Quantitation Report (Qedit)

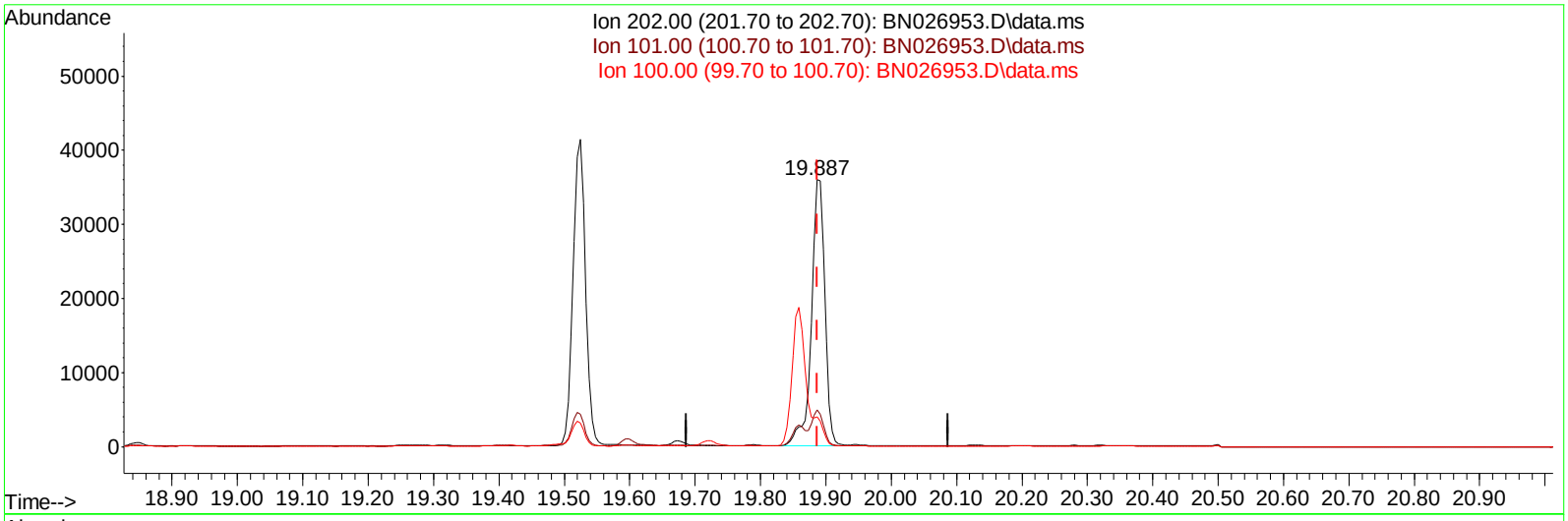
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
Data File : BN026953.D
Acq On : 18 Aug 2023 10:38
Operator : MA/JU
Sample : 03970-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

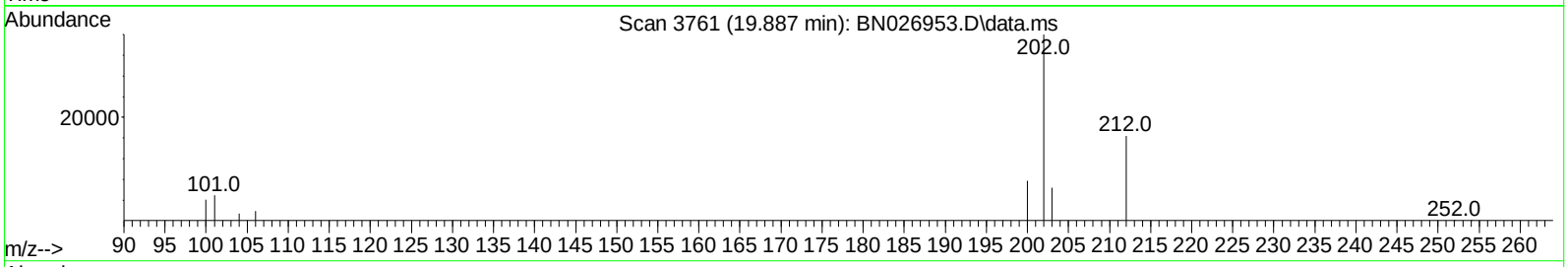
Quant Time: Aug 18 13:13:56 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration

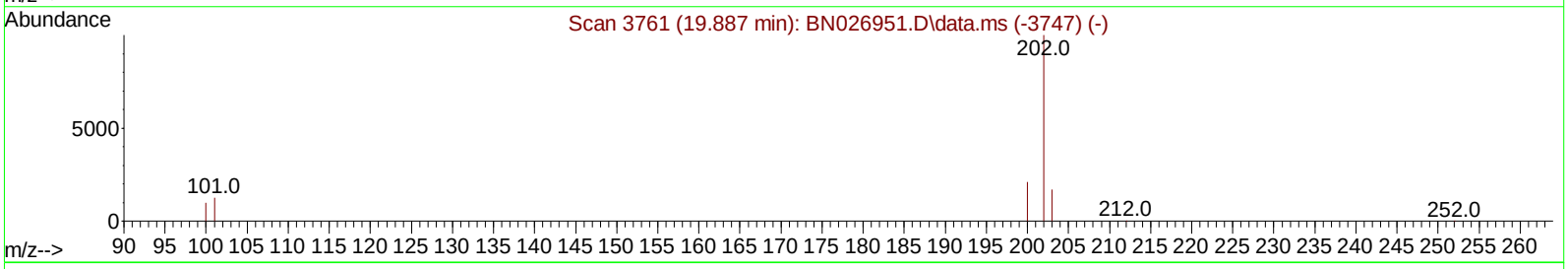
**Instrument :**
BNA_N
**ClientSampleId :**
A48H5

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023




TIC: BN026953.D\data.ms

**(20) Pyrene**

**19.887min (-0.000) 0.79 ng/ul**

**response 51981**

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 13.40 | 13.74 |
| 100.00 | 10.60 | 11.28 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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

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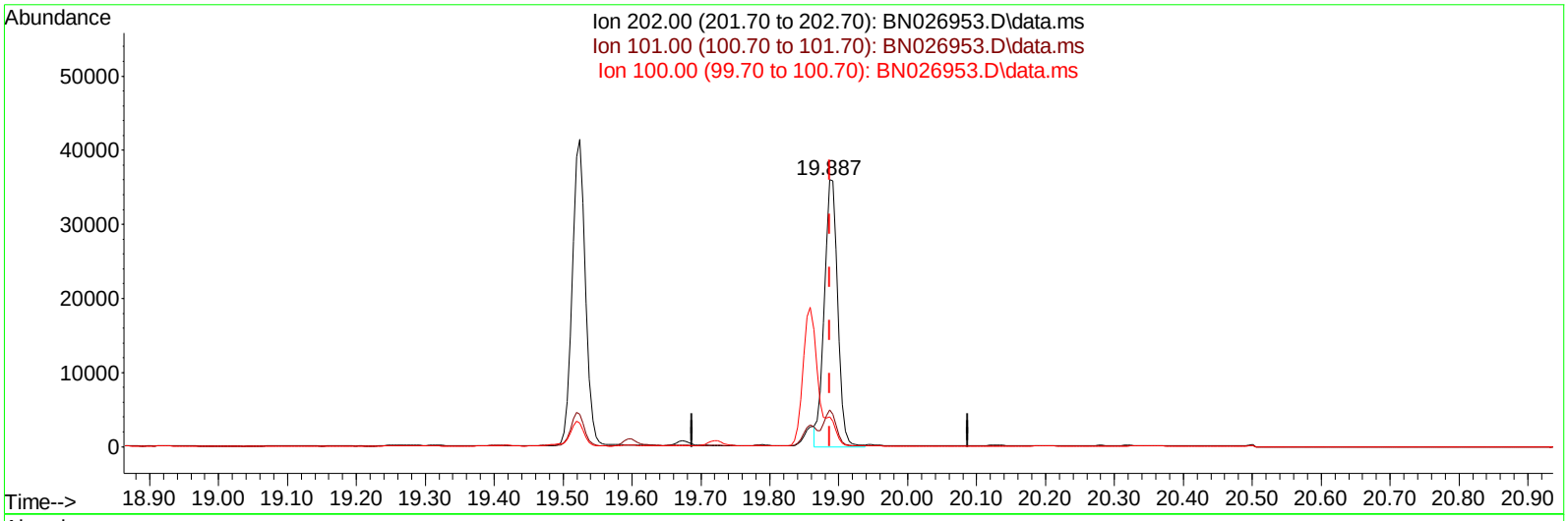


