Quantitation Report (Qedit)

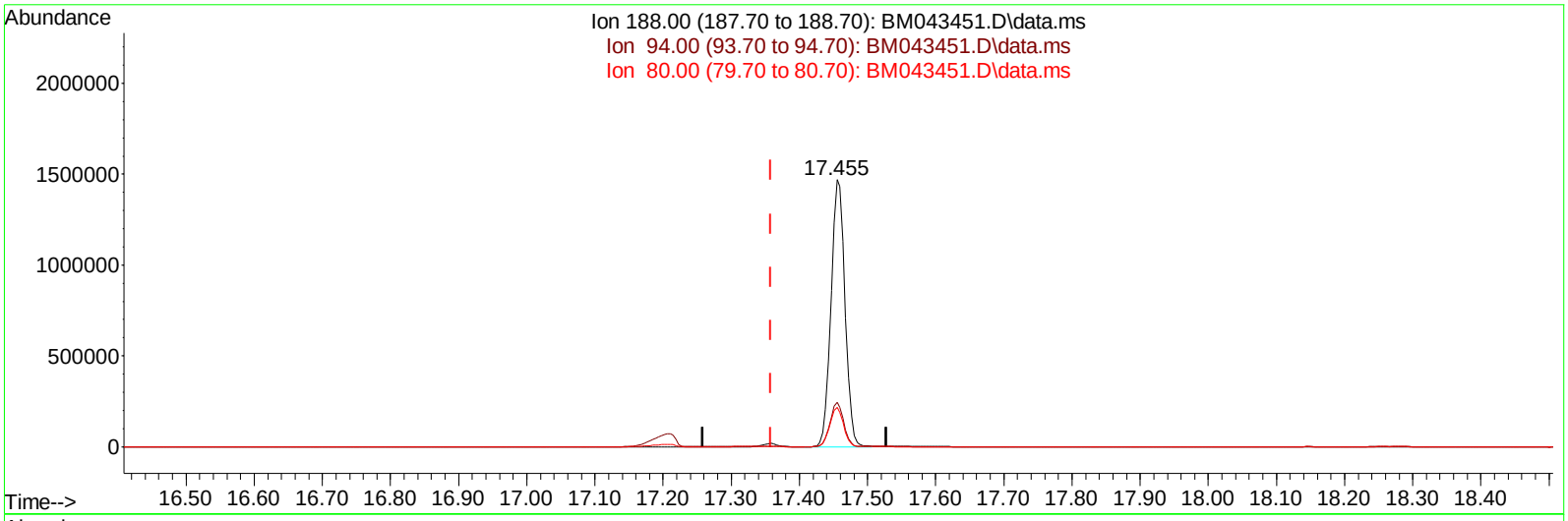
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
Data File : BM043451.D
Acq On : 20 Dec 2023 06:53
Operator : MA/JU
Sample : 05894-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

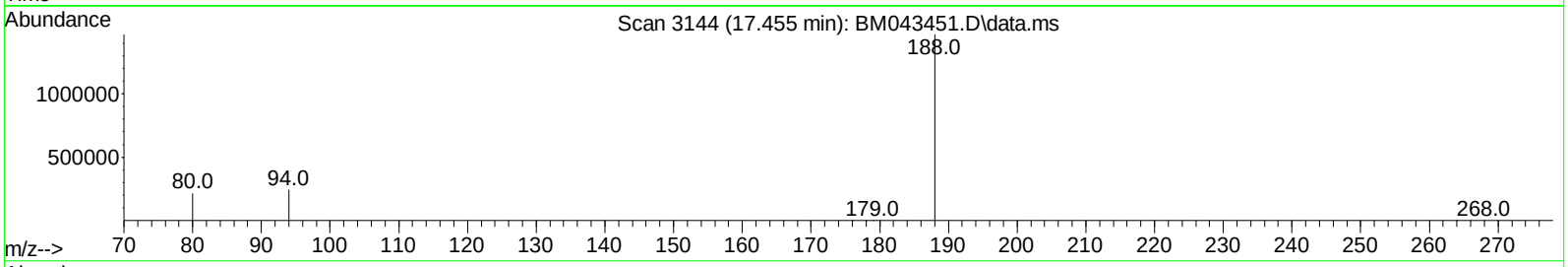
Quant Time: Dec 20 07:23:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration

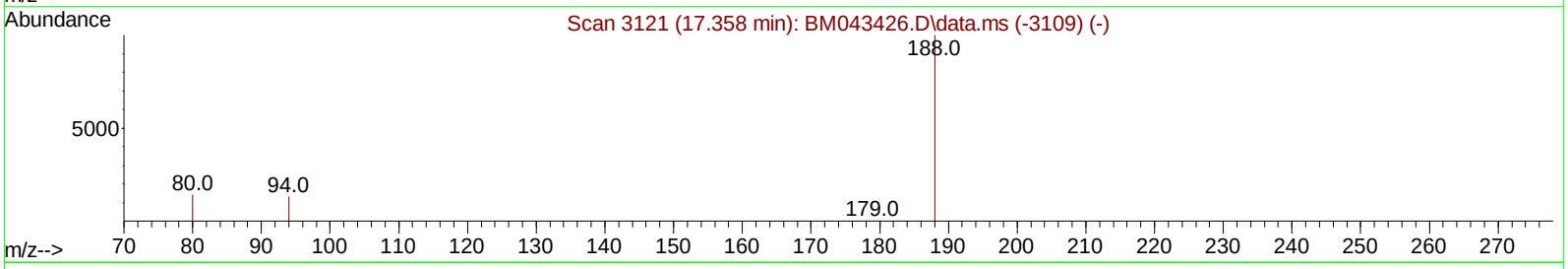
**Instrument :**
BNA_M
**ClientSampleId :**
BH3L6

