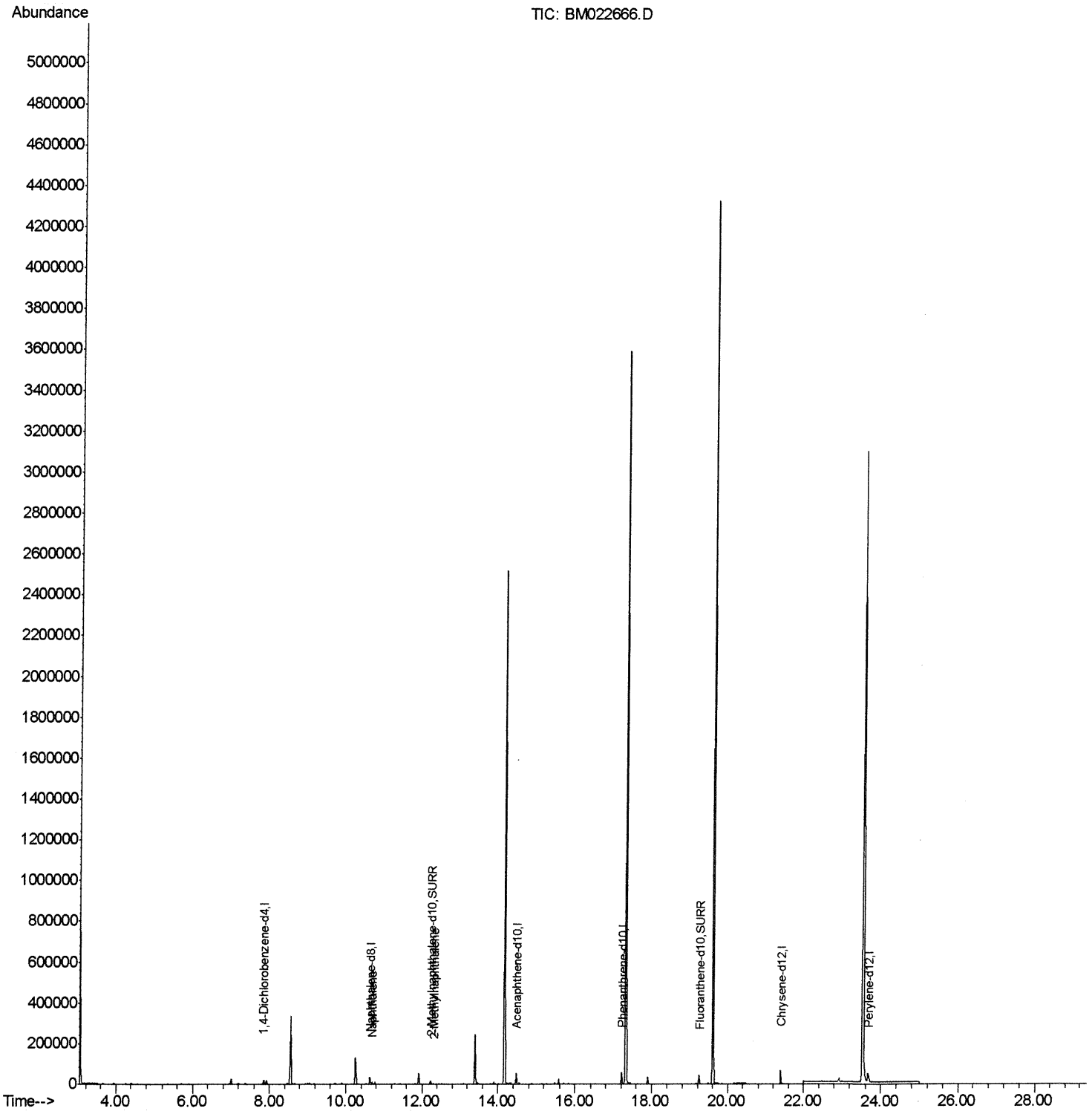
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091219\
Data File : BM022666.D
Acq On : 12 Sep 2019 14:20
Operator : HP/JU
Sample : K4706-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 12 15:29:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
BF576

