Quantitation Report (Qedit)

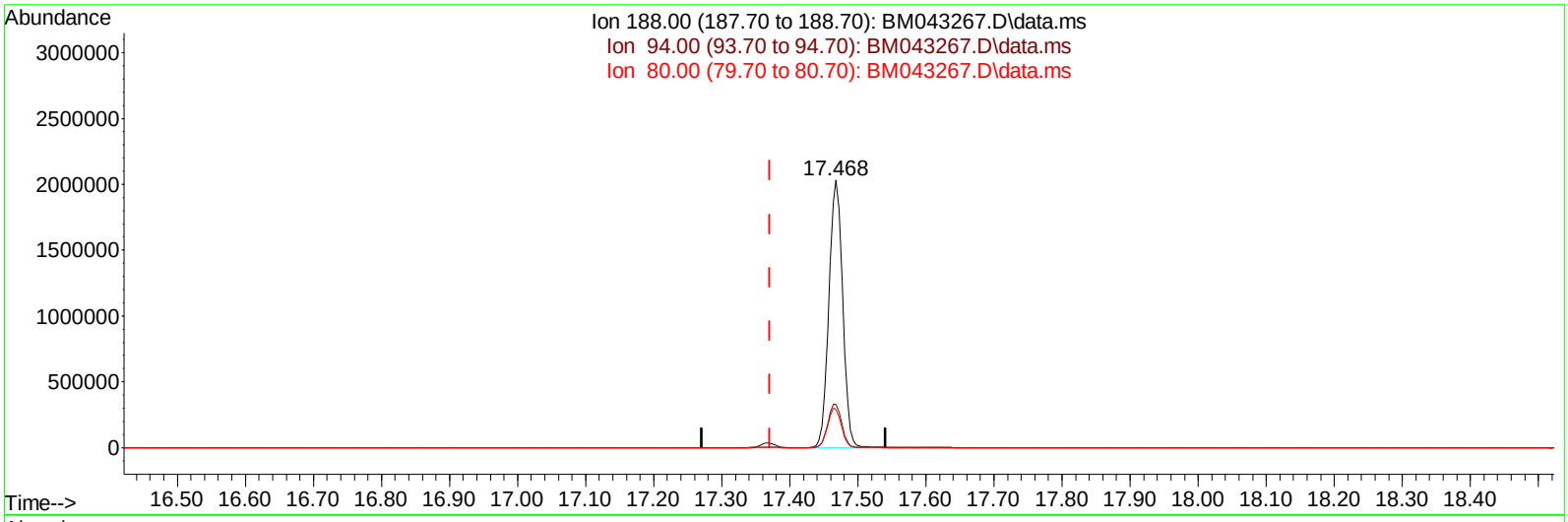
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043267.D
Acq On : 12 Dec 2023 17:11
Operator : MA/JU
Sample : 05673-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

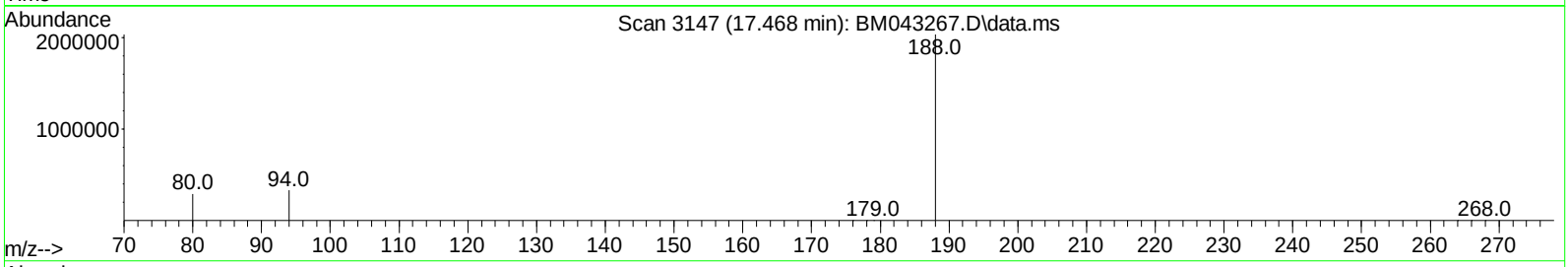
Quant Time: Dec 12 22:52:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:25:39 2023
Response via : Initial Calibration

