

# Quantitation Report (LSC Reviewed)

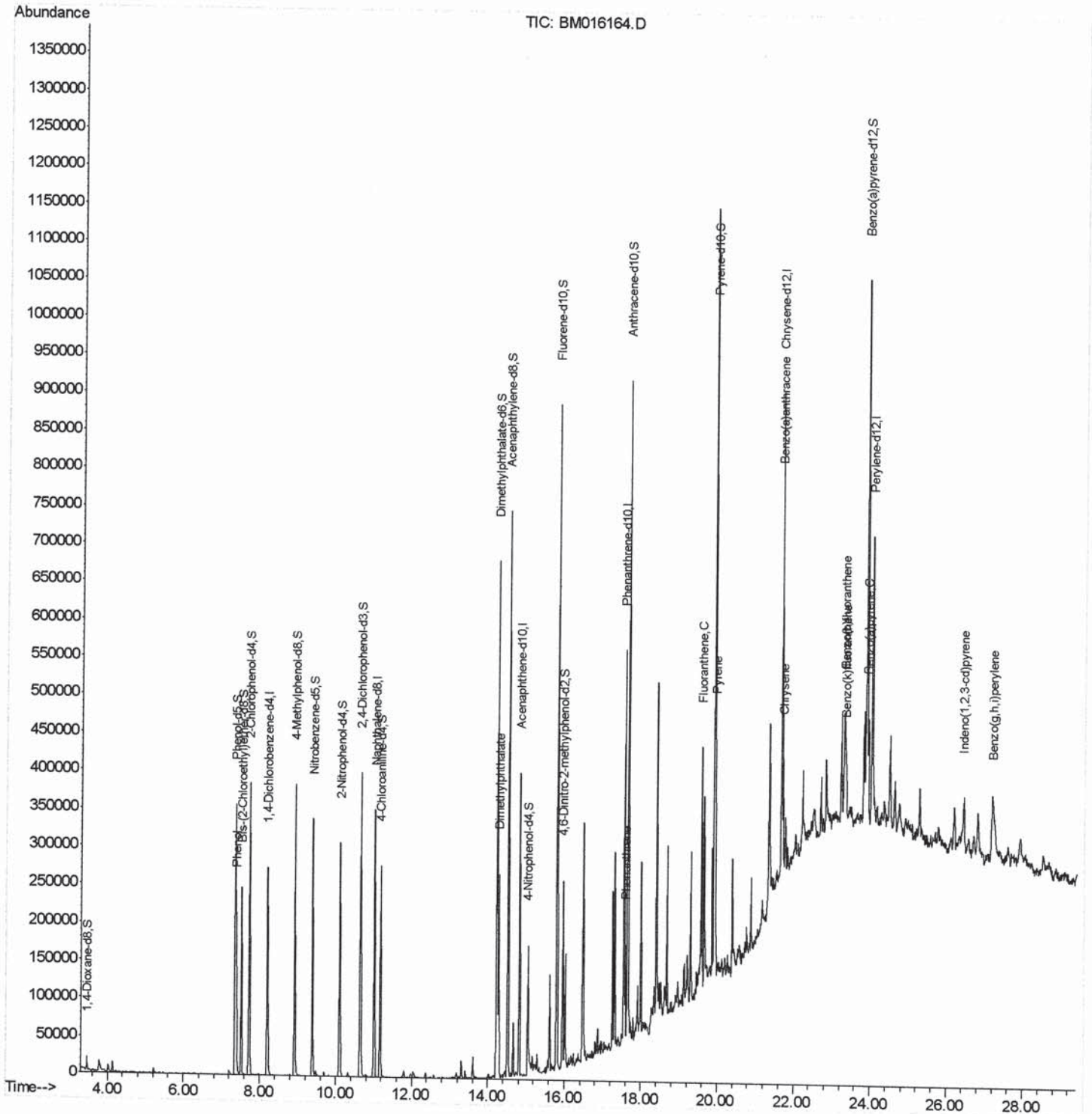
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080218\  
 Data File : BM016164.D  
 Acq On : 02 Aug 2018 20:50  
 Operator : SJ/JU  
 Sample : J4171-20  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :  
 JJ1L3

Manual Integrations  
 APPROVED

Sohil  
 8/3/2018 5:56:08 PM

Quant Time: Aug 03 11:21:23 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM071318MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 03 01:12:01 2018  
 Response via : Initial Calibration



