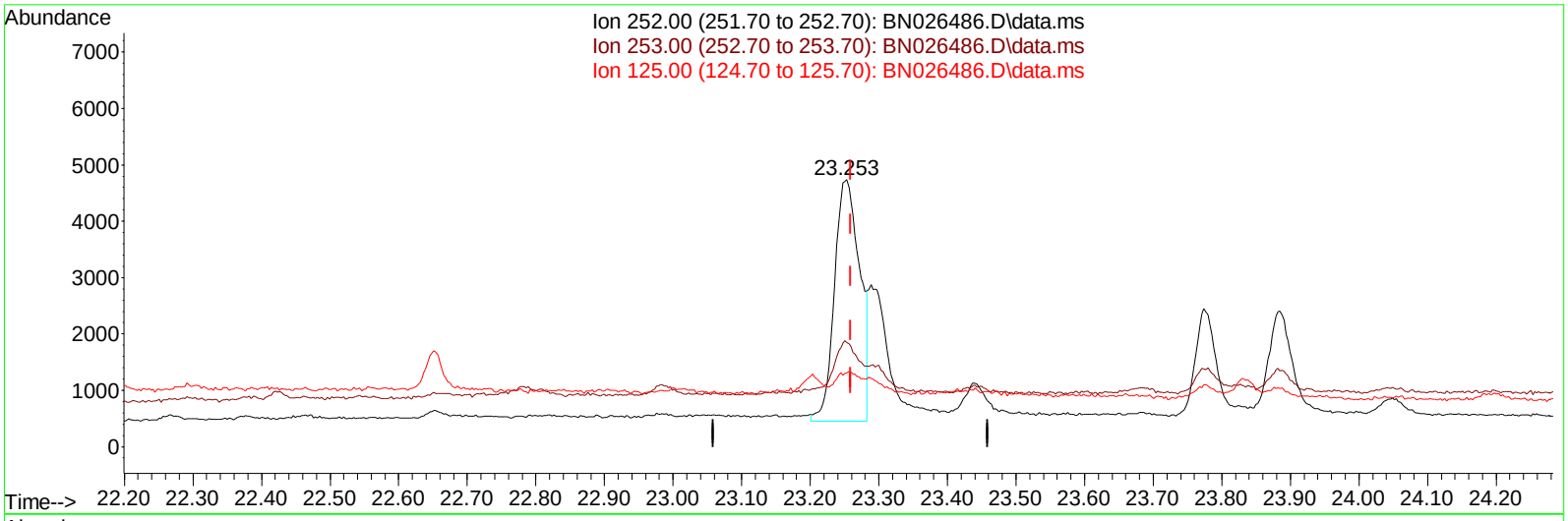
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
Data File : BN026486.D
Acq On : 13 Jul 2023 10:50
Operator : MA/JU
Sample : 03414-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

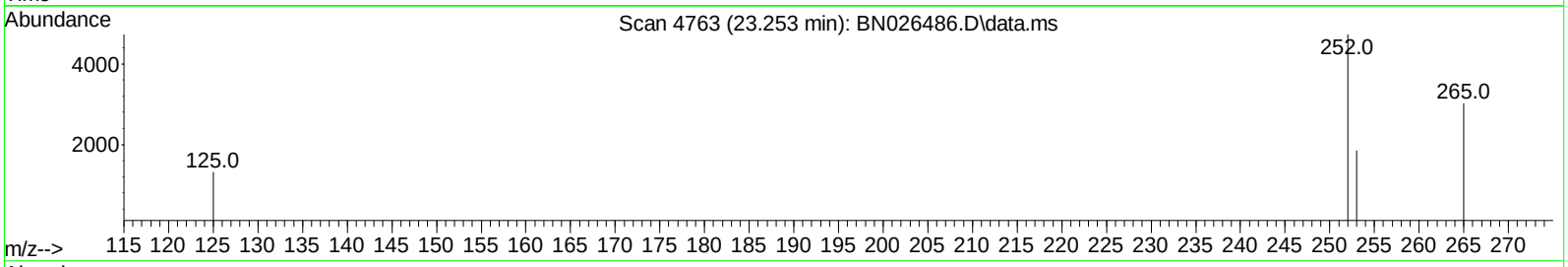
Quant Time: Jul 13 17:03:43 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 16:59:14 2023
Response via : Initial Calibration

