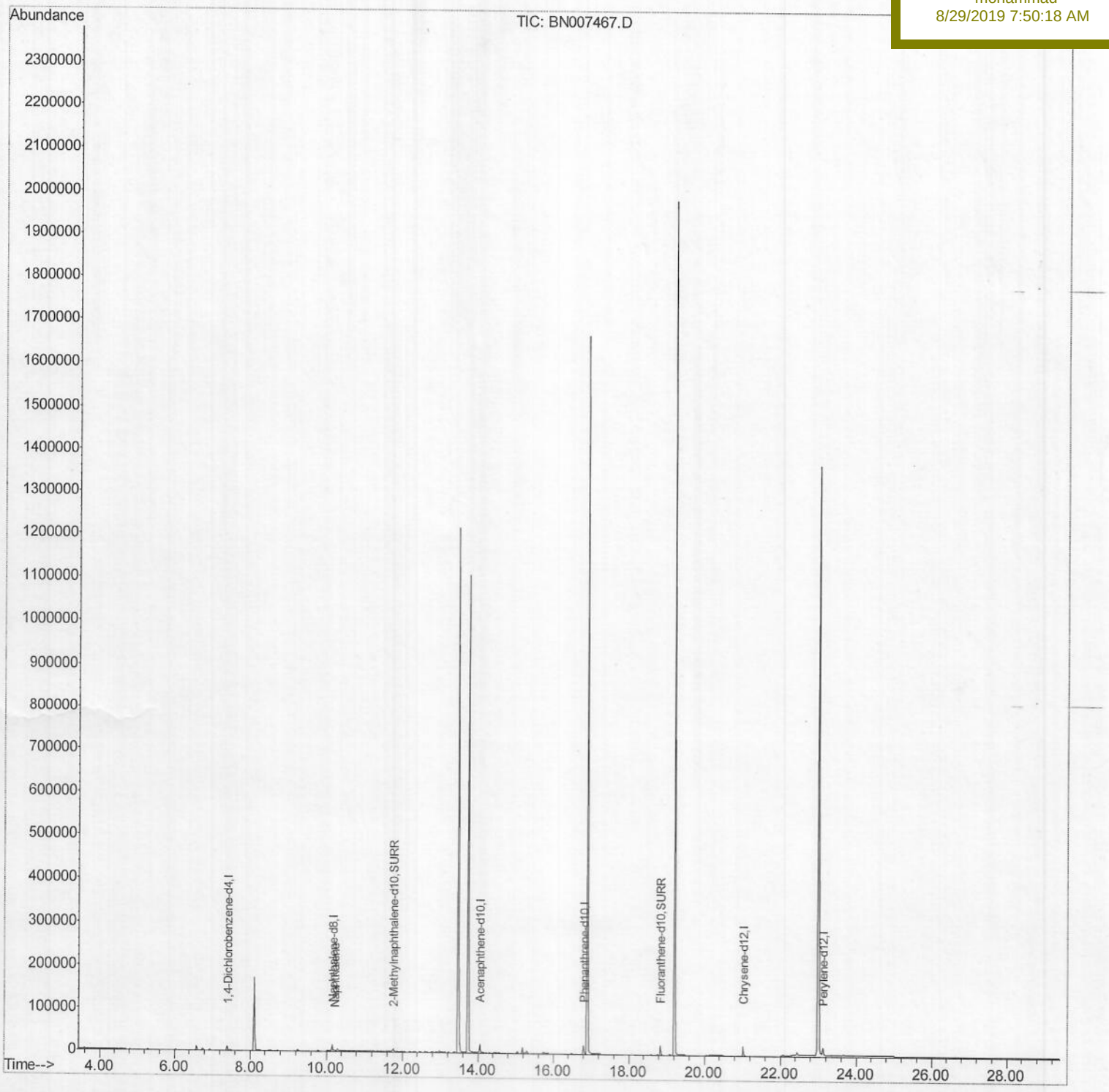
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007467.D
Acq On : 28 Aug 2019 14:25
Operator : HP/JU
Sample : K4373-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 28 15:03:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
C0AH6

