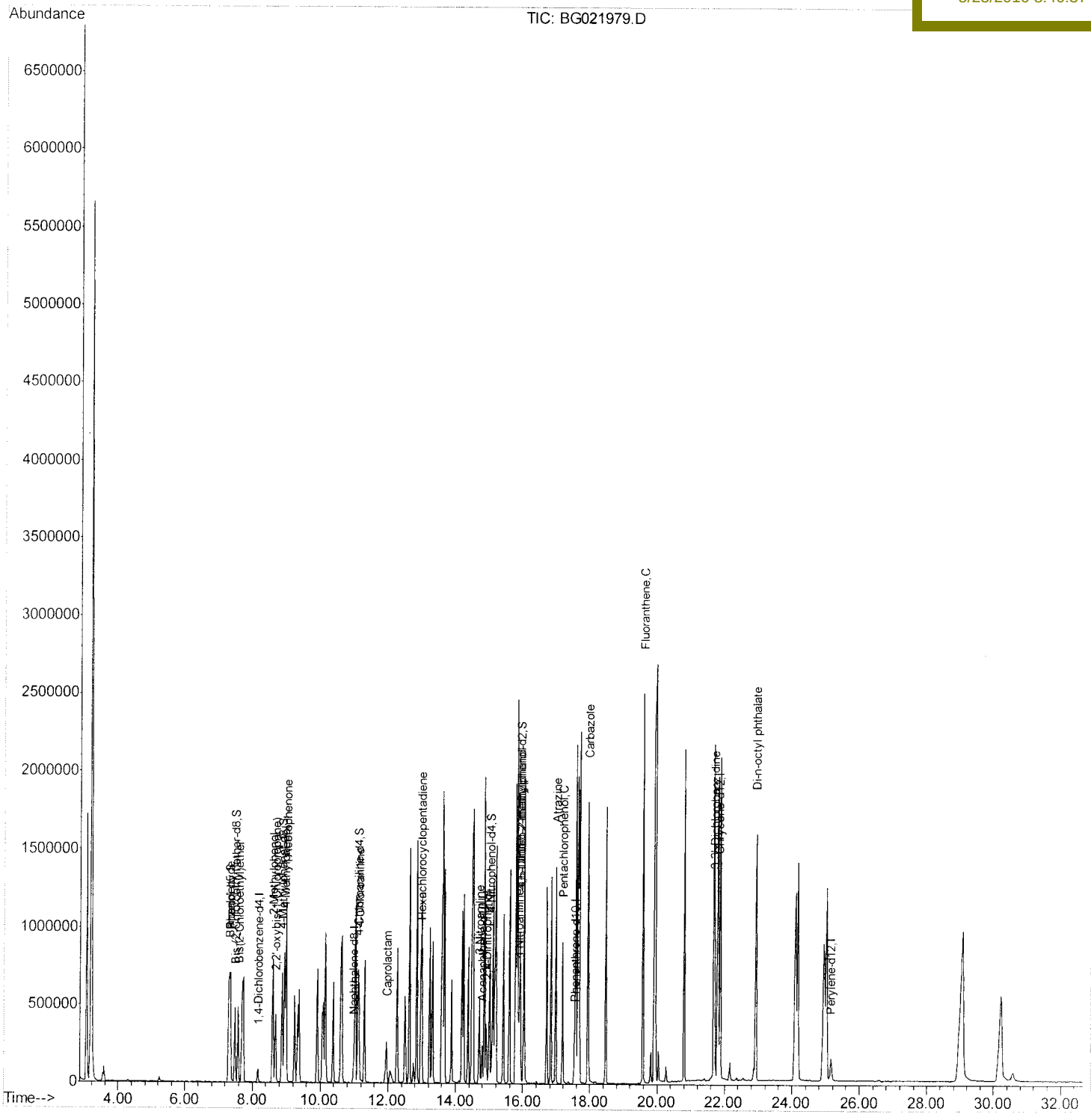
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG021979.D
Acq On : 21 May 2016 13:28
Operator : UM/SJ
Sample : SSTD16006
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 23 17:27:49 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 16:42:39 2016
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD16006

**Manual Integrations APPROVED**
umangi
5/23/2016 8:40:37 PM



Quantitation Report (Qedit)

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Quant Time: May 23 17:26:01 2016
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Quant Title : SVOA CALIBRATION
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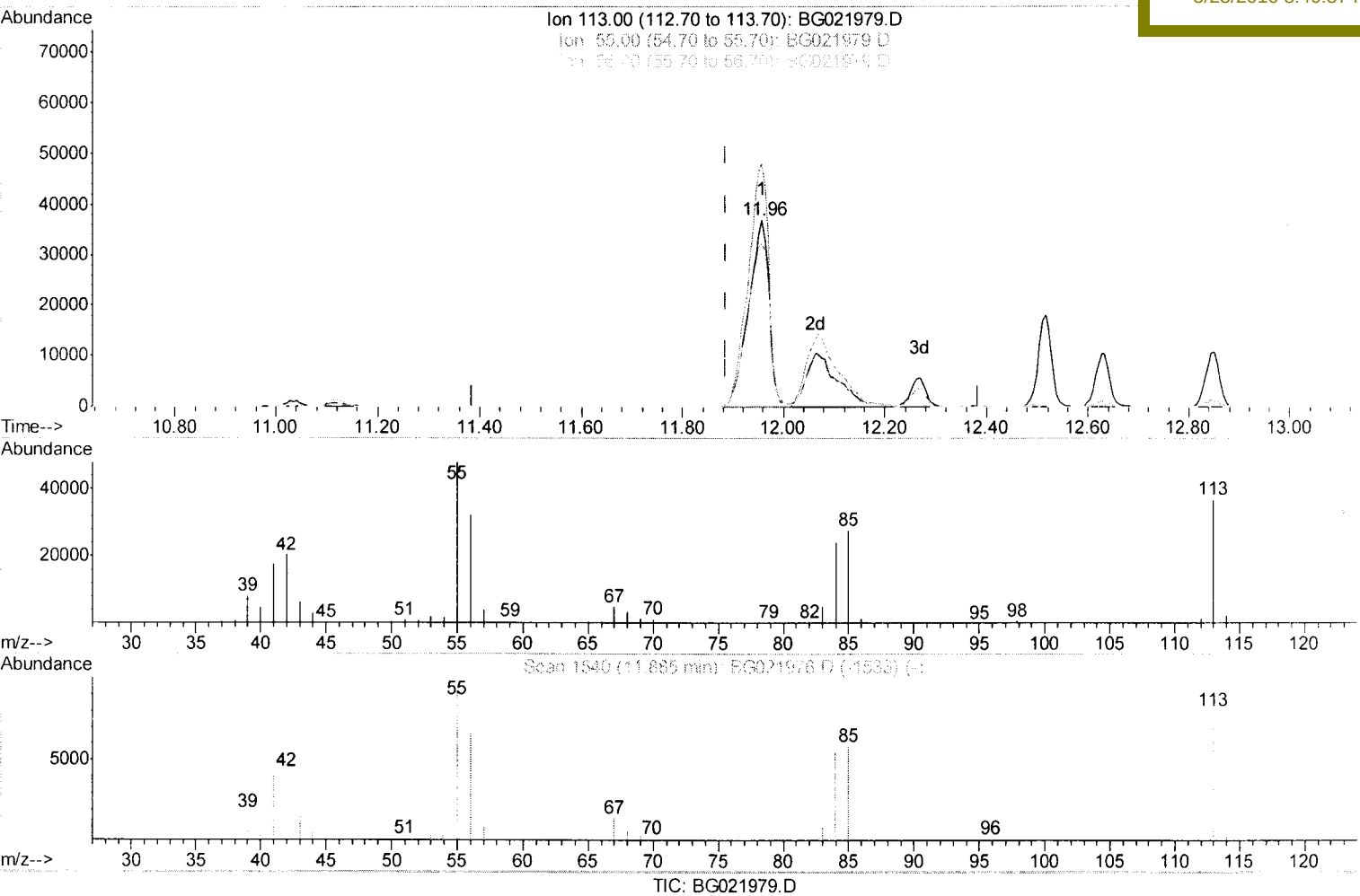
umangi
5/23/2016 8:40:37 PM




TIC: BG021979.D

(32) Caprolactam

11.957min (+0.072) 115.65ng/ul

response 102514

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100 | 100 |
| 55.00 | 124.50 | 129.82 |
| 56.00 | 83.00 | 87.64 |
| 0.00 | 0.00 | 0.00 |