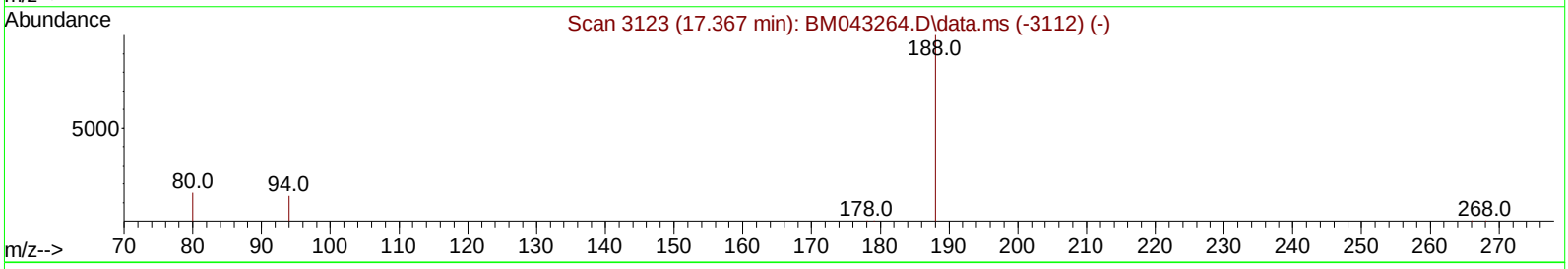
**Instrument :**
BNA_M
**ClientSampleId :**
BHEH8

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023




TIC: BM043267.D\data.ms

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

**17.468min (+ 0.097) 0.40 ng/ul**

**response 2841133**

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100.00 | 100.00 |
| 94.00 | 12.30 | 16.23# |
| 80.00 | 13.20 | 14.34 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

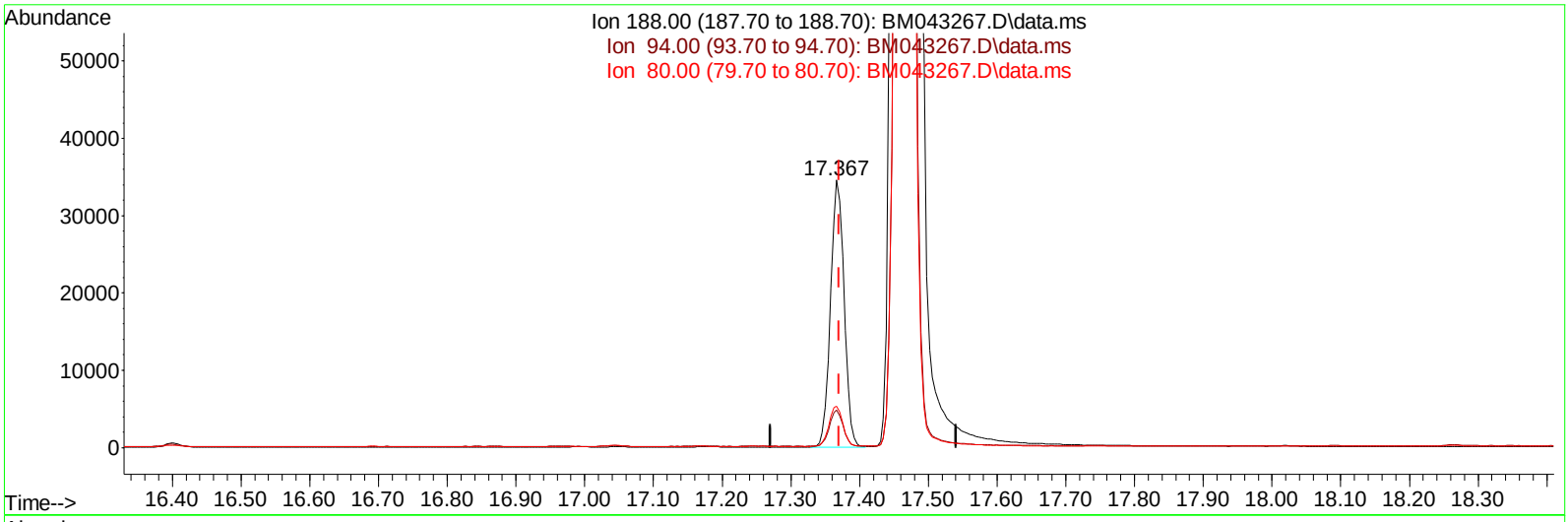
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043267.D
Acq On : 12 Dec 2023 17:11
Operator : MA/JU
Sample : 05673-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

