Quantitation Report (Qedit)

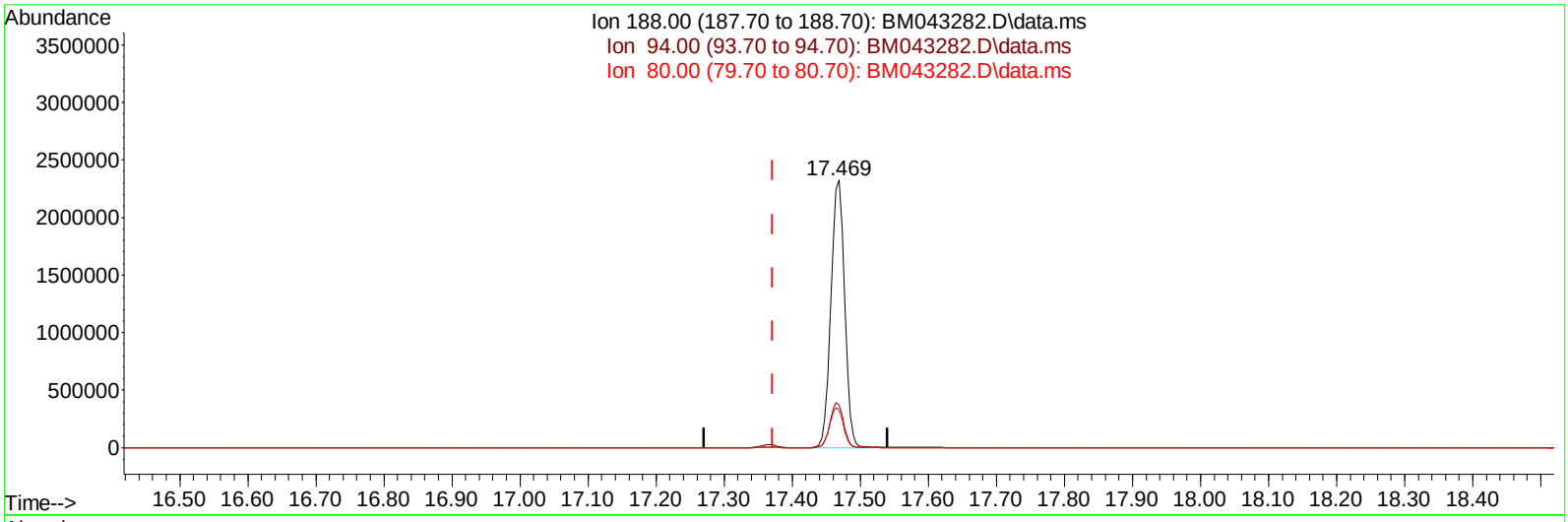
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043282.D
Acq On : 13 Dec 2023 02:47
Operator : MA/JU
Sample : 05677-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

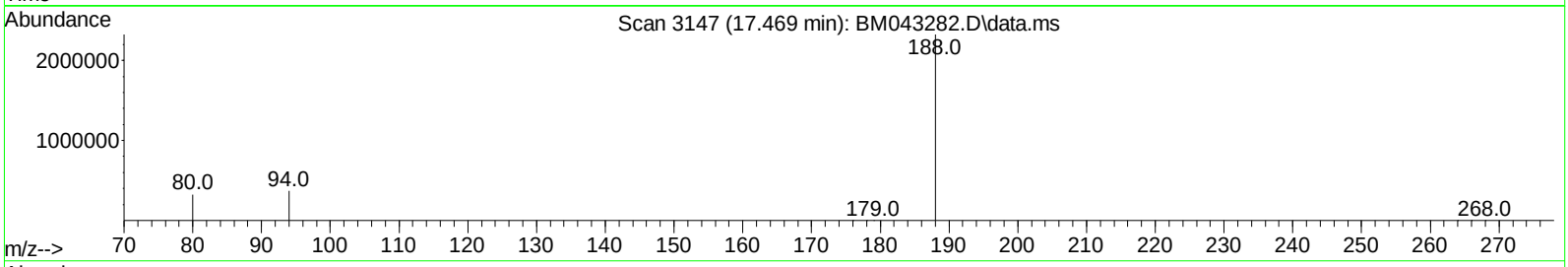
Quant Time: Dec 13 03:19:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:25:39 2023
Response via : Initial Calibration

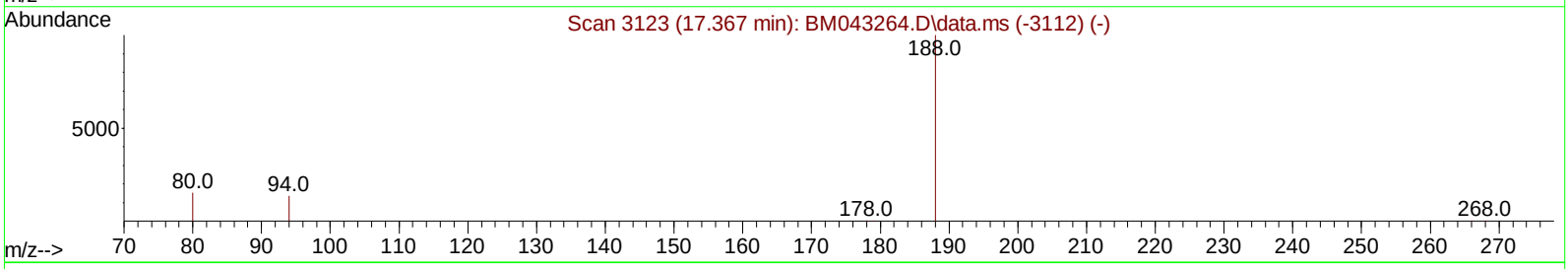
**Instrument :**
BNA_M
**ClientSampleId :**
H0AD6