**Manual IntegrationsAPPROVED**

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




TIC: BM043451.D\data.ms

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

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

**response 2097405**

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100.00 | 100.00 |
| 94.00 | 12.30 | 16.58# |
| 80.00 | 13.20 | 14.66 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Acq On : 20 Dec 2023 06:53
Operator : MA/JU
Sample : 05894-10
Misc :
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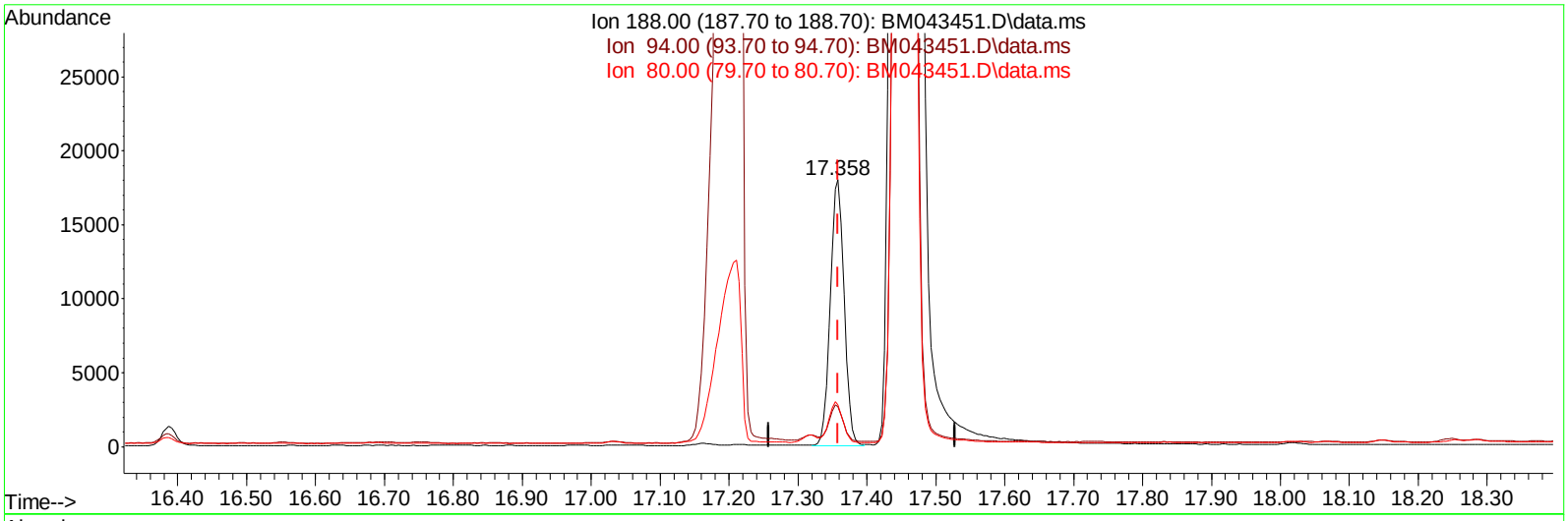
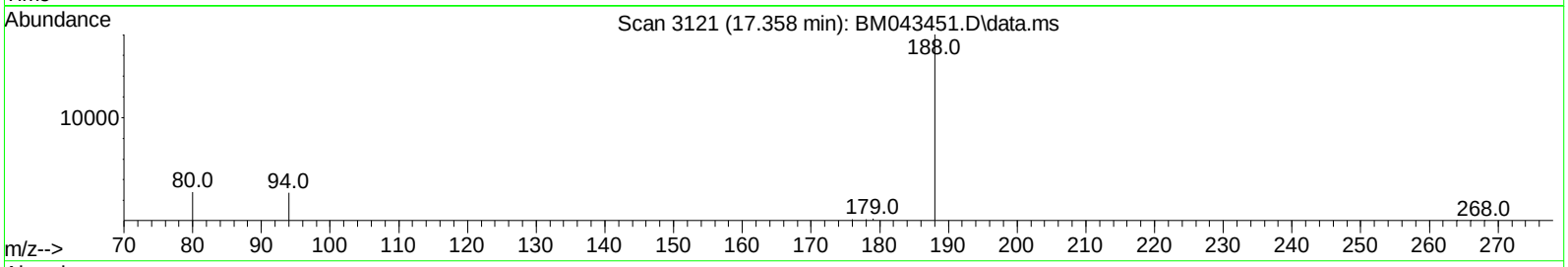
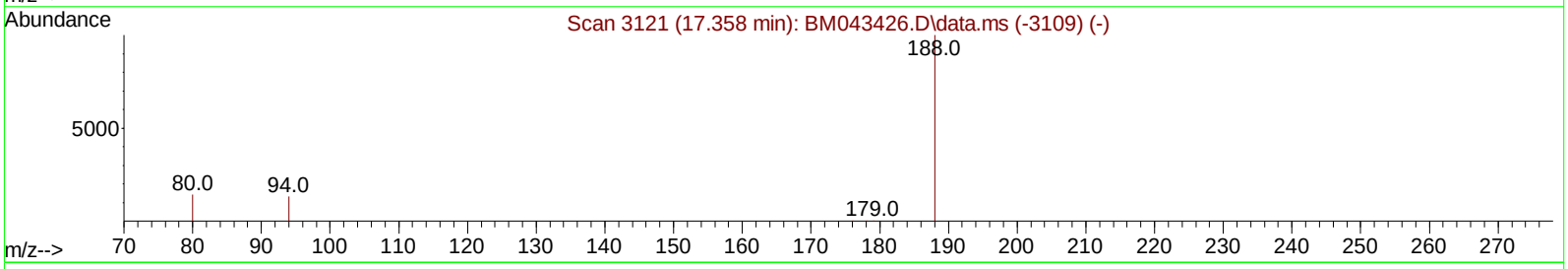
**Instrument :**
BNA_M
**ClientSampleId :**
BH3L6

**Manual IntegrationsAPPROVED**

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




TIC: BM043451.D\data.ms

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

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

**response 25063**

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100.00 | 100.00 |
| 94.00 | 12.30 | 15.05# |
| 80.00 | 13.20 | 15.64 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
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Operator : MA/JU
Sample : 05894-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

