Quantitation Report (Qedit)

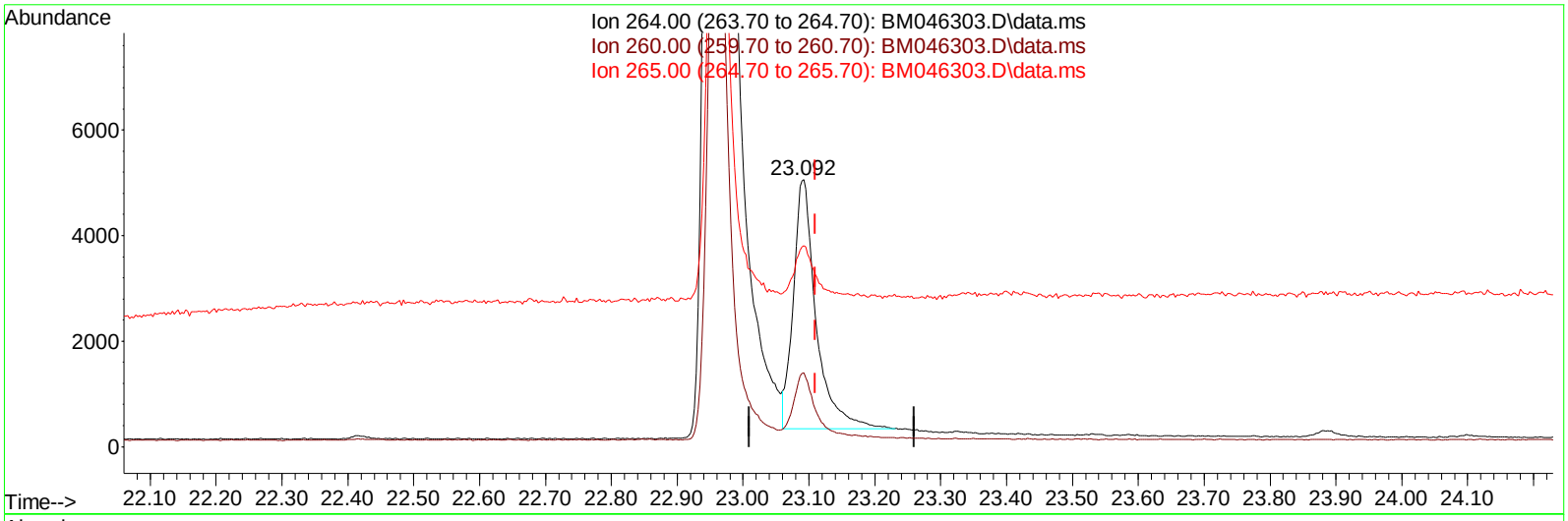
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046303.D
Acq On : 25 Jun 2024 22:11
Operator : MA/JU
Sample : P2844-05DL 5X
Misc :
ALS Vial : 63 Sample Multiplier: 1

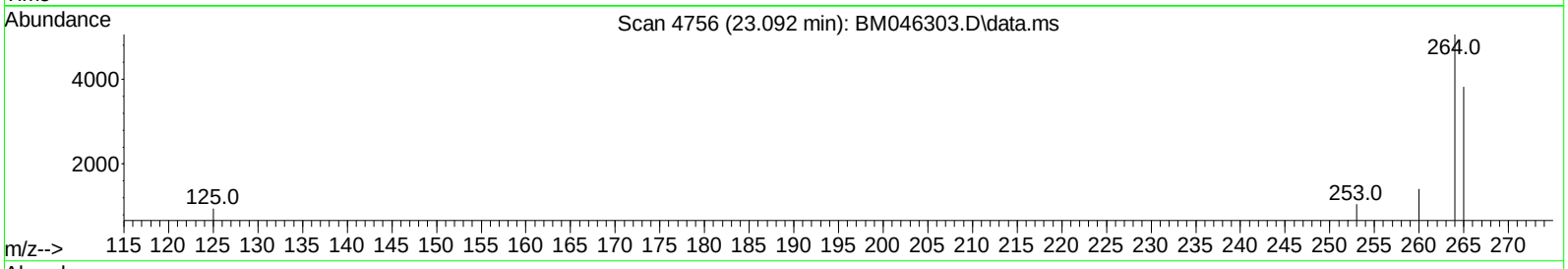
Quant Time: Jun 26 00:01:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

