Quantitation Report (Qedit)

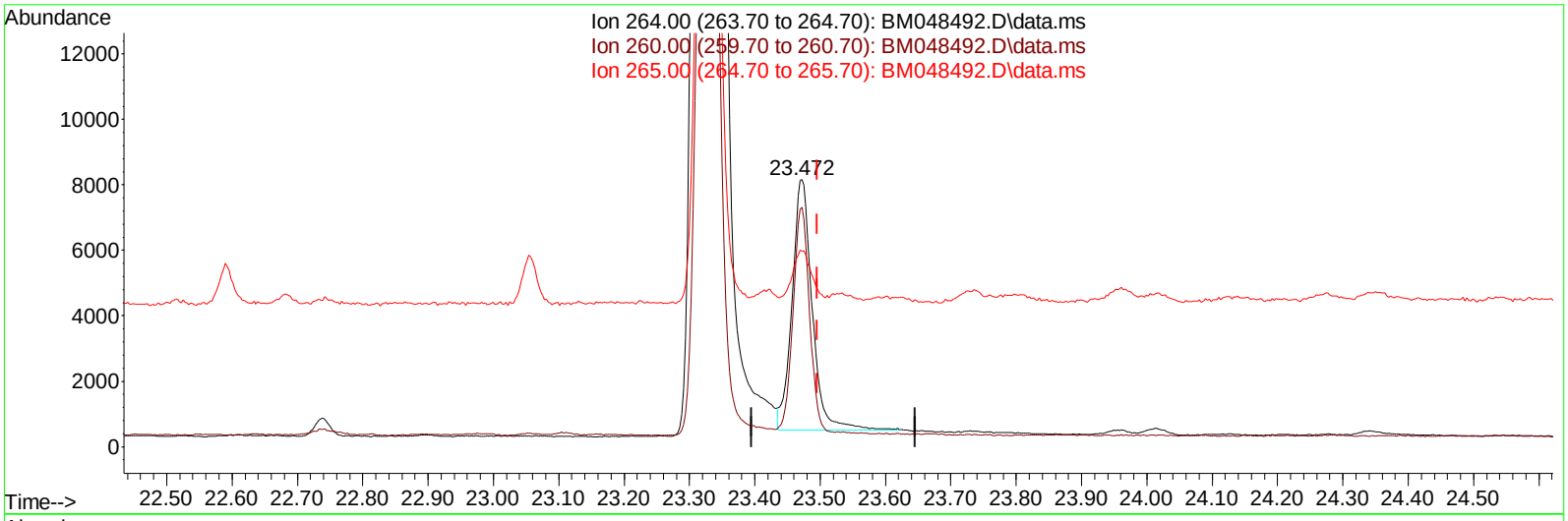
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048492.D
Acq On : 07 Nov 2024 00:48
Operator : RC/JU
Sample : P4634-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

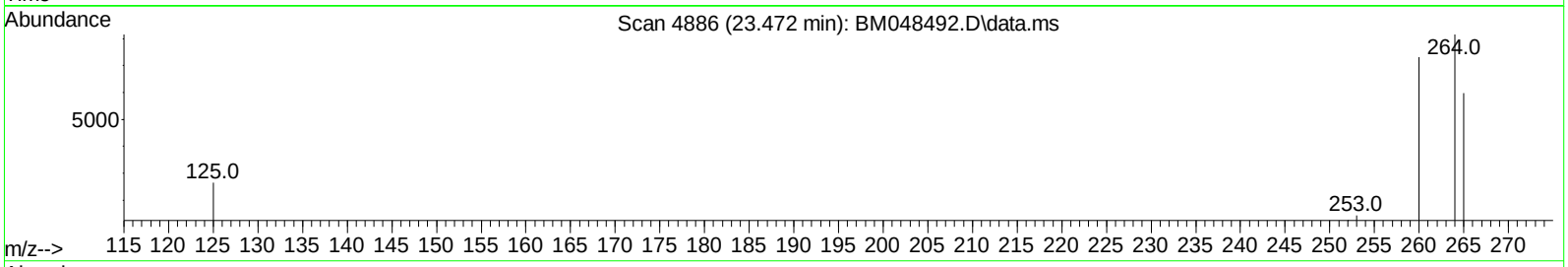
Quant Time: Nov 07 01:20:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:39:10 2024
Response via : Initial Calibration

