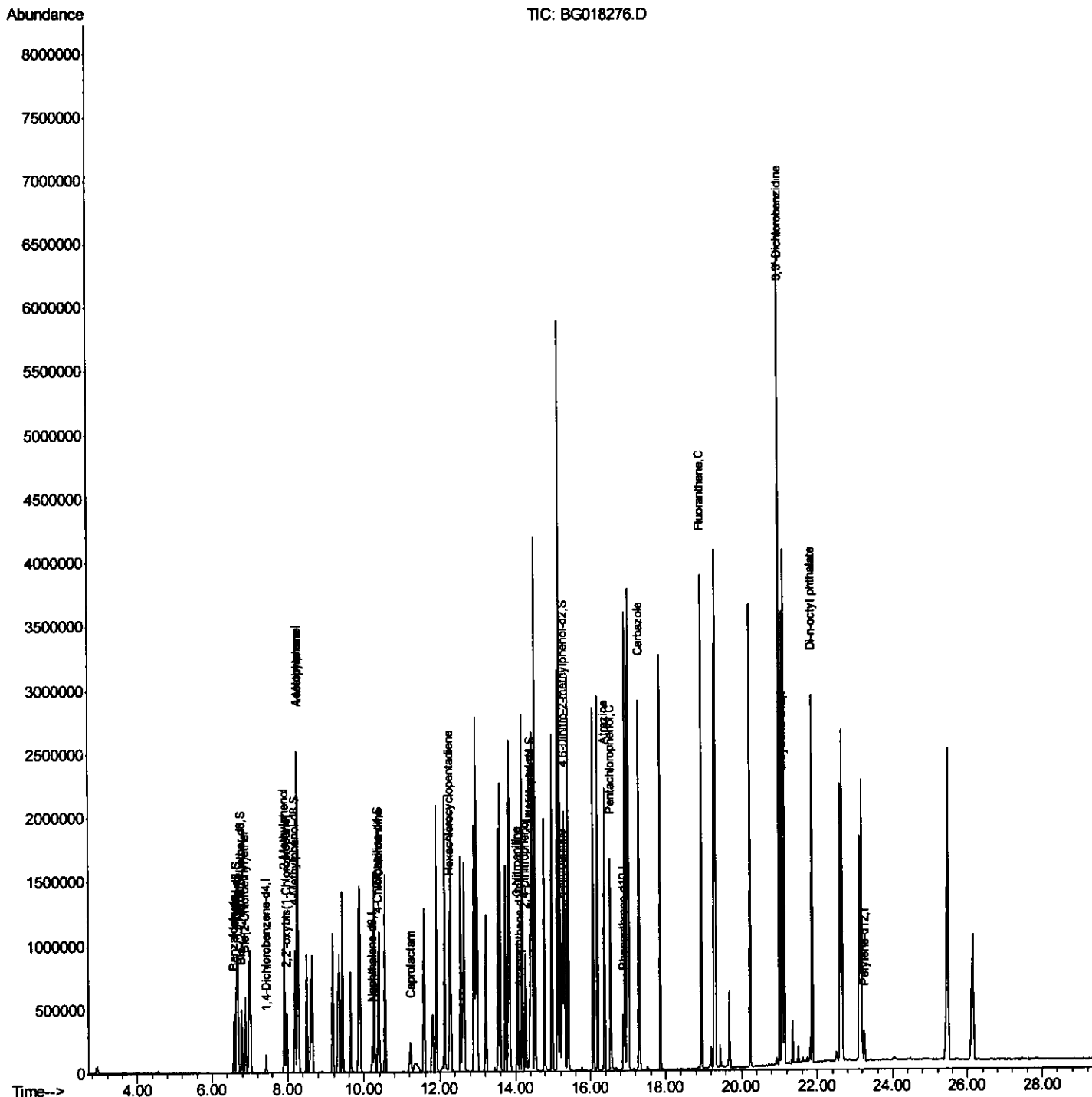


(QT Reviewed)

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG080515\  
Data File : BG018276.D  
Acq On : 5 Aug 2015 18:31  
Operator : UM/TP  
Sample : SSTD16064  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