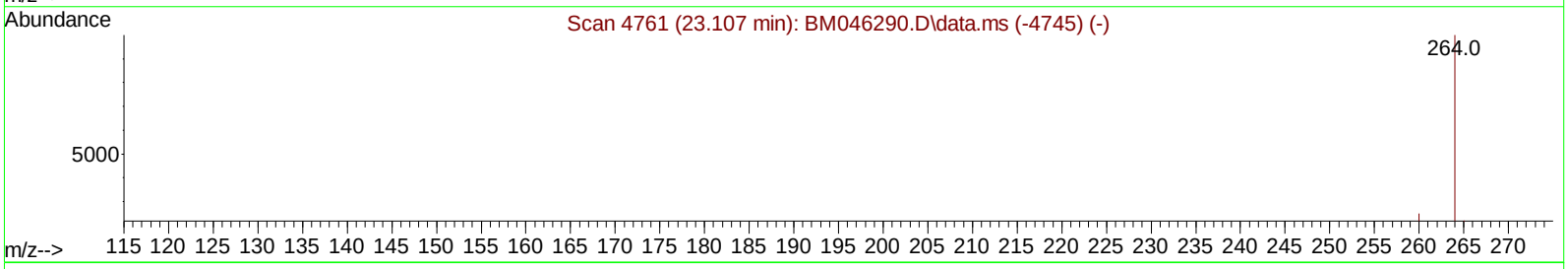
**Instrument :**
BNA_M
**ClientSampleId :**
A4C83DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024




TIC: BM046303.D\data.ms

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

**23.092min (-0.017) 0.40 ng/ul**

**response 11422**

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 28.20 | 27.78 |
| 265.00 | 110.60 | 75.44# |
| 0.00 | 0.00 | 0.00 |

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**Manual IntegrationsAPPROVED**

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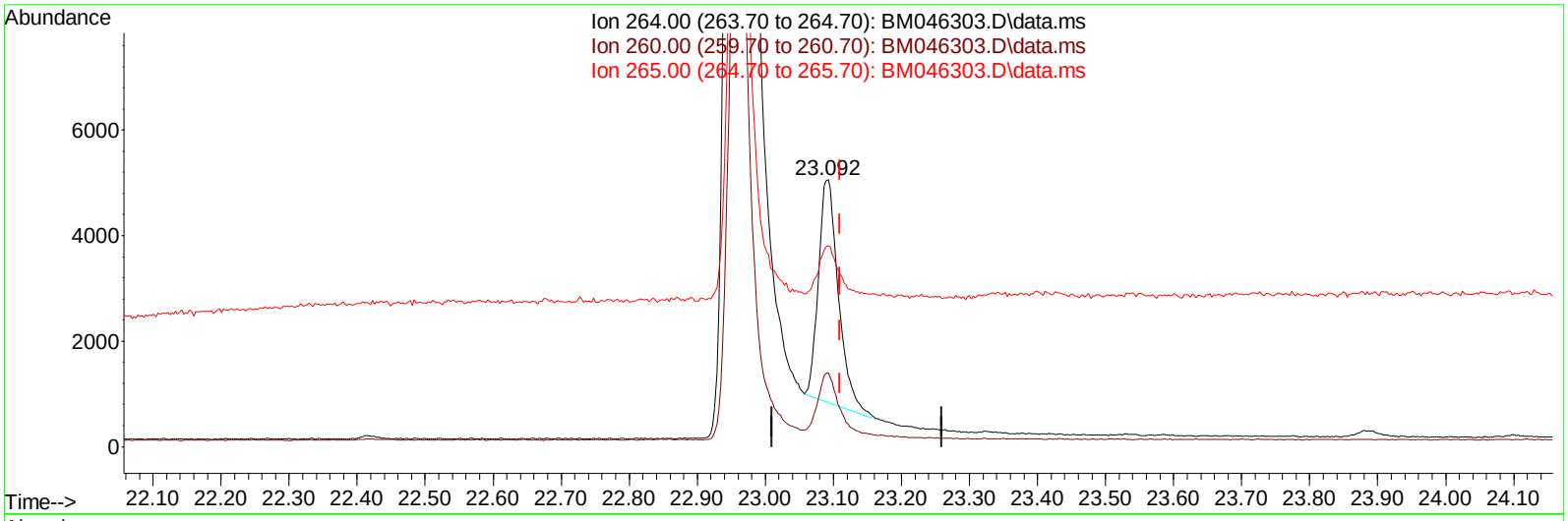


