Quantitation Report (Qedit)

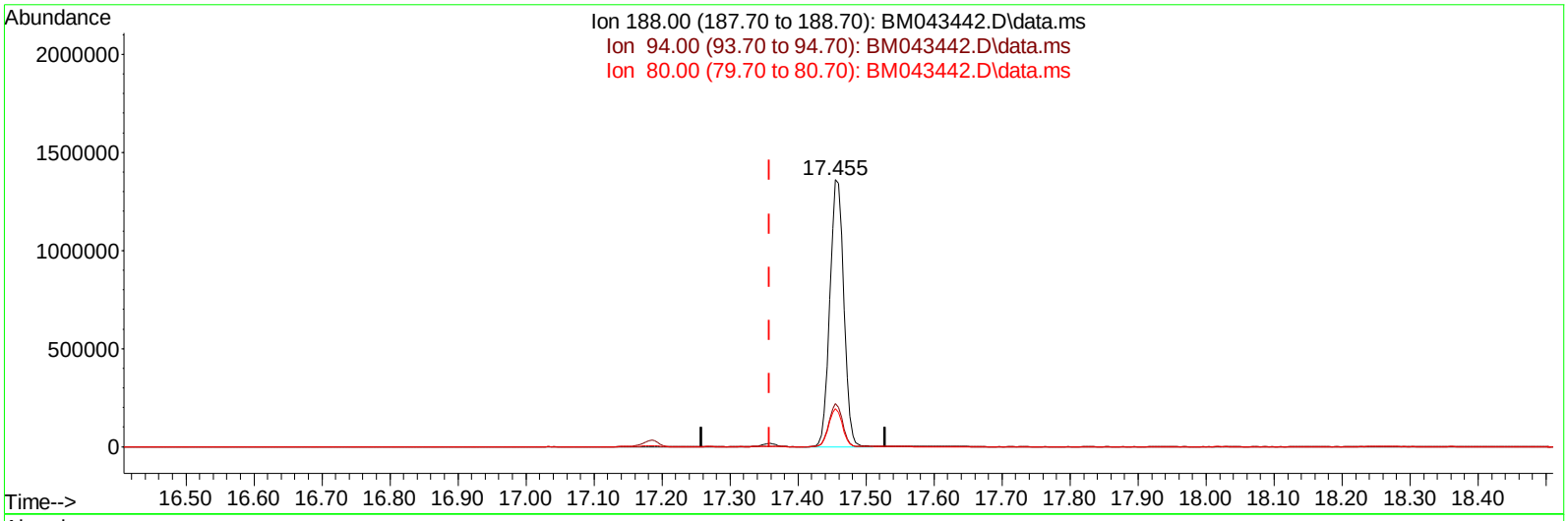
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
Data File : BM043442.D
Acq On : 20 Dec 2023 00:53
Operator : MA/JU
Sample : 05894-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

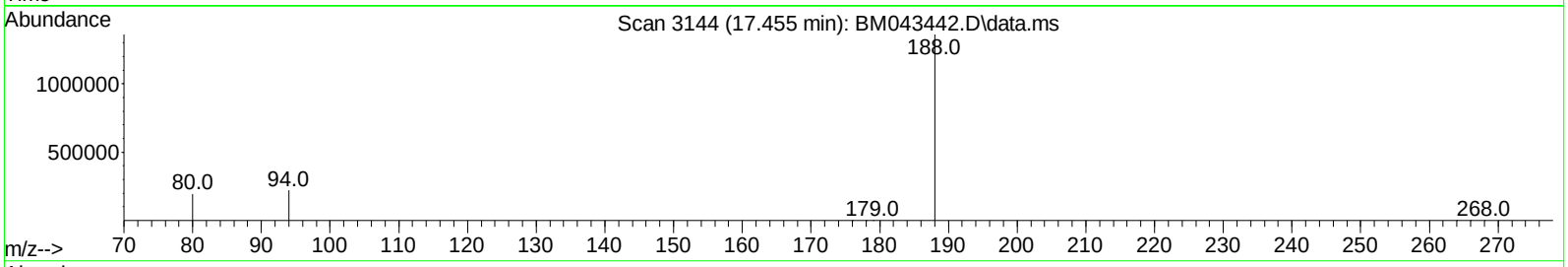
Quant Time: Dec 20 01:47:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration

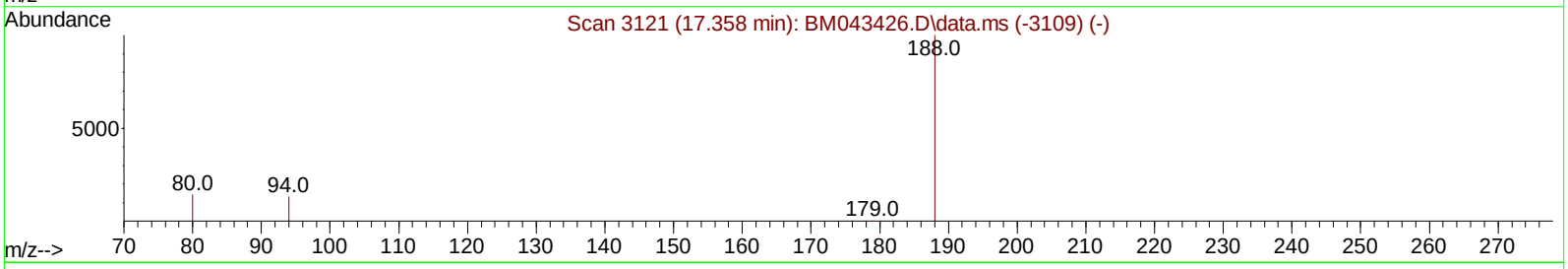
**Instrument :**
BNA_M
**ClientSampleId :**
BH3K4

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/22/2023




TIC: BM043442.D\data.ms

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

**17.455min (+ 0.097) 0.40 ng/ul**

**response 1931246**

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100.00 | 100.00 |
| 94.00 | 12.30 | 16.14# |
| 80.00 | 13.20 | 14.25 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

