Quantitation Report (Qedit)

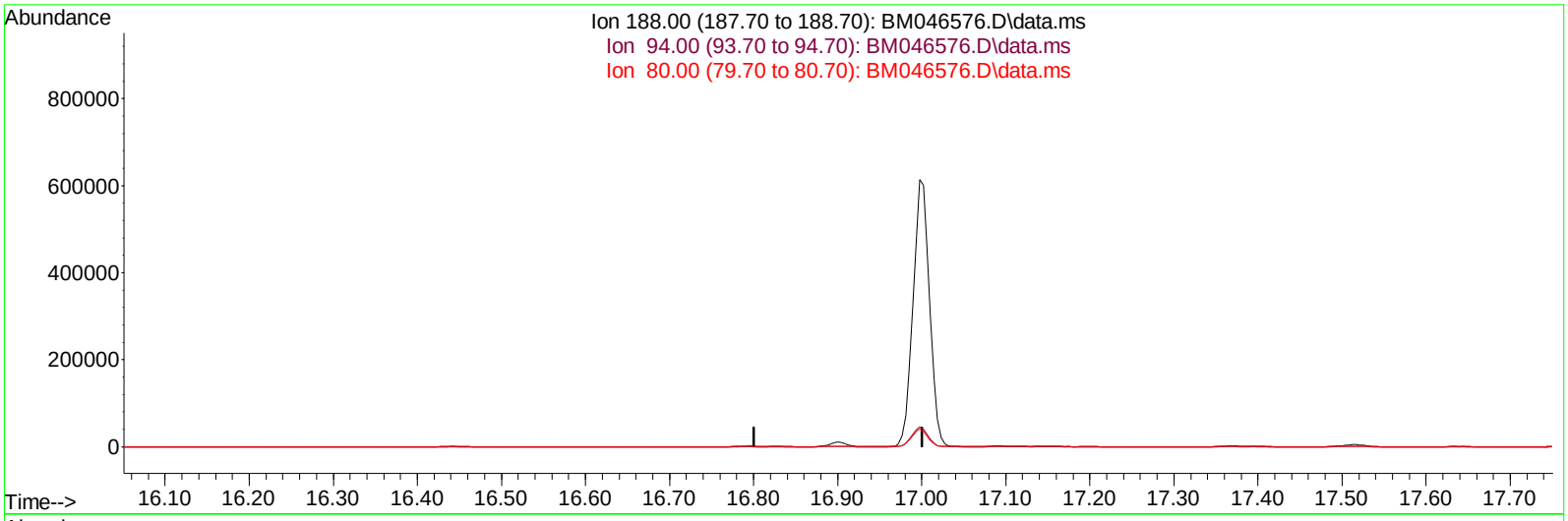
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046576.D
Acq On : 13 Jul 2024 10:49
Operator : MA/JU
Sample : P3088-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

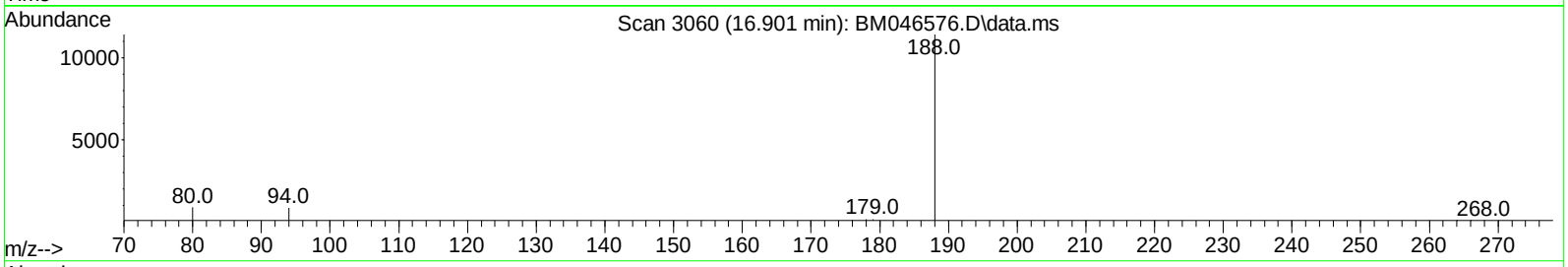
Quant Time: Jul 15 09:00:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

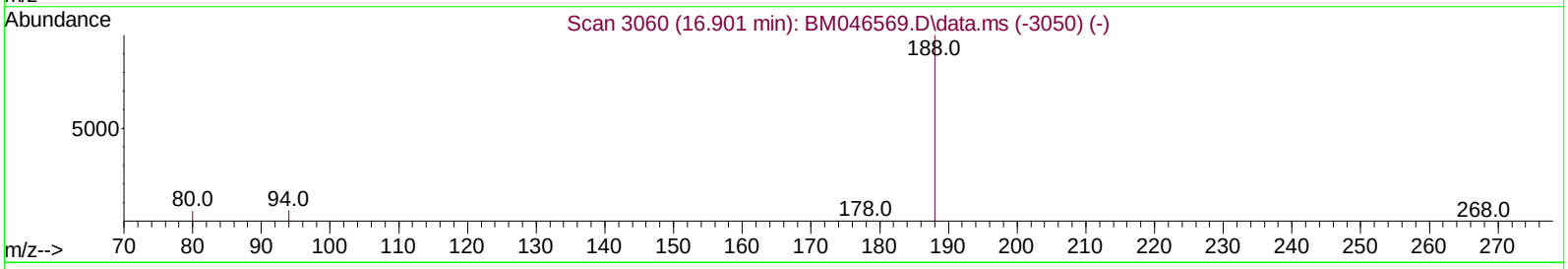
**Instrument :**
BNA_M
**ClientSampleId :**
A4CY4

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024




TIC: BM046576.D\data.ms

**(13) Phenanthrene-d10 (I)**

**16.901min (-16.901) 0.00 ng/ul**

**response 0**

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100.00 | 0.00 |
| 94.00 | 6.40 | 0.00# |
| 80.00 | 6.60 | 0.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

