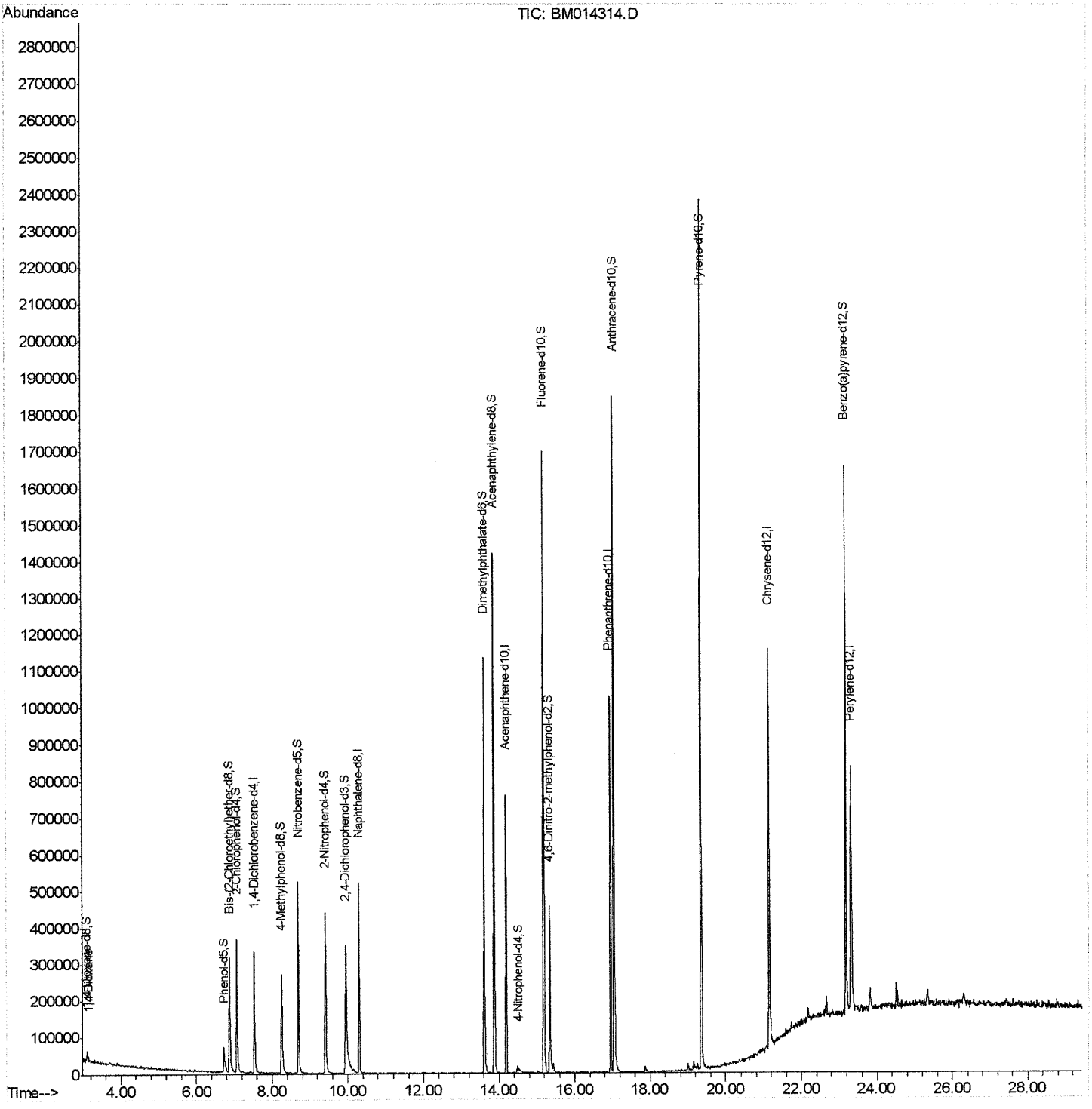
**Instrument :**
BNA_M
**ClientSampleId :**
C02W3

**Manual Integrations APPROVED**
Sohil
2/20/2018 3:14:14 PM

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021918\
Data File : BM014314.D
Acq On : 20 Feb 2018 03:43
Operator : SJ/JU
Sample : J1570-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 20 04:22:10 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 20 03:49:19 2018
Response via : Initial Calibration



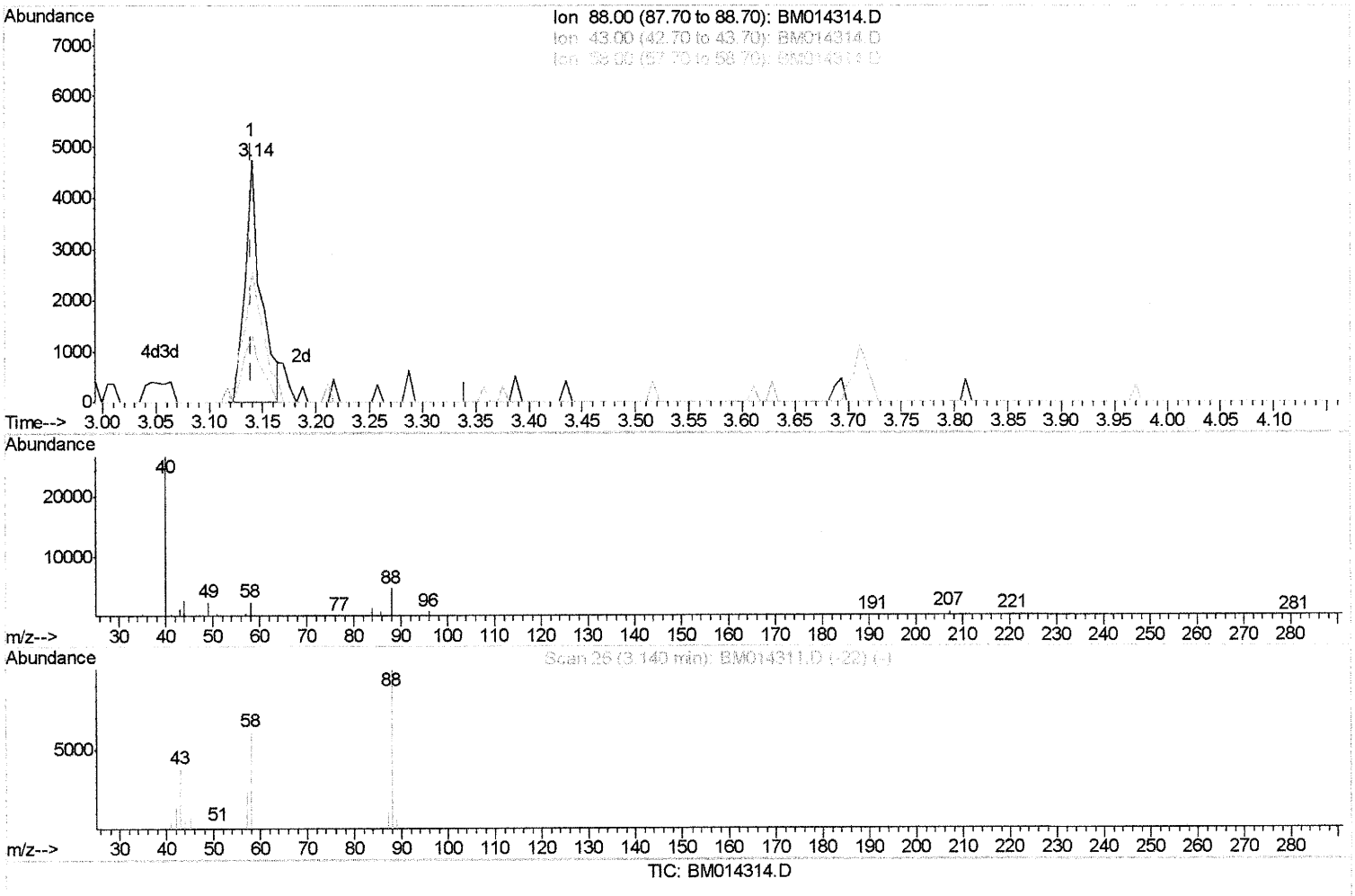
**Instrument :**
BNA_M
**ClientSampleId :**
C02W3