**Manual Integrations APPROVED**
mohammad
9/16/2019 8:58:55 AM



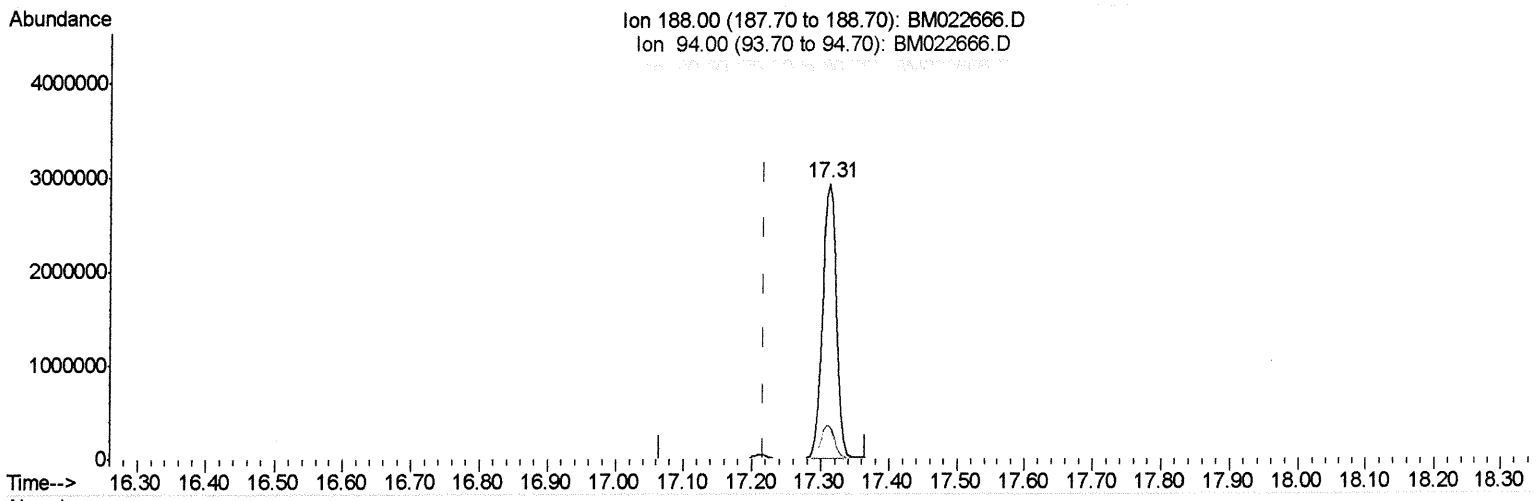
Quantitation Report (Qedit)

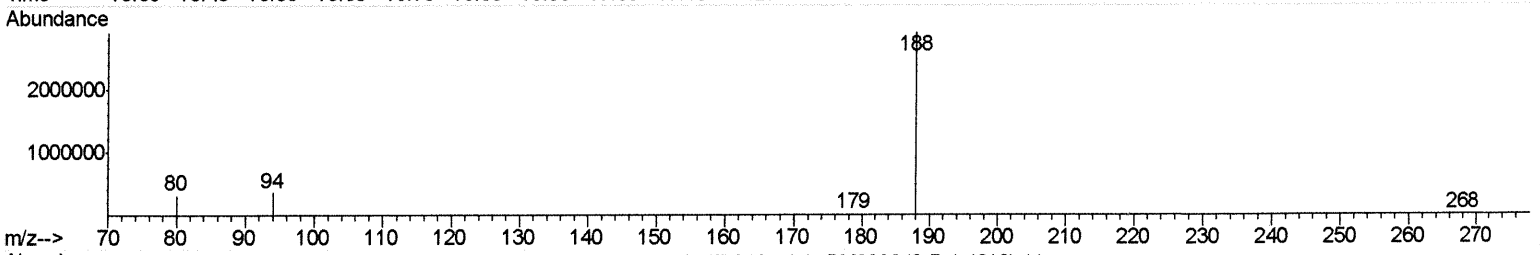
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091219\
Data File : BM022666.D
Acq On : 12 Sep 2019 14:20
Operator : HP/JU
Sample : K4706-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

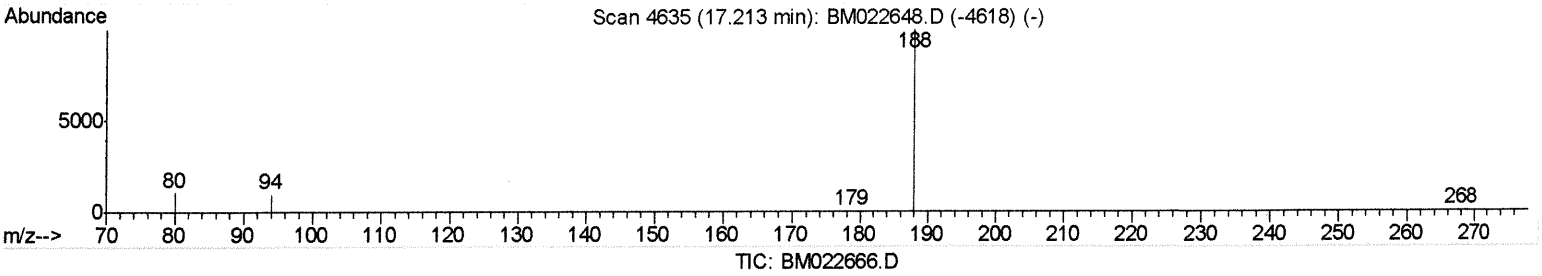
Quant Time: Sep 12 15:00:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
BF576

**Manual Integrations APPROVED**
mohammad
9/16/2019 8:58:55 AM




TIC: BM022666.D

(10) Phenanthrene-d10 (I)

