Quantitation Report (Qedit)

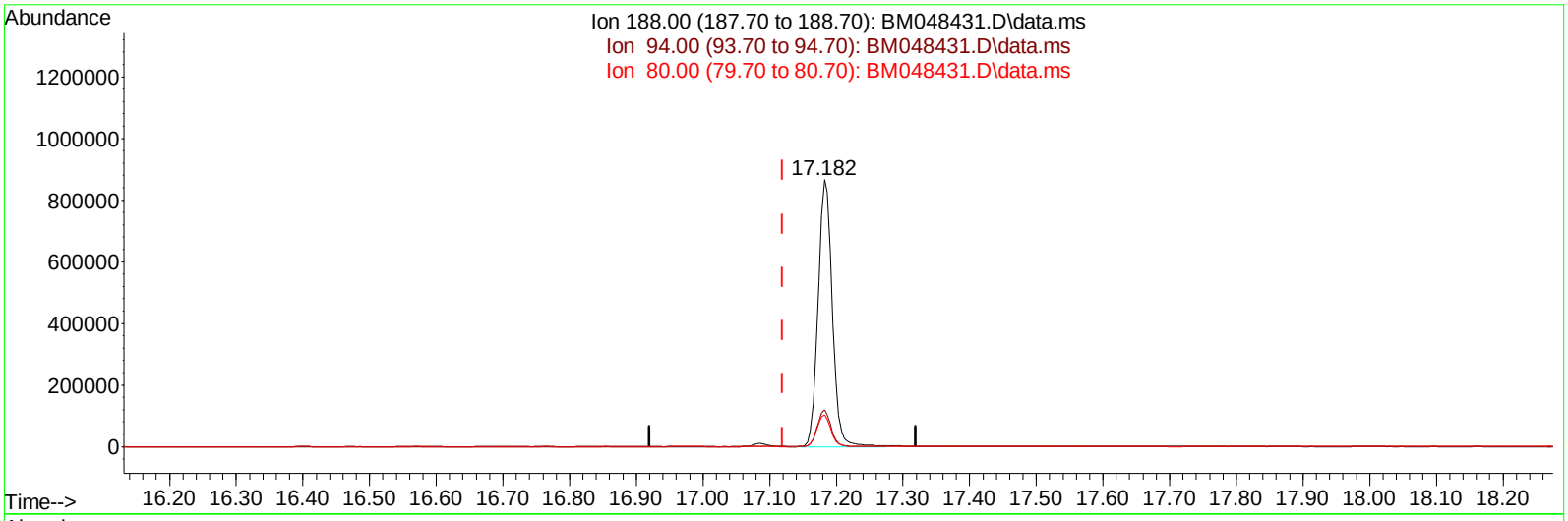
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110424\
Data File : BM048431.D
Acq On : 04 Nov 2024 17:51
Operator : RC/JU
Sample : P4625-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

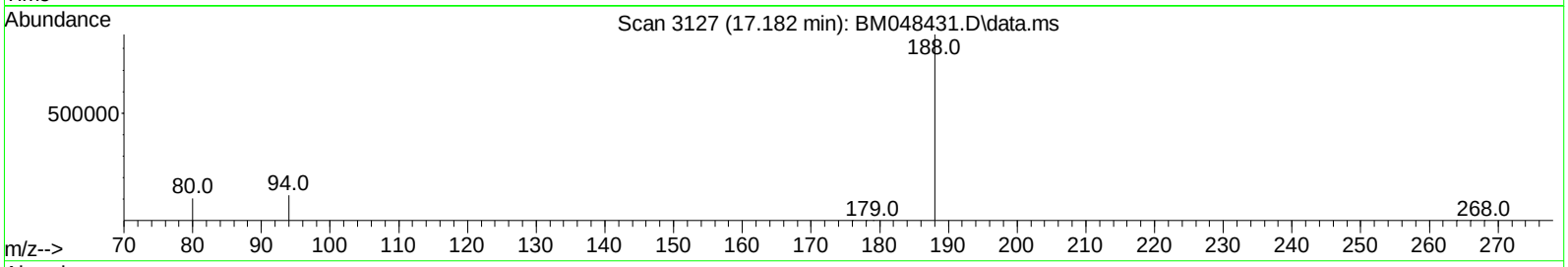
Quant Time: Nov 04 22:06:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

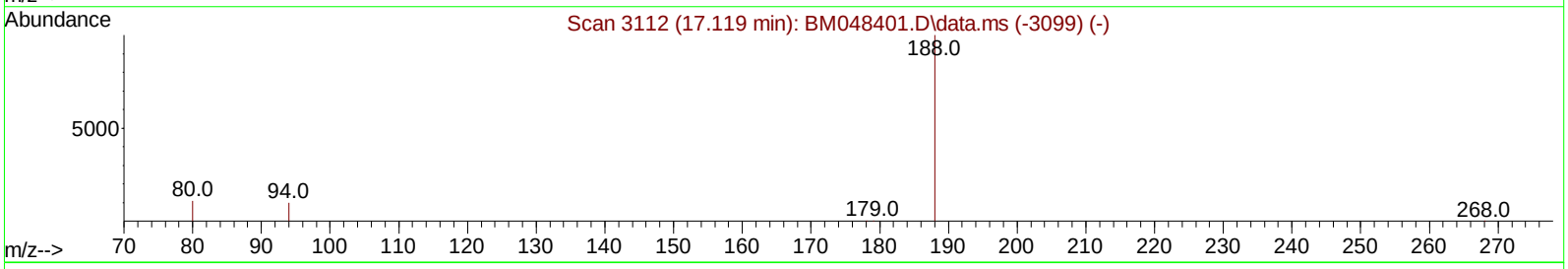
**Instrument :**
BNA_M
**ClientSampleId :**
C0AA0

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024




TIC: BM048431.D\data.ms

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

**17.182min (+ 0.062) 0.40 ng/ul**

**response 1271549**

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100.00 | 100.00 |
| 94.00 | 11.50 | 13.73 |
| 80.00 | 12.10 | 12.04 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

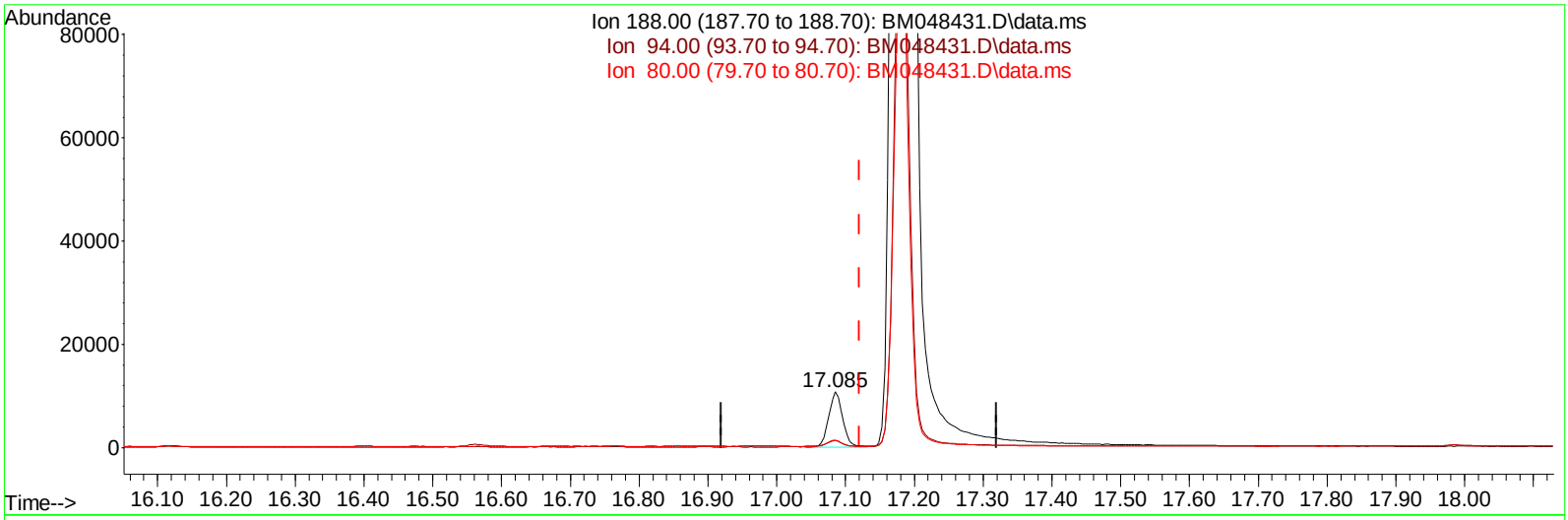
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110424\
Data File : BM048431.D
Acq On : 04 Nov 2024 17:51
Operator : RC/JU
Sample : P4625-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