**Manual Integrations APPROVED**
mohammad
8/29/2019 7:50:18 AM



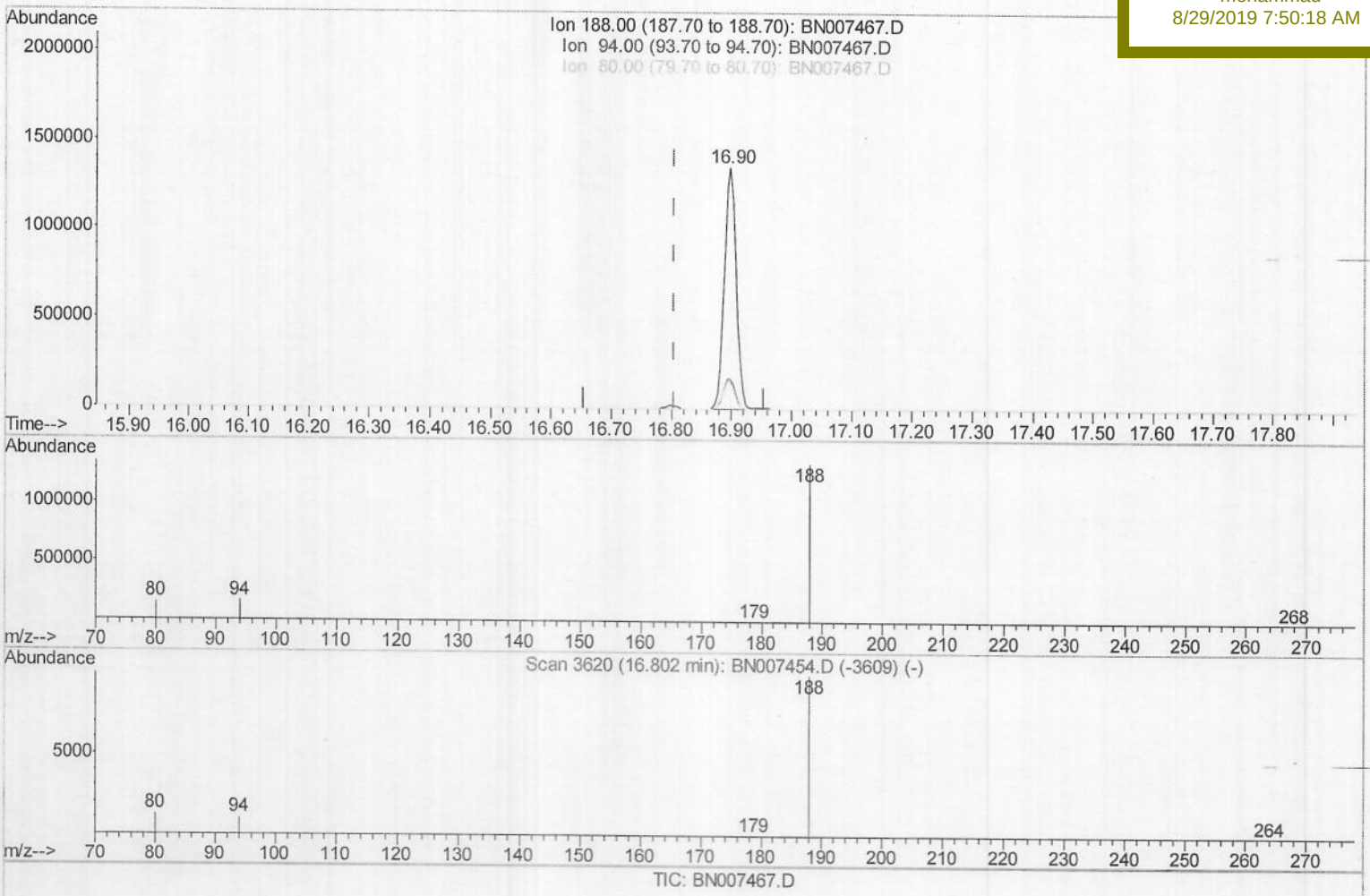
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007467.D
Acq On : 28 Aug 2019 14:25
Operator : HP/JU
Sample : K4373-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 28 15:01:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
C0AH6

**Manual Integrations APPROVED**
mohammad
8/29/2019 7:50:18 AM




TIC: BN007467.D

(10) Phenanthrene-d10 (I)

16.898min (+0.092) 0.40ng/ul

response 1822759

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 100 |
| 94.00 | 11.30 | 12.23 |
| 80.00 | 12.40 | 11.20 |
| 0.00 | 0.00 | 0.00 |

