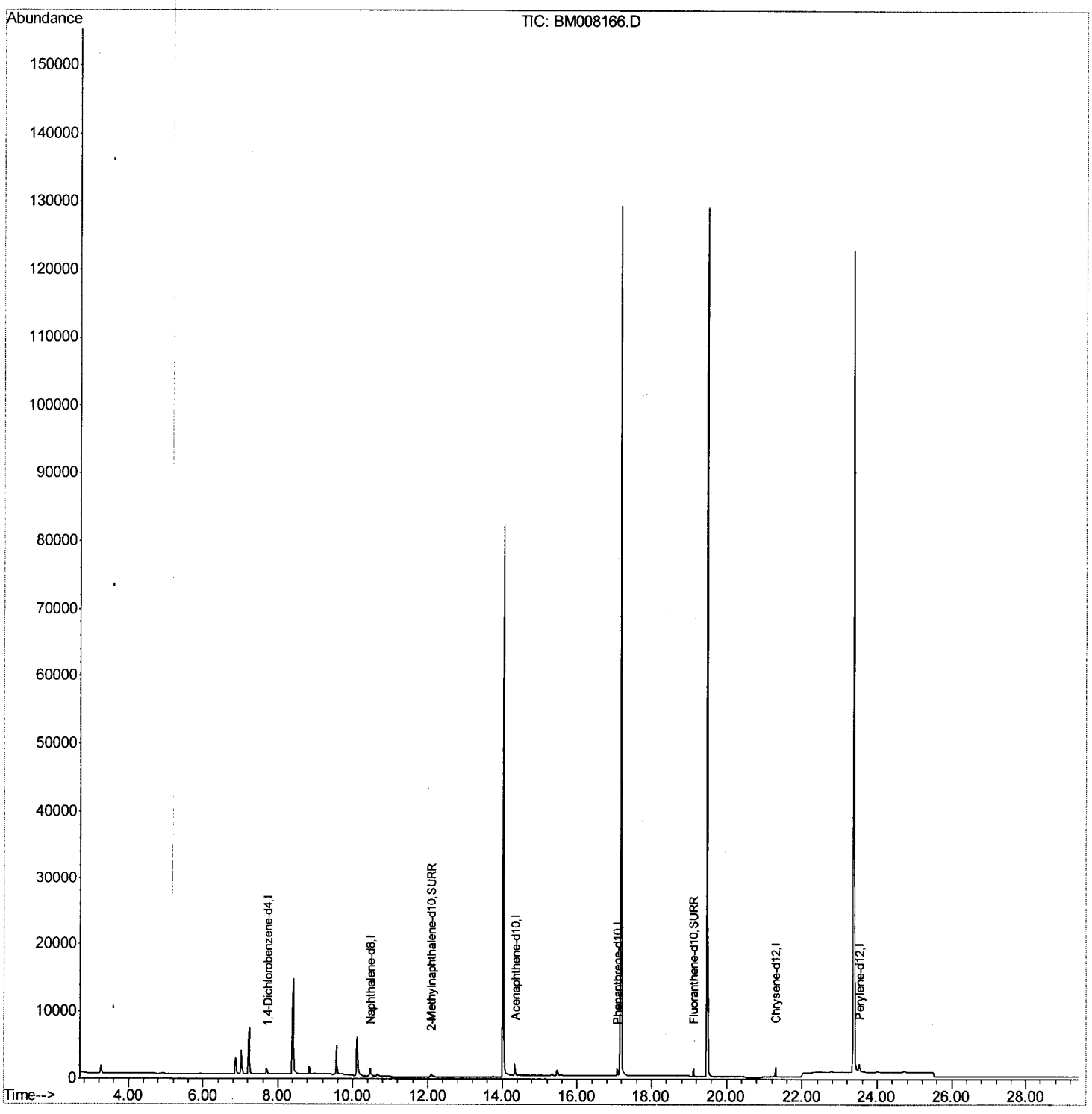
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
Data File : BM008166.D
Acq On : 02 Dec 2016 21:03
Operator : UM/SJ
Sample : H5733-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 03 02:21:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 03 00:55:35 2016
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
YA8Y2