**Manual IntegrationsAPPROVED**

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




TIC: BM043282.D\data.ms

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

**17.469min (+ 0.098) 0.40 ng/ul**

**response 3230637**

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100.00 | 100.00 |
| 94.00 | 12.30 | 16.01# |
| 80.00 | 13.20 | 13.99 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
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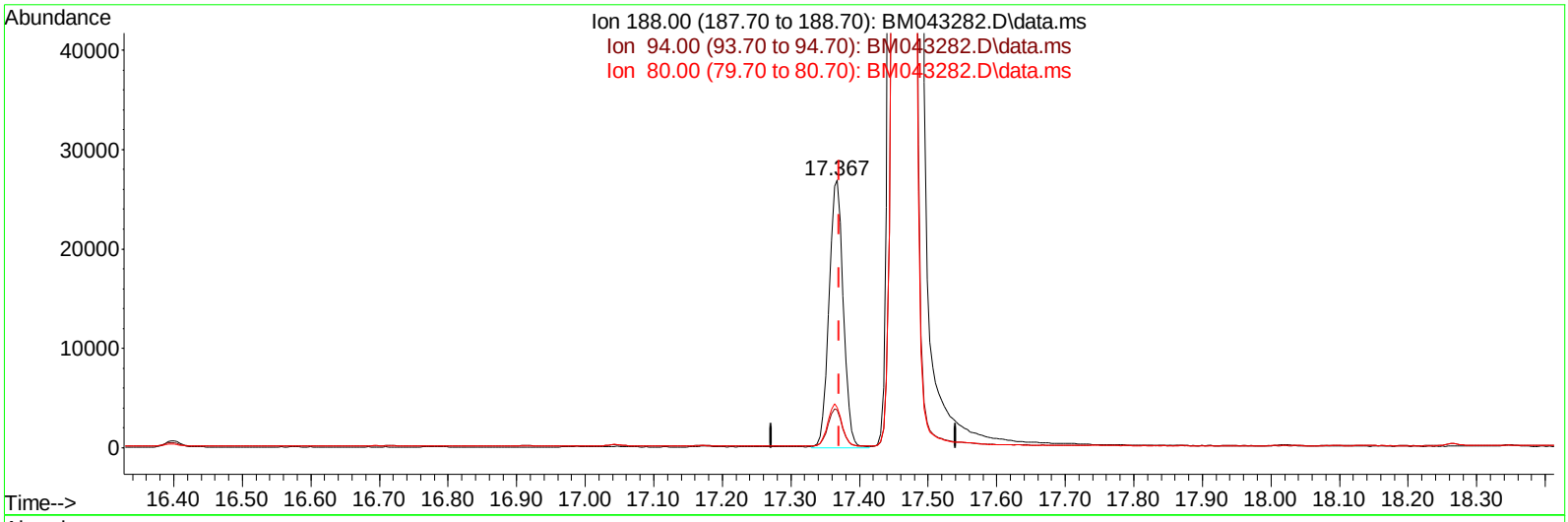
Acq On : 13 Dec 2023 02:47
Operator : MA/JU
Sample : 05677-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

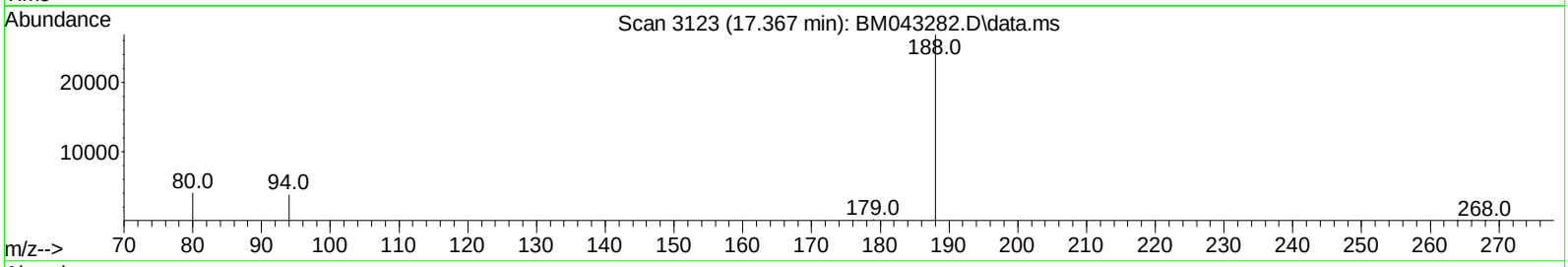
Quant Time: Dec 13 03:19:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:25:39 2023
Response via : Initial Calibration

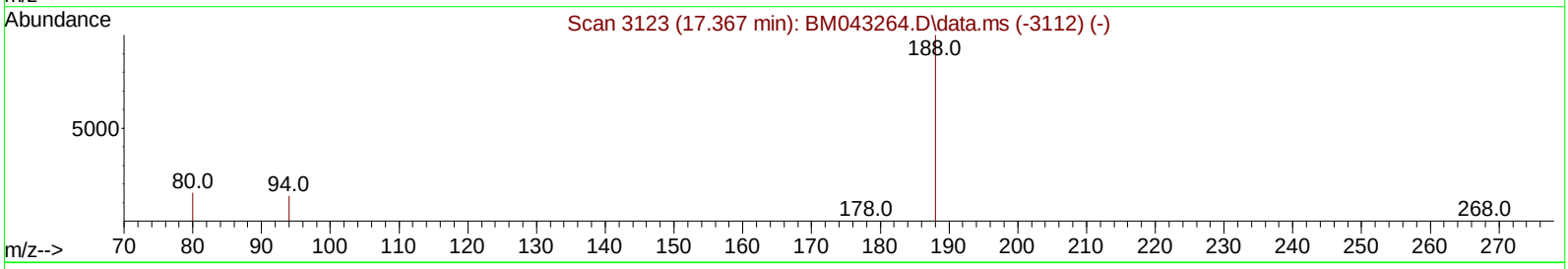
**Instrument :**
BNA_M
**ClientSampleId :**
H0AD6

**Manual IntegrationsAPPROVED**

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




TIC: BM043282.D\data.ms

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

**17.367min (-0.003) 0.40 ng/ul m**

**response 38798**

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100.00 | 100.00 |
| 94.00 | 12.30 | 14.14 |
| 80.00 | 13.20 | 15.09 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043282.D
Acq On : 13 Dec 2023 02:47
Operator : MA/JU
Sample : 05677-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