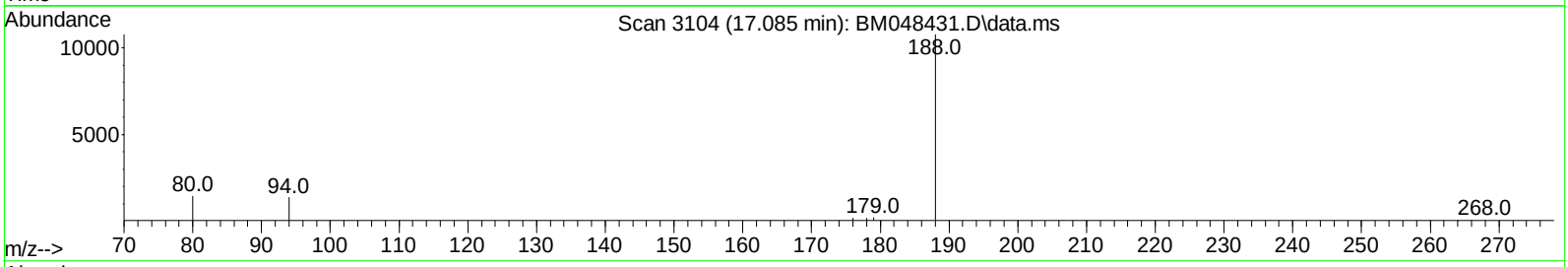
Quant Time: Nov 04 22:06:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

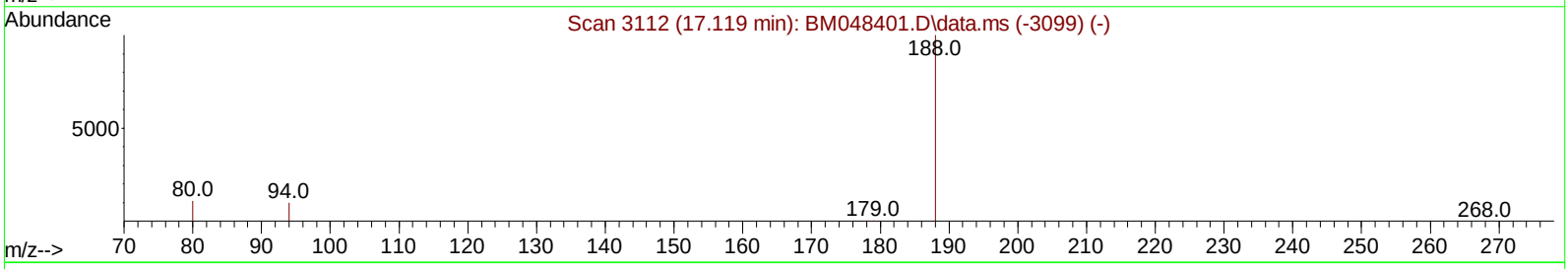
**Instrument :**
BNA_M
**ClientSampleId :**
C0AA0

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024




TIC: BM048431.D\data.ms

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

**17.085min (-0.035) 0.40 ng/ul m**

**response 15296**

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100.00 | 100.00 |
| 94.00 | 11.50 | 12.96 |
| 80.00 | 12.10 | 13.52 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

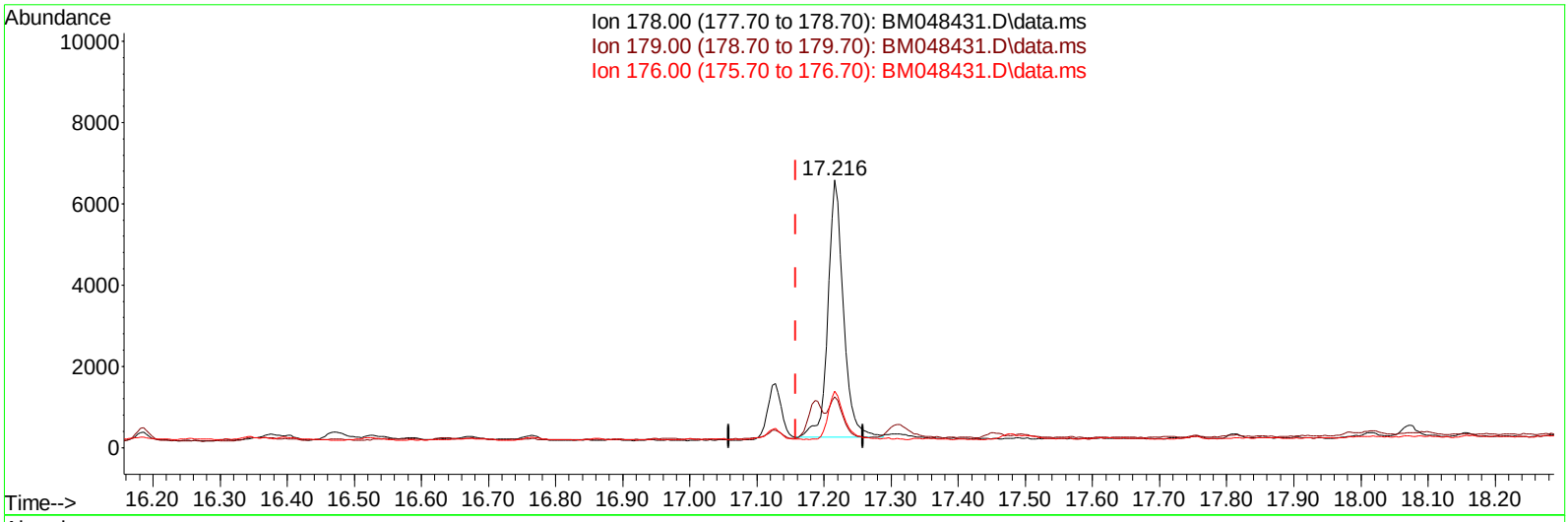
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110424\
Data File : BM048431.D
Acq On : 04 Nov 2024 17:51
Operator : RC/JU
Sample : P4625-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

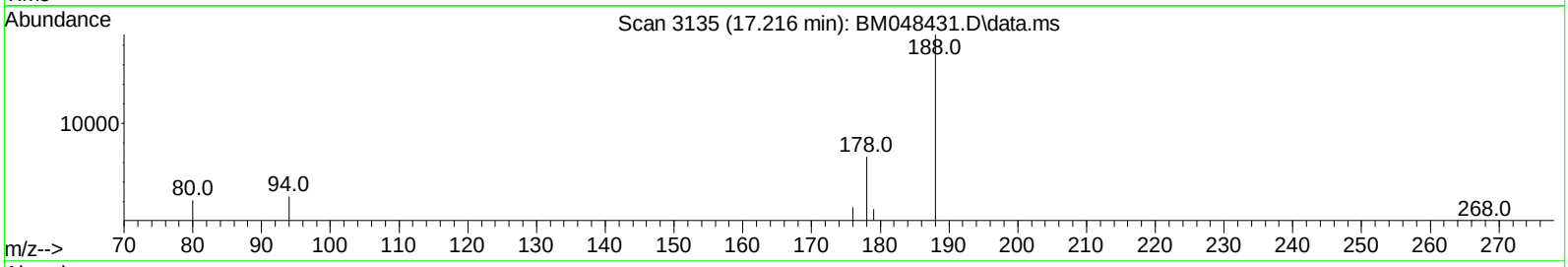
Quant Time: Nov 04 22:06:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