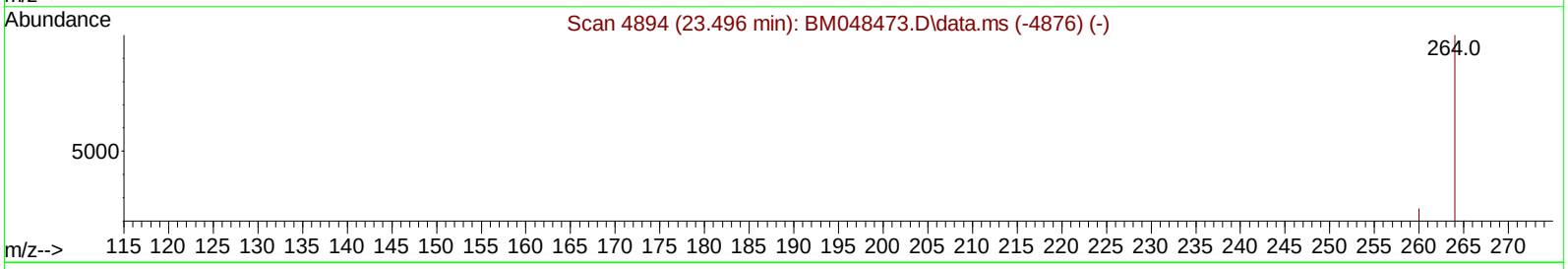
**Instrument :**
BNA_M
**ClientSampleId :**
CC0P9

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024




TIC: BM048492.D\data.ms

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

**23.472min (-0.023) 0.40 ng/ul**

**response 16329**

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.30 | 89.65# |
| 265.00 | 119.80 | 73.23# |