Quant Time: Dec 13 03:19:43 2023
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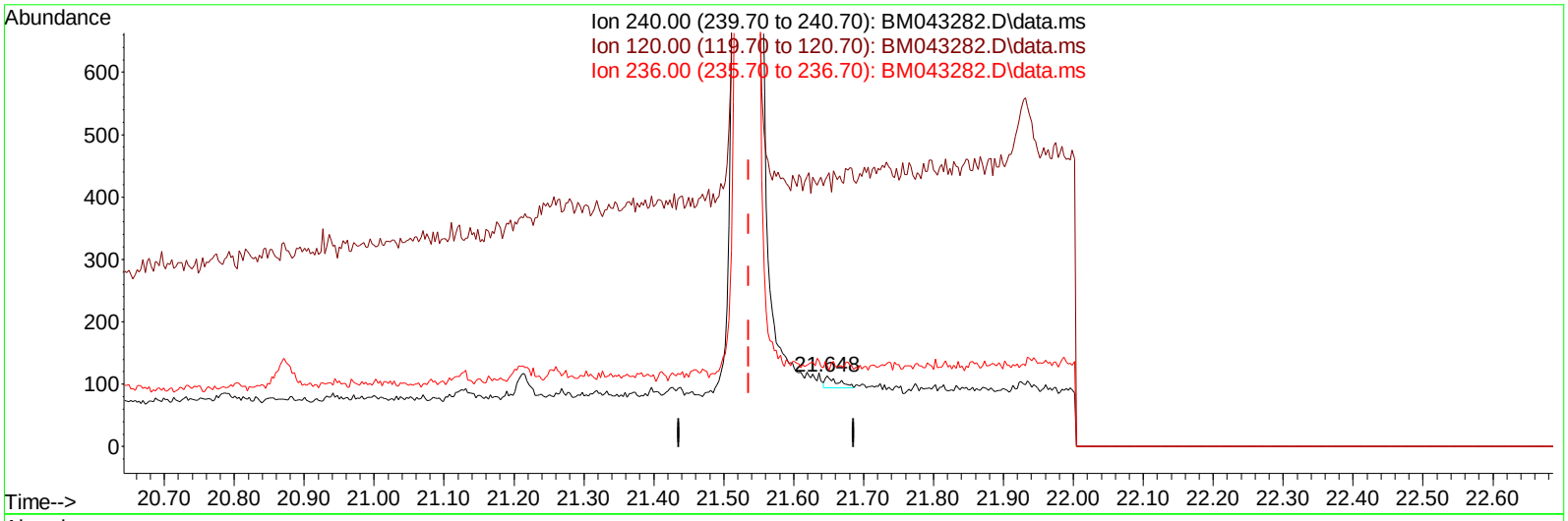
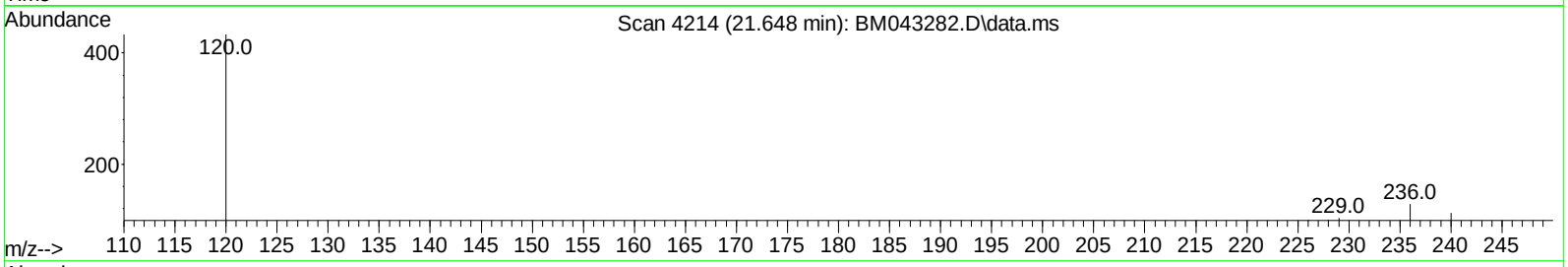
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:25:39 2023
Response via : Initial Calibration

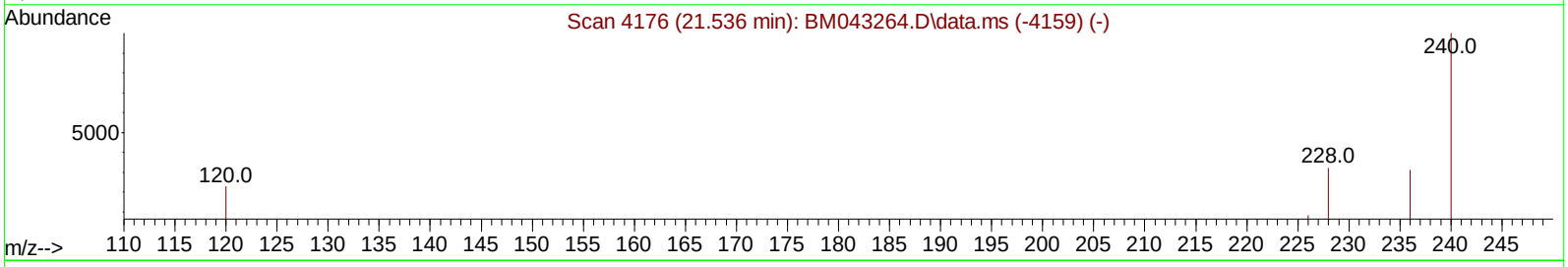
**Instrument :**
BNA_M
**ClientSampleId :**
H0AD6