17.311min (+0.095) 0.40ng/ul

response 4133214

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 100 |
| 94.00 | 9.80 | 12.02# |
| 80.00 | 11.00 | 10.55 |
| 0.00 | 0.00 | 0.00 |

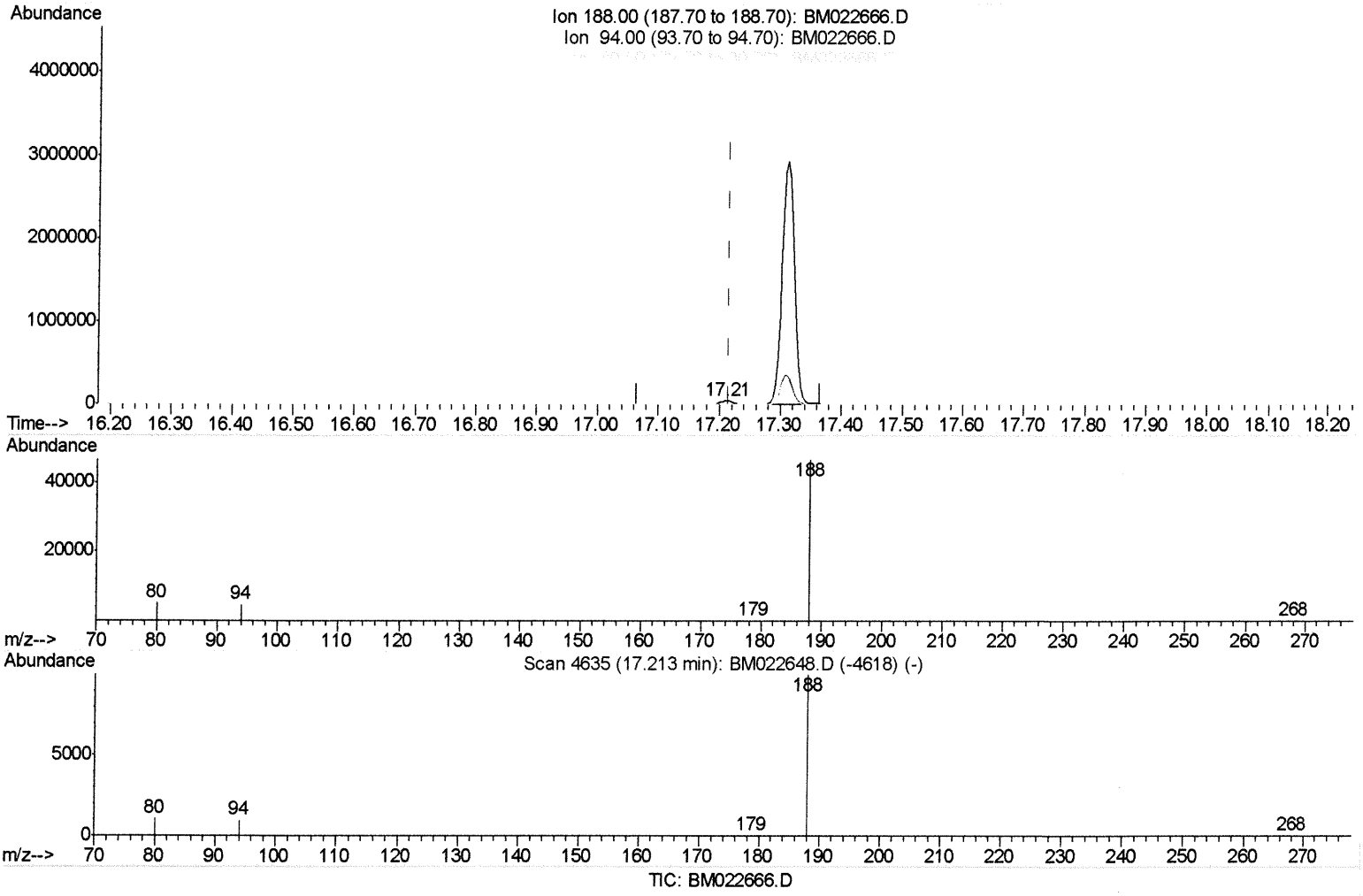
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091219\
Data File : BM022666.D
Acq On : 12 Sep 2019 14:20
Operator : HP/JU
Sample : K4706-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 12 15:00:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
BF576

**Manual Integrations APPROVED**
mohammad
9/16/2019 8:58:55 AM




(10) Phenanthrene-d10 (I)

17.211min (-0.005) 0.40ng/ul m JU 09/13/19

response 64275

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 100 |
| 94.00 | 9.80 | 9.78 |
| 80.00 | 11.00 | 10.82 |
| 0.00 | 0.00 | 0.00 |