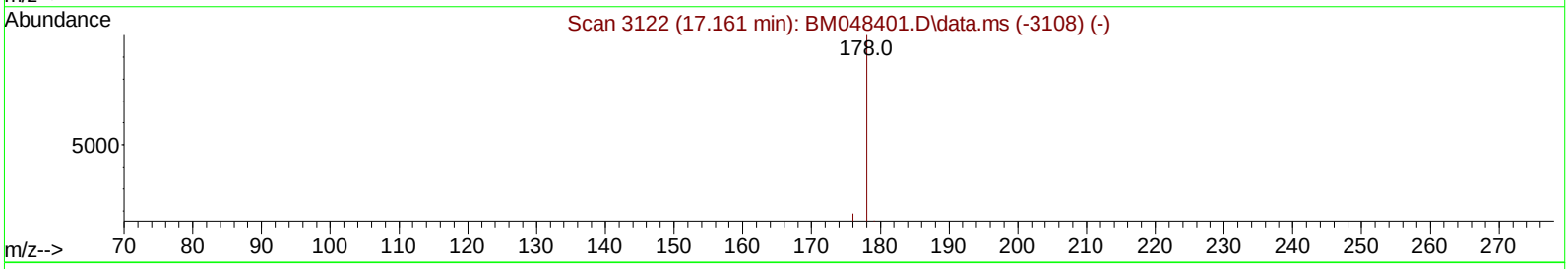
**Instrument :**
BNA_M
**ClientSampleId :**
C0AA0

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024




TIC: BM048431.D\data.ms

**(15) Phenanthrene**

**17.216min (+ 0.058) 0.27 ng/ul**

**response 10148**

| Ion | Exp% | Act% |
|---|---|---|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 17.40 | 18.93 |
| 176.00 | 20.00 | 21.22 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

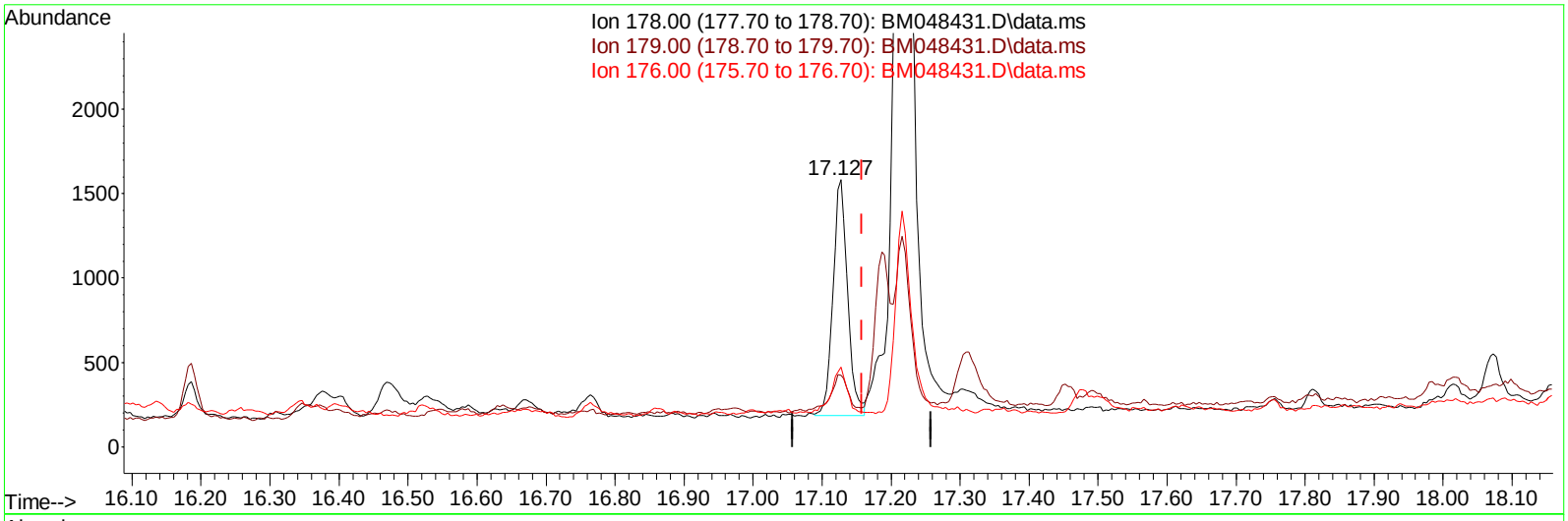
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110424\
Data File : BM048431.D
Acq On : 04 Nov 2024 17:51
Operator : RC/JU
Sample : P4625-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

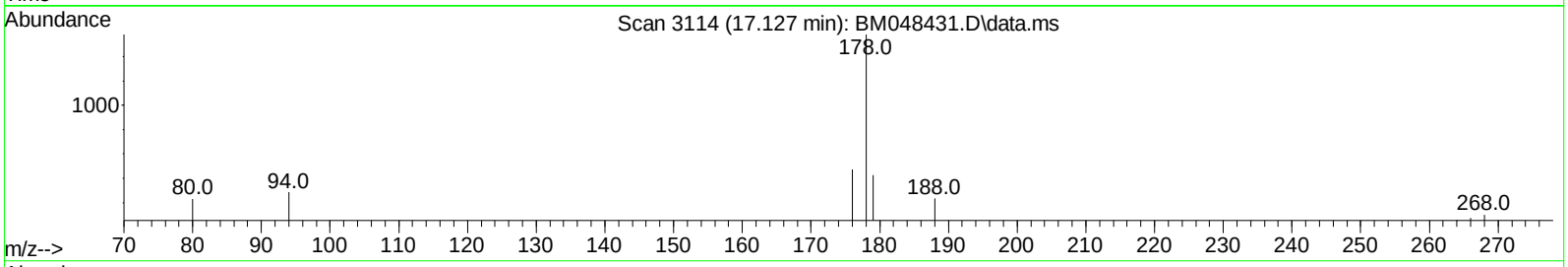
Quant Time: Nov 04 22:06:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

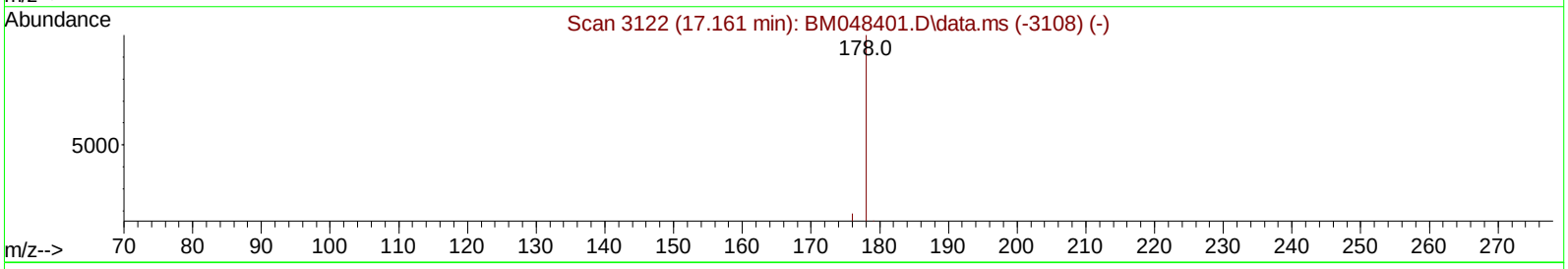
**Instrument :**
BNA_M
**ClientSampleId :**
C0AA0