## Quantitation Report (Qedit)

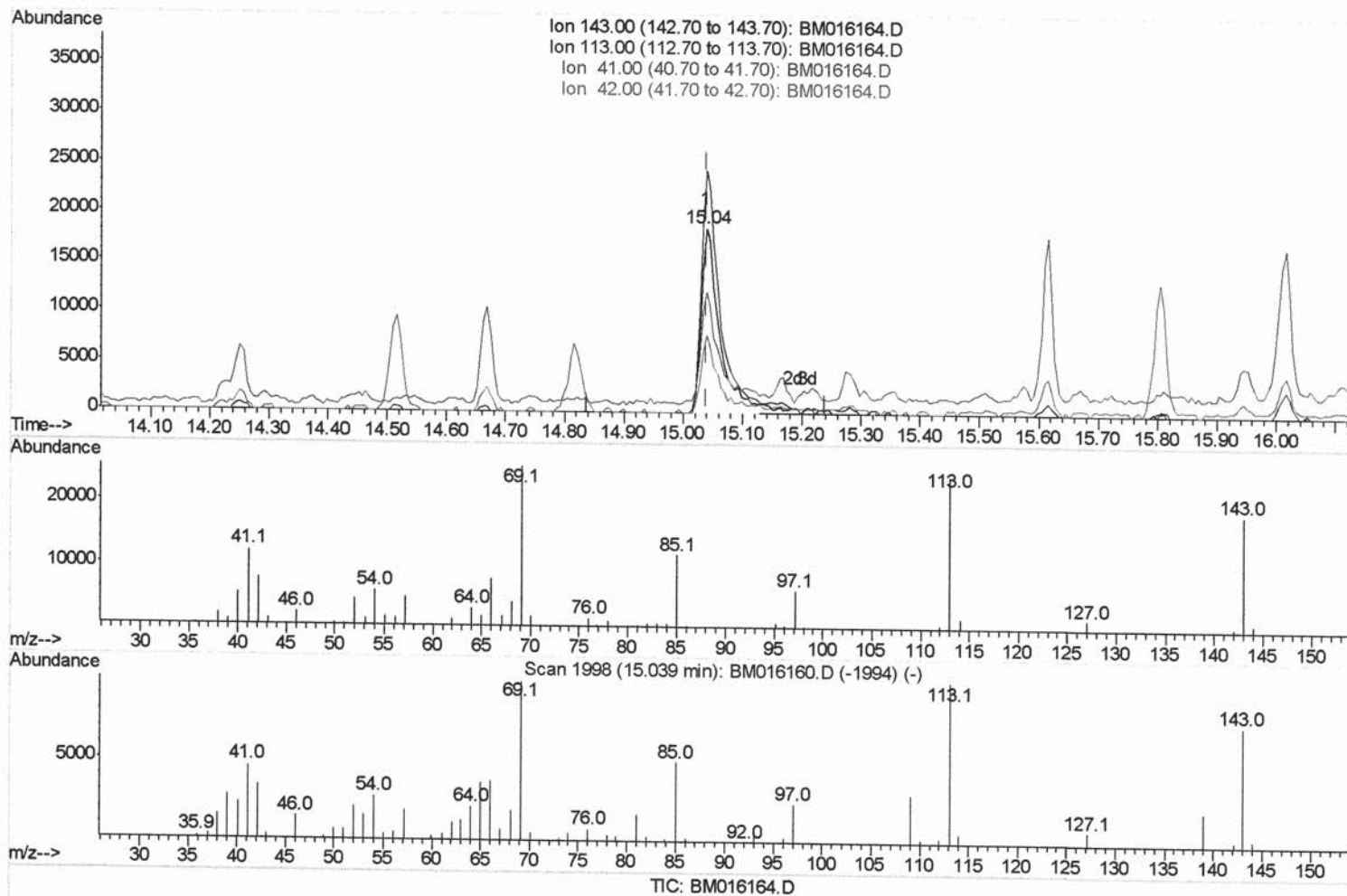
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080218\  
Data File : BM016164.D  
Acq On : 02 Aug 2018 20:50  
Operator : SJ/JU  
Sample : J4171-20  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
JJ1L3