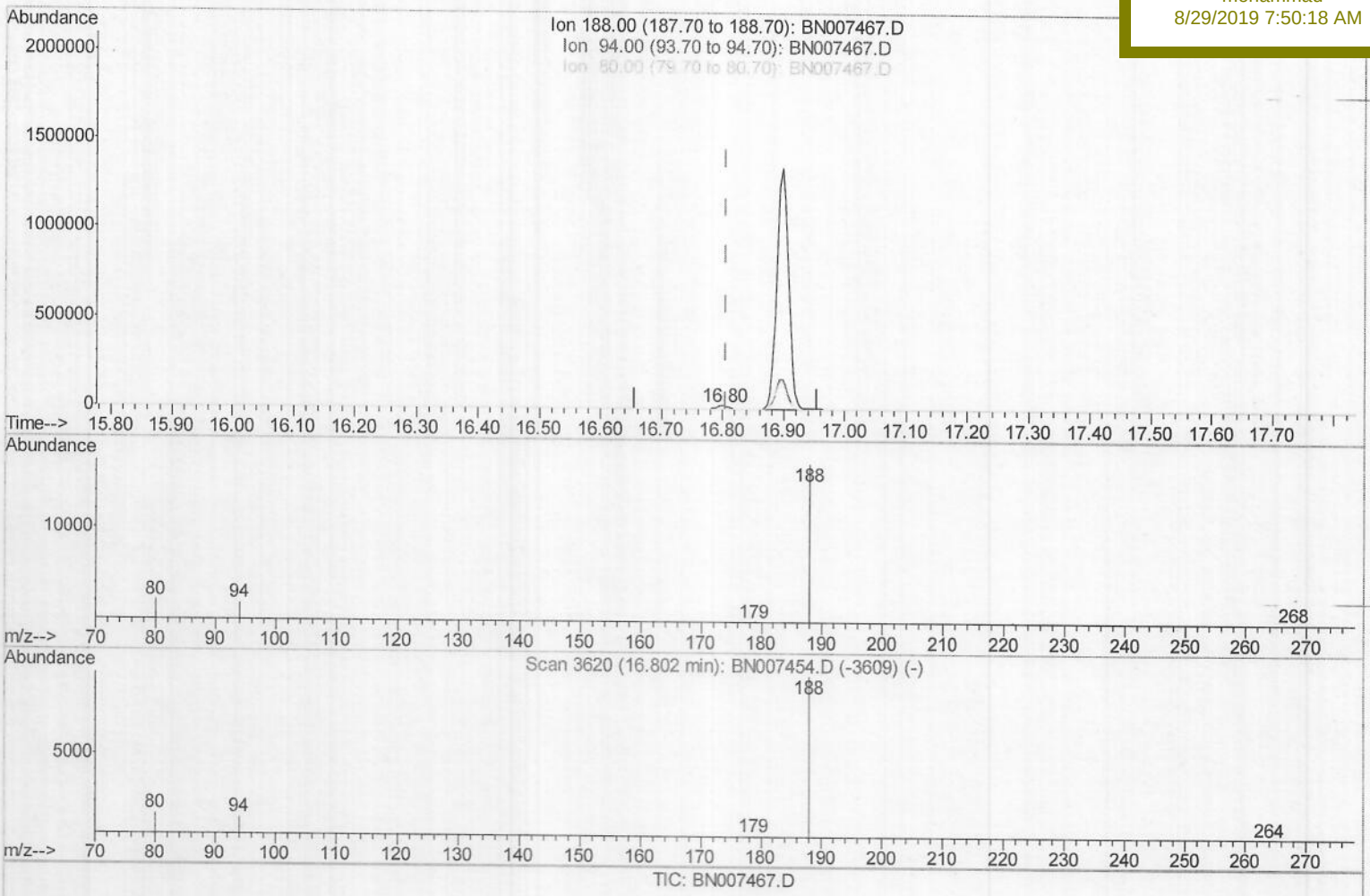
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007467.D
Acq On : 28 Aug 2019 14:25
Operator : HP/JU
Sample : K4373-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 28 15:01:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
C0AH6

**Manual Integrations APPROVED**
mohammad
8/29/2019 7:50:18 AM




(10) Phenanthrene-d10 (I)

16.801min (-0.005) 0.40ng/ul m) JU 08/29/19

response 24043

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 100 |
| 94.00 | 11.30 | 10.87 |
| 80.00 | 12.40 | 12.29 |
| 0.00 | 0.00 | 0.00 |

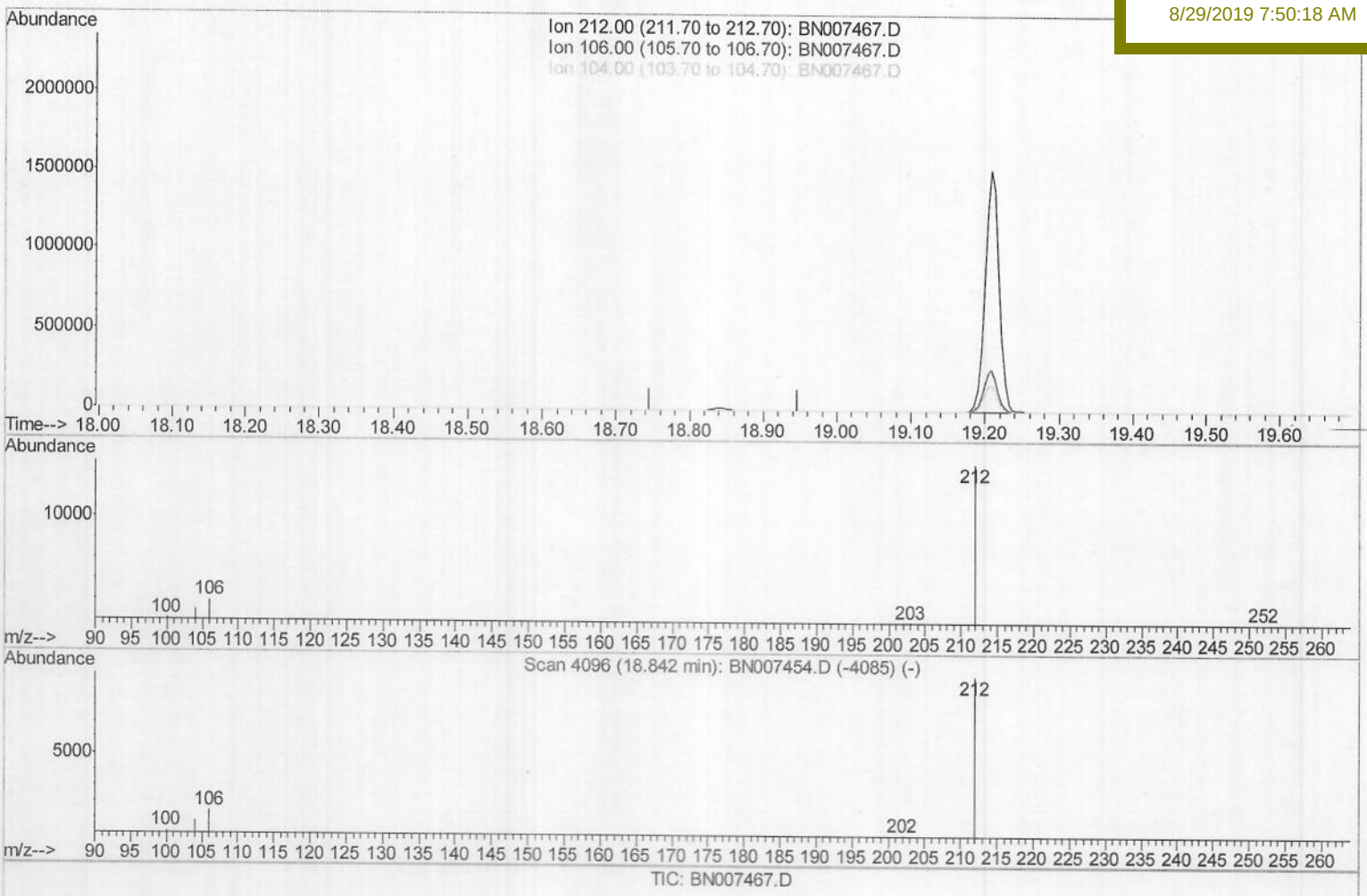
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007467.D
Acq On : 28 Aug 2019 14:25
Operator : HP/JU
Sample : K4373-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 28 15:02:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
C0AH6

