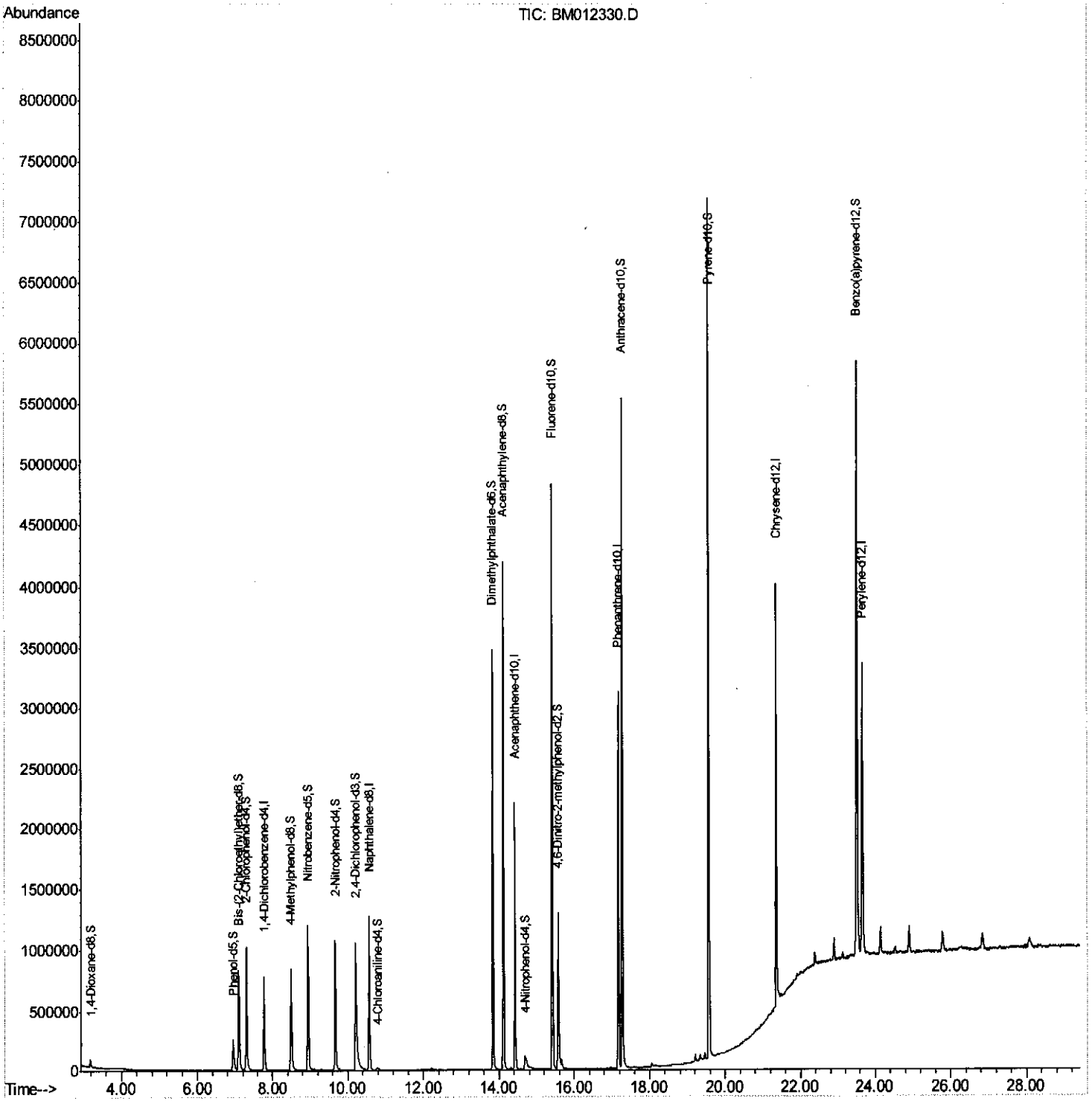
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102017\
Data File : BM012330.D
Acq On : 20 Oct 2017 21:34
Operator : SJ/JU
Sample : I5846-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 23 02:25:16 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 01:17:35 2017
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
BD9T2