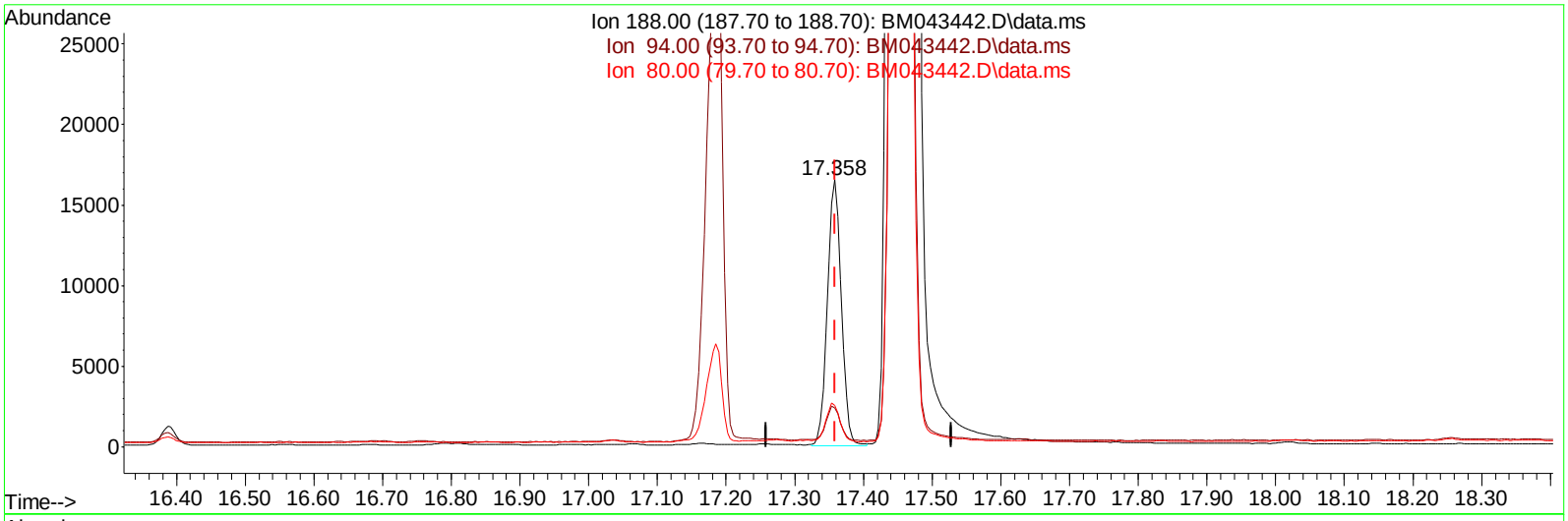
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
Data File : BM043442.D
Acq On : 20 Dec 2023 00:53
Operator : MA/JU
Sample : 05894-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

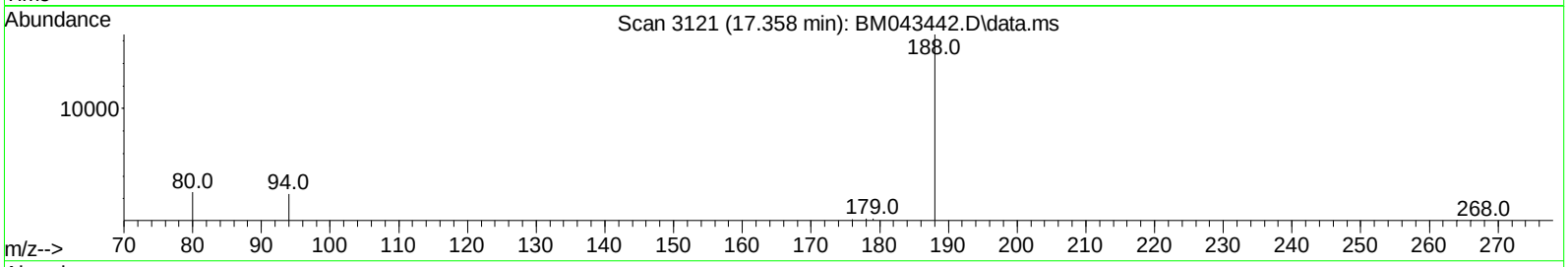
Quant Time: Dec 20 01:47:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration

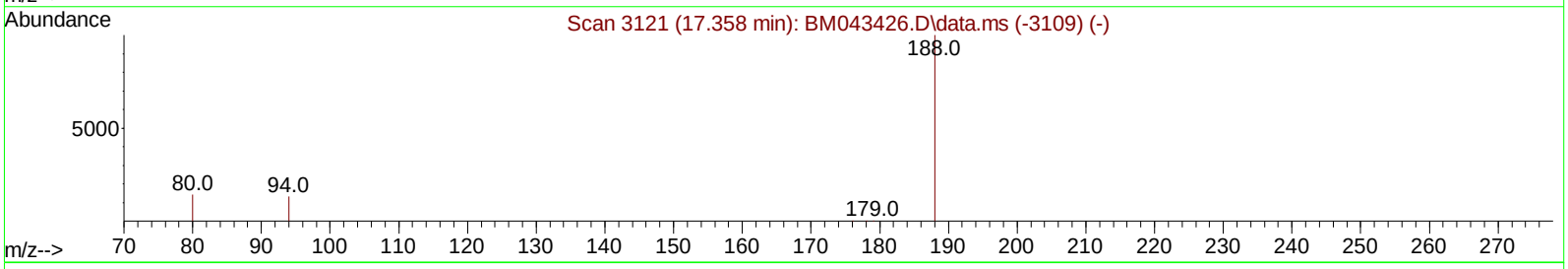
**Instrument :**
BNA_M
**ClientSampleId :**
BH3K4

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/22/2023




TIC: BM043442.D\data.ms

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

**17.358min (-0.000) 0.40 ng/ul m**

**response 23118**

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100.00 | 100.00 |
| 94.00 | 12.30 | 14.64 |
| 80.00 | 13.20 | 15.46 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