**Manual Integrations APPROVED**
mohammad
8/29/2019 7:50:18 AM




(14) Fluoranthene-d10 (SURR)

18.847min (-18.847) 0.00ng/ul

response 0

| Ion | Exp% | Act% |
|---|---|---|
| 212.00 | 100 | 0.00 |
| 106.00 | 14.30 | 0.00# |
| 104.00 | 8.00 | 0.00# |
| 0.00 | 0.00 | 0.00 |

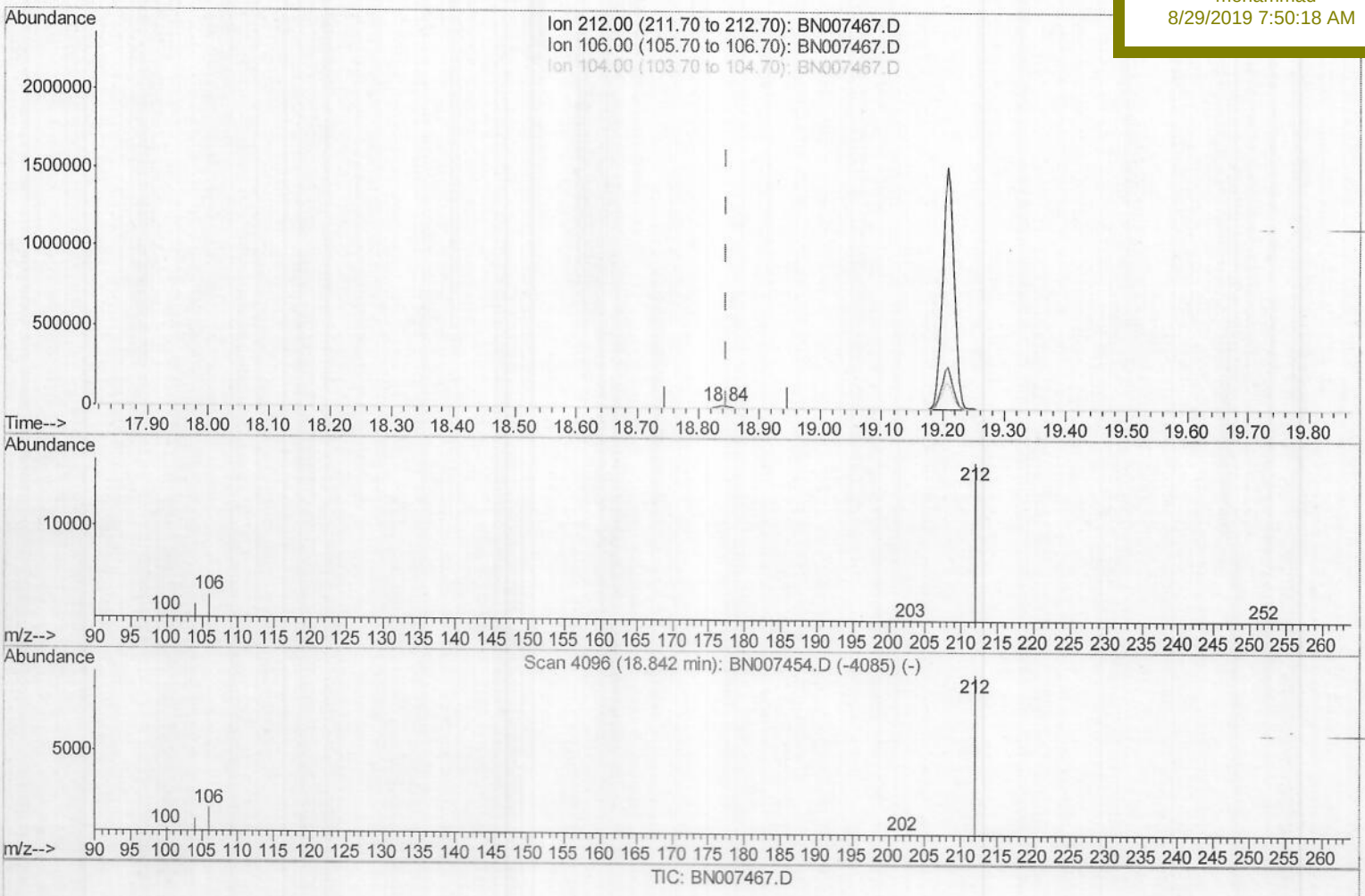
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007467.D
Acq On : 28 Aug 2019 14:25
Operator : HP/JU
Sample : K4373-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 28 15:02:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
C0AH6