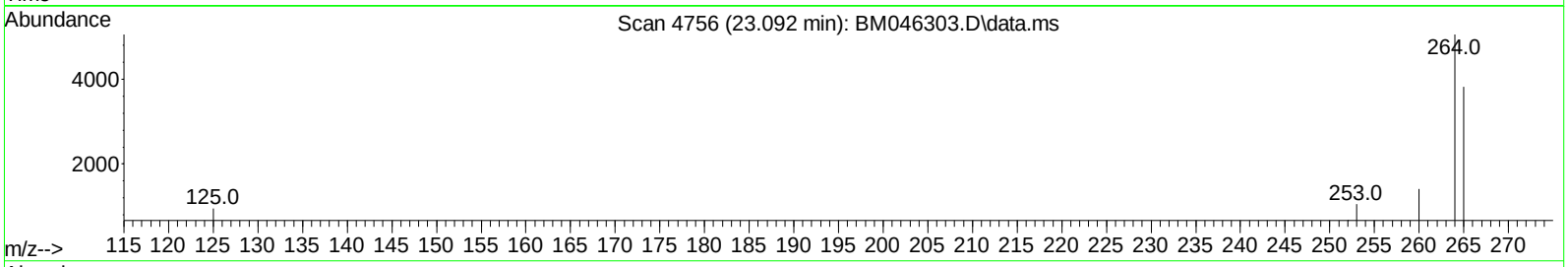


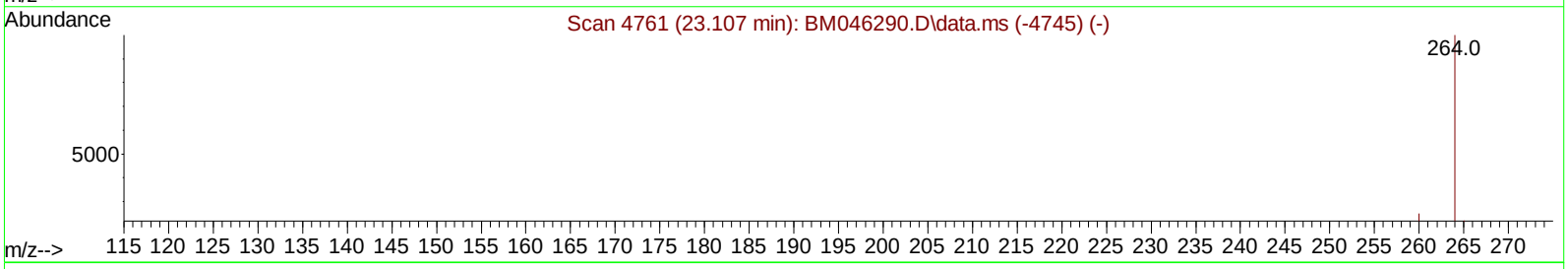


TIC: BM046303.D\data.ms

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

**23.092min (-0.017) 0.40 ng/ul m**

**response 8560**

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 28.20 | 27.78 |
| 265.00 | 110.60 | 75.44# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
A4C83DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/26/2024
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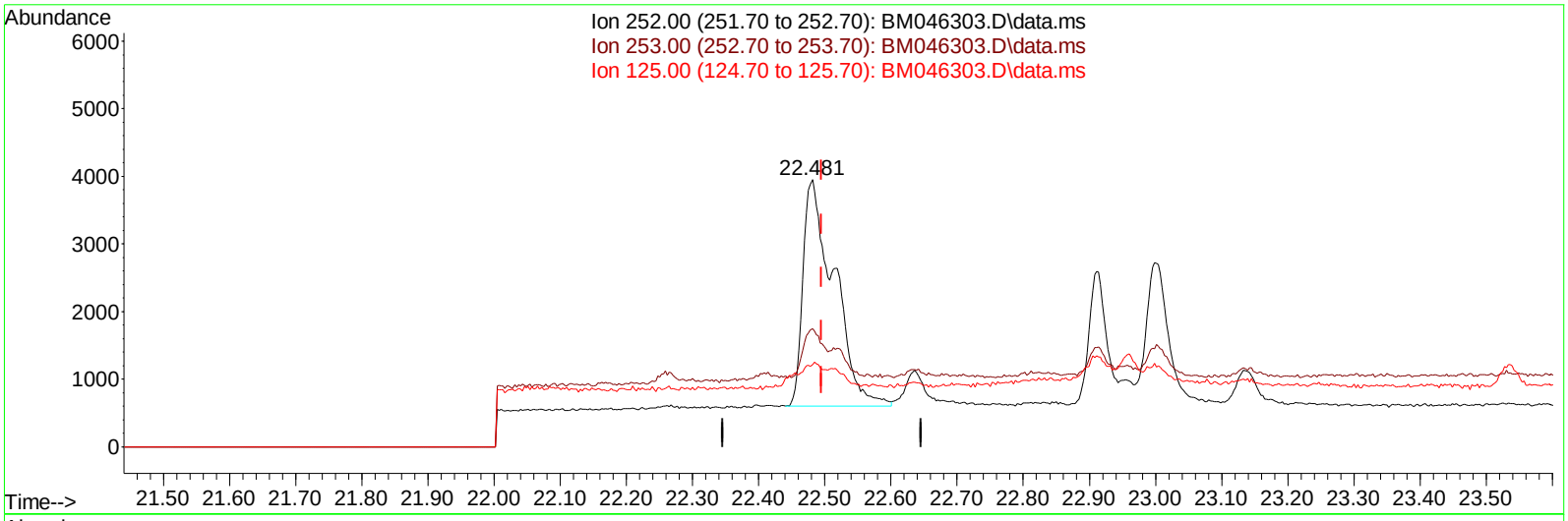
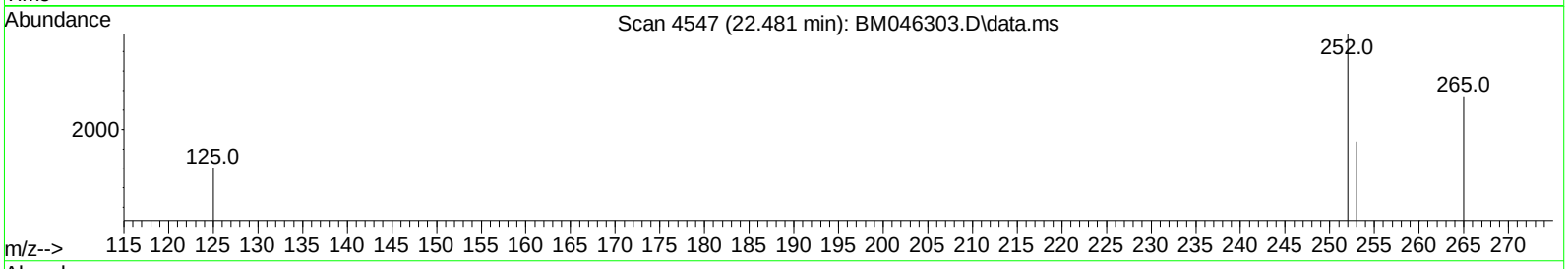