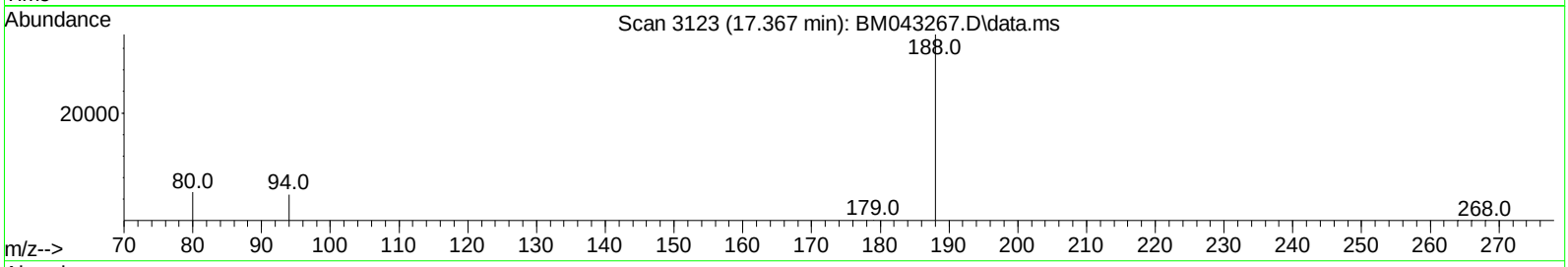
Quant Time: Dec 12 22:52:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:25:39 2023
Response via : Initial Calibration

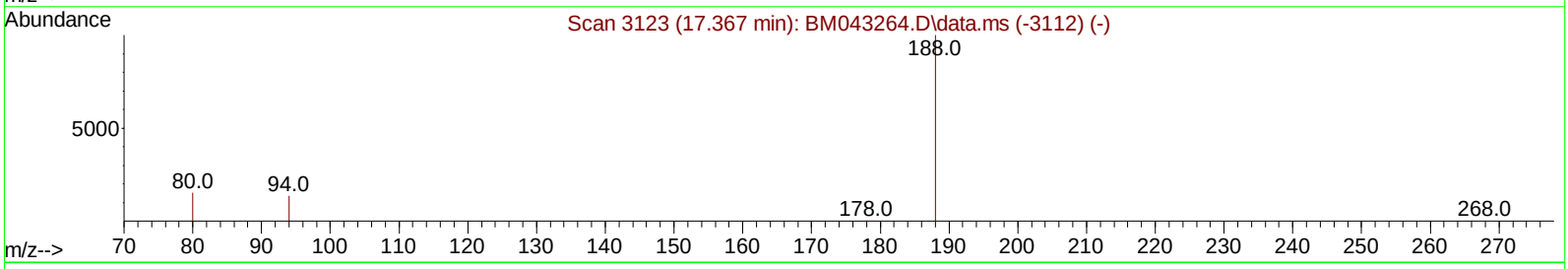
**Instrument :**
BNA_M
**ClientSampleId :**
BHEH8

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023




TIC: BM043267.D\data.ms

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

**17.367min (-0.004) 0.40 ng/ul m**

**response 47537**

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100.00 | 100.00 |
| 94.00 | 12.30 | 14.15 |
| 80.00 | 13.20 | 15.36 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

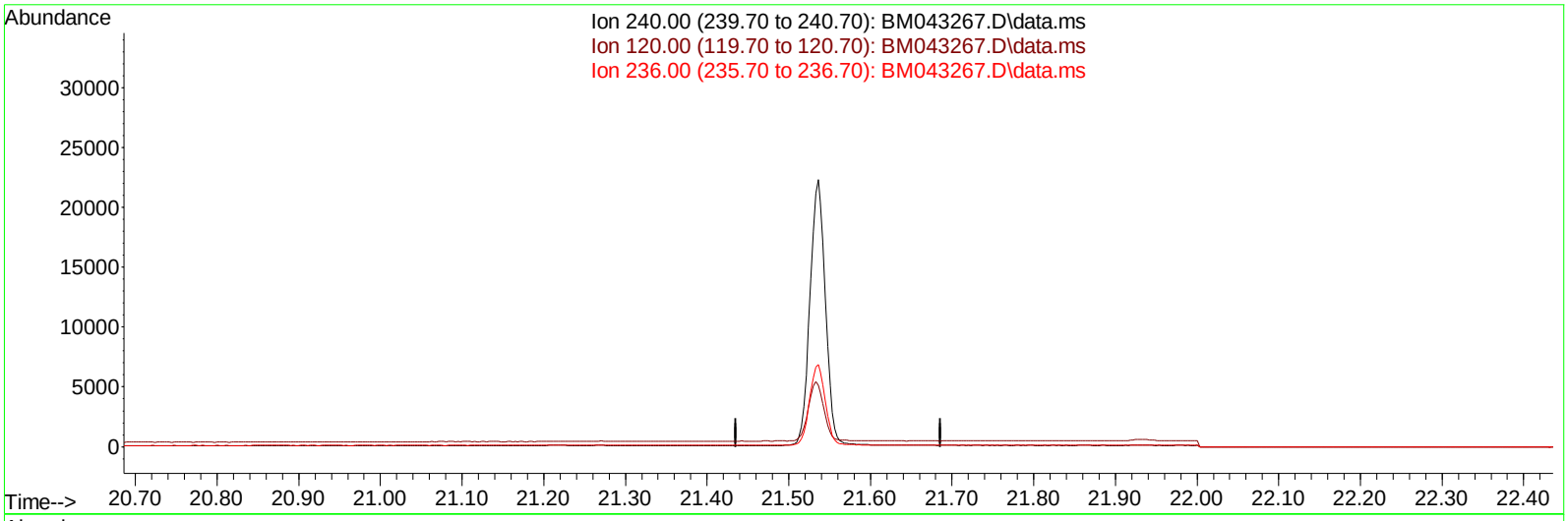
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043267.D
Acq On : 12 Dec 2023 17:11
Operator : MA/JU
Sample : 05673-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