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QLast Update : Tue Dec 19 23:32:46 2023
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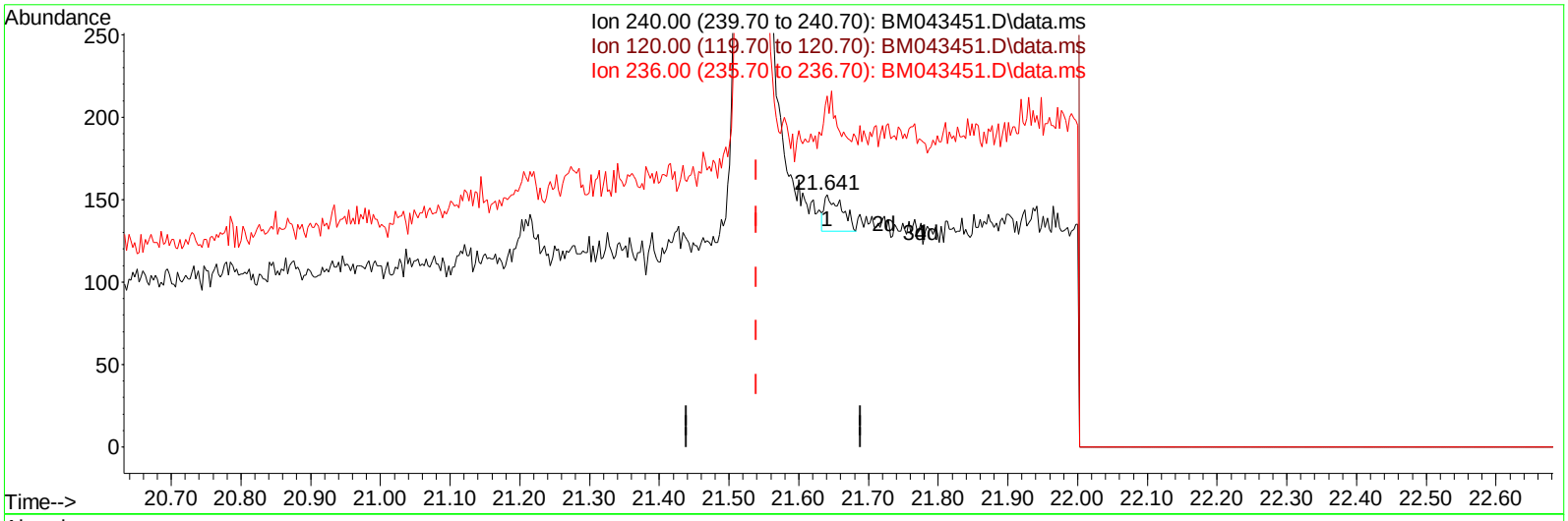
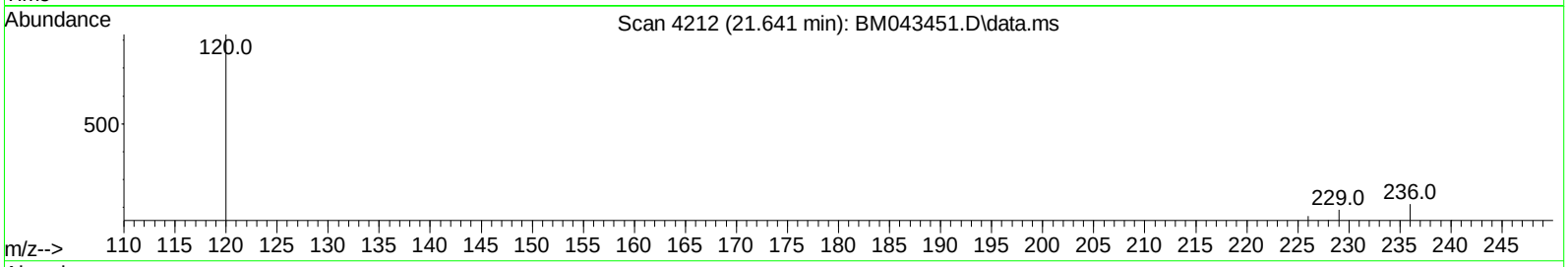
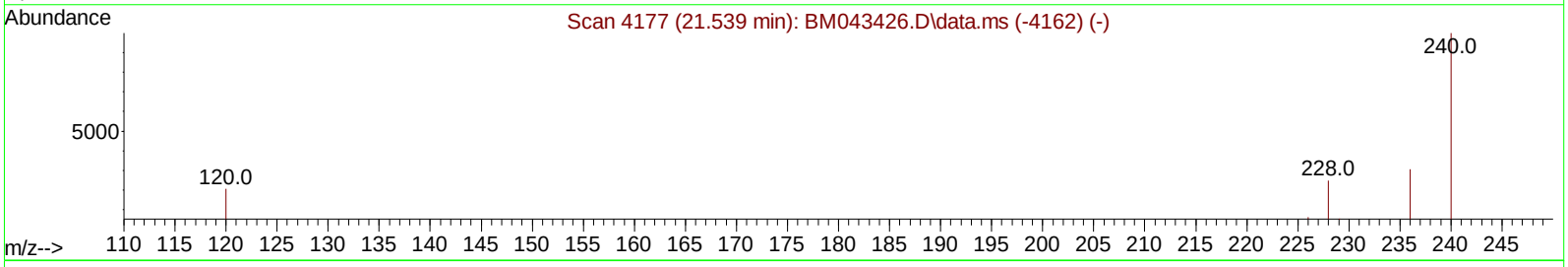
**Instrument :**
BNA_M
**ClientSampleId :**
BH3L6