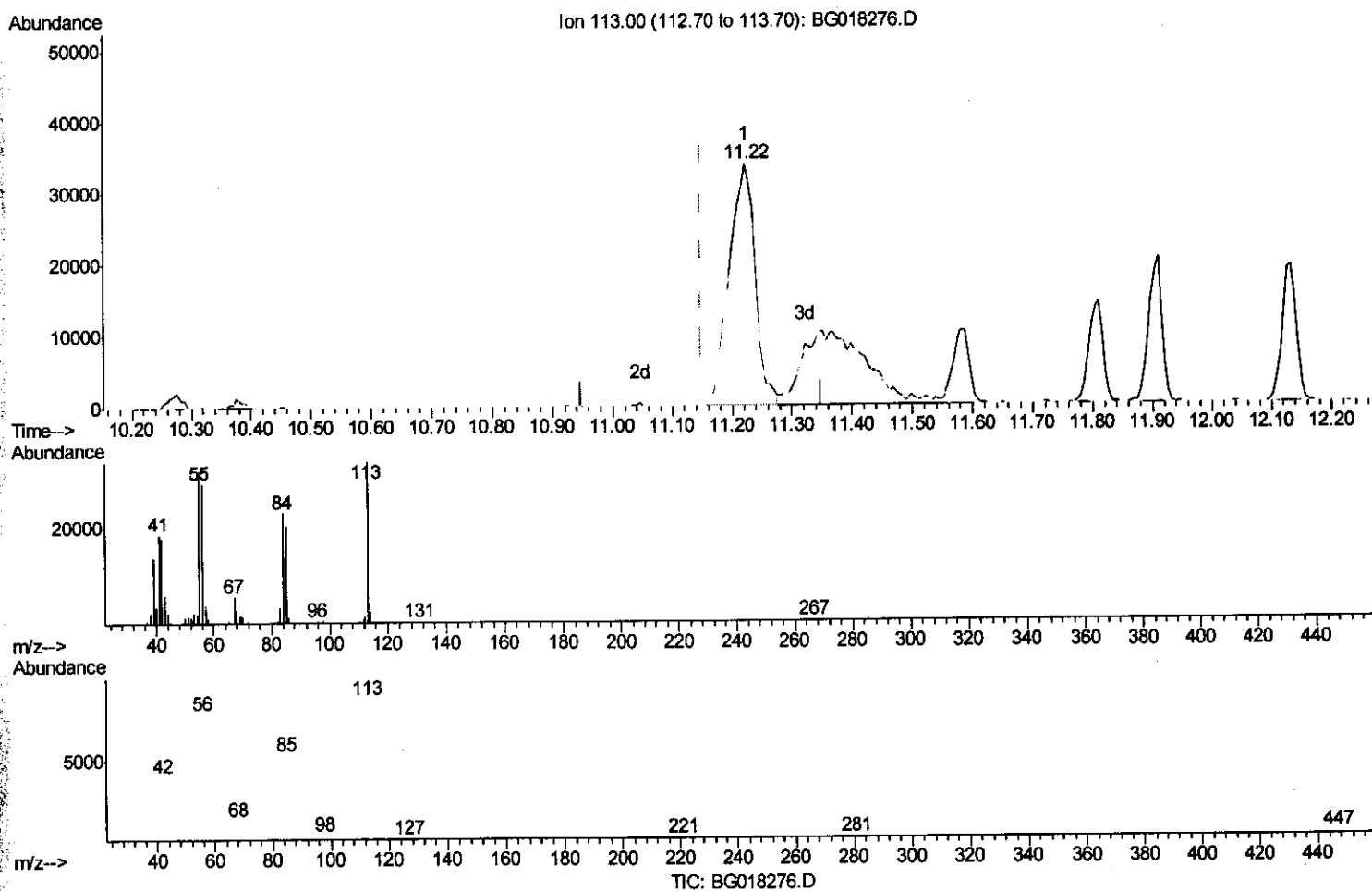
Quant Time: Aug 06 02:12:53 2015  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080515.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Aug 06 01:36:46 2015  
Response via : Initial Calibration



## Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG080515\  
Data File : BG018276.D  
Acq On : 5 Aug 2015 18:31  
Operator : UM/TP  
Sample : SSTD16064  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 06 02:03:07 2015  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080515.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Aug 06 01:36:46 2015  
Response via : Initial Calibration