| 0.00 | 0.00 | 0.00 |

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**ClientSampleId :**
CC0P9

**Manual IntegrationsAPPROVED**

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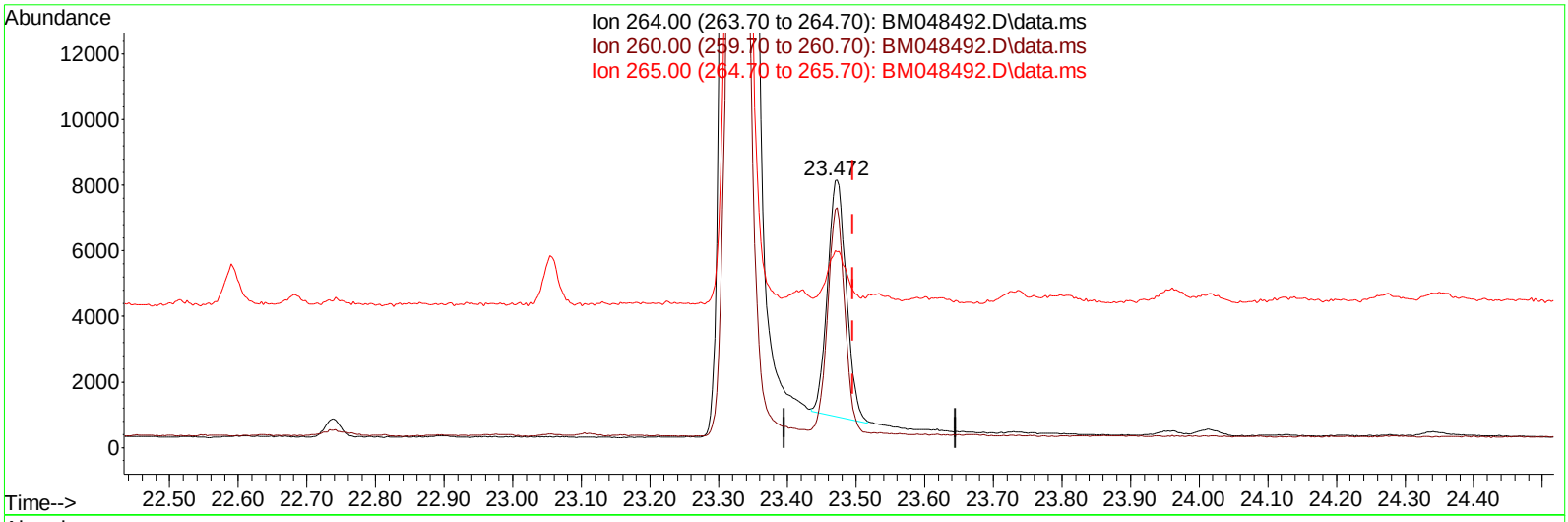
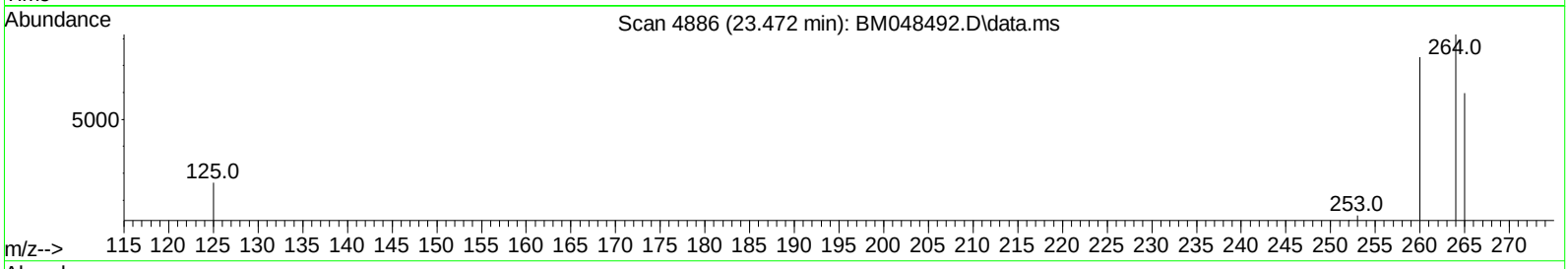
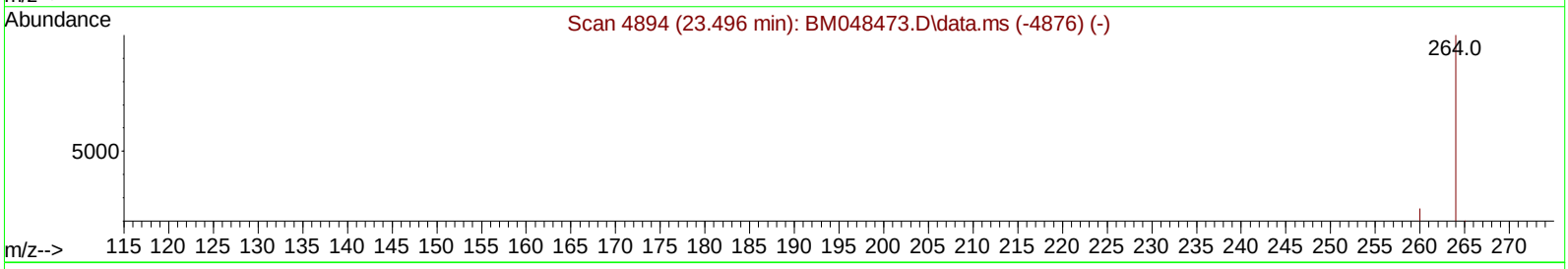
Supervised By :mohammad ahmed 11/11/2024