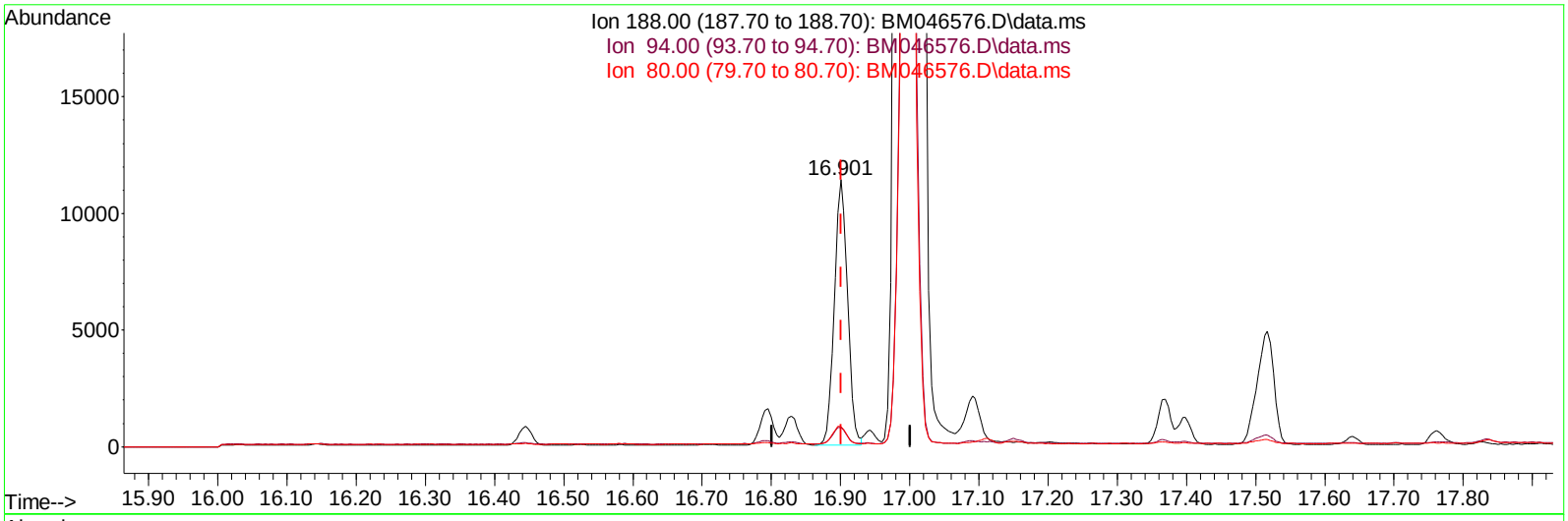
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046576.D
Acq On : 13 Jul 2024 10:49
Operator : MA/JU
Sample : P3088-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

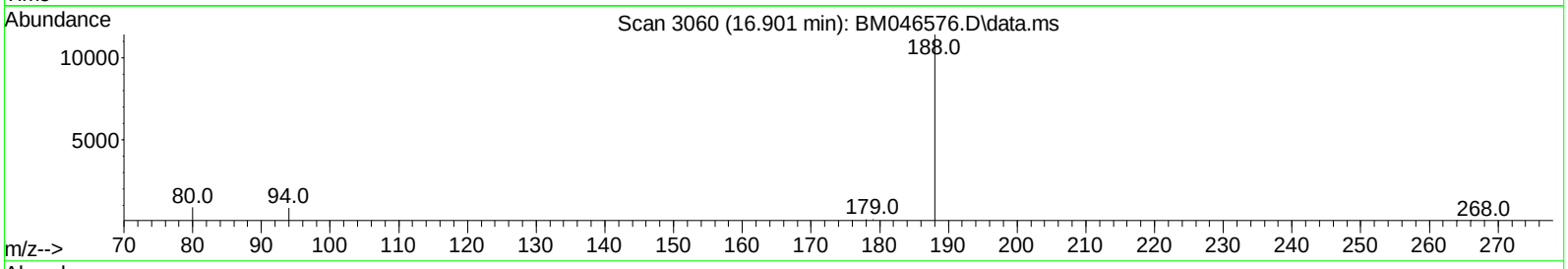
Quant Time: Jul 15 09:00:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

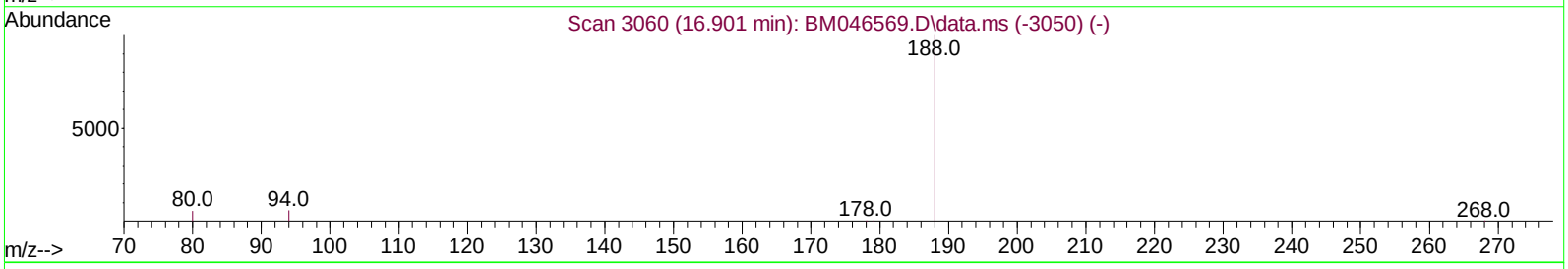
**Instrument :**
BNA_M
**ClientSampleId :**
A4CY4