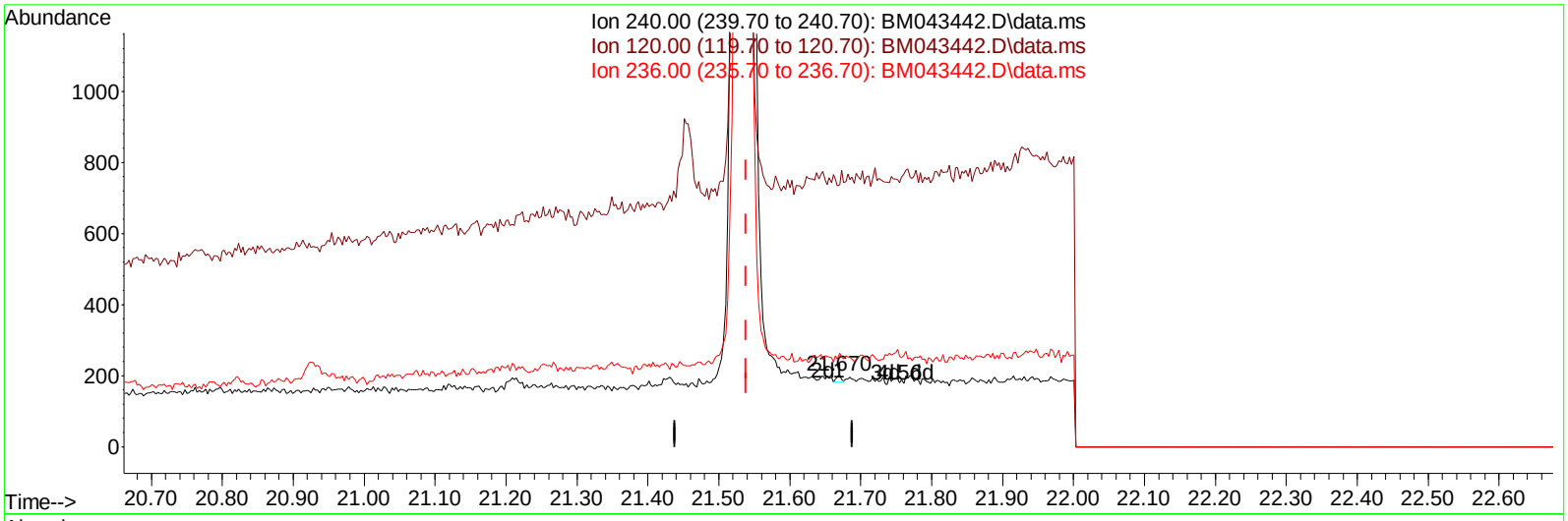
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
Data File : BM043442.D
Acq On : 20 Dec 2023 00:53
Operator : MA/JU
Sample : 05894-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

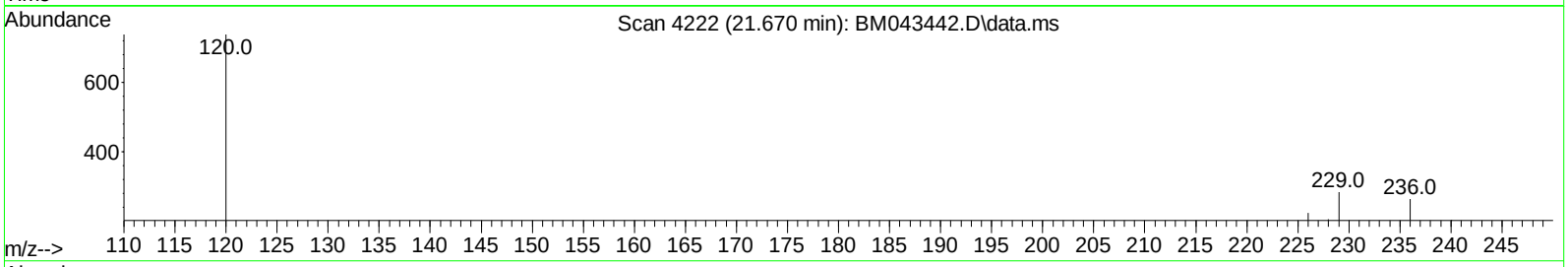
Quant Time: Dec 20 01:47:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration

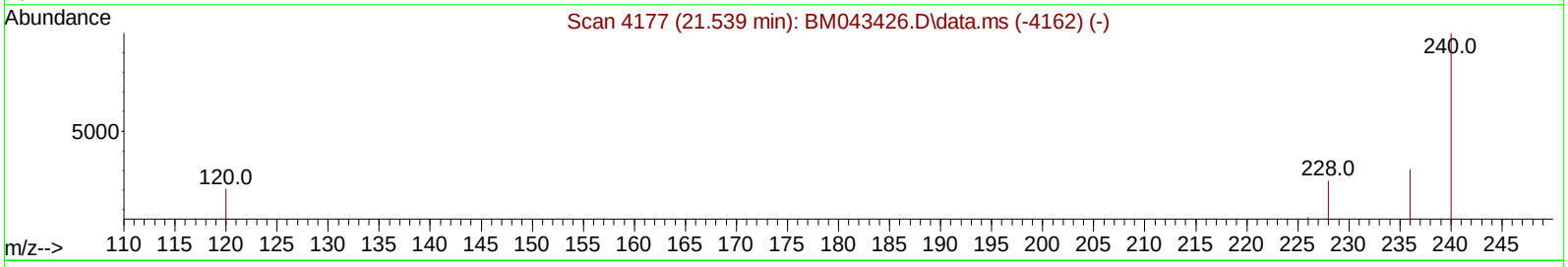
**Instrument :**
BNA_M
**ClientSampleId :**
BH3K4

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/22/2023




TIC: BM043442.D\data.ms

**(17) Chrysene-d12**

**21.670min (+ 0.131) 0.40 ng/ul**

**response 10**

| Ion | Exp% | Act% |
|---|---|---|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 20.60 | 365.35# |
| 236.00 | 31.10 | 130.69# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

