

# Quantitation Report (QT Reviewed)

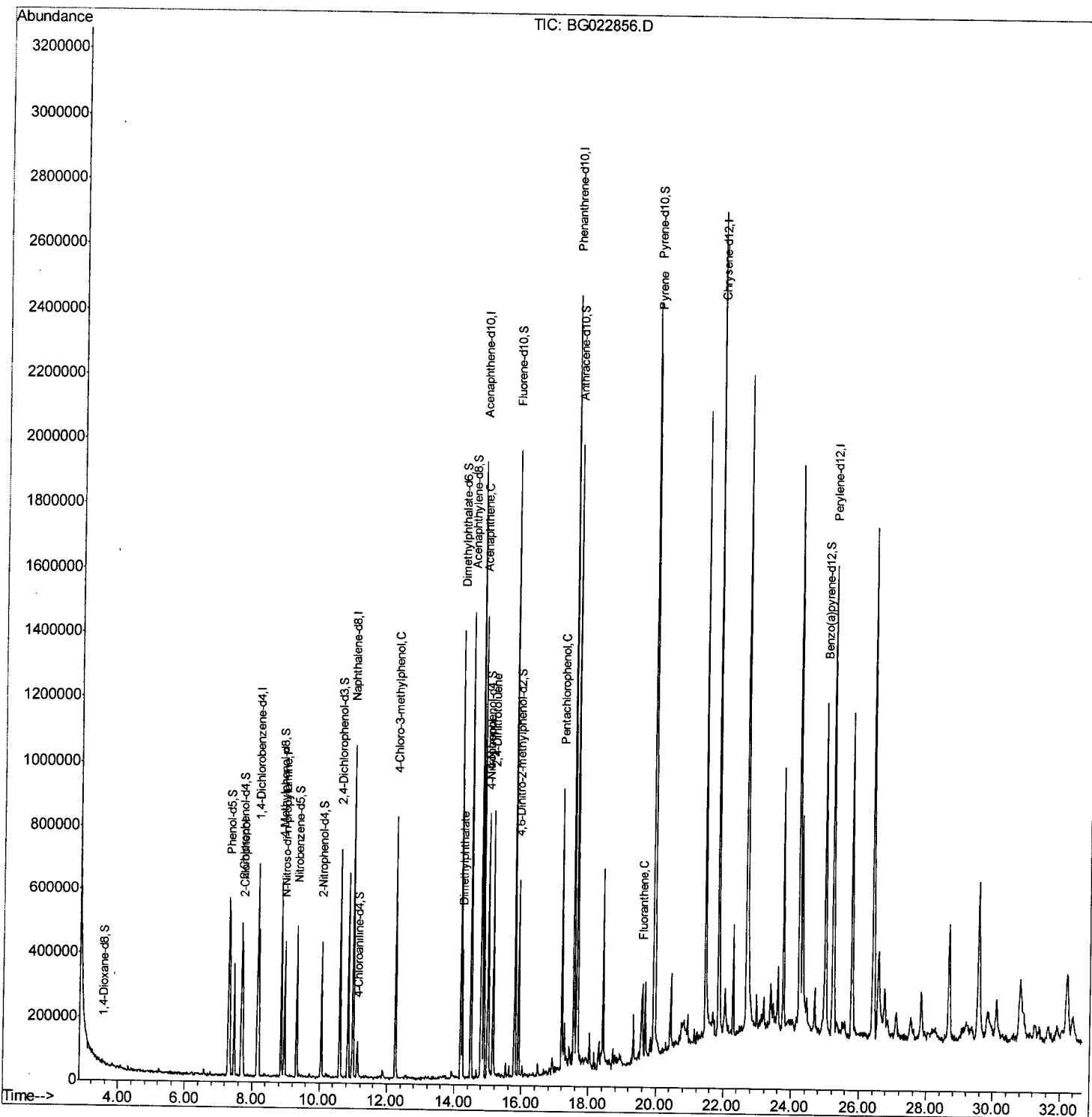
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG070516\  
 Data File : BG022856.D  
 Acq On : 5 Jul 2016 18:45  
 Operator : UM/SJ  
 Sample : H3811-08  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4TV6MSD

Manual Integration

Quant Time: Jul 06 04:22:13 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG063016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 06 03:22:12 2016  
 Response via : Initial Calibration

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# Quantitation Report (Qedit)