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024




TIC: BM046576.D\data.ms

**(13) Phenanthrene-d10 (I)**

**16.901min (-0.000) 0.40 ng/ul m**

**response 15216**

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100.00 | 100.00 |
| 94.00 | 6.40 | 7.31 |
| 80.00 | 6.60 | 7.57 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046576.D
Acq On : 13 Jul 2024 10:49
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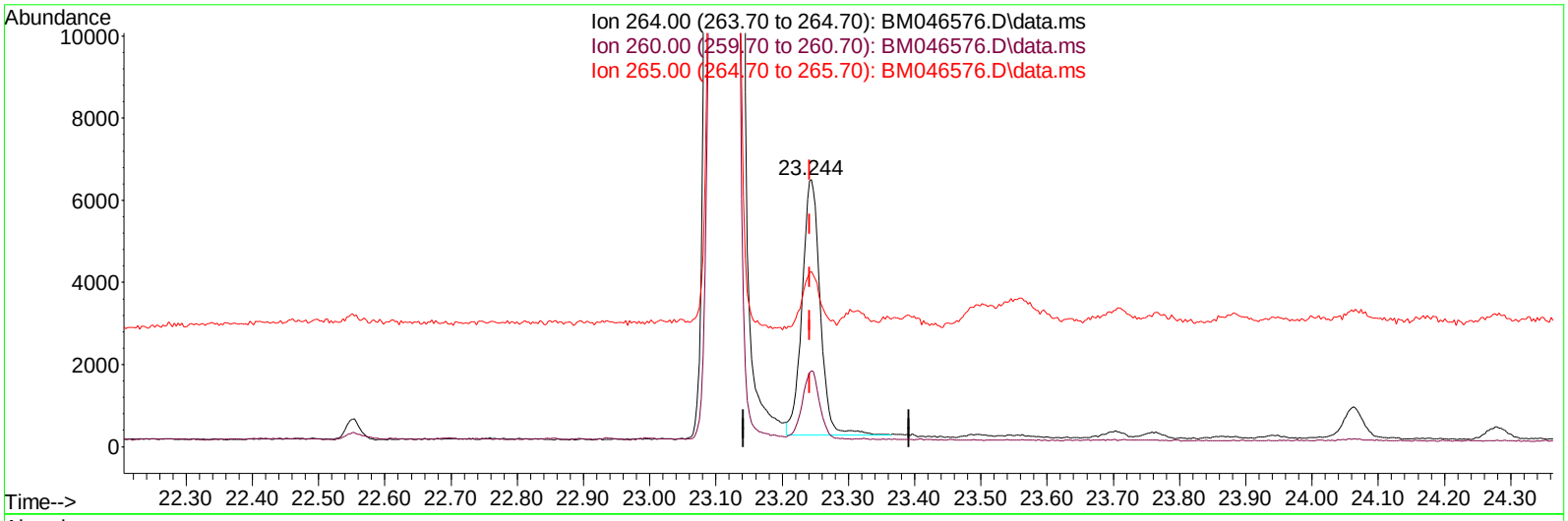
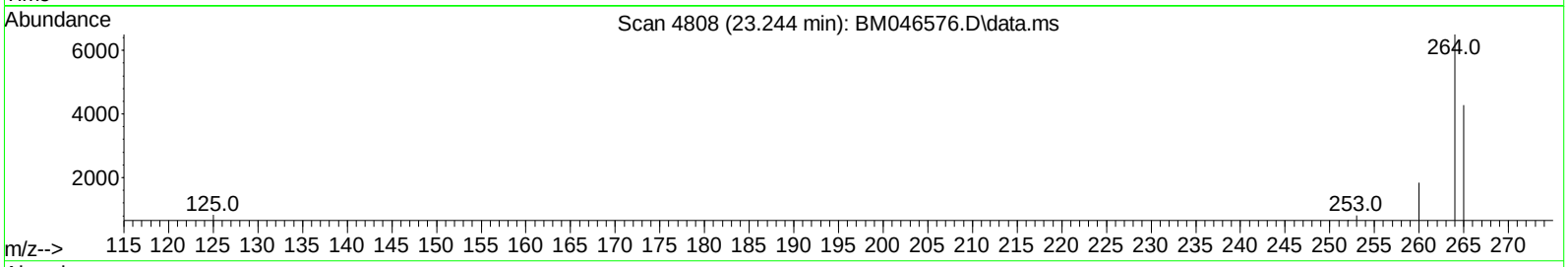
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

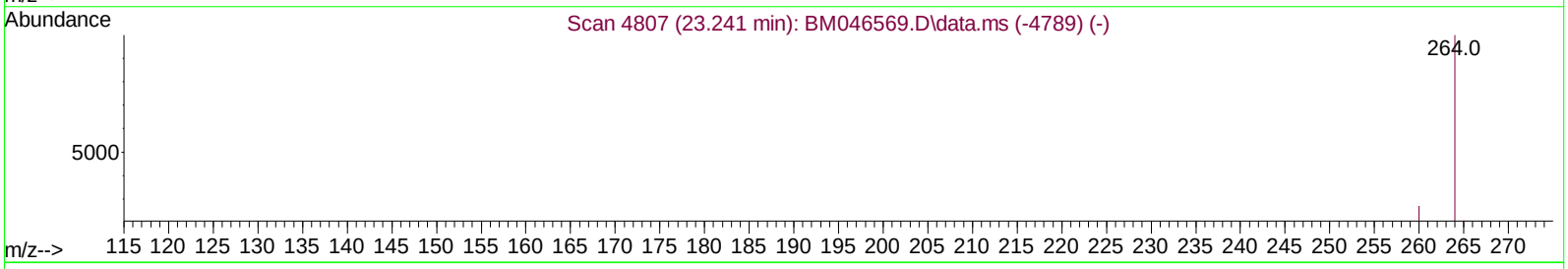
**Instrument :**
BNA_M
**ClientSampleId :**
A4CY4

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024




TIC: BM046576.D\data.ms

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

**23.244min (+ 0.003) 0.40 ng/ul**

**response 11851**

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.80 | 28.31 |
| 265.00 | 88.90 | 65.72# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