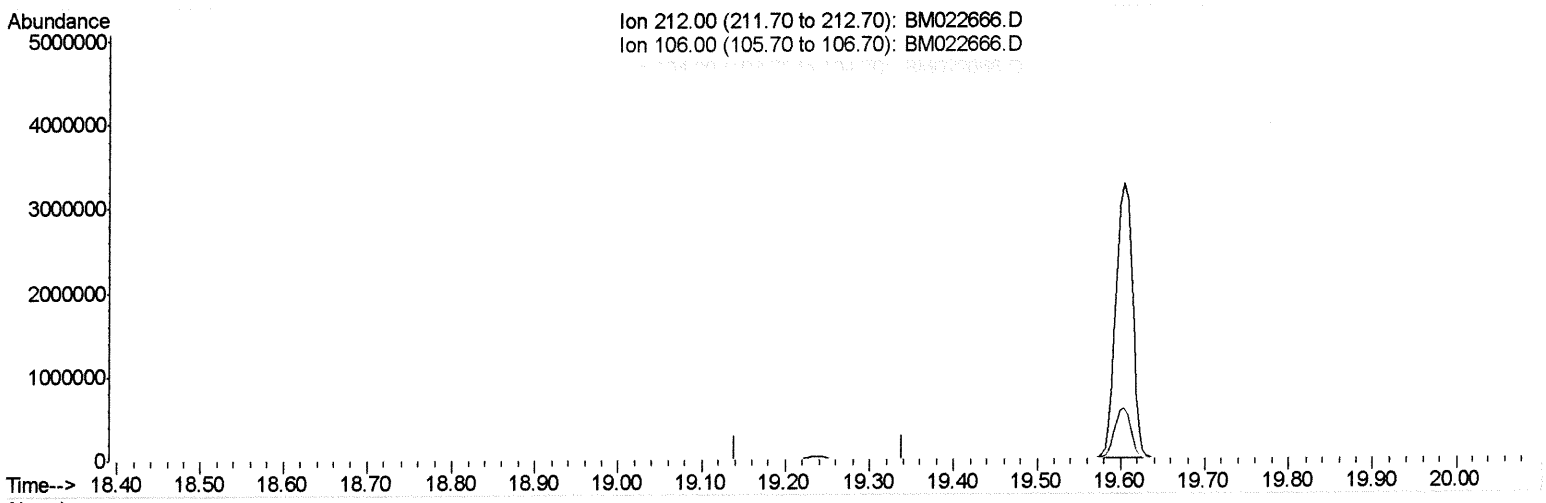
Quantitation Report (Qedit)

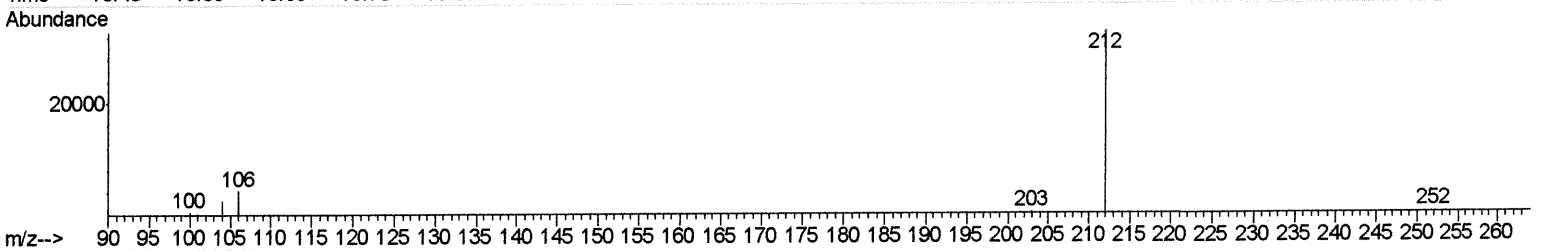
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091219\
Data File : BM022666.D
Acq On : 12 Sep 2019 14:20
Operator : HP/JU
Sample : K4706-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

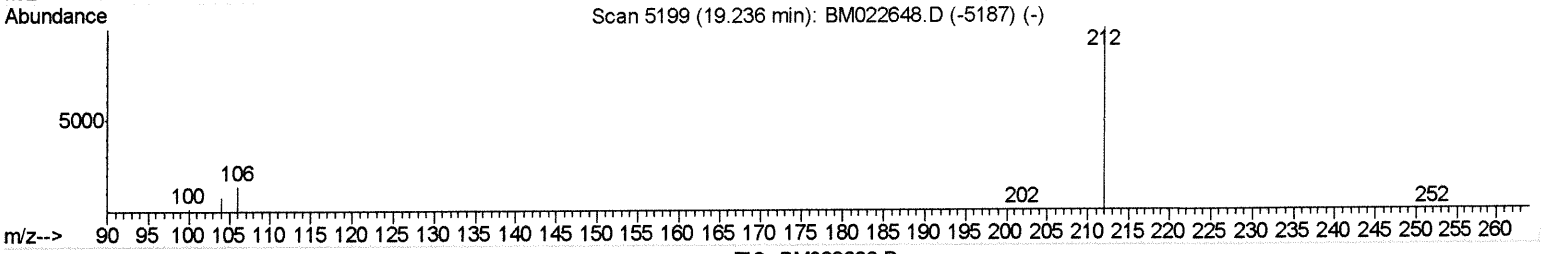
Quant Time: Sep 12 15:28:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
BF576