**Manual Integrations APPROVED**
Sohil
10/23/2017 3:53:29 PM



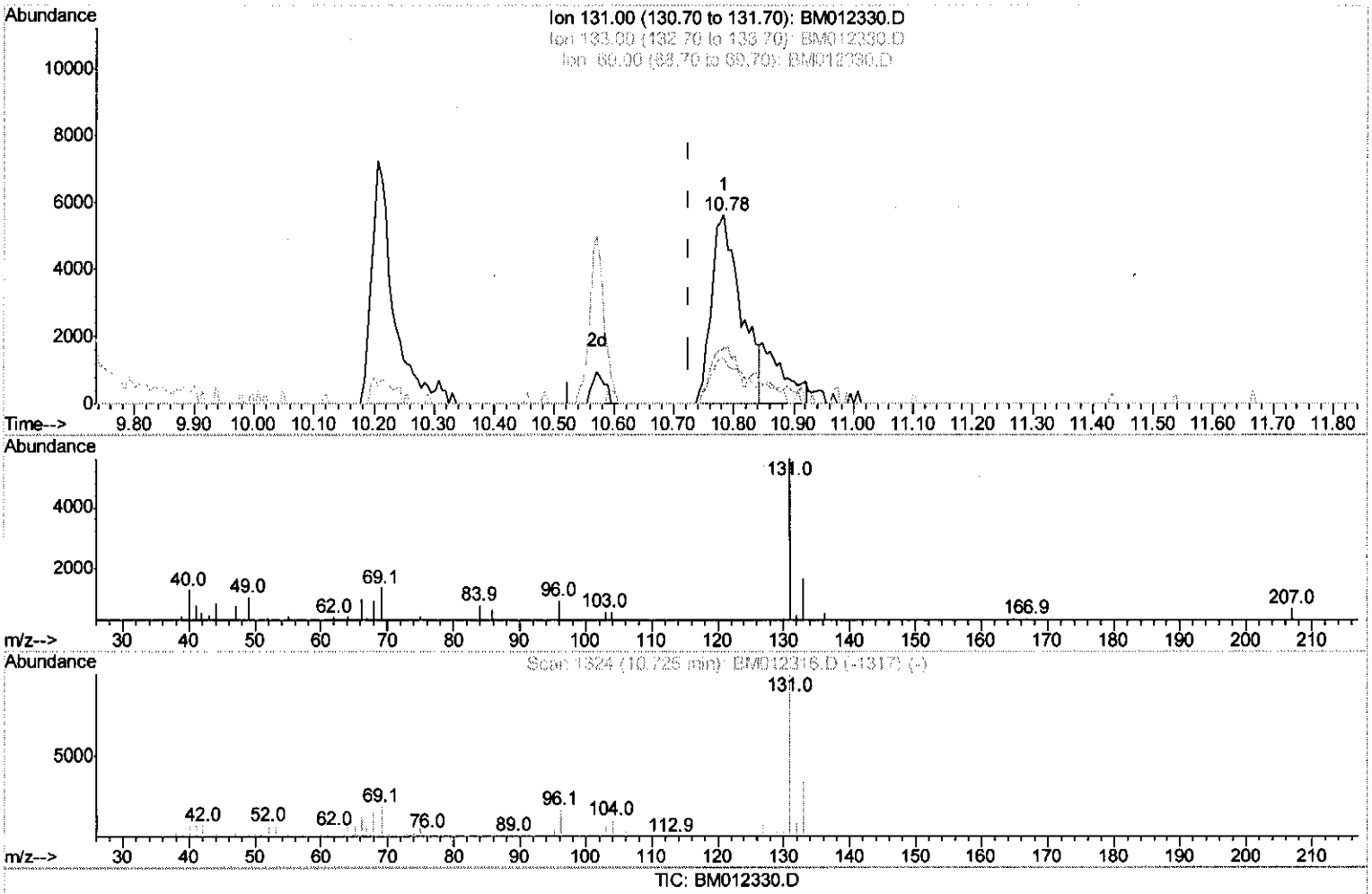
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102017\
Data File : BM012330.D
Acq On : 20 Oct 2017 21:34
Operator : SJ/JU
Sample : I5846-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 23 01:22:45 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 01:17:35 2017
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
BD9T2

**Manual Integrations APPROVED**
Sohil
10/23/2017 3:53:29 PM




TIC: BM012330.D

(29) 4-Chloroaniline-d4 (S)

10.784min (+0.059) 1.16ng/ul

response 19289

| Ion | Exp% | Act% |
|---|---|---|
| 131.00 | 100 | 100 |
| 133.00 | 31.40 | 29.57 |
| 69.00 | 17.40 | 24.02# |
| 0.00 | 0.00 | 0.00 |

