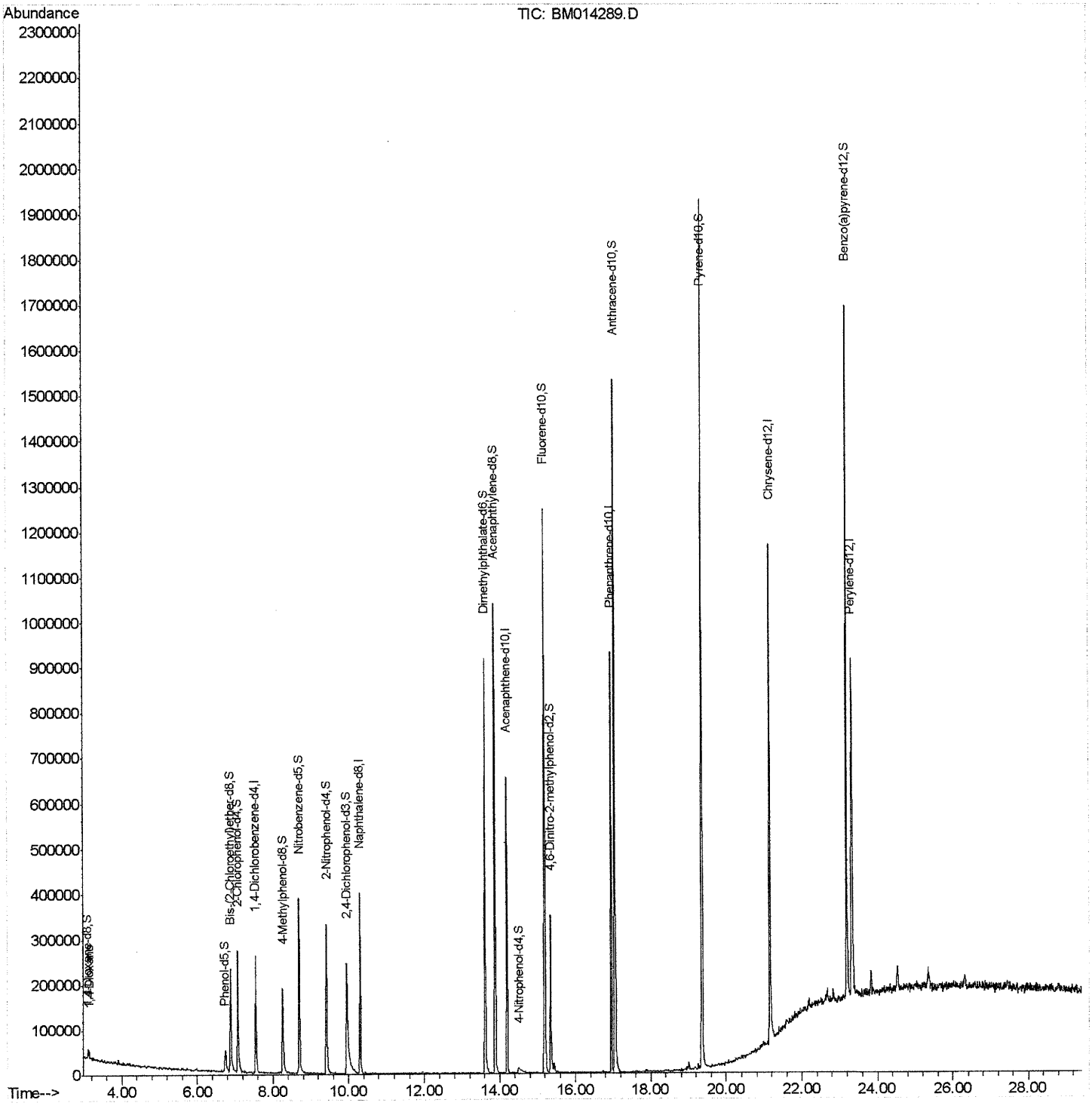
**Instrument :**
BNA_M
**ClientSampleId :**
C02S5

**Manual Integrations APPROVED**
Sohil
2/19/2018 4:16:38 PM

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021618\
Data File : BM014289.D
Acq On : 17 Feb 2018 03:07
Operator : SJ/JU
Sample : J1570-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 17 05:12:59 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 17 00:49:49 2018
Response via : Initial Calibration