**Manual IntegrationsAPPROVED**

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




TIC: BM043451.D\data.ms

**(17) Chrysene-d12**

**21.641min (+ 0.102) 0.40 ng/ul**

**response 38**

| Ion | Exp% | Act% |
|---|---|---|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 20.60 | 536.60# |
| 236.00 | 31.10 | 139.22# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
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QLast Update : Tue Dec 19 23:32:46 2023
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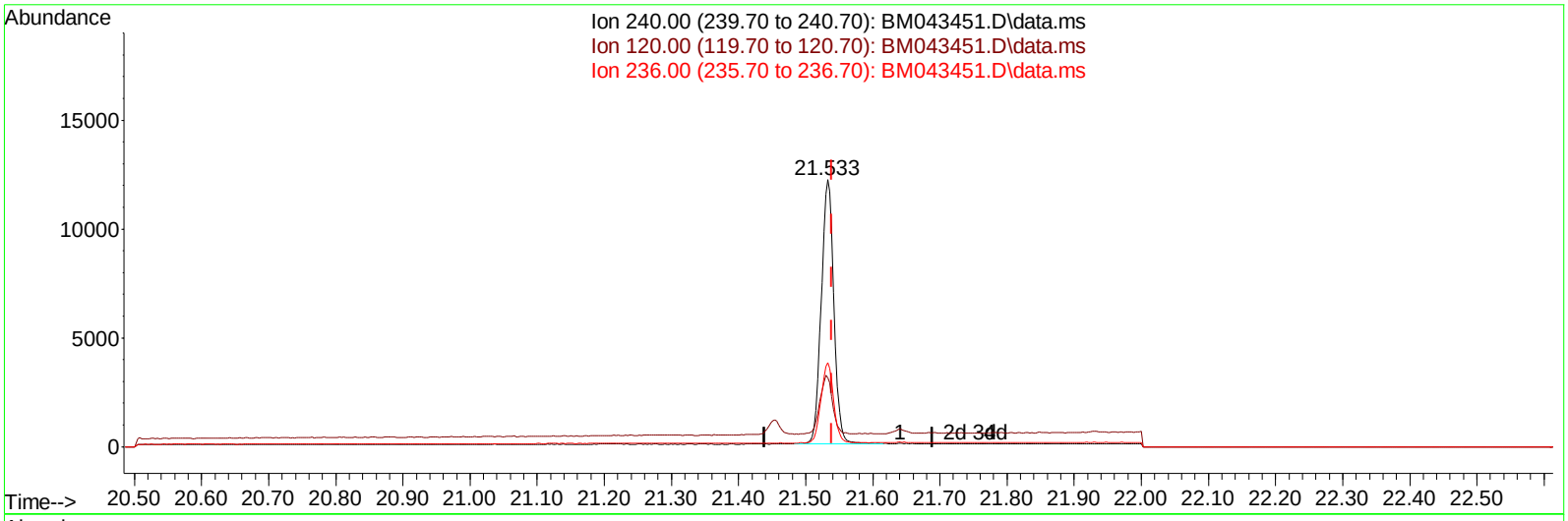
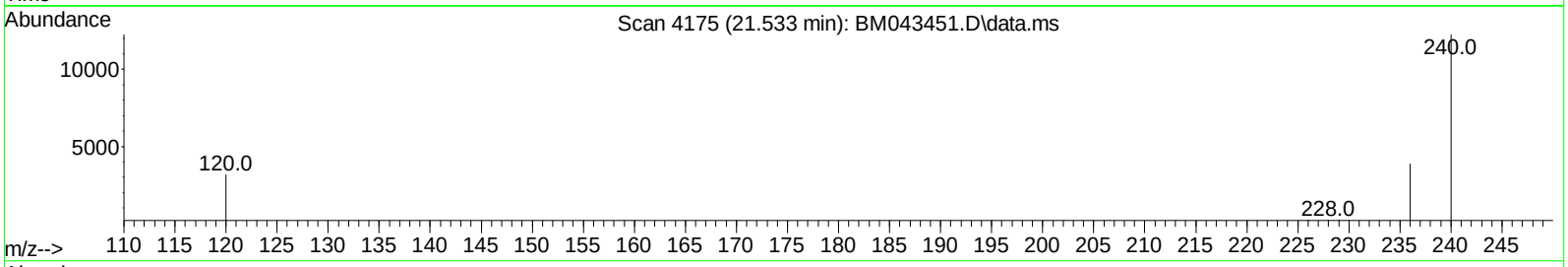
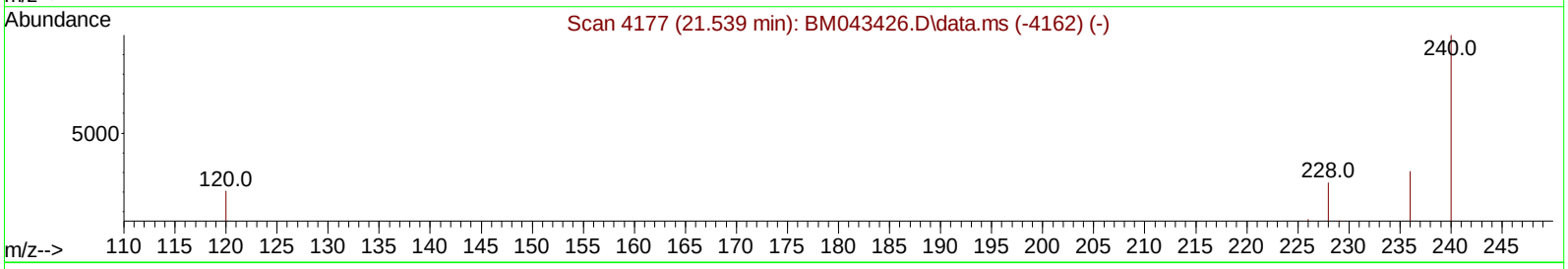
**Instrument :**
BNA_M
**ClientSampleId :**
BH3L6

**Manual IntegrationsAPPROVED**

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




TIC: BM043451.D\data.ms

**(17) Chrysene-d12**

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

**response 15983**

| Ion | Exp% | Act% |
|---|---|---|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 20.60 | 25.94# |
| 236.00 | 31.10 | 31.55 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

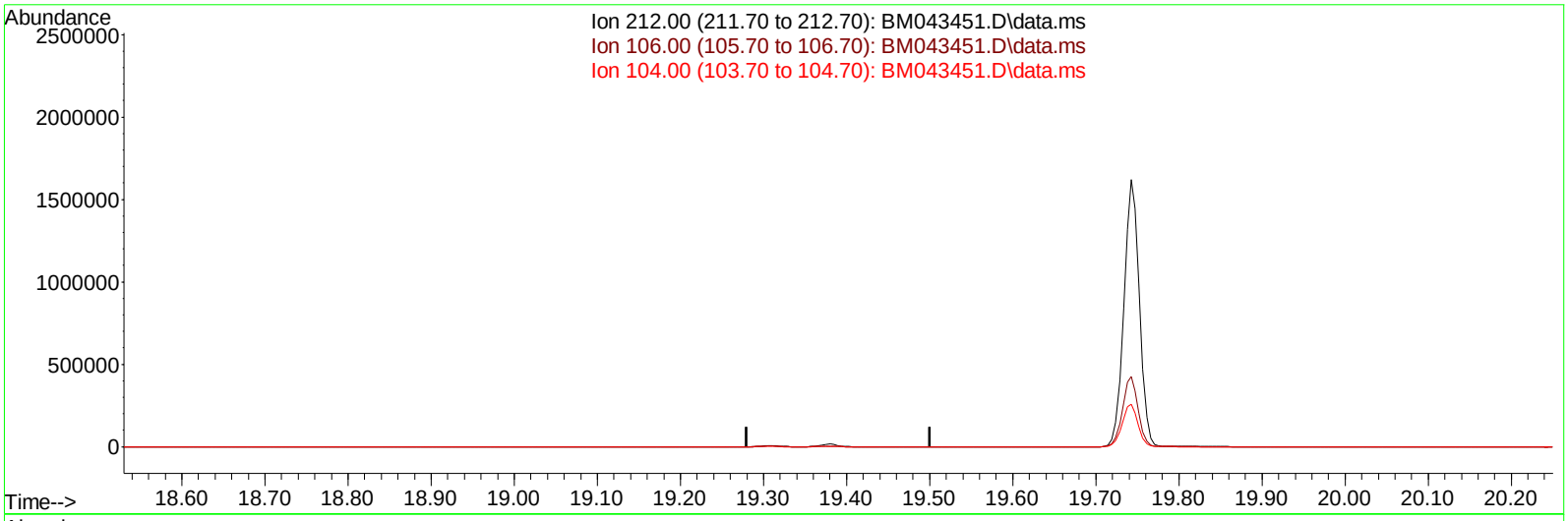
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
Data File : BM043451.D
Acq On : 20 Dec 2023 06:53
Operator : MA/JU
Sample : 05894-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

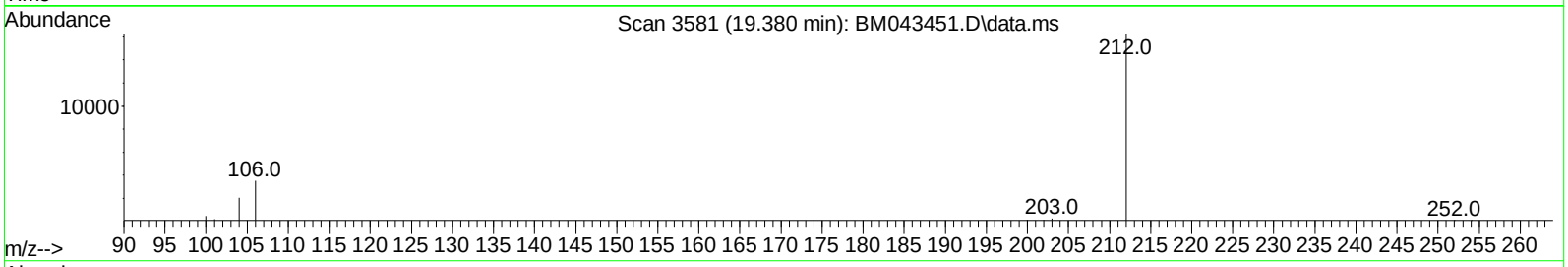
Quant Time: Dec 20 07:23:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration

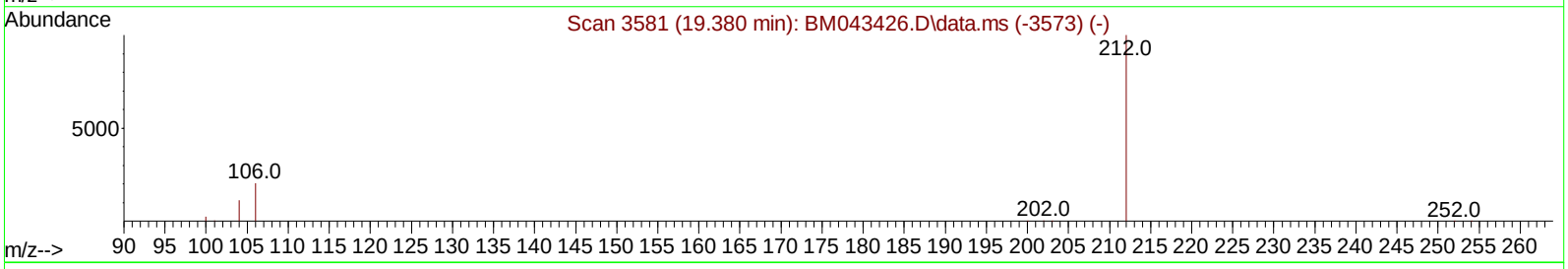
**Instrument :**
BNA_M
**ClientSampleId :**
BH3L6

**Manual IntegrationsAPPROVED**

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




TIC: BM043451.D\data.ms

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

**19.380min (-19.380) 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)

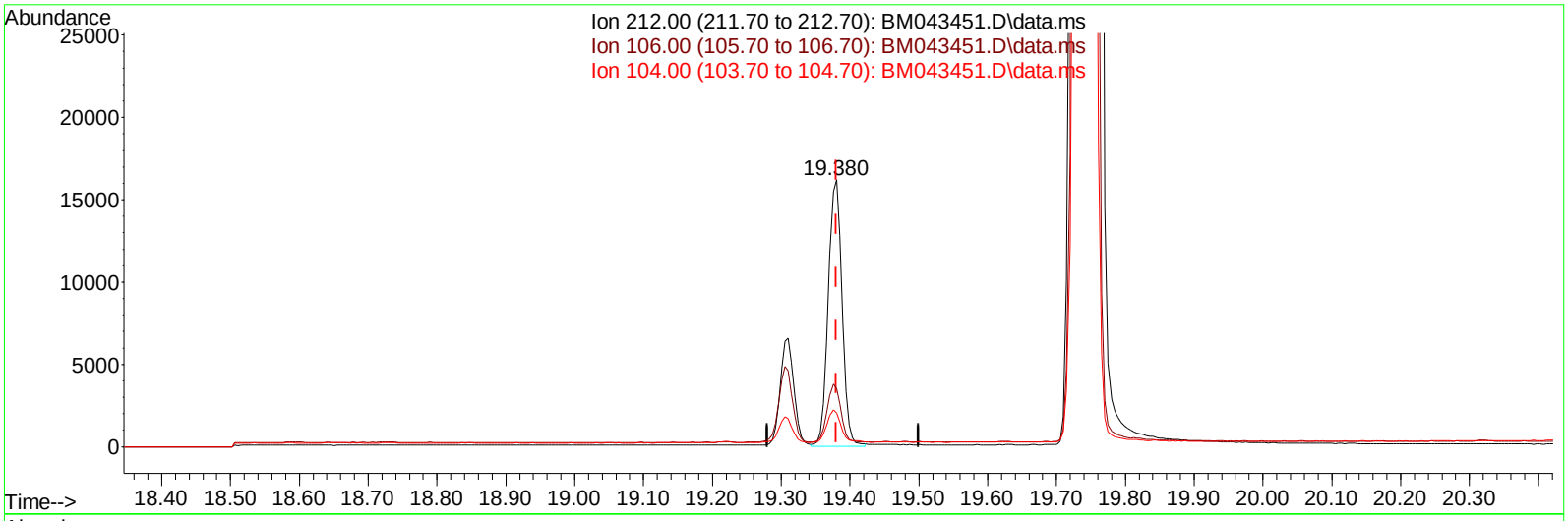
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
Data File : BM043451.D
Acq On : 20 Dec 2023 06:53
Operator : MA/JU
Sample : 05894-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

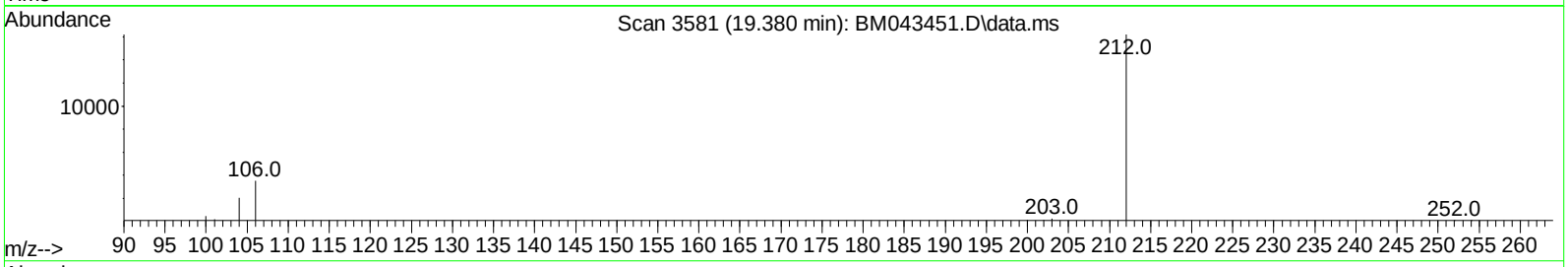
Quant Time: Dec 20 07:23:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration

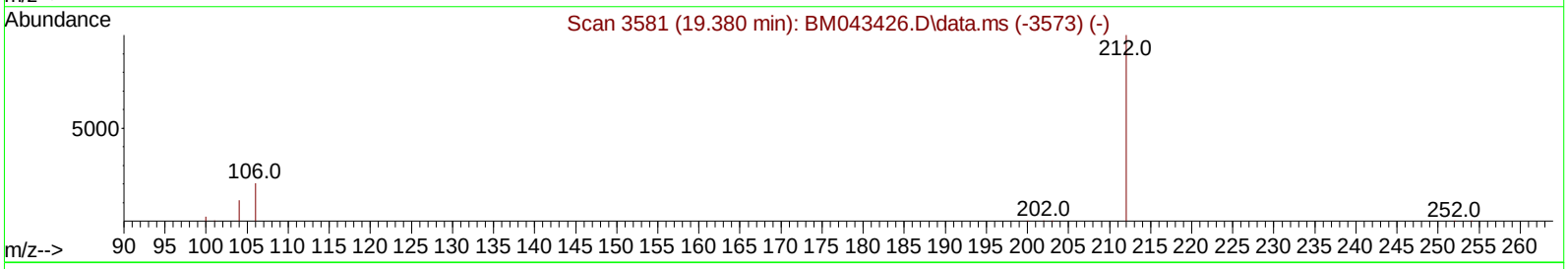
**Instrument :**
BNA_M
**ClientSampleId :**
BH3L6