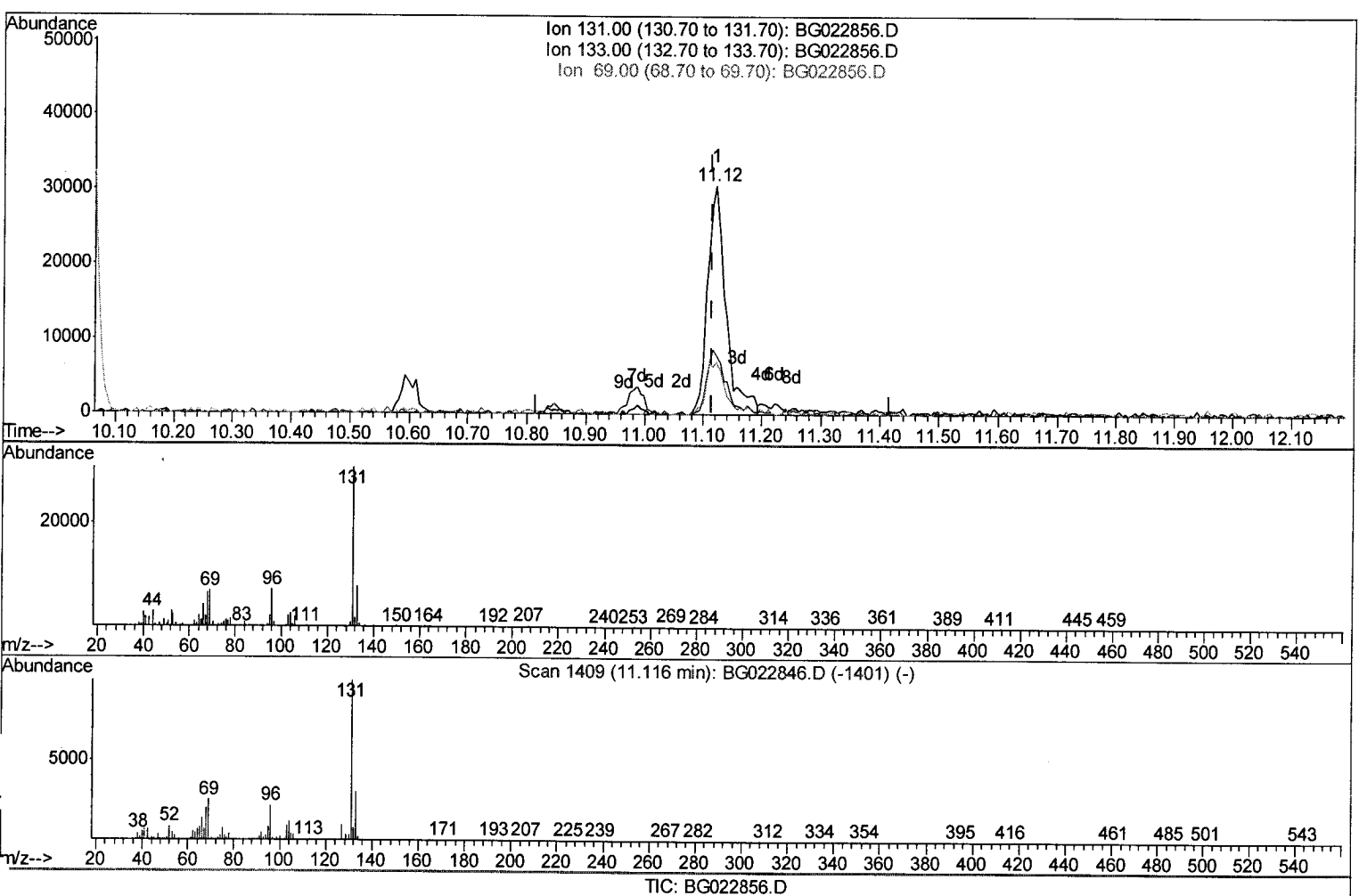
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG070516\  
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Instrument :  
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Manual Integration

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Quant Time: Jul 06 03:24:16 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG063016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 06 03:22:12 2016  
 Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

11.122min (+0.007) 4.74ng/ul m

response 66595

Ion Exp% Act%

131.00 100 100

133.00 33.10 25.99#

69.00 15.40 22.89#

0.00 0.00 0.00

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# Quantitation Report (Qedit)