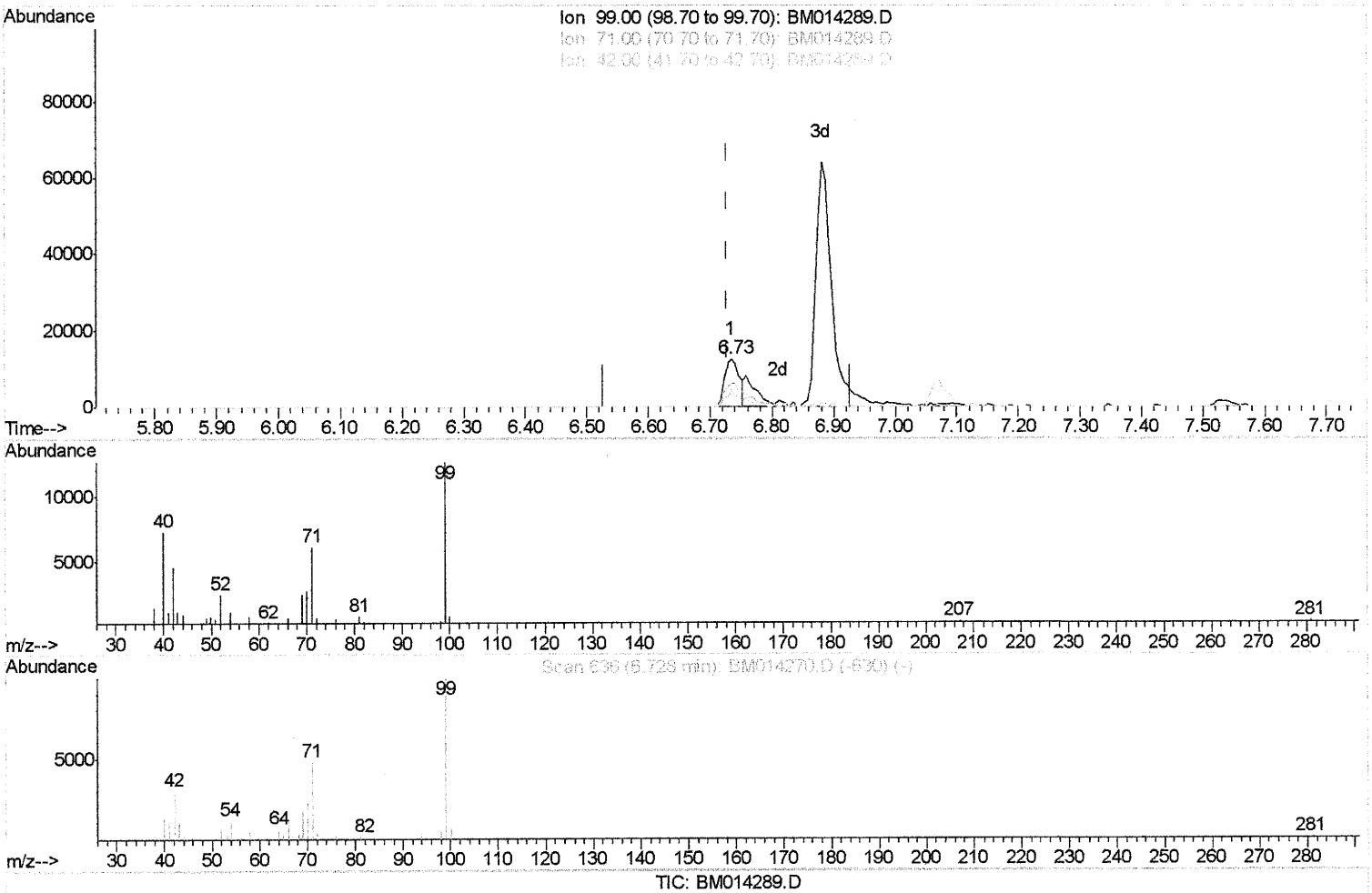
**Instrument :**
BNA_M
**ClientSampleId :**
C02S5

**Manual Integrations APPROVED**
Sohil
2/19/2018 4:16:38 PM

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021618\
Data File : BM014289.D
Acq On : 17 Feb 2018 03:07
Operator : SJ/JU
Sample : J1570-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 17 04:54:35 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 17 00:49:49 2018
Response via : Initial Calibration




TIC: BM014289.D

(5) Phenol-d5 (S)

6.734min (+0.006) 4.08ng/ul

response 21301

| Ion | Exp% | Act% |
|---|---|---|
| 99.00 | 100 | 100 |
| 71.00 | 55.00 | 48.95 |
| 42.00 | 24.20 | 36.60# |
| 0.00 | 0.00 | 0.00 |

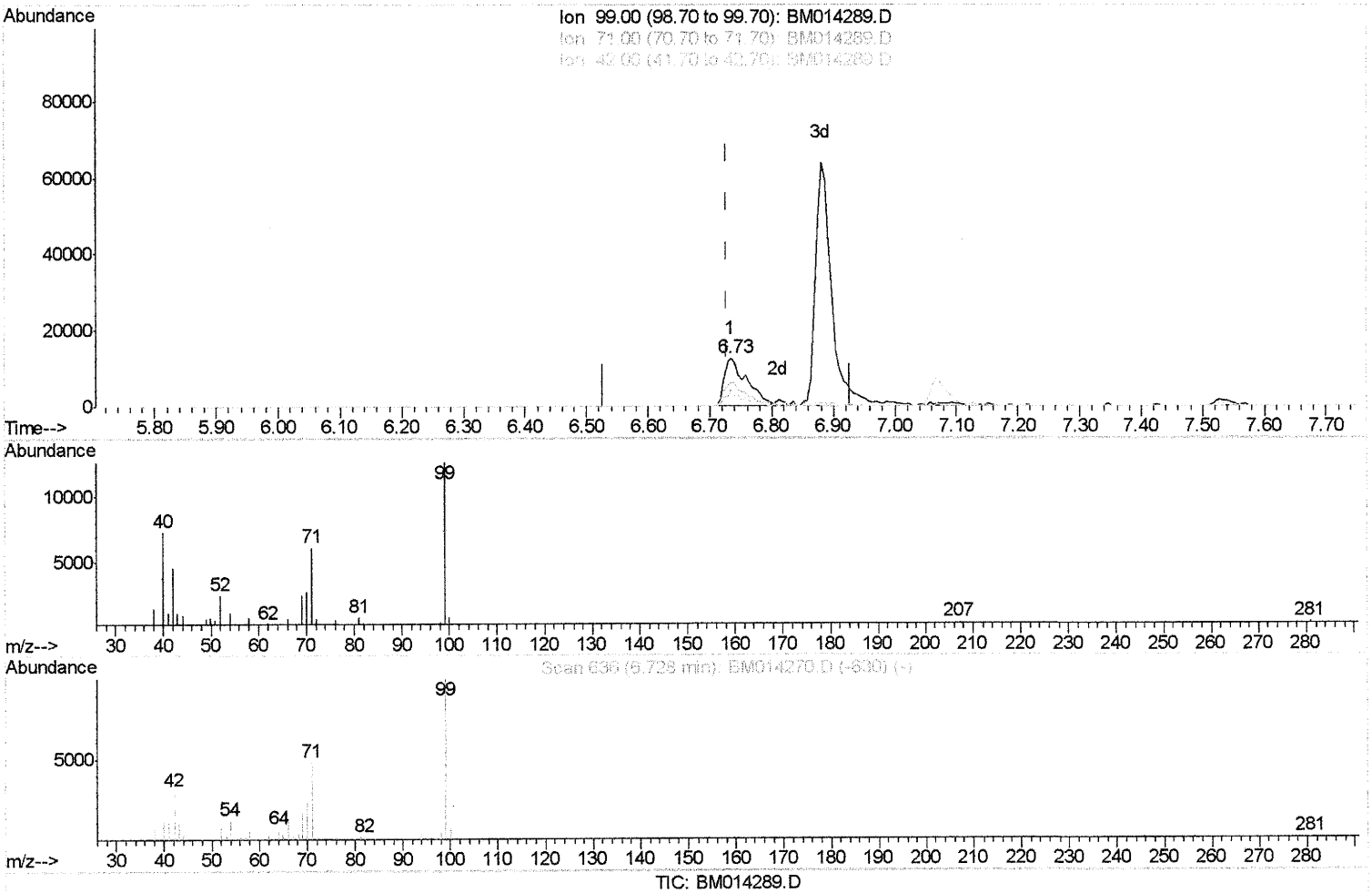
**Instrument :**
BNA_M
**ClientSampleId :**
C02S5