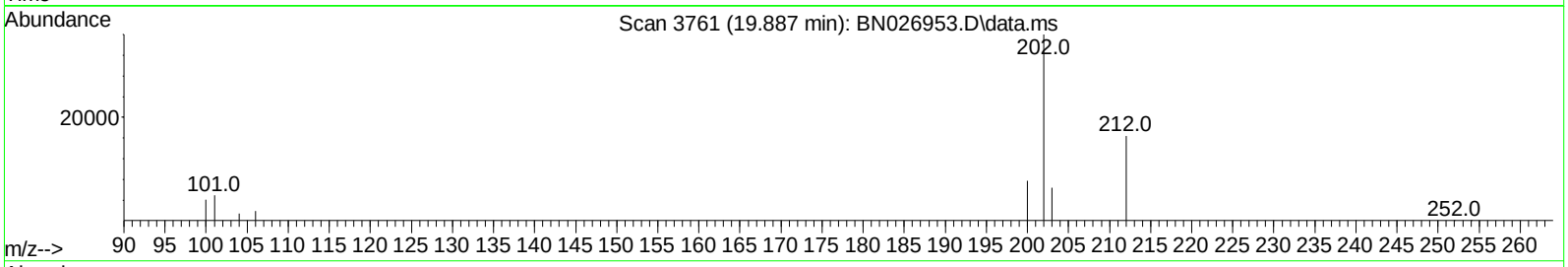


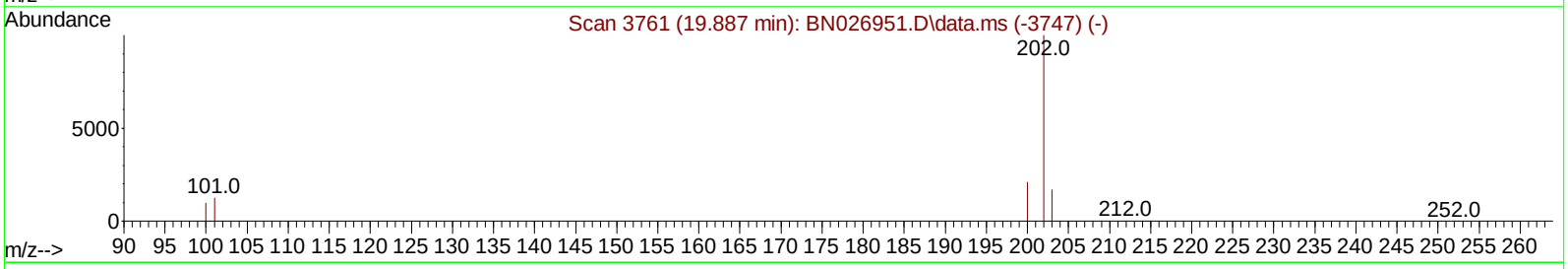


TIC: BN026953.D\data.ms

**(20) Pyrene**

**19.887min (-0.000) 0.76 ng/ul m**

**response 49546**

| Ion | Exp% | Act% |
|---|---|---|
| 202.00 | 100.00 | 100.00 |
| 101.00 | 13.40 | 13.74 |
| 100.00 | 10.60 | 11.28 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Operator : MA/JU
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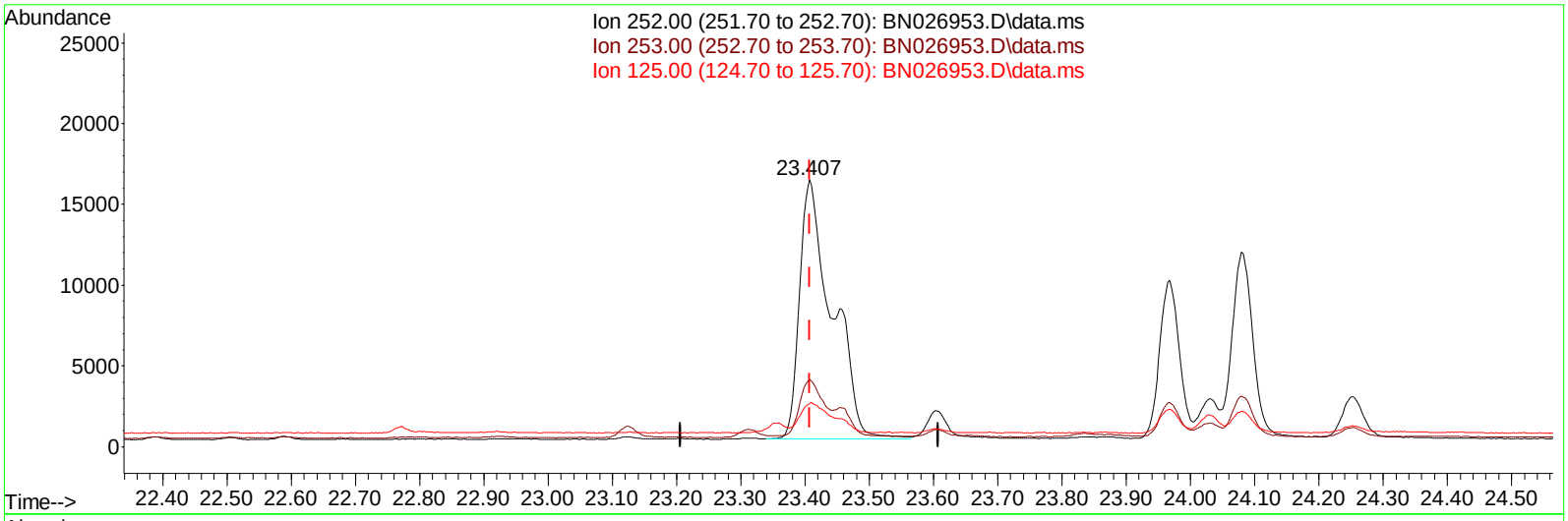
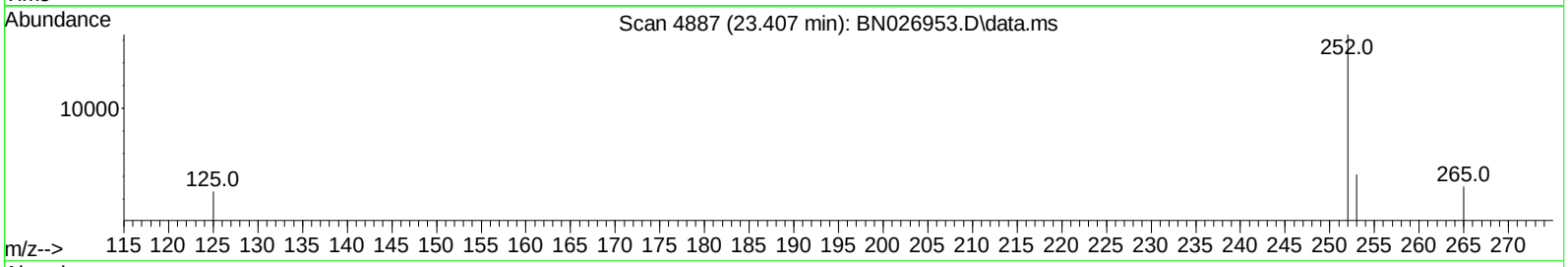
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration

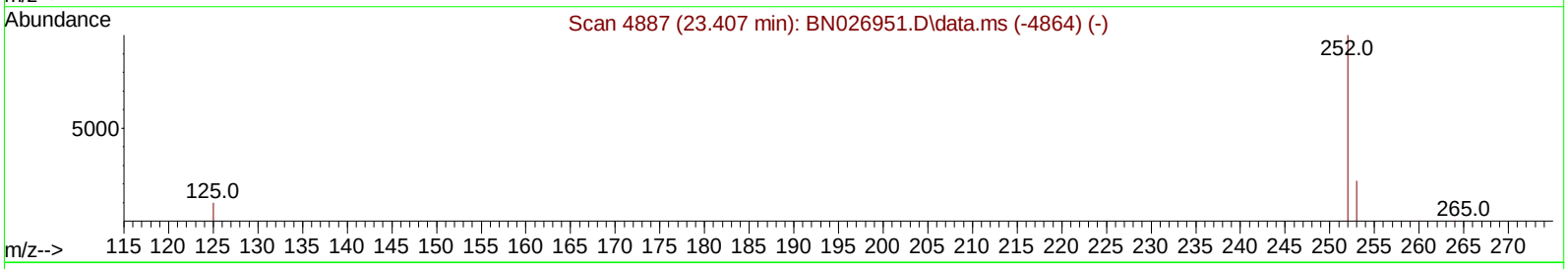
**Instrument :**
BNA_N
**ClientSampleId :**
A48H5

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023




TIC: BN026953.D\data.ms

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

**23.407min (-0.000) 0.93 ng/ul**

**response 56565**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 23.40 | 25.02 |
| 125.00 | 12.60 | 16.11 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

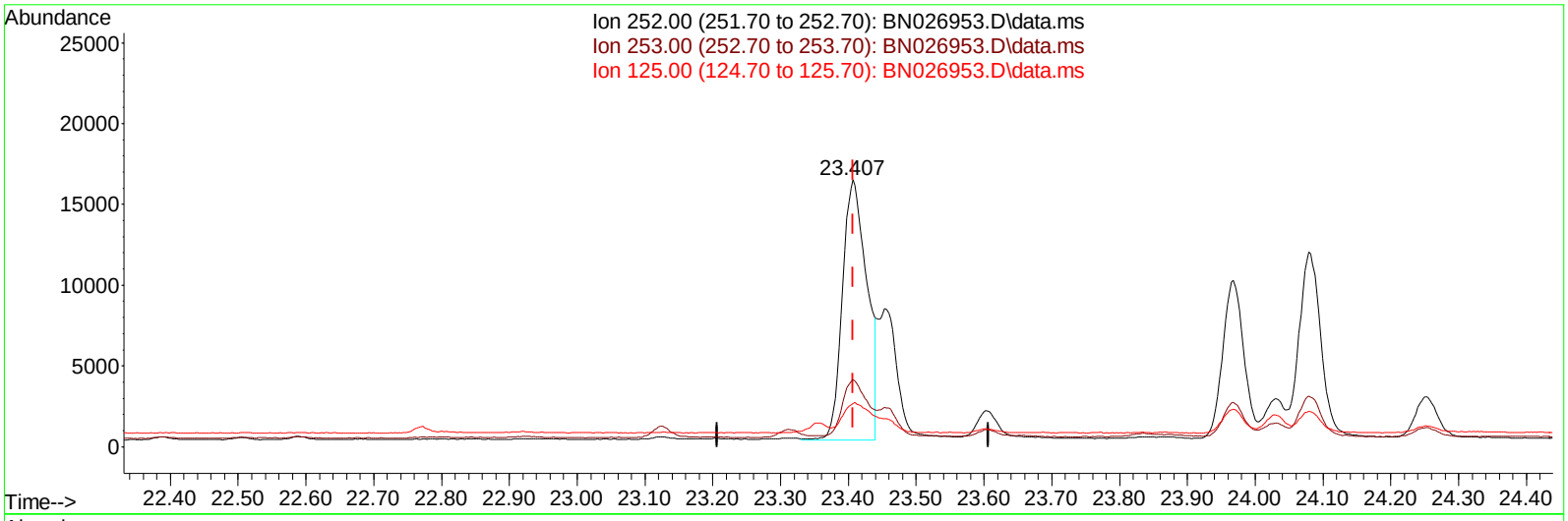
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
Data File : BN026953.D
Acq On : 18 Aug 2023 10:38
Operator : MA/JU
Sample : 03970-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