**Manual Integrations APPROVED**
mohammad
8/29/2019 7:50:18 AM



TIC: BN007467.D

(14) Fluoranthene-d10 (SURR)

18.841min (-0.005) 0.29ng/ul m JU 08/29/19

response 22848

| Ion | Exp% | Act% |
|---|---|---|
| 212.00 | 100 | 100 |
| 106.00 | 14.30 | 0.00# |
| 104.00 | 8.00 | 0.00# |
| 0.00 | 0.00 | 0.00 |

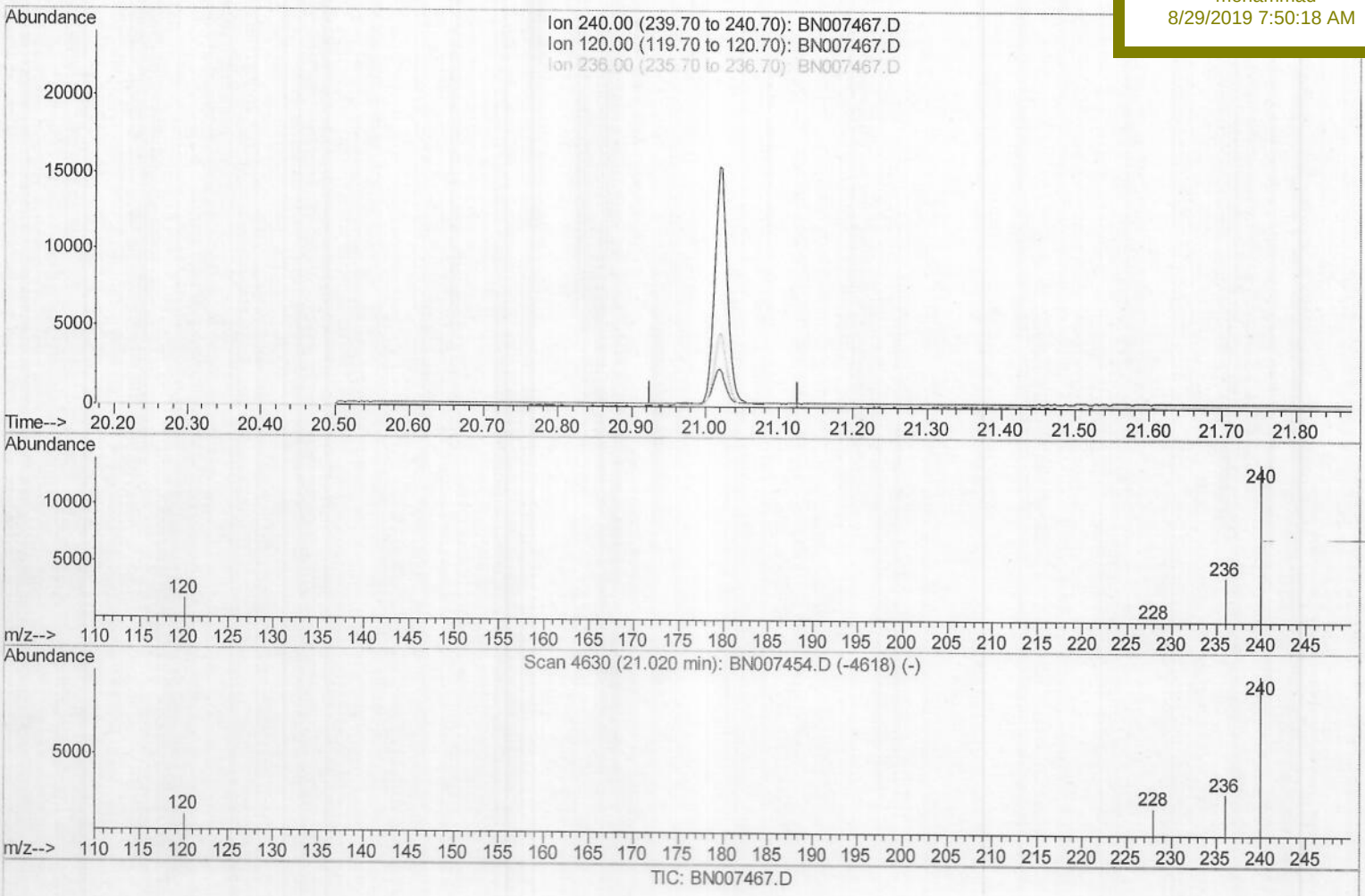
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007467.D
Acq On : 28 Aug 2019 14:25
Operator : HP/JU
Sample : K4373-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 28 15:02:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
C0AH6