**Manual Integrations APPROVED**
mohammad
9/16/2019 8:58:55 AM




TIC: BM022666.D

(14) Fluoranthene-d10 (SURR)

19.240min (-19.240) 0.00ng/ul

response 0

| Ion | Exp% | Act% |
|---|---|---|
| 212.00 | 100 | 0.00 |
| 106.00 | 14.00 | 0.00# |
| 104.00 | 8.00 | 0.00# |
| 0.00 | 0.00 | 0.00 |

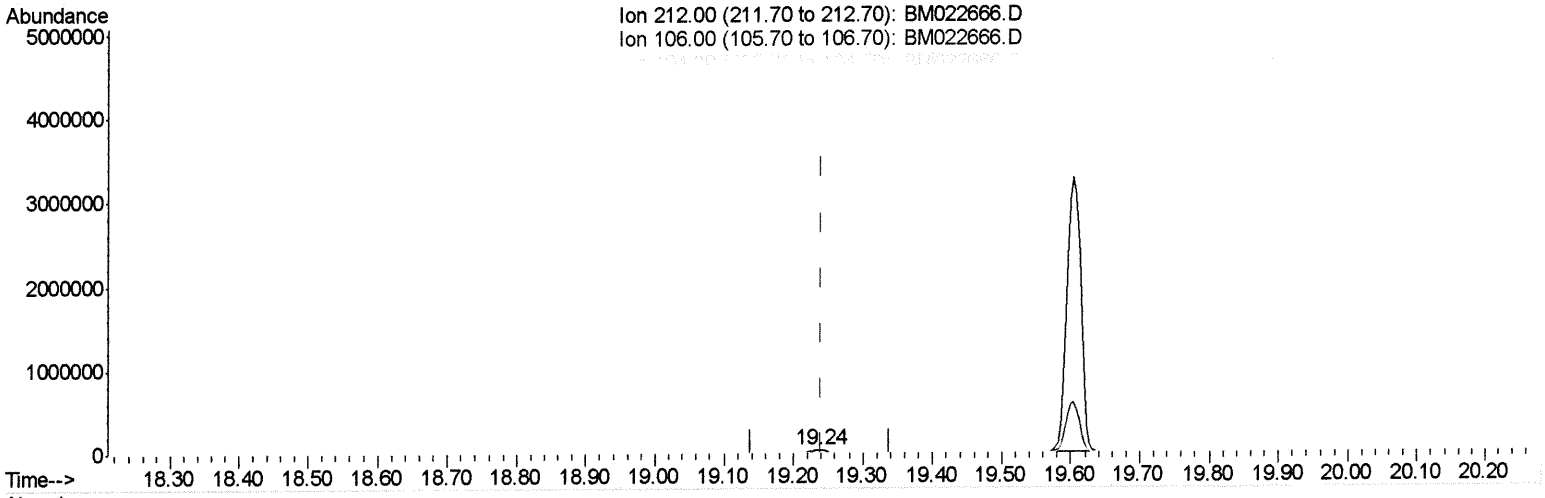
Quantitation Report (Qedit)

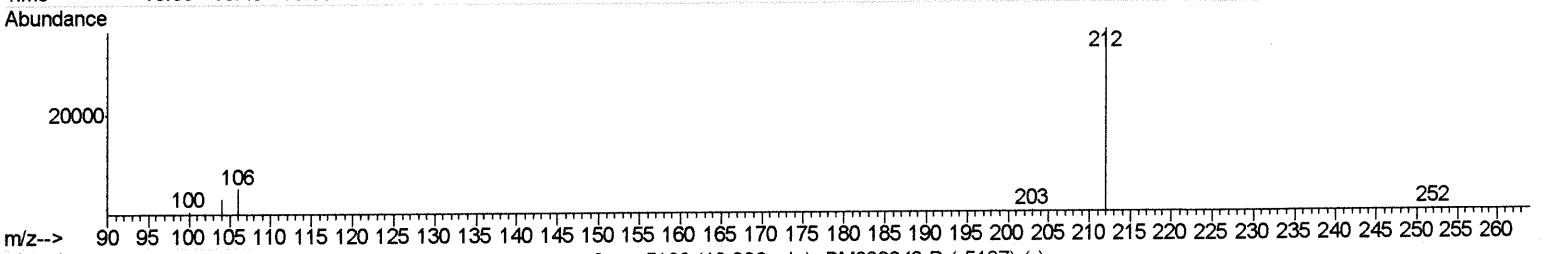
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091219\
Data File : BM022666.D
Acq On : 12 Sep 2019 14:20
Operator : HP/JU
Sample : K4706-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