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024




TIC: BM048431.D\data.ms

**(15) Phenanthrene**

**17.127min (-0.031) 0.05 ng/ul m**

**response 2055**

| Ion | Exp% | Act% |
|---|---|---|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 17.40 | 26.80# |
| 176.00 | 20.00 | 29.96# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

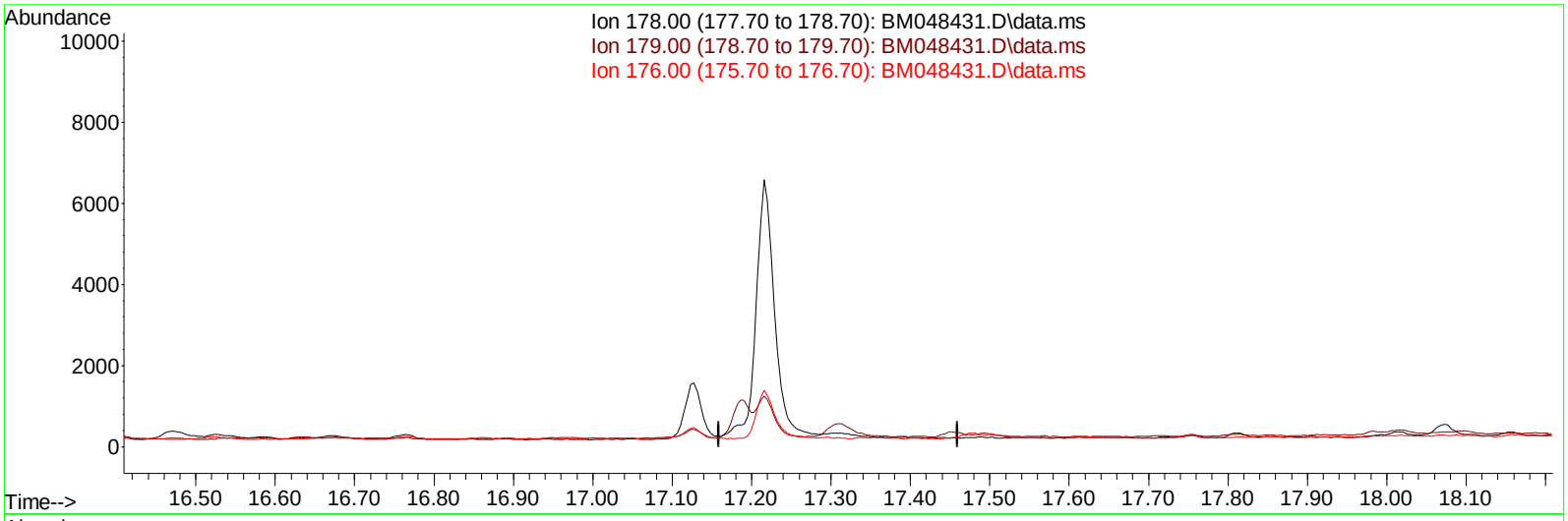
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110424\
Data File : BM048431.D
Acq On : 04 Nov 2024 17:51
Operator : RC/JU
Sample : P4625-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

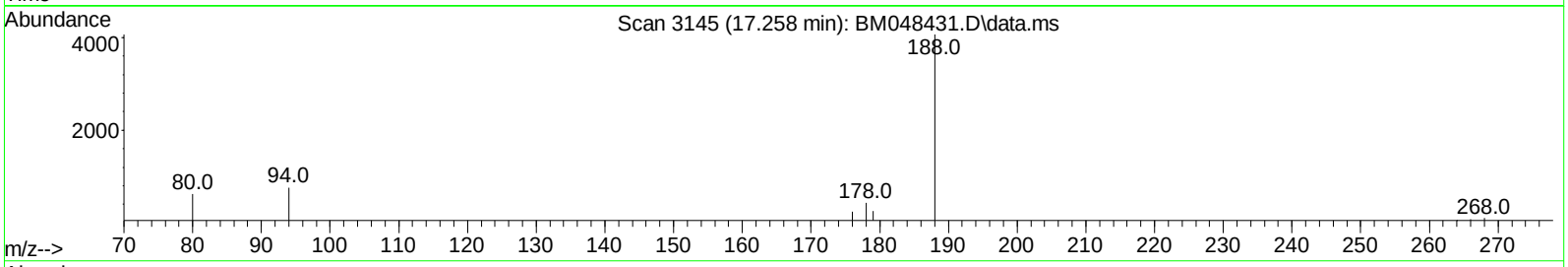
Quant Time: Nov 04 22:06:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

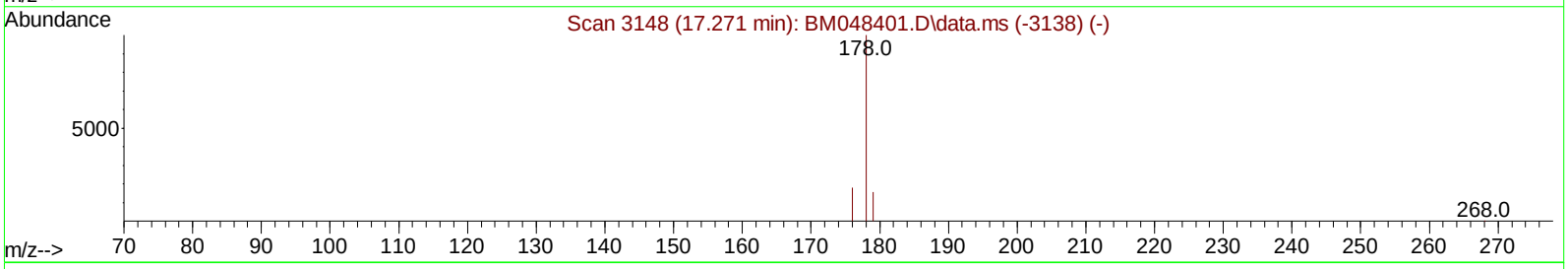
**Instrument :**
BNA_M
**ClientSampleId :**
C0AA0

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024




TIC: BM048431.D\data.ms

**(16) Anthracene**

**17.259min (-17.259) 0.00 ng/ul**

**response 0**

| Ion | Exp% | Act% |
|---|---|---|
| 178.00 | 100.00 | 0.00 |
| 179.00 | 17.70 | 0.00# |
| 176.00 | 19.70 | 0.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