**Manual IntegrationsAPPROVED**

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




TIC: BM043282.D\data.ms

**(17) Chrysene-d12**

**21.648min (+ 0.112) 0.40 ng/ul**

**response 24**

| Ion | Exp% | Act% |
|---|---|---|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 20.60 | 383.19# |
| 236.00 | 31.10 | 114.16# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
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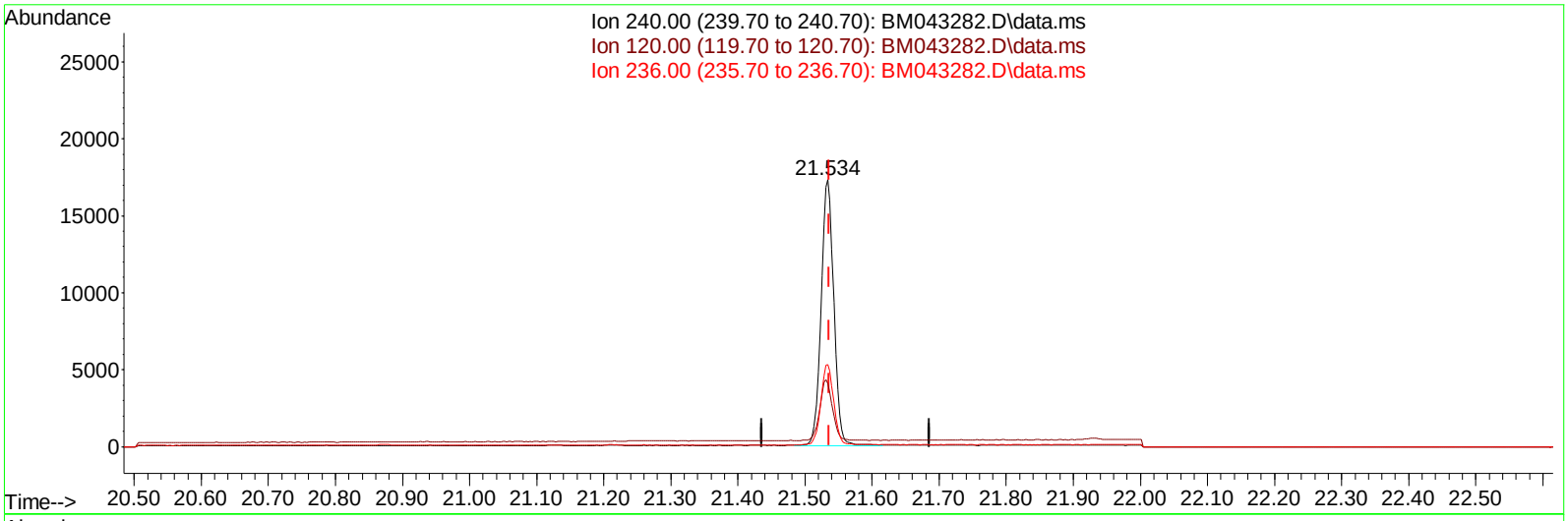
Acq On : 13 Dec 2023 02:47
Operator : MA/JU
Sample : 05677-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

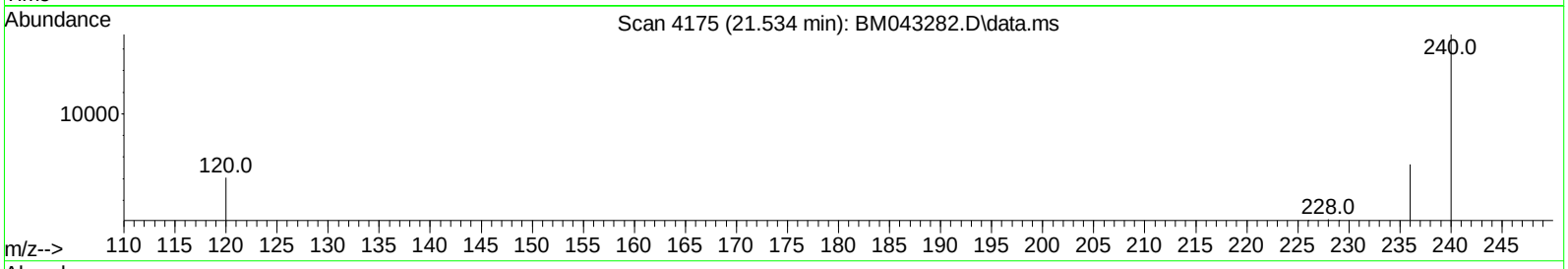
Quant Time: Dec 13 03:19:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:25:39 2023
Response via : Initial Calibration

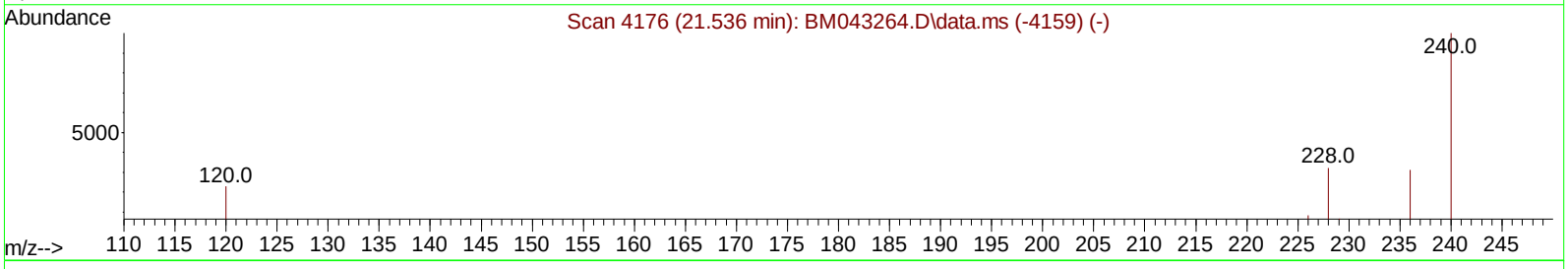
**Instrument :**
BNA_M
**ClientSampleId :**
H0AD6

**Manual IntegrationsAPPROVED**

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




TIC: BM043282.D\data.ms

**(17) Chrysene-d12**

**21.534min (-0.002) 0.40 ng/ul m**

**response 22723**

| Ion | Exp% | Act% |
|---|---|---|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 20.60 | 23.80 |
| 236.00 | 31.10 | 30.85 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