**Manual IntegrationsAPPROVED**

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




TIC: BM043451.D\data.ms

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

**19.380min (-0.000) 0.39 ng/ul m**

**response 22191**

| 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\BM121923\
Data File : BM043451.D
Acq On : 20 Dec 2023 06:53
Operator : MA/JU
Sample : 05894-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 20 07:23:48 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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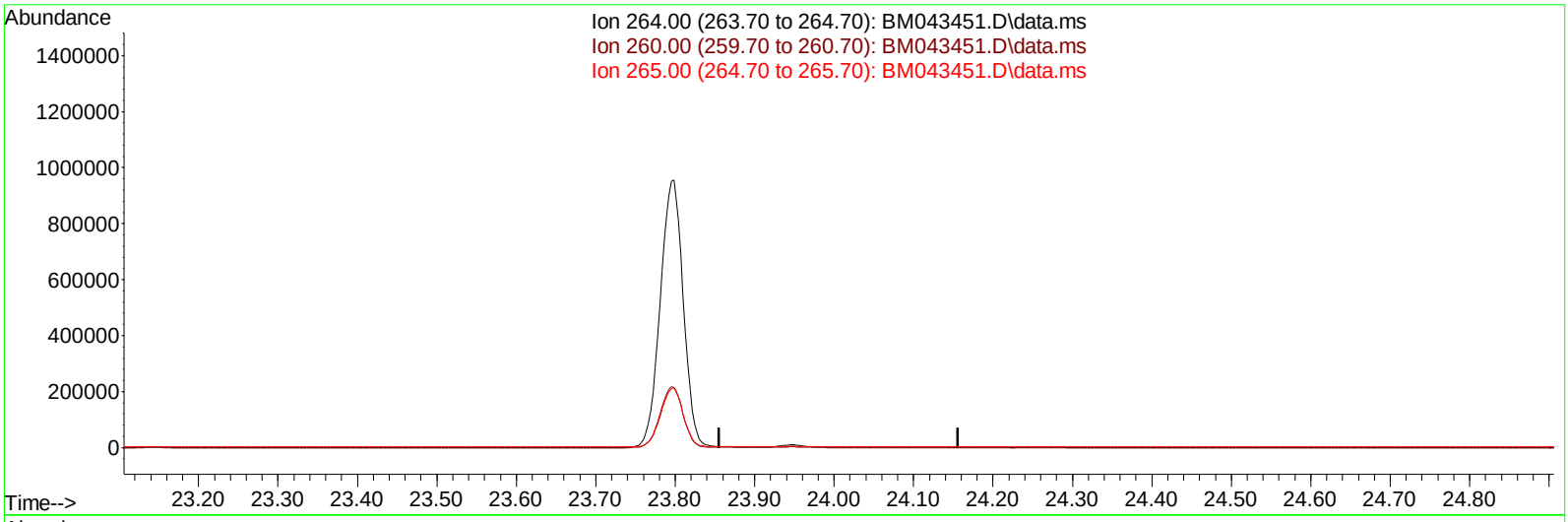
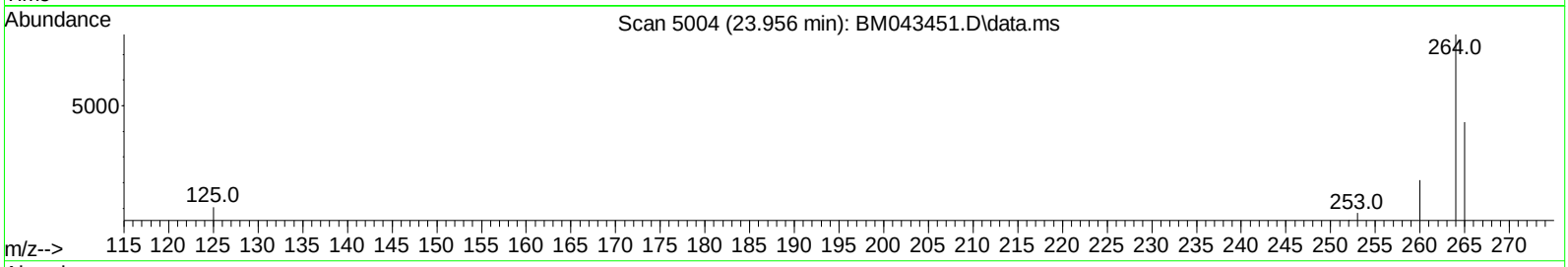
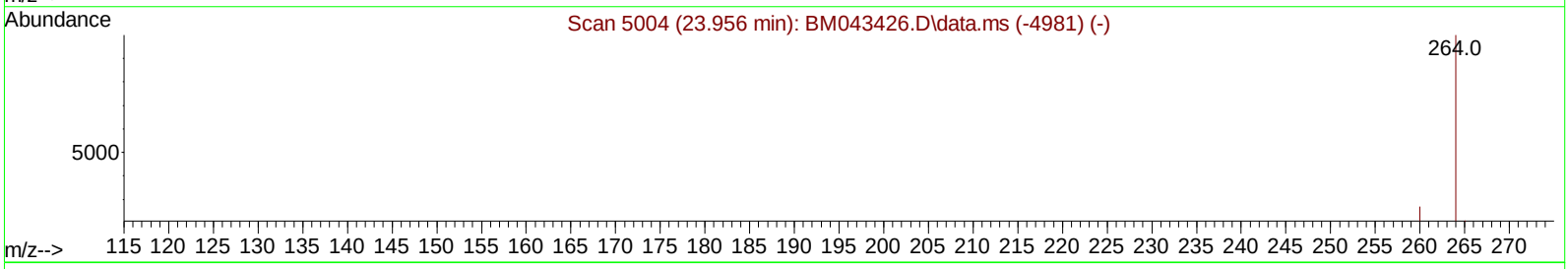
**Instrument :**
BNA_M
**ClientSampleId :**
BH3L6

**Manual IntegrationsAPPROVED**

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




TIC: BM043451.D\data.ms

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

**23.956min (-23.956) 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\BM121923\
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Misc :
ALS Vial : 28 Sample Multiplier: 1

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**Instrument :**
BNA_M
**ClientSampleId :**
BH3L6