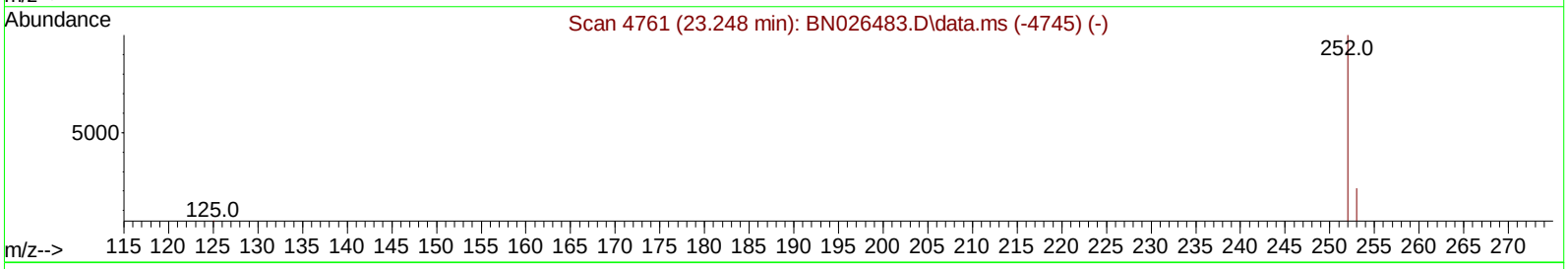
**Instrument :**
BNA_N
**ClientSampleId :**
A4634

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023




TIC: BN026486.D\data.ms

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

**23.253min (-0.006) 0.33 ng/ul m**

**response 11004**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 34.30 | 39.05 |
| 125.00 | 17.00 | 27.71 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

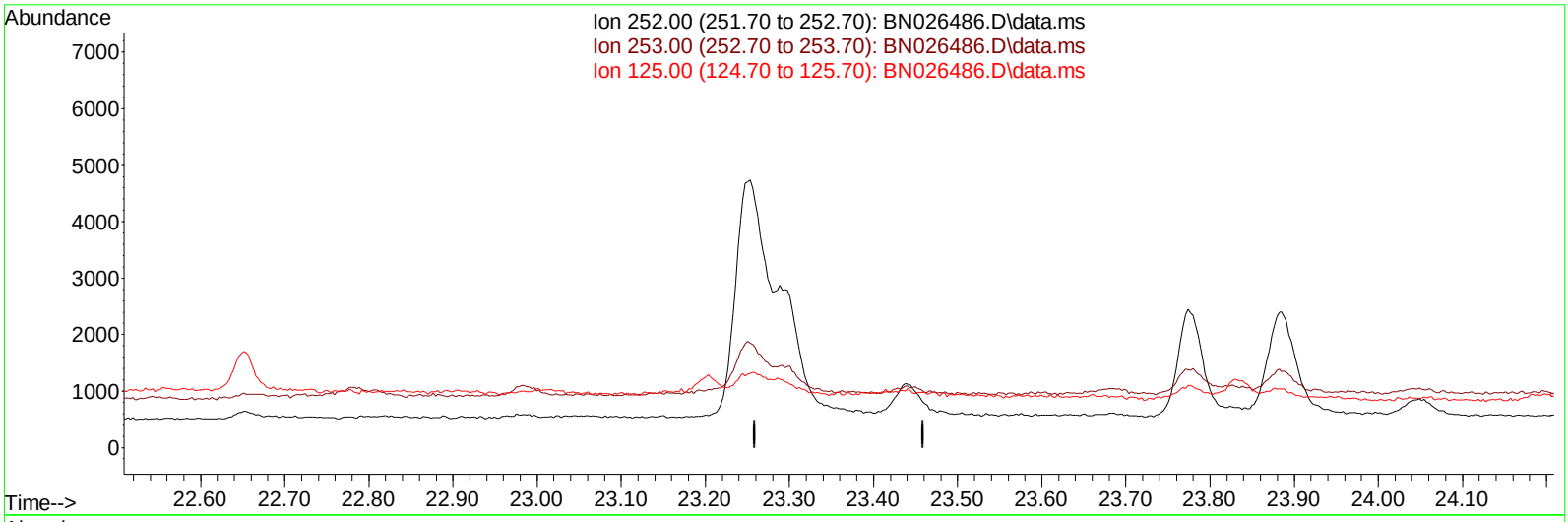
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
Data File : BN026486.D
Acq On : 13 Jul 2023 10:50
Operator : MA/JU
Sample : 03414-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