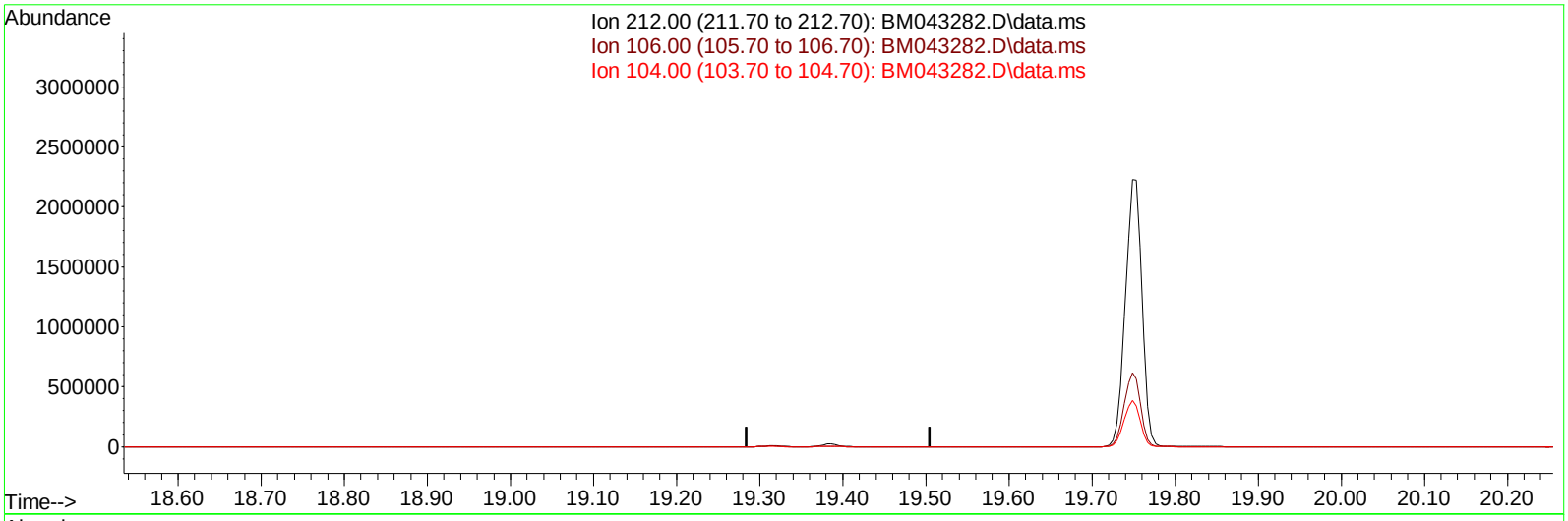
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043282.D
Acq On : 13 Dec 2023 02:47
Operator : MA/JU
Sample : 05677-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

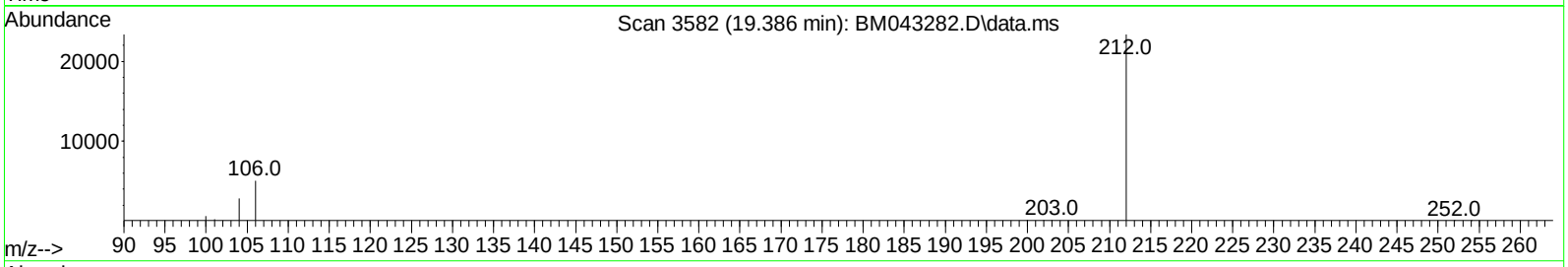
Quant Time: Dec 13 03:19:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:25:39 2023
Response via : Initial Calibration

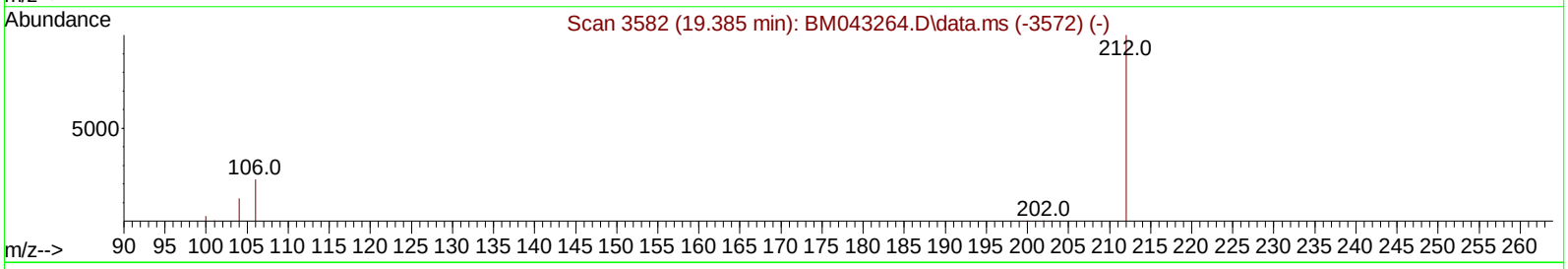
**Instrument :**
BNA_M
**ClientSampleId :**
H0AD6

**Manual IntegrationsAPPROVED**

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




TIC: BM043282.D\data.ms

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

**19.385min (-19.385) 0.00 ng/ul**

**response 0**

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

Quantitation Report (Qedit)

