Quantitation Report (Qedit)

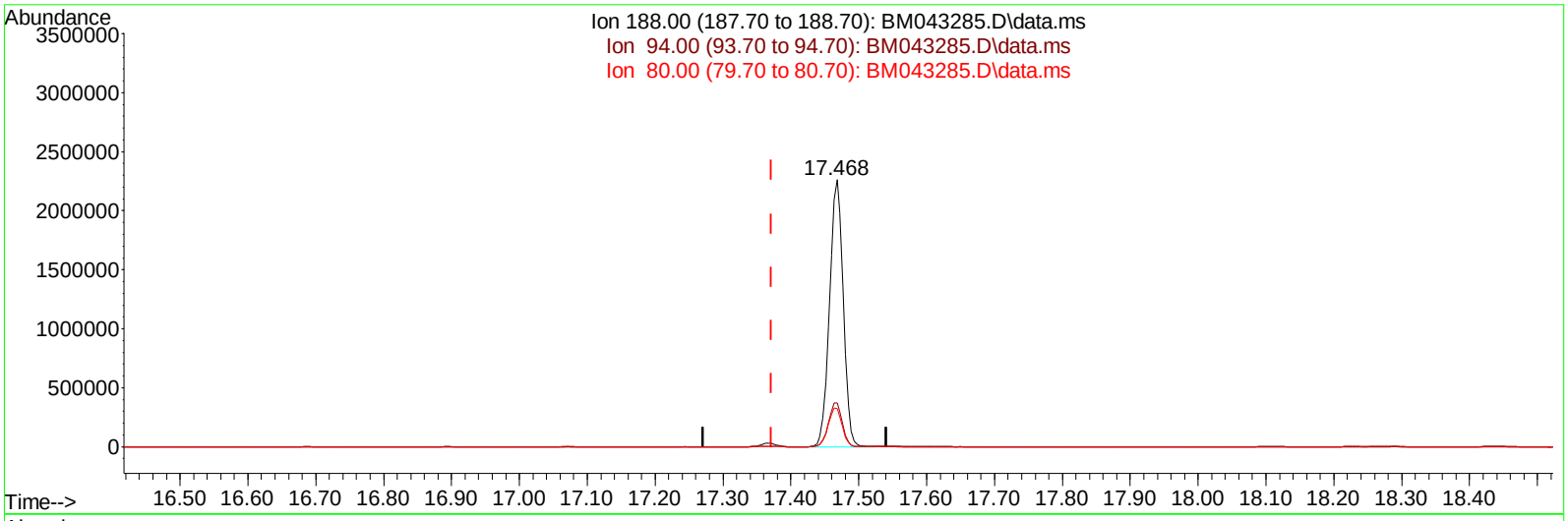
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043285.D
Acq On : 13 Dec 2023 04:35
Operator : MA/JU
Sample : 05677-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

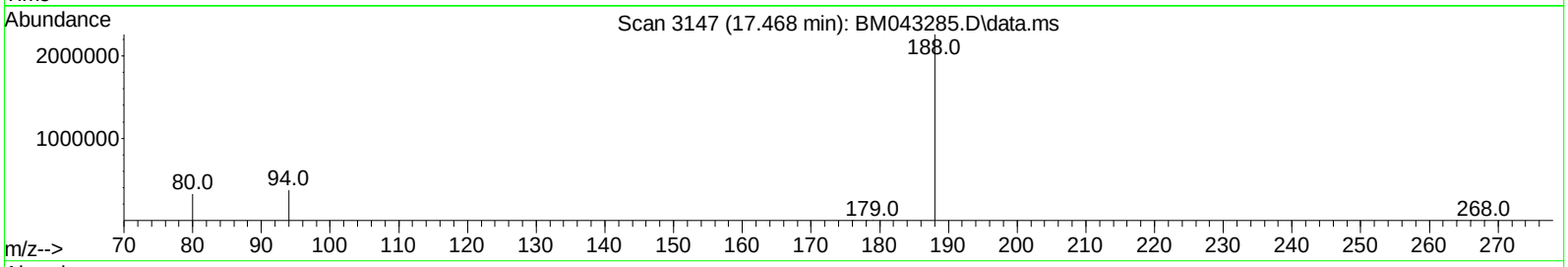
Quant Time: Dec 13 05:25:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:25:39 2023
Response via : Initial Calibration

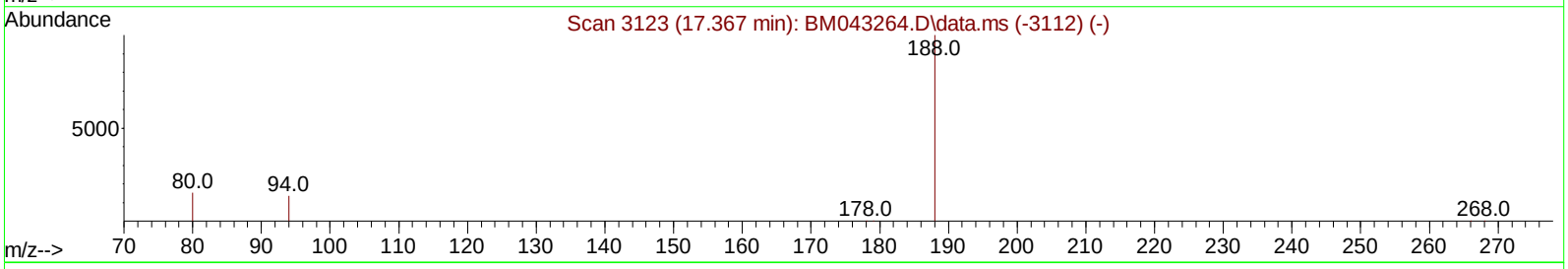
**Instrument :**
BNA_M
**ClientSampleId :**
H0AC7