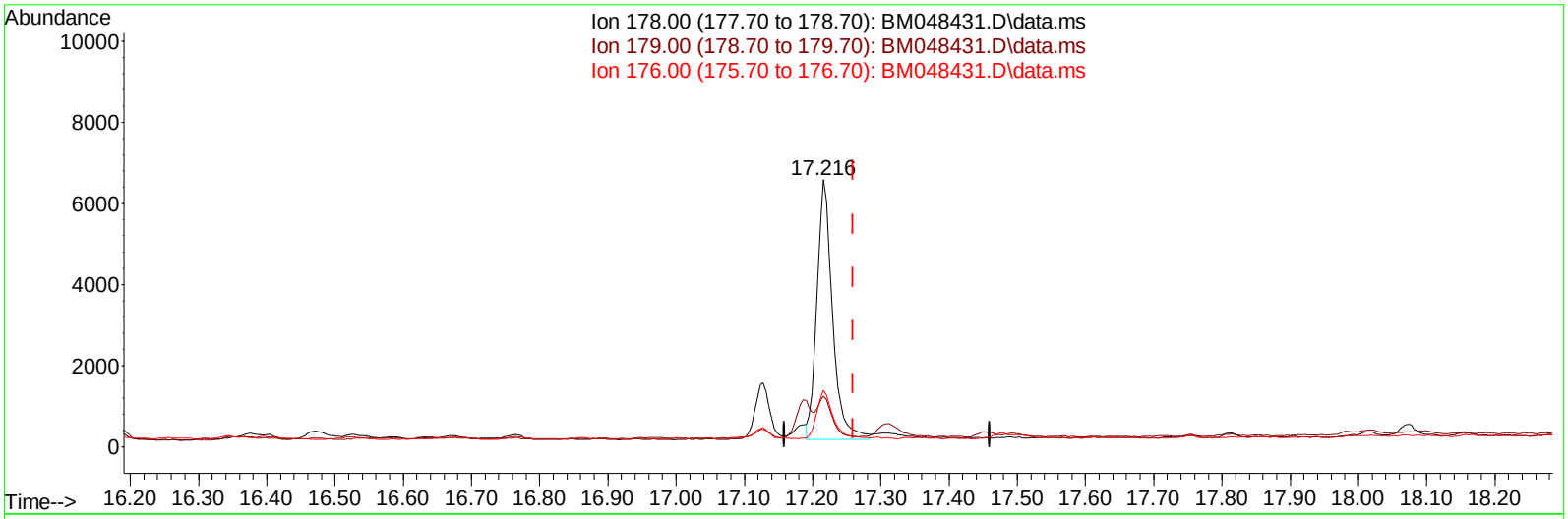
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110424\
Data File : BM048431.D
Acq On : 04 Nov 2024 17:51
Operator : RC/JU
Sample : P4625-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

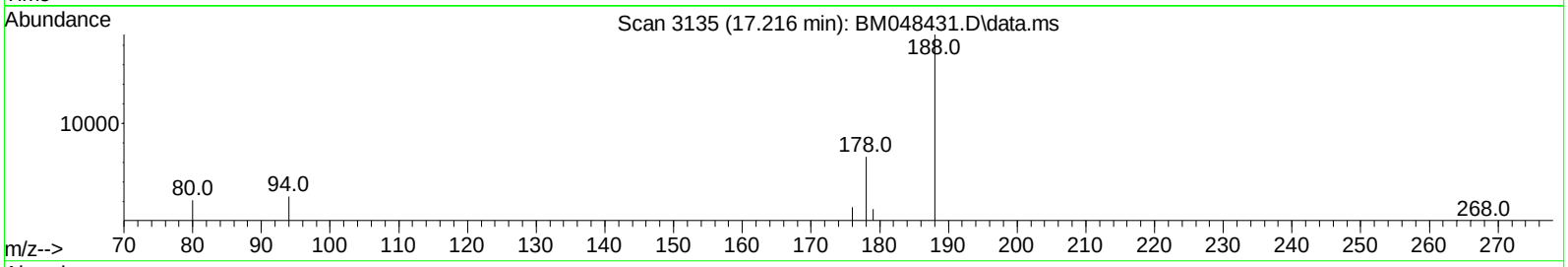
Quant Time: Nov 04 22:06:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

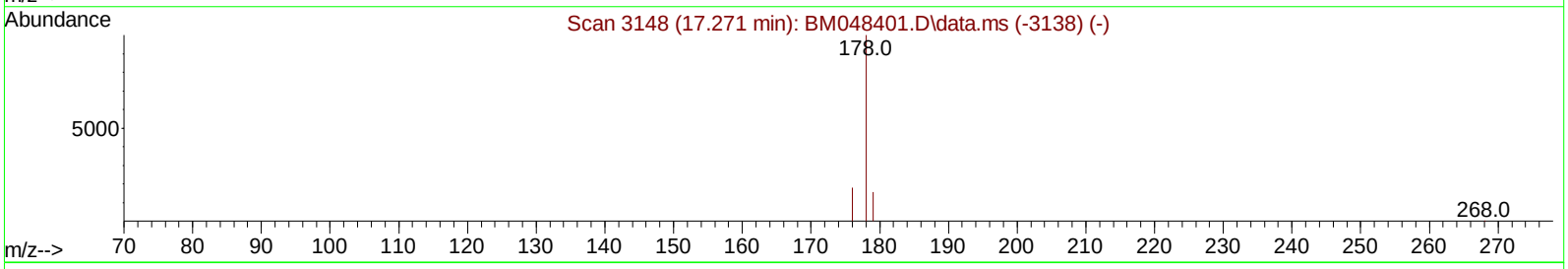
**Instrument :**
BNA_M
**ClientSampleId :**
C0AA0

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024




TIC: BM048431.D\data.ms

**(16) Anthracene**

**17.216min (-0.043) 0.29 ng/ul m**

**response 10194**

| Ion | Exp% | Act% |
|---|---|---|
| 178.00 | 100.00 | 100.00 |
| 179.00 | 17.70 | 18.93 |
| 176.00 | 19.70 | 21.22 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

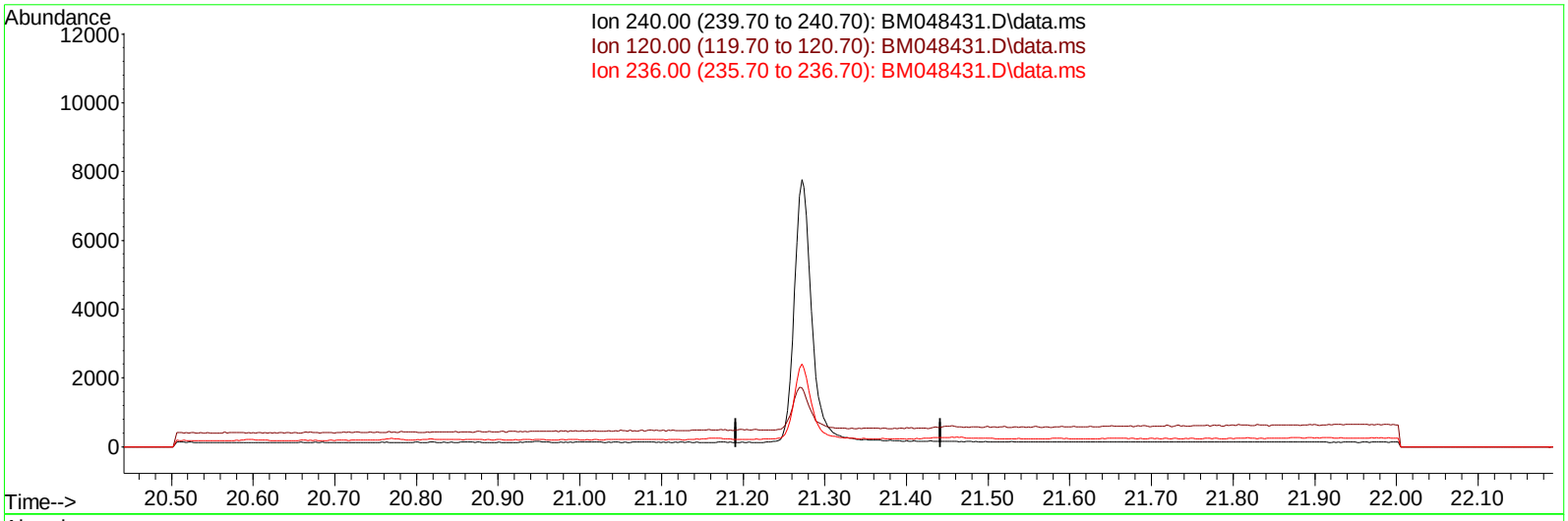
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110424\
Data File : BM048431.D
Acq On : 04 Nov 2024 17:51
Operator : RC/JU
Sample : P4625-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