**Manual Integrations APPROVED**
Sohil
2/19/2018 4:16:38 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021618\
Data File : BM014289.D
Acq On : 17 Feb 2018 03:07
Operator : SJ/JU
Sample : J1570-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 17 04:54:35 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 17 00:49:49 2018
Response via : Initial Calibration




TIC: BM014289.D

(5) Phenol-d5 (S)

6.734min (+0.006) 6.17ng/ul m SJ 2/20/18

response 32209

| Ion | Exp% | Act% |
|---|---|---|
| 99.00 | 100 | 100 |
| 71.00 | 55.00 | 48.95 |
| 42.00 | 24.20 | 36.60# |
| 0.00 | 0.00 | 0.00 |

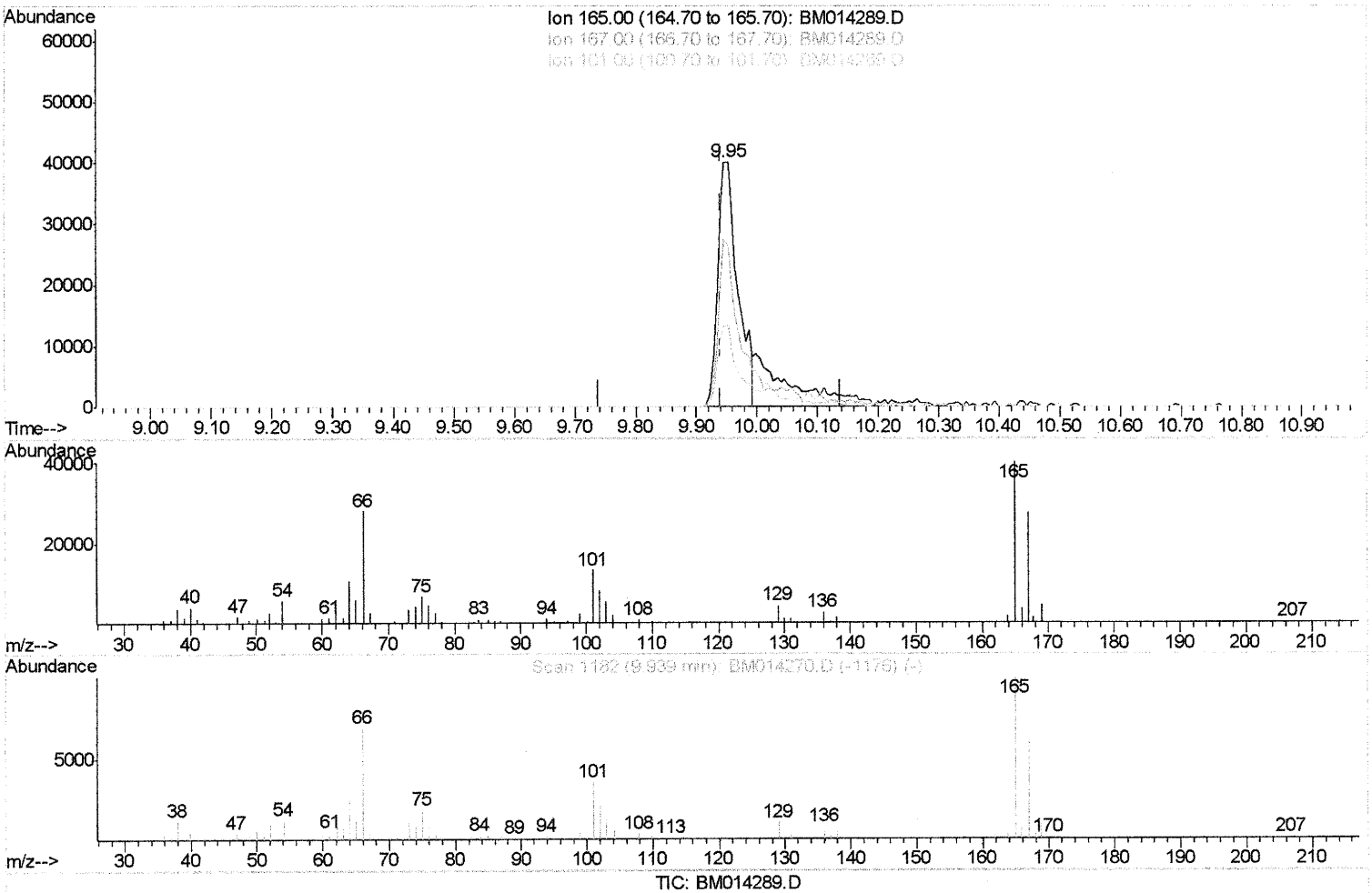
**Instrument :**
BNA_M
**ClientSampleId :**
C02S5