TIC: BM048492.D\data.ms

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

**23.472min (-0.023) 0.40 ng/ul m**

**response 13719**

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.30 | 89.65# |
| 265.00 | 119.80 | 73.23# |
| 0.00 | 0.00 | 0.00 |

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QLast Update : Wed Nov 06 14:39:10 2024
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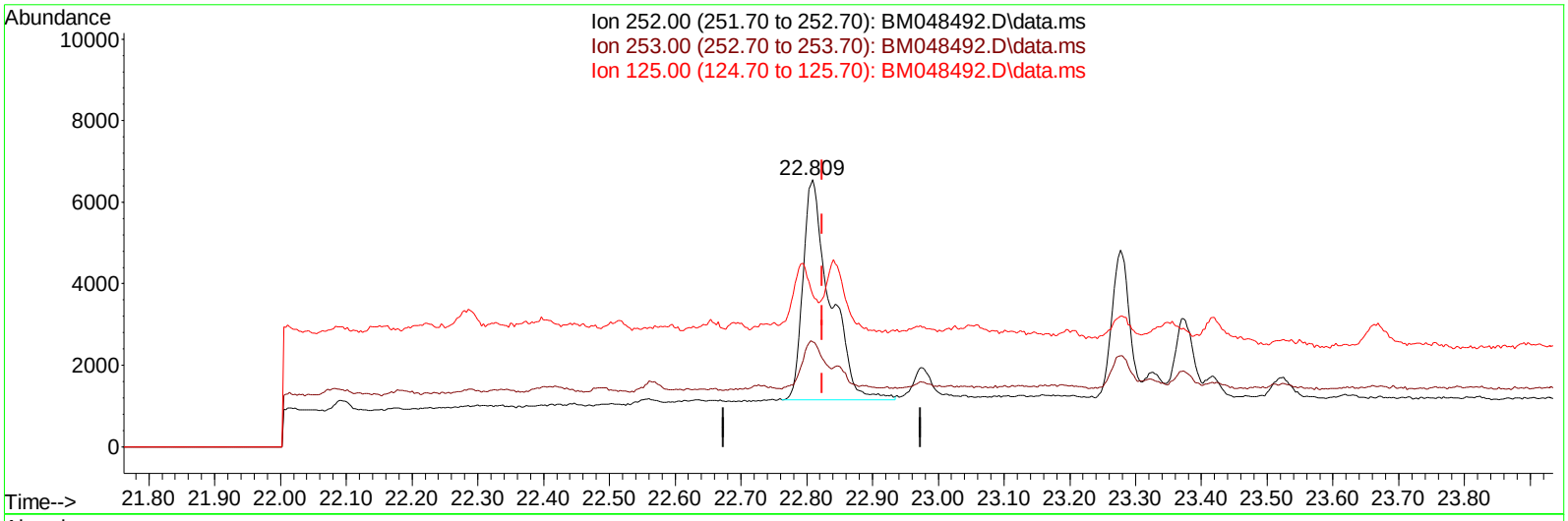
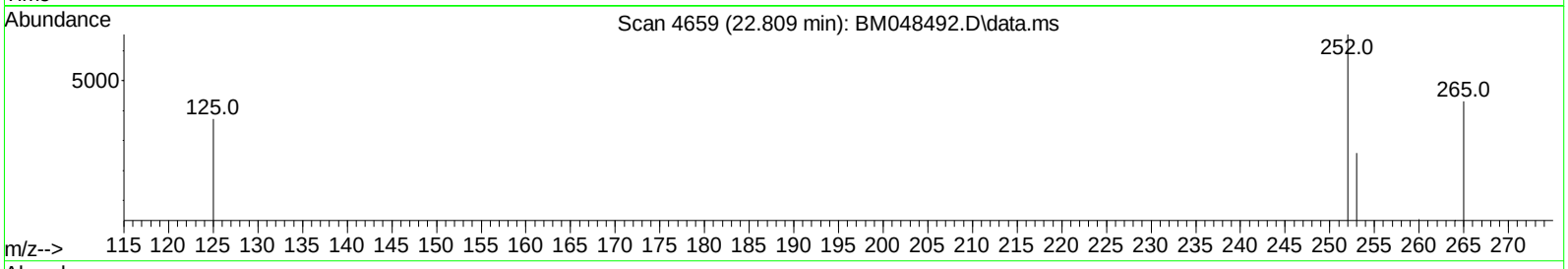
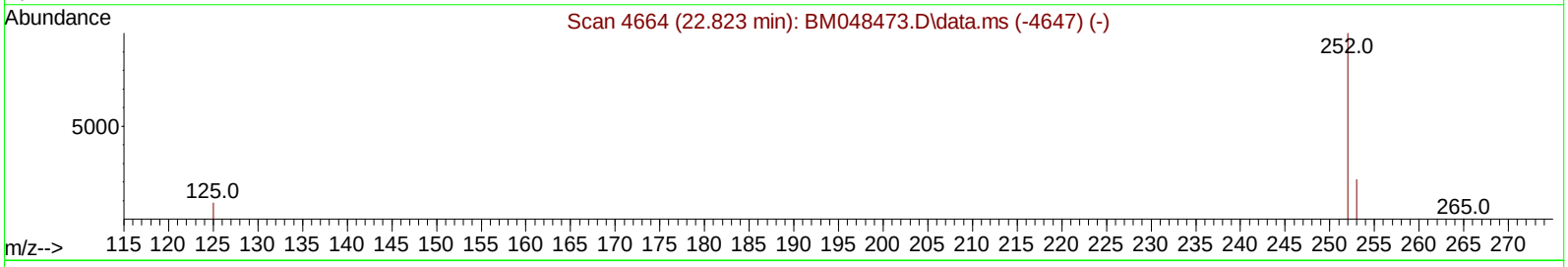
**Instrument :**
BNA_M
**ClientSampleId :**
CC0P9