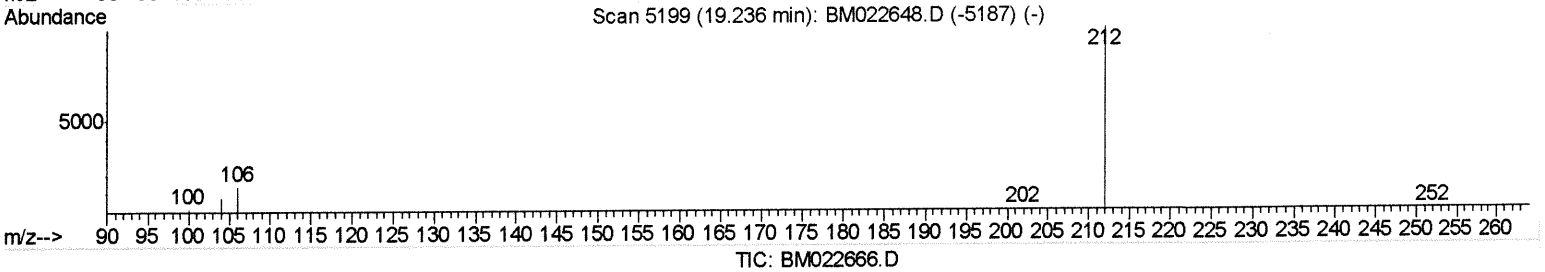
Quant Time: Sep 12 15:28:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
BF576

**Manual Integrations APPROVED**
mohammad
9/16/2019 8:58:55 AM




TIC: BM022666.D

(14) Fluoranthene-d10 (SURR)

19.237min (-0.002) 0.28ng/ul m JU 09/13/19

response 48646

| Ion | Exp% | Act% |
|---|---|---|
| 212.00 | 100 | 100 |
| 106.00 | 14.00 | 0.00# |
| 104.00 | 8.00 | 0.00# |
| 0.00 | 0.00 | 0.00 |

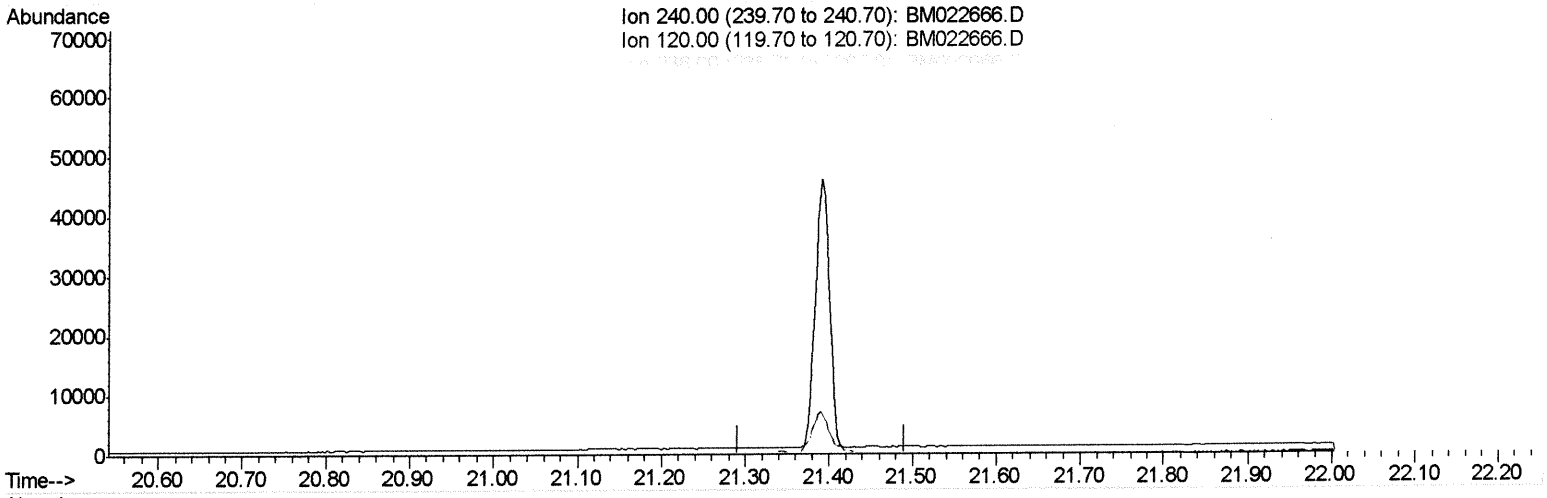
Quantitation Report (Qedit)