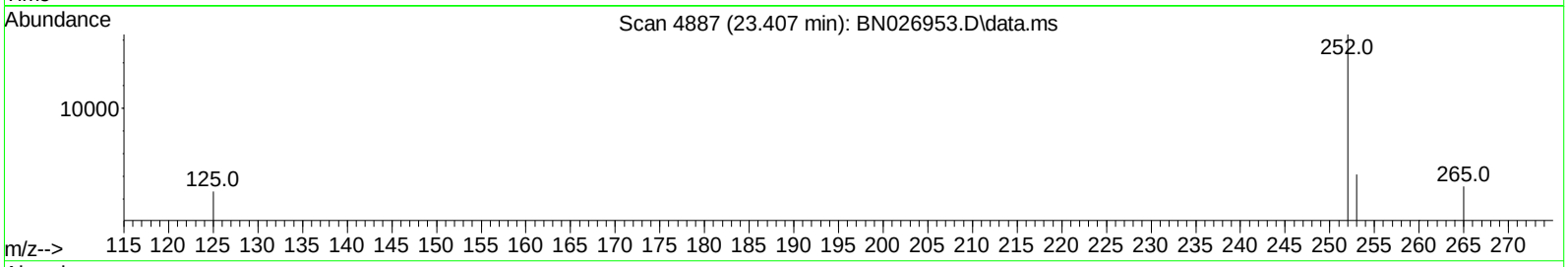
Quant Time: Aug 18 13:13:56 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration

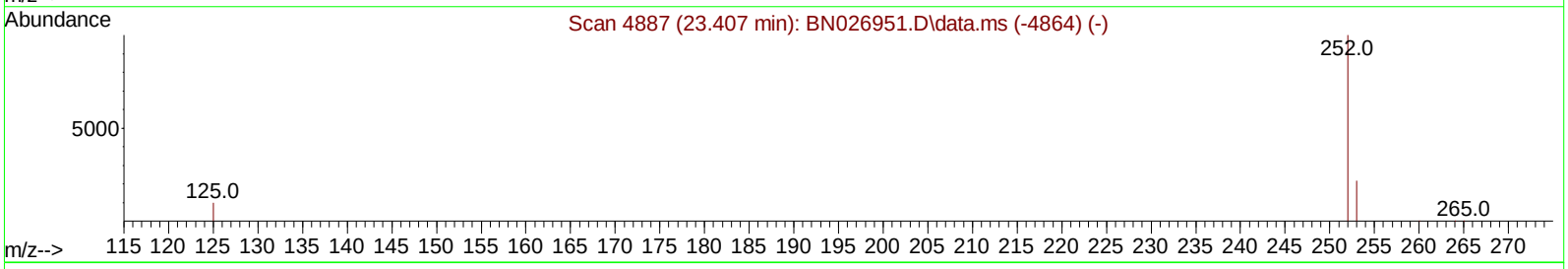
**Instrument :**
BNA_N
**ClientSampleId :**
A48H5

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023




TIC: BN026953.D\data.ms

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

**23.407min (-0.000) 0.66 ng/ul m**

**response 40171**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 23.40 | 25.02 |
| 125.00 | 12.60 | 16.11 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