**Manual Integrations APPROVED**
sohil
12/5/2016 11:17:54 AM



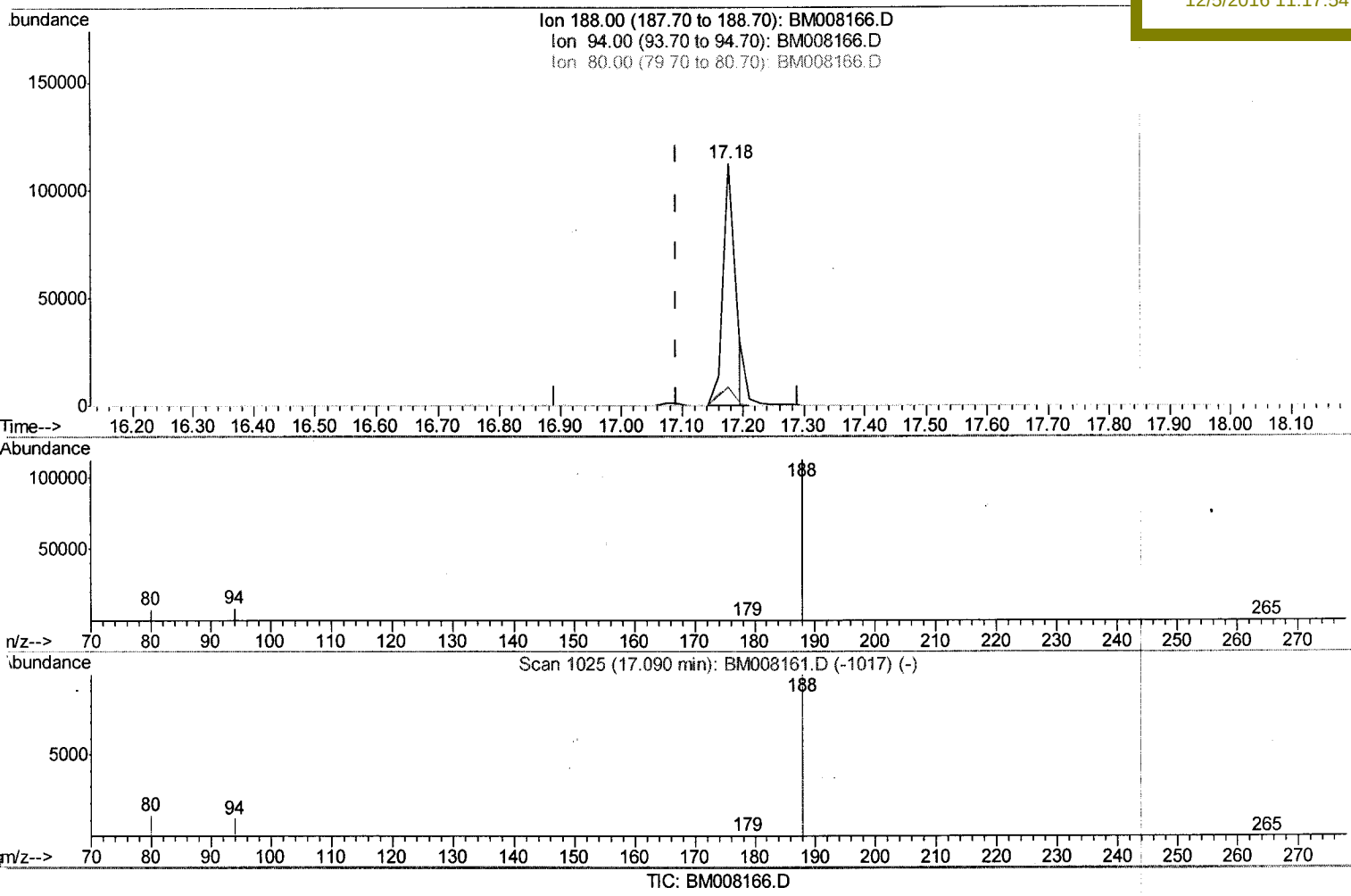
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
Data File : BM008166.D
Acq On : 02 Dec 2016 21:03
Operator : UM/SJ
Sample : H5733-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 03 00:58:20 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 03 00:55:35 2016
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
YA8Y2