**Manual Integrations APPROVED**
Sohil
2/20/2018 3:14:14 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021918\
Data File : BM014314.D
Acq On : 20 Feb 2018 03:43
Operator : SJ/JU
Sample : J1570-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 20 04:18:12 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 20 03:49:19 2018
Response via : Initial Calibration




TIC: BM014314.D

(2) 1,4-Dioxane

3.140min (+0.000) 2.59ng/uL

response 4971

| Ion | Exp% | Act% |
|---|---|---|
| 88.00 | 100 | 100 |
| 43.00 | 60.00 | 31.48# |
| 58.00 | 100.00 | 68.46# |
| 0.00 | 0.00 | 0.00 |

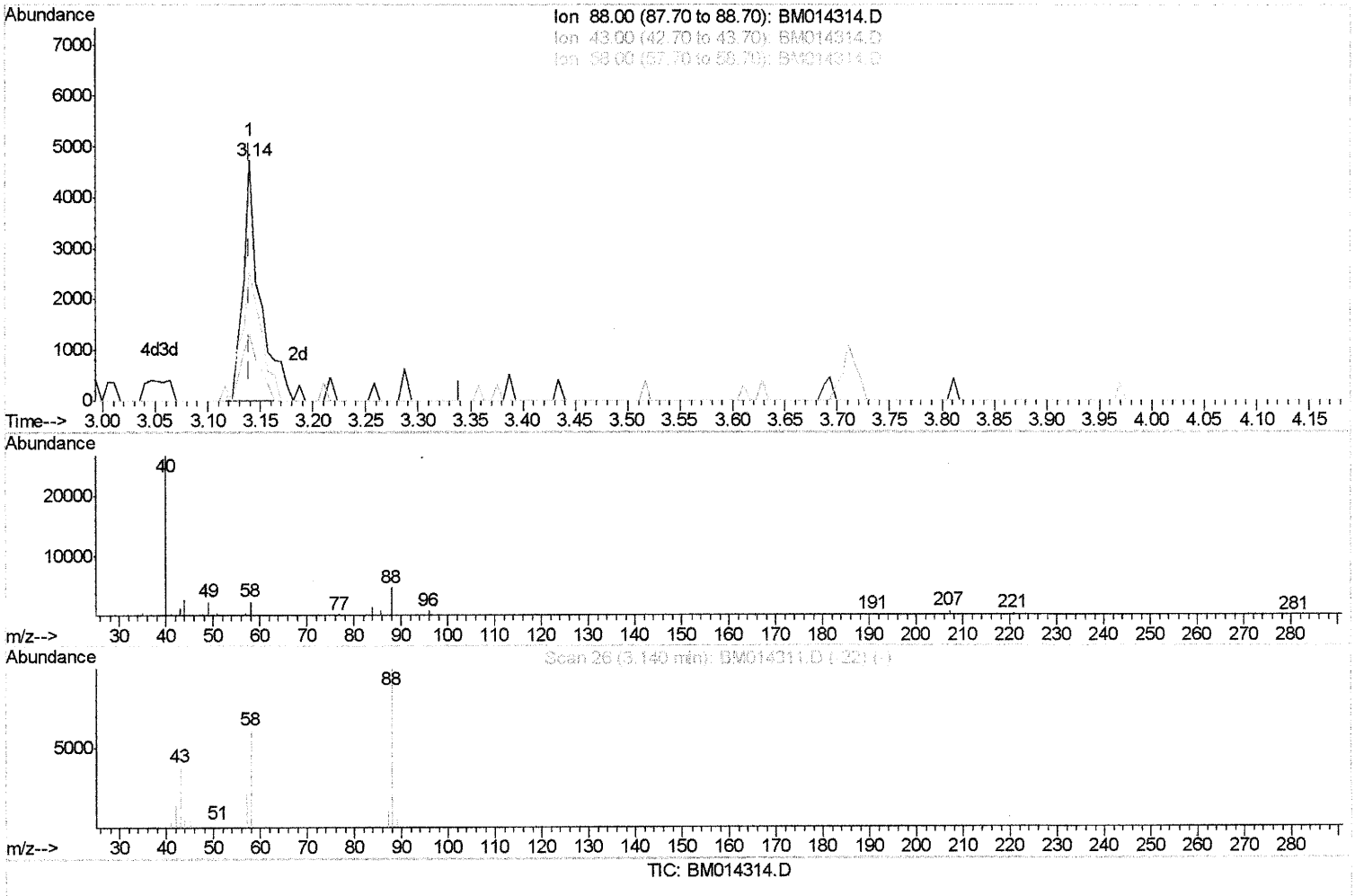
**Instrument :**
BNA_M
**ClientSampleId :**
C02W3

**Manual Integrations APPROVED**
Sohil
2/20/2018 3:14:14 PM

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021918\
Data File : BM014314.D
Acq On : 20 Feb 2018 03:43
Operator : SJ/JU
Sample : J1570-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 20 04:18:12 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 20 03:49:19 2018
Response via : Initial Calibration




TIC: BM014314.D

(2) 1,4-Dioxane

3.140min (+0.000) 2.79ng/uL m SJ 2/21/18

response 5356

| Ion | Exp% | Act% |
|---|---|---|
| 88.00 | 100 | 100 |
| 43.00 | 60.00 | 29.22# |
| 58.00 | 100.00 | 63.54# |
| 0.00 | 0.00 | 0.00 |

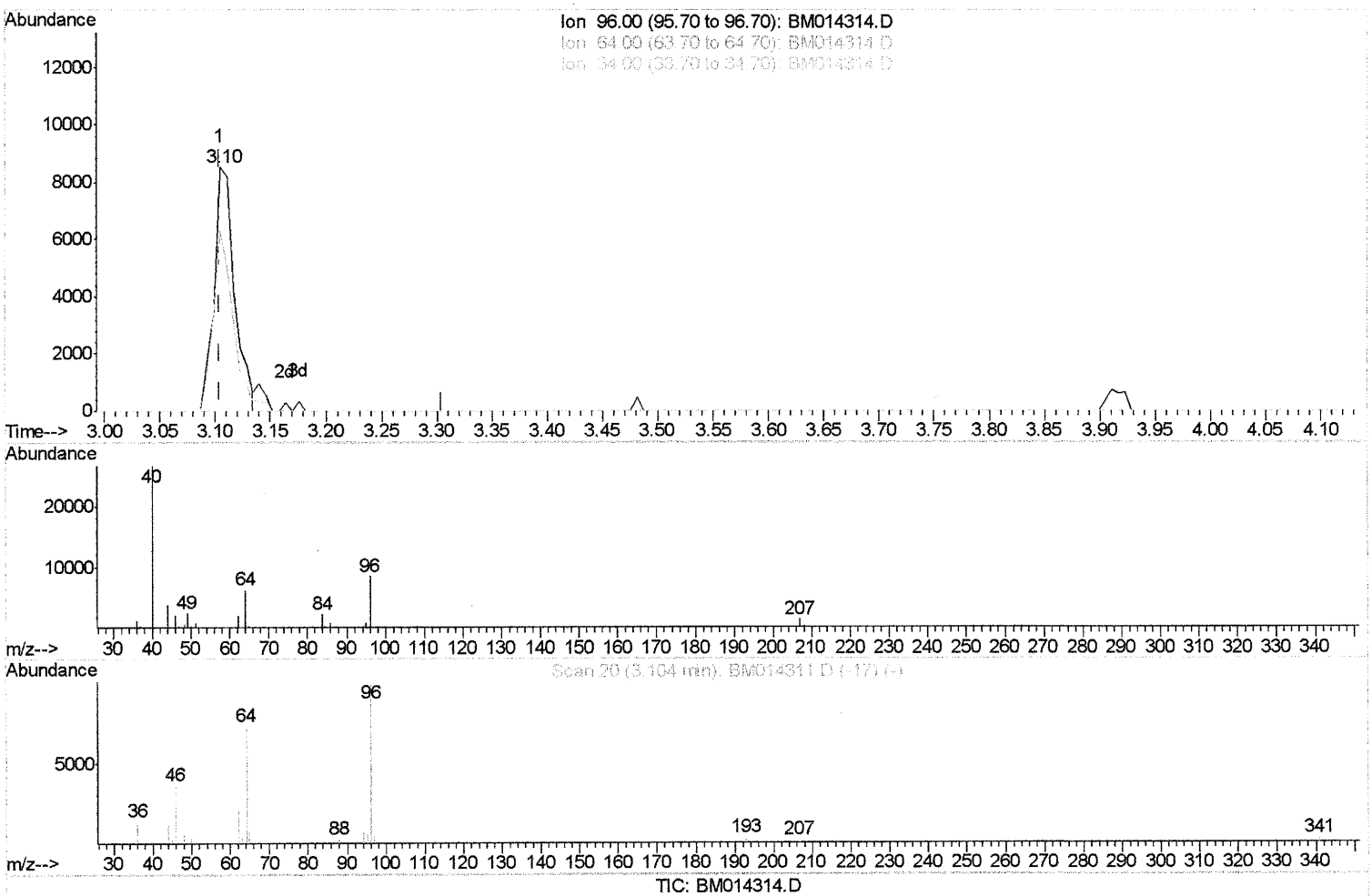
**Instrument :**
BNA_M
**ClientSampleId :**
C02W3