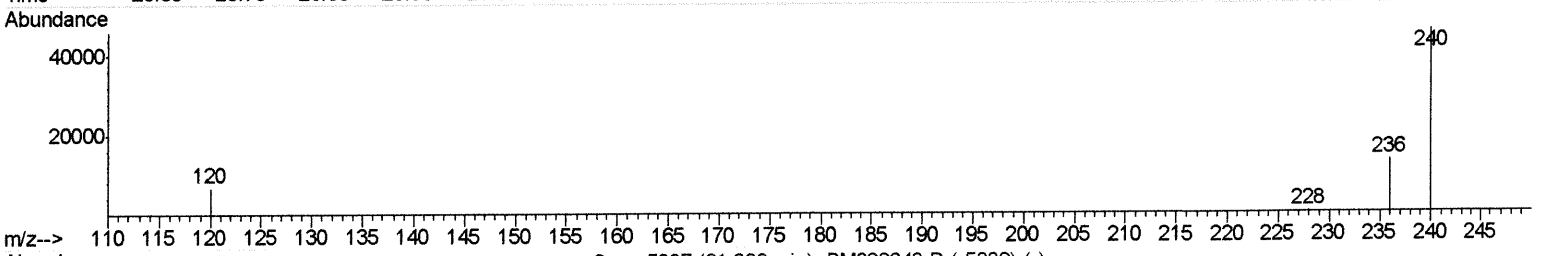
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091219\
Data File : BM022666.D
Acq On : 12 Sep 2019 14:20
Operator : HP/JU
Sample : K4706-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

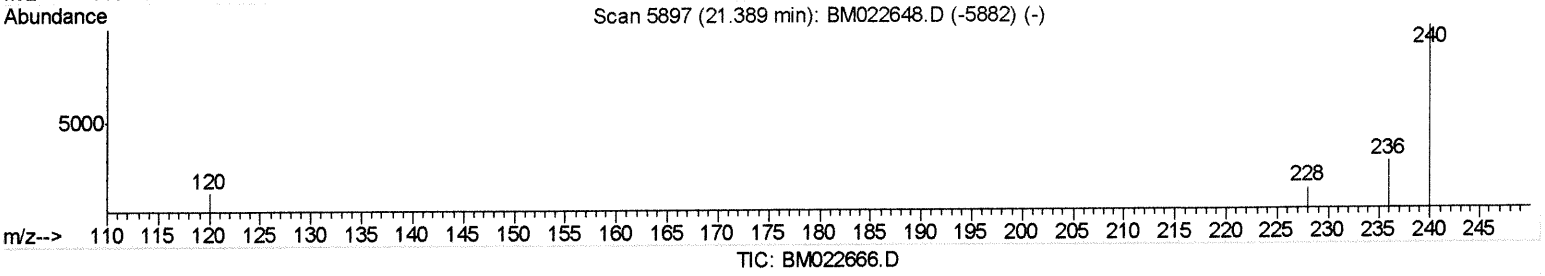
Quant Time: Sep 12 15:28:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
BF576

**Manual Integrations APPROVED**
mohammad
9/16/2019 8:58:55 AM




TIC: BM022666.D

(16) Chrysene-d12 (I)

21.391min (-21.391) 0.00ng/ul

response 0

| Ion | Exp% | Act% |
|---|---|---|
| 240.00 | 100 | 0.00 |
| 120.00 | 14.60 | 0.00# |
| 236.00 | 28.80 | 0.00# |
| 0.00 | 0.00 | 0.00 |

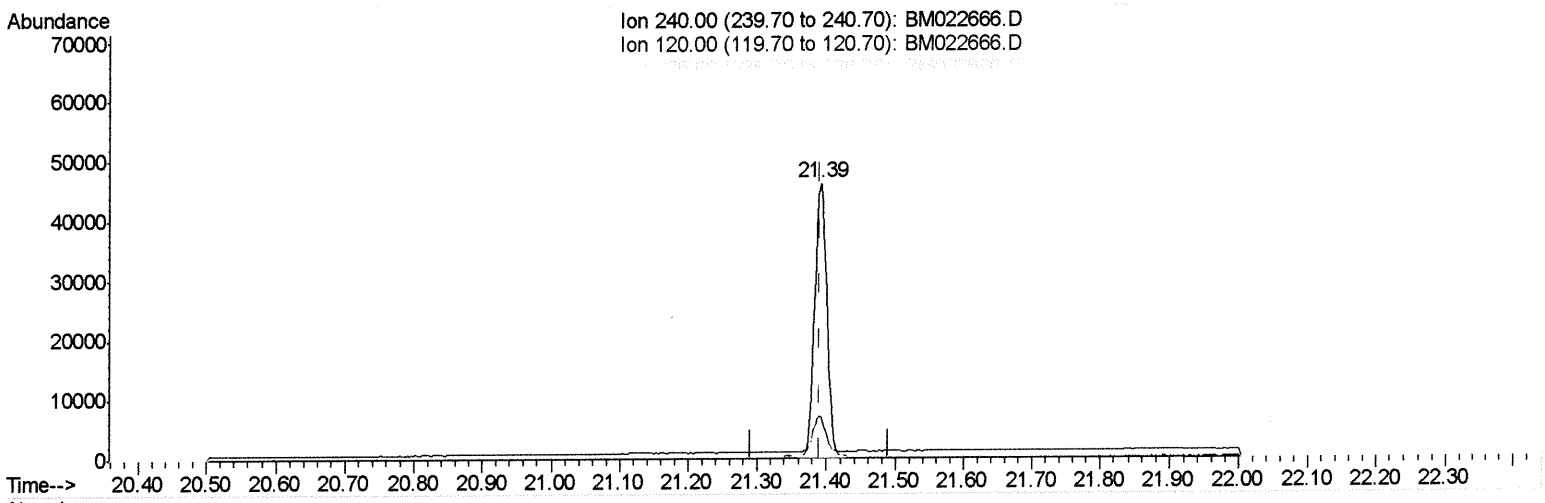
Quantitation Report (Qedit)