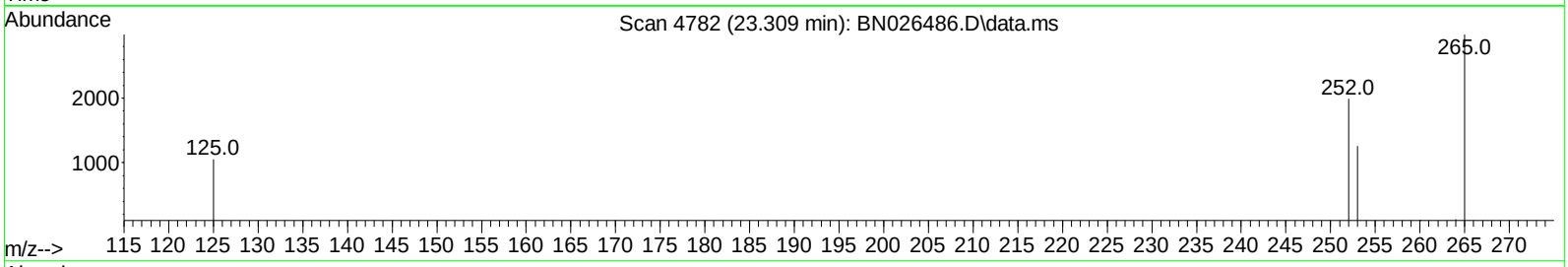
Quant Time: Jul 13 17:03:43 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 16:59:14 2023
Response via : Initial Calibration

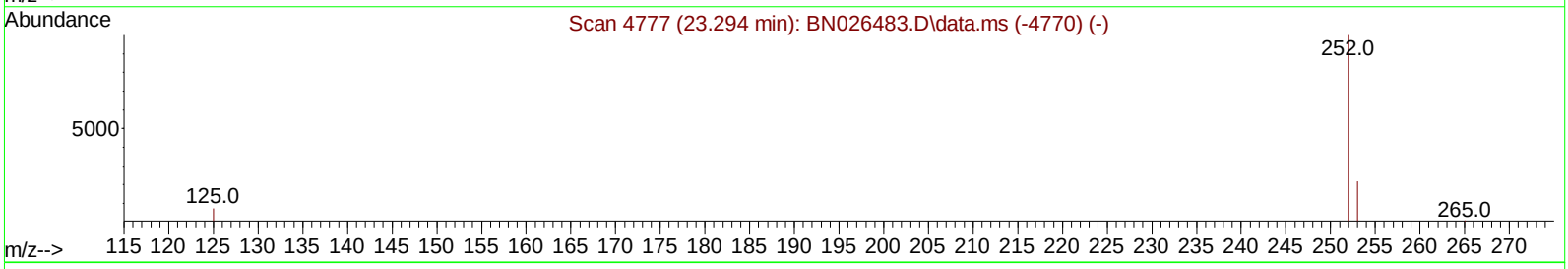
**Instrument :**
BNA_N
**ClientSampleId :**
A4634

