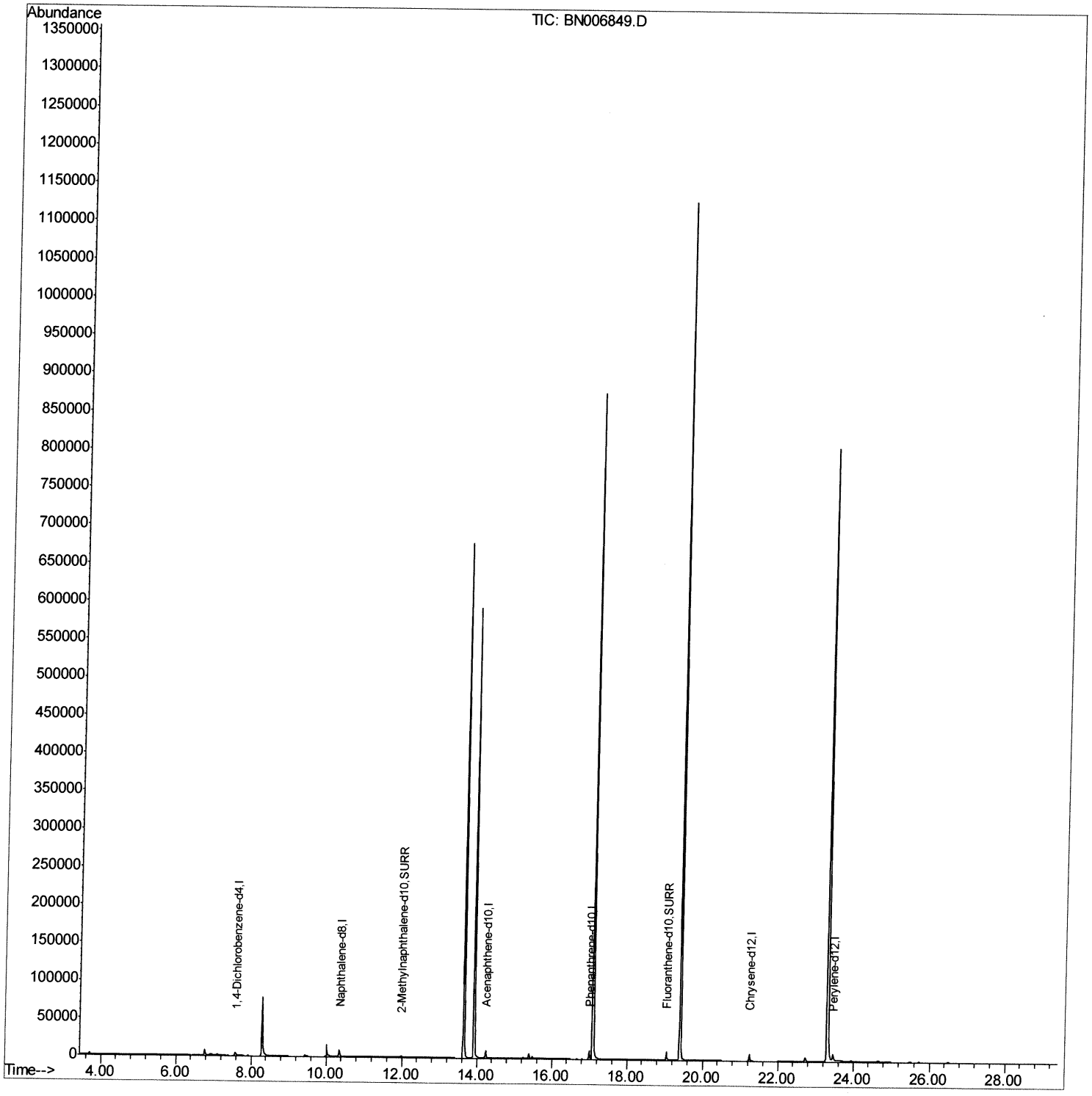
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071519\
Data File : BN006849.D
Acq On : 15 Jul 2019 14:54
Operator : HP/JU
Sample : K3762-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 15 17:47:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
BF4B7