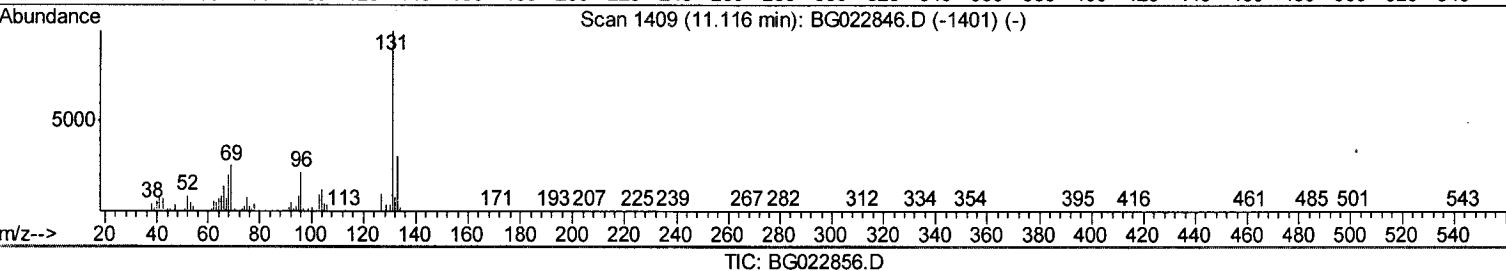
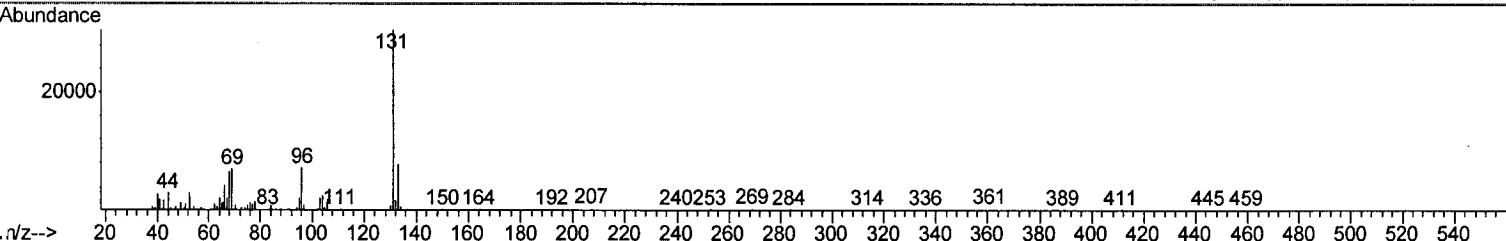
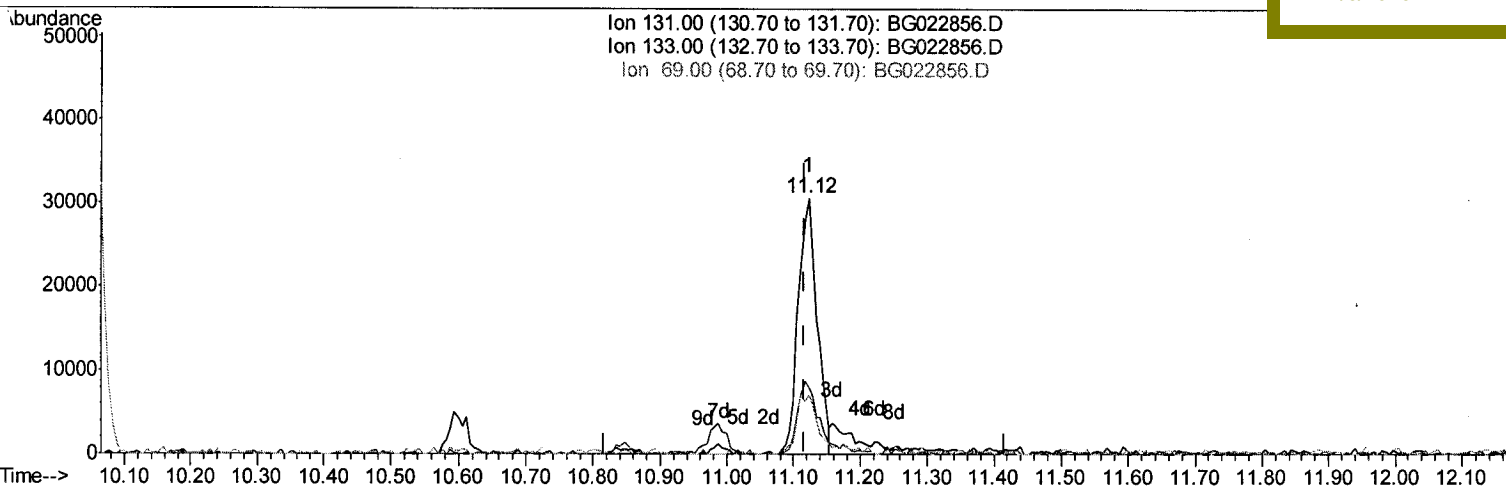
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG070516\  
 Data File : BG022856.D  
 Acq On : 5 Jul 2016 18:45  
 Operator : UM/SJ  
 Sample : H3811-08  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4TV6MSD

Quant Time: Jul 06 03:24:16 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG063016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 06 03:22:12 2016  
 Response via : Initial Calibration

Manual Integration

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(29) 4-Chloroaniline-d4 (S)