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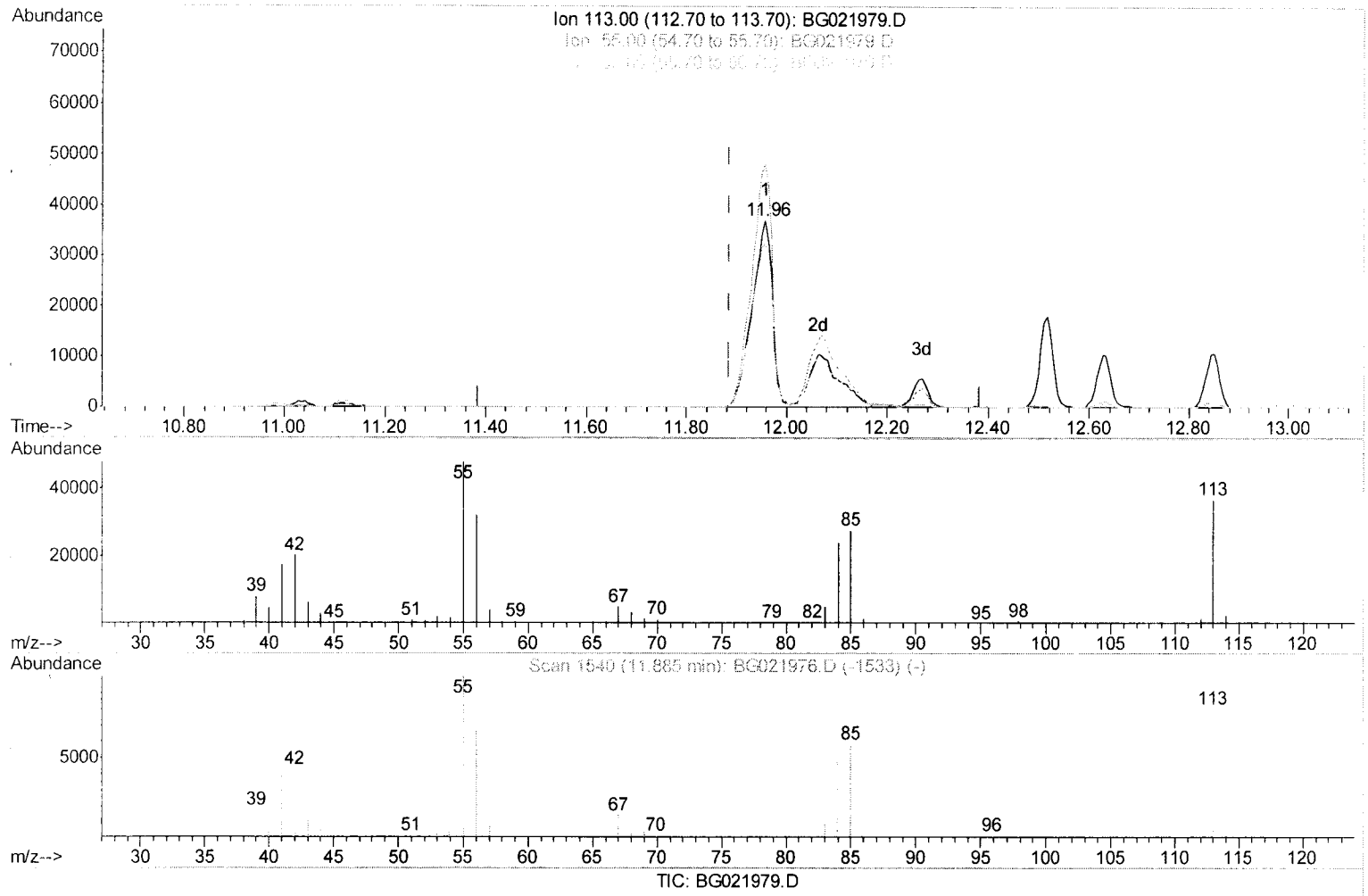
umangi
5/23/2016 8:40:37 PM




(32) Caprolactam

11.957min (+0.072) 164.97ng/ul m > U.M. 05/24/16

response 146225

| Ion | Exp% | Act% |
|---|---|---|
| 113.00 | 100 | 100 |
| 55.00 | 124.50 | 129.82 |
| 56.00 | 83.00 | 87.64 |
| 0.00 | 0.00 | 0.00 |