Manual Integrations  
APPROVED

Sohil  
8/3/2018 5:56:08 PM

Quant Time: Aug 03 01:12:43 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM071318MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Aug 03 01:12:01 2018  
Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

15.039min (-0.000) 21.27ng/ui

response 38984

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 143.00 | 100   | 100     |
| 113.00 | 75.10 | 131.60# |
| 41.00  | 28.80 | 65.26#  |
| 42.00  | 19.10 | 41.69#  |

## Quantitation Report (Qedit)

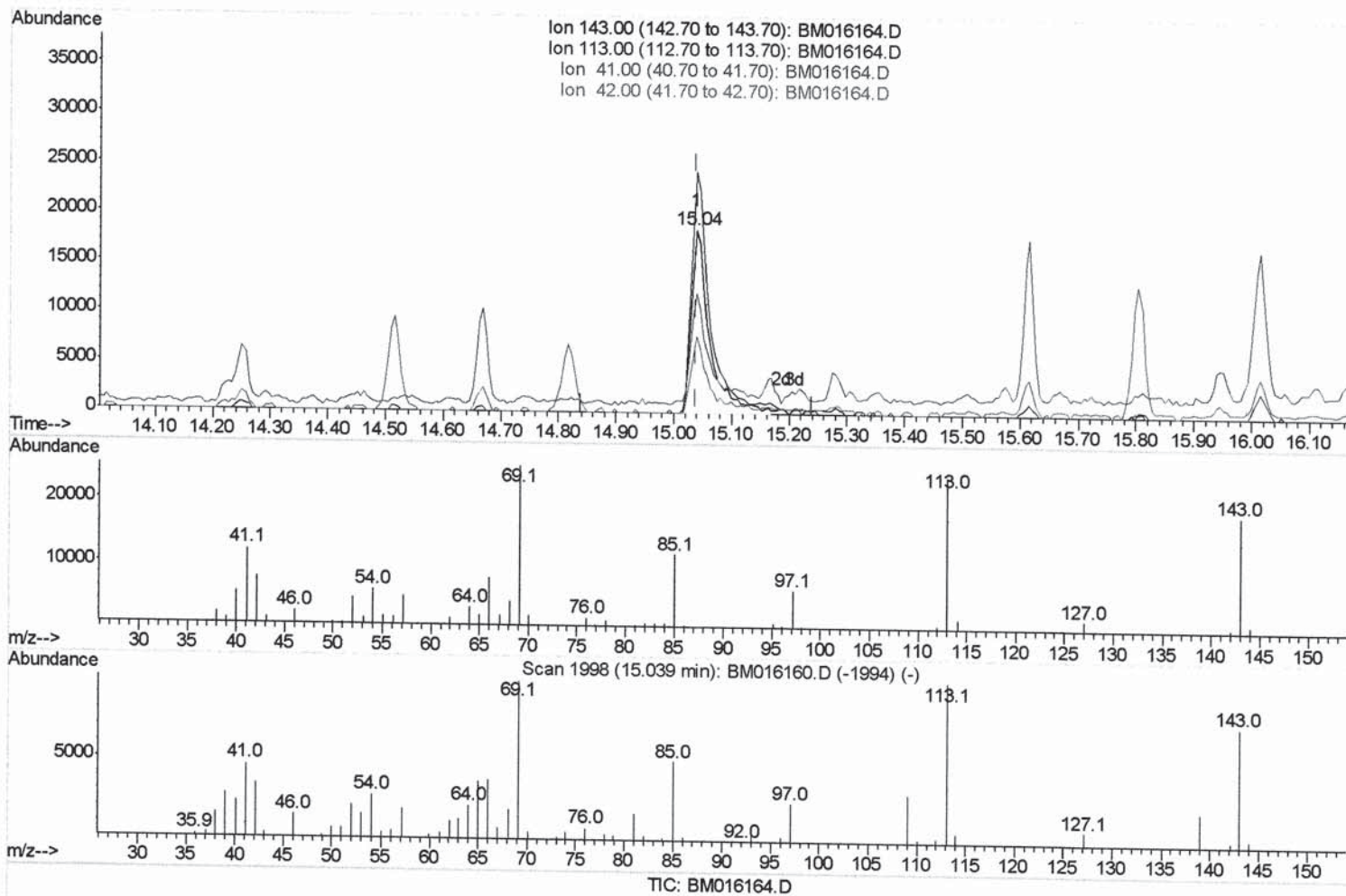
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080218\  
Data File : BM016164.D  
Acq On : 02 Aug 2018 20:50  
Operator : SJ/JU  
Sample : J4171-20  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :  
JJ1L3