**Manual Integrations APPROVED**
mohammad
8/29/2019 7:50:18 AM










TIC: BN007467.D

(16) Chrysene-d12 (I)

21.026min (-21.026) 0.00ng/ul

response 0

| Ion | Exp% | Act% |
|---|---|---|
| 240.00 | 100 | 0.00 |
| 120.00 | 15.00 | 0.00# |
| 236.00 | 28.60 | 0.00# |
| 0.00 | 0.00 | 0.00 |

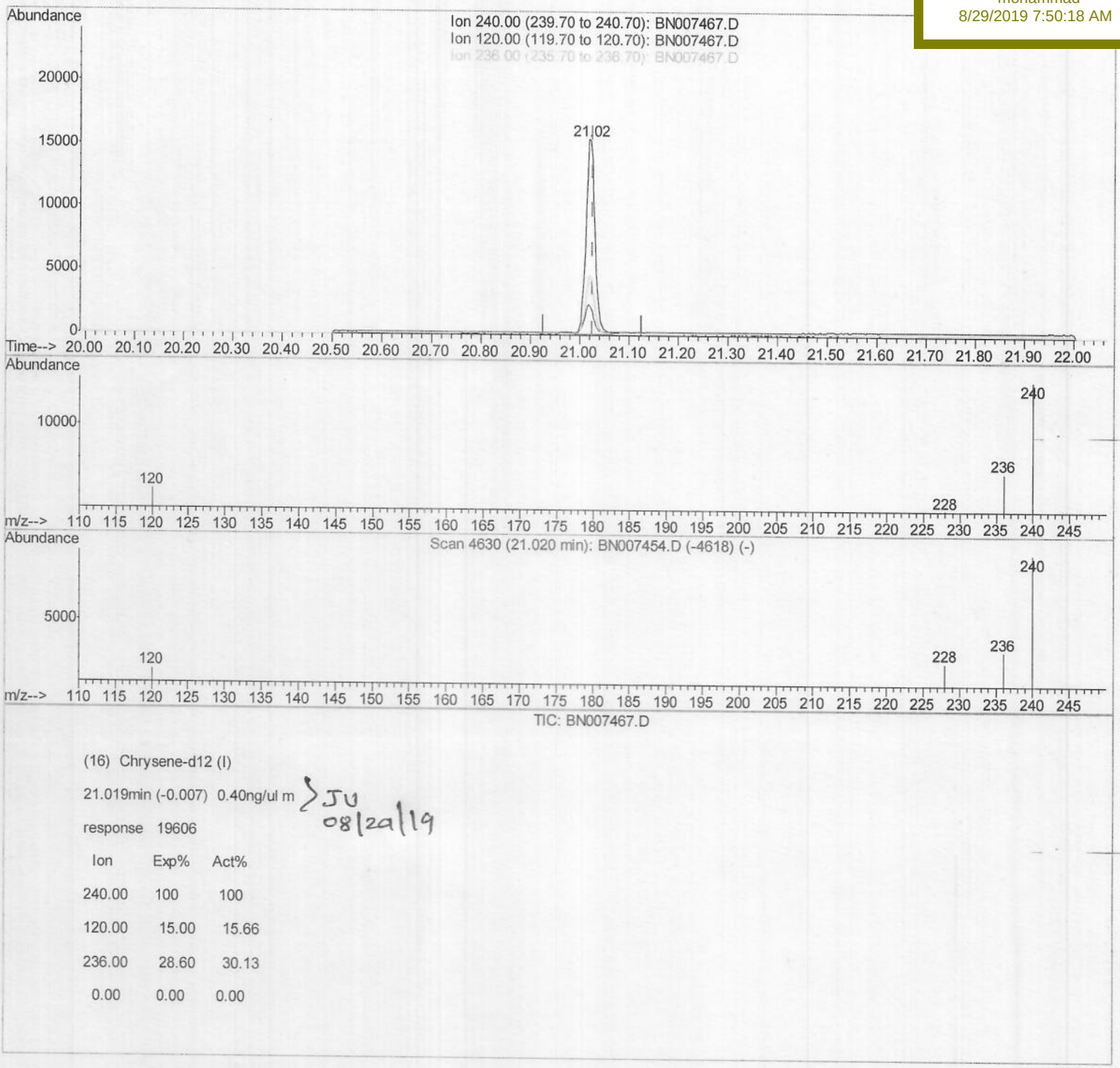
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007467.D
Acq On : 28 Aug 2019 14:25
Operator : HP/JU
Sample : K4373-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 28 15:02:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
C0AH6