11.122min (+0.007) 4.28ng/ul

response 60143

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 131.00 | 100   | 100    |
| 133.00 | 33.10 | 25.99# |
| 69.00  | 15.40 | 22.89# |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

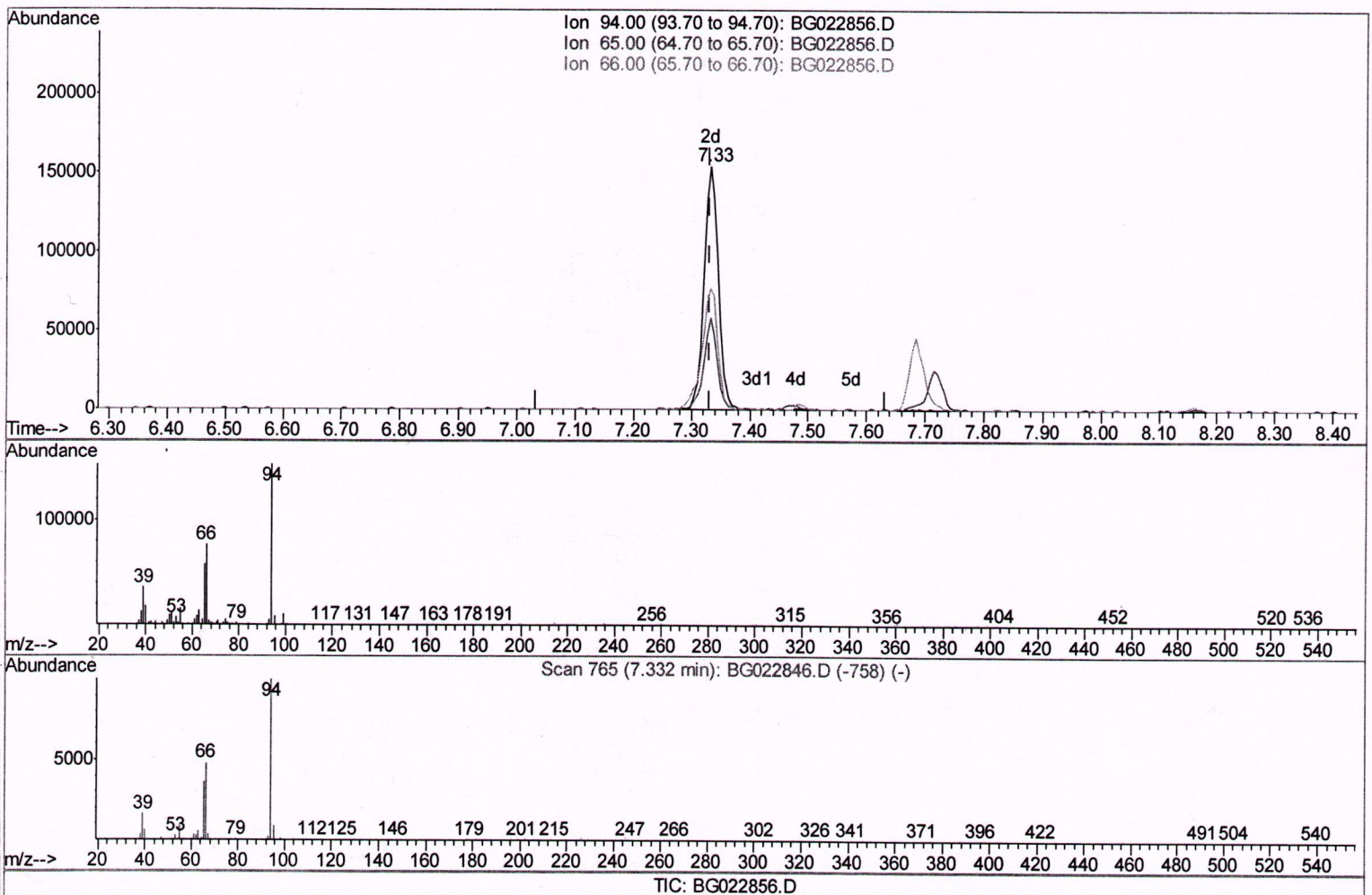
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG070516\  
 Data File : BG022856.D  
 Acq On : 5 Jul 2016 18:45  
 Operator : UM/SJ  
 Sample : H3811-08MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4TV6MSD

Manual Integration

Quant Time: Jul 06 04:22:13 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG063016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 06 03:22:12 2016  
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(6) Phenol

7.333min (+0.001) 14.58ng/ul m

response 268715

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 94.00 | 100   | 100    |
| 65.00 | 21.00 | 37.90# |
| 66.00 | 28.20 | 49.80# |
| 0.00  | 0.00  | 0.00   |