**Manual Integrations APPROVED**
Sohil
2/20/2018 3:14:14 PM

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021918\
Data File : BM014314.D
Acq On : 20 Feb 2018 03:43
Operator : SJ/JU
Sample : J1570-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 20 04:18:12 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 20 03:49:19 2018
Response via : Initial Calibration




TIC: BM014314.D

(3) 1,4-Dioxane-d8 (S)

3.105min (+0.000) 6.23ng/uL

response 10765

| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100 | 100 |
| 64.00 | 74.90 | 72.35 |
| 34.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

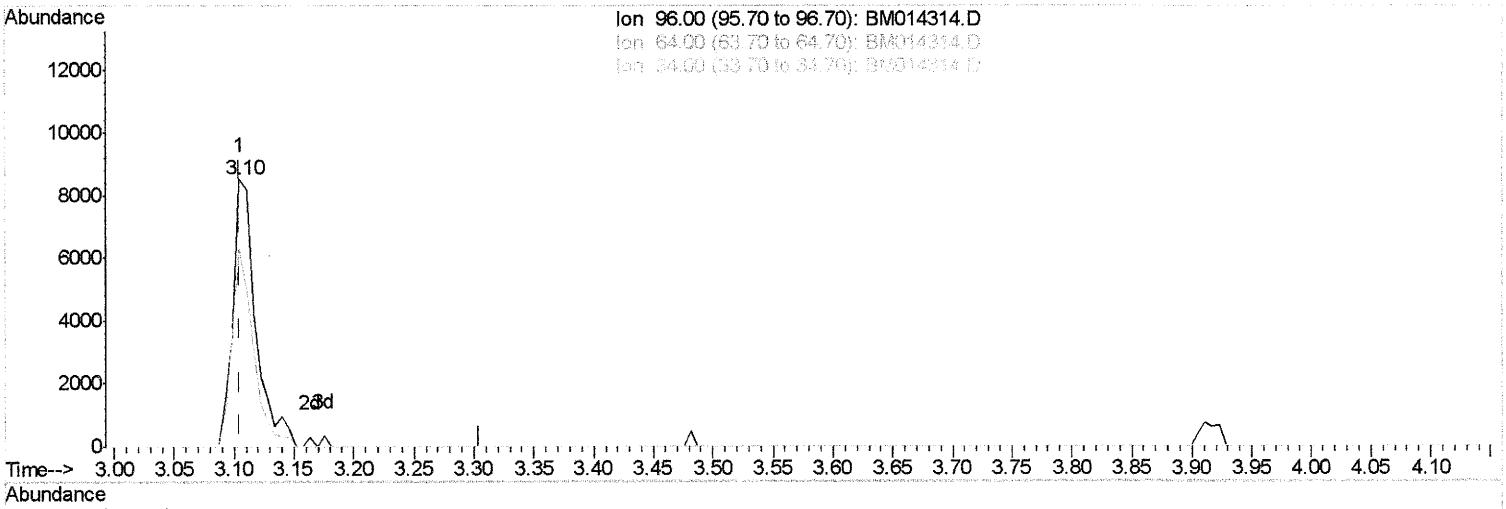
**Instrument :**
BNA_M
**ClientSampleId :**
C02W3

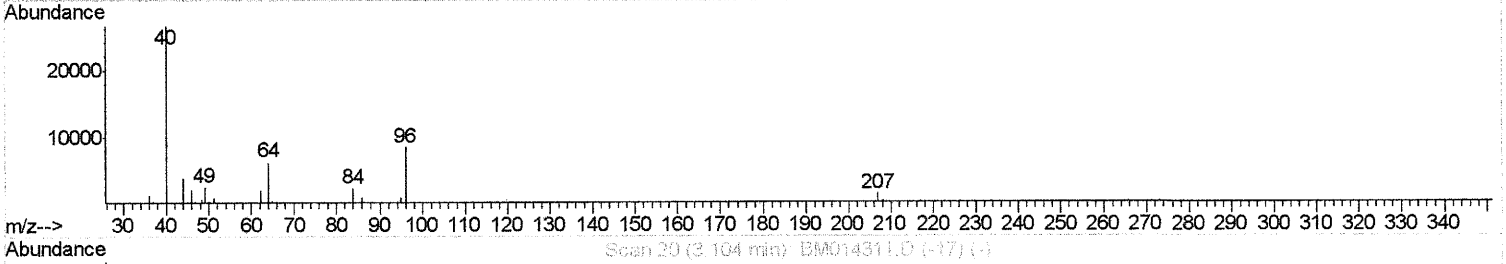
**Manual Integrations APPROVED**
Sohil
2/20/2018 3:14:14 PM

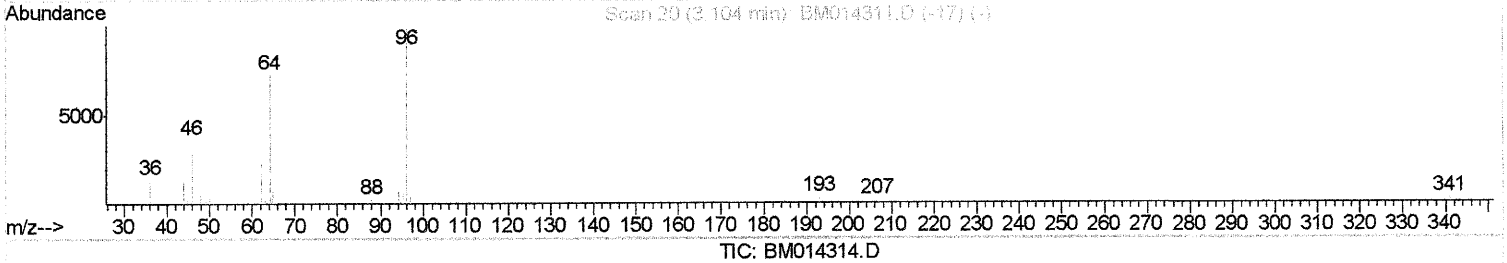
# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021918\
Data File : BM014314.D
Acq On : 20 Feb 2018 03:43
Operator : SJ/JU
Sample : J1570-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 20 04:18:12 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 20 03:49:19 2018
Response via : Initial Calibration




TIC: BM014314.D

(3) 1,4-Dioxane-d8 (S)

3.105min (+0.000) 6.54ng/uL m SJ 2/21/18

response 11294

| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100 | 100 |
| 64.00 | 74.90 | 68.96 |
| 34.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