**Manual Integrations APPROVED**
mohammad
7/16/2019 8:38:02 AM



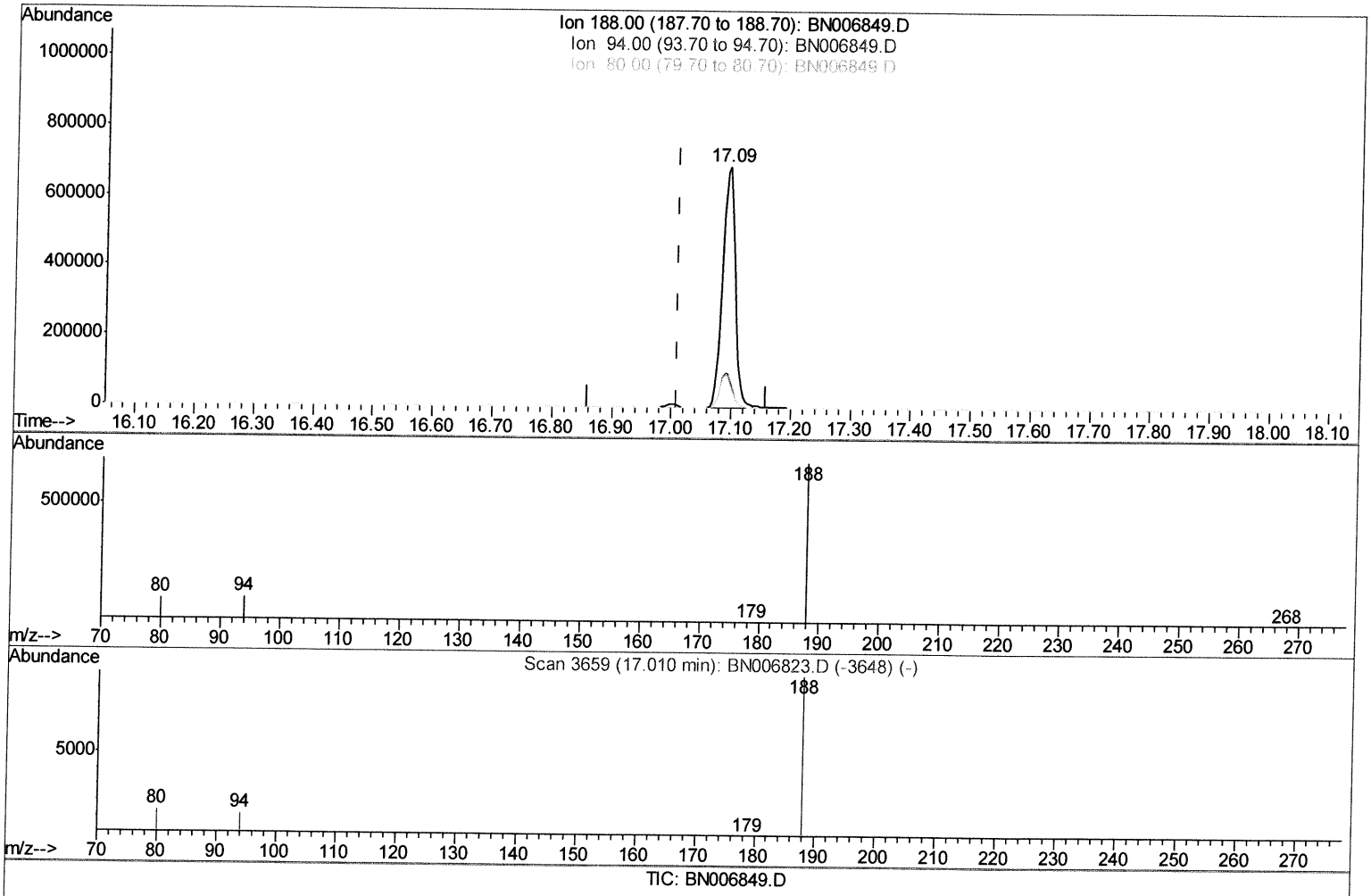
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071519\
Data File : BN006849.D
Acq On : 15 Jul 2019 14:54
Operator : HP/JU
Sample : K3762-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 15 17:43:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
BF4B7

**Manual Integrations APPROVED**
mohammad
7/16/2019 8:38:02 AM




TIC: BN006849.D

(10) Phenanthrene-d10 (I)

17.094min (+0.084) 0.40ng/ul

response 1012427

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 100 |
| 94.00 | 13.70 | 13.99 |
| 80.00 | 14.80 | 13.16 |
| 0.00 | 0.00 | 0.00 |

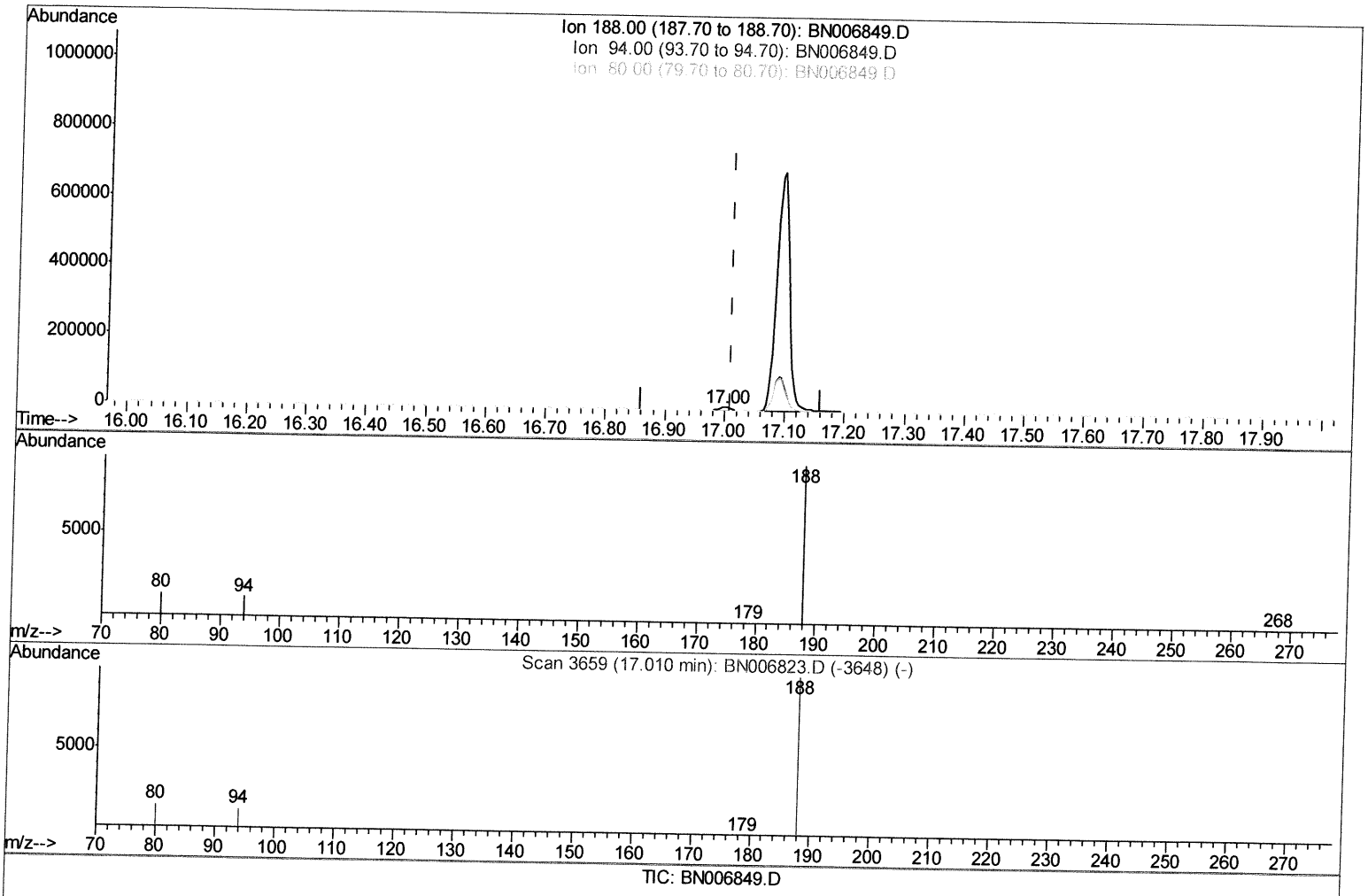
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071519\
Data File : BN006849.D
Acq On : 15 Jul 2019 14:54
Operator : HP/JU
Sample : K3762-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 15 17:43:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
BF4B7

**Manual Integrations APPROVED**
mohammad
7/16/2019 8:38:02 AM




(10) Phenanthrene-d10 (I)

17.002min (-0.009) 0.40ng/ul m JU 07/16/19

response 13077

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 100 |
| 94.00 | 13.70 | 12.64 |
| 80.00 | 14.80 | 14.22 |
| 0.00 | 0.00 | 0.00 |

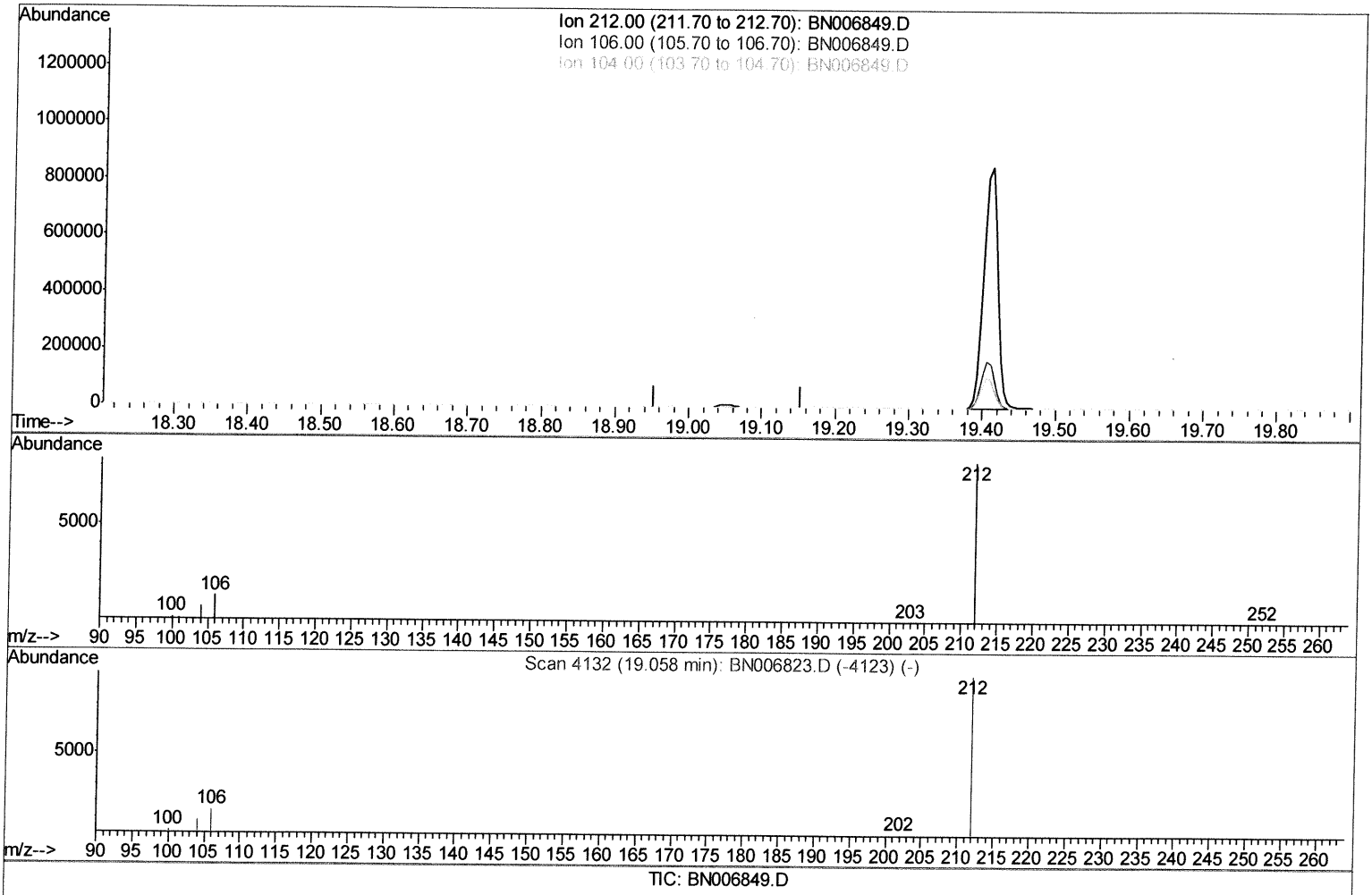
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071519\
Data File : BN006849.D
Acq On : 15 Jul 2019 14:54
Operator : HP/JU
Sample : K3762-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 15 17:44:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
BF4B7