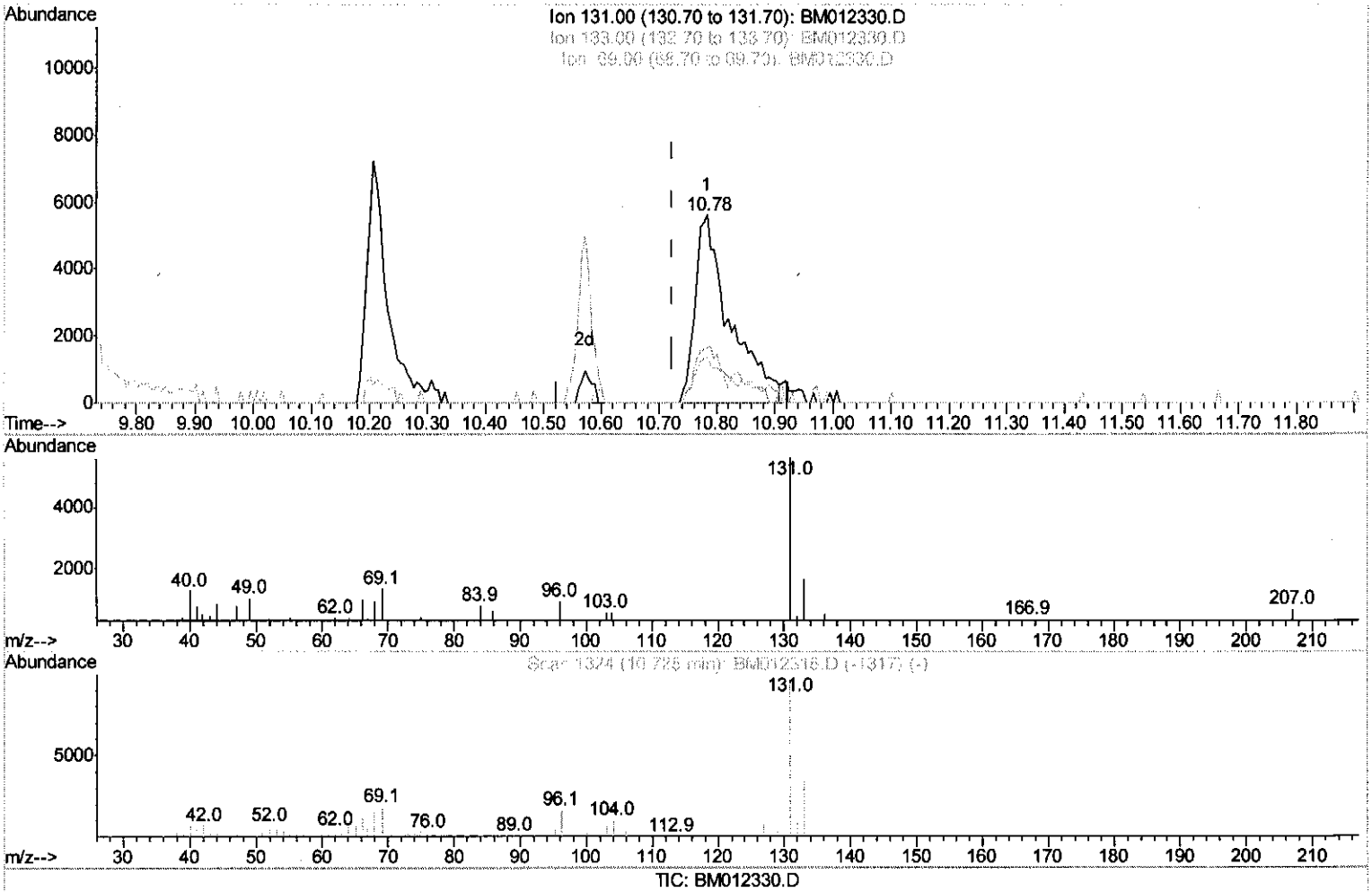
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102017\
Data File : BM012330.D
Acq On : 20 Oct 2017 21:34
Operator : SJ/JU
Sample : I5846-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 23 01:22:45 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 01:17:35 2017
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
BD9T2

**Manual Integrations APPROVED**
Sohil
10/23/2017 3:53:29 PM




TIC: BM012330.D

(29) 4-Chloroaniline-d4 (S)