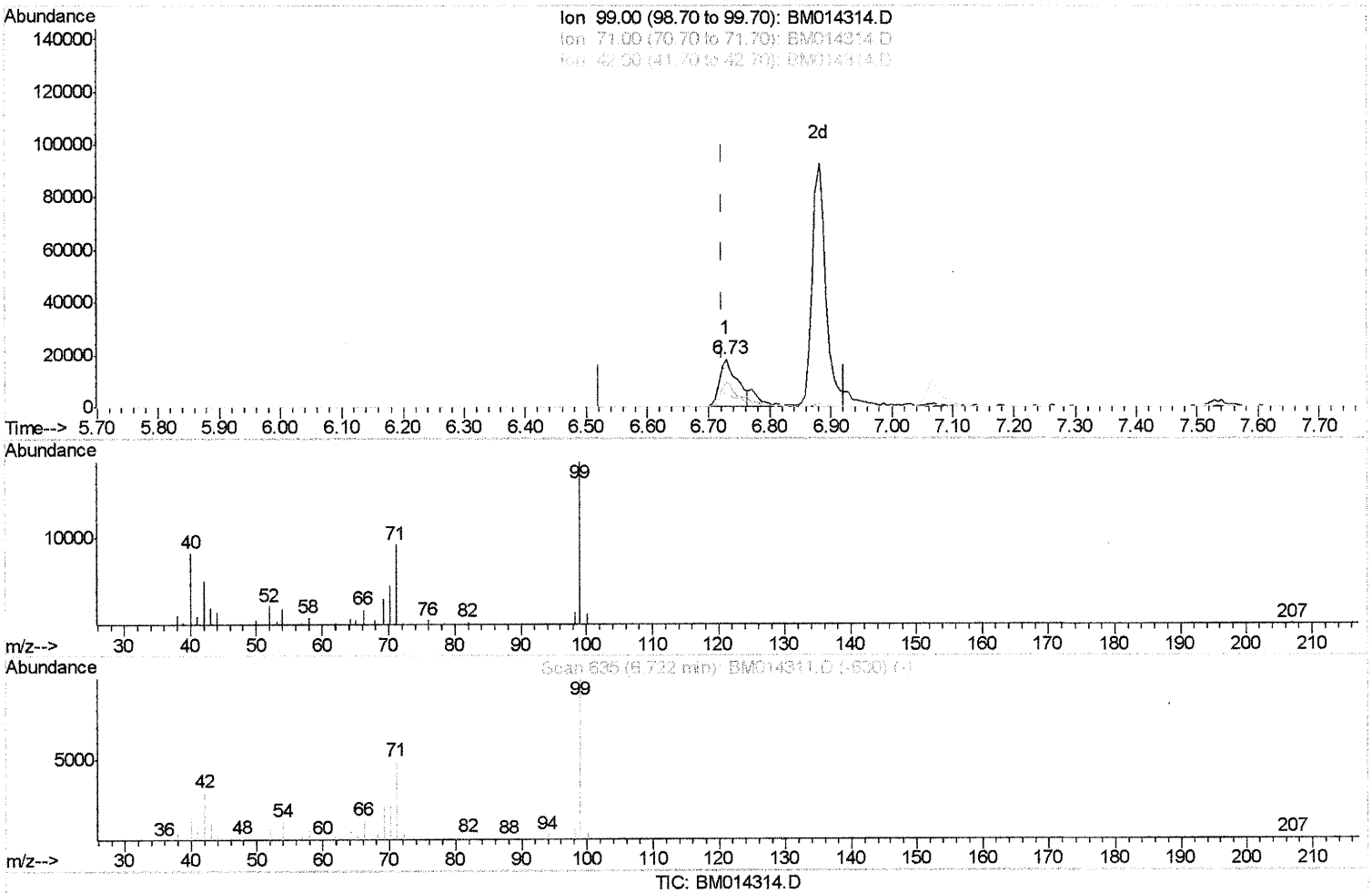
**Instrument :**
BNA_M
**ClientSampleId :**
C02W3

**Manual Integrations APPROVED**
Sohil
2/20/2018 3:14:14 PM

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021918\
Data File : BM014314.D
Acq On : 20 Feb 2018 03:43
Operator : SJ/JU
Sample : J1570-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 20 04:19:43 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 20 03:49:19 2018
Response via : Initial Calibration




(5) Phenol-d5 (S)

6.728min (+0.006) 5.92ng/ul

response 36992

| Ion | Exp% | Act% |
|---|---|---|
| 99.00 | 100 | 100 |
| 71.00 | 55.00 | 50.09 |
| 42.00 | 24.20 | 27.82 |
| 0.00 | 0.00 | 0.00 |

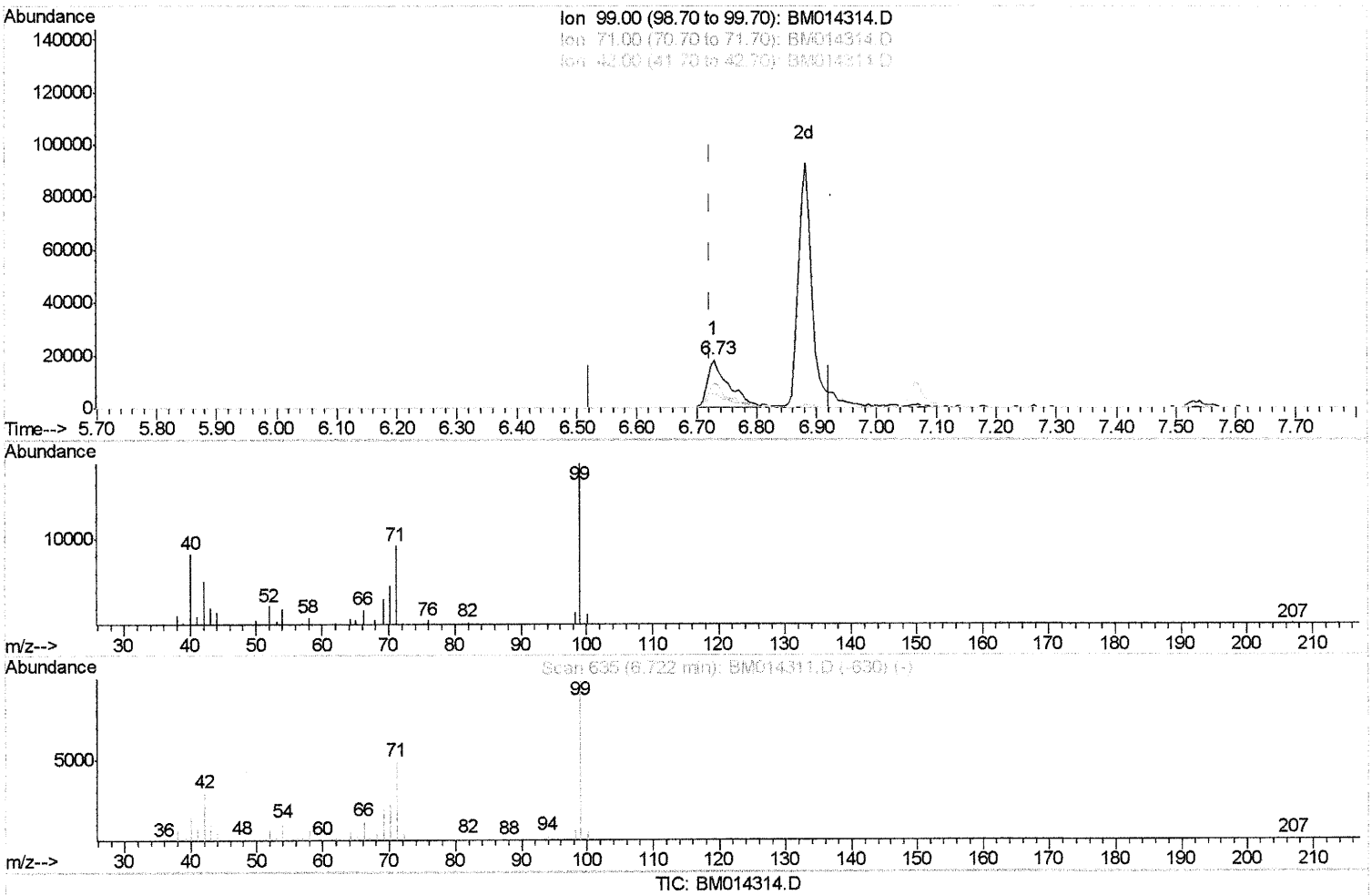
**Instrument :**
BNA_M
**ClientSampleId :**
C02W3