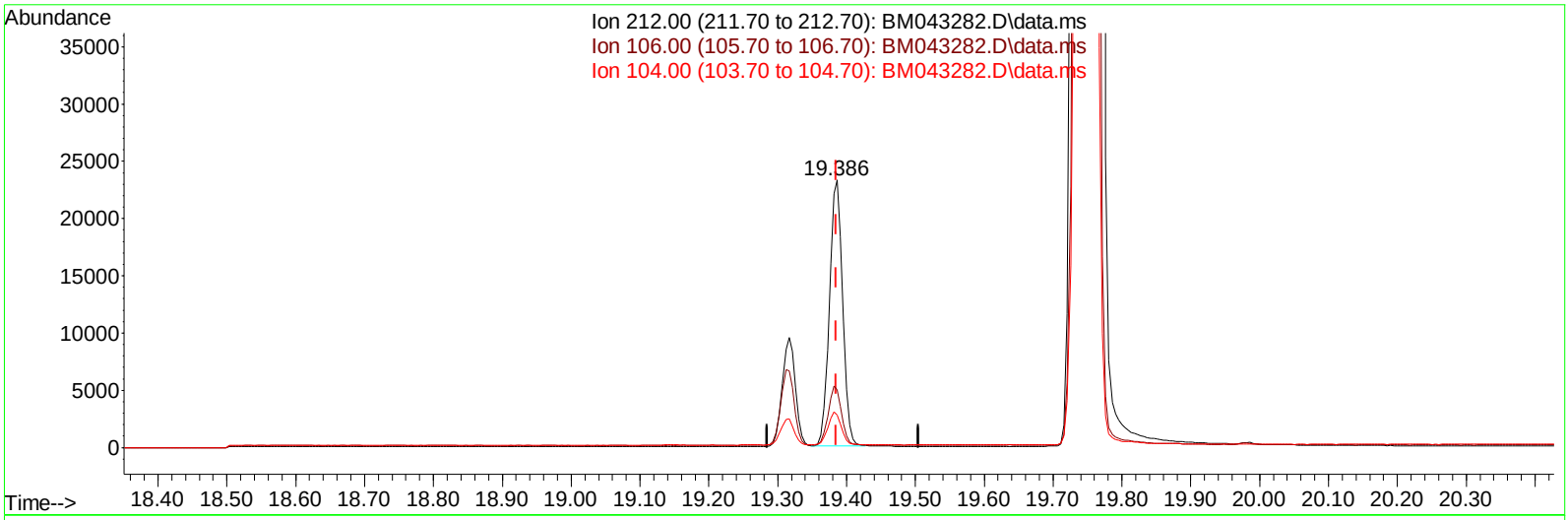
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043282.D
Acq On : 13 Dec 2023 02:47
Operator : MA/JU
Sample : 05677-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

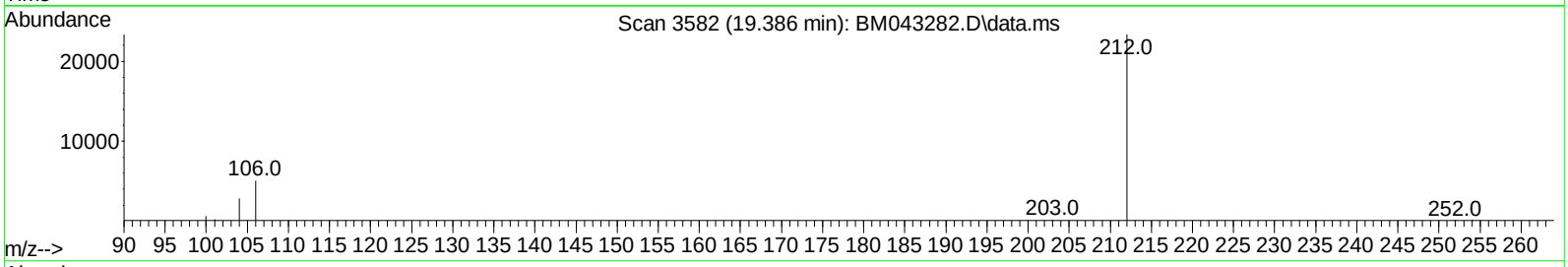
Quant Time: Dec 13 03:19:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:25:39 2023
Response via : Initial Calibration

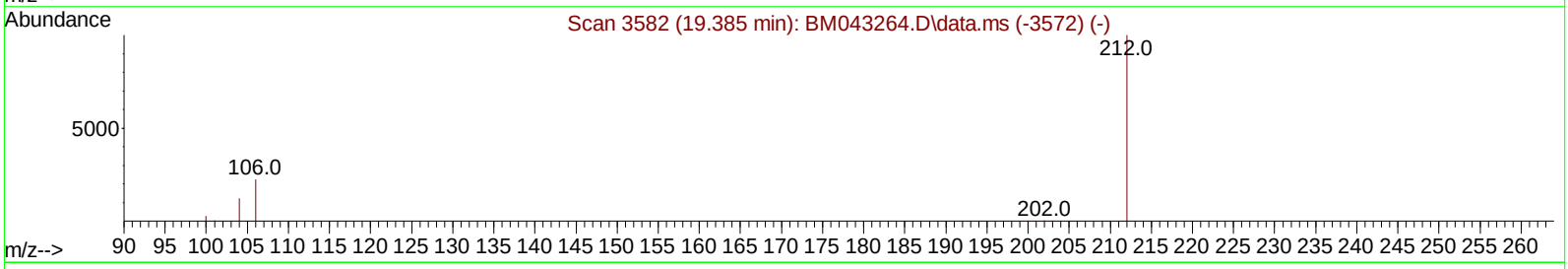
**Instrument :**
BNA_M
**ClientSampleId :**
H0AD6

**Manual IntegrationsAPPROVED**

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




TIC: BM043282.D\data.ms

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

**19.386min (+ 0.001) 0.38 ng/ul m**

**response 30966**

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

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043282.D
Acq On : 13 Dec 2023 02:47
Operator : MA/JU
Sample : 05677-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