Manual Integrations  
APPROVED

Sohil  
8/3/2018 5:56:08 PM

Quant Time: Aug 03 01:12:43 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM071318MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Aug 03 01:12:01 2018  
Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

15.039min (-0.000) 22.16ng/ul m *SS 8/6/18*

response 40607

| Ion    | Exp%  | Act%    |
|--------|-------|---------|
| 143.00 | 100   | 100     |
| 113.00 | 75.10 | 131.60# |
| 41.00  | 28.80 | 65.26#  |
| 42.00  | 19.10 | 41.69#  |

# Quantitation Report (Qedit)

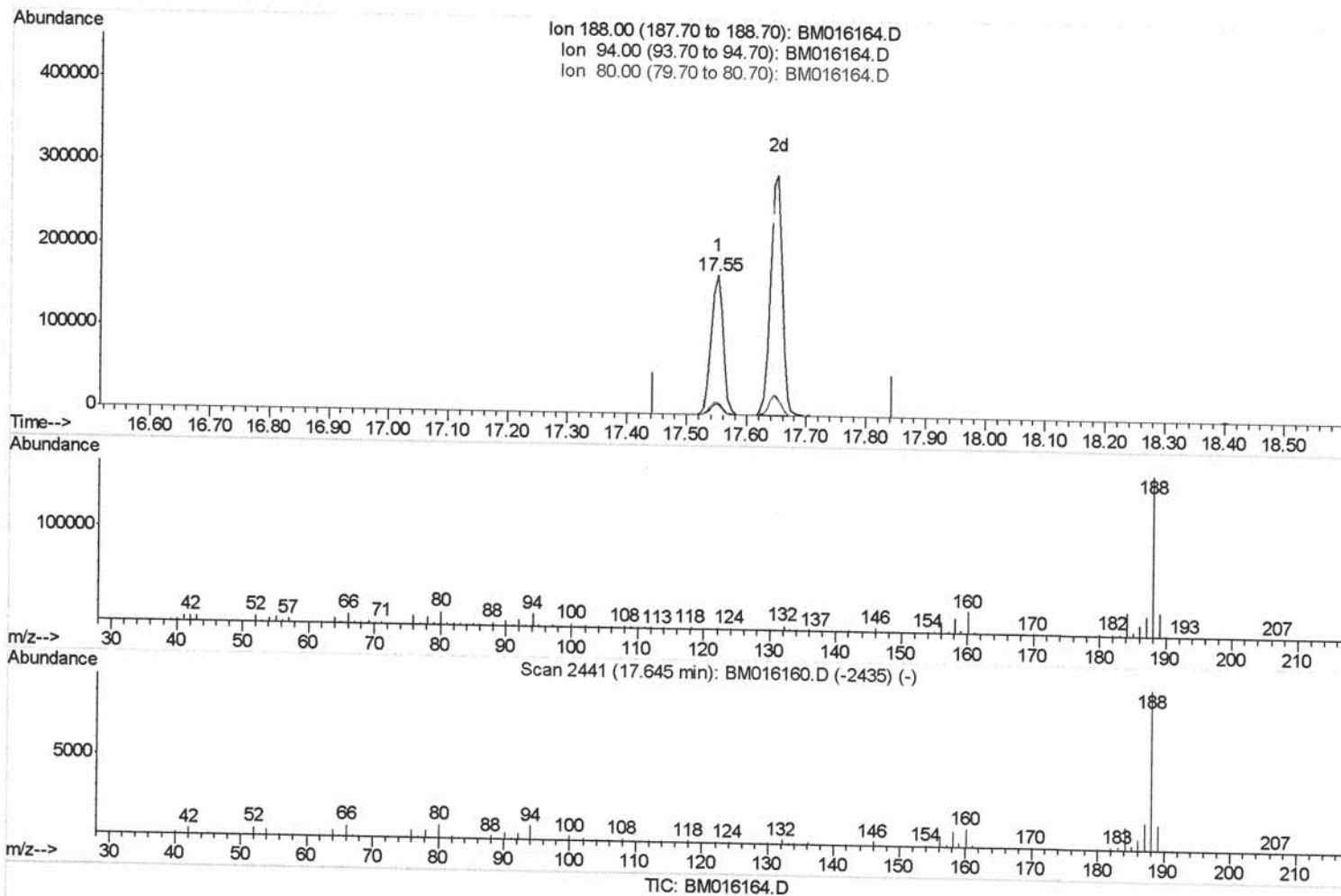
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080218\  
 Data File : BM016164.D  
 Acq On : 02 Aug 2018 20:50  
 Operator : SJ/JU  
 Sample : J4171-20  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JJ1L3

Manual Integrations  
 APPROVED

Sohil  
 8/3/2018 5:56:08 PM

Quant Time: Aug 03 01:38:39 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM071318MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 03 01:12:01 2018  
 Response via : Initial Calibration



(70) Anthracene-d10 (S)  
 17.551min (-0.094) 19.53ng/ul  
 response 235434

| Ion    | Exp%  | Act% |
|--------|-------|------|
| 188.00 | 100   | 100  |
| 94.00  | 10.10 | 8.17 |
| 80.00  | 9.10  | 8.55 |
| 0.00   | 0.00  | 0.00 |

## Quantitation Report (Qedit)

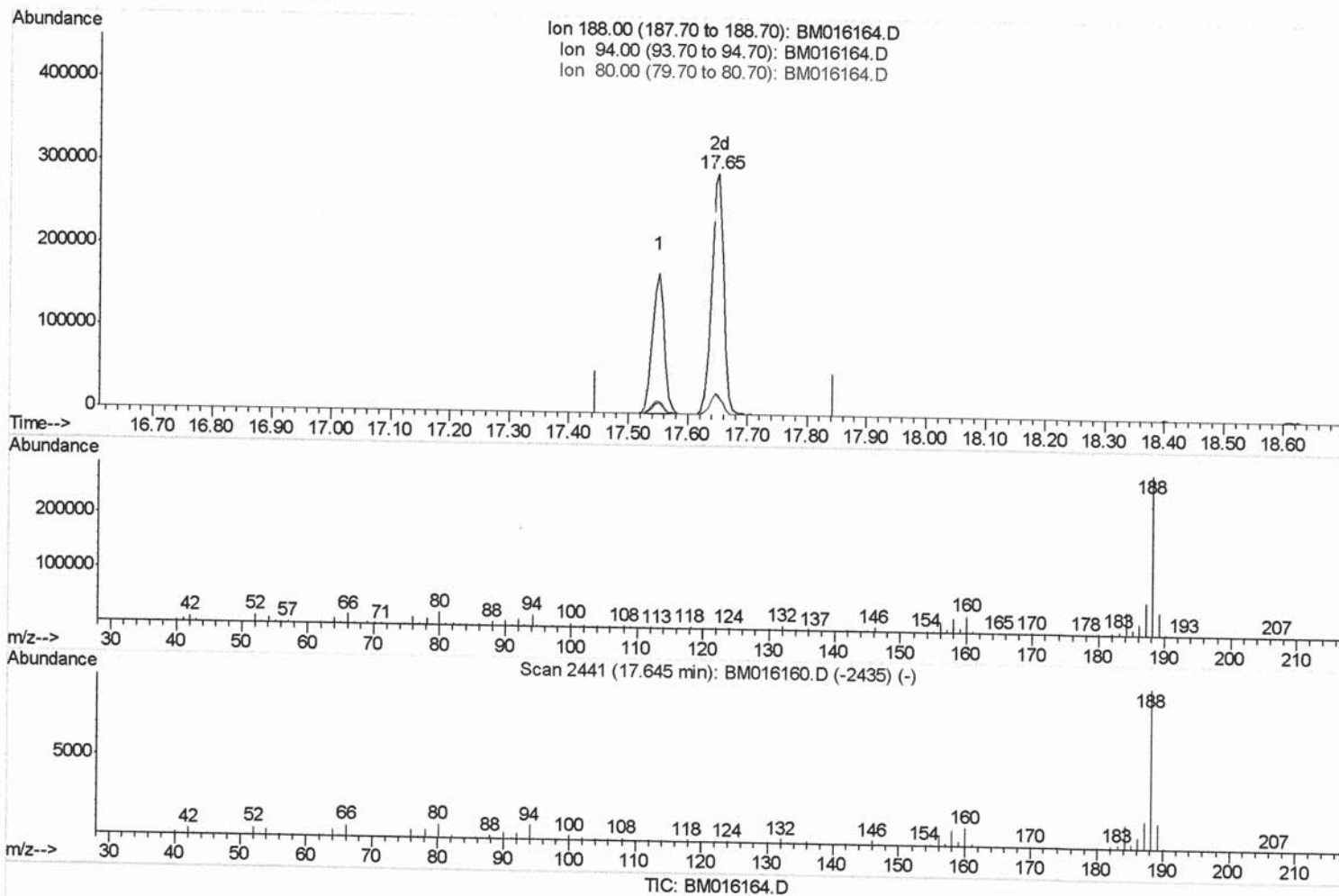
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080218\  
Data File : BM016164.D  
Acq On : 02 Aug 2018 20:50  
Operator : SJ/JU  
Sample : J4171-20  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
JJ1L3