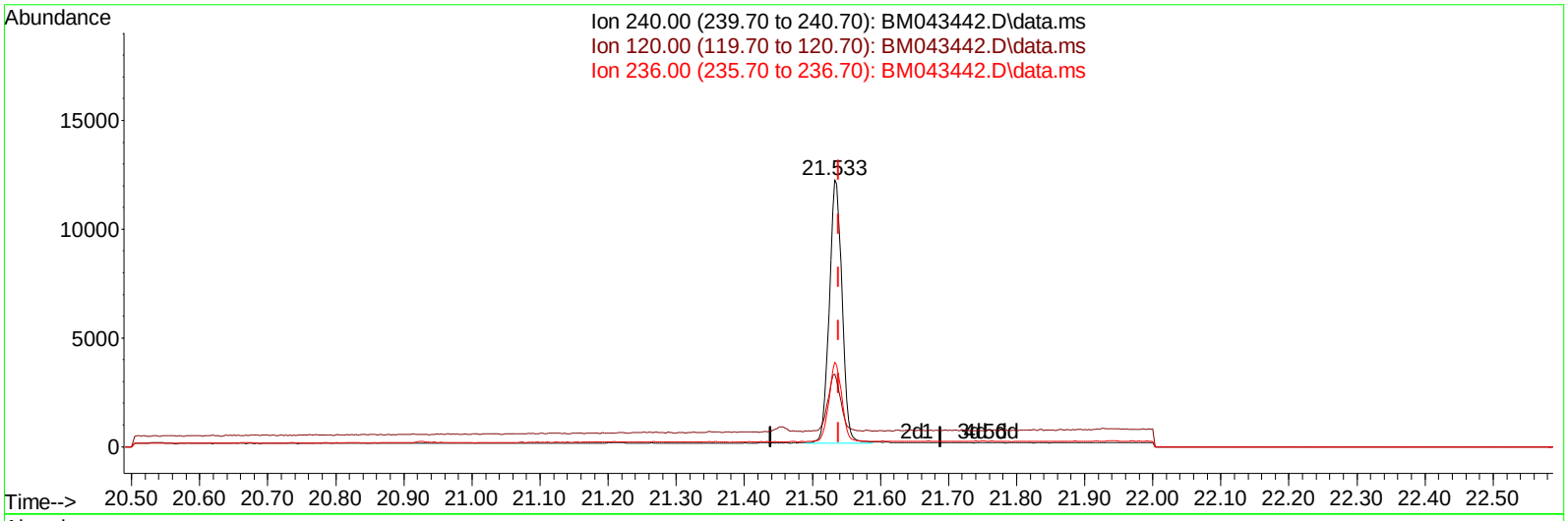
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
Data File : BM043442.D
Acq On : 20 Dec 2023 00:53
Operator : MA/JU
Sample : 05894-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

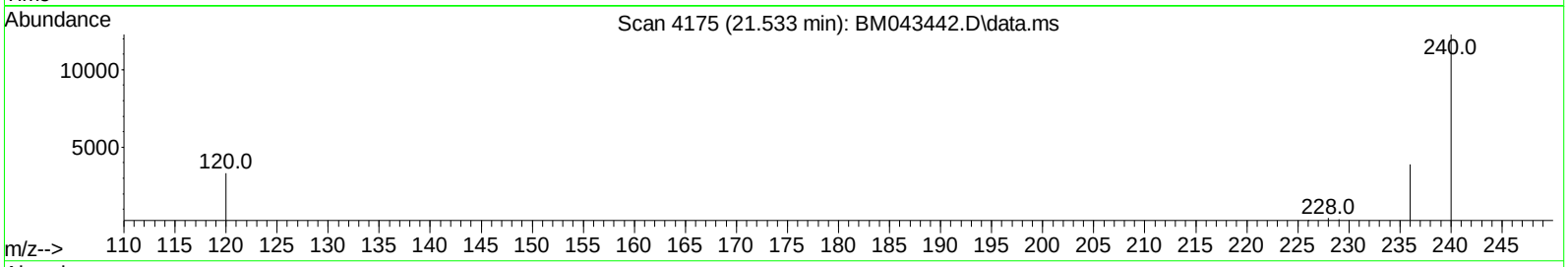
Quant Time: Dec 20 01:47:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration

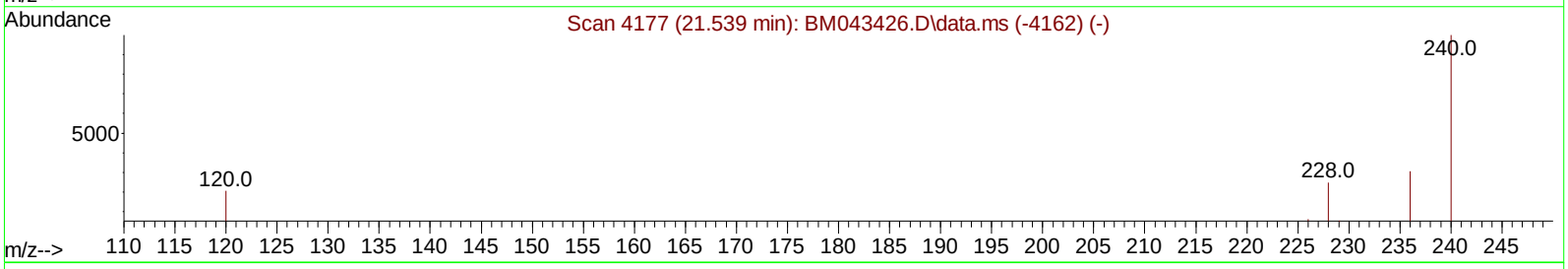
**Instrument :**
BNA_M
**ClientSampleId :**
BH3K4

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/22/2023




TIC: BM043442.D\data.ms

**(17) Chrysene-d12**

**21.533min (-0.006) 0.40 ng/ul m**

**response 15722**

| Ion | Exp% | Act% |
|---|---|---|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 20.60 | 27.16# |
| 236.00 | 31.10 | 31.81 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