**Manual Integrations APPROVED**
mohammad
8/29/2019 7:50:18 AM




(16) Chrysene-d12 (I)

21.019min (-0.007) 0.40ng/ul m JU 08/29/19

response 19606

| Ion | Exp% | Act% |
|---|---|---|
| 240.00 | 100 | 100 |
| 120.00 | 15.00 | 15.66 |
| 236.00 | 28.60 | 30.13 |
| 0.00 | 0.00 | 0.00 |

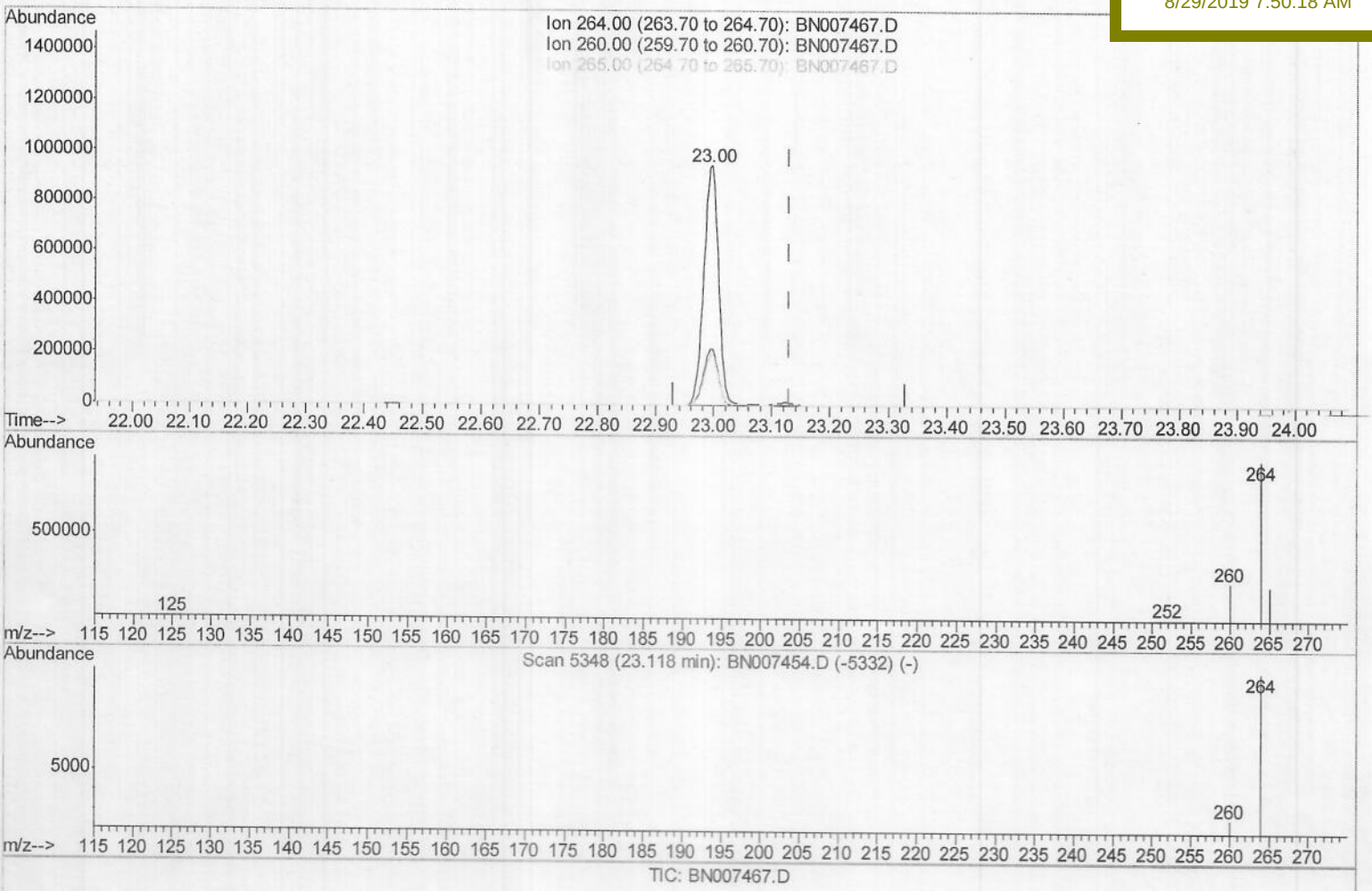
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007467.D
Acq On : 28 Aug 2019 14:25
Operator : HP/JU
Sample : K4373-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 28 15:03:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
C0AH6

**Manual Integrations APPROVED**
mohammad
8/29/2019 7:50:18 AM




TIC: BN007467.D

(20) Perylene-d12 (I)

22.997min (-0.132) 0.40ng/ul

response 1650414

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100 | 100 |
| 260.00 | 28.70 | 23.33 |
| 265.00 | 35.80 | 21.10# |
| 0.00 | 0.00 | 0.00 |