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# Quantitation Report (Qedit)

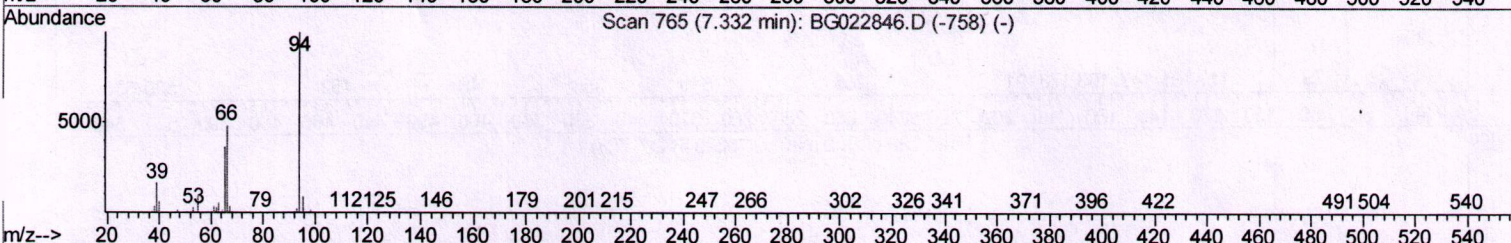
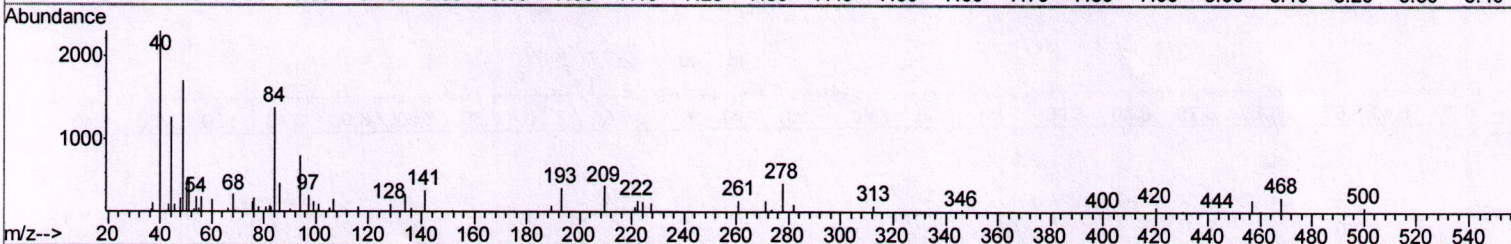
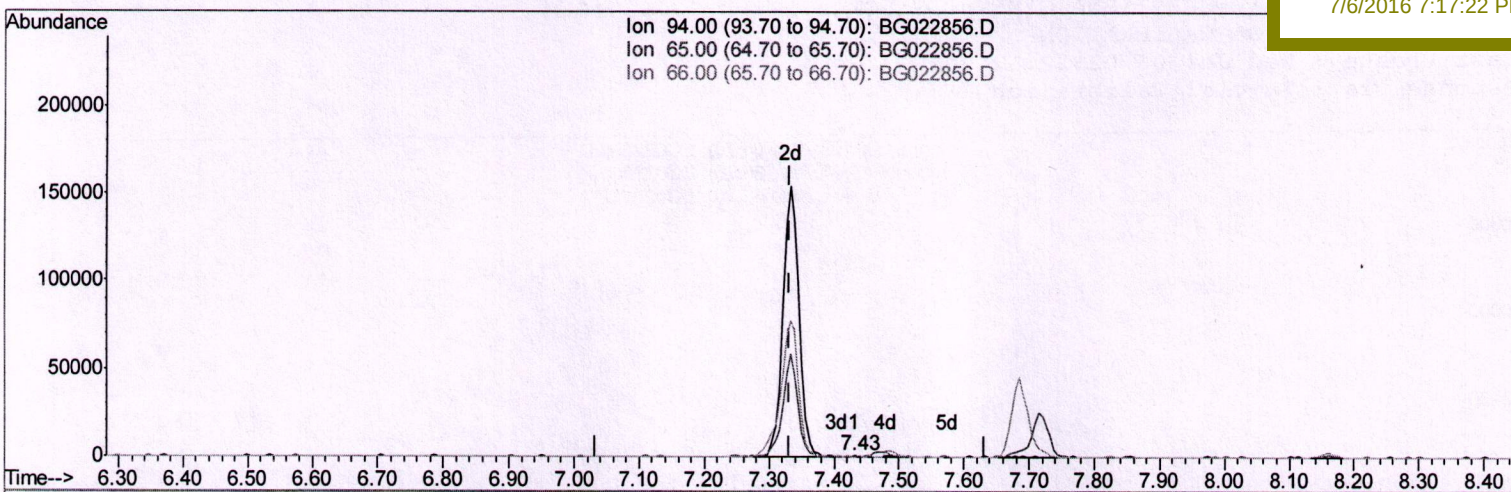
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG070516\  
 Data File : BG022856.D  
 Acq On : 5 Jul 2016 18:45  
 Operator : UM/SJ  
 Sample : H3811-08MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 06 04:22:13 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG063016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 06 03:22:12 2016  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4TV6MSD

Manual Integration

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TIC: BG022856.D

(6) Phenol

7.433min (+0.101) 0.03ng/ul

response 582

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 94.00 | 100   | 100   |
| 65.00 | 21.00 | 19.43 |
| 66.00 | 28.20 | 24.01 |
| 0.00  | 0.00  | 0.00  |

## Quantitation Report (Qedit)

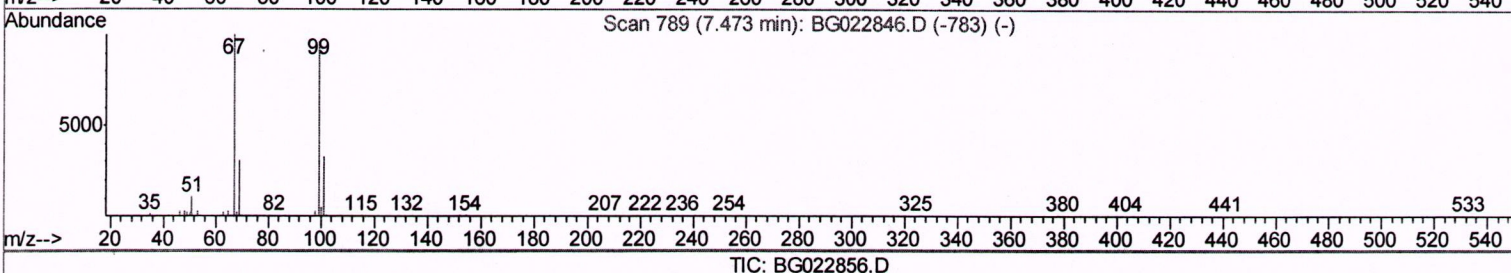
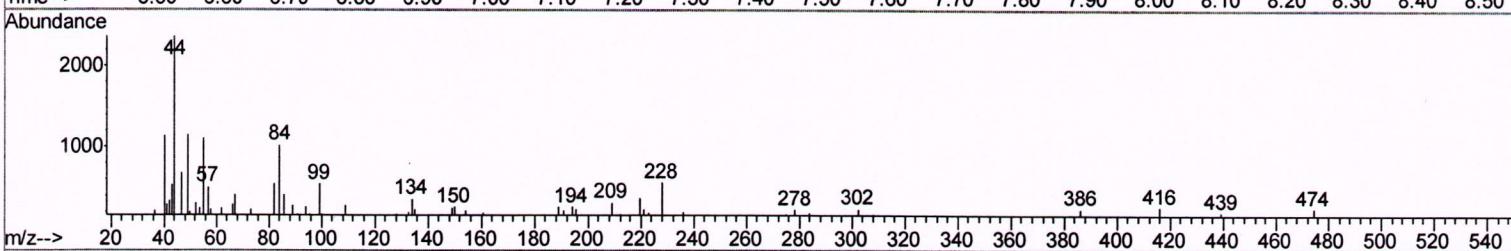
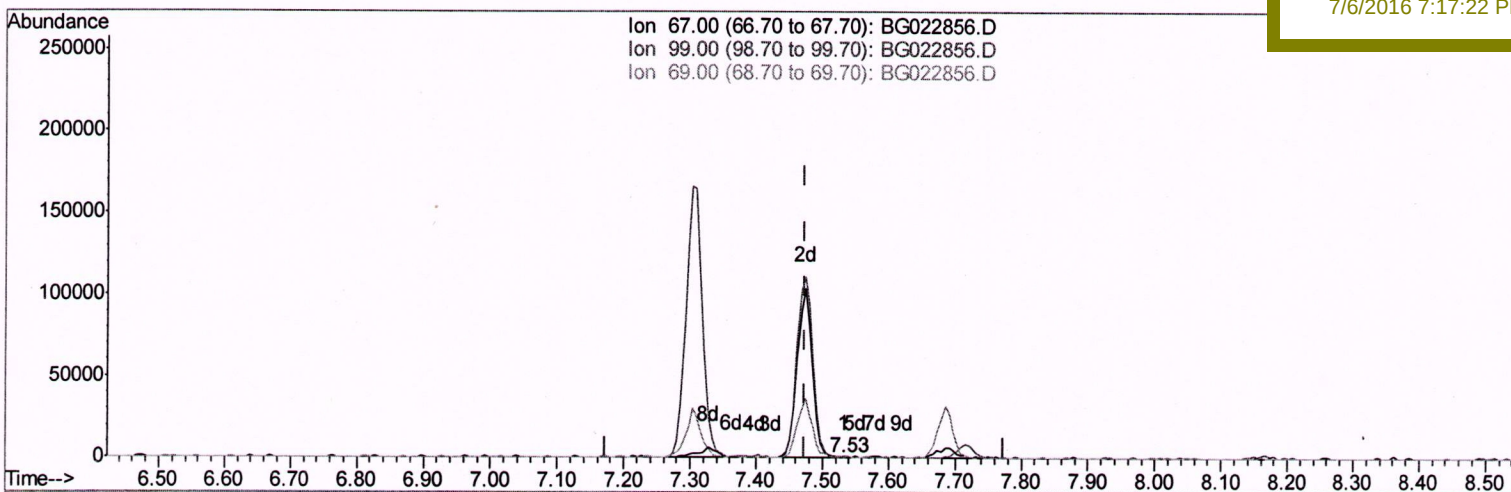
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG070516\  
Data File : BG022856.D  
Acq On : 5 Jul 2016 18:45  
Operator : UM/SJ  
Sample : H3811-08MSD  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 06 04:22:13 2016  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG063016.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jul 06 03:22:12 2016  
Response via : Initial Calibration