Manual Integrations  
APPROVED

Sohil  
8/3/2018 5:56:08 PM

Quant Time: Aug 03 01:38:39 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM071318MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Aug 03 01:12:01 2018  
Response via : Initial Calibration



(70) Anthracene-d10 (S)

17.651min (+0.006) 33.35ng/ul m

response 401988

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 10.10 | 7.14# |
| 80.00  | 9.10  | 8.22  |
| 0.00   | 0.00  | 0.00  |

5/8/18

## Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080218\  
 Data File : BM016164.D  
 Acq On : 02 Aug 2018 20:50  
 Operator : SJ/JU  
 Sample : J4171-20  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JJ1L3

Manual Integrations  
 APPROVED

Sohil  
 8/3/2018 5:56:08 PM

Quant Time: Aug 03 11:21:23 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM071318MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 03 01:12:01 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.19  | 152  | 59067    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.01 | 136  | 243902   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.82 | 164  | 116016   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.55 | 188  | 235434   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.67 | 240  | 228956   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 24.03 | 264  | 235925   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.45  | 96  | 8127    | 6.06  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.35  | 99  | 152367  | 28.22 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.52  | 67  | 102315  | 30.13 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.72  | 132 | 138360  | 31.56 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.91  | 113 | 123840  | 26.79 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.37  | 128 | 62336   | 35.59 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.10 | 143 | 70621   | 35.47 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.63 | 165 | 119513  | 30.99 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.16 | 131 | 126420  | 26.95 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.22 | 166 | 357277  | 33.78 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.52 | 160 | 420864  | 34.89 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.04 | 143 | 40607m  | 22.16 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.80 | 176 | 283897  | 31.65 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.94 | 200 | 36486   | 23.22 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.65 | 188 | 401988m | 33.35 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.91 | 212 | 415405  | 39.15 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.88 | 264 | 439408  | 33.86 | ng/ul | 0.00 |

SS 8/6/18  
 SS 8/6/18

## Target Compounds

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 6) Phenol                  | 7.37  | 94   | 80678    | 14.885 | ng/ul# | 66     |
| 44) Dimethylphthalate      | 14.27 | 163  | 129218   | 12.339 | ng/ul  | 99     |
| 69) Phenanthrene           | 17.59 | 178  | 61051    | 4.386  | ng/ul  | 98     |
| 76) Fluoranthene           | 19.58 | 202  | 150100   | 8.592  | ng/ul  | 96     |
| 79) Pyrene                 | 19.94 | 202  | 154250   | 11.428 | ng/ul  | 95     |
| 82) Benzo(a)anthracene     | 21.66 | 228  | 66253    | 4.476  | ng/ul  | 96     |
| 84) Chrysene               | 21.71 | 228  | 67092    | 4.845  | ng/ul  | 95     |
| 87) Benzo(b)fluoranthene   | 23.32 | 252  | 88741    | 5.864  | ng/ul  | 93     |
| 88) Benzo(k)fluoranthene   | 23.36 | 252  | 34756    | 2.402  | ng/ul# | 92     |
| 90) Benzo(a)pyrene         | 23.93 | 252  | 70926    | 4.874  | ng/ul  | 96     |
| 91) Indeno(1,2,3-cd)pyrene | 26.43 | 276  | 50998    | 2.850  | ng/ul# | 89     |
| 93) Benzo(g,h,i)perylene   | 27.18 | 276  | 48915    | 3.419  | ng/ul  | 97     |

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