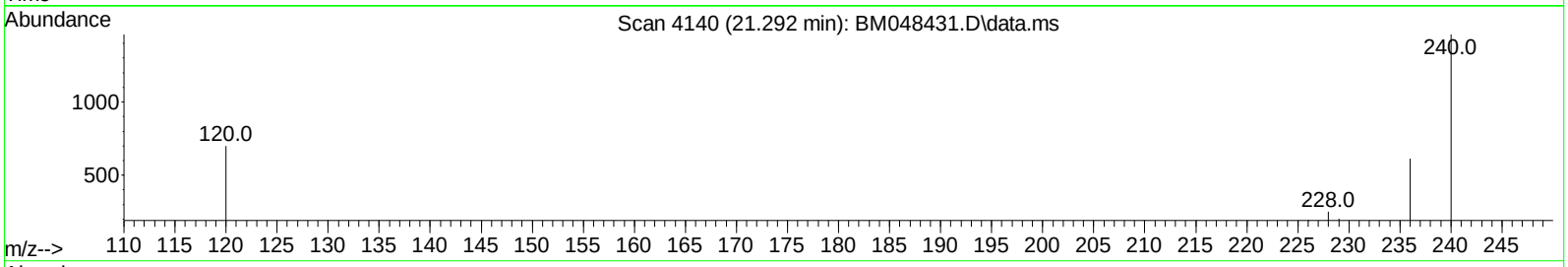
Quant Time: Nov 04 22:06:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

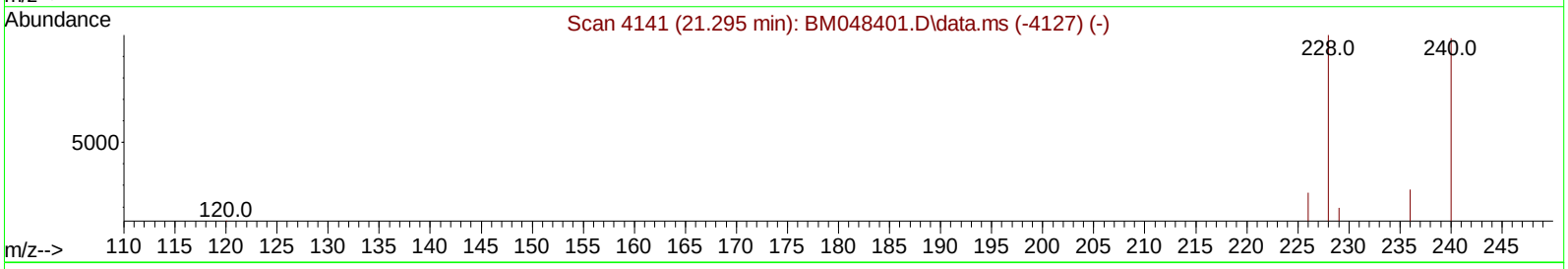
**Instrument :**
BNA_M
**ClientSampleId :**
C0AA0

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024




TIC: BM048431.D\data.ms

**(17) Chrysene-d12**

**21.292min (-21.292) 0.00 ng/ul**

**response 0**

| Ion | Exp% | Act% |
|---|---|---|
| 240.00 | 100.00 | 0.00 |
| 120.00 | 19.00 | 0.00# |
| 236.00 | 29.90 | 0.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

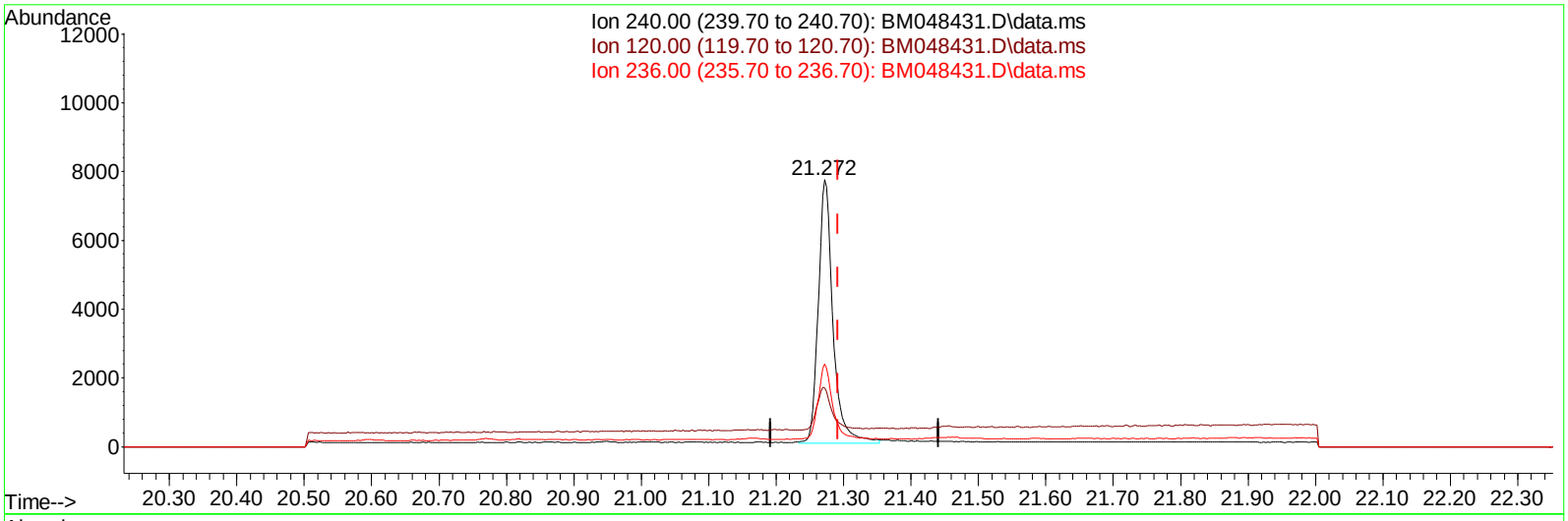
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110424\
Data File : BM048431.D
Acq On : 04 Nov 2024 17:51
Operator : RC/JU
Sample : P4625-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

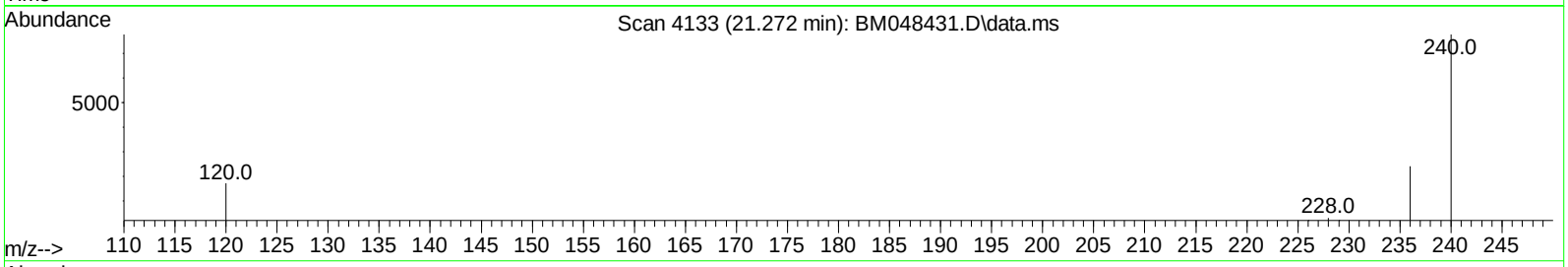
Quant Time: Nov 04 22:06:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