**Manual Integrations APPROVED**
mohammad
7/16/2019 8:38:02 AM




TIC: BN006849.D

(14) Fluoranthene-d10 (SURR)

19.053min (-19.053) 0.00ng/ul

response 0

| Ion | Exp% | Act% |
|---|---|---|
| 212.00 | 100 | 0.00 |
| 106.00 | 17.80 | 0.00# |
| 104.00 | 9.70 | 0.00# |
| 0.00 | 0.00 | 0.00 |

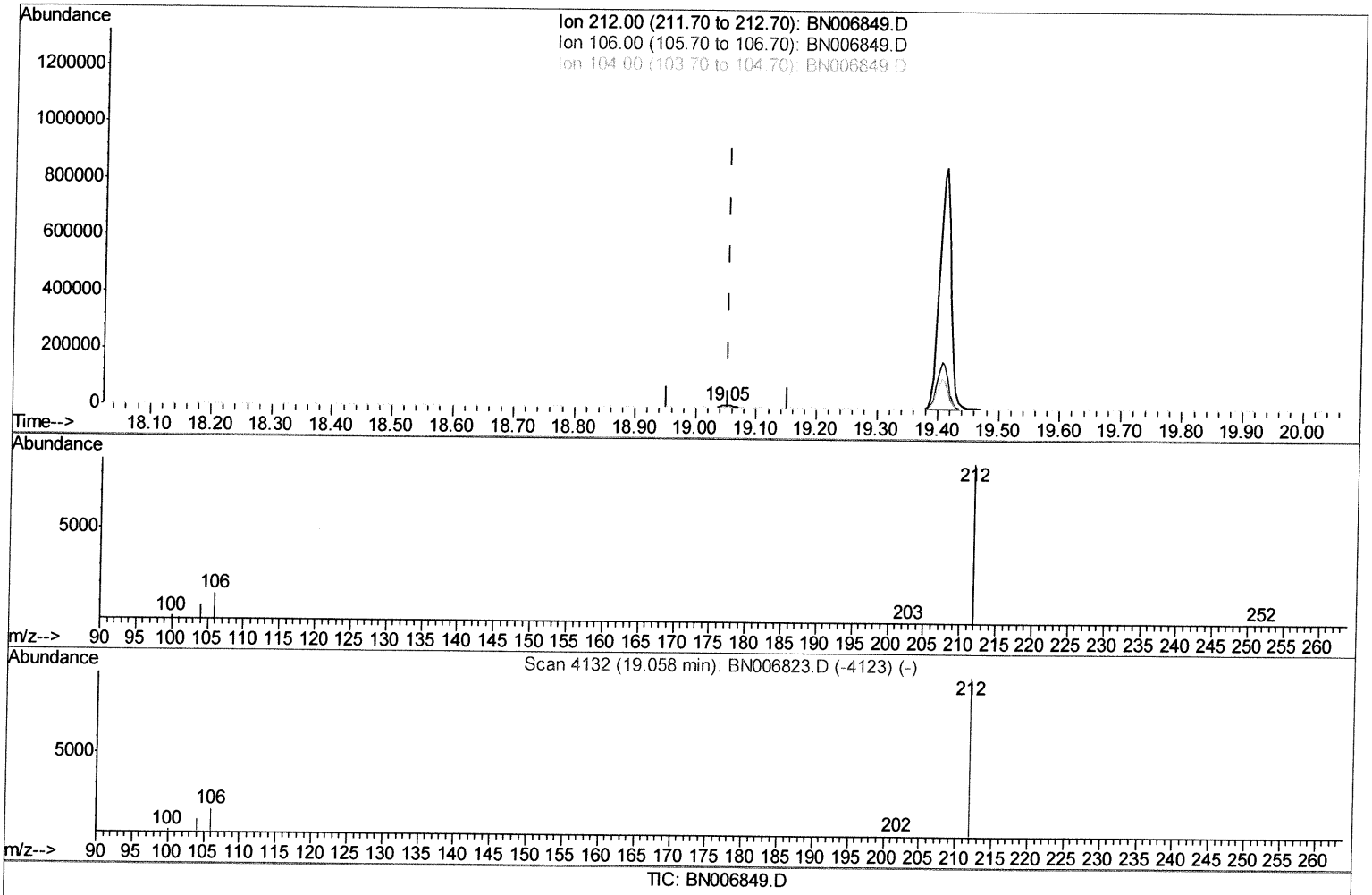
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071519\
Data File : BN006849.D
Acq On : 15 Jul 2019 14:54
Operator : HP/JU
Sample : K3762-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 15 17:44:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
BF4B7

**Manual Integrations APPROVED**
mohammad
7/16/2019 8:38:02 AM




(14) Fluoranthene-d10 (SURR)