**Manual Integrations APPROVED**
sohil
12/5/2016 11:17:54 AM




(10) Phenanthrene-d10 (I)

17.176min (+0.086) 0.40ng/ul

response 160073

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 100 |
| 94.00 | 11.00 | 7.81# |
| 80.00 | 11.80 | 7.22# |
| 0.00 | 0.00 | 0.00 |

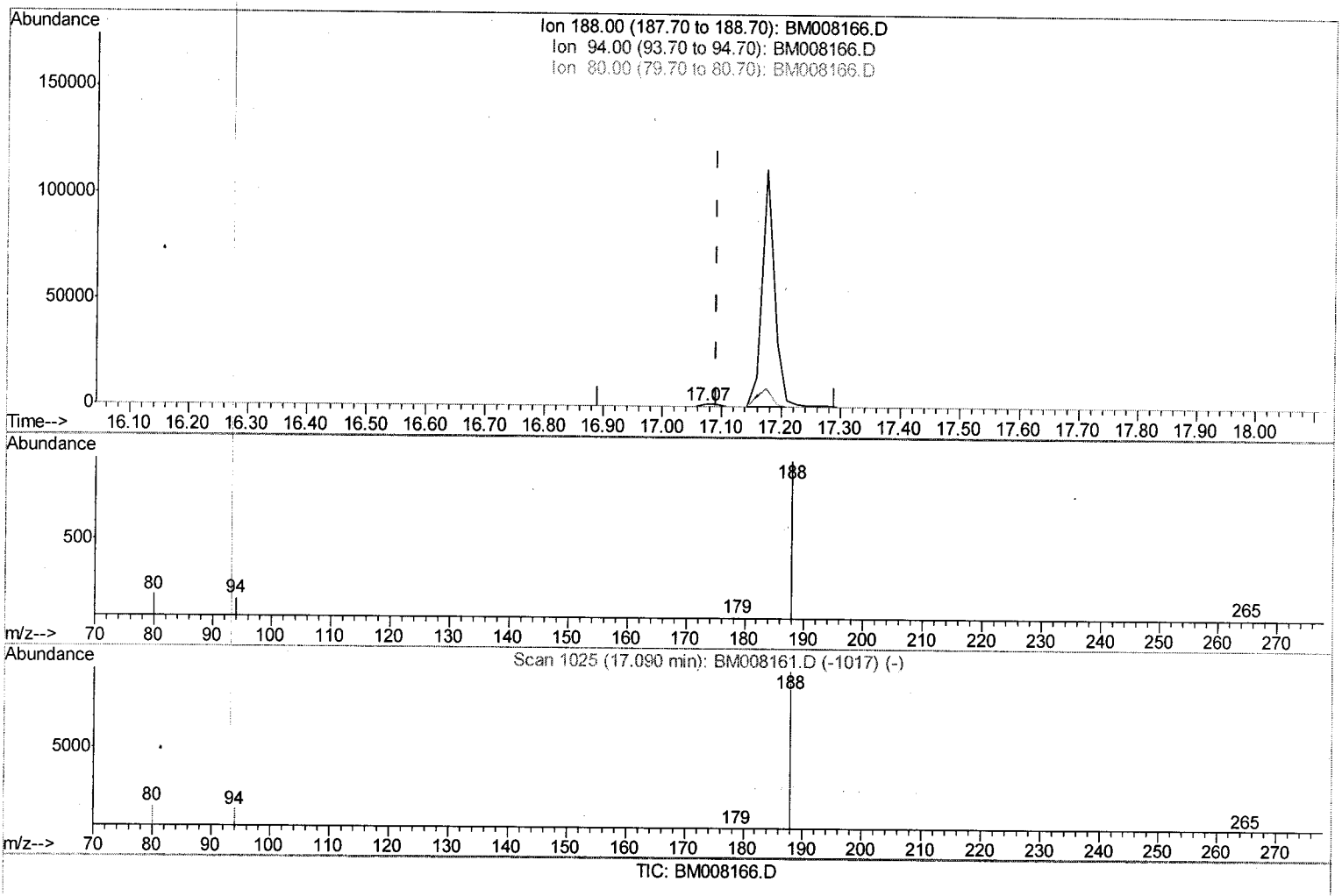
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
Data File : BM008166.D
Acq On : 02 Dec 2016 21:03
Operator : UM/SJ
Sample : H5733-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 03 00:58:20 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 03 00:55:35 2016
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
YA8Y2