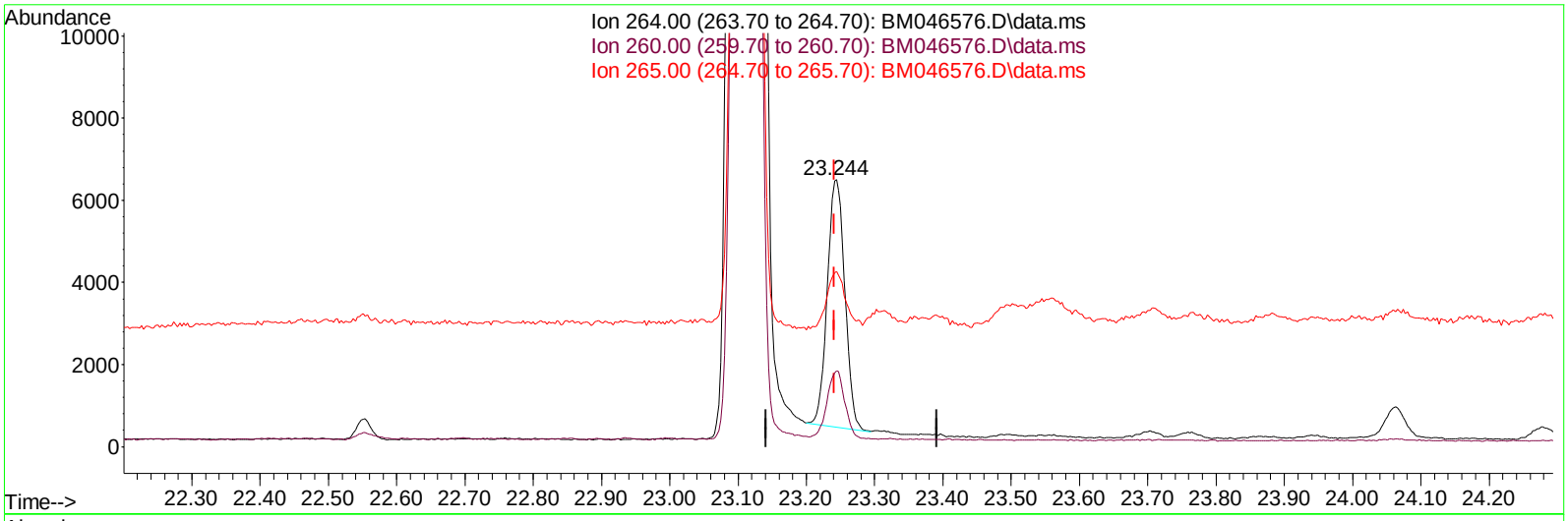
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046576.D
Acq On : 13 Jul 2024 10:49
Operator : MA/JU
Sample : P3088-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

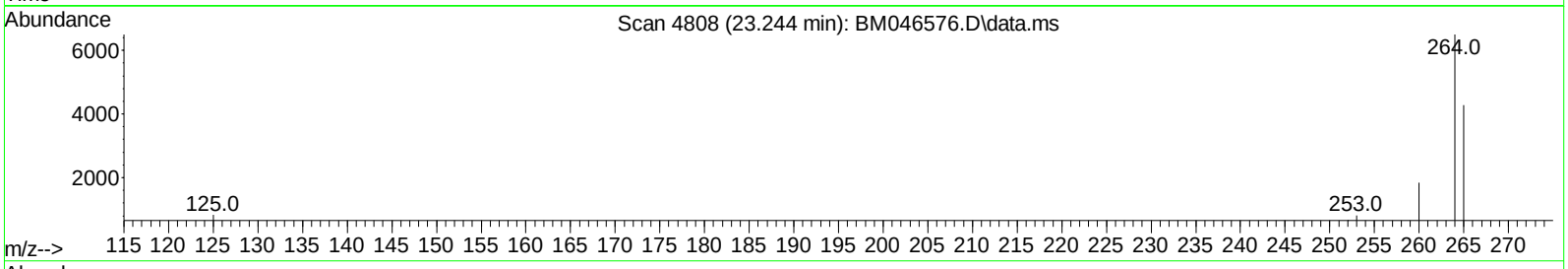
Quant Time: Jul 15 09:00:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

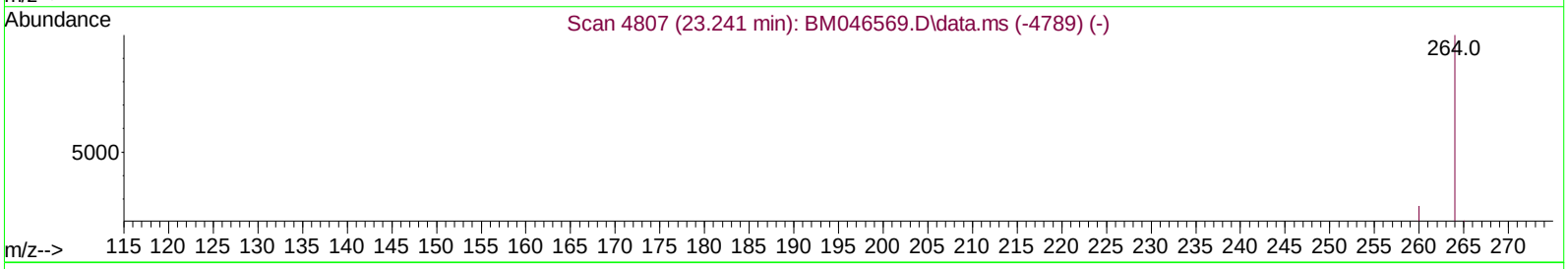
**Instrument :**
BNA_M
**ClientSampleId :**
A4CY4