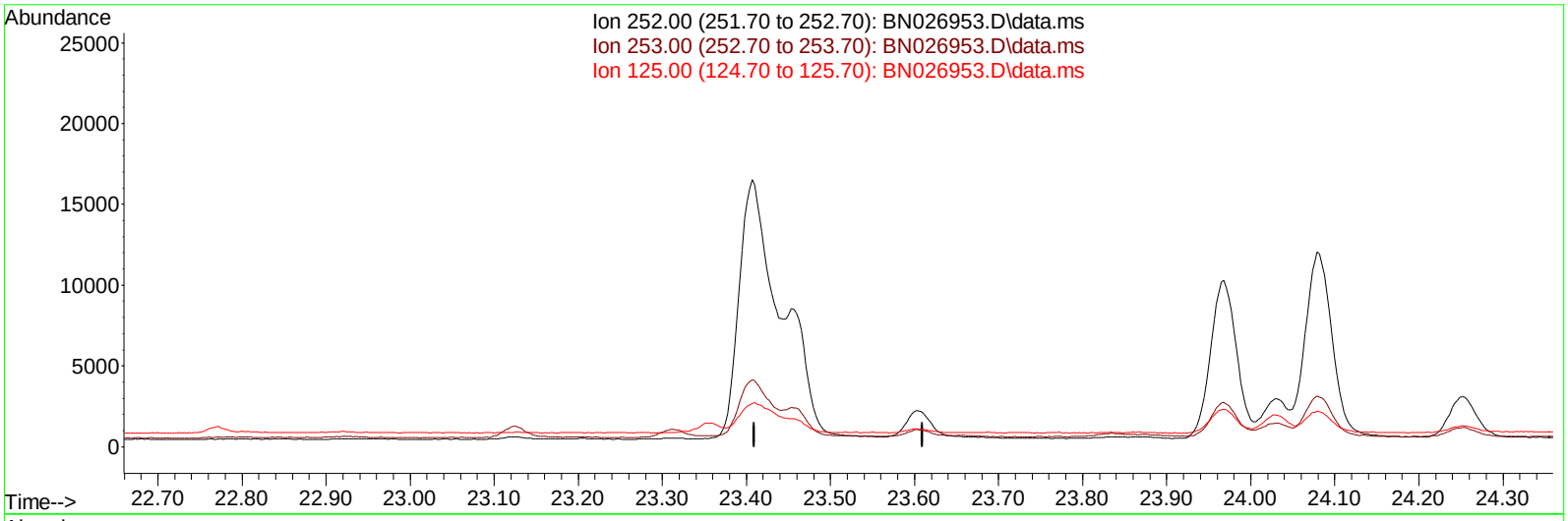
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
Data File : BN026953.D
Acq On : 18 Aug 2023 10:38
Operator : MA/JU
Sample : 03970-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

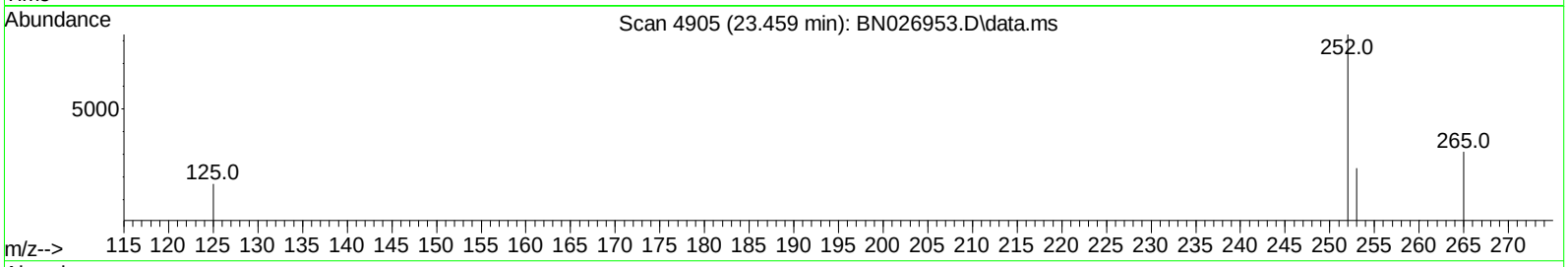
Quant Time: Aug 18 13:13:56 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration

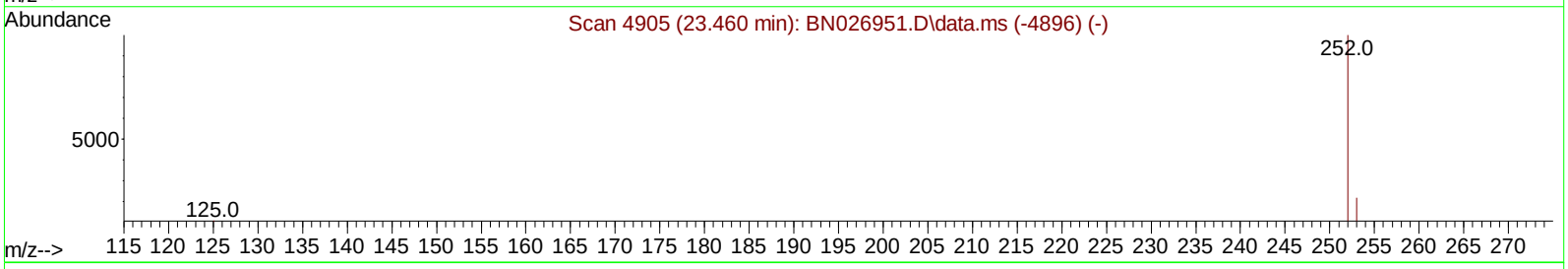
**Instrument :**
BNA_N
**ClientSampleId :**
A48H5

