

# Quantitation Report (Qedit)

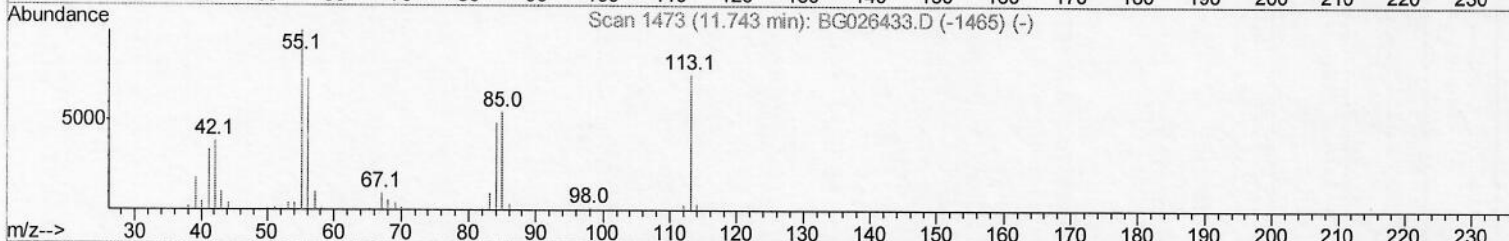
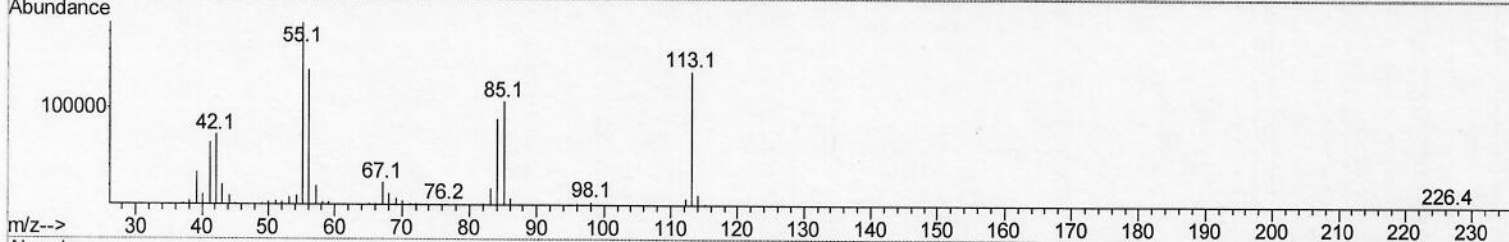
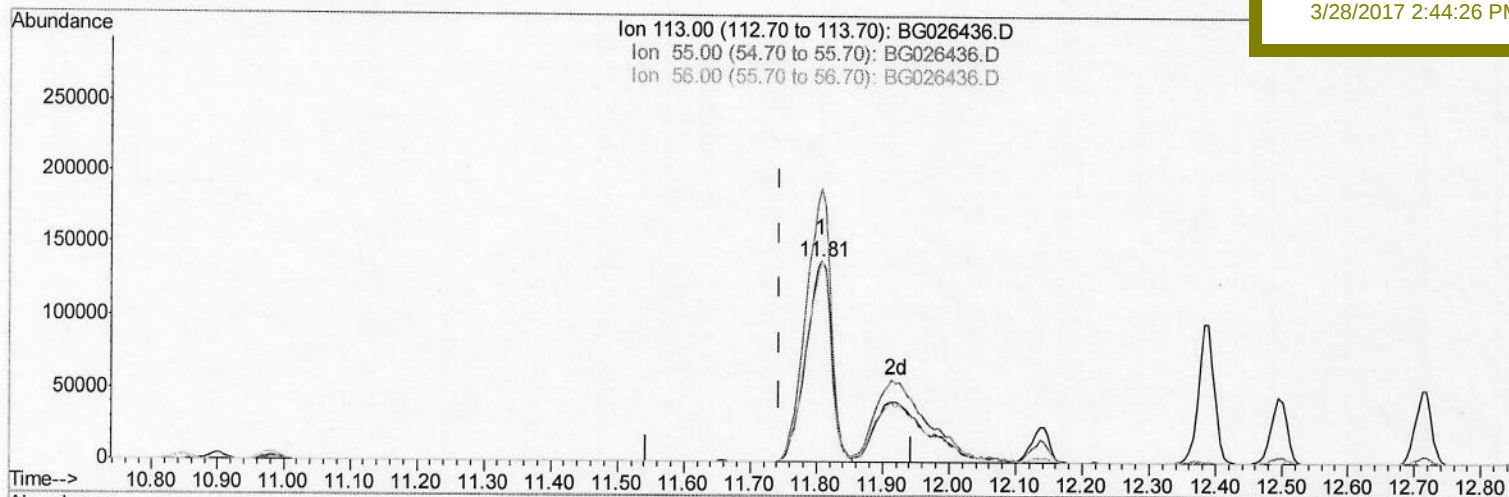
Data Path : Z:\HPCHEM1\BNA G\DATA\BG032717\  
 Data File : BG026436.D  
 Acq On : 27 Mar 2017 16:34  
 Operator : SJ/MA  
 Sample : SSTD16006  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 27 17:11:35 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG032717MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Mar 27 15:45:10 2017  
 Response via : Initial Calibration