10.784min (+0.059) 1.41ng/ul m JU 10/24/17

response 23491

| Ion | Exp% | Act% |
|---|---|---|
| 131.00 | 100 | 100 |
| 133.00 | 31.40 | 29.57 |
| 69.00 | 17.40 | 24.02# |
| 0.00 | 0.00 | 0.00 |

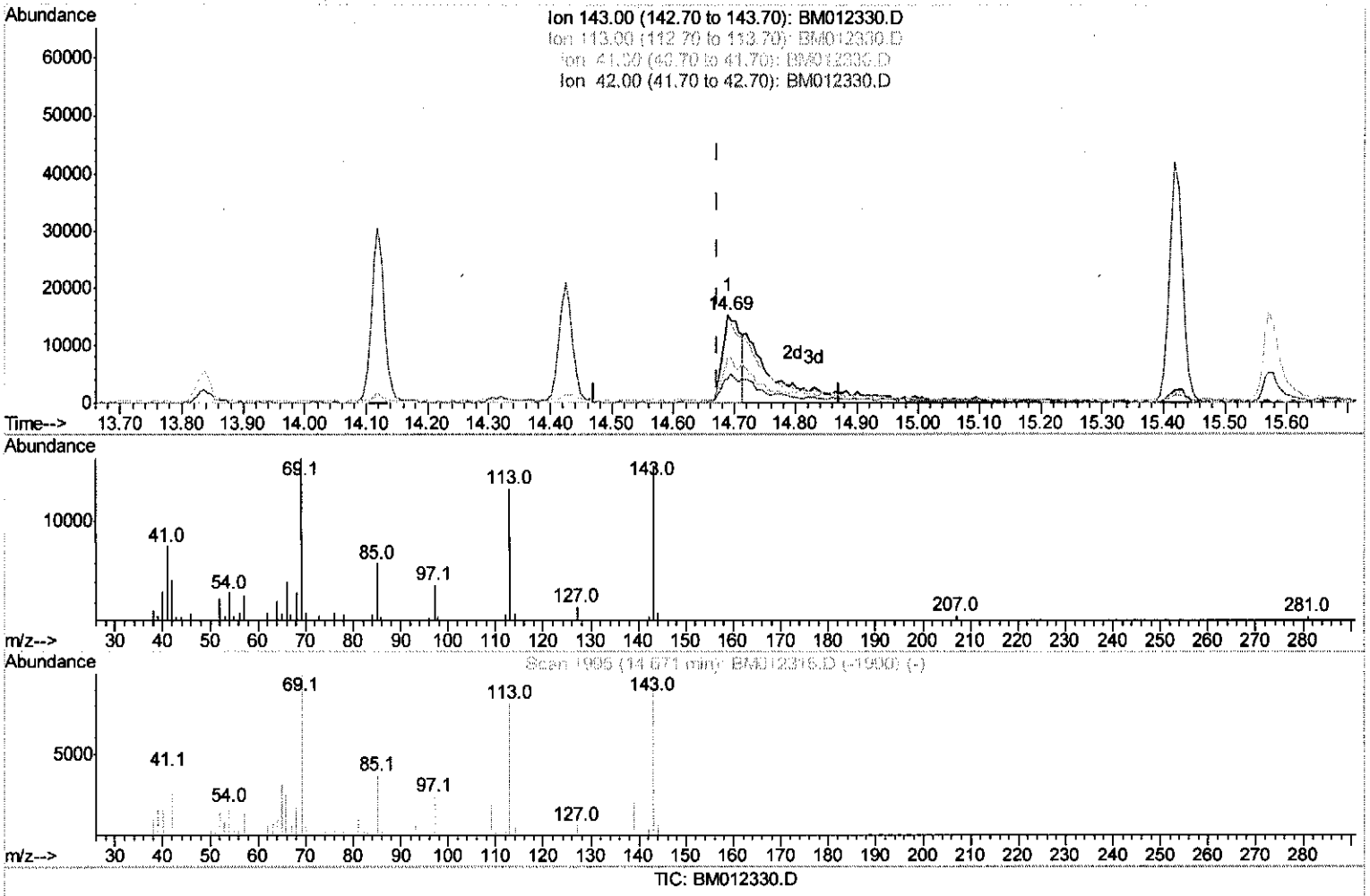
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102017\
Data File : BM012330.D
Acq On : 20 Oct 2017 21:34
Operator : SJ/JU
Sample : I5846-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 23 02:24:35 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 01:17:35 2017
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
BD9T2