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024




TIC: BM048492.D\data.ms

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

**22.809min (-0.015) 0.36 ng/ul**

**response 15594**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 30.80 | 39.37 |
| 125.00 | 21.60 | 56.84# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Data File : BM048492.D
Acq On : 07 Nov 2024 00:48
Operator : RC/JU
Sample : P4634-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 07 01:20:51 2024
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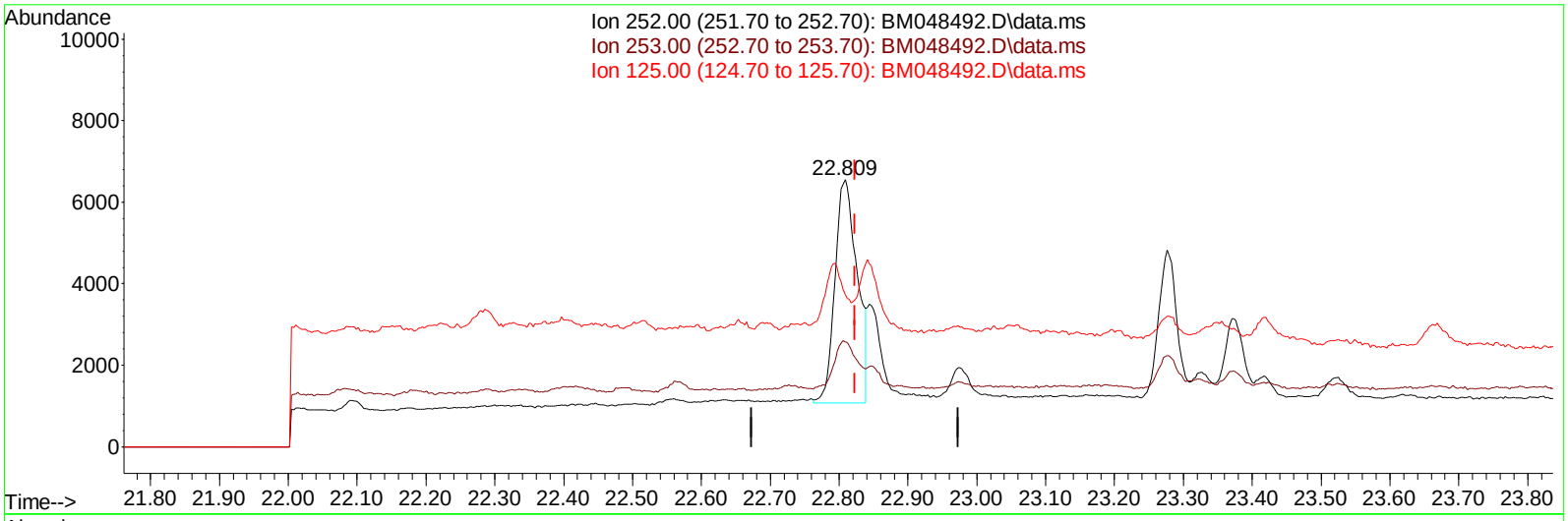
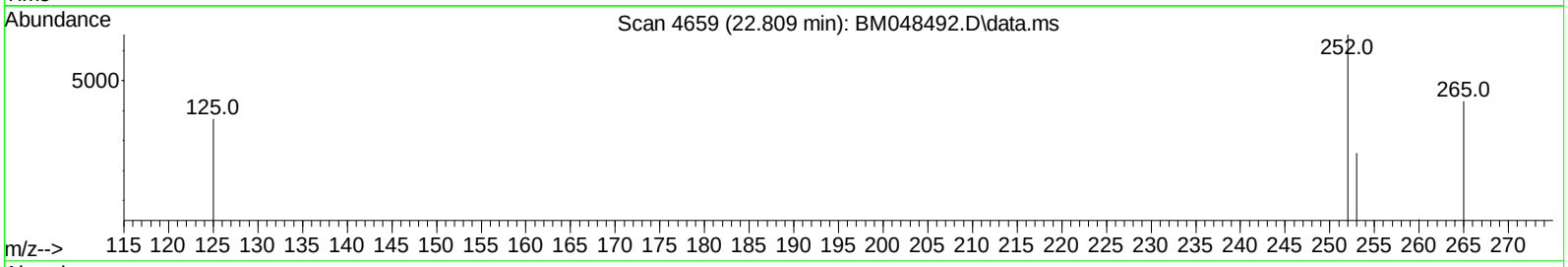
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:39:10 2024
Response via : Initial Calibration

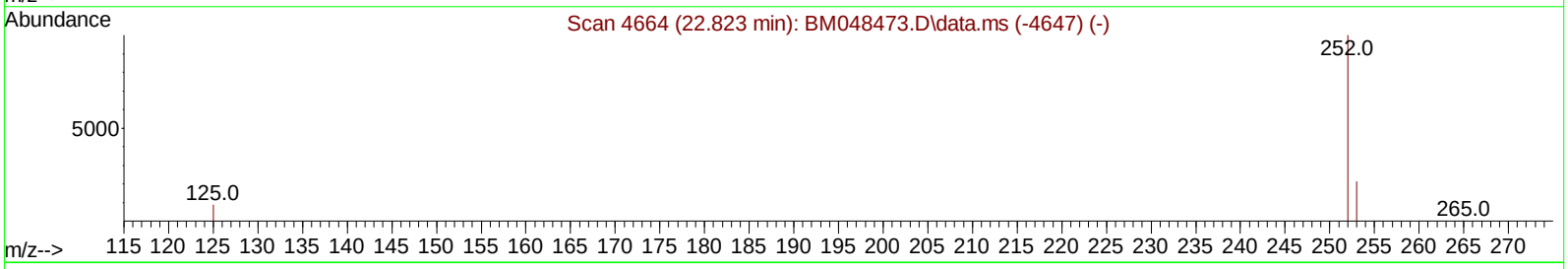
**Instrument :**
BNA_M
**ClientSampleId :**
CC0P9

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024




TIC: BM048492.D\data.ms

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

**22.809min (-0.015) 0.29 ng/ul m**

**response 12260**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 30.80 | 39.37 |
| 125.00 | 21.60 | 56.84# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