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023




TIC: BN026953.D\data.ms

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

**23.460min (-23.460) 0.00 ng/ul**

**response 0**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 0.00 |
| 253.00 | 22.80 | 0.00# |
| 125.00 | 12.40 | 0.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

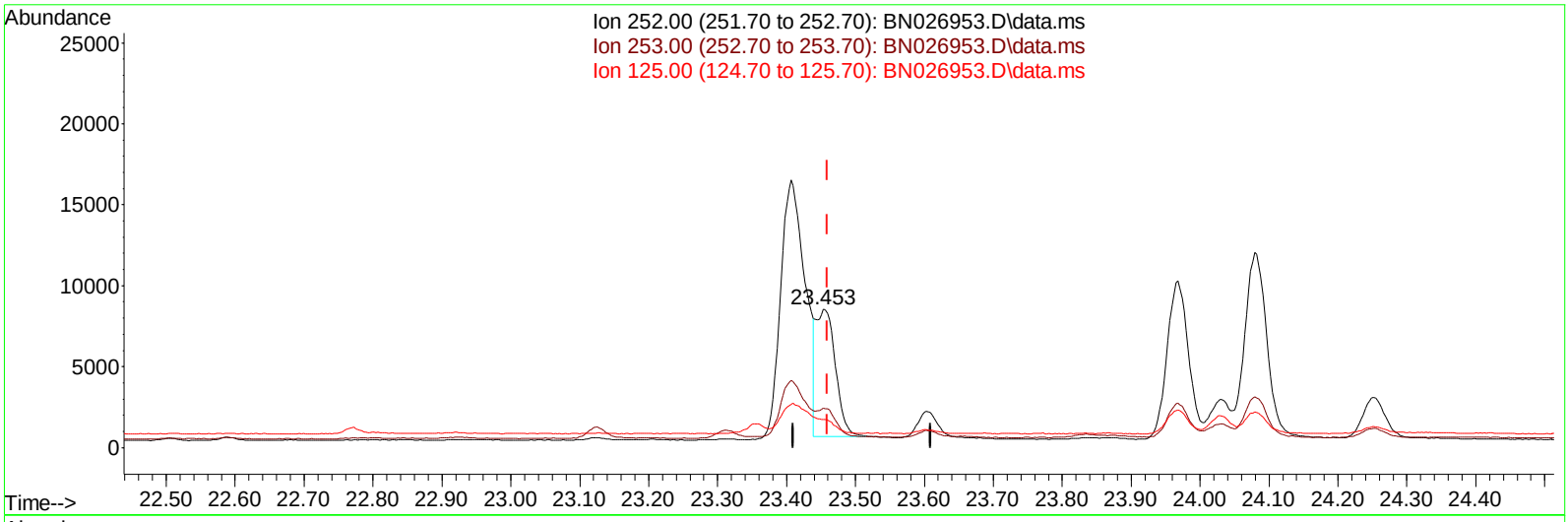
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
Data File : BN026953.D
Acq On : 18 Aug 2023 10:38
Operator : MA/JU
Sample : 03970-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

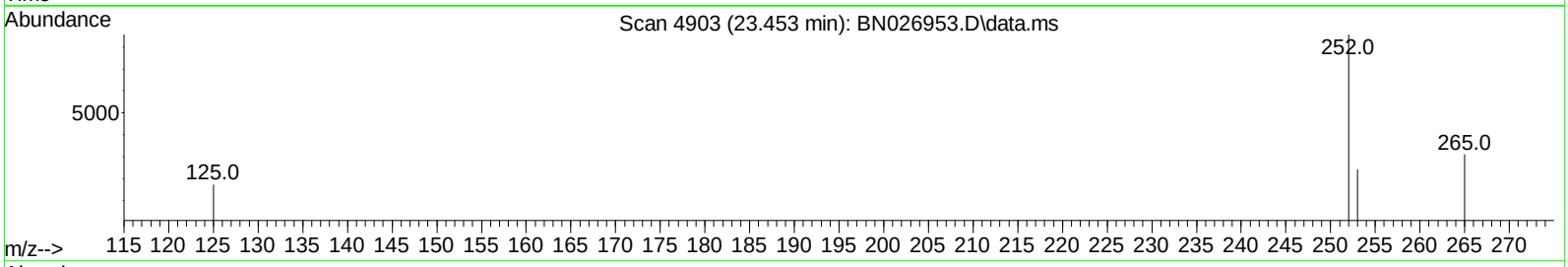
Quant Time: Aug 18 13:13:56 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration

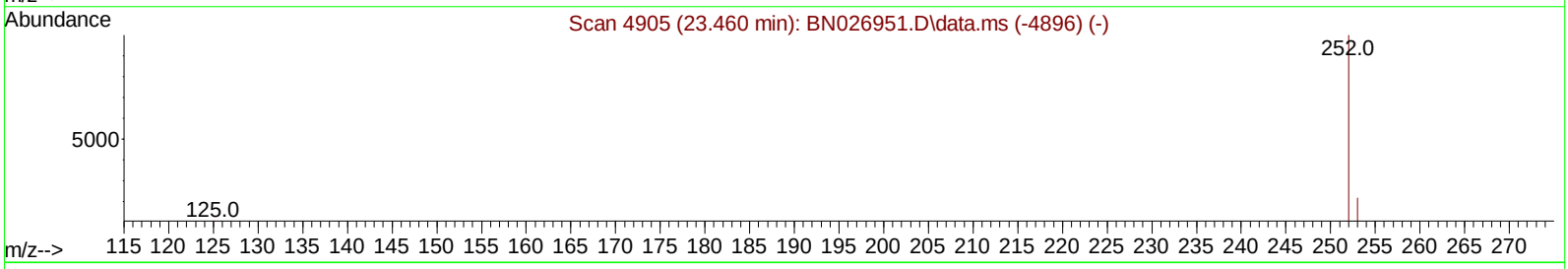
**Instrument :**
BNA_N
**ClientSampleId :**
A48H5

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023




TIC: BN026953.D\data.ms

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

**23.453min (-0.006) 0.26 ng/ul m**

**response 15330**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 22.80 | 28.27# |
| 125.00 | 12.40 | 20.30# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
Data File : BN026953.D
Acq On : 18 Aug 2023 10:38
Operator : MA/JU
Sample : 03970-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 18 13:13:56 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
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**Instrument :**
BNA_N
**ClientSampleId :**
A48H5

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.101 | 152 | 3834 | 0.400 | ng/ul | | 0.00 |
| 4) Naphthalene-d8 | 10.933 | 136 | 12552 | 0.400 | ng/ul | | 0.00 |
| 9) Acenaphthene-d10 | 14.730 | 164 | 7666 | 0.400 | ng/ul | | 0.00 |
| 13) Phenanthrene-d10 | 17.476 | 188 | 17507 | 0.400 | ng/ul | | 0.00 |
| 17) Chrysene-d12 | 21.650 | 240 | 14801 | 0.400 | ng/ul | # | 0.00 |
| 23) Perylene-d12 | 24.193 | 264 | 16014 | 0.400 | ng/ul | # | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.439 | 96 | 27801 | 6.108 | ng/ul | | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.505 | 152 | 5287 | 0.286 | ng/ul | | 0.00 |
| 18) Fluoranthene-d10 | 19.492 | 212 | 15006 | 0.321 | ng/ul | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 5) Naphthalene | 10.982 | 128 | 1298 | 0.037 | ng/ul | # | 78 |
| 10) Acenaphthylene | 14.457 | 152 | 1705 | 0.040 | ng/ul | # | 87 |
| 12) Fluorene | 15.776 | 166 | 720 | 0.021 | ng/ul | # | 95 |
| 15) Phenanthrene | 17.519 | 178 | 21457 | 0.373 | ng/ul | | 100 |
| 16) Anthracene | 17.611 | 178 | 4057 | 0.078 | ng/ul | # | 93 |
| 19) Fluoranthene | 19.524 | 202 | 55411 | 0.901 | ng/ul | | 100 |
| 20) Pyrene | 19.887 | 202 | 49546m | 0.755 | ng/ul | | |
| 21) Benzo(a)anthracene | 21.632 | 228 | 21201 | 0.360 | ng/ul | | 98 |
| 22) Chrysene | 21.688 | 228 | 29096 | 0.501 | ng/ul | | 98 |
| 24) Benzo(b)fluoranthene | 23.407 | 252 | 40171m | 0.663 | ng/ul | | |
| 25) Benzo(k)fluoranthene | 23.453 | 252 | 15330m | 0.257 | ng/ul | | |
| 26) Benzo(a)pyrene | 24.079 | 252 | 25595 | 0.468 | ng/ul | # | 93 |
| 27) Indeno(1,2,3-cd)pyrene | 26.881 | 276 | 19779 | 0.277 | ng/ul | # | 91 |
| 28) Dibenzo(a,h)anthracene | 26.907 | 278 | 4150 | 0.073 | ng/ul | # | 69 |
| 29) Benzo(g,h,i)perylene | 27.722 | 276 | 19885 | 0.334 | ng/ul | | 97 |

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

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