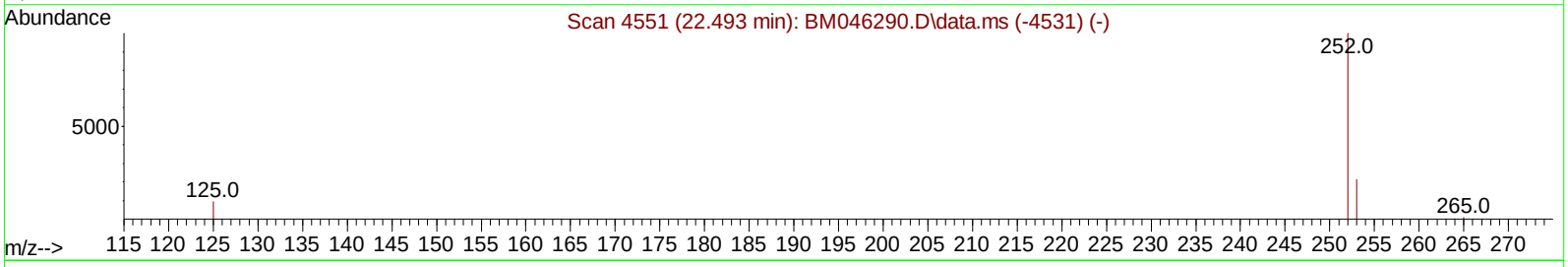



TIC: BM046303.D\data.ms

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

**22.481min (-0.014) 0.35 ng/ul**

**response 10914**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 32.90 | 44.16 |
| 125.00 | 20.10 | 30.69 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

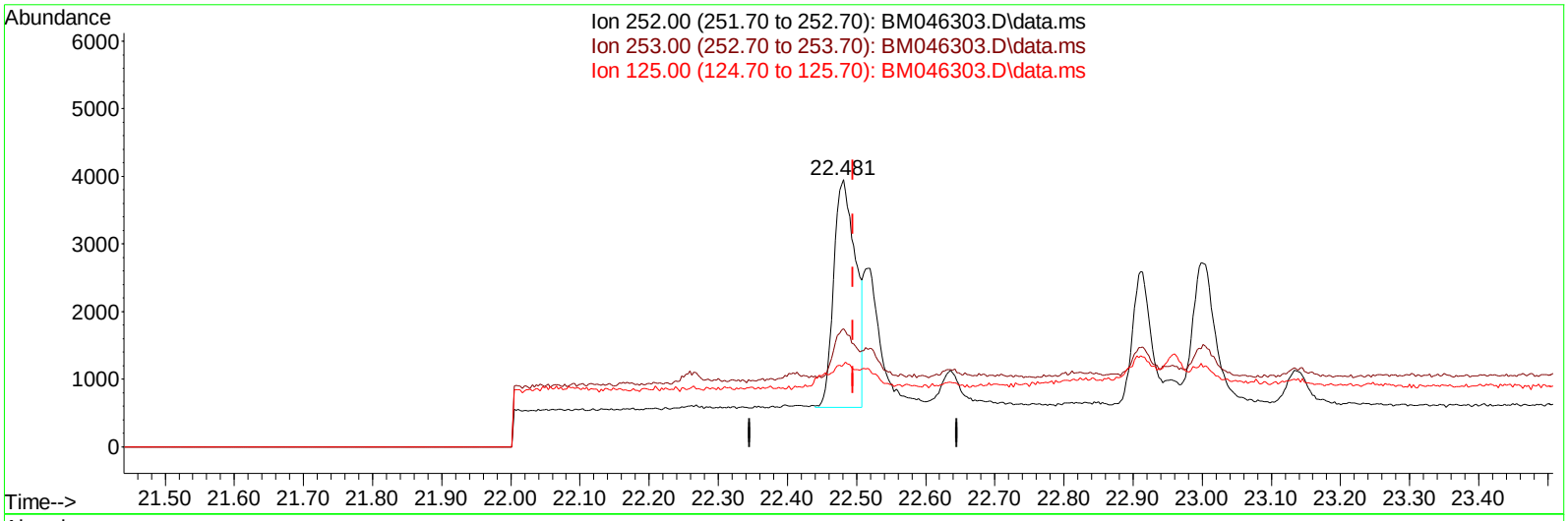
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046303.D
Acq On : 25 Jun 2024 22:11
Operator : MA/JU
Sample : P2844-05DL 5X
Misc :
ALS Vial : 63 Sample Multiplier: 1