(32) Caprolactam

11.222min (+0.074) 90.47ng/ul

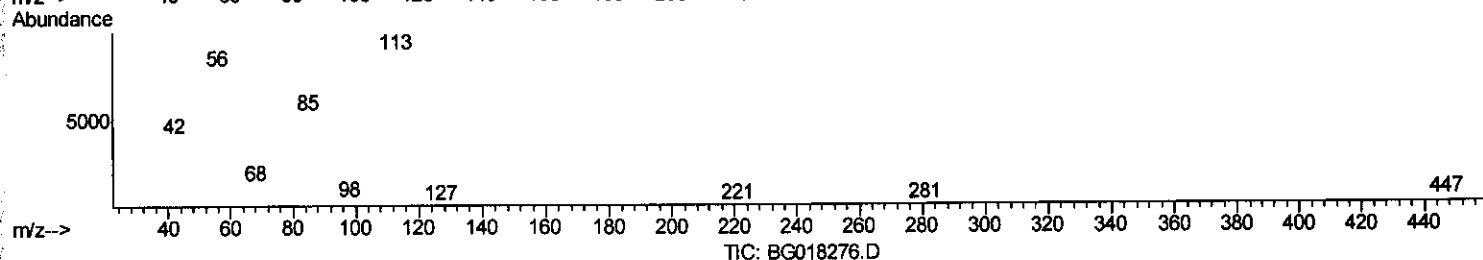
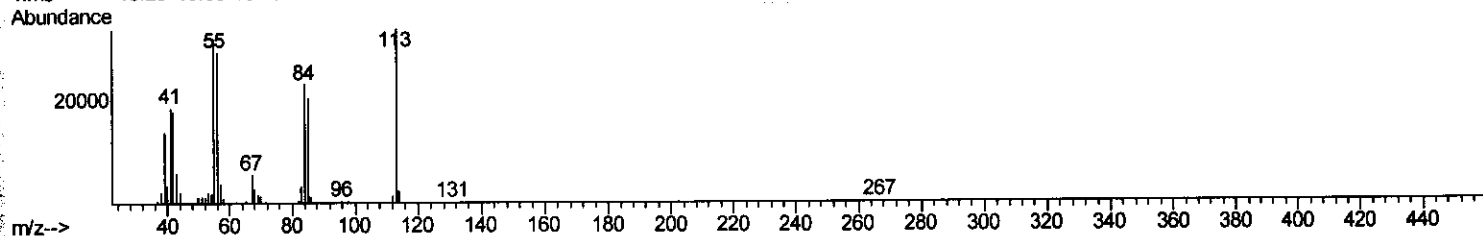
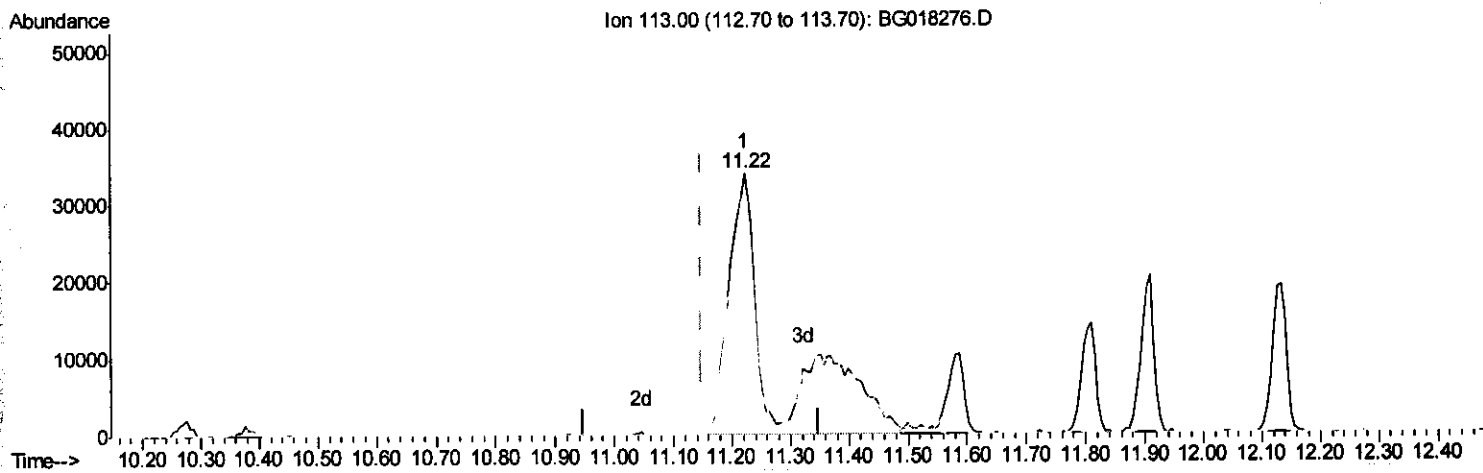
response 100968