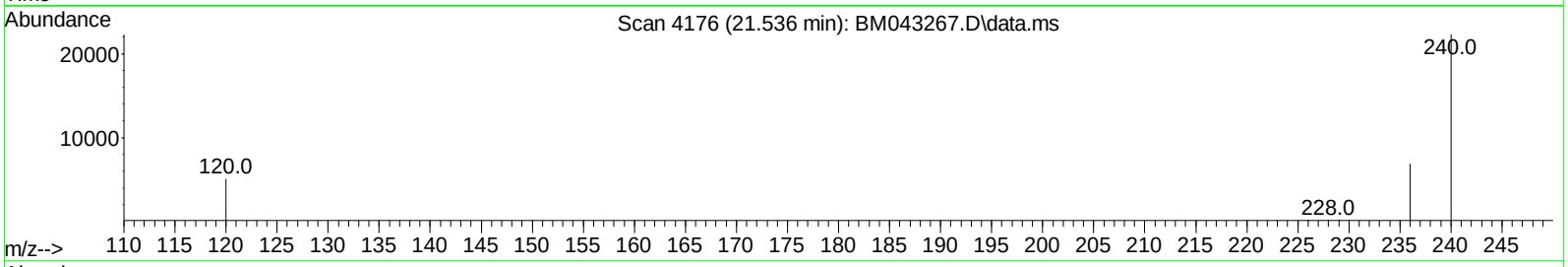
Quant Time: Dec 12 22:52:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:25:39 2023
Response via : Initial Calibration

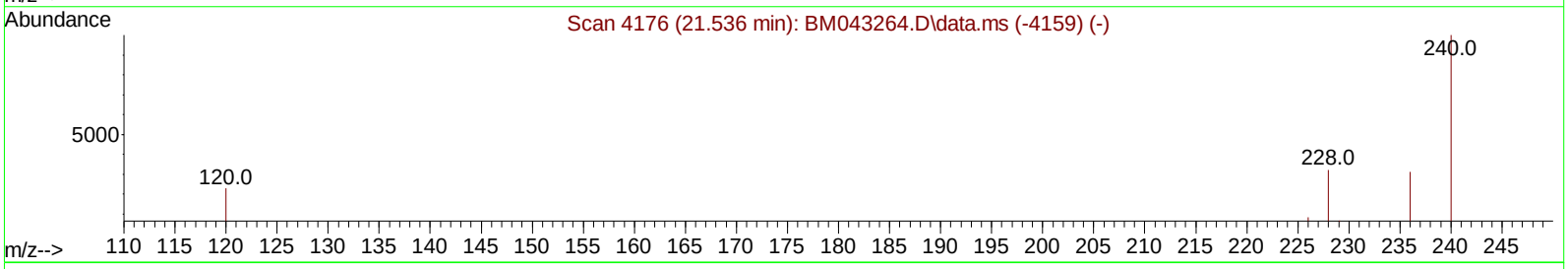
**Instrument :**
BNA_M
**ClientSampleId :**
BHEH8

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023




TIC: BM043267.D\data.ms

**(17) Chrysene-d12**

**21.536min (-21.536) 0.00 ng/ul**

**response 0**

| Ion | Exp% | Act% |
|---|---|---|
| 240.00 | 100.00 | 0.00 |
| 120.00 | 20.60 | 0.00# |
| 236.00 | 31.10 | 0.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