**Manual Integrations APPROVED**
Sohil
2/19/2018 4:16:38 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021618\
Data File : BM014289.D
Acq On : 17 Feb 2018 03:07
Operator : SJ/JU
Sample : J1570-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 17 04:54:35 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 17 00:49:49 2018
Response via : Initial Calibration




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

9.945min (+0.006) 21.90ng/ul

response 93353

| Ion | Exp% | Act% |
|---|---|---|
| 165.00 | 100 | 100 |
| 167.00 | 63.60 | 68.74 |
| 101.00 | 29.30 | 33.40 |
| 0.00 | 0.00 | 0.00 |

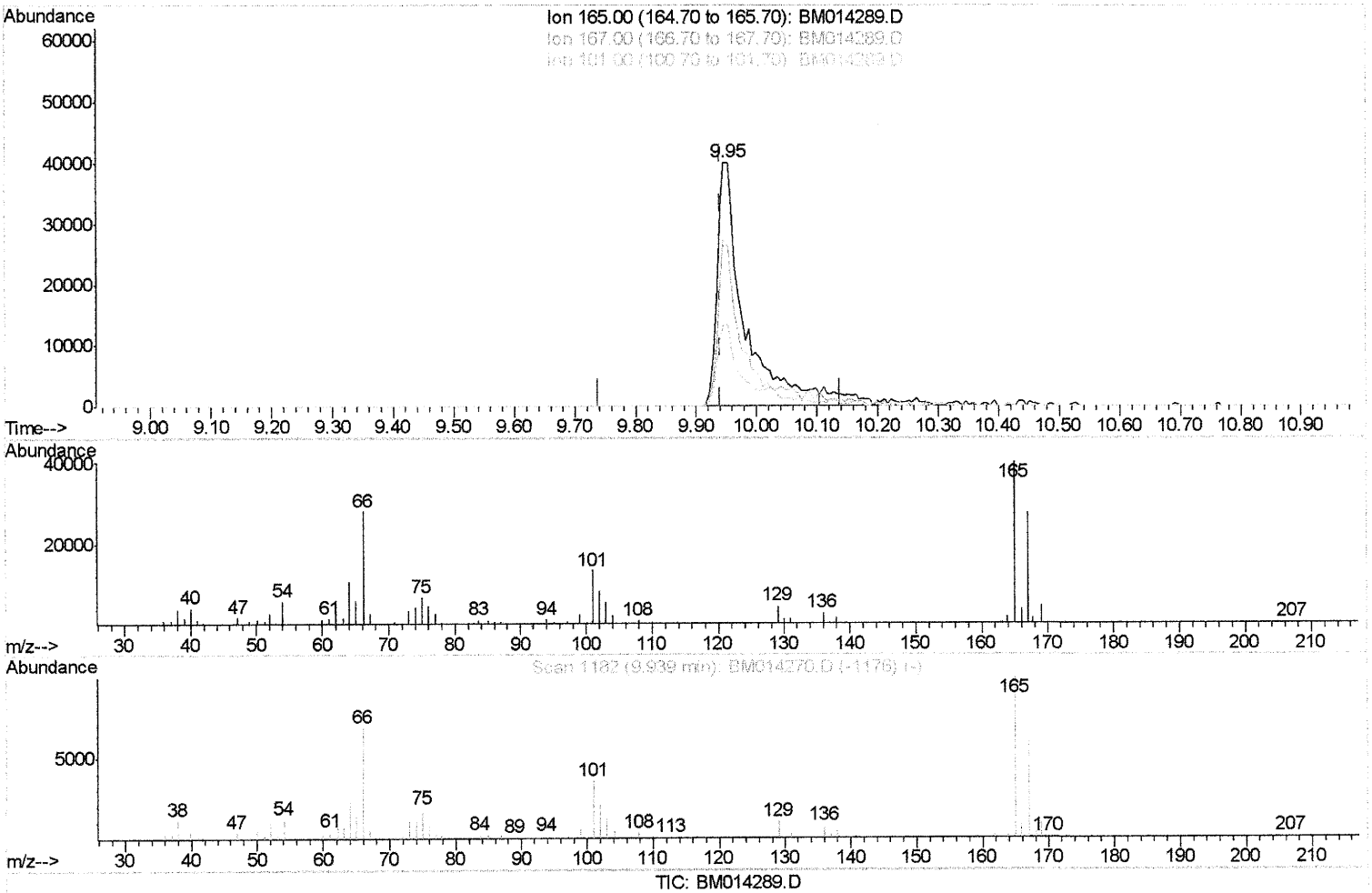
**Instrument :**
BNA_M
**ClientSampleId :**
C02S5

**Manual Integrations APPROVED**
Sohil
2/19/2018 4:16:38 PM

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021618\
Data File : BM014289.D
Acq On : 17 Feb 2018 03:07
Operator : SJ/JU
Sample : J1570-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 17 04:54:35 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 17 00:49:49 2018
Response via : Initial Calibration




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

9.945min (+0.006) 28.56ng/ul m SJ 2/20/18

response 121782

| Ion | Exp% | Act% |
|---|---|---|
| 165.00 | 100 | 100 |
| 167.00 | 63.60 | 68.74 |
| 101.00 | 29.30 | 33.40 |
| 0.00 | 0.00 | 0.00 |