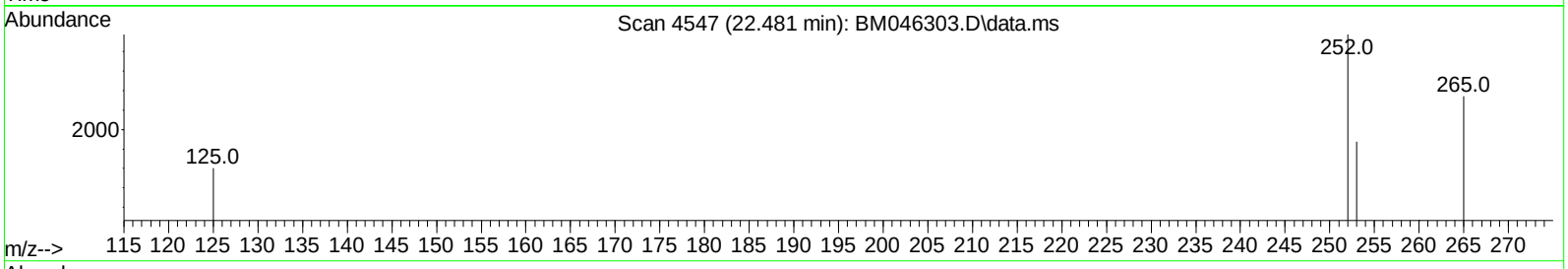
Quant Time: Jun 26 00:01:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

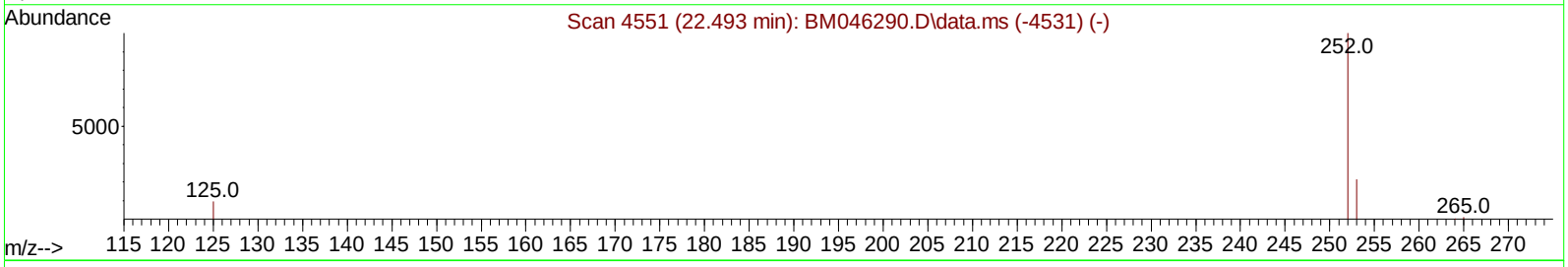
**Instrument :**
BNA_M
**ClientSampleId :**
A4C83DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024




TIC: BM046303.D\data.ms

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

**22.481min (-0.014) 0.24 ng/ul m**

**response 7415**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 32.90 | 44.16 |
| 125.00 | 20.10 | 30.69 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