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024




TIC: BM046576.D\data.ms

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

**23.244min (+ 0.003) 0.40 ng/ul m**

**response 10744**

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.80 | 28.31 |
| 265.00 | 88.90 | 65.72# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
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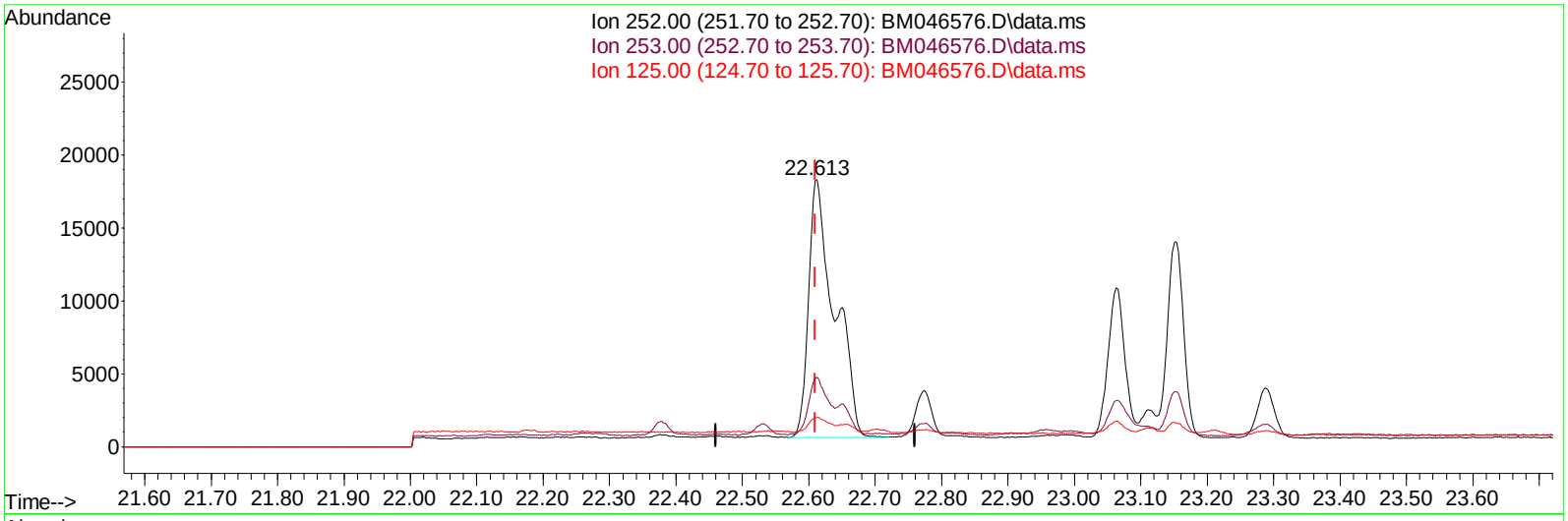
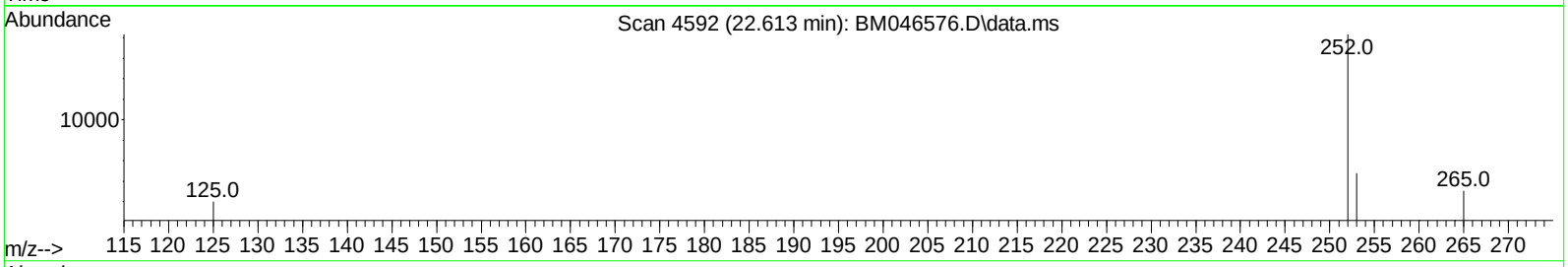
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

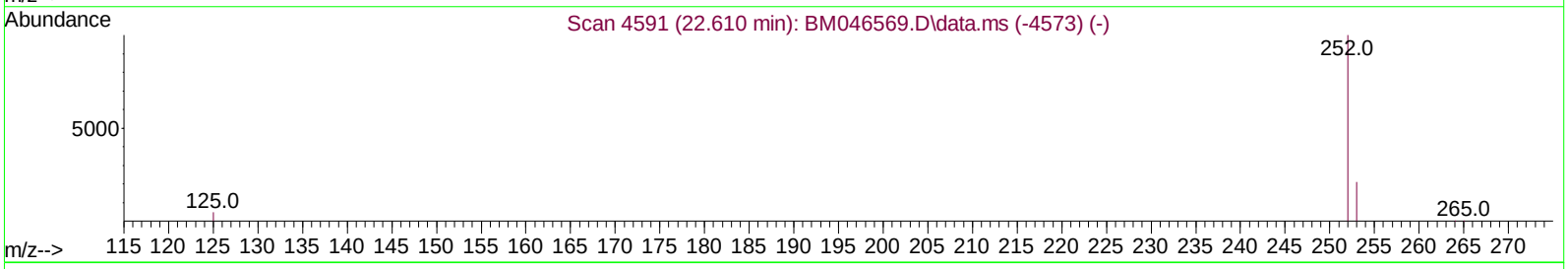
**Instrument :**
BNA_M
**ClientSampleId :**
A4CY4

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024




TIC: BM046576.D\data.ms

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

**22.613min (+ 0.003) 1.12 ng/ul**

**response 48269**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.10 | 26.01 |
| 125.00 | 8.90 | 11.06 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

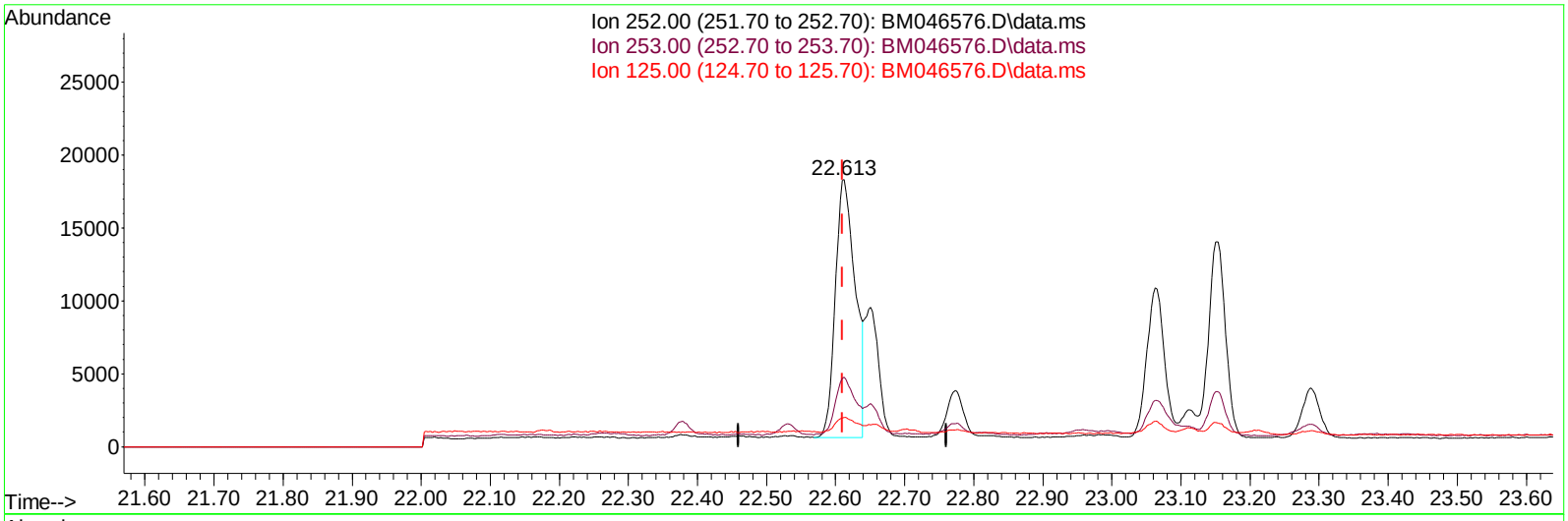
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046576.D
Acq On : 13 Jul 2024 10:49
Operator : MA/JU
Sample : P3088-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