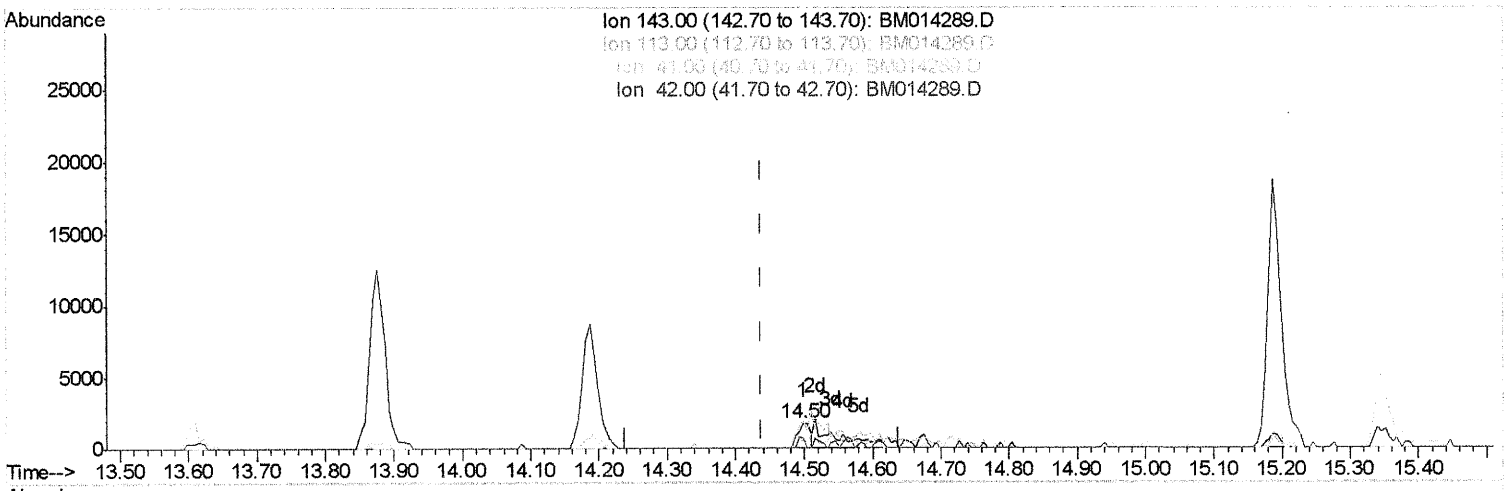
**Instrument :**
BNA_M
**ClientSampleId :**
C02S5

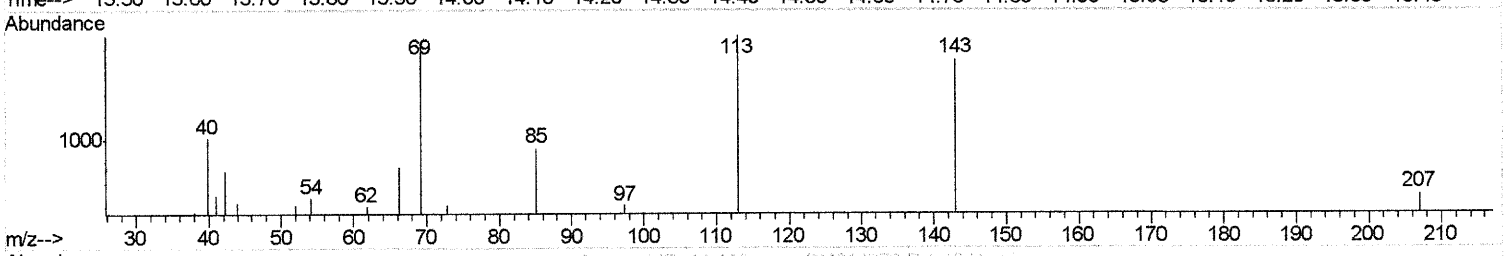
**Manual Integrations APPROVED**
Sohil
2/19/2018 4:16:38 PM

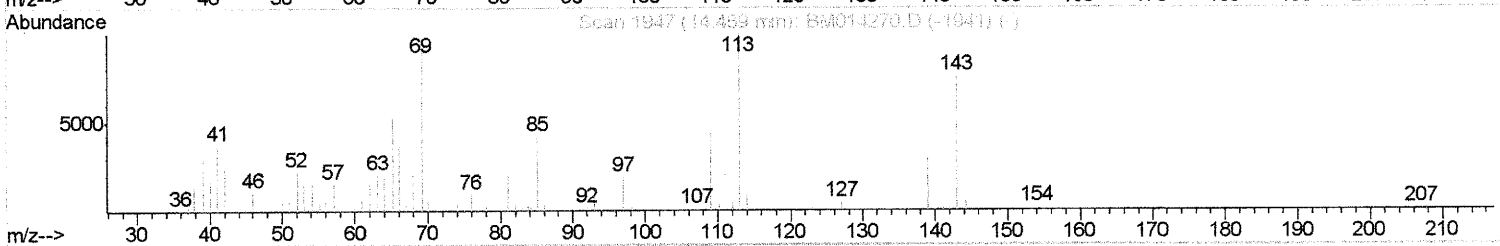
# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021618\
Data File : BM014289.D
Acq On : 17 Feb 2018 03:07
Operator : SJ/JU
Sample : J1570-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 17 04:54:35 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 17 00:49:49 2018
Response via : Initial Calibration




TIC: BM014289.D

(51) 4-Nitrophenol-d4 (S)

14.498min (+0.059) 1.05ng/ul

response 2206

| Ion | Exp% | Act% |
|---|---|---|
| 143.00 | 100 | 100 |
| 113.00 | 114.60 | 112.51 |
| 41.00 | 34.80 | 28.65 |
| 42.00 | 20.50 | 41.64# |