19.048min (-0.005) 0.32ng/ul m JU 07/16/19

response 12385

| Ion | Exp% | Act% |
|---|---|---|
| 212.00 | 100 | 100 |
| 106.00 | 17.80 | 0.00# |
| 104.00 | 9.70 | 0.00# |
| 0.00 | 0.00 | 0.00 |

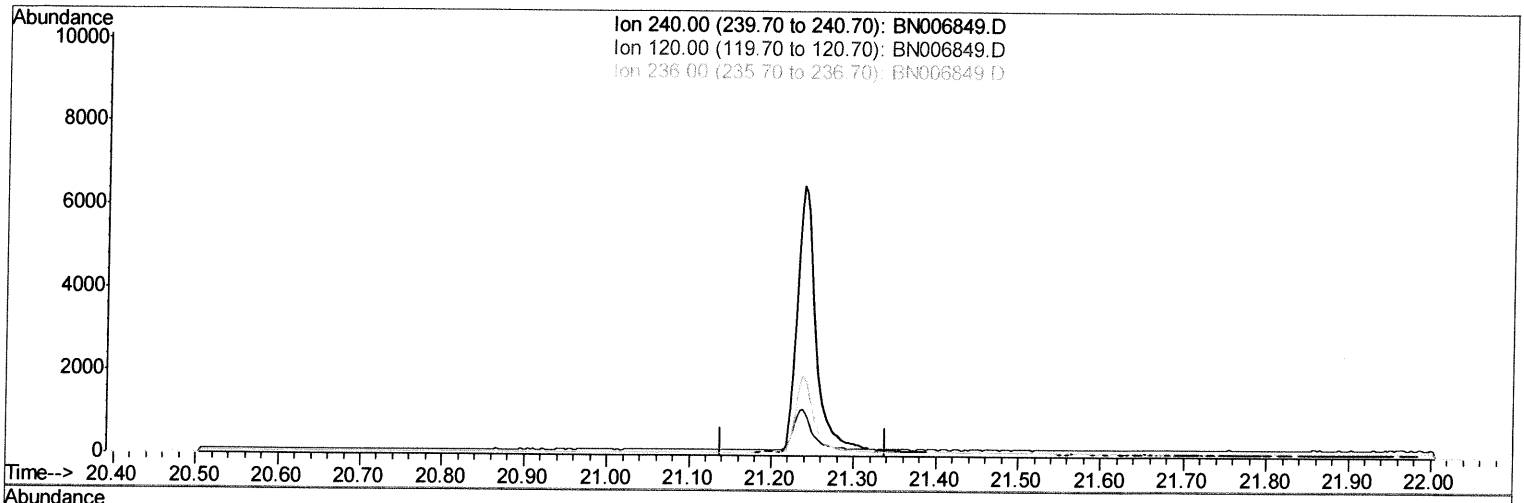
Quantitation Report (Qedit)

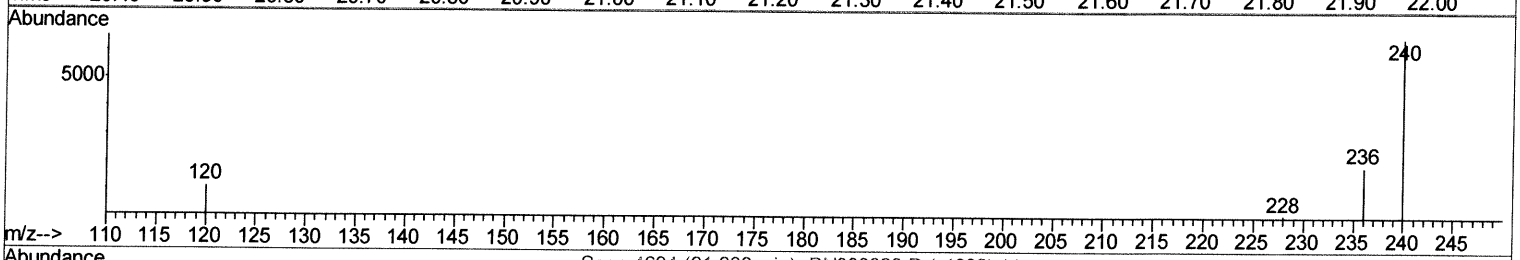
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071519\
Data File : BN006849.D
Acq On : 15 Jul 2019 14:54
Operator : HP/JU
Sample : K3762-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

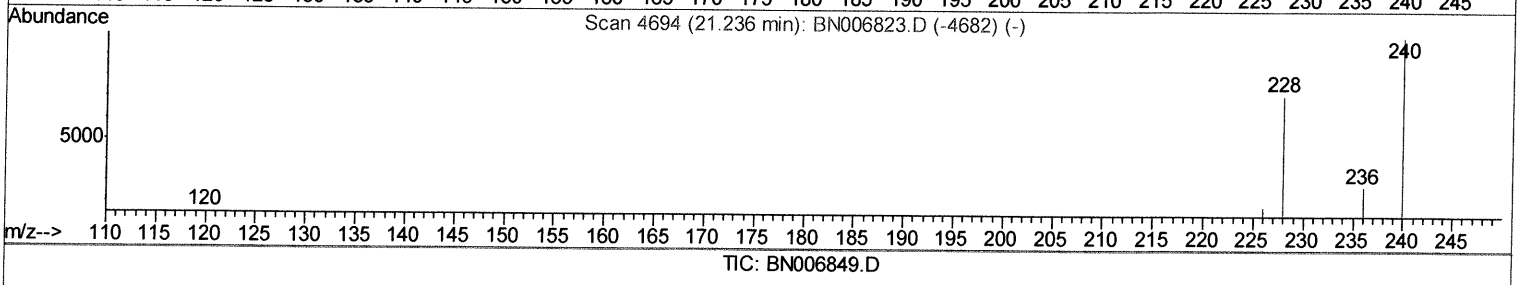
Quant Time: Jul 15 17:44:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
BF4B7