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/20/2023
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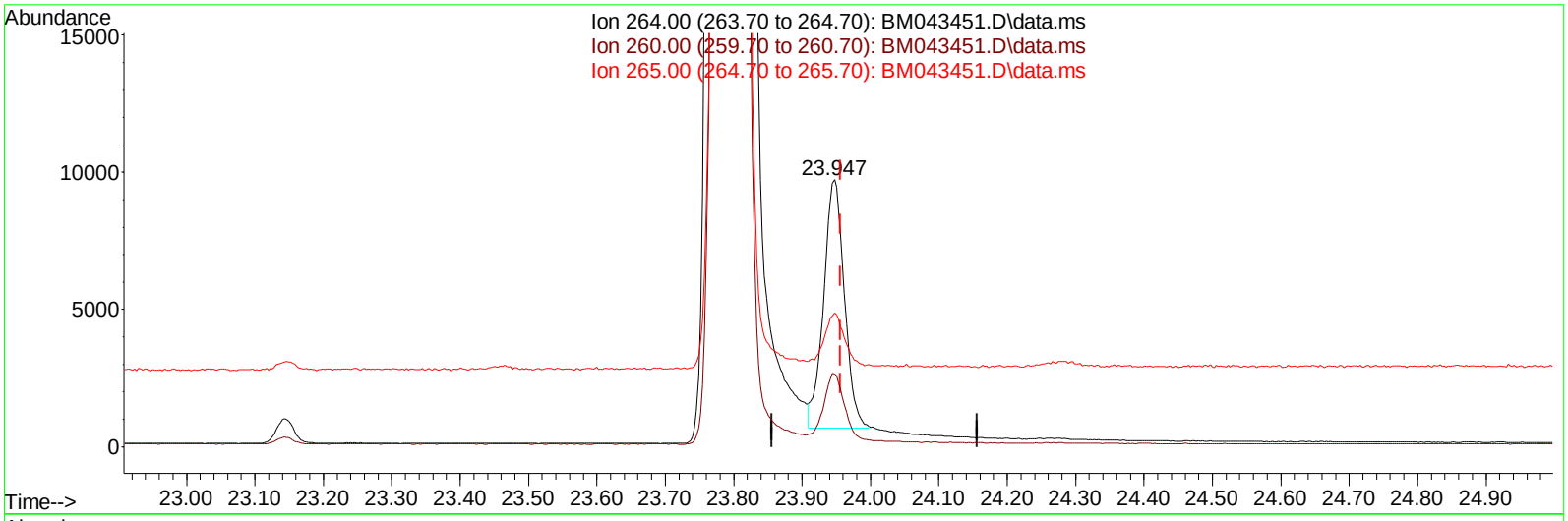


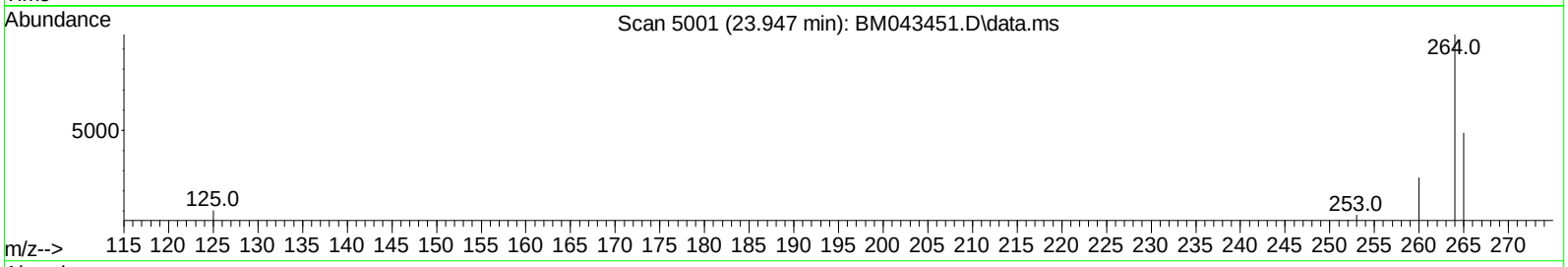


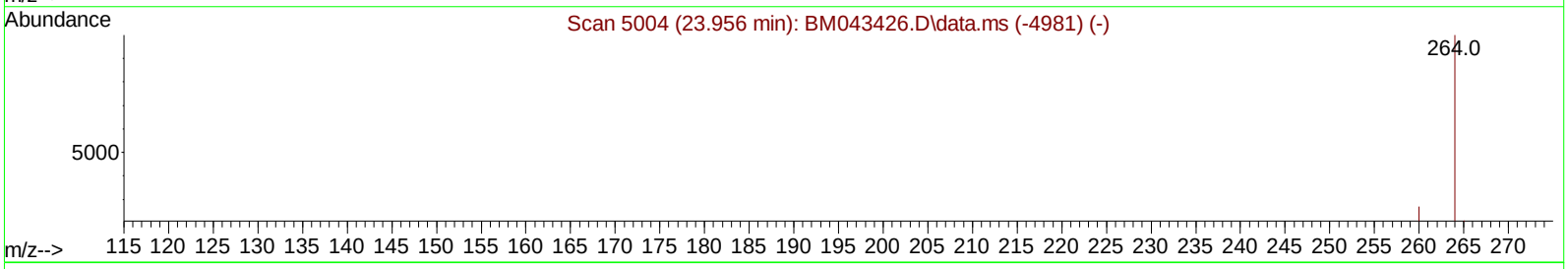


TIC: BM043451.D\data.ms

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

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

**response 19109**

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 28.30 | 27.17 |
| 265.00 | 39.10 | 50.12# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

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Operator : MA/JU
Sample : 05894-10
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**Instrument :**
BNA_M
**ClientSampleId :**
BH3L6

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/20/2023
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.984 | 152 | 6855 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.785 | 136 | 21906 | 0.400 | ng/ul | # 0.00 |
| 9) Acenaphthene-d10 | 14.610 | 164 | 11877 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.358 | 188 | 25063m | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.533 | 240 | 15983m | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.947 | 264 | 19109m | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.381 | 96 | 33095 | 3.821 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.374 | 152 | 10154 | 0.327 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.380 | 212 | 22191m | 0.389 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.418 | 88 | 1817 | 0.209 | ng/ul# | 75 |

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

Quantitation Report (QT Reviewed)

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ALS Vial : 28 Sample Multiplier: 1

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