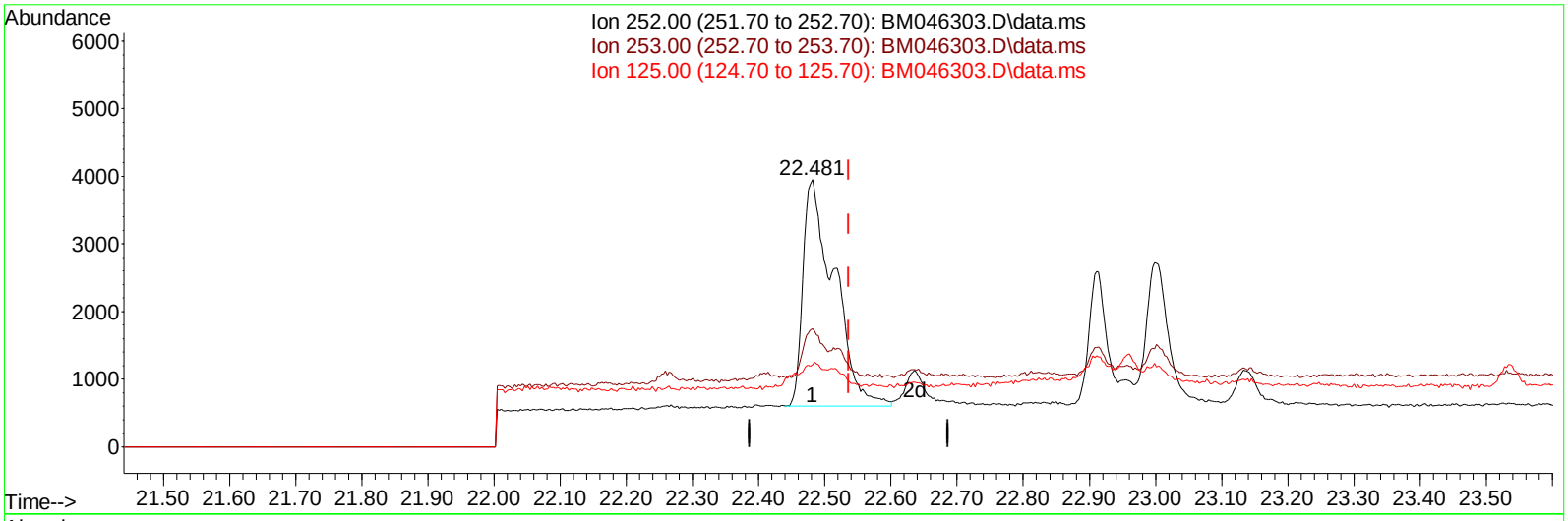
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046303.D
Acq On : 25 Jun 2024 22:11
Operator : MA/JU
Sample : P2844-05DL 5X
Misc :
ALS Vial : 63 Sample Multiplier: 1

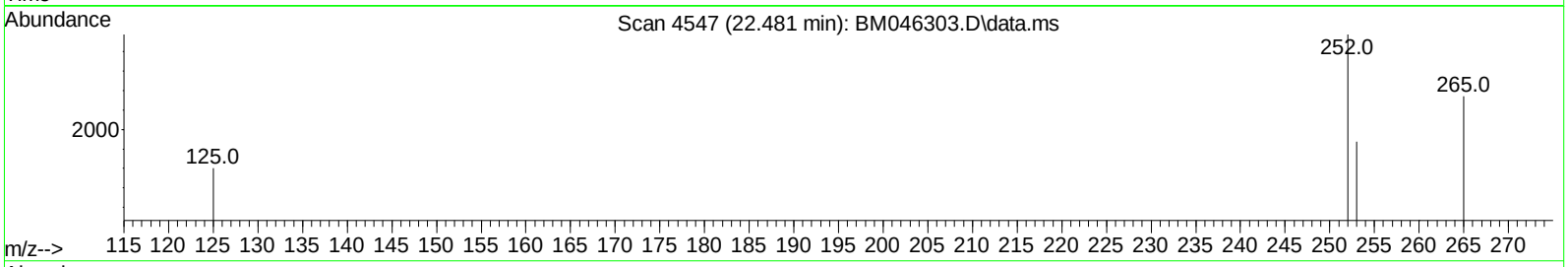
Quant Time: Jun 26 00:01:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

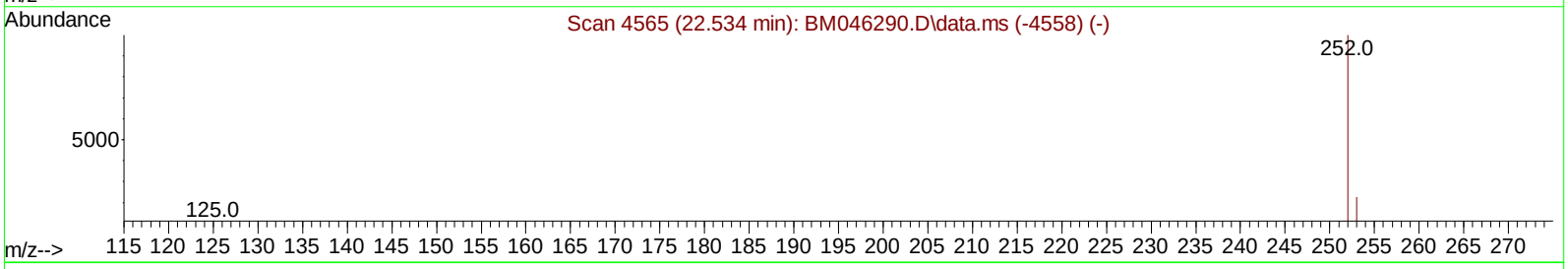
**Instrument :**
BNA_M
**ClientSampleId :**
A4C83DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024