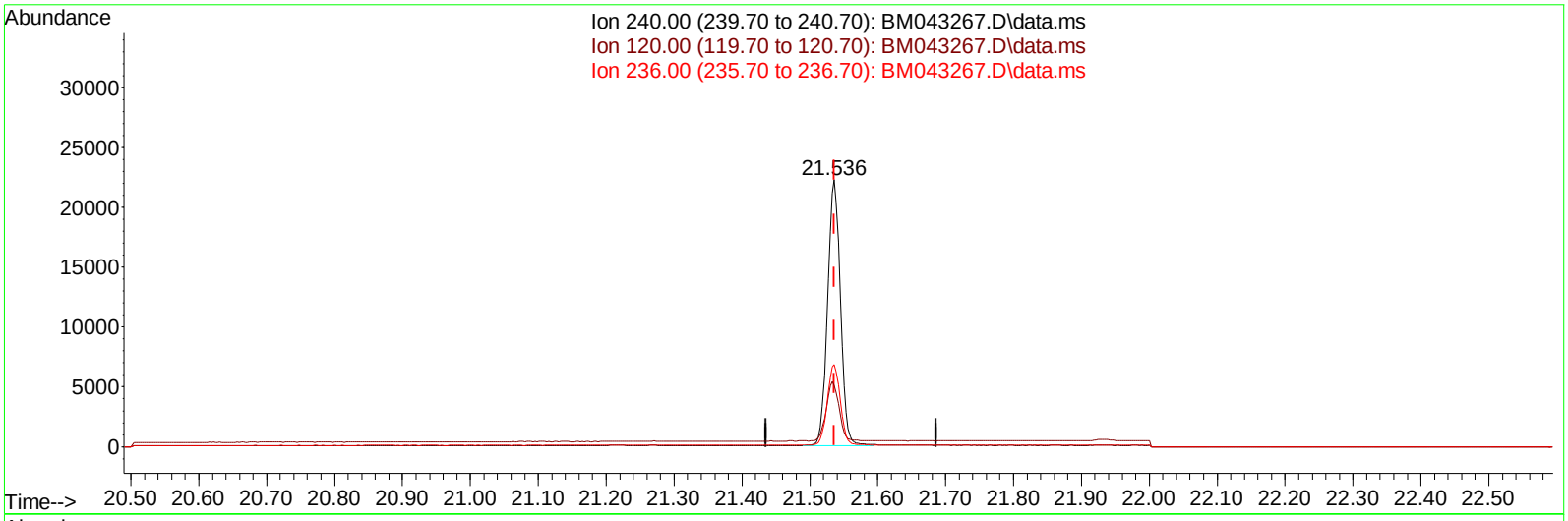
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043267.D
Acq On : 12 Dec 2023 17:11
Operator : MA/JU
Sample : 05673-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

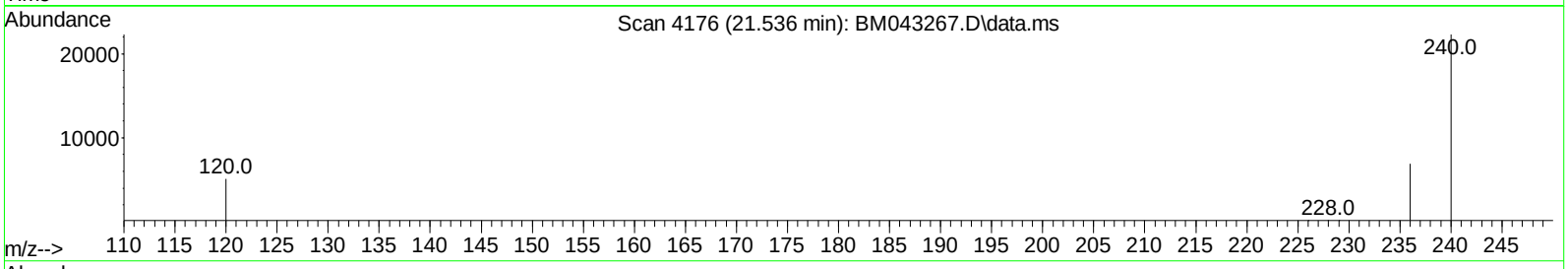
Quant Time: Dec 12 22:52:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:25:39 2023
Response via : Initial Calibration