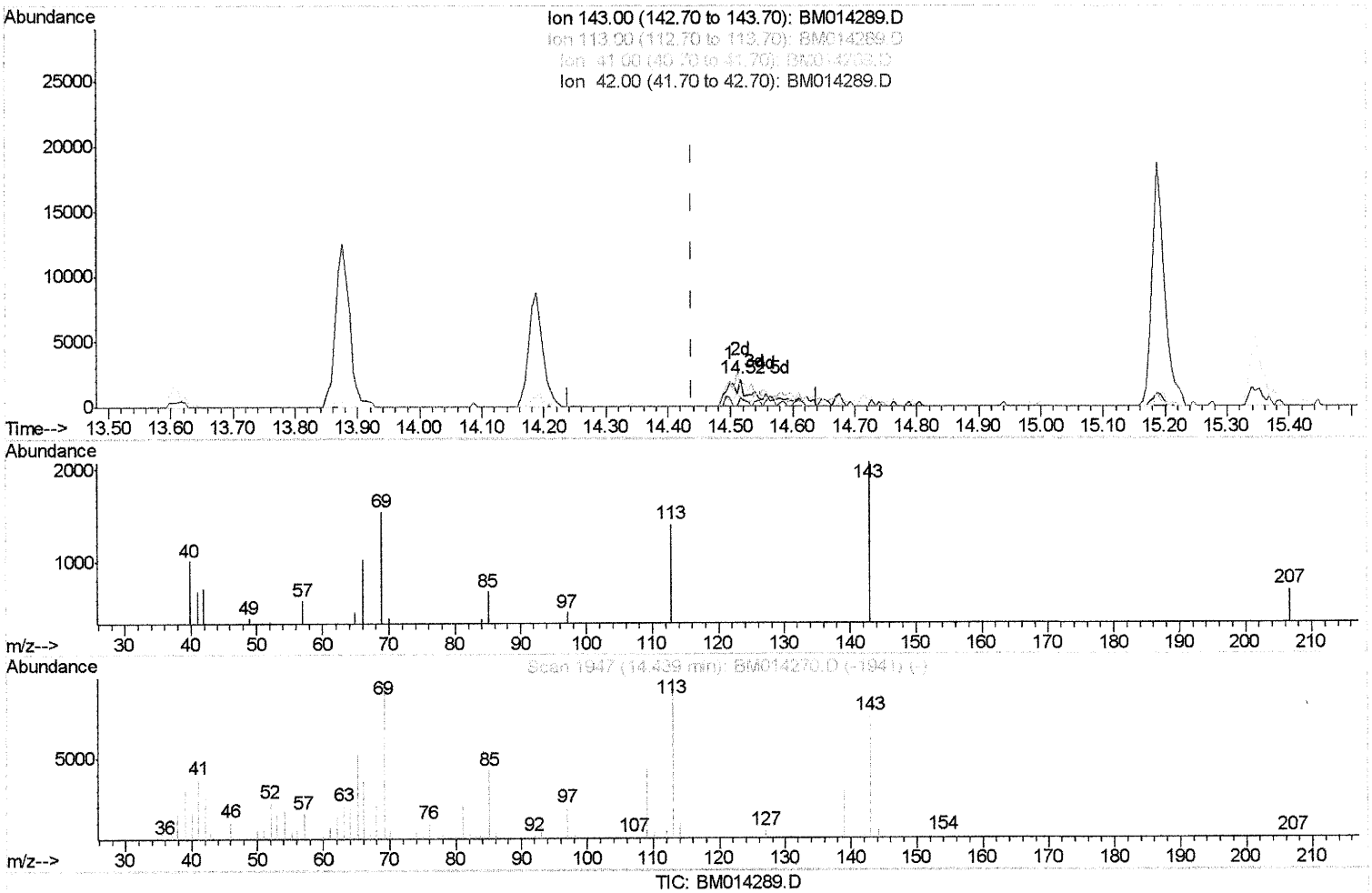
**Instrument :**
BNA_M
**ClientSampleId :**
C02S5

**Manual Integrations APPROVED**
Sohil
2/19/2018 4:16:38 PM

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021618\
Data File : BM014289.D
Acq On : 17 Feb 2018 03:07
Operator : SJ/JU
Sample : J1570-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 17 04:54:35 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 17 00:49:49 2018
Response via : Initial Calibration




(51) 4-Nitrophenol-d4 (S)

14.515min (+0.077) 3.46ng/ul m SJ 2/20/18

response 7270

| Ion | Exp% | Act% |
|---|---|---|
| 143.00 | 100 | 100 |
| 113.00 | 114.60 | 67.47# |
| 41.00 | 34.80 | 33.01 |
| 42.00 | 20.50 | 34.65# |