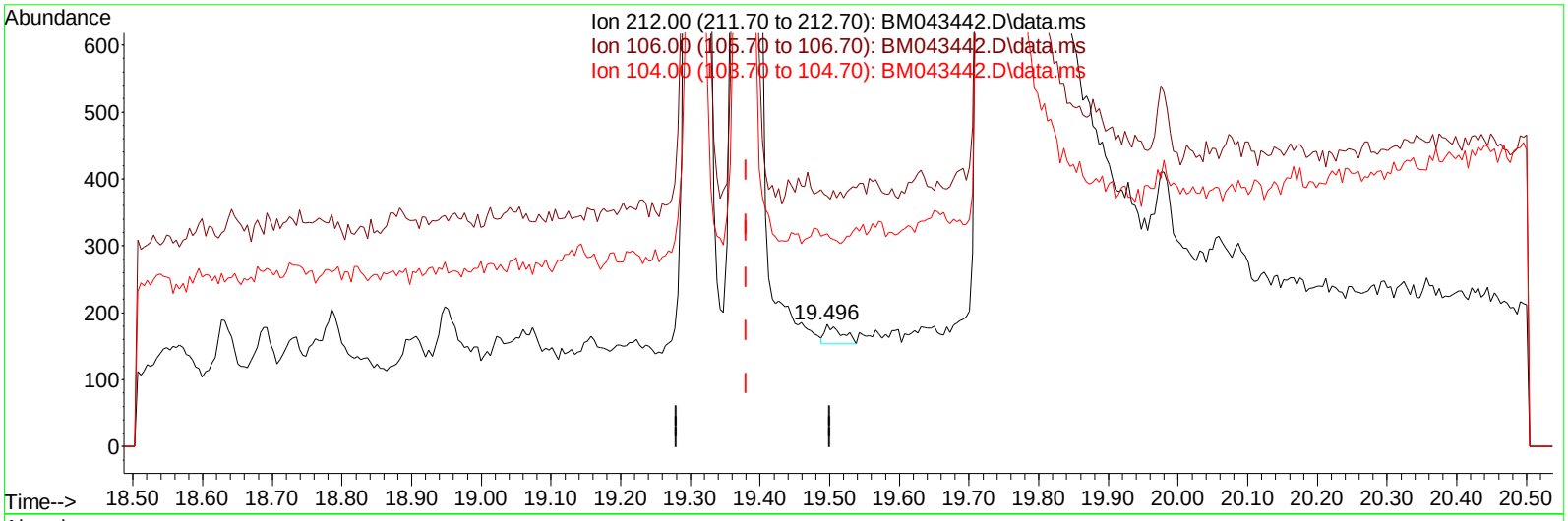
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
Data File : BM043442.D
Acq On : 20 Dec 2023 00:53
Operator : MA/JU
Sample : 05894-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

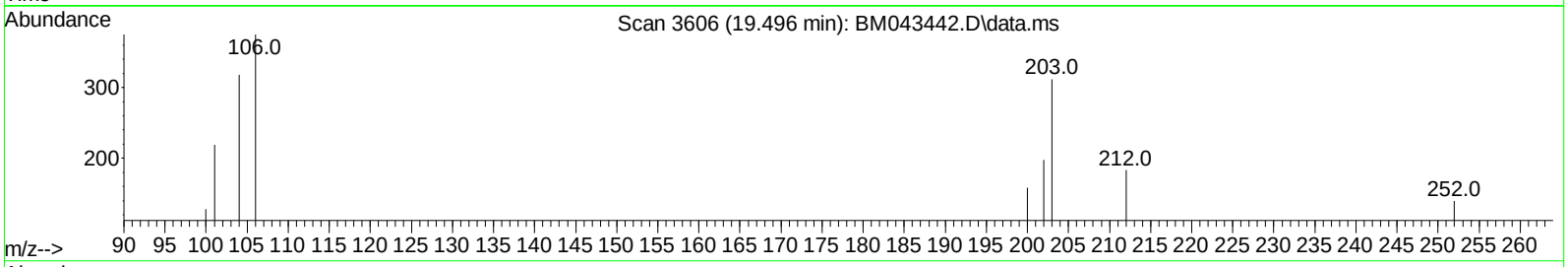
Quant Time: Dec 20 01:47:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration

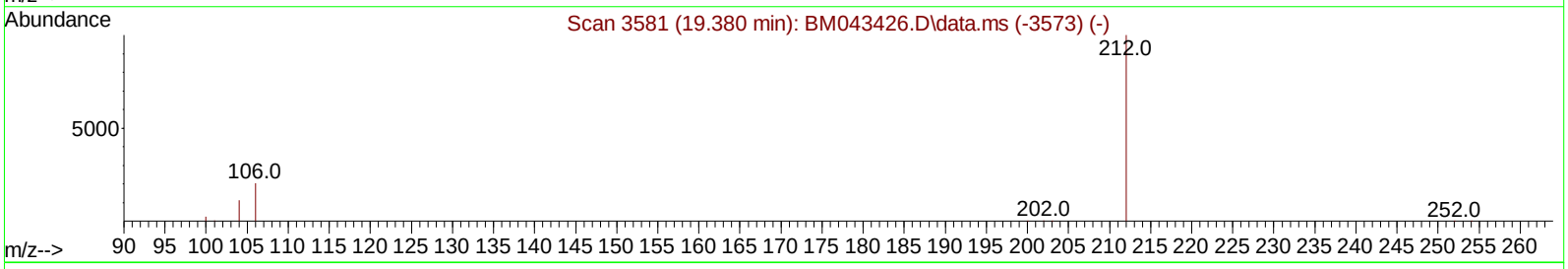
**Instrument :**
BNA_M
**ClientSampleId :**
BH3K4

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/22/2023




TIC: BM043442.D\data.ms

**(18) Fluoranthene-d10 (SURR)**

**19.496min (+ 0.116) 0.00 ng/ul**

**response 48**

| Ion | Exp% | Act% |
|---|---|---|
| 212.00 | 100.00 | 100.00 |
| 106.00 | 19.40 | 25.00# |
| 104.00 | 11.00 | 0.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