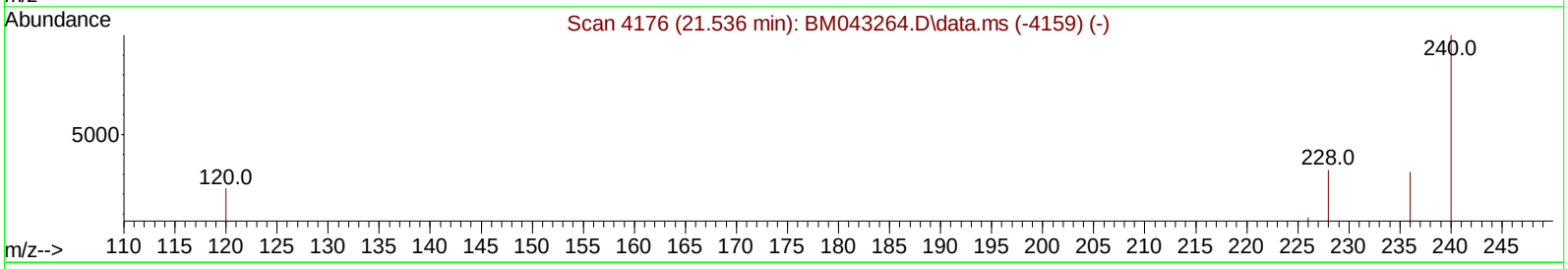
**Instrument :**
BNA_M
**ClientSampleId :**
BHEH8

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023




TIC: BM043267.D\data.ms

**(17) Chrysene-d12**

**21.536min (+ 0.000) 0.40 ng/ul m**

**response 29238**

| Ion | Exp% | Act% |
|---|---|---|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 20.60 | 22.98 |
| 236.00 | 31.10 | 30.81 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

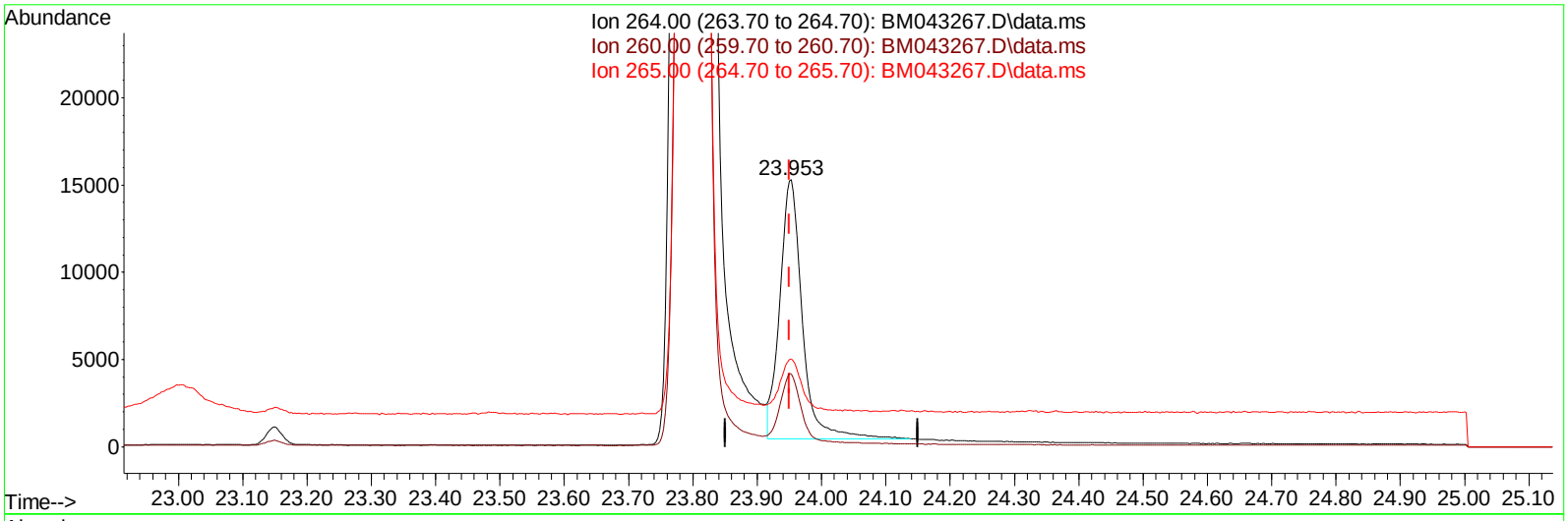
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043267.D
Acq On : 12 Dec 2023 17:11
Operator : MA/JU
Sample : 05673-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