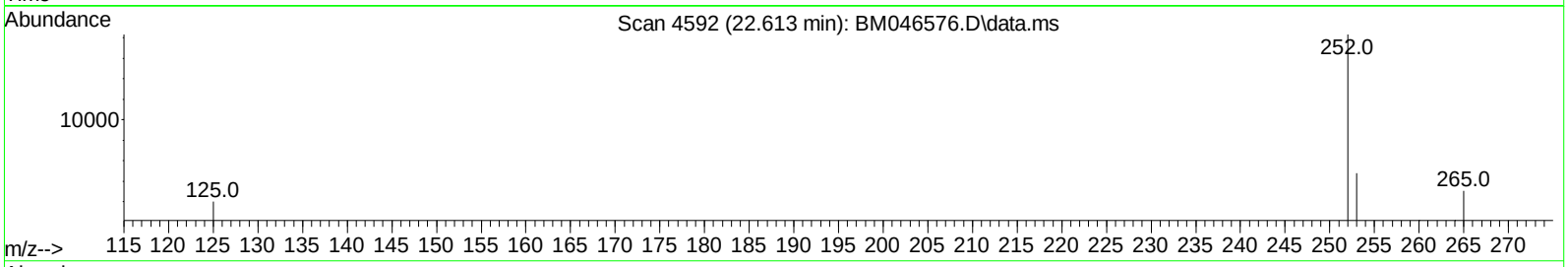
Quant Time: Jul 15 09:00:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

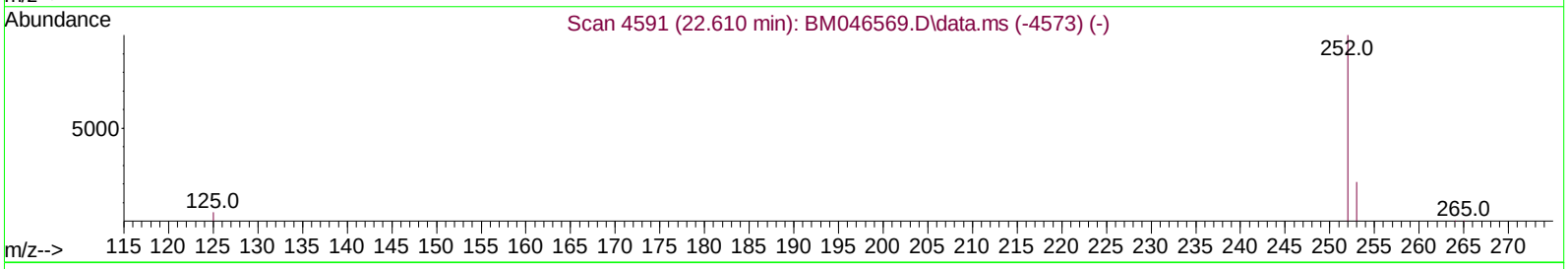
**Instrument :**
BNA_M
**ClientSampleId :**
A4CY4

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024




TIC: BM046576.D\data.ms

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

**22.613min (+ 0.003) 0.83 ng/ul m**

**response 35571**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.10 | 26.01 |
| 125.00 | 8.90 | 11.06 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

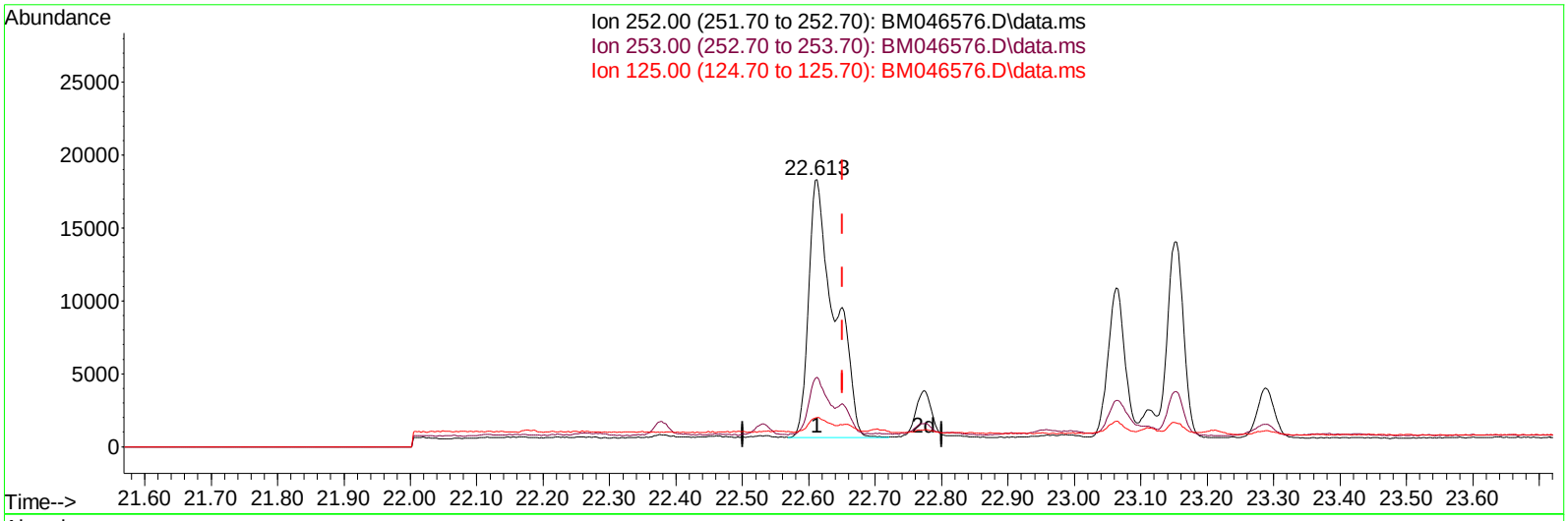
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046576.D
Acq On : 13 Jul 2024 10:49
Operator : MA/JU
Sample : P3088-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