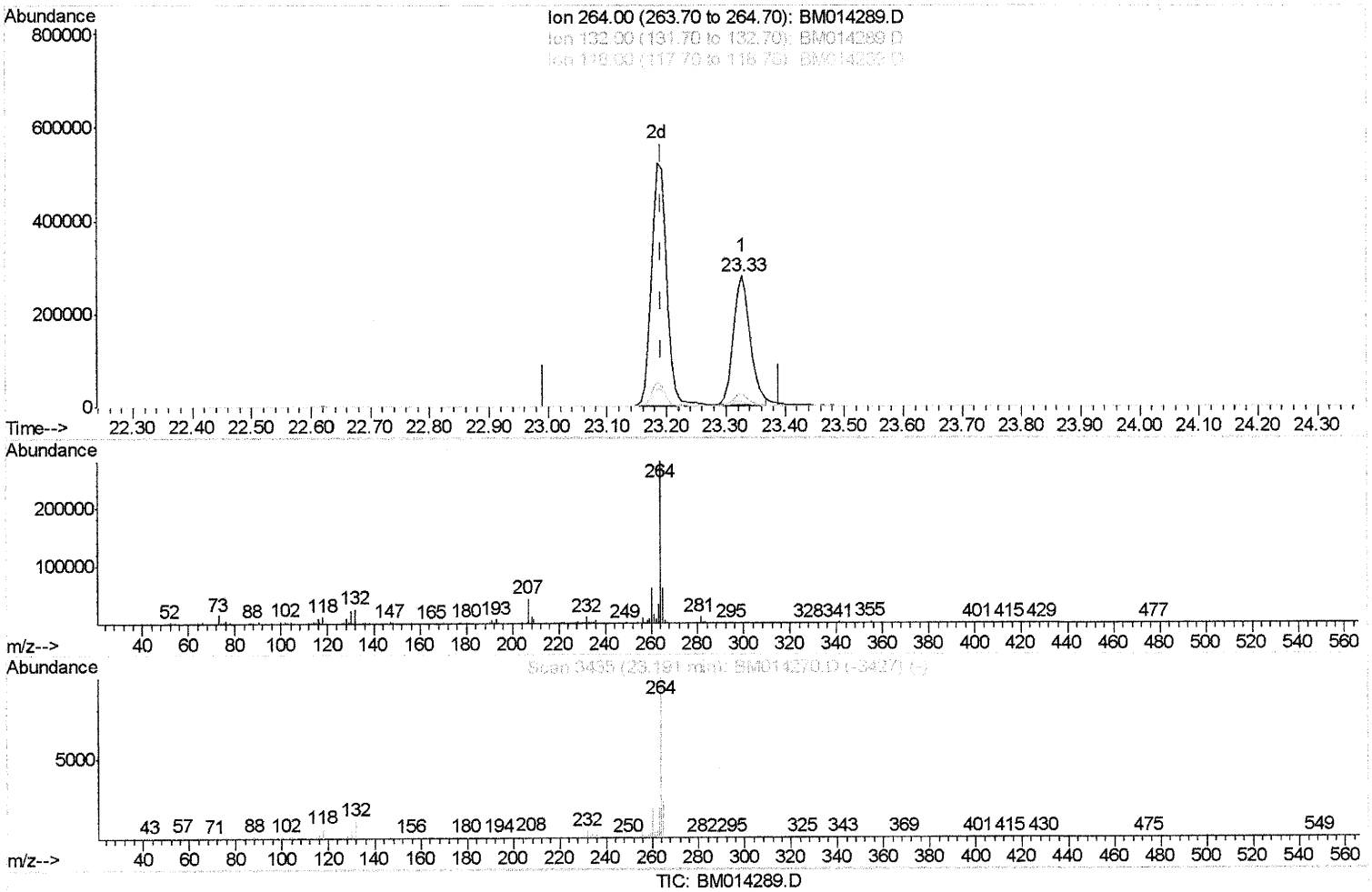
**Instrument :**
BNA_M
**ClientSampleId :**
C02S5

**Manual Integrations APPROVED**
Sohil
2/19/2018 4:16:38 PM

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021618\
Data File : BM014289.D
Acq On : 17 Feb 2018 03:07
Operator : SJ/JU
Sample : J1570-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 17 04:54:35 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 17 00:49:49 2018
Response via : Initial Calibration




(87) Benzo(a)pyrene-d12 (S)

23.327min (+0.135) 20.29ng/ul

response 555202

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100 | 100 |
| 132.00 | 7.70 | 9.23 |
| 118.00 | 5.30 | 4.38 |
| 0.00 | 0.00 | 0.00 |

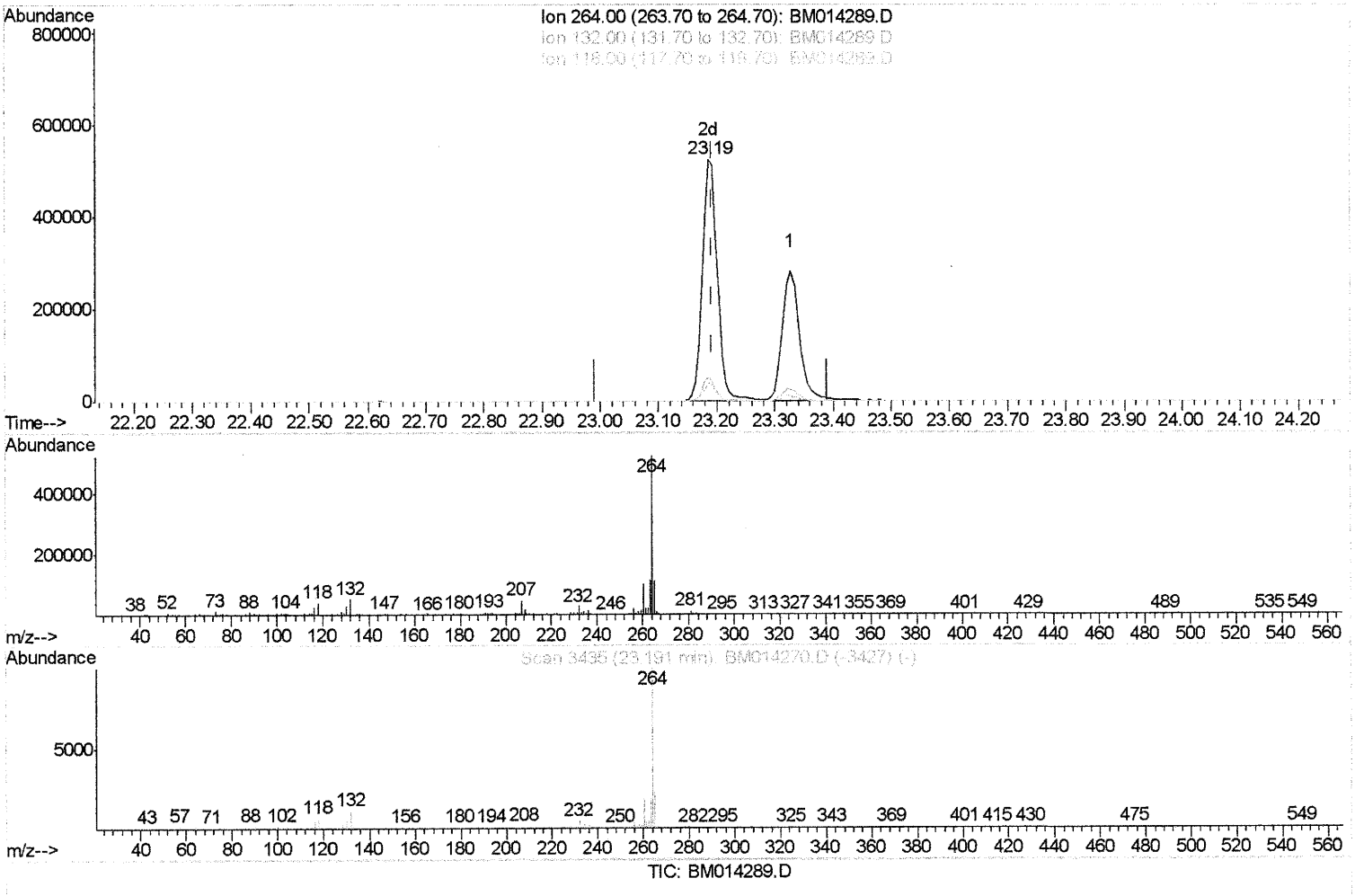
**Instrument :**
BNA_M
**ClientSampleId :**
C02S5