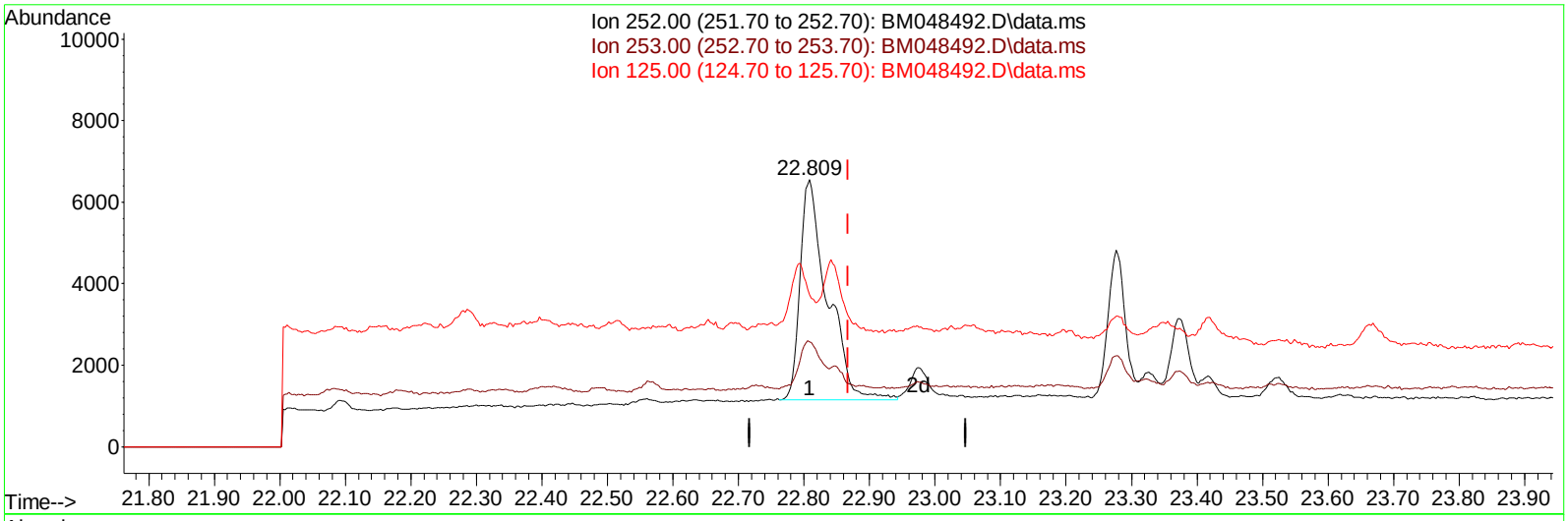
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048492.D
Acq On : 07 Nov 2024 00:48
Operator : RC/JU
Sample : P4634-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

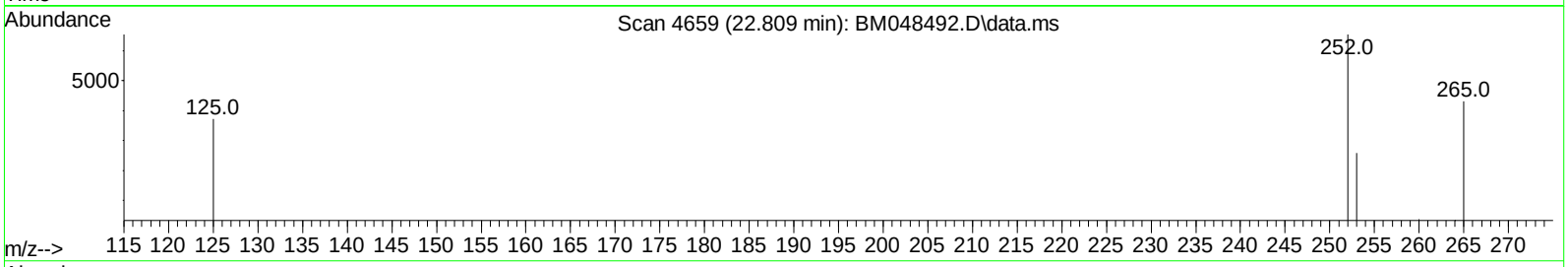
Quant Time: Nov 07 01:20:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:39:10 2024
Response via : Initial Calibration

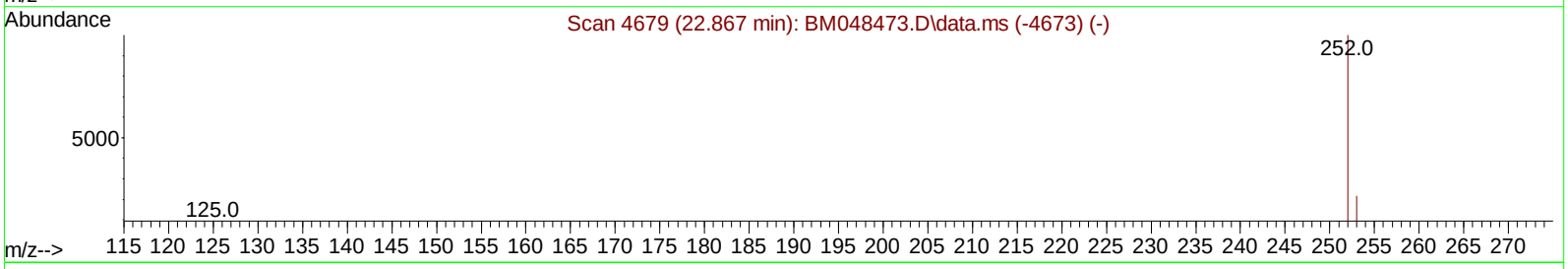
**Instrument :**
BNA_M
**ClientSampleId :**
CC0P9