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023




TIC: BN026486.D\data.ms

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

**23.309min (-23.309) 0.00 ng/ul**

**response 0**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 0.00 |
| 253.00 | 34.00 | 0.00# |
| 125.00 | 16.80 | 0.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
Data File : BN026486.D
Acq On : 13 Jul 2023 10:50
Operator : MA/JU
Sample : 03414-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 13 17:03:43 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 16:59:14 2023
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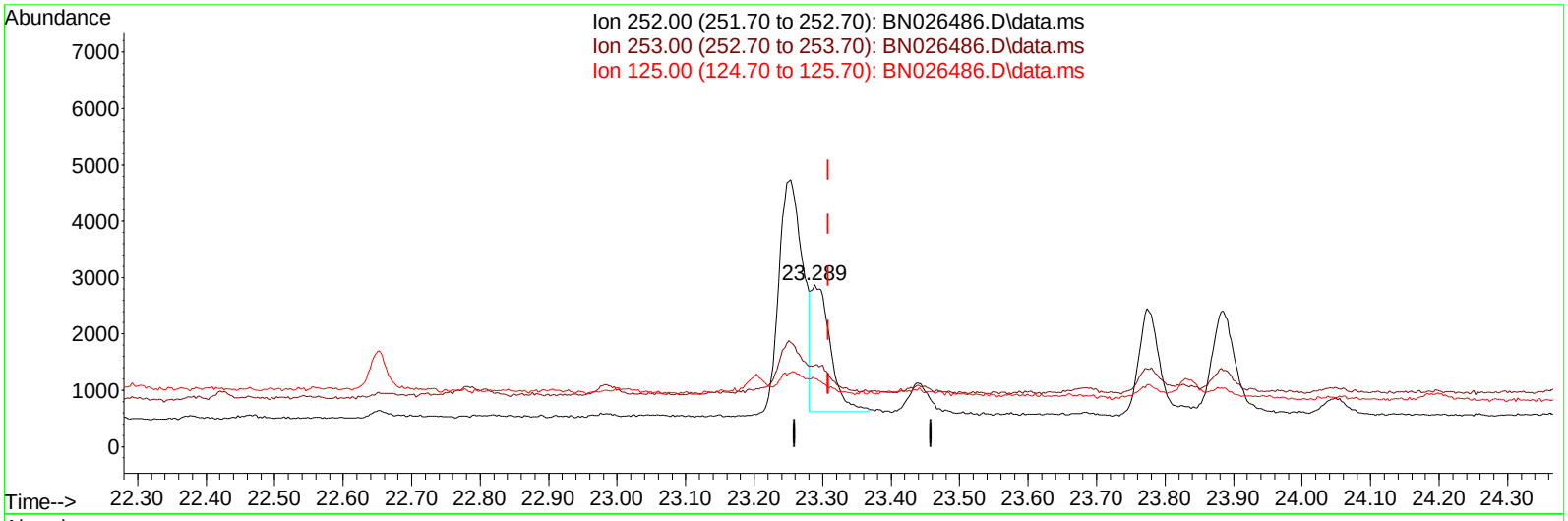
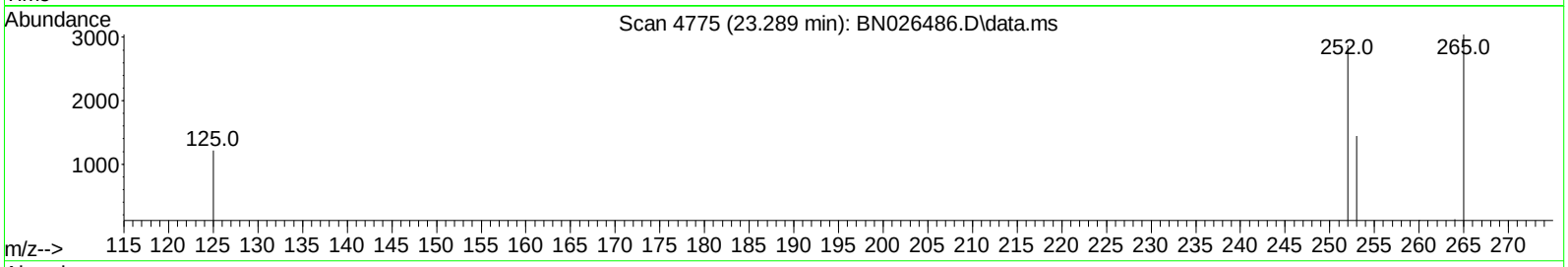
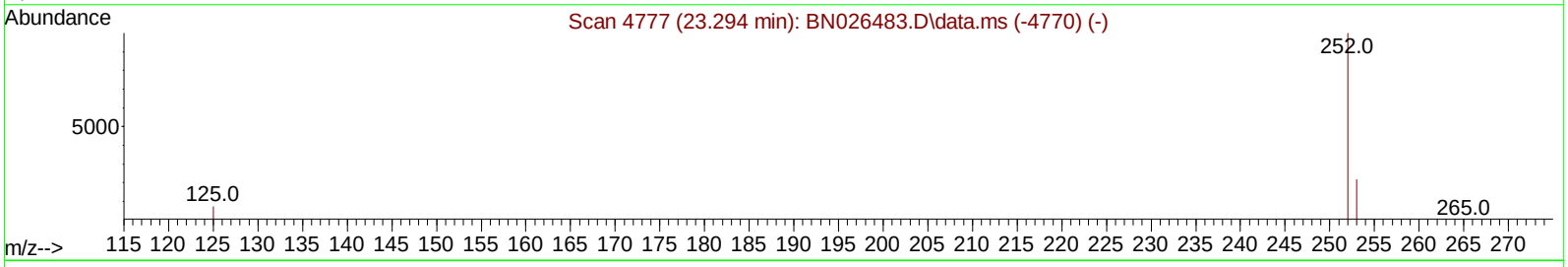
**Instrument :**
BNA_N
**ClientSampleId :**
A4634