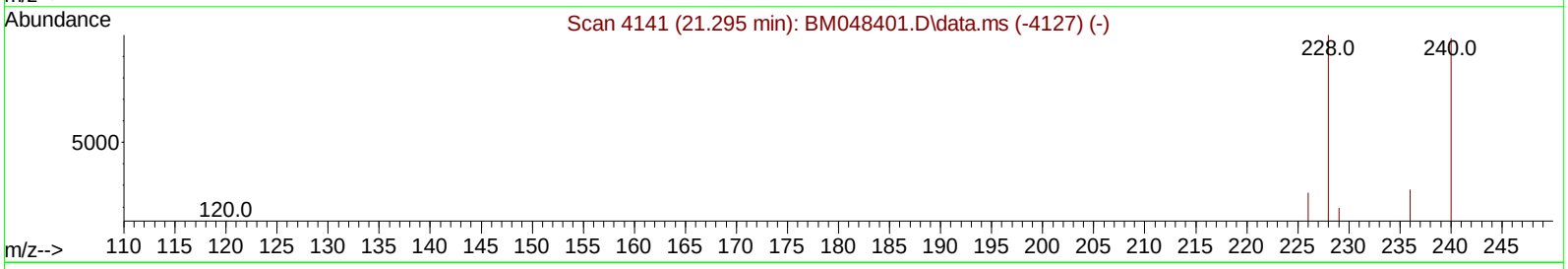
**Instrument :**
BNA_M
**ClientSampleId :**
C0AA0

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024




TIC: BM048431.D\data.ms

**(17) Chrysene-d12**

**21.272min (-0.020) 0.40 ng/ul m**

**response 11748**

| Ion | Exp% | Act% |
|---|---|---|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 19.00 | 22.16 |
| 236.00 | 29.90 | 31.10 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

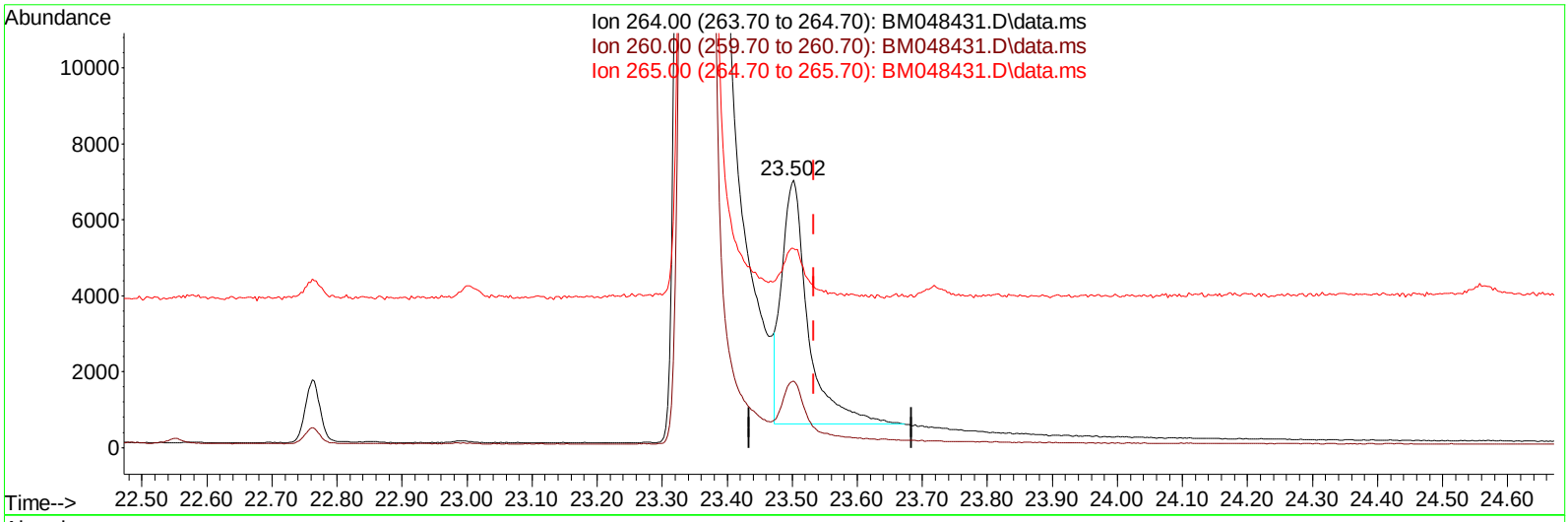
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110424\
Data File : BM048431.D
Acq On : 04 Nov 2024 17:51
Operator : RC/JU
Sample : P4625-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

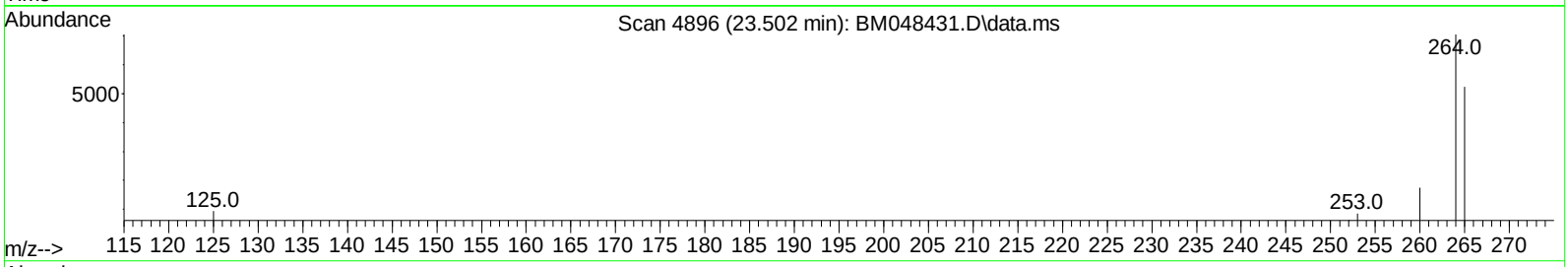
Quant Time: Nov 04 22:06:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

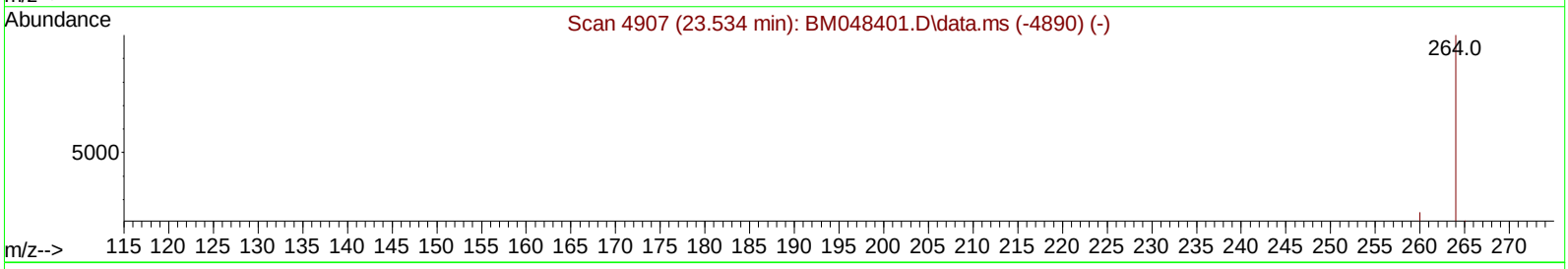
**Instrument :**
BNA_M
**ClientSampleId :**
C0AA0

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024




TIC: BM048431.D\data.ms

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

**23.502min (-0.032) 0.40 ng/ul**

**response 17894**

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.80 | 24.93 |
| 265.00 | 120.80 | 74.29# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