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 113.00 | 100   | 100    |
| 55.00  | 71.40 | 94.83# |
| 56.00  | 78.00 | 86.10  |
| 0.00   | 0.00  | 0.00   |

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG080515\  
 Data File : BG018276.D  
 Acq On : 5 Aug 2015 18:31  
 Operator : UM/TP  
 Sample : SSTD16064  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 06 02:03:07 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080515.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 06 01:36:46 2015  
 Response via : Initial Calibration



(32) Caprolactam

11.222min (+0.074) 156.74ng/ul m

response 174916

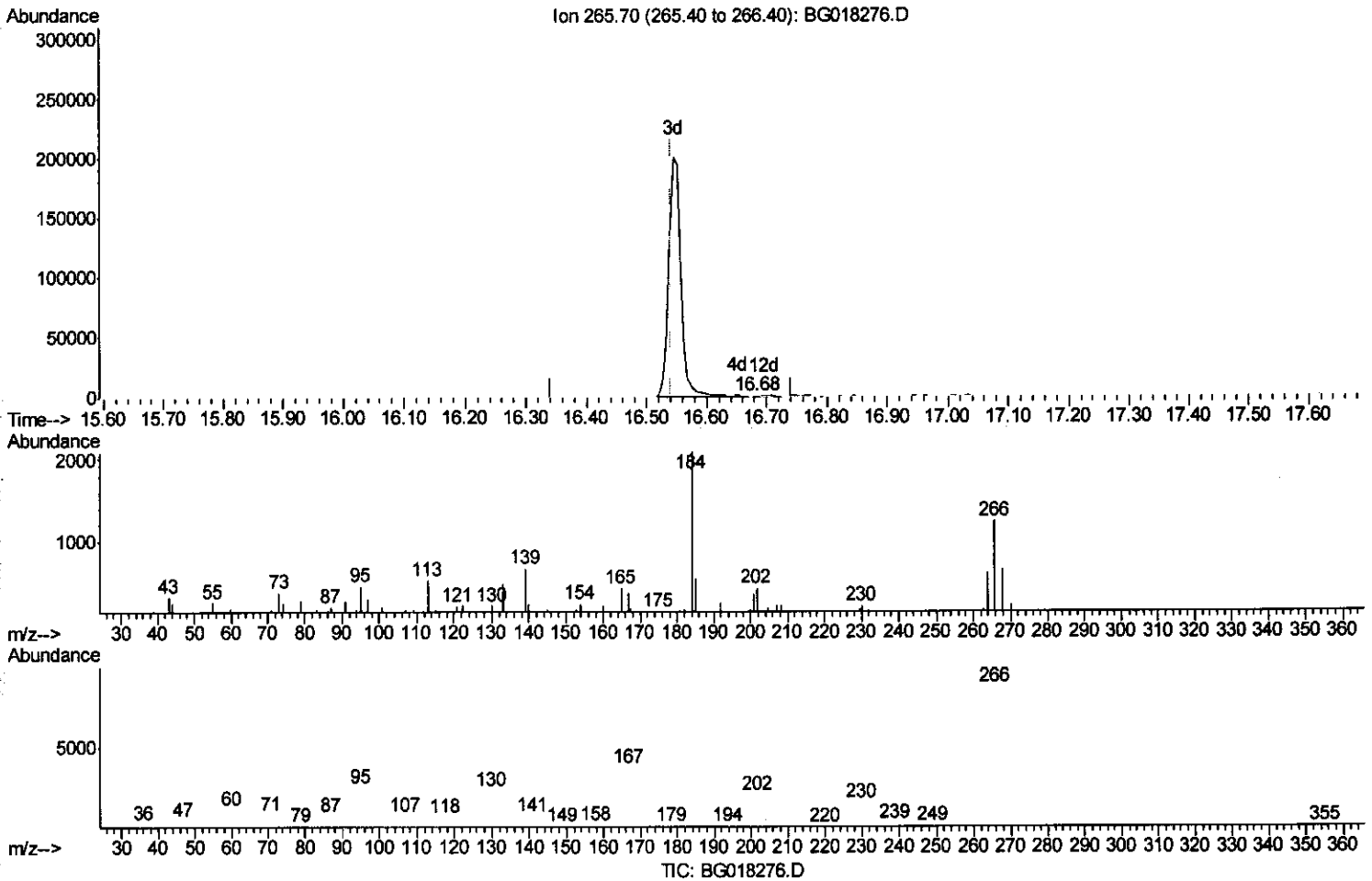
| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 113.00 | 100   | 100    |
| 55.00  | 71.40 | 94.83# |
| 56.00  | 78.00 | 86.10  |
| 0.00   | 0.00  | 0.00   |