TIC: BM046303.D\data.ms

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

**22.481min (-0.055) 0.30 ng/ul**

**response 10914**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 34.00 | 44.16# |
| 125.00 | 20.80 | 30.69# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

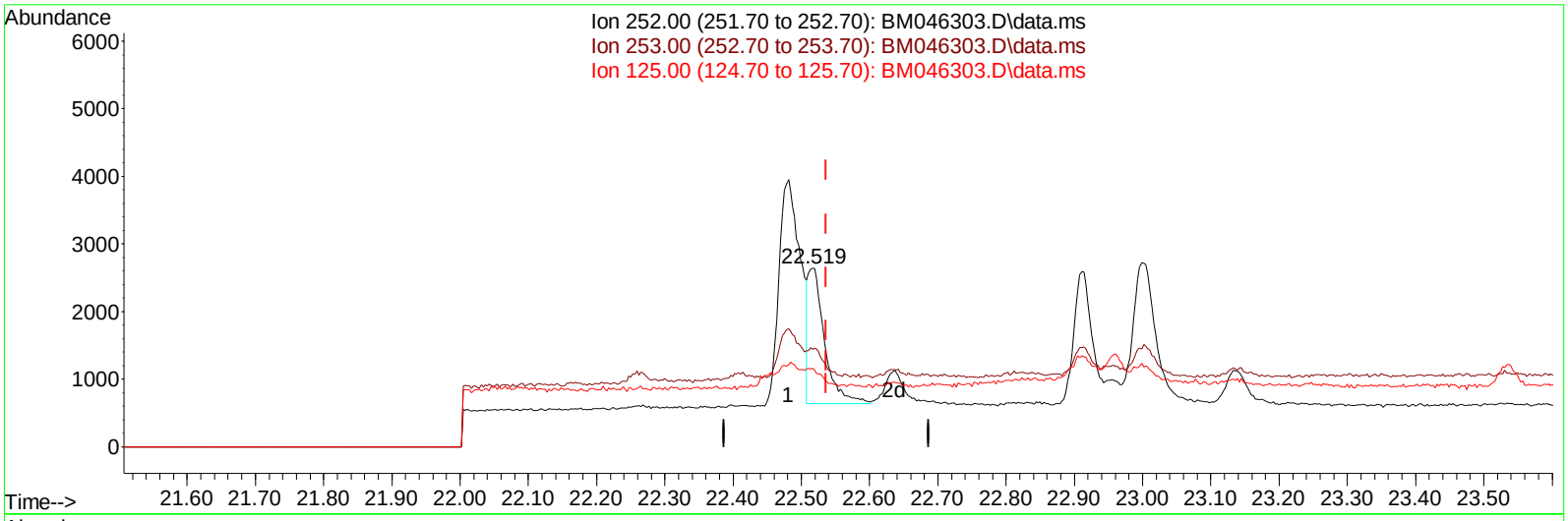
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046303.D
Acq On : 25 Jun 2024 22:11
Operator : MA/JU
Sample : P2844-05DL 5X
Misc :
ALS Vial : 63 Sample Multiplier: 1

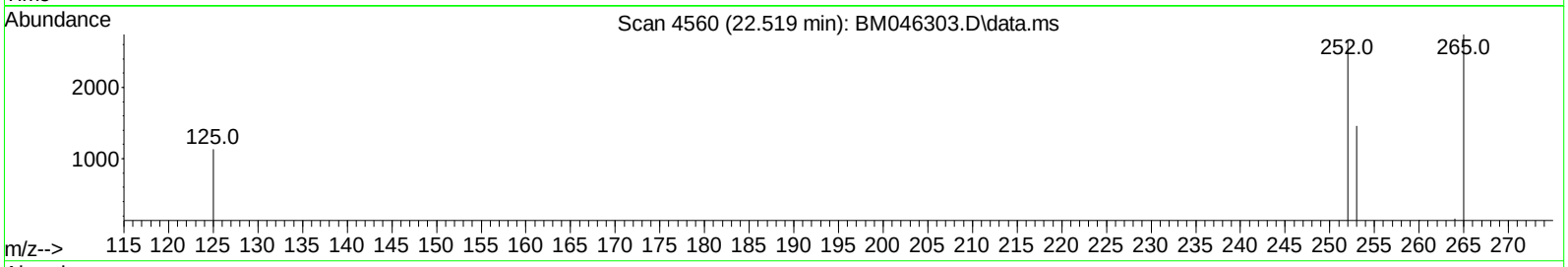
Quant Time: Jun 26 00:01:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