**Manual Integrations APPROVED**
Sohil
2/20/2018 3:14:14 PM

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021918\
Data File : BM014314.D
Acq On : 20 Feb 2018 03:43
Operator : SJ/JU
Sample : J1570-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 20 04:19:43 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 20 03:49:19 2018
Response via : Initial Calibration




(5) Phenol-d5 (S)

6.728min (+0.006) 7.09ng/ul m SJ 2/21/18

response 44333

| Ion | Exp% | Act% |
|---|---|---|
| 99.00 | 100 | 100 |
| 71.00 | 55.00 | 50.09 |
| 42.00 | 24.20 | 27.82 |
| 0.00 | 0.00 | 0.00 |

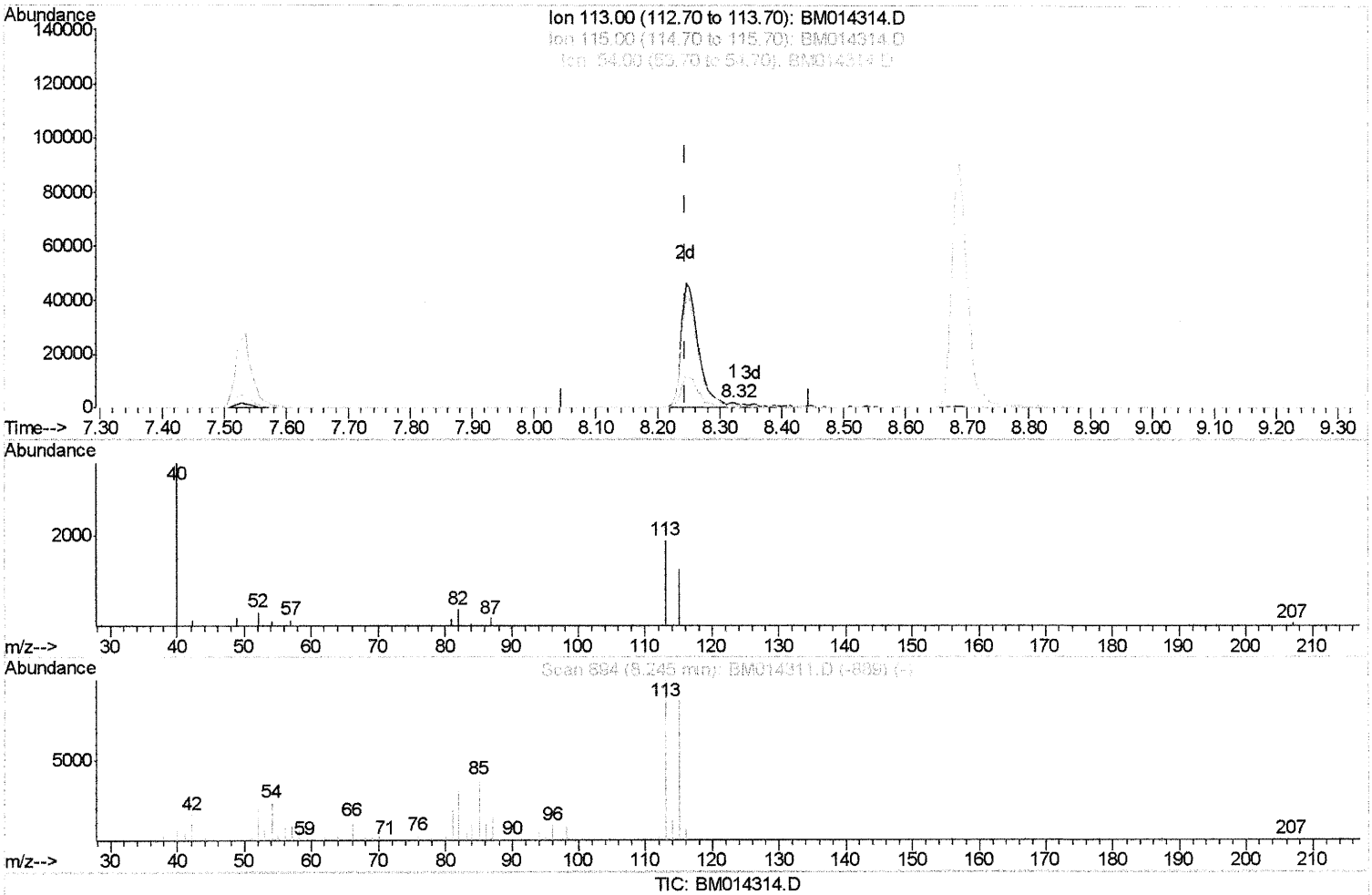
**Instrument :**
BNA_M
**ClientSampleId :**
C02W3

**Manual Integrations APPROVED**
Sohil
2/20/2018 3:14:14 PM

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021918\
Data File : BM014314.D
Acq On : 20 Feb 2018 03:43
Operator : SJ/JU
Sample : J1570-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 20 04:20:08 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 20 03:49:19 2018
Response via : Initial Calibration




TIC: BM014314.D

(13) 4-Methylphenol-d8 (S)

8.322min (+0.077) 0.29ng/ul

response 1589

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100 | 100 |
| 115.00 | 88.30 | 71.96 |
| 54.00 | 18.90 | 20.19 |
| 0.00 | 0.00 | 0.00 |

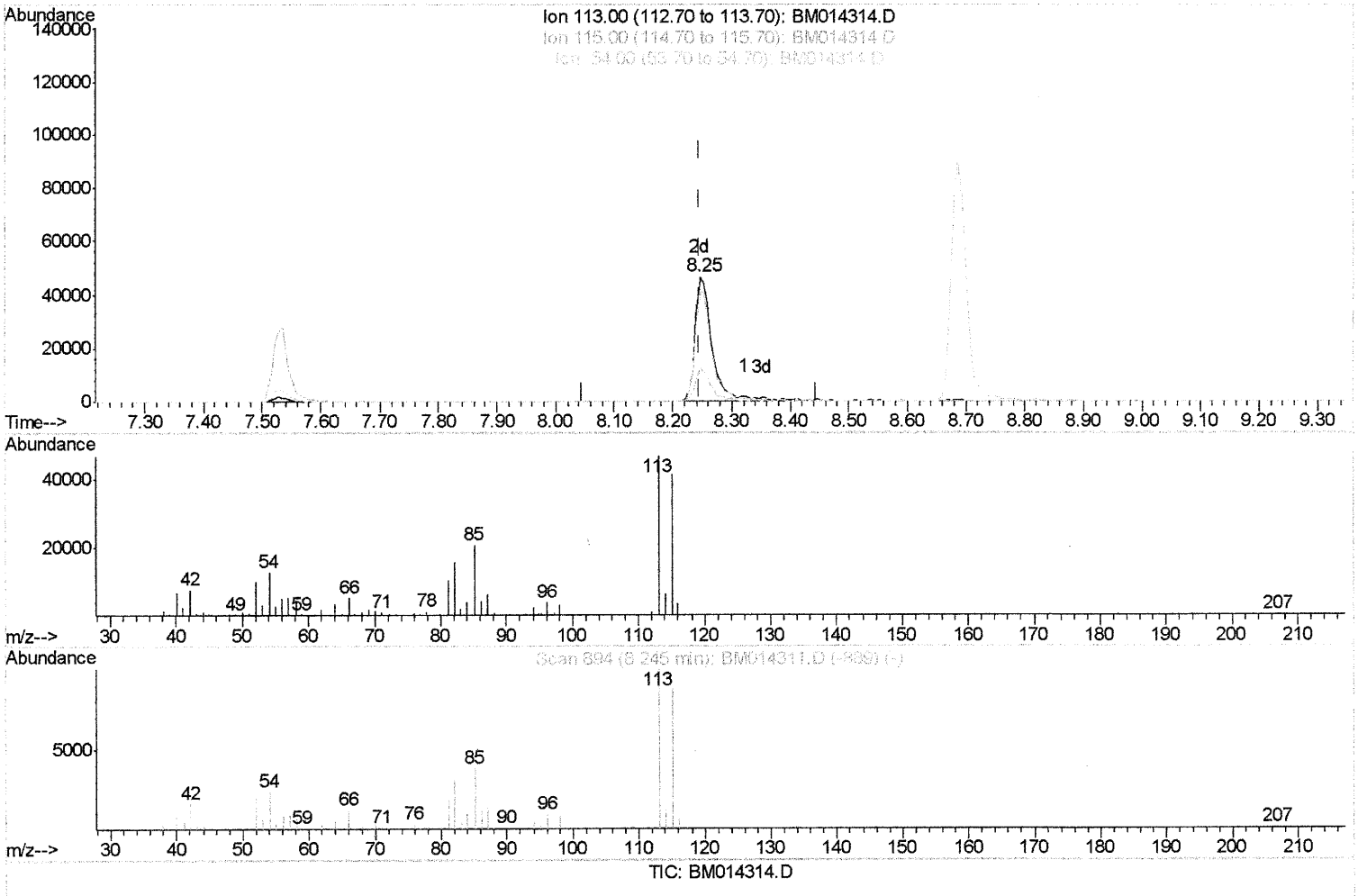
**Instrument :**
BNA_M
**ClientSampleId :**
C02W3