T.P  
8/8/15

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG080515\  
 Data File : BG018276.D  
 Acq On : 5 Aug 2015 18:31  
 Operator : UM/TP  
 Sample : SSTD16064  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 06 02:03:07 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080515.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 06 01:36:46 2015  
 Response via : Initial Calibration



(69) Pentachlorophenol (C)

16.680min (+0.139) 0.21ng/ul

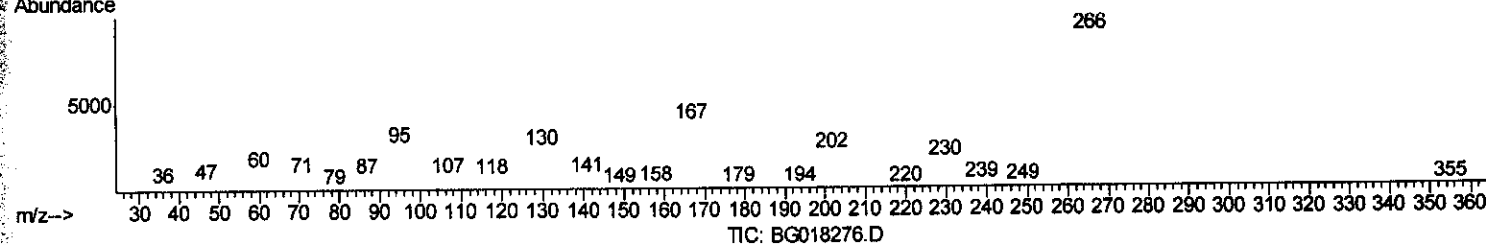
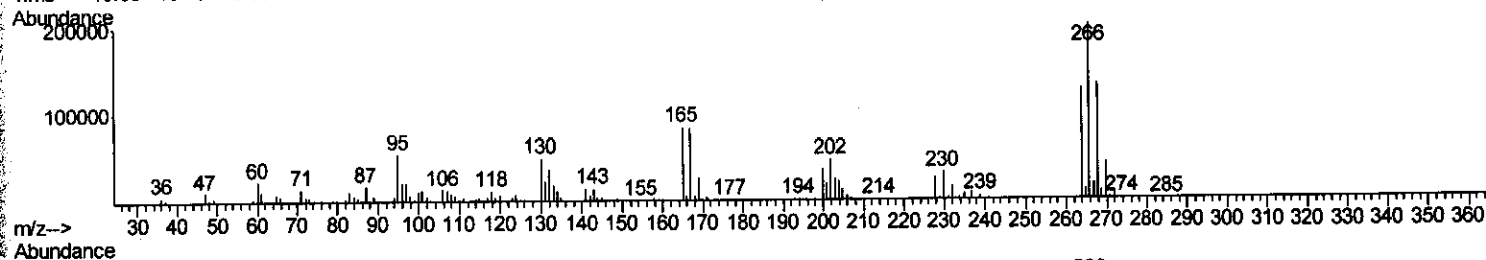
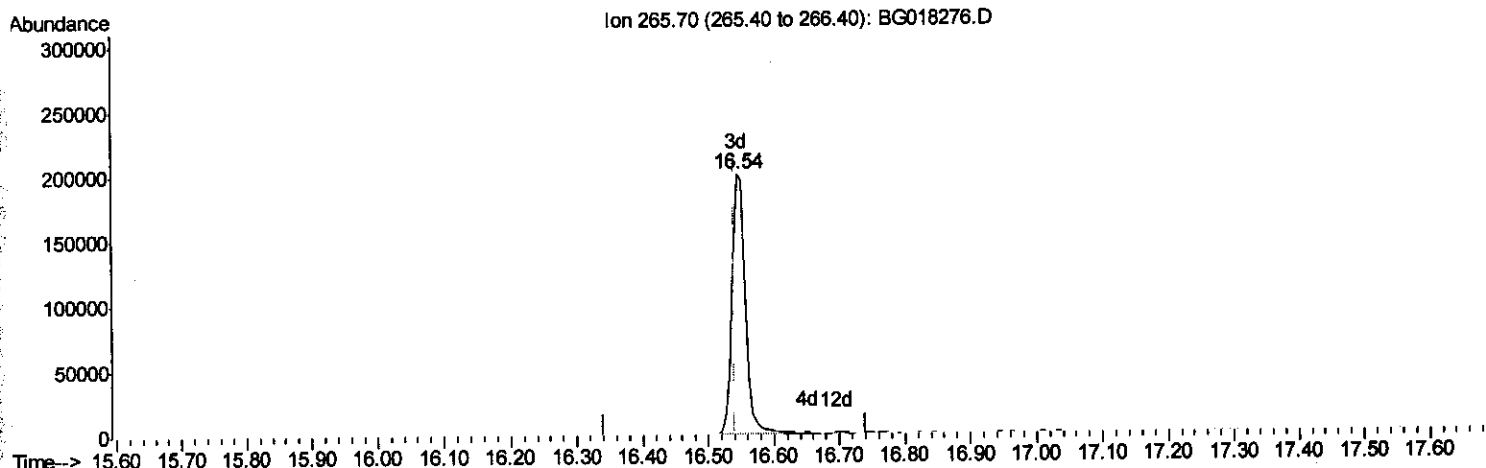
response 373