**Manual IntegrationsAPPROVED**

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




TIC: BM043285.D\data.ms

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

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

**response 3191102**

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100.00 | 100.00 |
| 94.00 | 12.30 | 16.31# |
| 80.00 | 13.20 | 14.25 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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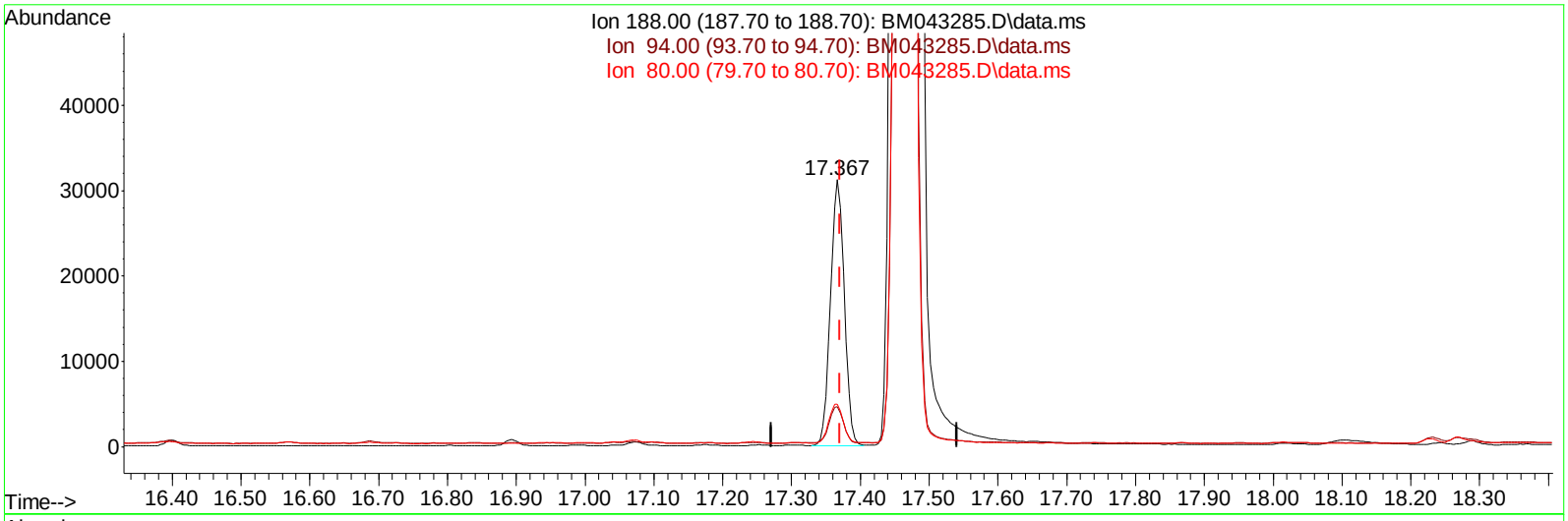
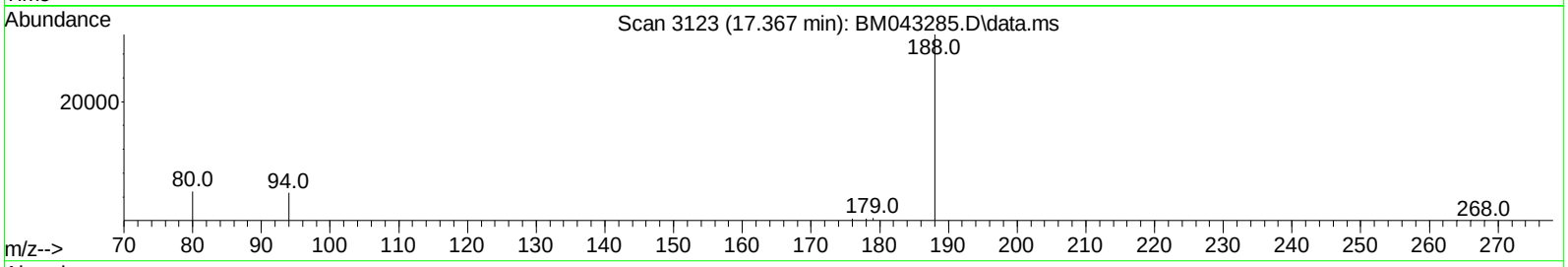
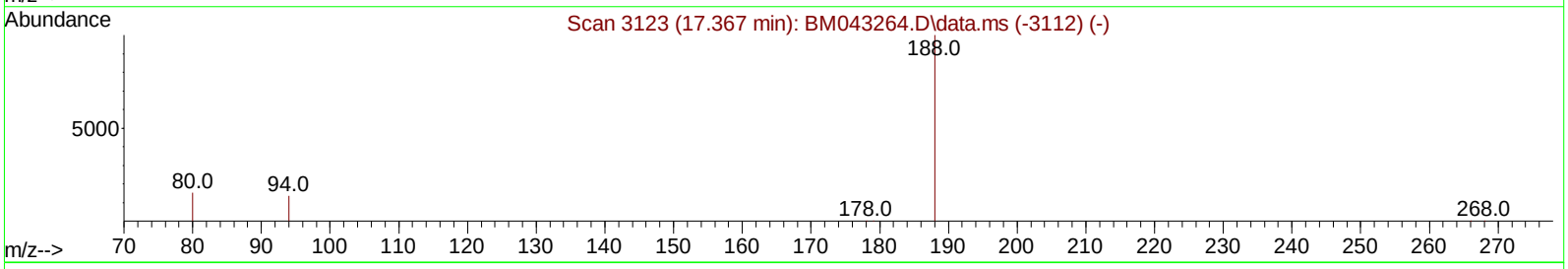
BNA_M
**ClientSampleId :**
H0AC7

**Manual IntegrationsAPPROVED**

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




TIC: BM043285.D\data.ms

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

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

**response 43428**

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100.00 | 100.00 |
| 94.00 | 12.30 | 14.93# |
| 80.00 | 13.20 | 15.89# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Data File : BM043285.D
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Operator : MA/JU
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Misc :
ALS Vial : 60 Sample Multiplier: 1