**Manual Integrations APPROVED**
Sohil
2/20/2018 3:14:14 PM

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021918\
Data File : BM014314.D
Acq On : 20 Feb 2018 03:43
Operator : SJ/JU
Sample : J1570-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 20 04:20:08 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 20 03:49:19 2018
Response via : Initial Calibration




TIC: BM014314.D

(13) 4-Methylphenol-d8 (S)

8.245min (+0.000) 16.77ng/ul m SJ 2/21/18

response 91715

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100 | 100 |
| 115.00 | 88.30 | 88.69 |
| 54.00 | 18.90 | 27.35# |
| 0.00 | 0.00 | 0.00 |

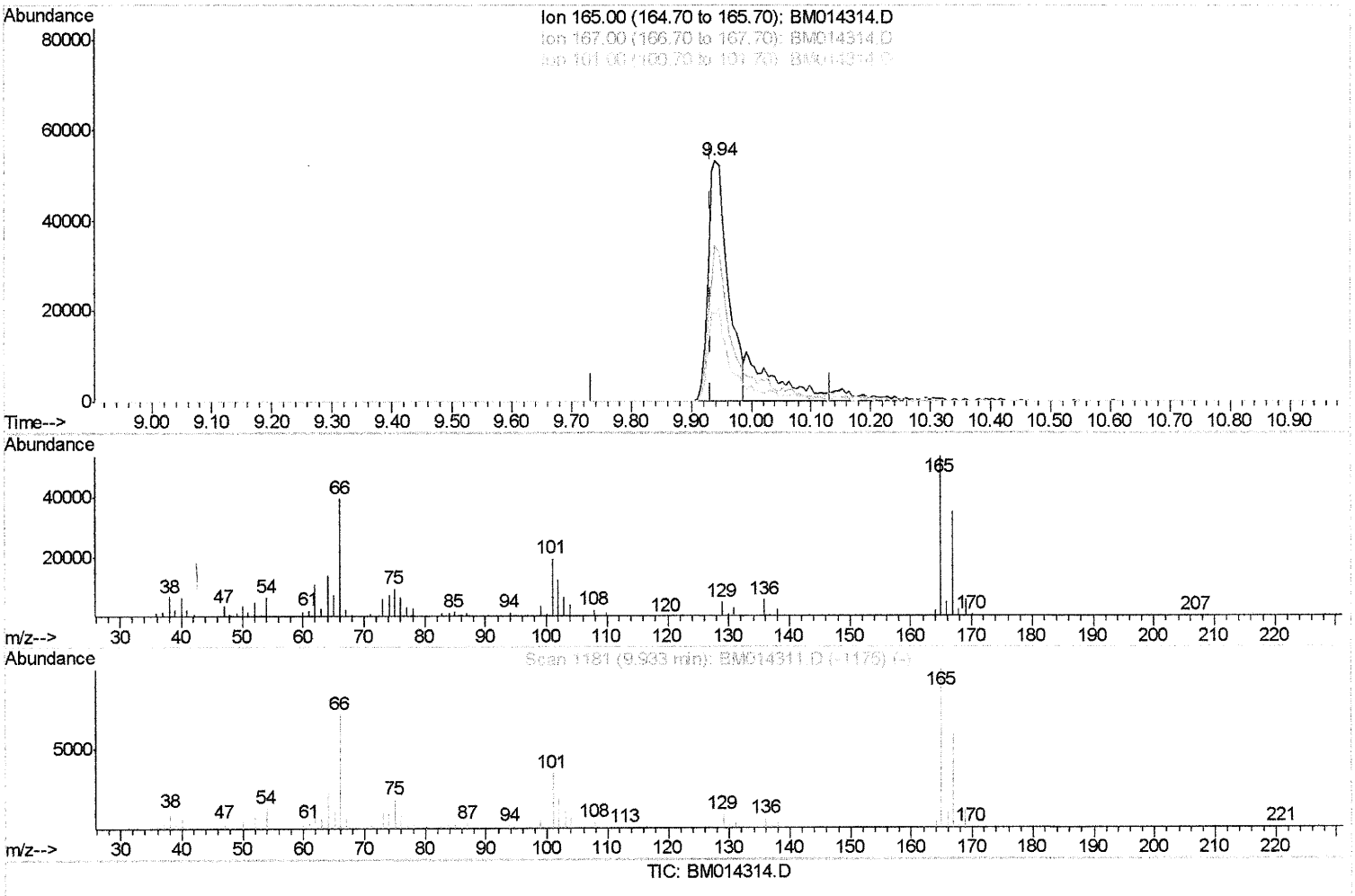
**Instrument :**
BNA_M
**ClientSampleId :**
C02W3

**Manual Integrations APPROVED**
Sohil
2/20/2018 3:14:14 PM

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021918\
Data File : BM014314.D
Acq On : 20 Feb 2018 03:43
Operator : SJ/JU
Sample : J1570-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 20 04:20:54 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 20 03:49:19 2018
Response via : Initial Calibration




(26) 2,4-Dichlorophenol-d3 (S)

9.939min (+0.006) 22.77ng/ul

response 123267

| Ion | Exp% | Act% |
|---|---|---|
| 165.00 | 100 | 100 |
| 167.00 | 63.60 | 65.02 |
| 101.00 | 29.30 | 36.16# |
| 0.00 | 0.00 | 0.00 |