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 265.70 | 100   | 100   |
| 264.00 | 51.90 | 50.32 |
| 268.00 | 57.20 | 52.83 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG080515\  
 Data File : BG018276.D  
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 Operator : UM/TP  
 Sample : SSTD16064  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 06 02:03:07 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080515.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 06 01:36:46 2015  
 Response via : Initial Calibration



(69) Pentachlorophenol (C)

16.545min (+0.004) 153.88ng/ul m

response 279498

| ion    | Exp%  | Act%   |
|--------|-------|--------|
| 265.70 | 100   | 100    |
| 264.00 | 51.90 | 63.38# |
| 268.00 | 57.20 | 65.56  |
| 0.00   | 0.00  | 0.00   |

T.P  
8/8/15

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG080515\  
 Data File : BG018276.D  
 Acq On : 5 Aug 2015 18:31  
 Operator : UM/TP  
 Sample : SSTD16064  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 06 02:12:53 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080515.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 06 01:36:46 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.43  | 152  | 35799    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.22 | 136  | 163034   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.12 | 164  | 110278   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.88 | 188  | 274930   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.10 | 240  | 239038   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.25 | 264  | 162722   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |        |       |      |
|--------------------------------|-------|-----|--------|--------|-------|------|
| 3) 1,4-Dioxane-d8              | 0.00  | 96  | 0d     | 0.00   | ng/uL |      |
| 5) Phenol-d5                   | 6.66  | 99  | 460121 | 147.27 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.79  | 67  | 213152 | 135.13 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 0.00  | 132 | 0d     | 0.00   | ng/ul |      |
| 13) 4-Methylphenol-d8          | 8.20  | 113 | 381168 | 149.53 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5            | 0.00  | 128 | 0d     | 0.00   | ng/ul |      |
| 22) 2-Nitrophenol-d4           | 0.00  | 143 | 0d     | 0.00   | ng/ul |      |
| 26) 2,4-Dichlorophenol-d3      | 0.00  | 165 | 0d     | 0.00   | ng/ul |      |
| 29) 4-Chloroaniline-d4         | 10.38 | 131 | 416860 | 128.43 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 0.00  | 166 | 0d     | 0.00   | ng/ul |      |
| 47) Acenaphthylene-d8          | 0.00  | 160 | 0d     | 0.00   | ng/ul |      |
| 52) 4-Nitrophenol-d4           | 14.41 | 143 | 248094 | 162.93 | ng/ul | 0.03 |