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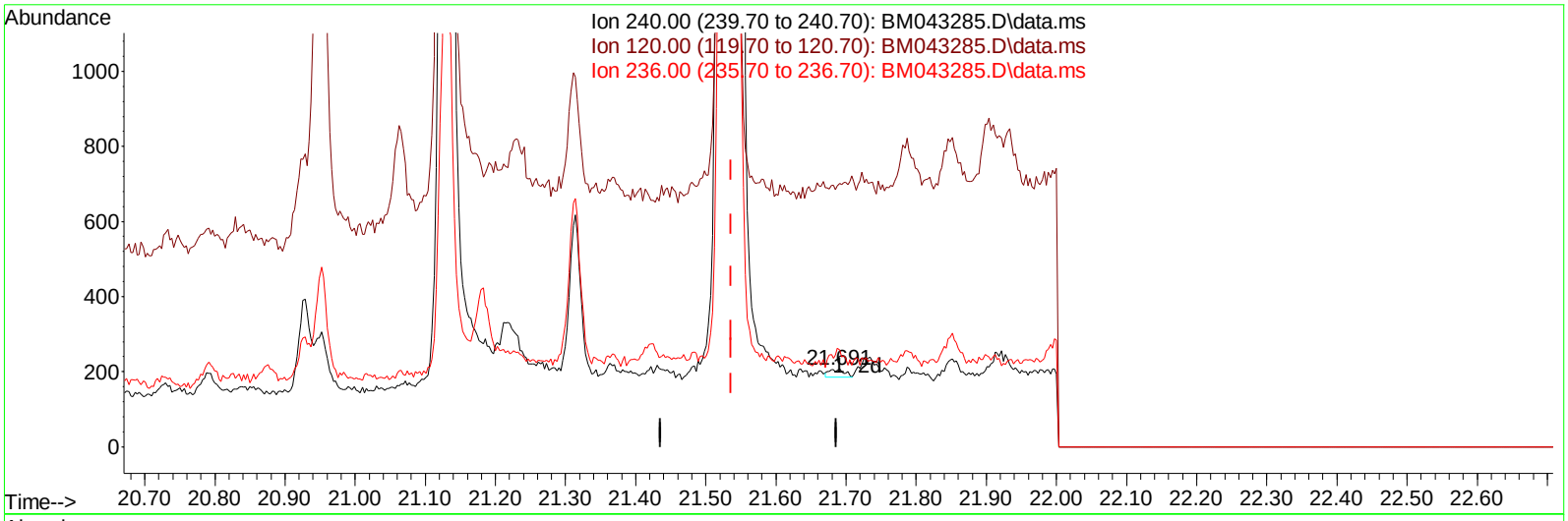
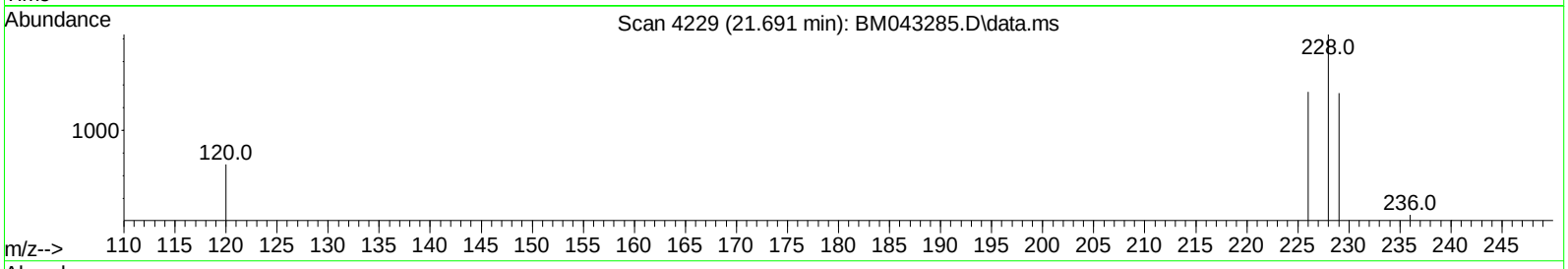
QLast Update : Mon Dec 11 16:25:39 2023
Response via : Initial Calibration

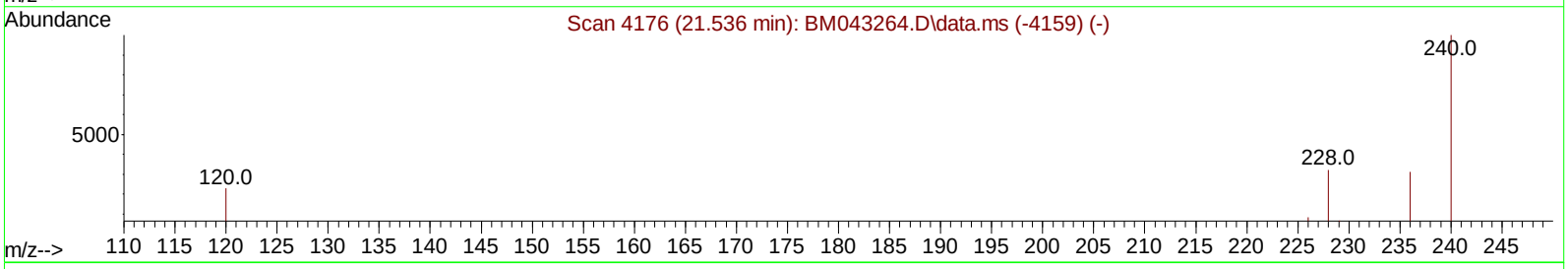
**Instrument :**
BNA_M
**ClientSampleId :**
H0AC7

**Manual IntegrationsAPPROVED**

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




TIC: BM043285.D\data.ms

**(17) Chrysene-d12**

**21.691min (+ 0.155) 0.40 ng/ul**

**response 31**

| Ion | Exp% | Act% |
|---|---|---|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 20.60 | 338.65# |
| 236.00 | 31.10 | 124.15# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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Operator : MA/JU
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ALS Vial : 60 Sample Multiplier: 1