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024




TIC: BM048492.D\data.ms

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

**22.809min (-0.059) 0.31 ng/ul**

**response 15640**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 31.20 | 39.37# |
| 125.00 | 21.70 | 56.84# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Acq On : 07 Nov 2024 00:48
Operator : RC/JU
Sample : P4634-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 07 01:20:51 2024
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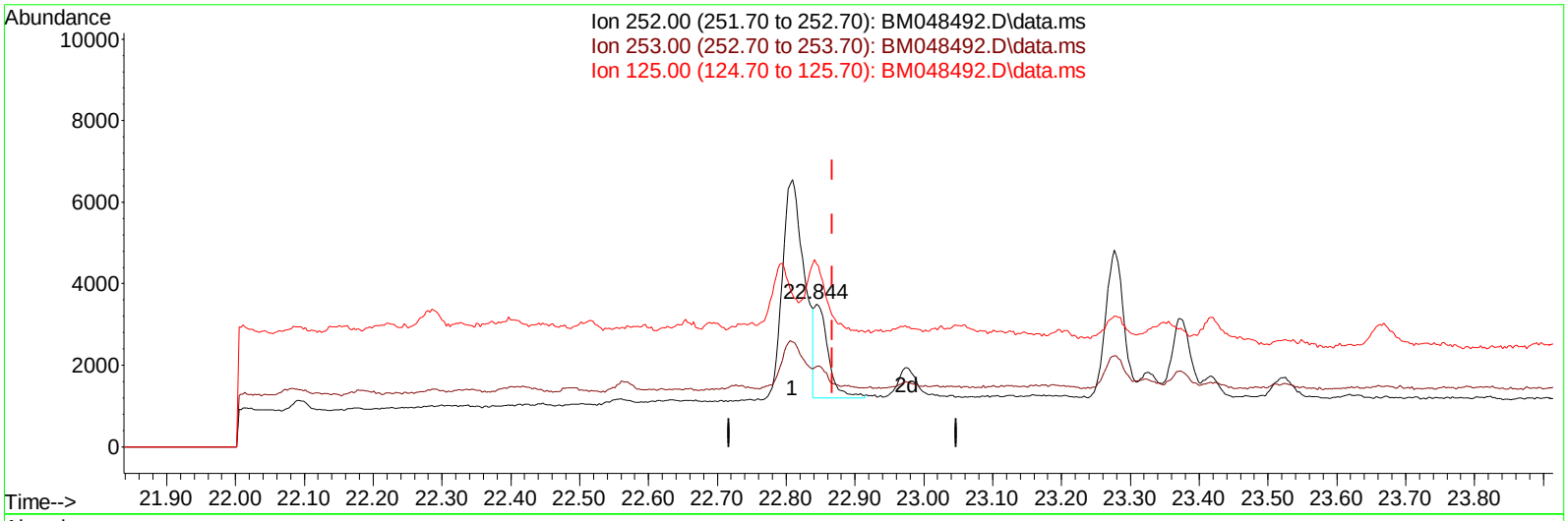
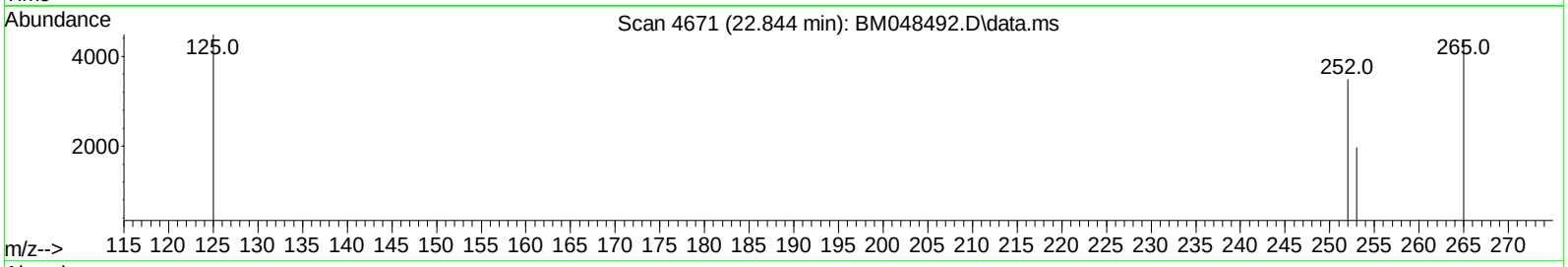
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:39:10 2024
Response via : Initial Calibration