**Manual Integrations APPROVED**
sohil
12/5/2016 11:17:54 AM




(10) Phenanthrene-d10 (I)

17.073min (-0.017) 0.40ng/ul m

response 2030

S.J 12/06/16

| Ion | Exp% | Act% |
|---|---|---|
| 188.00 | 100 | 100 |
| 94.00 | 11.00 | 15.58# |
| 80.00 | 11.80 | 17.86# |
| 0.00 | 0.00 | 0.00 |

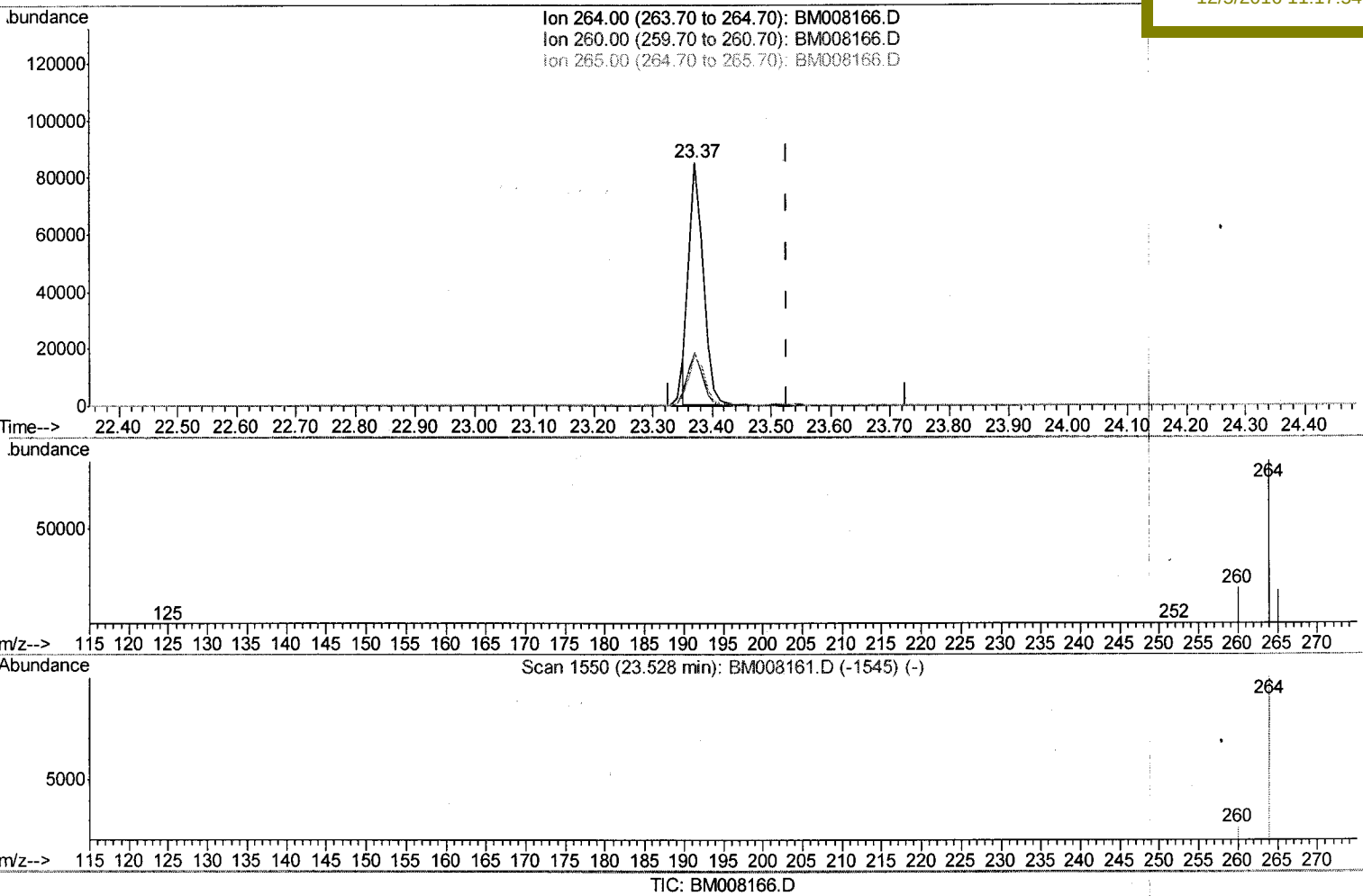
# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
Data File : BM008166.D
Acq On : 02 Dec 2016 21:03
Operator : UM/SJ
Sample : H5733-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 03 00:58:20 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 03 00:55:35 2016
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
YA8Y2