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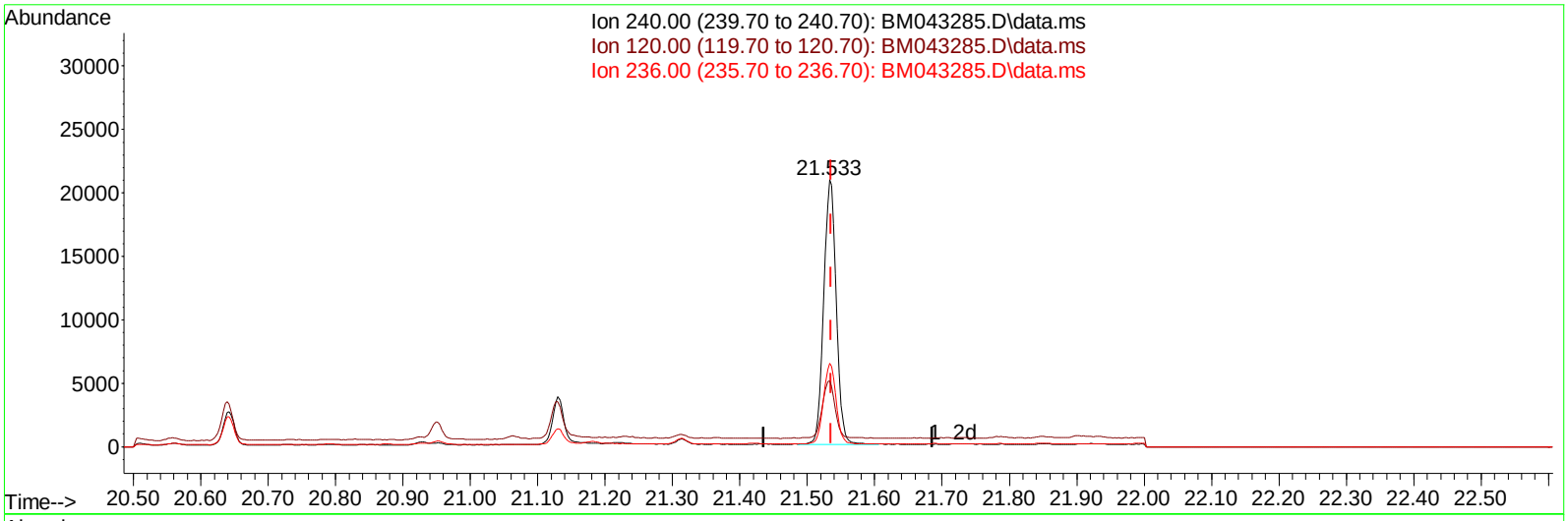
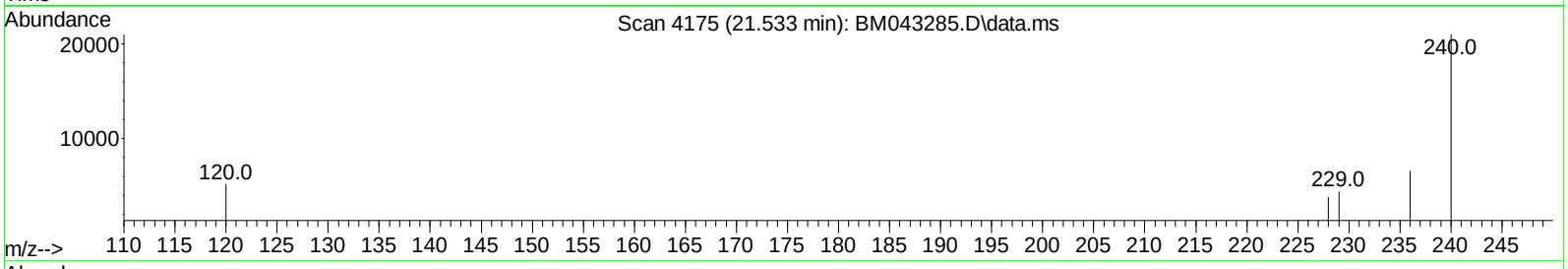
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:25:39 2023
Response via : Initial Calibration

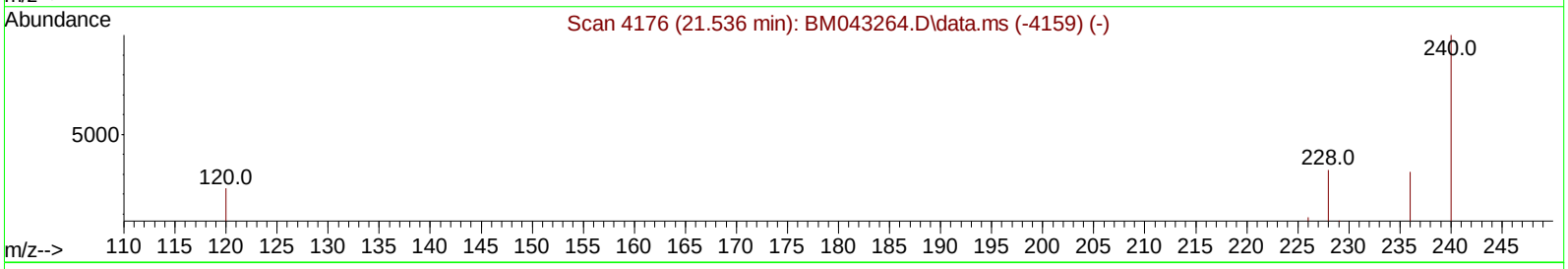
**Instrument :**
BNA_M
**ClientSampleId :**
H0AC7

**Manual IntegrationsAPPROVED**

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




TIC: BM043285.D\data.ms

**(17) Chrysene-d12**

**21.533min (-0.003) 0.40 ng/ul m**

**response 26998**

| Ion | Exp% | Act% |
|---|---|---|
| 240.00 | 100.00 | 100.00 |
| 120.00 | 20.60 | 24.68 |
| 236.00 | 31.10 | 31.33 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