**Manual Integrations APPROVED**
Sohil
10/23/2017 3:53:29 PM




TIC: BM012330.D

(51) 4-Nitrophenol-d4 (S)

14.689min (+0.018) 3.33ng/ul

response 31206

| Ion | Exp% | Act% |
|---|---|---|
| 143.00 | 100 | 100 |
| 113.00 | 81.80 | 85.83 |
| 41.00 | 40.00 | 49.37# |
| 42.00 | 25.70 | 27.30 |

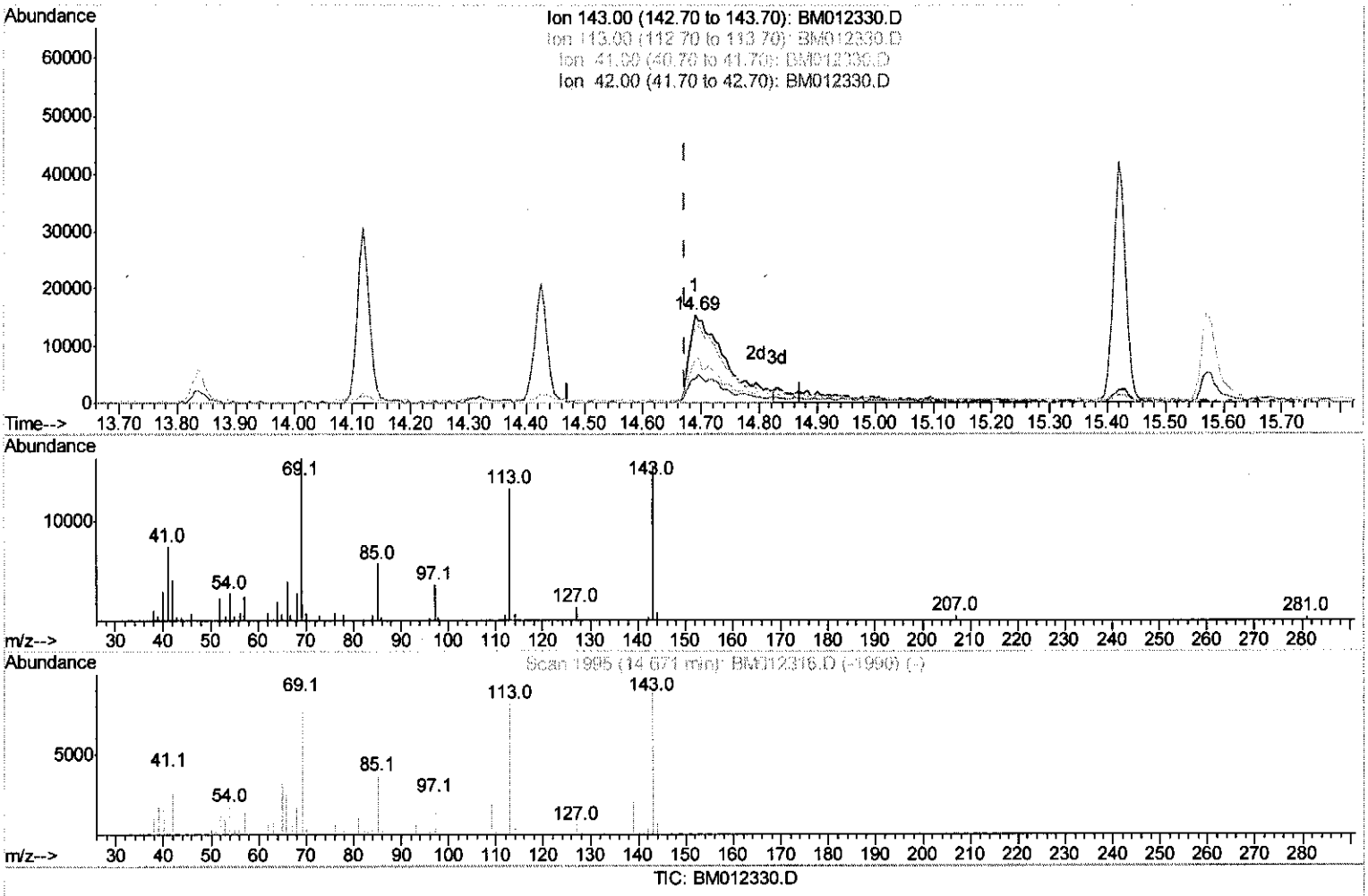
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102017\
Data File : BM012330.D
Acq On : 20 Oct 2017 21:34
Operator : SJ/JU
Sample : I5846-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 23 02:24:35 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 01:17:35 2017
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
BD9T2