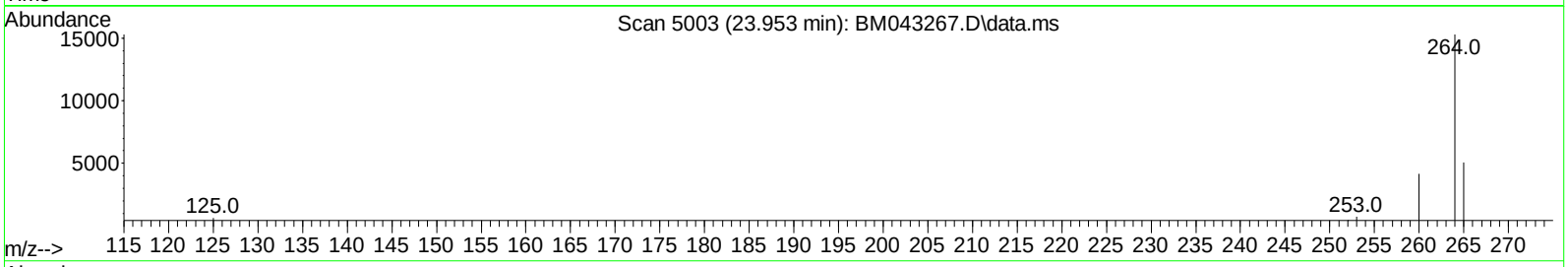
Quant Time: Dec 12 22:52:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:25:39 2023
Response via : Initial Calibration

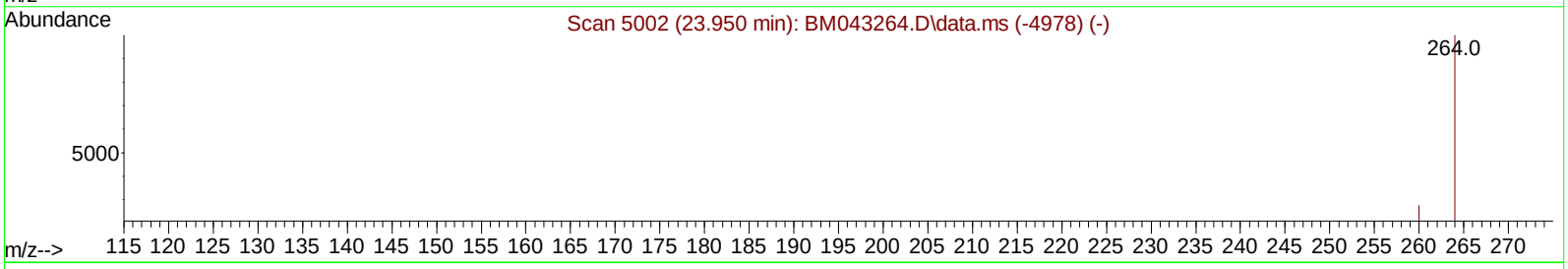
**Instrument :**
BNA_M
**ClientSampleId :**
BHEH8

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023




TIC: BM043267.D\data.ms

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

**23.953min (+ 0.003) 0.40 ng/ul**

**response 36091**

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 28.30 | 27.19 |
| 265.00 | 39.10 | 32.95 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

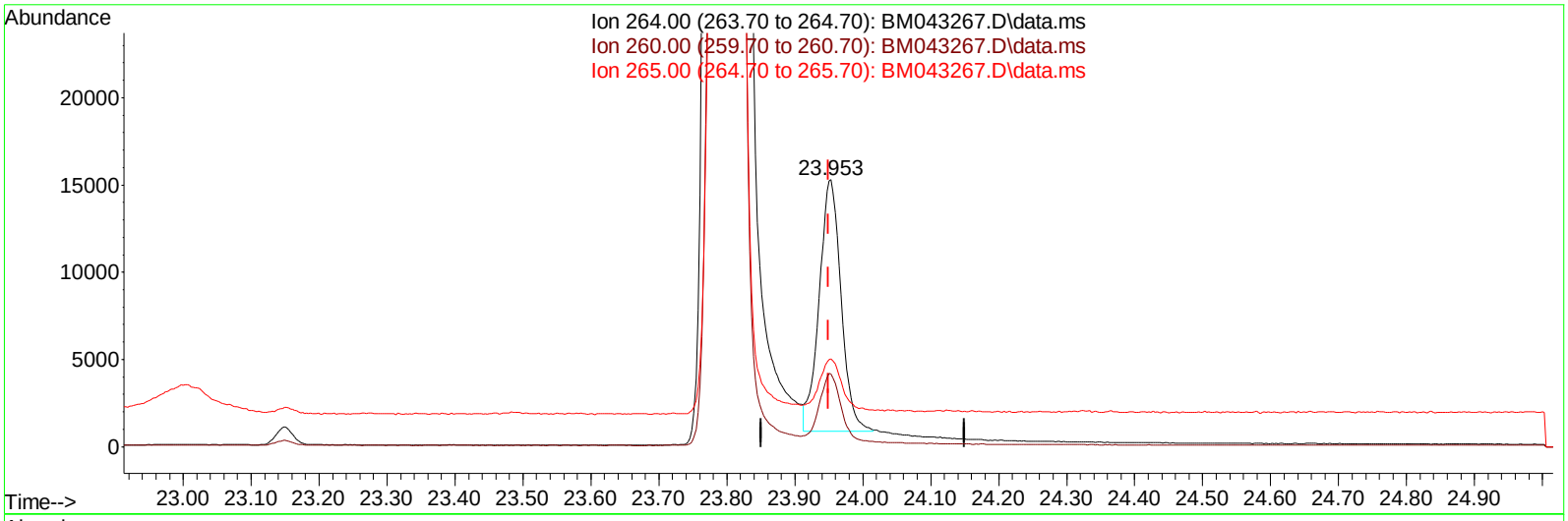
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043267.D
Acq On : 12 Dec 2023 17:11
Operator : MA/JU
Sample : 05673-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