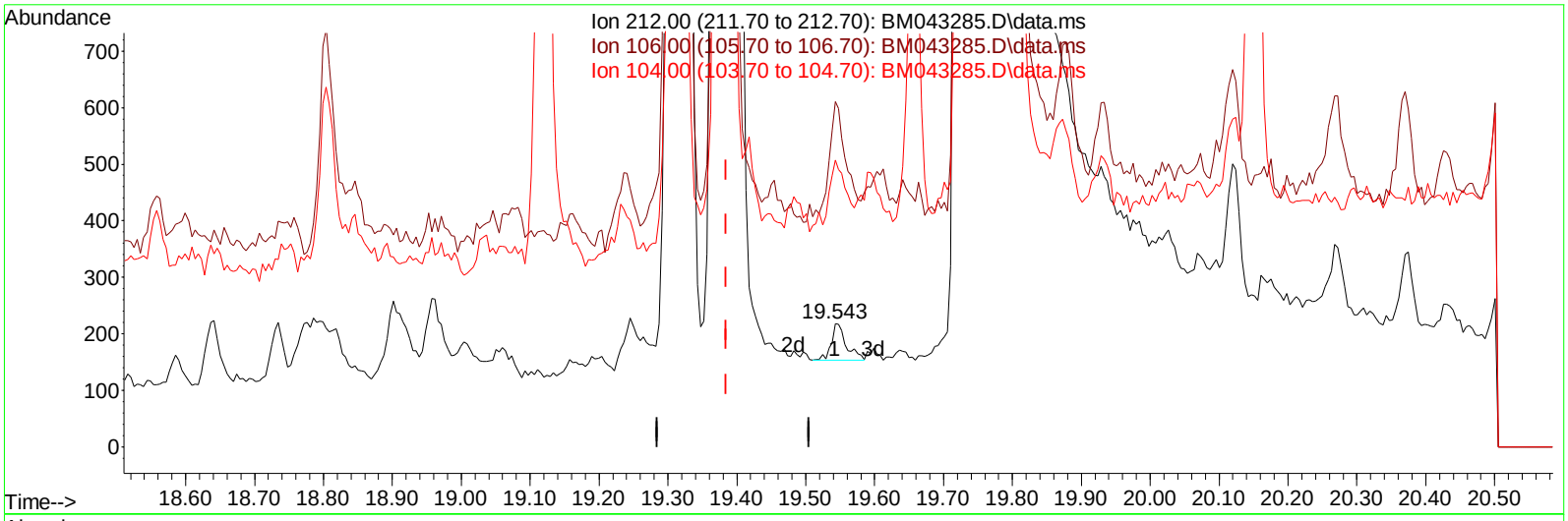
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043285.D
Acq On : 13 Dec 2023 04:35
Operator : MA/JU
Sample : 05677-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

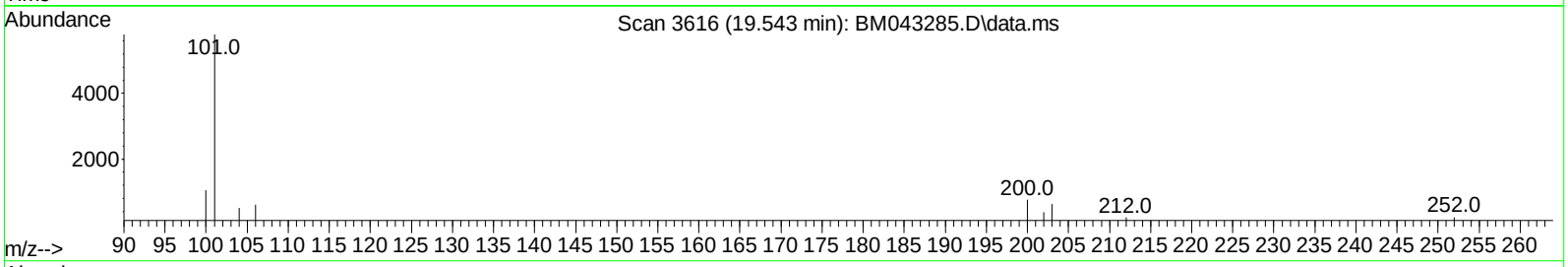
Quant Time: Dec 13 05:25:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:25:39 2023
Response via : Initial Calibration

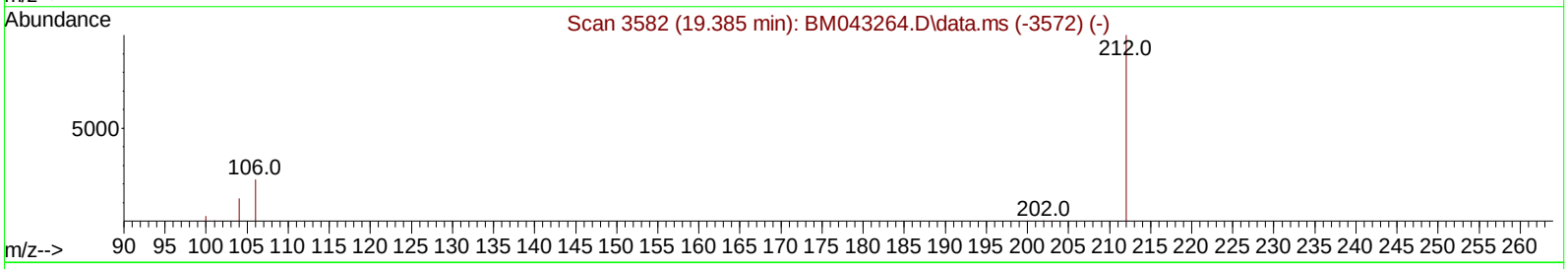
**Instrument :**
BNA_M
**ClientSampleId :**
H0AC7

**Manual IntegrationsAPPROVED**

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




TIC: BM043285.D\data.ms

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

**19.543min (+ 0.158) 0.00 ng/ul**

**response 99**

| Ion | Exp% | Act% |
|---|---|---|
| 212.00 | 100.00 | 100.00 |
| 106.00 | 19.40 | 322.22# |
| 104.00 | 11.00 | 240.40# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043285.D
Acq On : 13 Dec 2023 04:35
Operator : MA/JU
Sample : 05677-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Quant Time: Dec 13 05:25:46 2023
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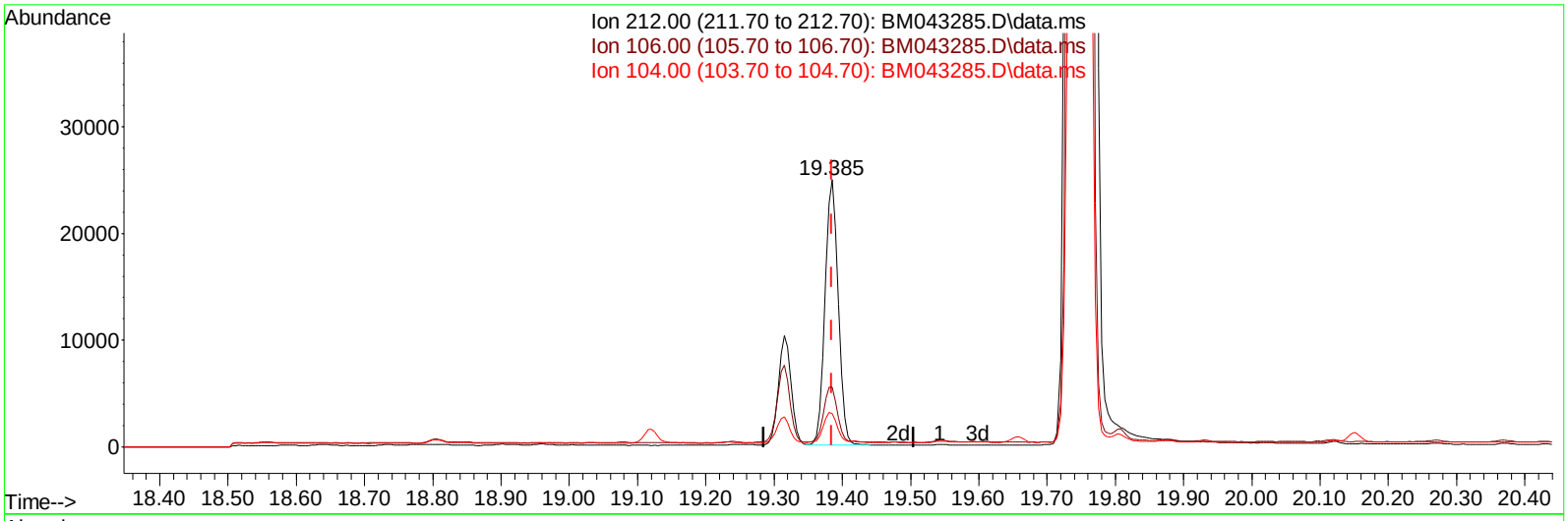
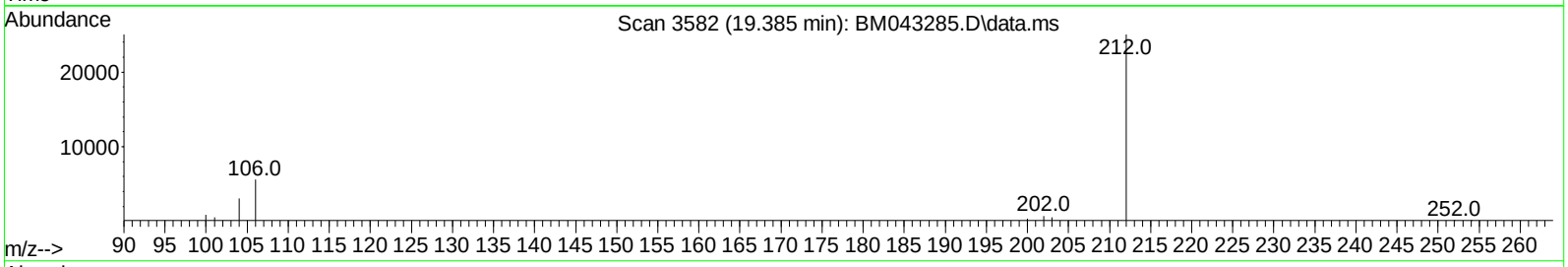
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:25:39 2023
Response via : Initial Calibration

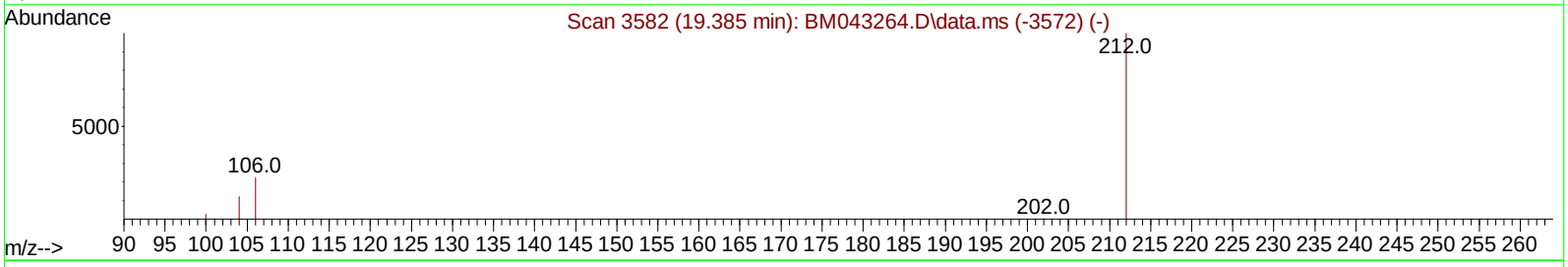
**Instrument :**
BNA_M
**ClientSampleId :**
H0AC7

**Manual IntegrationsAPPROVED**

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




TIC: BM043285.D\data.ms

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

**19.385min (+ 0.000) 0.35 ng/ul m**

**response 33591**

| Ion | Exp% | Act% |
|---|---|---|
| 212.00 | 100.00 | 100.00 |
| 106.00 | 19.40 | 0.95# |
| 104.00 | 11.00 | 0.71# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043285.D
Acq On : 13 Dec 2023 04:35
Operator : MA/JU
Sample : 05677-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