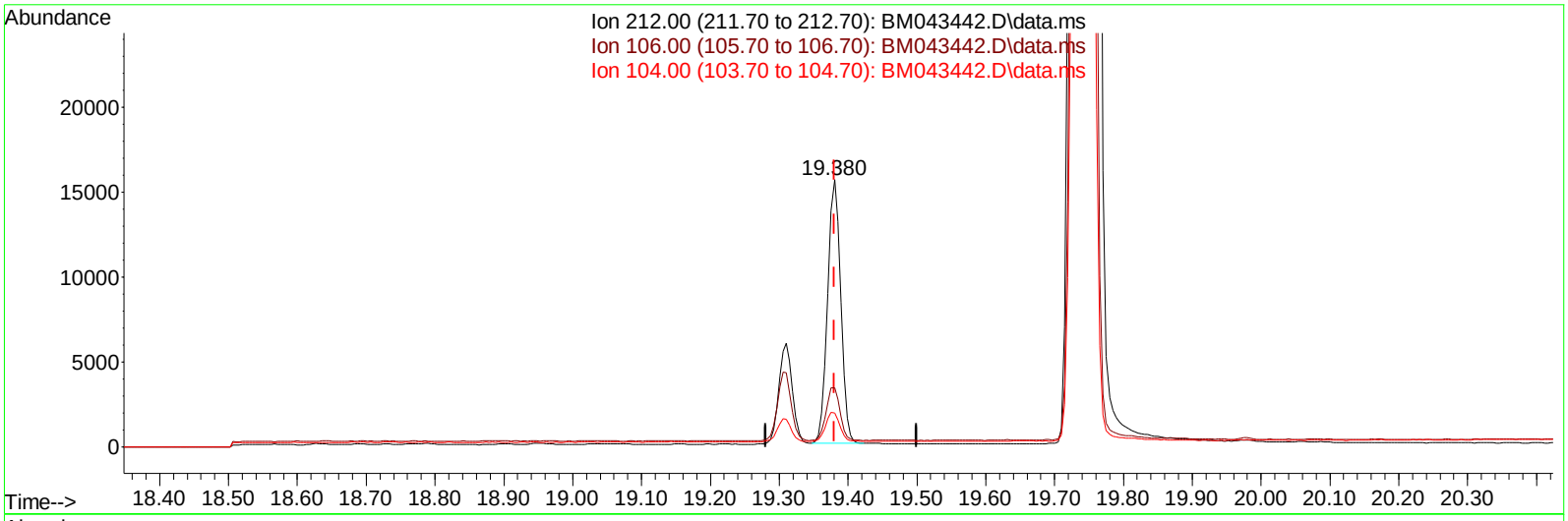
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
Data File : BM043442.D
Acq On : 20 Dec 2023 00:53
Operator : MA/JU
Sample : 05894-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

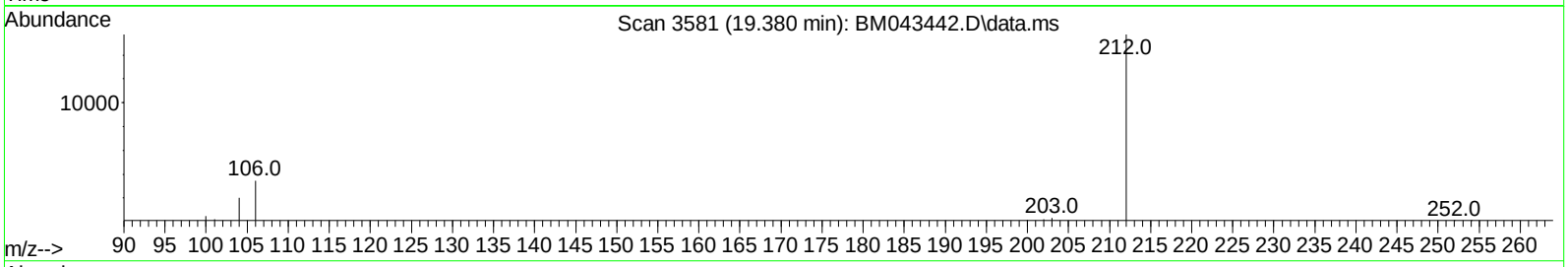
Quant Time: Dec 20 01:47:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration

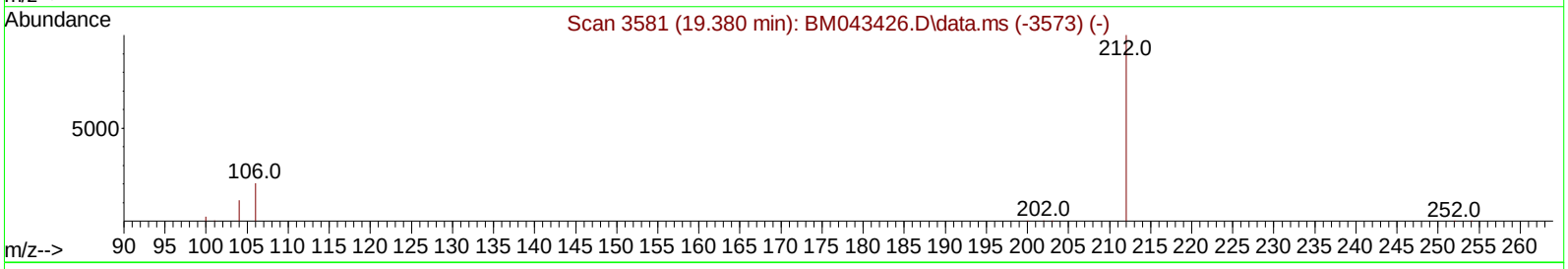
**Instrument :**
BNA_M
**ClientSampleId :**
BH3K4

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/22/2023




TIC: BM043442.D\data.ms

**(18) Fluoranthene-d10 (SURR)**

**19.380min (-0.000) 0.36 ng/ul m**

**response 20253**

| Ion | Exp% | Act% |
|---|---|---|
| 212.00 | 100.00 | 100.00 |
| 106.00 | 19.40 | 0.06# |
| 104.00 | 11.00 | 0.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