Instrument :  
BNA\_G  
ClientSampleId :  
A4TV6MSD

Manual Integration

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(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.533min (+0.059) 0.02ng/ul

response 224

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 67.00 | 100    | 100    |
| 99.00 | 142.10 | 130.92 |
| 69.00 | 34.00  | 38.41  |
| 0.00  | 0.00   | 0.00   |

# Quantitation Report (Qedit)

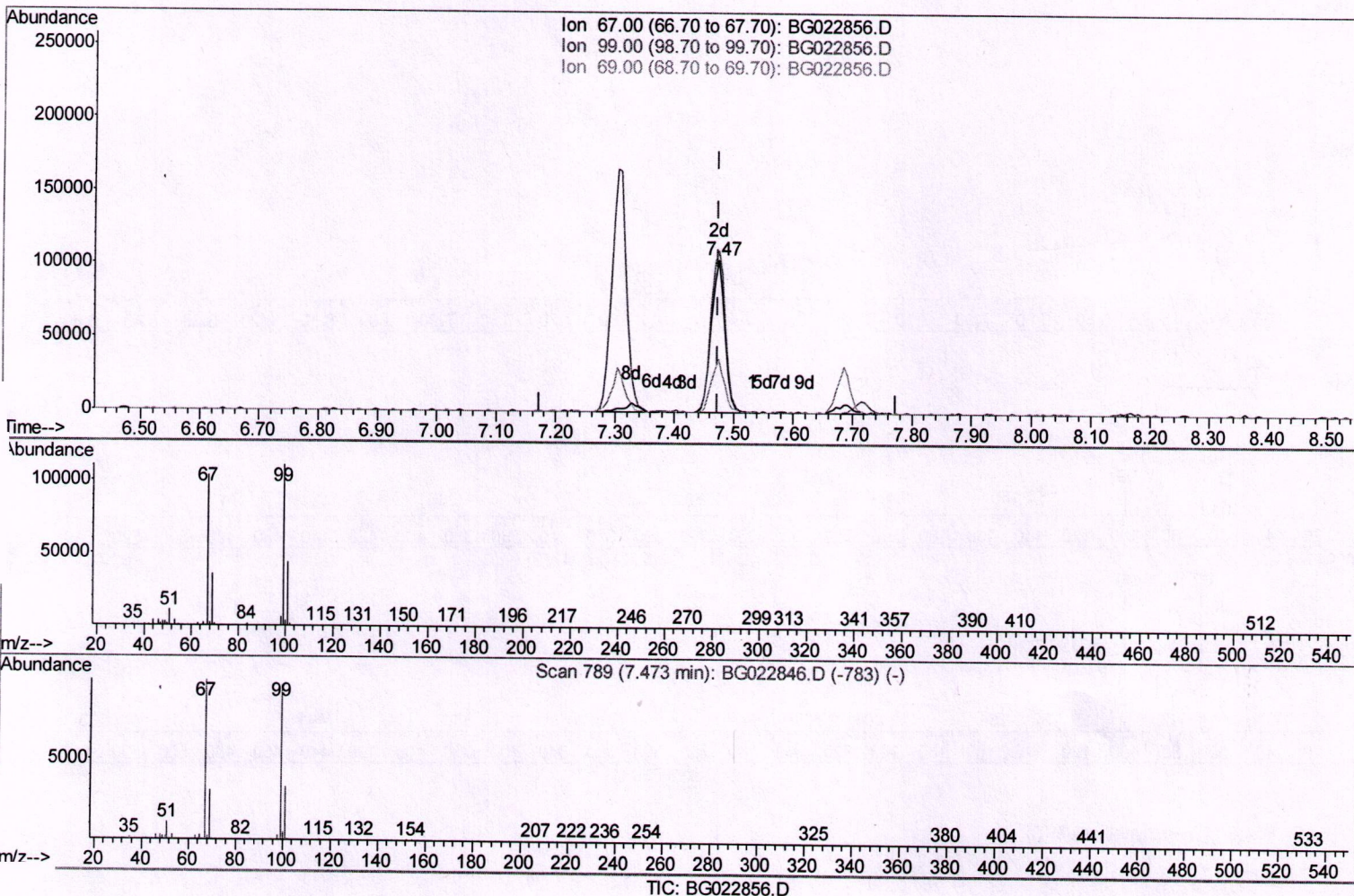
Data Path : Z:\HPCHEM1\BNA\_G\Data\BG070516\  
 Data File : BG022856.D  
 Acq On : 5 Jul 2016 18:45  
 Operator : UM/SJ  
 Sample : H3811-08MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampled :  
 A4TV6MSD