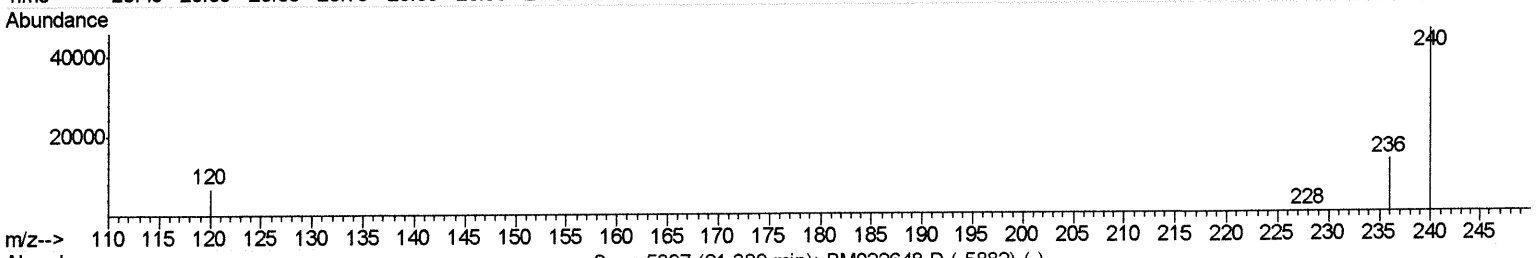
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091219\
Data File : BM022666.D
Acq On : 12 Sep 2019 14:20
Operator : HP/JU
Sample : K4706-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

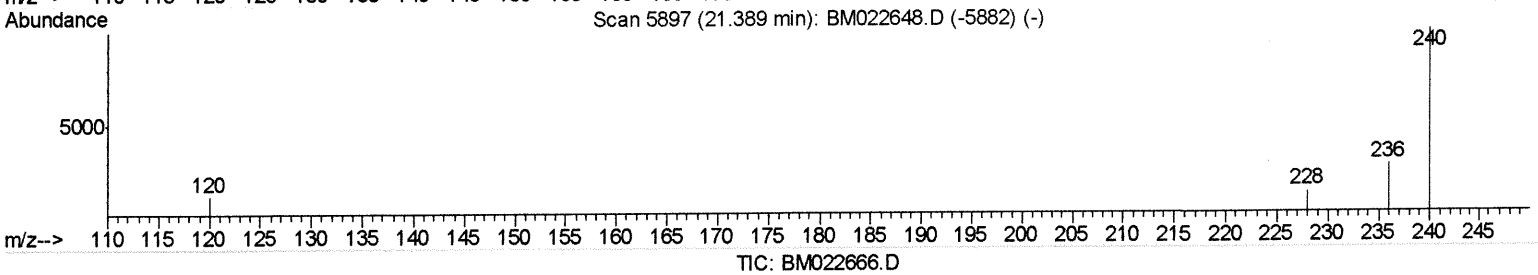
Quant Time: Sep 12 15:28:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
BF576

**Manual Integrations APPROVED**
mohammad
9/16/2019 8:58:55 AM




TIC: BM022666.D

(16) Chrysene-d12 (I)

21.391min (+0.000) 0.40ng/ul m JU 09/13/19

response 56267

| Ion | Exp% | Act% |
|---|---|---|
| 240.00 | 100 | 100 |
| 120.00 | 14.60 | 14.88 |
| 236.00 | 28.80 | 28.87 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091219\
Data File : BM022666.D
Acq On : 12 Sep 2019 14:20
Operator : HP/JU
Sample : K4706-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF576

Manual Integrations APPROVED
mohammad
9/16/2019 8:58:55 AM

Quant Time: Sep 14 05:02:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.84 | 152 | 11307 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.64 | 136 | 48848 | 0.40 | ng/ul | 0.00 |
| 6) Acenaphthene-d10 | 14.47 | 164 | 27953 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.21 | 188 | 64275m-> | 0.40 | ng/ul> | 0.00 |
| 16) Chrysene-d12 | 21.39 | 240 | 56267m-> | 0.40 | ng/ul> | 0.00 |
| 20) Perylene-d12 | 23.67 | 264 | 54787 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.23 | 152 | 19360 | 0.24 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.24 | 212 | 48646m-> | 0.28 | ng/ul> | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.68 | 128 | 11566 | 0.083 | ng/ul | 97 |

JU 09/13/19

JU 09/13/19

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