**Manual Integrations APPROVED**
mohammad
7/16/2019 8:38:02 AM




TIC: BN006849.D

(16) Chrysene-d12 (I)

21.239min (-21.239) 0.00ng/ul

response 0

| Ion | Exp% | Act% |
|---|---|---|
| 240.00 | 100 | 0.00 |
| 120.00 | 20.20 | 0.00# |
| 236.00 | 30.00 | 0.00# |
| 0.00 | 0.00 | 0.00 |

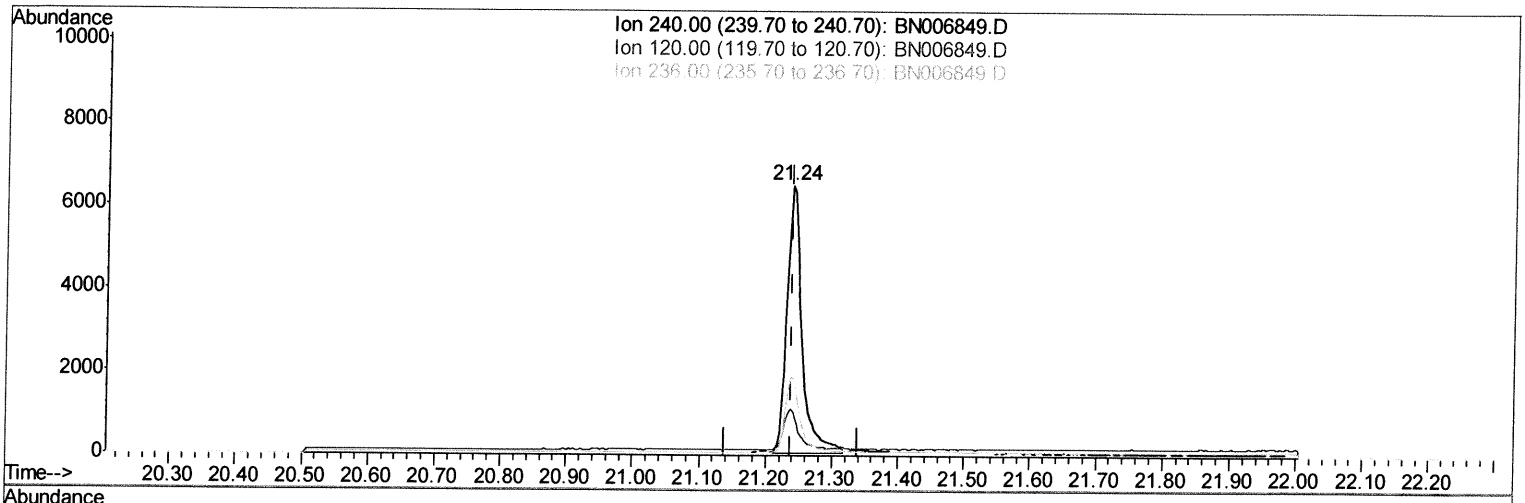
Quantitation Report (Qedit)

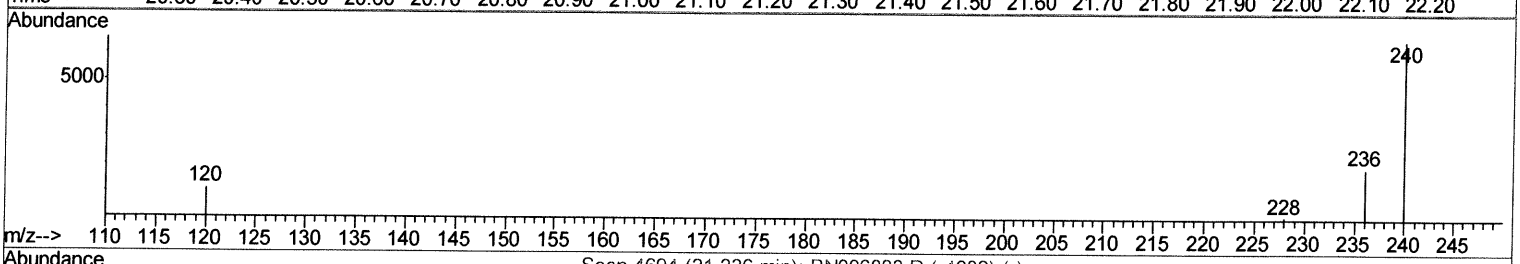
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071519\
Data File : BN006849.D
Acq On : 15 Jul 2019 14:54
Operator : HP/JU
Sample : K3762-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