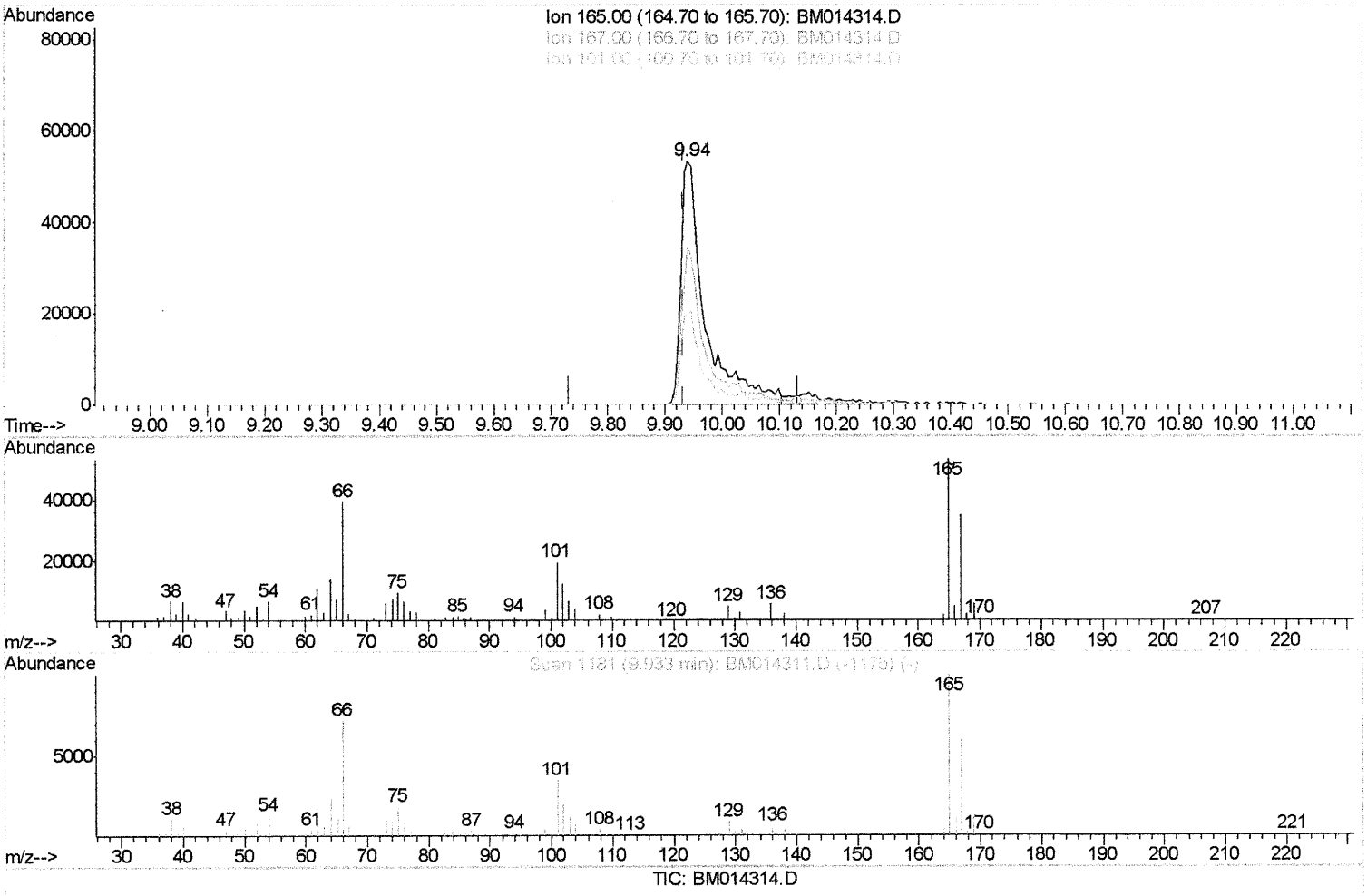
**Instrument :**
BNA_M
**ClientSampleId :**
C02W3

**Manual Integrations APPROVED**
Sohil
2/20/2018 3:14:14 PM

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021918\
Data File : BM014314.D
Acq On : 20 Feb 2018 03:43
Operator : SJ/JU
Sample : J1570-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 20 04:20:54 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 20 03:49:19 2018
Response via : Initial Calibration




(26) 2,4-Dichlorophenol-d3 (S)

9.939min (+0.006) 29.11ng/ul m SJ 2/21/18

response 157597

| Ion | Exp% | Act% |
|---|---|---|
| 165.00 | 100 | 100 |
| 167.00 | 63.60 | 65.02 |
| 101.00 | 29.30 | 36.16# |
| 0.00 | 0.00 | 0.00 |

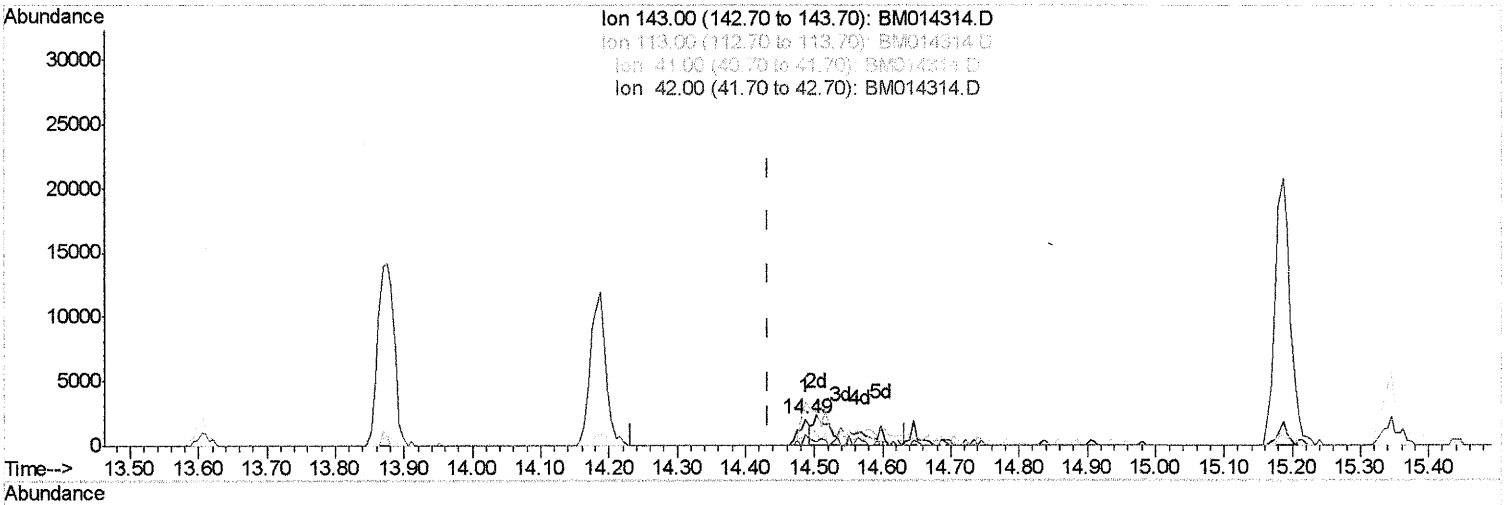
**Instrument :**
BNA_M
**ClientSampleId :**
C02W3

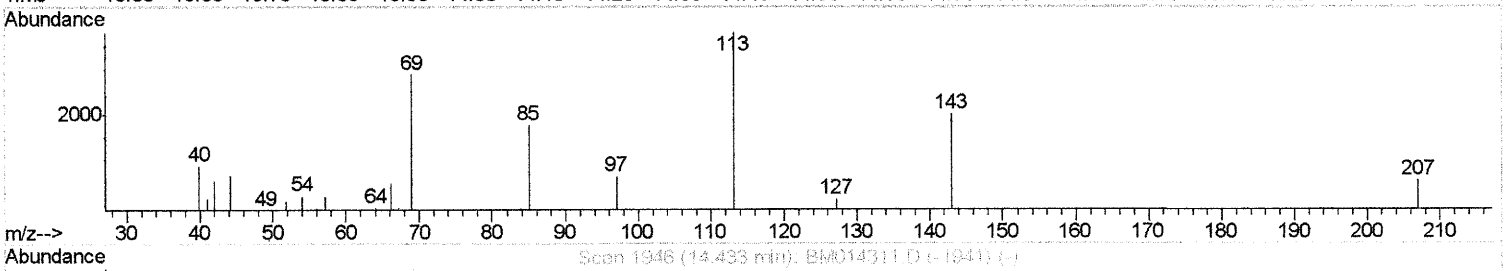
**Manual Integrations APPROVED**
Sohil
2/20/2018 3:14:14 PM