**Manual Integrations APPROVED**
Sohil
10/23/2017 3:53:29 PM




TIC: BM012330.D

(51) 4-Nitrophenol-d4 (S)

14.689min (+0.018) 6.97ng/ul m JU 10/24/17

response 65365

| Ion | Exp% | Act% |
|---|---|---|
| 143.00 | 100 | 100 |
| 113.00 | 81.80 | 85.83 |
| 41.00 | 40.00 | 49.37# |
| 42.00 | 25.70 | 27.30 |

Quantitation Report (QT Reviewed)

Instrument :
BNA_M
ClientSampleId :
BD9T2

Manual Integrations APPROVED
Sohil
10/23/2017 3:53:29 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102017\
Data File : BM012330.D
Acq On : 20 Oct 2017 21:34
Operator : SJ/JU
Sample : I5846-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 23 02:25:16 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 01:17:35 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) | |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.77 | 152 | 232201 | 20.00 | ng/ul | 0.00 | |
| 18) Naphthalene-d8 | 10.57 | 136 | 1044689 | 20.00 | ng/ul | 0.00 | |
| 35) Acenaphthene-d10 | 14.42 | 164 | 705888 | 20.00 | ng/ul | 0.00 | |
| 61) Phenanthrene-d10 | 17.18 | 188 | 1683849 | 20.00 | ng/ul | 0.00 | |
| 75) Chrysene-d12 | 21.37 | 240 | 1881771 | 20.00 | ng/ul | 0.00 | |
| 83) Perylene-d12 | 23.65 | 264 | 1840564 | 20.00 | ng/ul | -0.01 | |
| **System Monitoring Compounds** | | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.19 | 96 | 32237 | 6.60 | ng/uL | 0.00 | |
| 5) Phenol-d5 | 6.95 | 99 | 197054 | 10.46 | ng/ul | 0.00 | |
| 7) Bis-(2-Chloroethyl)ether-d | 7.10 | 67 | 409616 | 36.25 | ng/ul | 0.00 | |
| 9) 2-Chlorophenol-d4 | 7.31 | 132 | 485557 | 30.38 | ng/ul | 0.00 | |
| 13) 4-Methylphenol-d8 | 8.49 | 113 | 359175 | 22.14 | ng/ul | 0.00 | |
| 19) Nitrobenzene-d5 | 8.94 | 128 | 280626 | 35.20 | ng/ul | 0.00 | |
| 22) 2-Nitrophenol-d4 | 9.67 | 143 | 344965 | 37.03 | ng/ul | 0.00 | |
| 26) 2,4-Dichlorophenol-d3 | 10.21 | 165 | 564782 | 31.76 | ng/ul | 0.00 | |
| 29) 4-Chloroaniline-d4 | 10.78 | 131 | 23491m | 1.41 | ng/ul | 0.06 | → JU 10/24/17 |
| 43) Dimethylphthalate-d6 | 13.84 | 166 | 2427788 | 38.91 | ng/ul | 0.00 | |
| 46) Acenaphthylene-d8 | 14.12 | 160 | 2786308 | 36.89 | ng/ul | 0.00 | |
| 51) 4-Nitrophenol-d4 | 14.69 | 143 | 65365m | 6.97 | ng/ul | 0.02 | → JU 10/24/17 |
| 57) Fluorene-d10 | 15.42 | 176 | 1966889 | 38.41 | ng/ul | 0.00 | |
| 62) 4,6-Dinitro-2-methylphenol | 15.58 | 200 | 347596 | 30.08 | ng/ul | 0.00 | |
| 70) Anthracene-d10 | 17.28 | 188 | 3147455 | 37.80 | ng/ul | 0.00 | |
| 76) Pyrene-d10 | 19.57 | 212 | 3626690 | 37.97 | ng/ul | 0.00 | |
| 87) Benzo(a)pyrene-d12 | 23.51 | 264 | 3422758 | 38.57 | ng/ul | 0.00 | |

| Target Compounds | Qvalue |
|---|---|

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