Quant Time: Dec 13 05:25:46 2023
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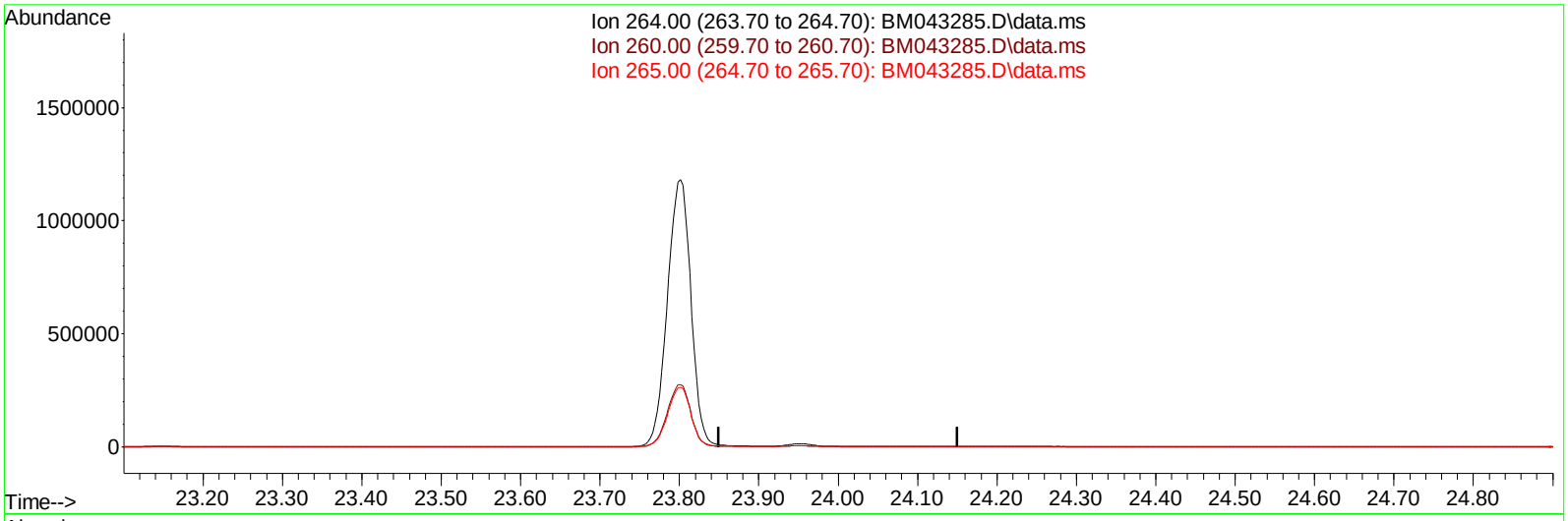
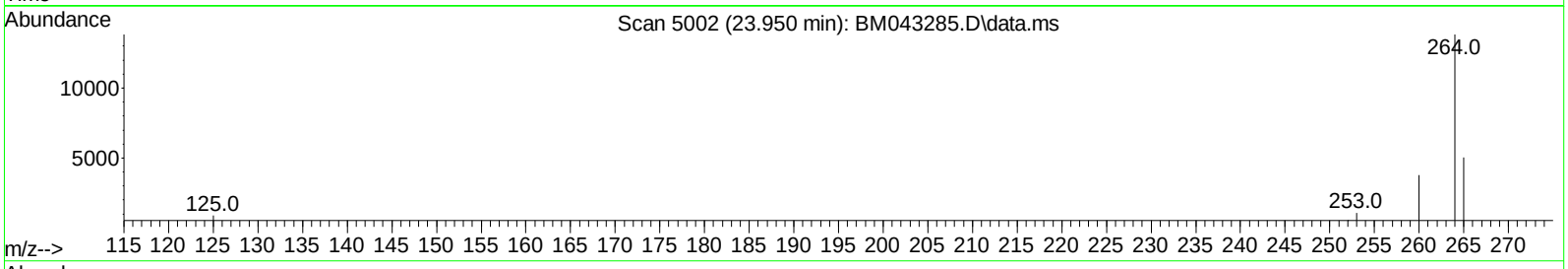
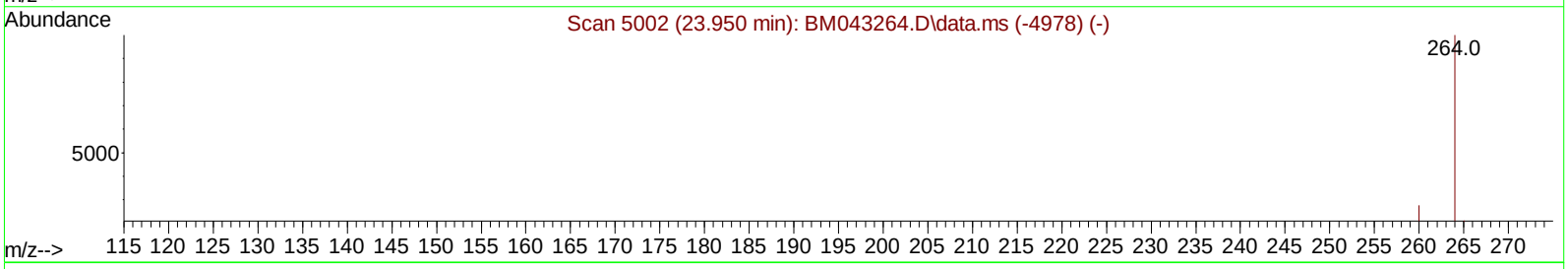
**Instrument :**
BNA_M
**ClientSampleId :**
H0AC7

**Manual IntegrationsAPPROVED**

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




TIC: BM043285.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)

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**Instrument :**
BNA_M
**ClientSampleId :**
H0AC7