**Manual Integrations APPROVED**
Sohil
2/19/2018 4:16:38 PM

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021618\
Data File : BM014289.D
Acq On : 17 Feb 2018 03:07
Operator : SJ/JU
Sample : J1570-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 17 04:54:35 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 17 00:49:49 2018
Response via : Initial Calibration




TIC: BM014289.D

(87) Benzo(a)pyrene-d12 (S)

23.186min (-0.006) 34.14ng/ul m SJ 2/20/18

response 934298

| Ion | Exp% | Act% |
|---|---|---|
| 264.00 | 100 | 100 |
| 132.00 | 7.70 | 10.22# |
| 118.00 | 5.30 | 7.65# |
| 0.00 | 0.00 | 0.00 |

Instrument :
BNA_M
ClientSampleId :
C02S5

Manual Integrations
APPROVED
Sohil
2/19/2018 4:16:38 PM

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021618\
Data File : BM014289.D
Acq On : 17 Feb 2018 03:07
Operator : SJ/JU
Sample : J1570-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Feb 17 05:12:59 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 17 00:49:49 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) | |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.53 | 152 | 61764 | 20.00 | ng/ul | 0.00 | |
| 18) Naphthalene-d8 | 10.30 | 136 | 269126 | 20.00 | ng/ul | 0.00 | |
| 35) Acenaphthene-d10 | 14.19 | 164 | 184464 | 20.00 | ng/ul | 0.00 | |
| 61) Phenanthrene-d10 | 16.94 | 188 | 450686 | 20.00 | ng/ul | 0.00 | |
| 75) Chrysene-d12 | 21.16 | 240 | 557871 | 20.00 | ng/ul | 0.00 | |
| 83) Perylene-d12 | 23.33 | 264 | 562360 | 20.00 | ng/ul | 0.00 | |
| **System Monitoring Compounds** | | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.10 | 96 | 9161 | 6.35 | ng/uL | 0.00 | SJ 2/20/18 |
| 5) Phenol-d5 | 6.73 | 99 | 32209m | 6.17 | ng/ul | 0.00 | |
| 7) Bis-(2-Chloroethyl)ether-d | 6.88 | 67 | 100817 | 31.90 | ng/ul | 0.00 | |
| 9) 2-Chlorophenol-d4 | 7.07 | 132 | 102057 | 25.50 | ng/ul | 0.00 | |
| 13) 4-Methylphenol-d8 | 8.25 | 113 | 64414 | 14.10 | ng/ul | 0.00 | |
| 19) Nitrobenzene-d5 | 8.69 | 128 | 68918 | 34.65 | ng/ul | 0.00 | |
| 22) 2-Nitrophenol-d4 | 9.41 | 143 | 73540 | 35.73 | ng/ul | 0.00 | SJ 2/20/18 |
| 26) 2,4-Dichlorophenol-d3 | 9.95 | 165 | 121782m | 28.56 | ng/ul | 0.00 | |
| 29) 4-Chloroaniline-d4 | 0.00 | 131 | 0 | 0.00 | ng/ul | | |
| 43) Dimethylphthalate-d6 | 13.61 | 166 | 540306 | 35.47 | ng/ul | 0.00 | |
| 46) Acenaphthylene-d8 | 13.87 | 160 | 636797 | 33.90 | ng/ul | 0.00 | SJ 2/20/18 |
| 51) 4-Nitrophenol-d4 | 14.52 | 143 | 7270m | 3.46 | ng/ul | 0.08 | |
| 57) Fluorene-d10 | 15.19 | 176 | 478092 | 35.03 | ng/ul | 0.00 | |
| 62) 4,6-Dinitro-2-methylphenol | 15.34 | 200 | 71124 | 26.31 | ng/ul | 0.00 | |
| 70) Anthracene-d10 | 17.04 | 188 | 775548 | 35.67 | ng/ul | 0.00 | |
| 76) Pyrene-d10 | 19.35 | 212 | 939788 | 32.66 | ng/ul | 0.00 | SJ 2/20/18 |
| 87) Benzo(a)pyrene-d12 | 23.19 | 264 | 934298m | 34.14 | ng/ul | 0.00 | |
| **Target Compounds** | | | | | | Qvalue | |
| 2) 1,4-Dioxane | 3.15 | 88 | 9665 | 6.03 | ng/uL# | 59 | |

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