Instrument :  
 BNA\_G  
 Client Sampled :  
 SSTD16006

Manual Integrations  
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TIC: BG026436.D

(32) Caprolactam

11.807min (+0.064) 115.93ng/ul

response 371494

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100    | 100    |
| 55.00  | 127.40 | 136.15 |
| 56.00  | 101.50 | 100.37 |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

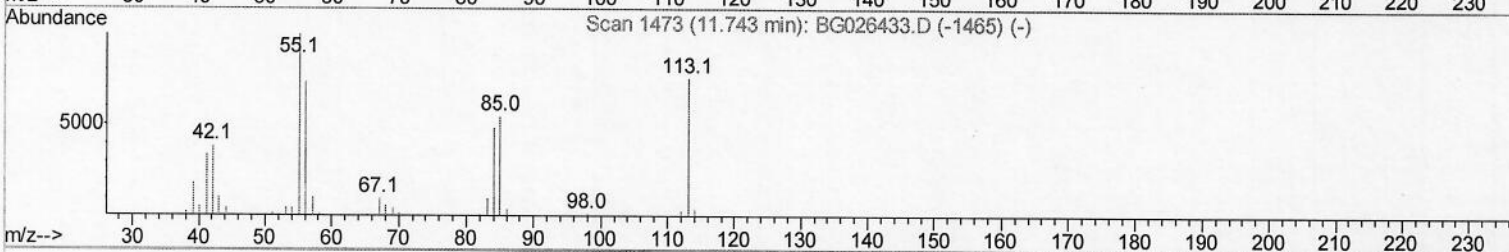
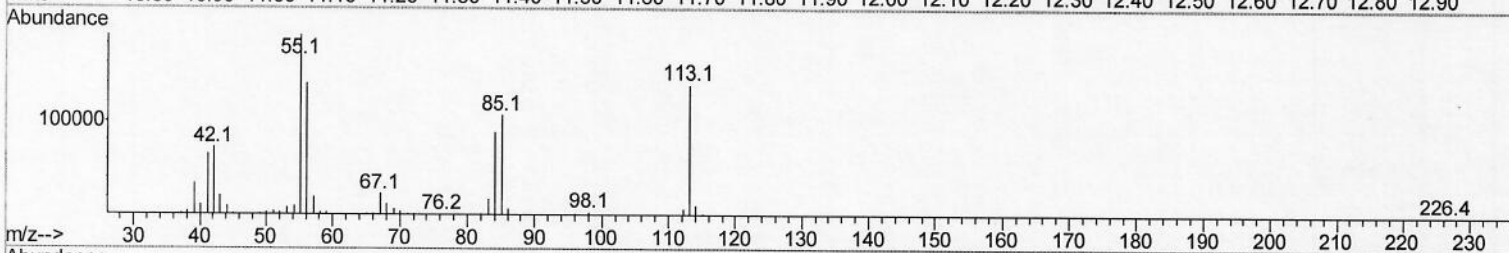
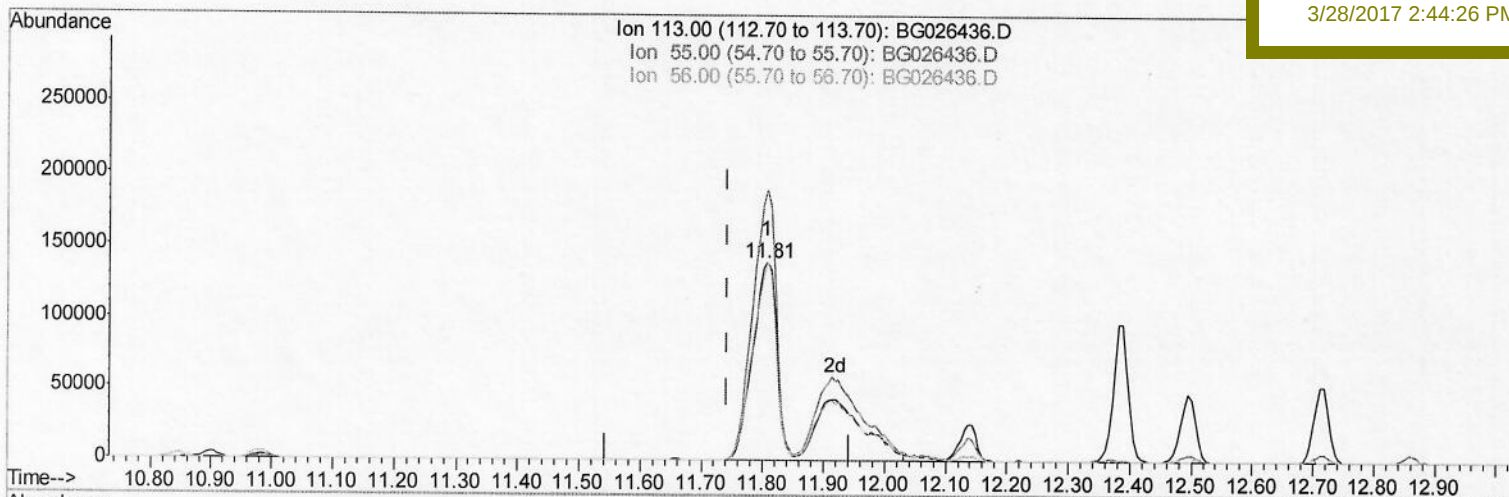
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 BNA\_G  
**ClientSampleId :**  
 SSTD16006

**Manual Integrations**  
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TIC: BG026436.D

(32) Caprolactam

11.807min (+0.064) 188.86ng/ul m

response 605168

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 113.00 | 100    | 100    |
| 55.00  | 127.40 | 136.15 |
| 56.00  | 101.50 | 100.37 |
| 0.00   | 0.00   | 0.00   |

*S.J*  
*03/28/2017*

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Manual Integrations  
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| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev (Min) |
|---------------------------|-------|------|----------|-------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.05  | 152  | 165914   | 20.00 | ng/ul | 0.00      |
| 18) Naphthalene-d8        | 10.85 | 136  | 685994   | 20.00 | ng/ul | 0.00      |
| 35) Acenaphthene-d10      | 14.65 | 164  | 398462   | 20.00 | ng/ul | 0.00      |
| 61) Phenanthrene-d10      | 17.39 | 188  | 911516   | 20.00 | ng/ul | 0.01      |
| 77) Chrysene-d12          | 21.64 | 240  | 982862   | 20.00 | ng/ul | 0.01      |
| 85) Perylene-d12          | 24.82 | 264  | 996122   | 20.00 | ng/ul | 0.02      |

## System Monitoring Compounds

|                                |       |     |         |        |       |      |
|--------------------------------|-------|-----|---------|--------|-------|------|
| 3) 1,4-Dioxane-d8              | 0.00  | 96  | 0d      | 0.00   | ng/uL |      |
| 5) Phenol-d5                   | 7.22  | 99  | 1898474 | 153.89 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.37  | 67  | 1057246 | 135.79 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 0.00  | 132 | 0d      | 0.00   | ng/ul |      |
| 13) 4-Methylphenol-d8          | 8.76  | 113 | 1561943 | 162.04 | 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         | 10.98 | 131 | 1534536 | 123.51 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 0.00  | 166 | 0d      | 0.00   | ng/ul |      |
| 46) Acenaphthylene-d8          | 0.00  | 160 | 0d      | 0.00   | ng/ul |      |
| 51) 4-Nitrophenol-d4           | 14.87 | 143 | 995756  | 195.09 | ng/ul | 0.03 |
| 57) Fluorene-d10               | 0.00  | 176 | 0d      | 0.00   | ng/ul |      |
| 62) 4,6-Dinitro-2-methylphenol | 15.77 | 200 | 997837  | 233.31 | ng/ul | 0.02 |
| 70) Anthracene-d10             | 0.00  | 188 | 0d      | 0.00   | ng/ul |      |
| 78) Pyrene-d10                 | 0.00  | 212 | 0d      | 0.00   | ng/ul |      |
| 89) Benzo(a)pyrene-d12         | 0.00  | 264 | 0d      | 0.00   | ng/ul |      |

## Target Compounds

|                                |       |     |         |        |        | Ovalue |
|--------------------------------|-------|-----|---------|--------|--------|--------|
| 4) Benzaldehyde                | 7.18  | 77  | 952013  | 121.06 | ng/ul  | 90     |
| 6) Phenol                      | 7.25  | 94  | 1948199 | 152.46 | ng/ul  | 94     |
| 8) Bis(2-Chloroethyl)ether     | 7.47  | 93  | 1498109 | 144.47 | ng/ul  | 91     |
| 11) 2-Methylphenol             | 8.49  | 108 | 1569224 | 161.19 | ng/ul  | 99     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.58  | 45  | 1411584 | 116.82 | ng/ul  | 99     |
| 14) Acetophenone               | 8.88  | 105 | 2218182 | 140.34 | ng/ul  | 97     |
| 16) 4-Methylphenol             | 8.83  | 108 | 1676991 | 158.83 | ng/ul  | 97     |
| 30) 4-Chloroaniline            | 11.00 | 127 | 1429392 | 120.29 | ng/ul  | 94     |
| 32) Caprolactam                | 11.81 | 113 | 605168m | 188.86 | ng/ul  |        |
| 37) Hexachlorocyclopentadiene  | 12.84 | 237 | 1125459 | 189.91 | ng/ul  | 97     |
| 48) 3-Nitroaniline             | 14.56 | 138 | 883930  | 153.66 | ng/ul  | 89     |
| 50) 2,4-Dinitrophenol          | 14.77 | 184 | 756093  | 312.99 | ng/ul# | 80     |
| 52) 4-Nitrophenol              | 14.89 | 109 | 533622  | 181.03 | ng/ul# | 64     |
| 60) 4-Nitroaniline             | 15.74 | 138 | 1162310 | 173.29 | ng/ul# | 76     |
| 63) 4,6-Dinitro-2-methylphenol | 15.79 | 198 | 1034764 | 223.81 | ng/ul# | 85     |
| 67) Atrazine                   | 16.85 | 200 | 1517144 | 167.73 | ng/ul  | 95     |
| 68) Pentachlorophenol          | 17.04 | 266 | 1076462 | 204.44 | ng/ul  | 98     |
| 74) Carbazole                  | 17.79 | 167 | 5196546 | 118.87 | ng/ul# | 78     |
| 76) Fluoranthene               | 19.43 | 202 | 5598733 | 102.77 | ng/ul# | 76     |
| 81) 3,3'-Dichlorobenzidine     | 21.53 | 252 | 2360801 | 139.14 | ng/ul  | 96     |
| 86) Di-n-octyl phthalate       | 22.71 | 149 | 6547274 | 146.76 | ng/ul# | 95     |

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

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