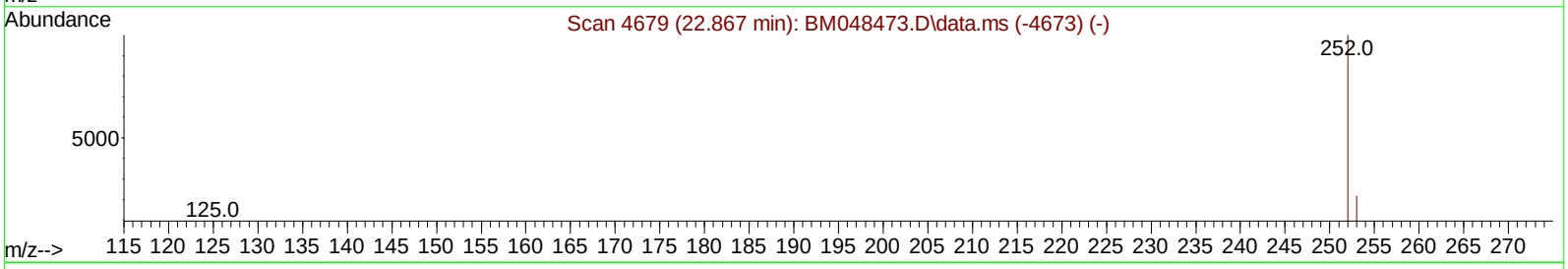
**Instrument :**
BNA_M
**ClientSampleId :**
CC0P9

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024




TIC: BM048492.D\data.ms

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

**22.844min (-0.023) 0.07 ng/ul m**

**response 3295**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 31.20 | 56.36# |
| 125.00 | 21.70 | 128.40# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048492.D
Acq On : 07 Nov 2024 00:48
Operator : RC/JU
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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**Instrument :**
BNA_M
**ClientSampleId :**
CC0P9

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.674 | 152 | 4766 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.462 | 136 | 14960 | 0.400 | ng/ul | -0.01 |
| 9) Acenaphthene-d10 | 14.320 | 164 | 7965 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.064 | 188 | 15516 | 0.400 | ng/ul | -0.02 |
| 17) Chrysene-d12 | 21.251 | 240 | 13248 | 0.400 | ng/ul | #-0.01 |
| 23) Perylene-d12 | 23.472 | 264 | 13719m | 0.400 | ng/ul | -0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.134 | 96 | 9710 | 1.689 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.063 | 152 | 2251 | 0.116 | ng/ul | -0.01 |
| 18) Fluoranthene-d10 | 19.098 | 212 | 5199 | 0.140 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.506 | 128 | 3146 | 0.084 | ng/ul# | 91 |
| 7) 2-Methylnaphthalene | 12.134 | 142 | 849 | 0.036 | ng/ul | 88 |
| 8) 1-Methylnaphthalene | 12.354 | 142 | 1020 | 0.042 | ng/ul | 97 |
| 10) Acenaphthylene | 14.038 | 152 | 1033 | 0.034 | ng/ul# | 71 |
| 14) Pentachlorophenol | 16.730 | 266 | 118 | 0.021 | ng/ul | 99 |
| 15) Phenanthrene | 17.106 | 178 | 6525 | 0.160 | ng/ul | 96 |
| 16) Anthracene | 17.199 | 178 | 1307 | 0.034 | ng/ul# | 69 |
| 19) Fluoranthene | 19.126 | 202 | 7189 | 0.147 | ng/ul# | 88 |
| 20) Pyrene | 19.489 | 202 | 7411 | 0.139 | ng/ul# | 90 |
| 21) Benzo(a)anthracene | 21.234 | 228 | 5433 | 0.125 | ng/ul# | 77 |
| 22) Chrysene | 21.286 | 228 | 10044 | 0.193 | ng/ul# | 84 |
| 24) Benzo(b)fluoranthene | 22.809 | 252 | 12260m | 0.287 | ng/ul | |
| 25) Benzo(k)fluoranthene | 22.844 | 252 | 3295m | 0.066 | ng/ul | |
| 26) Benzo(a)pyrene | 23.370 | 252 | 2718 | 0.065 | ng/ul# | 29 |
| 27) Indeno(1,2,3-cd)pyrene | 25.719 | 276 | 4668 | 0.080 | ng/ul# | 82 |
| 28) Dibenzo(a,h)anthracene | 25.722 | 278 | 2478 | 0.055 | ng/ul# | 1 |
| 29) Benzo(g,h,i)perylene | 26.403 | 276 | 5445 | 0.111 | ng/ul# | 67 |

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

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