Quant Time: Dec 13 03:19:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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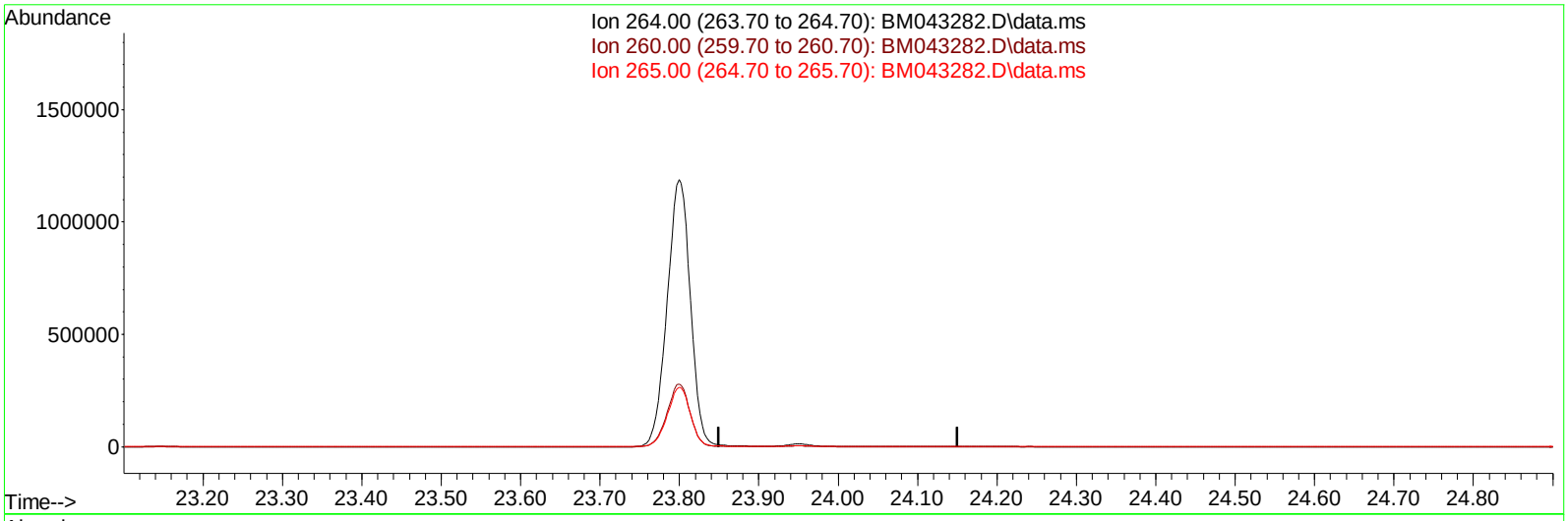
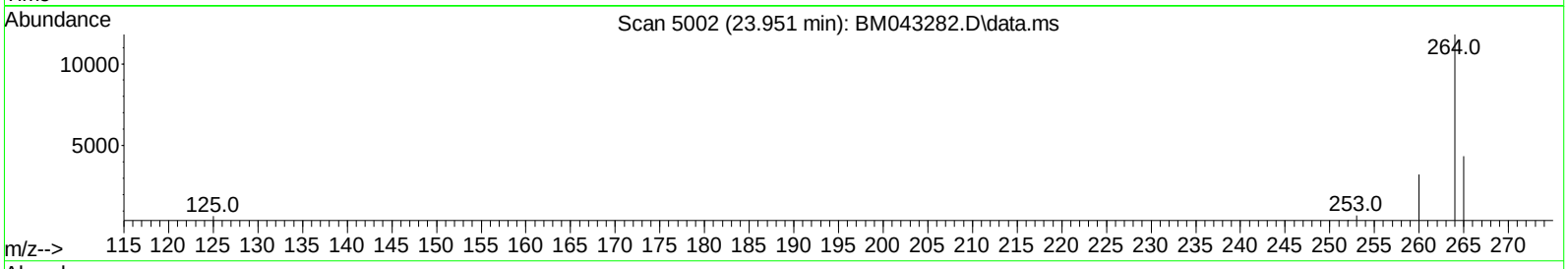
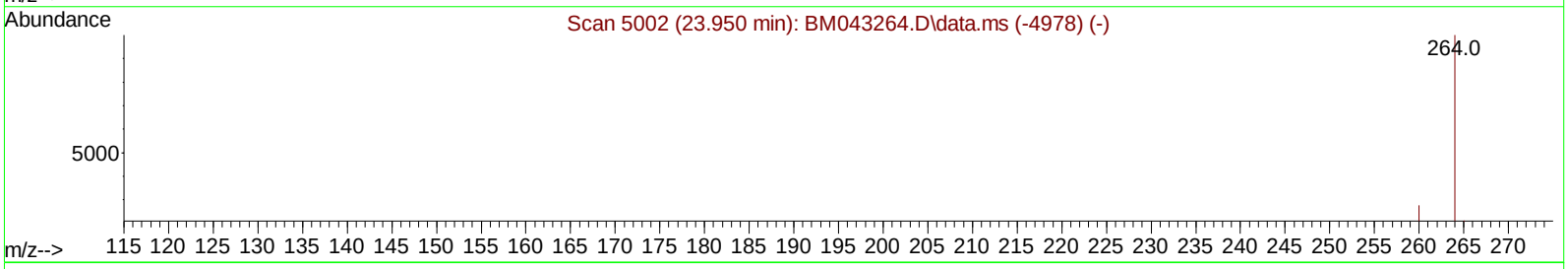
**Instrument :**
BNA_M
**ClientSampleId :**
H0AD6