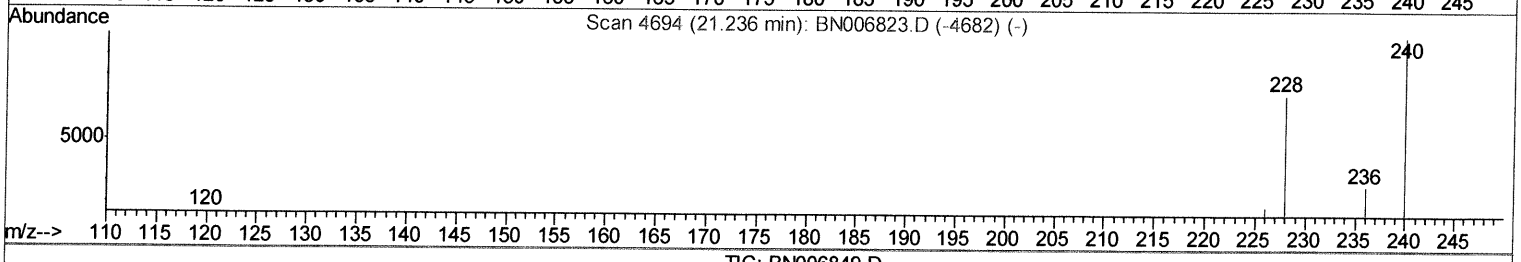
Quant Time: Jul 15 17:44:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
BF4B7

**Manual Integrations APPROVED**
mohammad
7/16/2019 8:38:02 AM




TIC: BN006849.D

(16) Chrysene-d12 (I)

21.238min (-0.001) 0.40ng/ul m JV 07/16/19

response 10271

| Ion | Exp% | Act% |
|---|---|---|
| 240.00 | 100 | 100 |
| 120.00 | 20.20 | 17.31 |
| 236.00 | 30.00 | 29.35 |
| 0.00 | 0.00 | 0.00 |

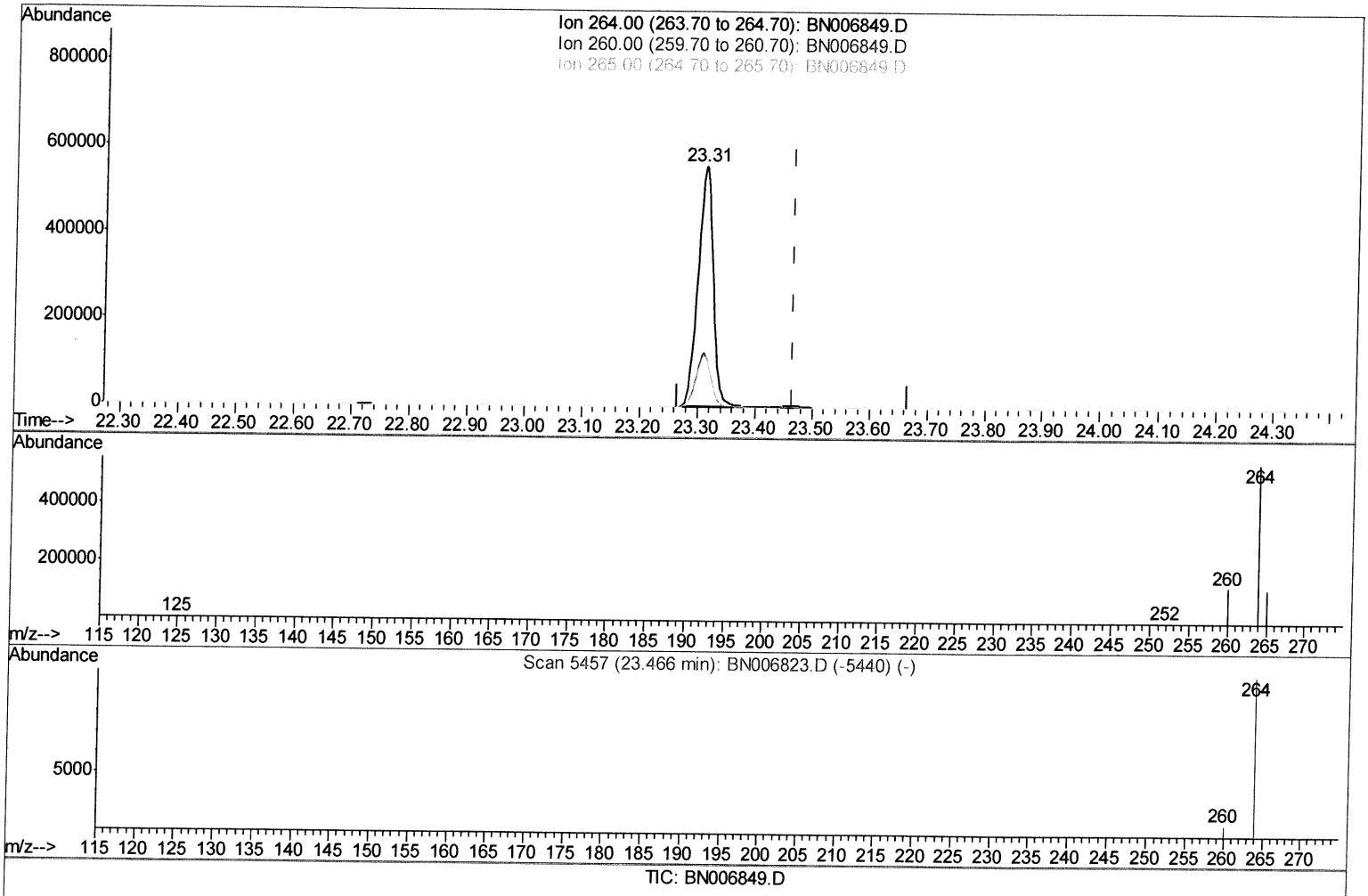
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071519\
Data File : BN006849.D
Acq On : 15 Jul 2019 14:54
Operator : HP/JU
Sample : K3762-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 15 17:46:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
BF4B7

**Manual Integrations APPROVED**
mohammad
7/16/2019 8:38:02 AM




(20) Perylene-d12 (I)