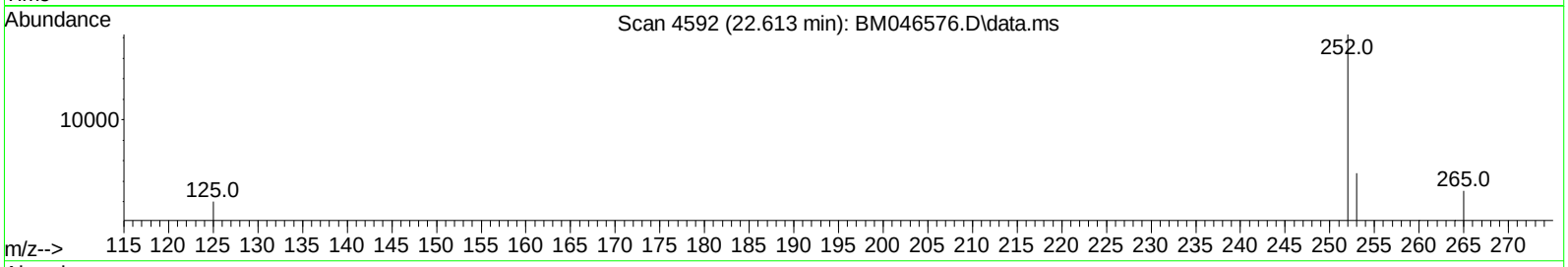
Quant Time: Jul 15 09:00:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

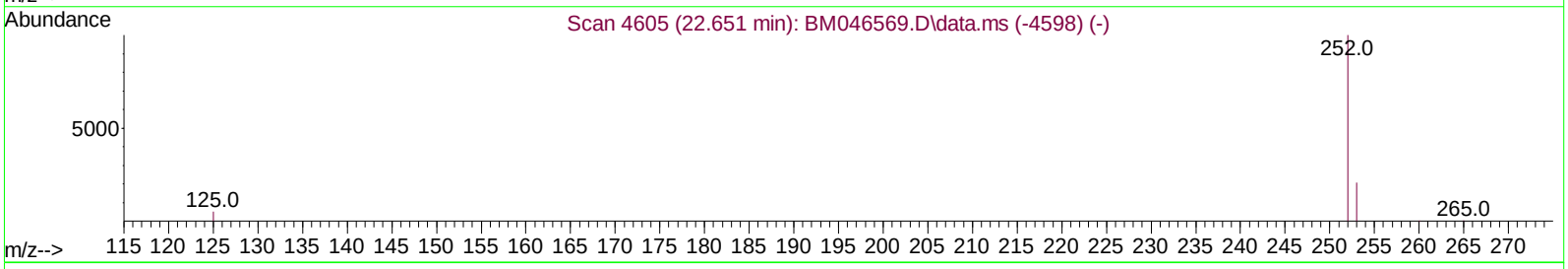
**Instrument :**
BNA_M
**ClientSampleId :**
A4CY4

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024




TIC: BM046576.D\data.ms

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

**22.613min (-0.038) 1.15 ng/ul**

**response 48269**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.00 | 26.01 |
| 125.00 | 8.70 | 11.06# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046576.D
Acq On : 13 Jul 2024 10:49
Operator : MA/JU
Sample : P3088-12
Misc :
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QLast Update : Mon Jul 15 08:57:27 2024
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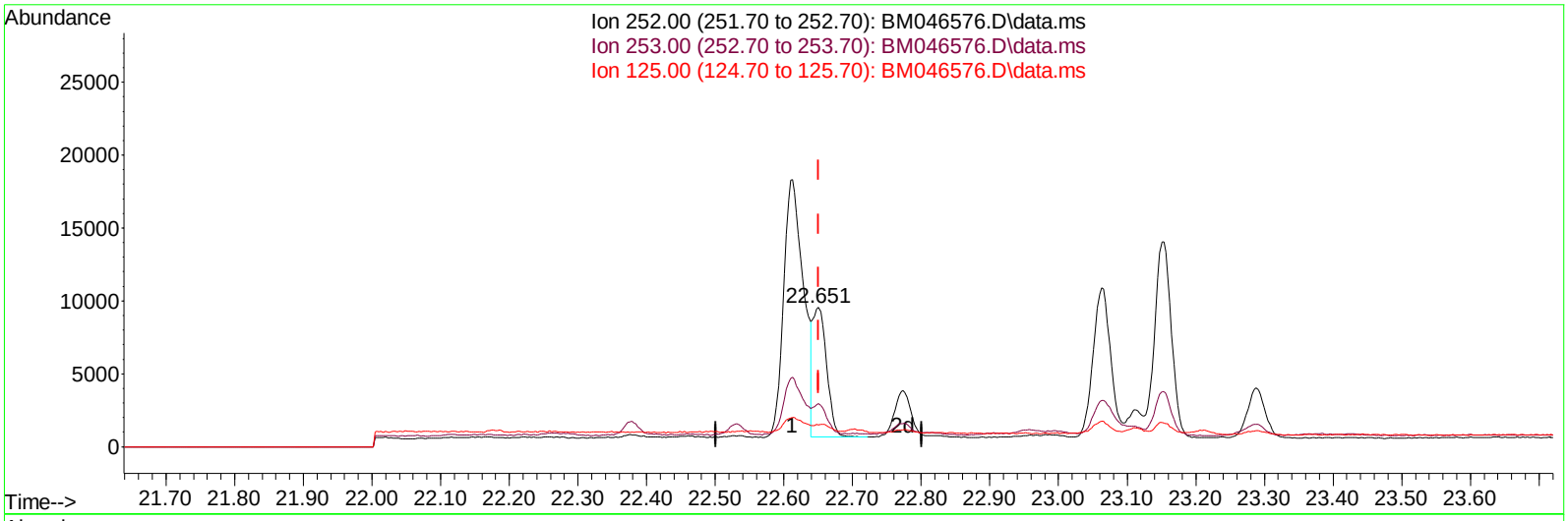
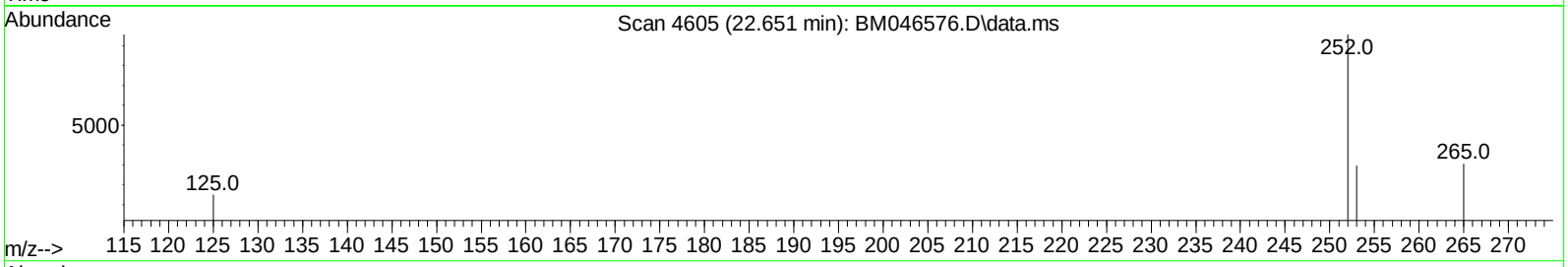
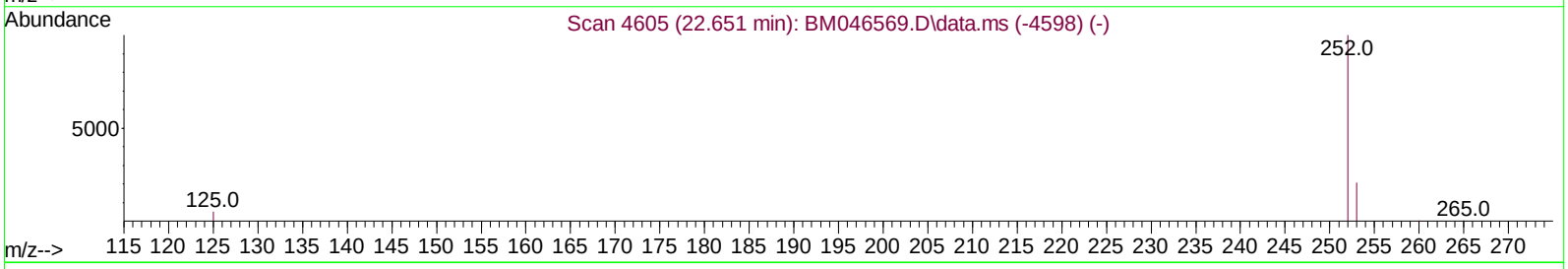
**Instrument :**
BNA_M
**ClientSampleId :**
A4CY4