**Manual IntegrationsAPPROVED**

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




TIC: BM043282.D\data.ms

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

**23.950min (-23.950) 0.00 ng/ul**

**response 0**

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

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
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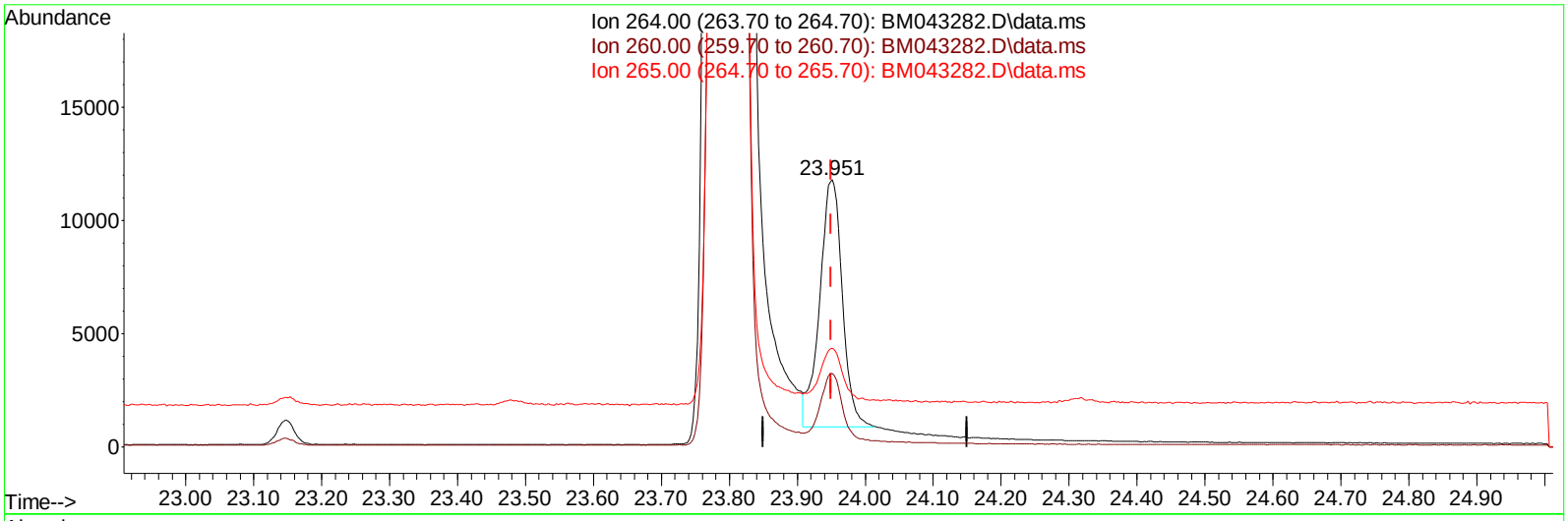
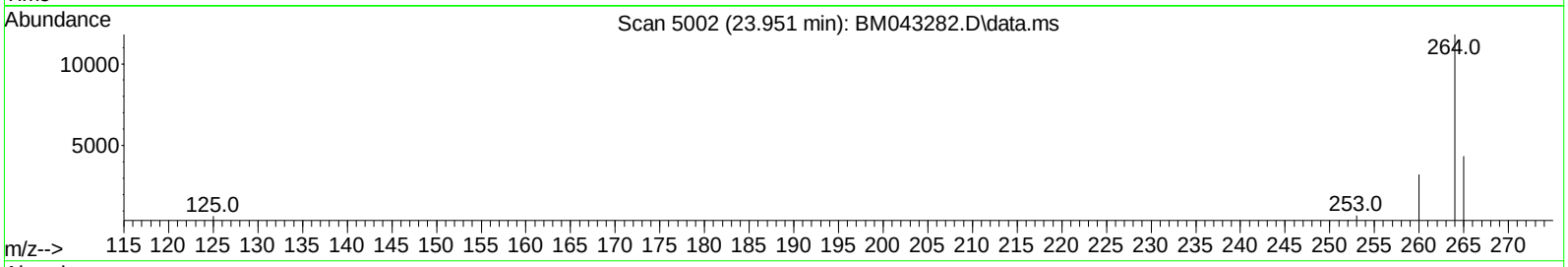
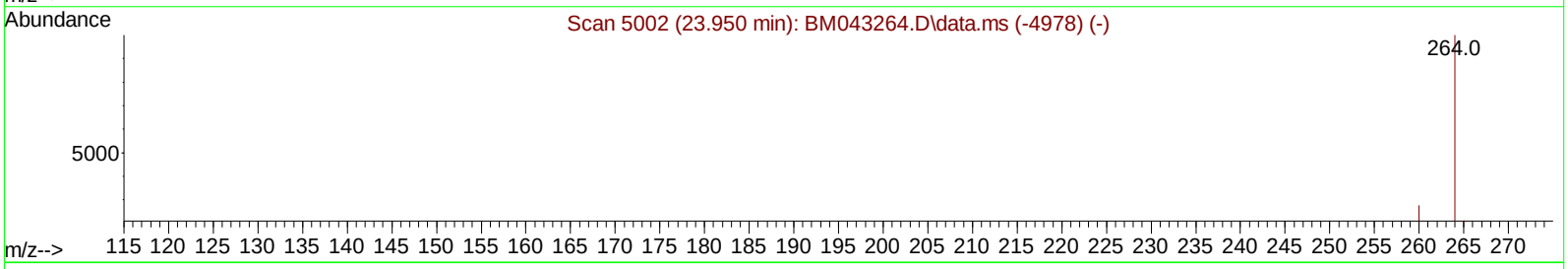
**Instrument :**
BNA_M
**ClientSampleId :**
H0AD6

**Manual IntegrationsAPPROVED**

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




TIC: BM043282.D\data.ms

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

**23.951min (+ 0.001) 0.40 ng/ul m**

**response 25330**

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 28.30 | 27.41 |
| 265.00 | 39.10 | 36.81 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043282.D
Acq On : 13 Dec 2023 02:47
Operator : MA/JU
Sample : 05677-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

Quant Time: Dec 13 03:19:43 2023
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**Instrument :**
BNA_M
**ClientSampleId :**
H0AD6

**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 | 10667 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.808 | 136 | 35307 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.625 | 164 | 19371 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.367 | 188 | 38798m | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.534 | 240 | 22723m | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.951 | 264 | 25330m | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.398 | 96 | 62508 | 4.638 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.392 | 152 | 15956 | 0.319 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.386 | 212 | 30966m | 0.381 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.436 | 88 | 19521 | 1.444 | ng/ul# | 79 |

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

Quantitation Report (QT Reviewed)

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