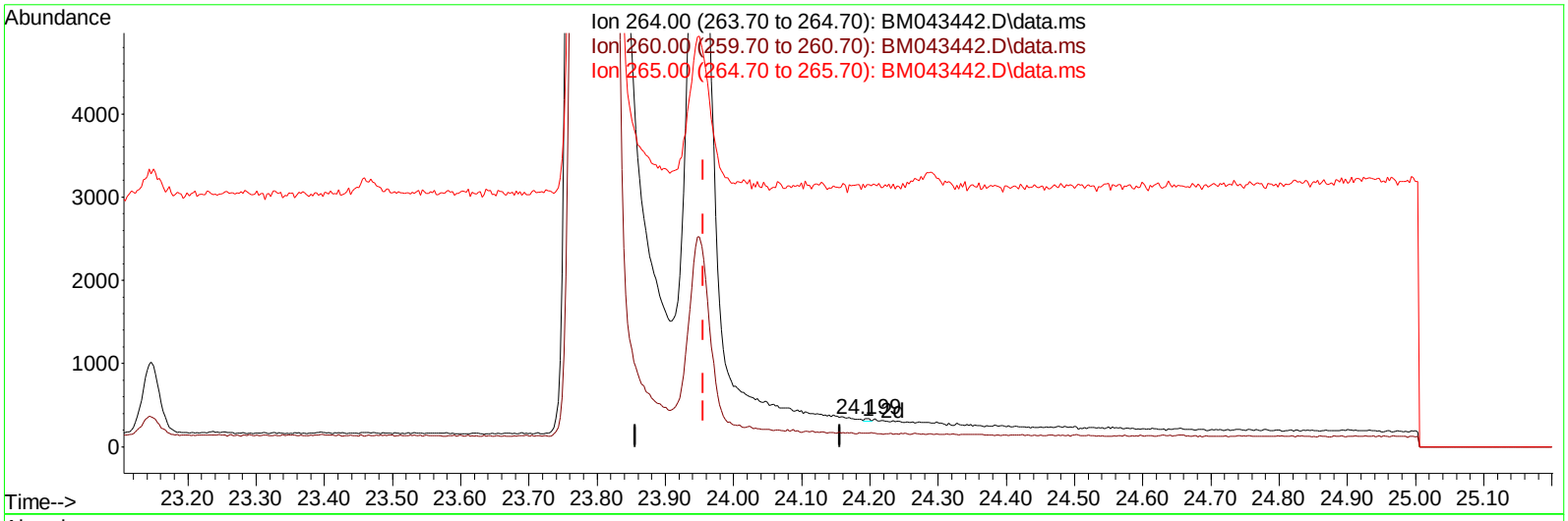
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
Data File : BM043442.D
Acq On : 20 Dec 2023 00:53
Operator : MA/JU
Sample : 05894-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

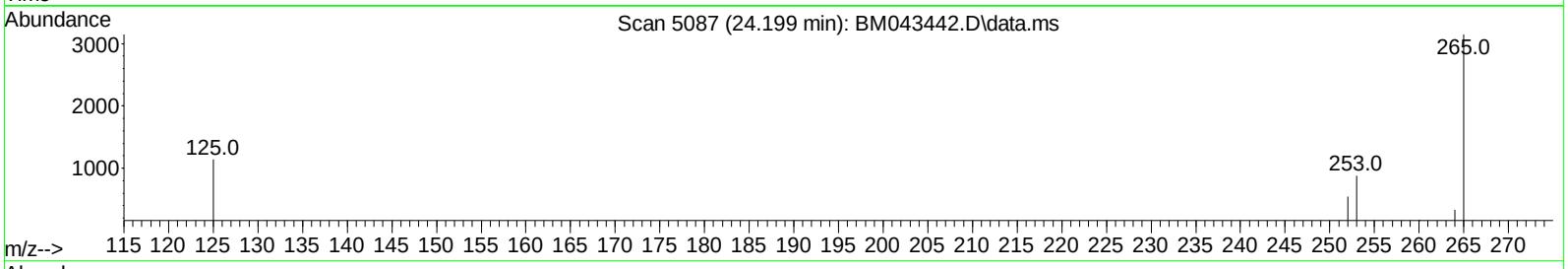
Quant Time: Dec 20 01:47:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration

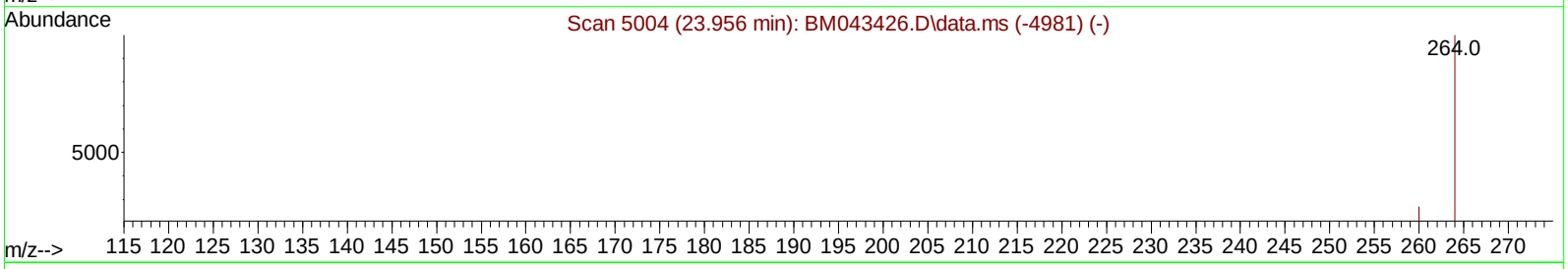
**Instrument :**
BNA_M
**ClientSampleId :**
BH3K4

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/22/2023




TIC: BM043442.D\data.ms

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

**24.199min (+ 0.243) 0.40 ng/ul**

**response 15**

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 28.30 | 47.63# |
| 265.00 | 39.10 | 931.66# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
Data File : BM043442.D
Acq On : 20 Dec 2023 00:53
Operator : MA/JU
Sample : 05894-05
Misc :
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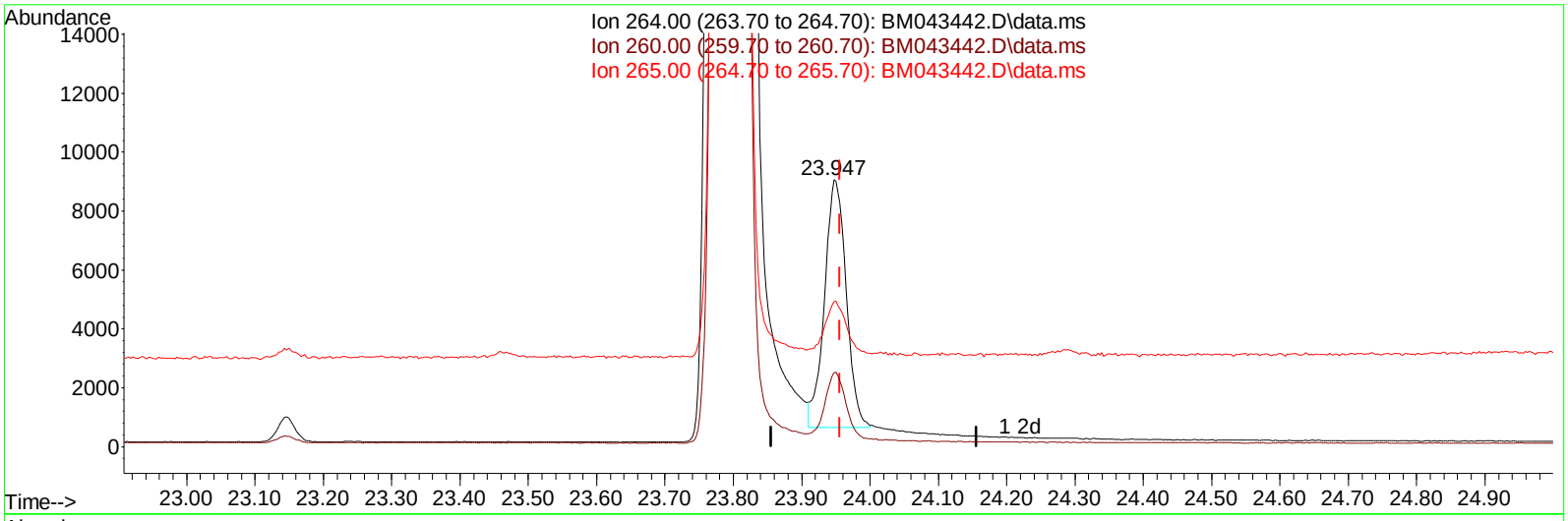
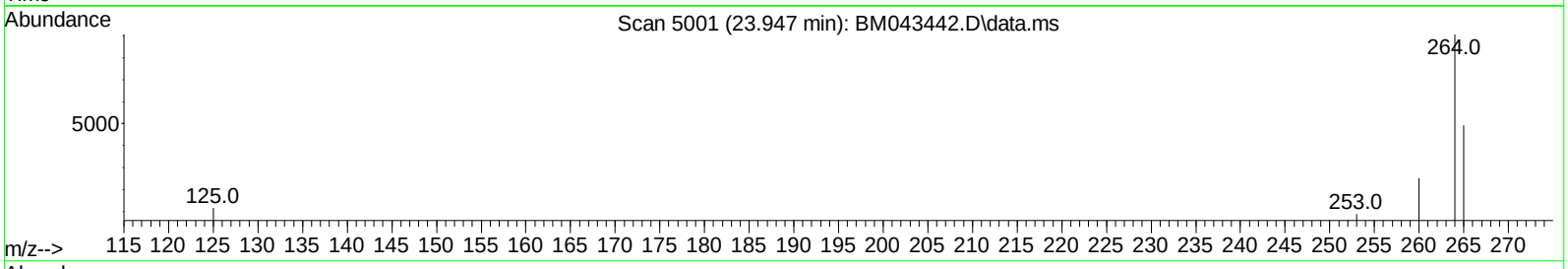
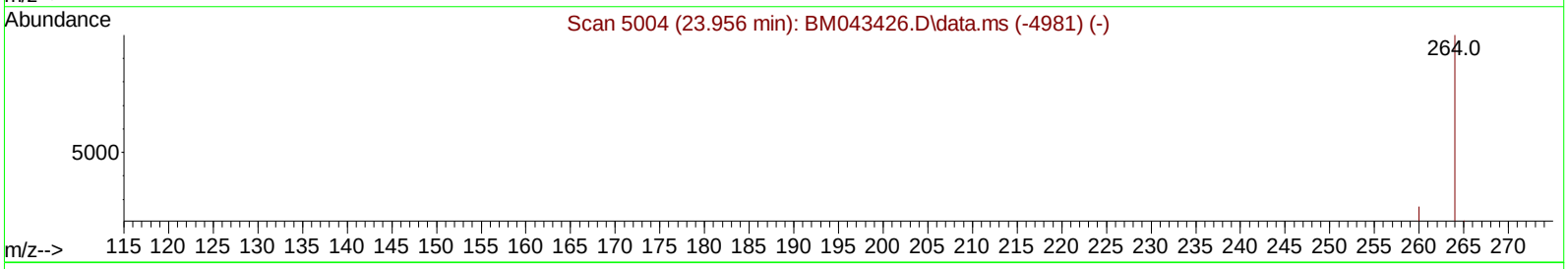
**Instrument :**
BNA_M
**ClientSampleId :**
BH3K4

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/22/2023




TIC: BM043442.D\data.ms

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

**23.947min (-0.009) 0.40 ng/ul m**

**response 18627**

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 28.30 | 27.81 |
| 265.00 | 39.10 | 54.36# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
Data File : BM043442.D
Acq On : 20 Dec 2023 00:53
Operator : MA/JU
Sample : 05894-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

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**Instrument :**
BNA_M
**ClientSampleId :**
BH3K4

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/22/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.984 | 152 | 6422 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.790 | 136 | 20075 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.615 | 164 | 10948 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.358 | 188 | 23118m | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.533 | 240 | 15722m | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.947 | 264 | 18627m | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.381 | 96 | 31989 | 3.942 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.374 | 152 | 9611 | 0.338 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.380 | 212 | 20253m | 0.361 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |

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

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ALS Vial : 18 Sample Multiplier: 1

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**Instrument :**
BNA_M
**ClientSampleId :**
BH3K4

**Manual IntegrationsAPPROVED**

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