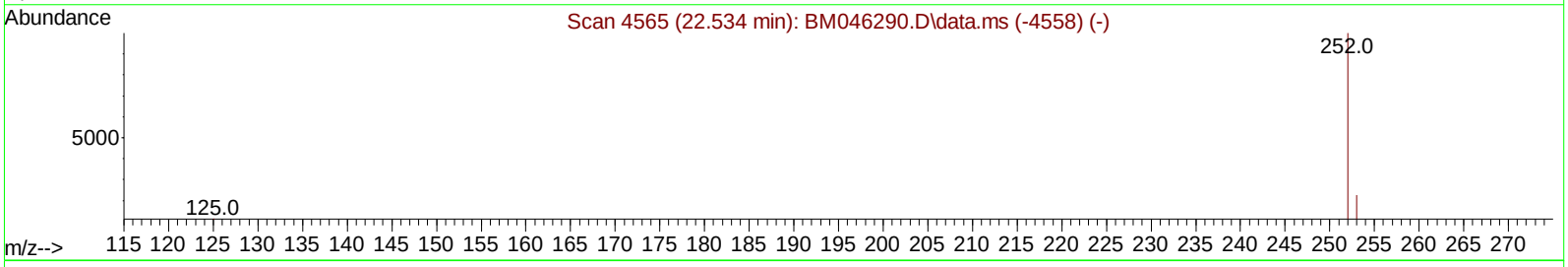
**Instrument :**
BNA_M
**ClientSampleId :**
A4C83DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024




TIC: BM046303.D\data.ms

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

**22.519min (-0.017) 0.09 ng/ul m**

**response 3332**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 34.00 | 55.22# |
| 125.00 | 20.80 | 42.92# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046303.D
Acq On : 25 Jun 2024 22:11
Operator : MA/JU
Sample : P2844-05DL 5X
Misc :
ALS Vial : 63 Sample Multiplier: 1

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**Instrument :**
BNA_M
**ClientSampleId :**
A4C83DL

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 06/26/2024
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.401 | 152 | 2756 | 0.400 | ng/ul | -0.05 |
| 4) Naphthalene-d8 | 10.189 | 136 | 8180 | 0.400 | ng/ul | -0.07 |
| 9) Acenaphthene-d10 | 14.054 | 164 | 4608 | 0.400 | ng/ul | -0.04 |
| 13) Phenanthrene-d10 | 16.808 | 188 | 9141 | 0.400 | ng/ul | -0.05 |
| 17) Chrysene-d12 | 21.012 | 240 | 7548 | 0.400 | ng/ul | -0.01 |
| 23) Perylene-d12 | 23.092 | 264 | 8560m | 0.400 | ng/ul | -0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.025 | 96 | 2453 | 0.649 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.828 | 152 | 531 | 0.048 | ng/ul | -0.04 |
| 18) Fluoranthene-d10 | 18.840 | 212 | 1225 | 0.054 | ng/ul | -0.03 |
| Target Compounds | | | | | | Qvalue |
| 10) Acenaphthylene | 13.771 | 152 | 676 | 0.031 | ng/ul# | 54 |
| 15) Phenanthrene | 16.846 | 178 | 3830 | 0.149 | ng/ul | 95 |
| 16) Anthracene | 16.939 | 178 | 821 | 0.043 | ng/ul# | 63 |
| 19) Fluoranthene | 18.868 | 202 | 10755 | 0.329 | ng/ul | 100 |
| 20) Pyrene | 19.225 | 202 | 9490 | 0.269 | ng/ul# | 94 |
| 21) Benzo(a)anthracene | 20.994 | 228 | 4326 | 0.148 | ng/ul# | 87 |
| 22) Chrysene | 21.047 | 228 | 4831 | 0.130 | ng/ul# | 91 |
| 24) Benzo(b)fluoranthene | 22.481 | 252 | 7415m | 0.240 | ng/ul | |
| 25) Benzo(k)fluoranthene | 22.519 | 252 | 3332m | 0.091 | ng/ul | |
| 26) Benzo(a)pyrene | 22.999 | 252 | 4737 | 0.166 | ng/ul# | 73 |
| 27) Indeno(1,2,3-cd)pyrene | 25.145 | 276 | 3916 | 0.084 | ng/ul# | 49 |
| 28) Dibenzo(a,h)anthracene | 25.152 | 278 | 743 | 0.021 | ng/ul# | 1 |
| 29) Benzo(g,h,i)perylene | 25.762 | 276 | 4049 | 0.101 | ng/ul# | 75 |

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

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