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023




TIC: BN026486.D\data.ms

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

**23.289min (-0.020) 0.13 ng/ul m**

**response 4495**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 34.00 | 50.33# |
| 125.00 | 16.80 | 42.28# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071323\
Data File : BN026486.D
Acq On : 13 Jul 2023 10:50
Operator : MA/JU
Sample : 03414-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

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**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 07/14/2023
Supervised By :mohammad ahmed 07/14/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.989 | 152 | 3362 | 0.400 | ng/ul | -0.03 |
| 4) Naphthalene-d8 | 10.798 | 136 | 10299 | 0.400 | ng/ul | -0.01 |
| 9) Acenaphthene-d10 | 14.621 | 164 | 5716 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.364 | 188 | 11578 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.555 | 240 | 8141 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.993 | 264 | 8434 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.339 | 96 | 1406 | 0.318 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.393 | 152 | 393 | 0.028 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.391 | 212 | 688 | 0.024 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.842 | 128 | 6891 | 0.244 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.464 | 142 | 511 | 0.032 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.673 | 142 | 459m | 0.027 | ng/ul | |
| 12) Fluorene | 15.667 | 166 | 701 | 0.031 | ng/ul# | 90 |
| 15) Phenanthrene | 17.406 | 178 | 11424 | 0.310 | ng/ul | 99 |
| 19) Fluoranthene | 19.419 | 202 | 20694 | 0.542 | ng/ul | 98 |
| 20) Pyrene | 19.782 | 202 | 17580 | 0.424 | ng/ul | 99 |
| 21) Benzo(a)anthracene | 21.541 | 228 | 8870 | 0.296 | ng/ul# | 91 |
| 22) Chrysene | 21.593 | 228 | 8196 | 0.241 | ng/ul# | 93 |
| 24) Benzo(b)fluoranthene | 23.253 | 252 | 11004m | 0.335 | ng/ul | |
| 25) Benzo(k)fluoranthene | 23.289 | 252 | 4495m | 0.131 | ng/ul | |
| 26) Benzo(a)pyrene | 23.885 | 252 | 4272 | 0.146 | ng/ul# | 70 |
| 27) Indeno(1,2,3-cd)pyrene | 26.547 | 276 | 4436 | 0.116 | ng/ul# | 78 |

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

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