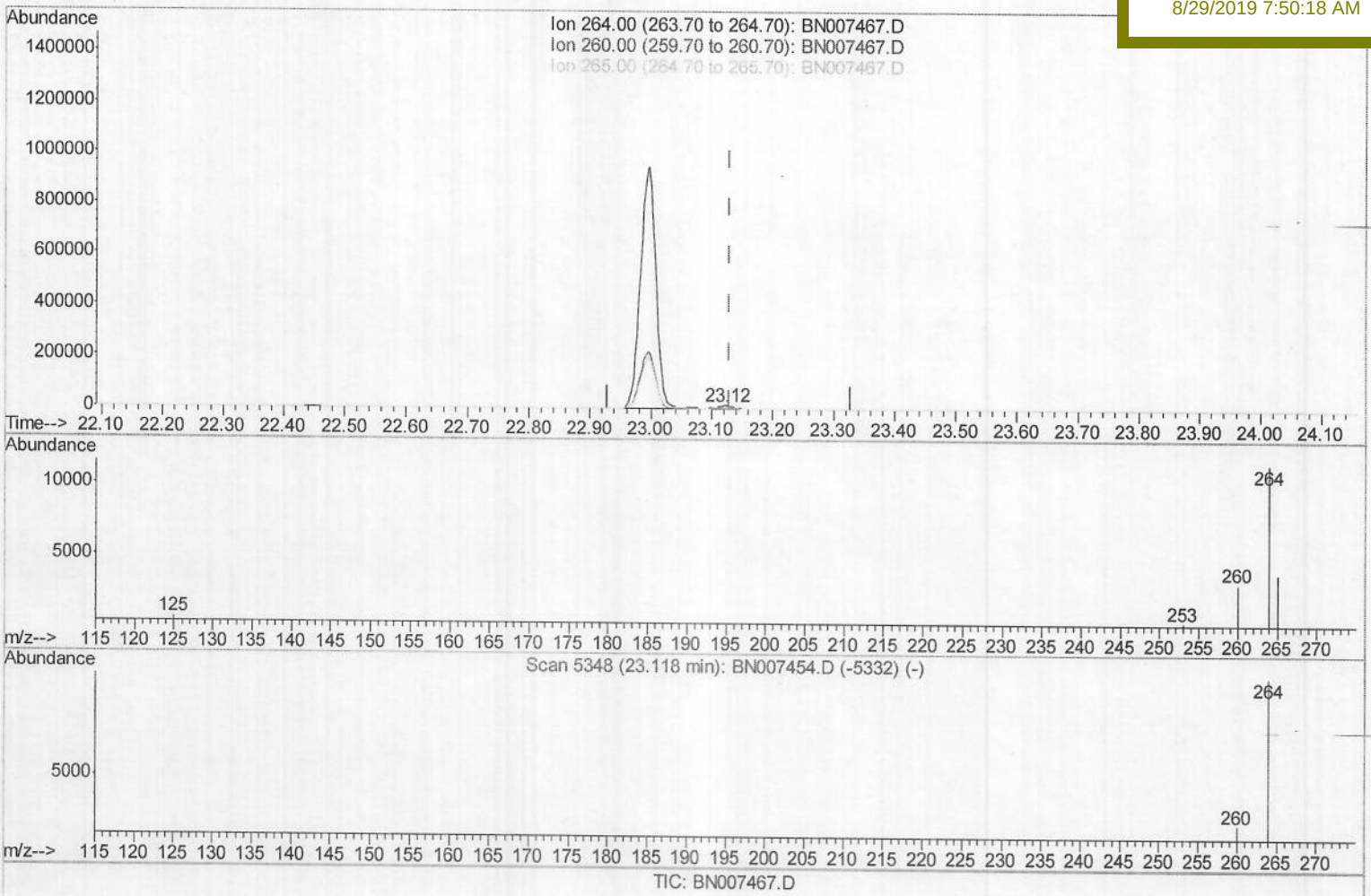
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007467.D
Acq On : 28 Aug 2019 14:25
Operator : HP/JU
Sample : K4373-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 28 15:03:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
C0AH6

**Manual Integrations APPROVED**
mohammad
8/29/2019 7:50:18 AM




(20) Perylene-d12 (I)

23.123min (-0.007) 0.40ng/ul m JU 08/29/19

response 17110

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100 | 100 |
| 260.00 | 28.70 | 27.95 |
| 265.00 | 35.80 | 34.24 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082819\
Data File : BN007467.D
Acq On : 28 Aug 2019 14:25
Operator : HP/JU
Sample : K4373-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Aug 28 15:03:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 20:30:31 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
C0AH6

**Manual Integrations APPROVED**
mohammad
8/29/2019 7:50:18 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.40 | 152 | 4703 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.15 | 136 | 20866 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.05 | 164 | 10727 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 16.80 | 188 | 24043m) | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.02 | 240 | 19606m) | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.12 | 264 | 17110m) | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 11.76 | 152 | 9722 | 0.30 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 18.84 | 212 | 22848m) | 0.29 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.20 | 128 | 3165 | 0.054 | ng/ul | # 88 |

JV 08/29/19

JV 08/29/19

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