Manual Integration

sohil  
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Quant Time: Jul 06 04:22:13 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG063016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 06 03:22:12 2016  
 Response via : Initial Calibration



(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.474min (+0.001) 16.30ng/ul m

response 165392

| Ion   | Exp%   | Act%    |
|-------|--------|---------|
| 67.00 | 100    | 100     |
| 99.00 | 142.10 | 106.31# |
| 69.00 | 34.00  | 34.37   |
| 0.00  | 0.00   | 0.00    |

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 07/11/2016

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG070516\  
 Data File : BG022856.D  
 Acq On : 5 Jul 2016 18:45  
 Operator : UM/SJ  
 Sample : H3811-08MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4TV6MSD

Manual Integration

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Quant Time: Jul 14 11:57:11 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG063016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 06 03:22:12 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.16  | 152  | 171114   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.98 | 136  | 824331   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.80 | 164  | 659295   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.55 | 188  | 1444630  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.85 | 240  | 1555467  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.22 | 264  | 1593500  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.54  | 96  | 3617    | 1.18  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.30  | 99  | 287642  | 15.98 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.47  | 67  | 165392m | 16.30 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.69  | 132 | 184751  | 15.37 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.86  | 113 | 217799  | 15.58 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.33  | 128 | 104931  | 15.96 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.06 | 143 | 122333  | 15.43 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.60 | 165 | 246183  | 14.85 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.12 | 131 | 66595m  | 4.74  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.20 | 166 | 849259  | 15.86 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.49 | 160 | 1002205 | 16.33 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.99 | 143 | 115452  | 13.73 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.79 | 176 | 812241  | 16.01 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.90 | 200 | 141678  | 15.25 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.65 | 188 | 1073410 | 15.99 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.93 | 212 | 1293881 | 17.41 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.99 | 264 | 1221832 | 16.14 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |       |        | Qvalue |
|--------------------------------|-------|-----|---------|-------|--------|--------|
| 6) Phenol                      | 7.33  | 94  | 268715m | 14.58 | ng/ul  |        |
| 10) 2-Chlorophenol             | 7.72  | 128 | 160220  | 13.10 | ng/ul# | 87     |
| 15) N-Nitroso-di-n-propylamine | 8.96  | 70  | 180876  | 13.33 | ng/ul# | 85     |
| 33) 4-Chloro-3-methylphenol    | 12.25 | 107 | 281104  | 13.34 | ng/ul# | 81     |
| 44) Dimethylphthalate          | 14.24 | 163 | 240191  | 4.39  | ng/ul# | 95     |
| 49) Acenaphthene               | 14.87 | 153 | 578692  | 13.78 | ng/ul  | 99     |
| 52) 4-Nitrophenol              | 15.01 | 109 | 119043  | 11.13 | ng/ul# | 62     |
| 54) 2,4-Dinitrotoluene         | 15.15 | 165 | 229418  | 13.40 | ng/ul# | 76     |
| 68) Pentachlorophenol          | 17.20 | 266 | 167728  | 14.26 | ng/ul  | 91     |
| 74) Fluoranthene               | 19.60 | 202 | 87762   | 1.14  | ng/ul# | 79     |
| 77) Pyrene                     | 19.96 | 202 | 1304214 | 14.98 | ng/ul# | 85     |

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