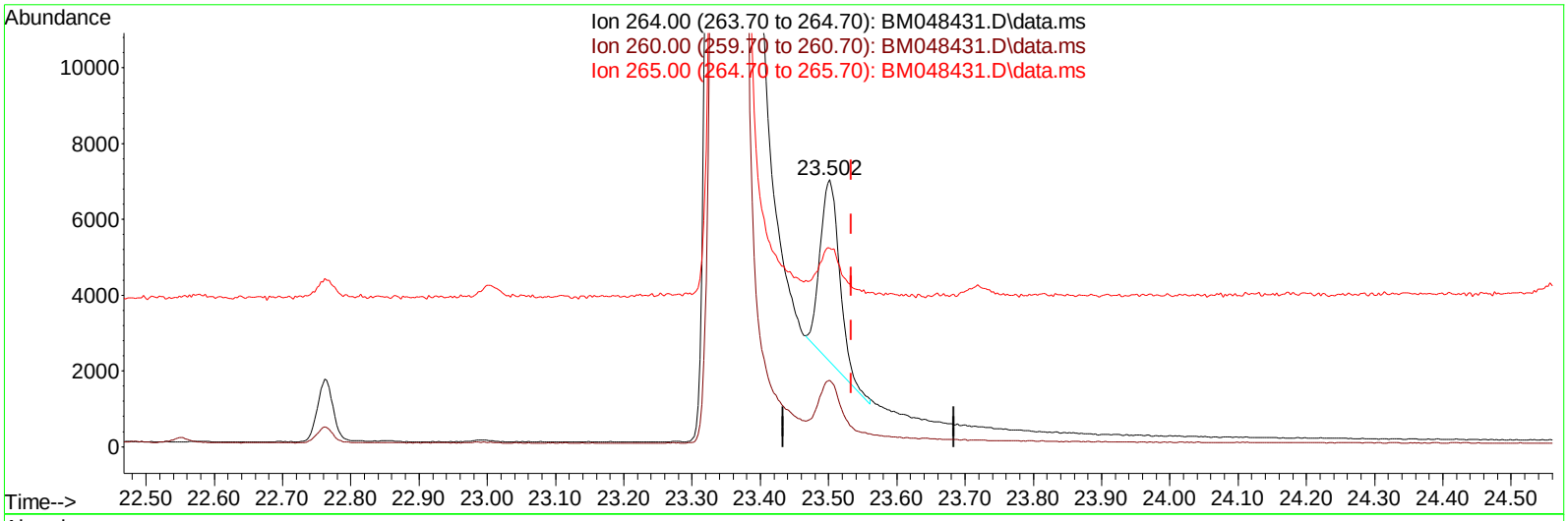
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110424\
Data File : BM048431.D
Acq On : 04 Nov 2024 17:51
Operator : RC/JU
Sample : P4625-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

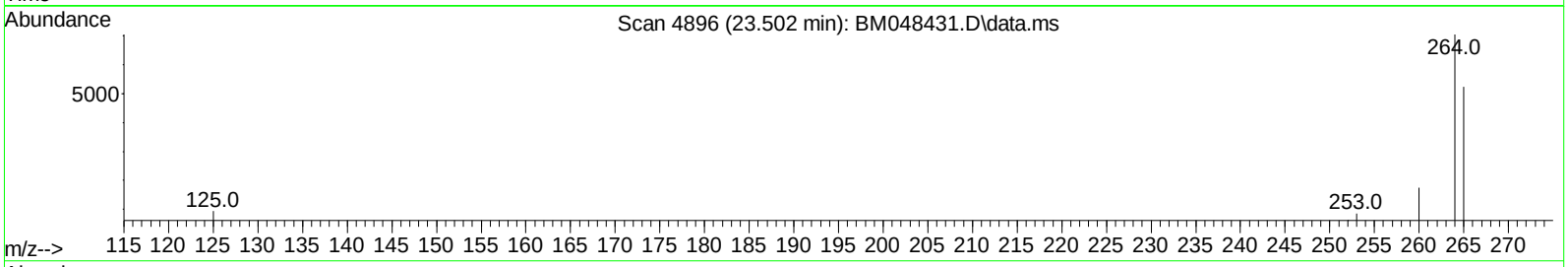
Quant Time: Nov 04 22:06:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

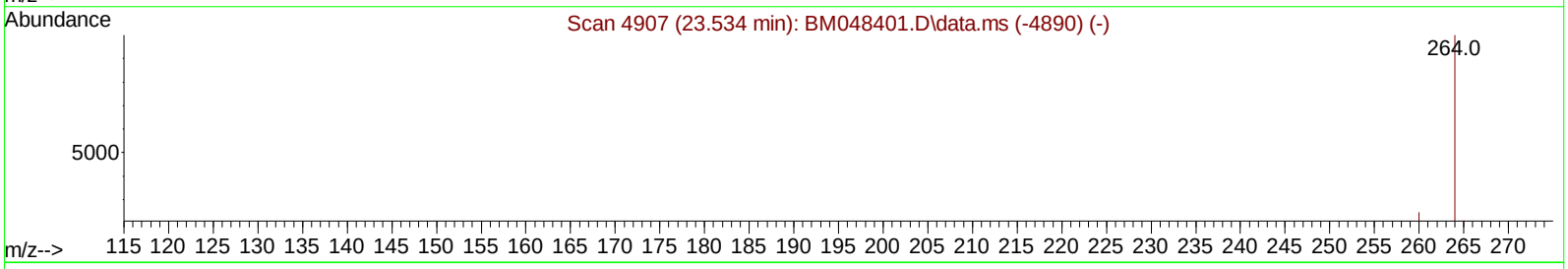
**Instrument :**
BNA_M
**ClientSampleId :**
C0AA0

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024




TIC: BM048431.D\data.ms

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

**23.502min (-0.032) 0.40 ng/ul m**

**response 9434**

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 26.80 | 24.93 |
| 265.00 | 120.80 | 74.29# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110424\
Data File : BM048431.D
Acq On : 04 Nov 2024 17:51
Operator : RC/JU
Sample : P4625-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 04 22:06:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
C0AA0

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.699 | 152 | 4430 | 0.400 | ng/ul | -0.05 |
| 4) Naphthalene-d8 | 10.484 | 136 | 13640 | 0.400 | ng/ul | -0.05 |
| 9) Acenaphthene-d10 | 14.339 | 164 | 7171 | 0.400 | ng/ul | -0.02 |
| 13) Phenanthrene-d10 | 17.085 | 188 | 15296m | 0.400 | ng/ul | -0.04 |
| 17) Chrysene-d12 | 21.272 | 240 | 11748m | 0.400 | ng/ul | -0.02 |
| 23) Perylene-d12 | 23.502 | 264 | 9434m | 0.400 | ng/ul | -0.03 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.164 | 96 | 33724 | 6.199 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.096 | 152 | 6273 | 0.361 | ng/ul | -0.05 |
| 18) Fluoranthene-d10 | 19.117 | 212 | 15971 | 0.535 | ng/ul | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.534 | 128 | 12131 | 0.340 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.387 | 142 | 908 | 0.040 | ng/ul | 100 |
| 10) Acenaphthylene | 14.061 | 152 | 1736 | 0.063 | ng/ul# | 70 |
| 11) Acenaphthene | 14.404 | 153 | 156854 | 7.060 | ng/ul | 98 |
| 12) Fluorene | 15.394 | 166 | 31211 | 1.263 | ng/ul | 99 |
| 15) Phenanthrene | 17.127 | 178 | 2055m | 0.054 | ng/ul | |
| 16) Anthracene | 17.216 | 178 | 10194m | 0.286 | ng/ul | |
| 19) Fluoranthene | 19.145 | 202 | 1133 | 0.028 | ng/ul# | 53 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110424\
Data File : BM048431.D
Acq On : 04 Nov 2024 17:51
Operator : RC/JU
Sample : P4625-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 04 22:06:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
C0AA0

**Manual IntegrationsAPPROVED**

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024