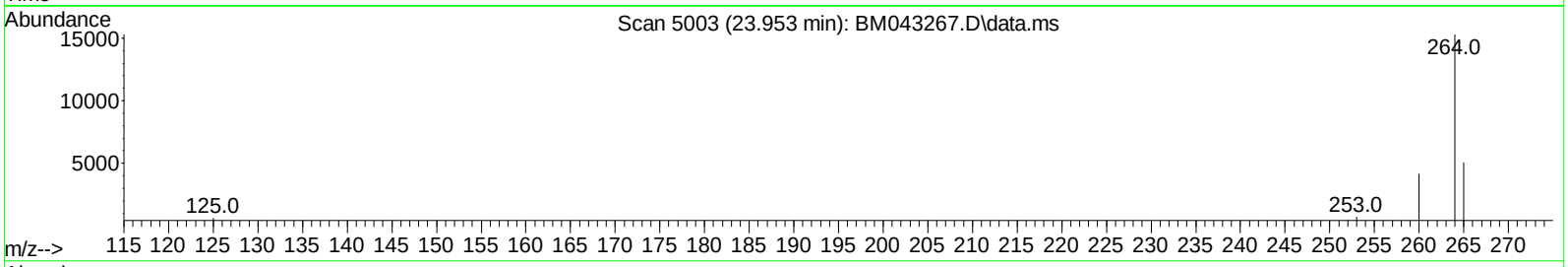
Quant Time: Dec 12 22:52:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:25:39 2023
Response via : Initial Calibration

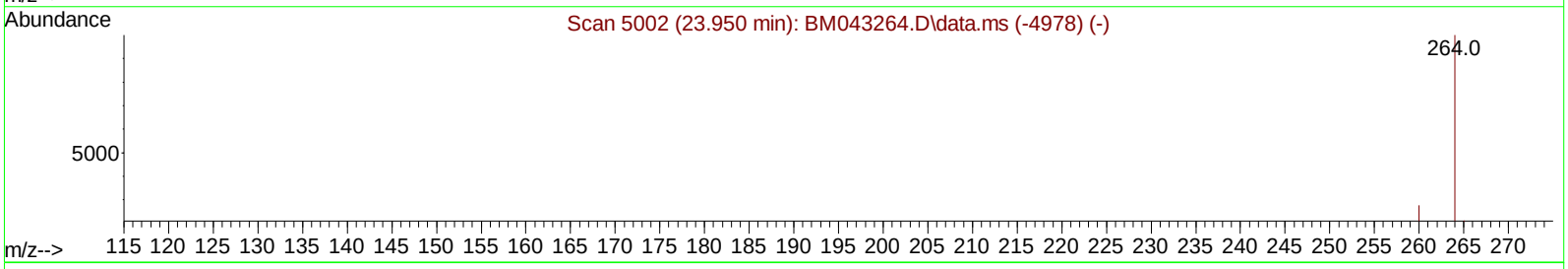
**Instrument :**
BNA_M
**ClientSampleId :**
BHEH8

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023




TIC: BM043267.D\data.ms

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

**23.953min (+ 0.003) 0.40 ng/ul m**

**response 32320**

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 28.30 | 27.19 |
| 265.00 | 39.10 | 32.95 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043267.D
Acq On : 12 Dec 2023 17:11
Operator : MA/JU
Sample : 05673-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Dec 12 22:52:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:25:39 2023
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
BHEH8

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.005 | 152 | 13149 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.812 | 136 | 43729 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.629 | 164 | 23782 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.367 | 188 | 47537m | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.536 | 240 | 29238m | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.953 | 264 | 32320m | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.402 | 96 | 51826 | 3.119 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.396 | 152 | 13435 | 0.217 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.385 | 212 | 27774 | 0.266 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.862 | 128 | 5668 | 0.043 | ng/ul# | 95 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043267.D
Acq On : 12 Dec 2023 17:11
Operator : MA/JU
Sample : 05673-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Dec 12 22:52:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:25:39 2023
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
BHEH8

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023