**Manual IntegrationsAPPROVED**

Reviewed By :Yogesh Patel 12/14/2023
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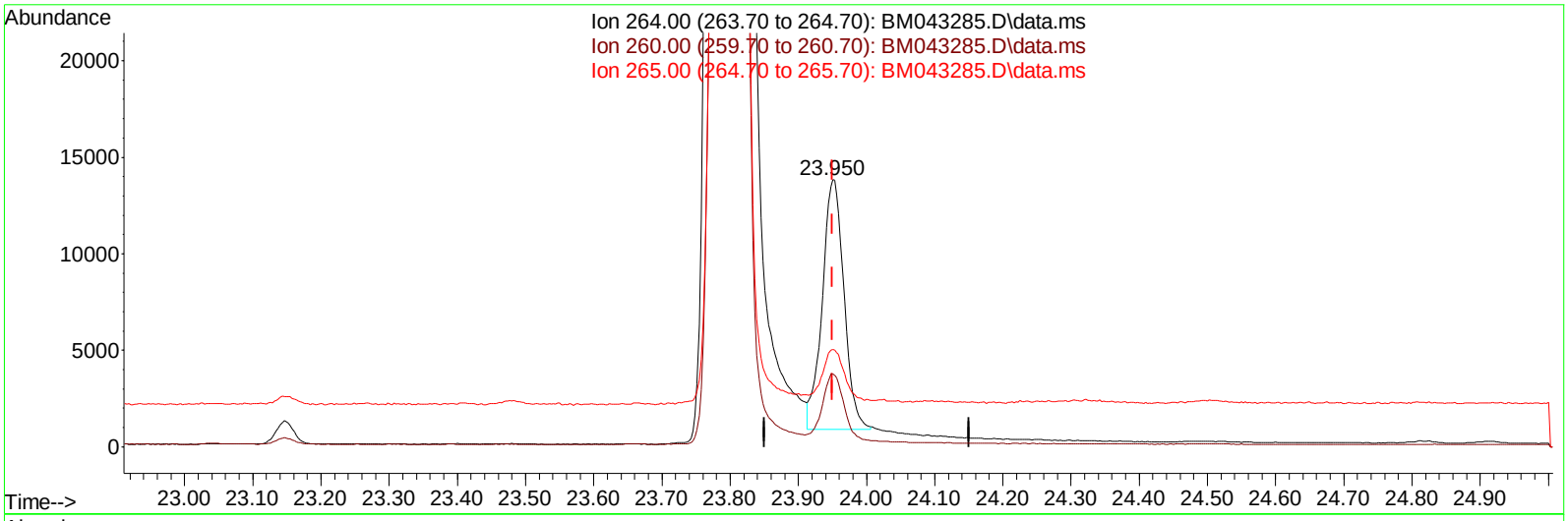


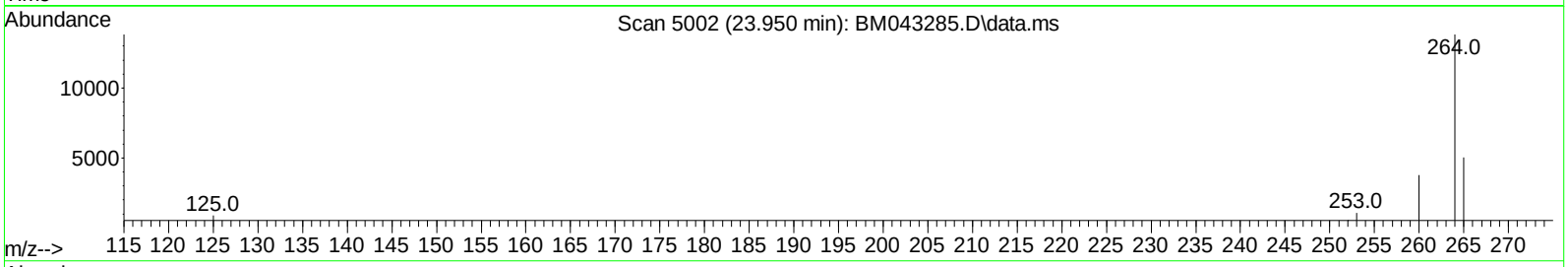


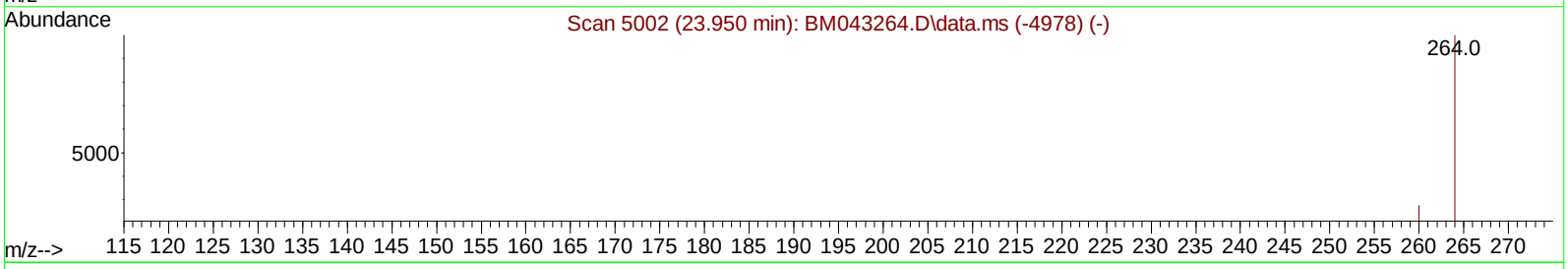


TIC: BM043285.D\data.ms

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

**23.950min (+ 0.000) 0.40 ng/ul m**

**response 28646**

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100.00 | 100.00 |
| 260.00 | 28.30 | 27.28 |
| 265.00 | 39.10 | 36.44 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
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Acq On : 13 Dec 2023 04:35
Operator : MA/JU
Sample : 05677-11
Misc :
ALS Vial : 60 Sample Multiplier: 1

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**Instrument :**
BNA_M
**ClientSampleId :**
H0AC7

**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 | 11231 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.807 | 136 | 37331 | 0.400 | ng/ul | -0.01 |
| 9) Acenaphthene-d10 | 14.629 | 164 | 27682 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.367 | 188 | 43428m | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.533 | 240 | 26998m | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.950 | 264 | 28646m | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.402 | 96 | 60995 | 4.298 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.390 | 152 | 16002 | 0.303 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.385 | 212 | 33591m | 0.348 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.440 | 88 | 2055 | 0.144 | ng/ul# | 48 |

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

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