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Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
SSTD16006

**Manual Integrations APPROVED**
umangi
5/23/2016 8:40:37 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

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

Quantitation Report (QT Reviewed)

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**ClientSampleId :** SSTD16006

**Manual Integrations APPROVED**
umangi
5/23/2016 8:40:37 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.16 | 152 | 31676 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.98 | 136 | 160142 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.79 | 164 | 87401 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.53 | 188 | 176894 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.82 | 240 | 158120 | 20.00 | ng/ul | 0.01 |
| 83) Perylene-d12 | 25.15 | 264 | 141754 | 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 | 7.32 | 99 | 489131 | 170.89 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.49 | 67 | 248149 | 165.39 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 0.00 | 132 | 0d | 0.00 | ng/ul | |
| 13) 4-Methylphenol-d8 | 8.88 | 113 | 407026 | 167.69 | ng/ul | 0.01 |
| 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 | 11.12 | 131 | 389322 | 158.39 | 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 | 15.01 | 143 | 211483 | 187.07 | ng/ul | 0.03 |
| 57) Fluorene-d10 | 0.00 | 176 | 0d | 0.00 | ng/ul | |
| 62) 4,6-Dinitro-2-methylphenol | 15.91 | 200 | 173027 | 187.13 | ng/ul | 0.02 |
| 70) Anthracene-d10 | 0.00 | 188 | 0d | 0.00 | ng/ul | |
| 76) Pyrene-d10 | 0.00 | 212 | 0d | 0.00 | ng/ul | |
| 87) Benzo(a)pyrene-d12 | 0.00 | 264 | 0d | 0.00 | ng/ul | |
| **Target Compounds** | | | | | | Qvalue |
| 4) Benzaldehyde | 7.30 | 77 | 214553 | 136.03 | ng/ul | 96 |
| 6) Phenol | 7.35 | 94 | 485994 | 168.60 | ng/ul | 97 |
| 8) Bis(2-Chloroethyl)ether | 7.58 | 93 | 347292 | 164.92 | ng/ul | 97 |
| 11) 2-Methylphenol | 8.61 | 108 | 383802 | 166.72 | ng/ul | 92 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.69 | 45 | 393631 | 156.46 | ng/ul | 98 |
| 14) Acetophenone | 9.00 | 105 | 557237 | 164.10 | ng/ul | 98 |
| 16) 4-Methylphenol | 8.95 | 108 | 411944 | 165.97 | ng/ul | 99 |
| 30) 4-Chloroaniline | 11.15 | 127 | 390296 | 158.00 | ng/ul | 99 |
| 32) Caprolactam | 11.96 | 113 | 146225m | 164.97 | ng/ul | |
| 37) Hexachlorocyclopentadiene | 12.96 | 237 | 213826 | 191.47 | ng/ul | 97 |
| 48) 3-Nitroaniline | 14.70 | 138 | 223373 | 170.64 | ng/ul | 93 |
| 50) 2,4-Dinitrophenol | 14.91 | 184 | 126149 | 230.23 | ng/ul | 92 |
| 52) 4-Nitrophenol | 15.02 | 109 | 123952 | 194.45 | ng/ul | 94 |
| 60) 4-Nitroaniline | 15.88 | 138 | 240542 | 166.49 | ng/ul | 98 |
| 63) 4,6-Dinitro-2-methylphenol | 15.93 | 198 | 179931 | 188.04 | ng/ul# | 97 |
| 67) Atrazine | 16.99 | 200 | 299910 | 155.68 | ng/ul | 97 |
| 68) Pentachlorophenol | 17.18 | 266 | 195623 | 181.05 | ng/ul | 97 |
| 72) Carbazole | 17.94 | 167 | 1371480 | 158.76 | ng/ul | 94 |
| 74) Fluoranthene | 19.58 | 202 | 1558115 | 155.41 | ng/ul | 94 |
| 79) 3,3'-Dichlorobenzidine | 21.71 | 252 | 419675 | 141.23 | ng/ul | 99 |
| 84) Di-n-octyl phthalate | 22.93 | 149 | 1737637 | 150.45 | ng/ul | 100 |

U.M.
05/24/16