**Manual Integrations APPROVED**
sohil
12/5/2016 11:17:54 AM




TIC: BM008166.D

(20) Perylene-d12 (I)

23.371min (-0.156) 0.40ng/ul

response 142224

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100 | 100 |
| 260.00 | 30.10 | 21.85# |
| 265.00 | 103.50 | 21.13# |
| 0.00 | 0.00 | 0.00 |

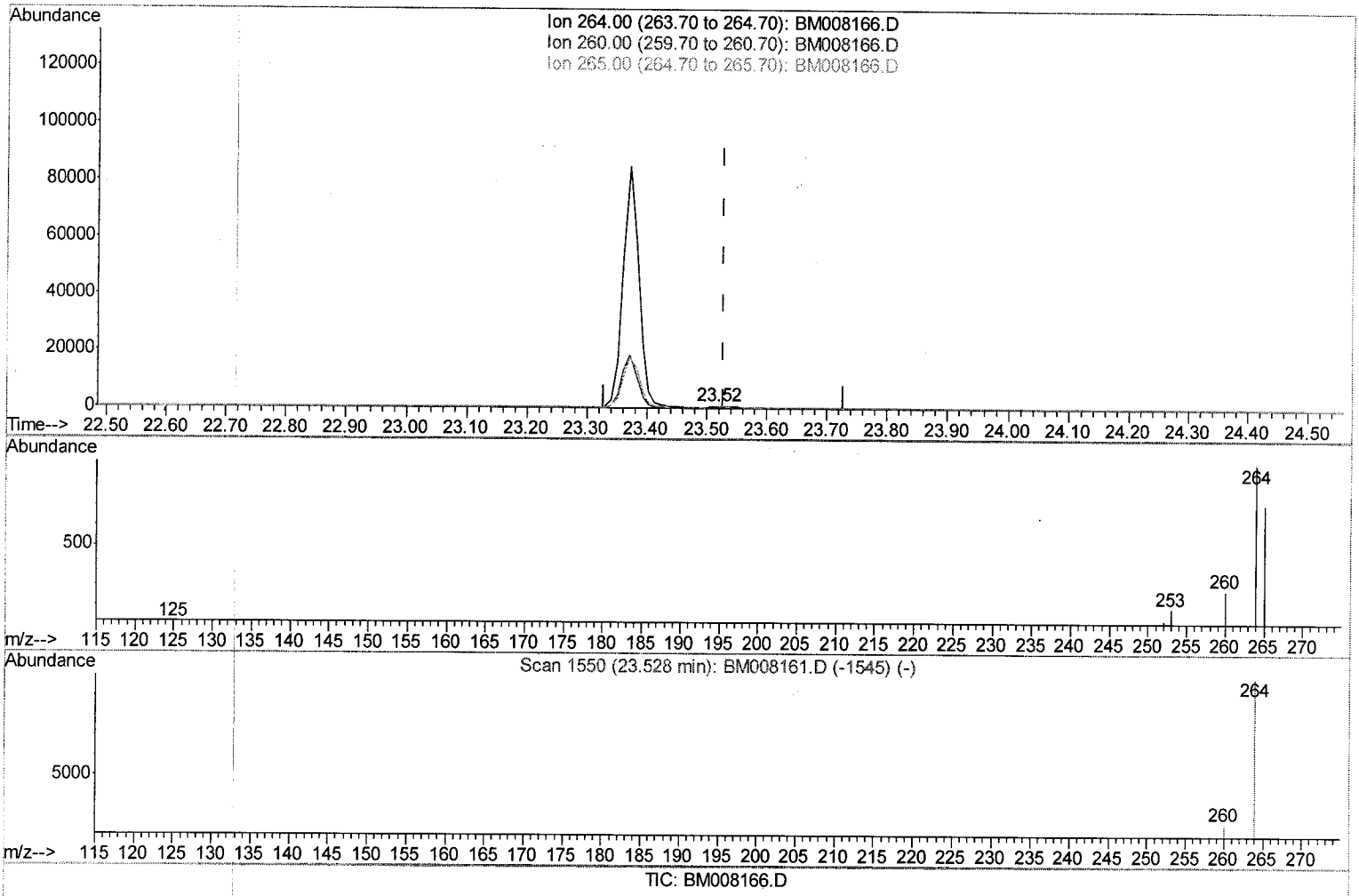
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
Data File : BM008166.D
Acq On : 02 Dec 2016 21:03
Operator : UM/SJ
Sample : H5733-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 03 00:58:20 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 03 00:55:35 2016
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
YA8Y2

**Manual Integrations APPROVED**
sohil
12/5/2016 11:17:54 AM




(20) Perylene-d12 (I)

23.517min (-0.010) 0.40ng/ul m

response 1670

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100 | 100 |
| 260.00 | 30.10 | 30.94 |
| 265.00 | 103.50 | 78.00# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120216\
Data File : BM008166.D
Acq On : 02 Dec 2016 21:03
Operator : UM/SJ
Sample : H5733-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 03 02:21:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 03 00:55:35 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.71 | 152 | 546 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.48 | 136 | 1765 | 0.40 | ng/ul | -0.01 |
| 6) Acenaphthene-d10 | 14.33 | 164 | 1026 | 0.40 | ng/ul | -0.02 |
| 10) Phenanthrene-d10 | 17.07 | 188 | 2030m | 0.40 | ng/ul | -0.02 |
| 16) Chrysene-d12 | 21.30 | 240 | 1889 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.52 | 264 | 1670m | 0.40 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.09 | 152 | 767 | 0.31 | ng/ul | 0.00 |
| 14) Fluoranthene-d10 | 19.13 | 212 | 1815 | 0.32 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |

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

**Instrument :**
BNA_M
**ClientSampleId :**
YA8Y2

**Manual Integrations APPROVED**
sohil
12/5/2016 11:17:54 AM

S.J
12/06/16