23.310min (-0.156) 0.40ng/ul

response 1012598

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100 | 100 |
| 260.00 | 27.80 | 22.62 |
| 265.00 | 36.10 | 21.41# |
| 0.00 | 0.00 | 0.00 |

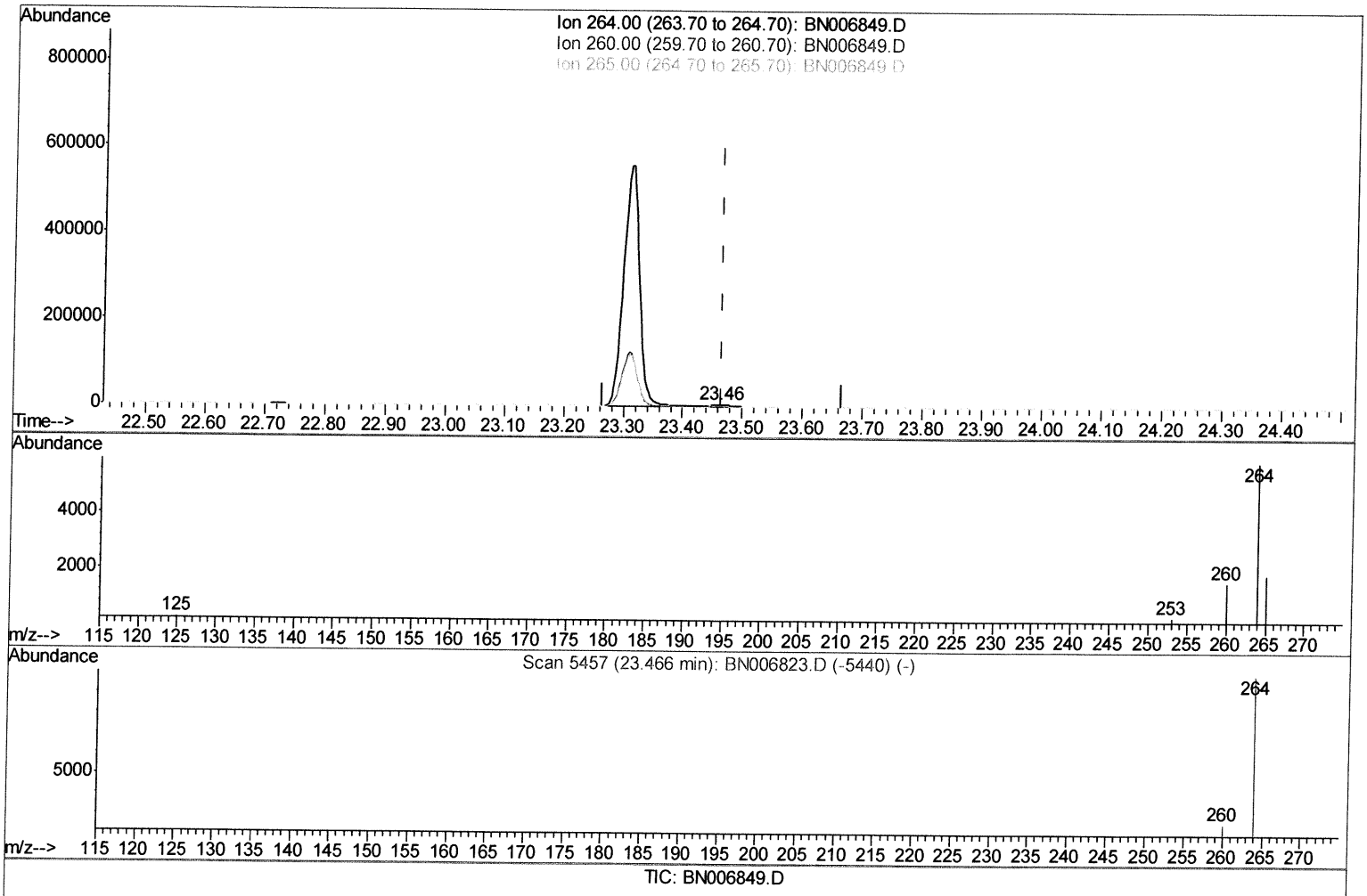
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071519\
Data File : BN006849.D
Acq On : 15 Jul 2019 14:54
Operator : HP/JU
Sample : K3762-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 15 17:46:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
BF4B7

**Manual Integrations APPROVED**
mohammad
7/16/2019 8:38:02 AM




TIC: BN006849.D

(20) Perylene-d12 (I)

23.462min (-0.004) 0.40ng/ul m JV 07/16/19

response 9116

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100 | 100 |
| 260.00 | 27.80 | 27.09 |
| 265.00 | 36.10 | 31.28 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071519\
Data File : BN006849.D
Acq On : 15 Jul 2019 14:54
Operator : HP/JU
Sample : K3762-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 15 17:47:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN062719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 06:39:20 2019
Response via : Initial Calibration

**Instrument :** BNA_N
**ClientSampleId :** BF4B7

**Manual Integrations APPROVED**
mohammad
7/16/2019 8:38:02 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.58 | 152 | 3240 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.35 | 136 | 11680 | 0.40 | ng/ul | -0.01 |
| 6) Acenaphthene-d10 | 14.24 | 164 | 5931 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.00 | 188 | 13077m> | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.24 | 240 | 10271m> | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.46 | 264 | 9116m> | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 11.98 | 152 | 4055 | 0.23 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.05 | 212 | 12385m> | 0.32 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |

JU 07/16/19

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