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024




TIC: BM046576.D\data.ms

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

**22.651min (-0.000) 0.30 ng/ul m**

**response 12618**

| Ion | Exp% | Act% |
|---|---|---|
| 252.00 | 100.00 | 100.00 |
| 253.00 | 28.00 | 30.90 |
| 125.00 | 8.70 | 15.51# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046576.D
Acq On : 13 Jul 2024 10:49
Operator : MA/JU
Sample : P3088-12
Misc :
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**Instrument :**
BNA_M
**ClientSampleId :**
A4CY4

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.506 | 152 | 4192 | 0.400 | ng/ul | | 0.00 |
| 4) Naphthalene-d8 | 10.266 | 136 | 11447 | 0.400 | ng/ul | # | 0.00 |
| 9) Acenaphthene-d10 | 14.150 | 164 | 6990 | 0.400 | ng/ul | | 0.00 |
| 13) Phenanthrene-d10 | 16.901 | 188 | 15216m | 0.400 | ng/ul | | 0.00 |
| 17) Chrysene-d12 | 21.105 | 240 | 10947 | 0.400 | ng/ul | # | 0.00 |
| 23) Perylene-d12 | 23.244 | 264 | 10744m | 0.400 | ng/ul | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.117 | 96 | 10692 | 3.104 | ng/ul | | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.866 | 152 | 4226 | 0.229 | ng/ul | | 0.00 |
| 18) Fluoranthene-d10 | 18.937 | 212 | 9570 | 0.287 | ng/ul | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 5) Naphthalene | 10.315 | 128 | 2477 | 0.085 | ng/ul | | 97 |
| 7) 2-Methylnaphthalene | 11.943 | 142 | 692 | 0.034 | ng/ul | | 94 |
| 8) 1-Methylnaphthalene | 12.163 | 142 | 494 | 0.024 | ng/ul | | 91 |
| 10) Acenaphthylene | 13.864 | 152 | 4386 | 0.138 | ng/ul | | 98 |
| 11) Acenaphthene | 14.211 | 153 | 1798 | 0.084 | ng/ul | | 97 |
| 12) Fluorene | 15.205 | 166 | 2504 | 0.095 | ng/ul | | 91 |
| 14) Pentachlorophenol | 16.554 | 266 | 163 | 0.021 | ng/ul | | 95 |
| 15) Phenanthrene | 16.943 | 178 | 33220 | 0.765 | ng/ul | | 98 |
| 16) Anthracene | 17.031 | 178 | 8186 | 0.193 | ng/ul | | 98 |
| 19) Fluoranthene | 18.970 | 202 | 58795 | 1.308 | ng/ul | | 99 |
| 20) Pyrene | 19.332 | 202 | 49426 | 1.015 | ng/ul# | | 97 |
| 21) Benzo(a)anthracene | 21.090 | 228 | 27515 | 0.568 | ng/ul | | 96 |
| 22) Chrysene | 21.140 | 228 | 27960 | 0.597 | ng/ul | | 96 |
| 24) Benzo(b)fluoranthene | 22.613 | 252 | 35571m | 0.829 | ng/ul | | |
| 25) Benzo(k)fluoranthene | 22.651 | 252 | 12618m | 0.299 | ng/ul | | |
| 26) Benzo(a)pyrene | 23.150 | 252 | 22870 | 0.648 | ng/ul | | 95 |
| 27) Indeno(1,2,3-cd)pyrene | 25.356 | 276 | 17976 | 0.334 | ng/ul# | | 100 |
| 28) Dibenzo(a,h)anthracene | 25.370 | 278 | 4766 | 0.112 | ng/ul# | | 66 |
| 29) Benzo(g,h,i)perylene | 26.003 | 276 | 17608 | 0.411 | ng/ul# | | 97 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
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Acq On : 13 Jul 2024 10:49
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**Instrument :**
BNA_M
**ClientSampleId :**
A4CY4

**Manual IntegrationsAPPROVED**

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Supervised By :mohammad ahmed 07/16/2024