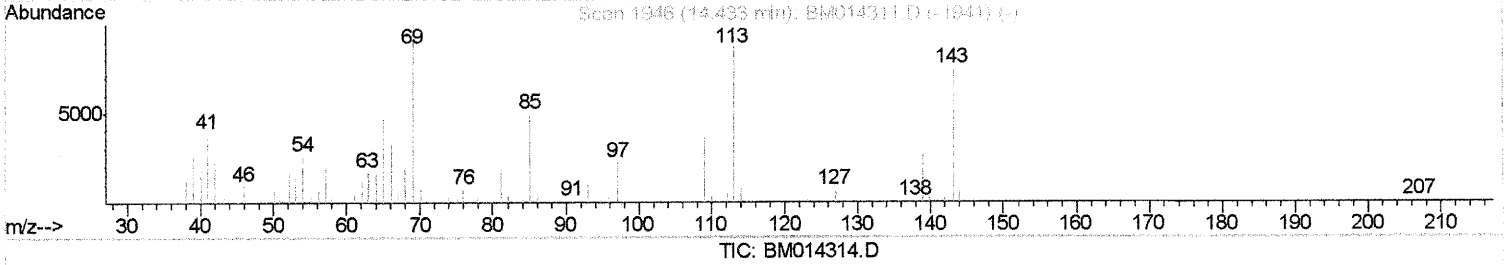
# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021918\
Data File : BM014314.D
Acq On : 20 Feb 2018 03:43
Operator : SJ/JU
Sample : J1570-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 20 04:21:29 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 20 03:49:19 2018
Response via : Initial Calibration




TIC: BM014314.D

(51) 4-Nitrophenol-d4 (S)

14.486min (+0.053) 0.87ng/ul

response 2167

| Ion | Exp% | Act% |
|---|---|---|
| 143.00 | 100 | 100 |
| 113.00 | 114.60 | 172.75# |
| 41.00 | 34.80 | 25.49# |
| 42.00 | 20.50 | 41.08# |

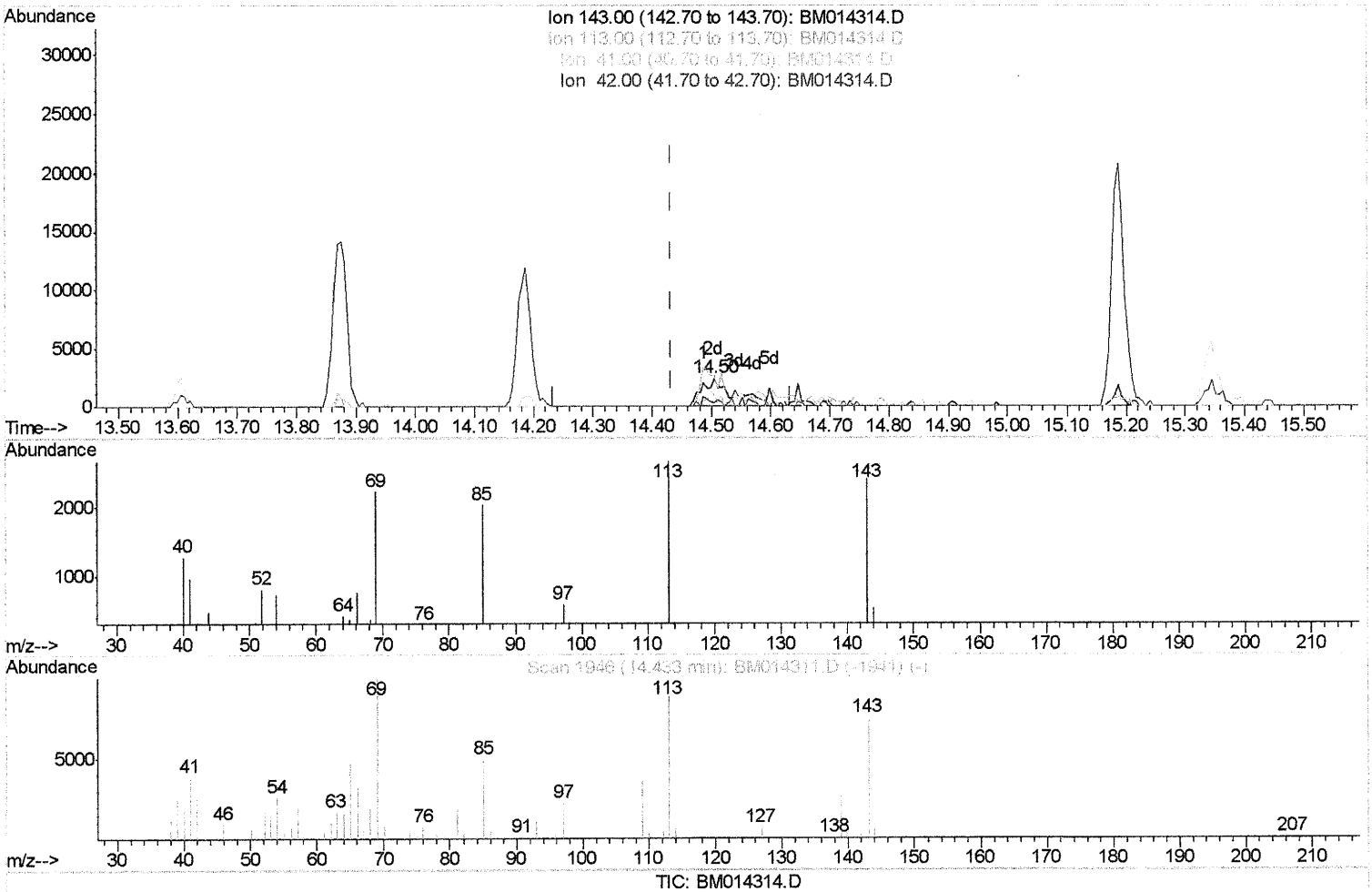
**Instrument :**
BNA_M
**ClientSampleId :**
C02W3

**Manual Integrations APPROVED**
Sohil
2/20/2018 3:14:14 PM

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021918\
Data File : BM014314.D
Acq On : 20 Feb 2018 03:43
Operator : SJ/JU
Sample : J1570-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 20 04:21:29 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 20 03:49:19 2018
Response via : Initial Calibration




TIC: BM014314.D

(51) 4-Nitrophenol-d4 (S)

14.504min (+0.071) 3.55ng/ul m SJ 2/21/18

response 8828

| Ion | Exp% | Act% |
|---|---|---|
| 143.00 | 100 | 100 |
| 113.00 | 114.60 | 111.01 |
| 41.00 | 34.80 | 40.27 |
| 42.00 | 20.50 | 13.65# |

Instrument :
BNA_M
ClientSampleId :
C02W3

Manual Integrations APPROVED
Sohil
2/20/2018 3:14:14 PM

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021918\
Data File : BM014314.D
Acq On : 20 Feb 2018 03:43
Operator : SJ/JU
Sample : J1570-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Feb 20 04:22:10 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 20 03:49:19 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.53 | 152 | 73972 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.30 | 136 | 341738 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.18 | 164 | 217910 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 16.94 | 188 | 532741 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.15 | 240 | 545135 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.32 | 264 | 487903 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.10 | 96 | 11294m | 6.54 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.73 | 99 | 44333m | 7.09 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.88 | 67 | 127924 | 33.80 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.07 | 132 | 134638 | 28.08 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.25 | 113 | 91715m | 16.77 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.69 | 128 | 91919 | 36.40 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.40 | 143 | 95199 | 36.42 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.94 | 165 | 157597m | 29.11 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.31 | 131 | 743 | 0.14 | ng/ul | -0.15 |
| 43) Dimethylphthalate-d6 | 13.61 | 166 | 663198 | 36.85 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.87 | 160 | 817280 | 36.83 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.50 | 143 | 8828m | 3.55 | ng/ul | 0.07 |
| 57) Fluorene-d10 | 15.19 | 176 | 589616 | 36.57 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.34 | 200 | 88738 | 27.77 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.04 | 188 | 967410 | 37.64 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.35 | 212 | 1122662 | 39.93 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.19 | 264 | 894203 | 37.66 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.14 | 88 | 5356m | 2.790 | ng/uL | |

SJ 2/21/18
SJ 2/21/18
SJ 2/21/18
SJ 2/21/18
SJ 2/21/18

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