| 58) Fluorene-d10               | 0.00  | 176 | 0d     | 0.00   | ng/ul |      |
| 63) 4,6-Dinitro-2-methylphenol | 15.30 | 200 | 319759 | 167.35 | ng/ul | 0.03 |
| 71) Anthracene-d10             | 0.00  | 188 | 0d     | 0.00   | ng/ul |      |
| 79) Pyrene-d10                 | 0.00  | 212 | 0d     | 0.00   | ng/ul |      |
| 90) Benzo(a)pyrene-d12         | 0.00  | 264 | 0d     | 0.00   | ng/ul |      |

## Target Compounds

|                                |       |     |         |        |        | Qvalue |
|--------------------------------|-------|-----|---------|--------|--------|--------|
| 4) Benzaldehyde                | 6.58  | 77  | 146590  | 88.27  | ng/ul  | 91     |
| 6) Phenol                      | 6.69  | 94  | 455479  | 143.32 | ng/ul  | 95     |
| 8) Bis(2-Chloroethyl)ether     | 6.88  | 93  | 313276  | 136.74 | ng/ul  | 97     |
| 11) 2-Methylphenol             | 7.91  | 108 | 370983  | 147.86 | ng/ul  | 95     |
| 12) 2,2'-oxybis(1-Chloropropan | 7.98  | 45  | 246823  | 125.21 | ng/ul  | 95     |
| 14) Acetophenone               | 8.27  | 105 | 598602  | 149.40 | ng/ul  | 87     |
| 16) 4-Methylphenol             | 8.27  | 108 | 410040  | 148.04 | ng/ul  | 95     |
| 30) 4-Chloroaniline            | 10.40 | 127 | 426199  | 131.60 | ng/ul  | 98     |
| 32) Caprolactam                | 11.22 | 113 | 174916m | 156.74 | ng/ul  |        |
| 38) Hexachlorocyclopentadiene  | 12.26 | 237 | 334581  | 213.39 | ng/ul  | 95     |
| 49) 3-Nitroaniline             | 14.07 | 138 | 270169  | 157.92 | ng/ul  | 87     |
| 51) 2,4-Dinitrophenol          | 14.28 | 184 | 220439  | 192.94 | ng/ul# | 86     |
| 53) 4-Nitrophenol              | 14.42 | 109 | 294444  | 187.51 | ng/ul  | 98     |
| 61) 4-Nitroaniline             | 15.26 | 138 | 307025  | 162.50 | ng/ul  | 98     |
| 64) 4,6-Dinitro-2-methylphenol | 15.31 | 198 | 326979  | 164.47 | ng/ul  | 99     |
| 68) Atrazine                   | 16.39 | 200 | 502935  | 160.54 | ng/ul  | 97     |
| 69) Pentachlorophenol          | 16.54 | 266 | 279498m | 153.88 | ng/ul  |        |
| 75) Carbazole                  | 17.30 | 167 | 1701588 | 149.48 | ng/ul# | 91     |
| 77) Fluoranthene               | 18.96 | 202 | 2123669 | 140.40 | ng/ul# | 95     |
| 82) 3,3'-Dichlorobenzidine     | 21.02 | 252 | 841449  | 167.07 | ng/ul# | 93     |
| 87) Di-n-octyl phthalate       | 21.87 | 149 | 1641050 | 183.66 | ng/ul  | 100    |

T.P.  
8/8/15

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Misc :  
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 06 02:12:53 2015  
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Response via : Initial Calibration

| Internal Standards                                                   | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |