

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG120916\  
 Data File : BG025060.D  
 Acq On : 10 Dec 2016 7:45  
 Operator : UM/SJ  
 Sample : H5863-20  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DA800

Quant Time: Dec 12 03:15:45 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG113016.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Dec 12 03:10:41 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.24  | 152  | 139113   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.07 | 136  | 594203   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.86 | 164  | 499195   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.61 | 188  | 1001368  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.90 | 240  | 1150536  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.32 | 264  | 1204527  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.60  | 96  | 7022   | 2.61  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.39  | 99  | 159586 | 13.30 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.56  | 67  | 110202 | 14.84 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.76  | 132 | 111978 | 13.34 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.94  | 113 | 137184 | 13.68 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.42  | 128 | 69129  | 16.43 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.14 | 143 | 75822  | 14.45 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.68 | 165 | 142085 | 14.08 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.21 | 131 | 44452  | 4.48  | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6       | 14.26 | 166 | 533358 | 15.53 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.56 | 160 | 560027 | 14.89 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.06 | 143 | 58003  | 9.83  | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.85 | 176 | 453475 | 14.03 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.97 | 200 | 88115  | 14.23 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.71 | 188 | 640617 | 15.16 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.97 | 212 | 688393 | 14.53 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.08 | 264 | 665131 | 13.63 | ng/ul | 0.00 |

## Target Compounds

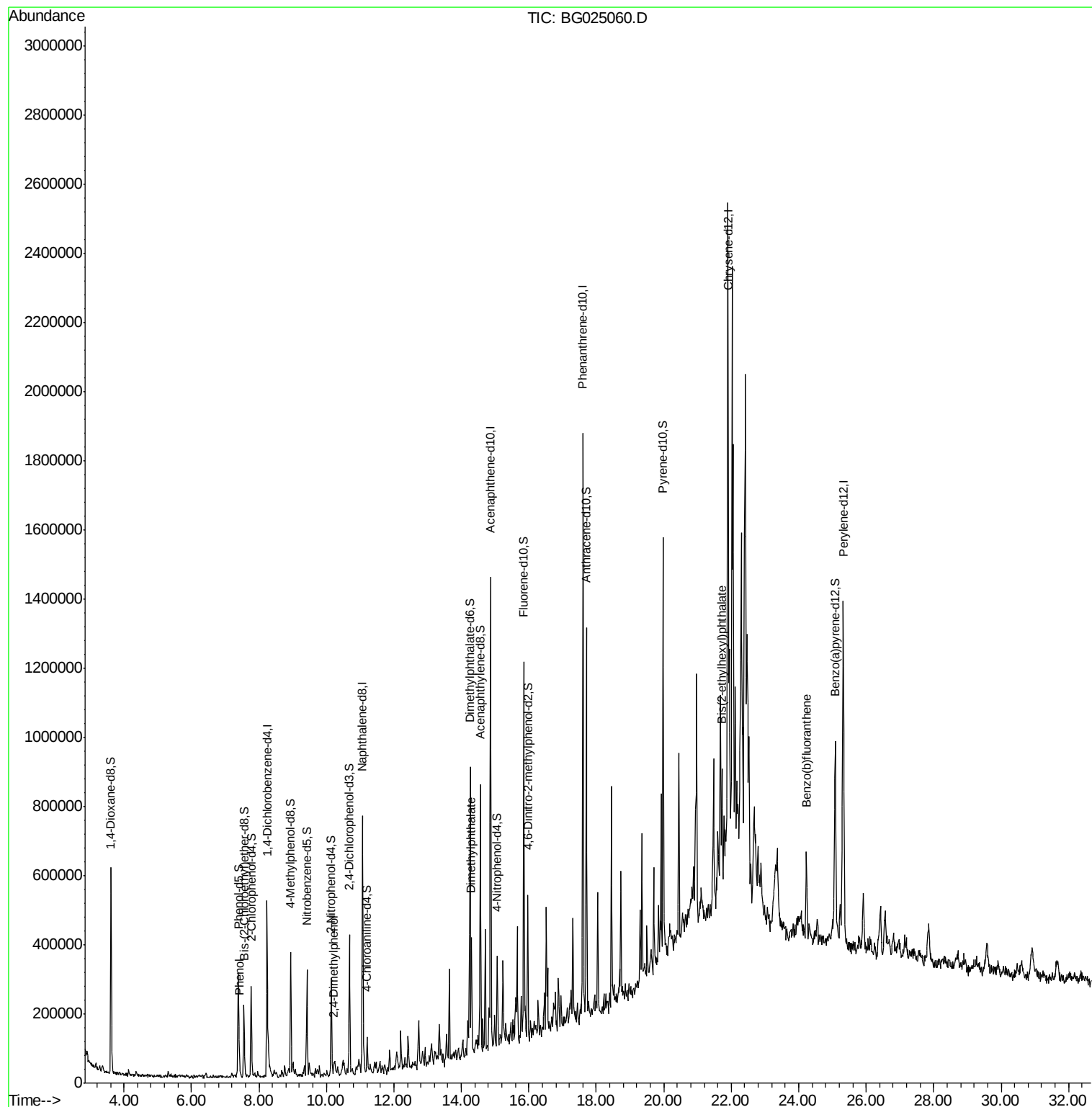
|                                |       |     |        |      |        | Qvalue |
|--------------------------------|-------|-----|--------|------|--------|--------|
| 6) Phenol                      | 7.42  | 94  | 35113  | 2.85 | ng/ul# | 86     |
| 24) 2,4-Dimethylphenol         | 10.22 | 107 | 13780  | 1.13 | ng/ul# | 85     |
| 44) Dimethylphthalate          | 14.30 | 163 | 186307 | 5.52 | ng/ul# | 98     |
| 81) Bis(2-ethylhexyl)phthalate | 21.73 | 149 | 78643  | 2.64 | ng/ul# | 98     |
| 85) Benzo(b)fluoranthene       | 24.22 | 252 | 60647  | 1.02 | ng/ul# | 93     |

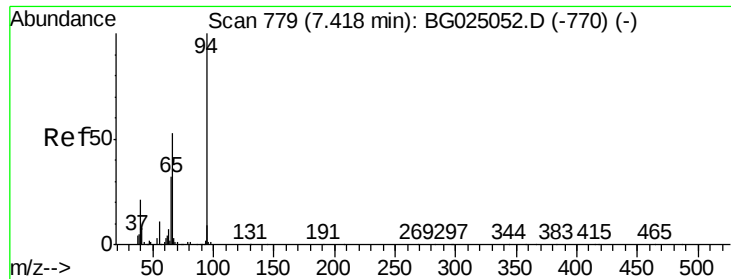
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.85 ng/ul

RT: 7.42 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG025060.D

Acq: 10 Dec 2016 7:45

Instrument :

BNA\_G

ClientSampleId :

DA800

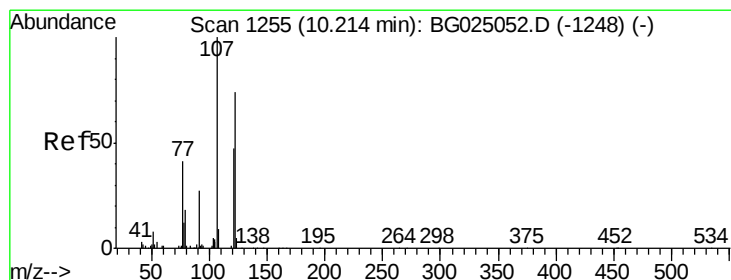
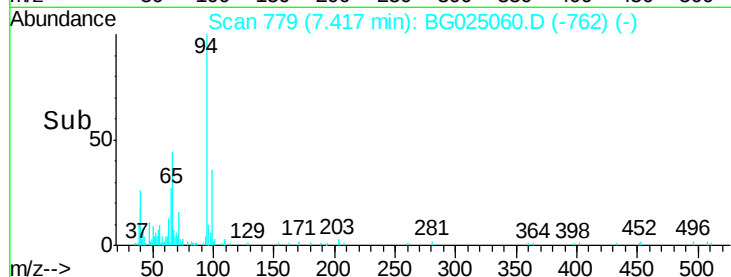
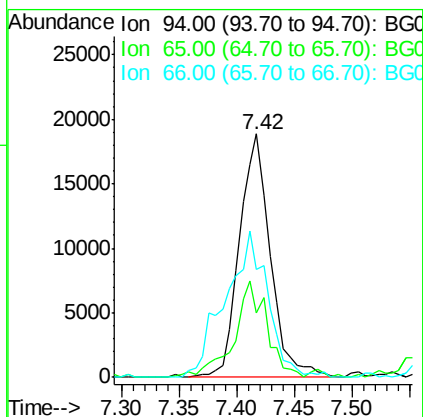
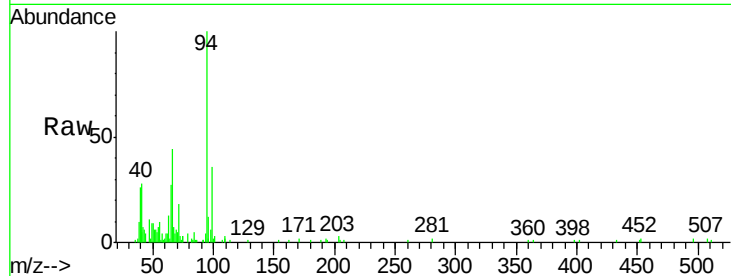
Tgt Ion: 94 Resp: 35113

Ion Ratio Lower Upper

94 100

65 26.7 26.8 40.2#

66 44.4 44.4 66.6#



#24

2,4-Dimethylphenol

Concen: 1.13 ng/ul

RT: 10.22 min Scan# 1256

Delta R.T. 0.01 min

Lab File: BG025060.D

Acq: 10 Dec 2016 7:45

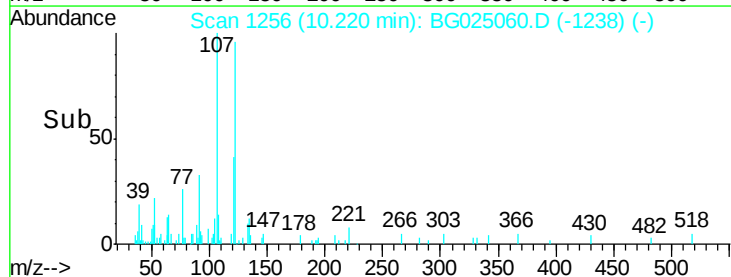
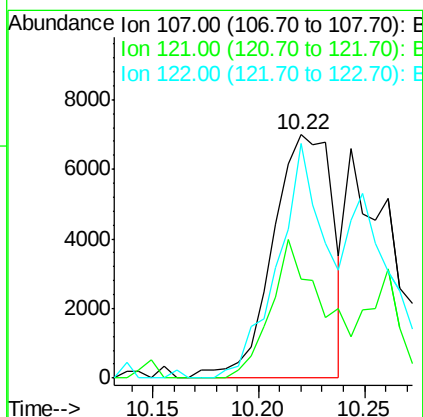
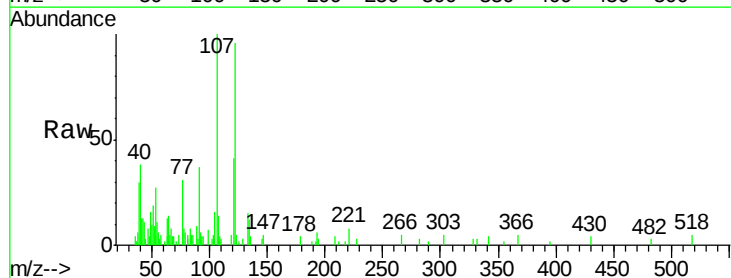
Tgt Ion: 107 Resp: 13780

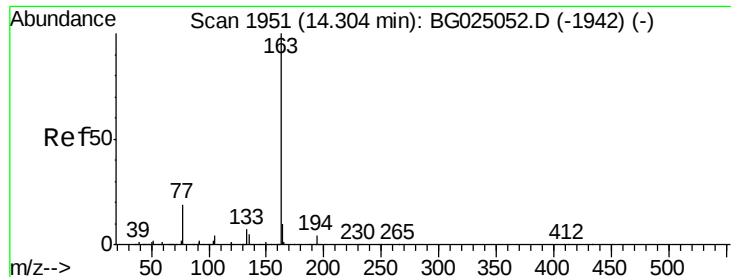
Ion Ratio Lower Upper

107 100

121 40.7 32.3 48.5

122 96.5 61.2 91.8#





#44

Dimethylphthalate

Concen: 5.52 ng/ul

RT: 14.30 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG025060.D

Acq: 10 Dec 2016 7:45

Instrument :

BNA\_G

ClientSampleId :

DA800

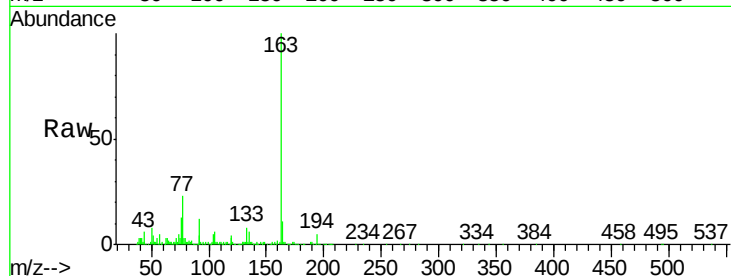
Tgt Ion:163 Resp: 186307

Ion Ratio Lower Upper

163 100

194 5.4 3.4 5.0#

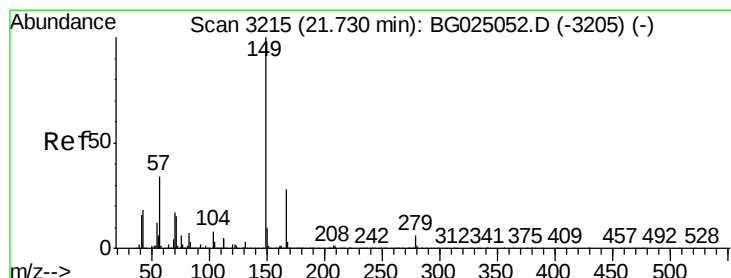
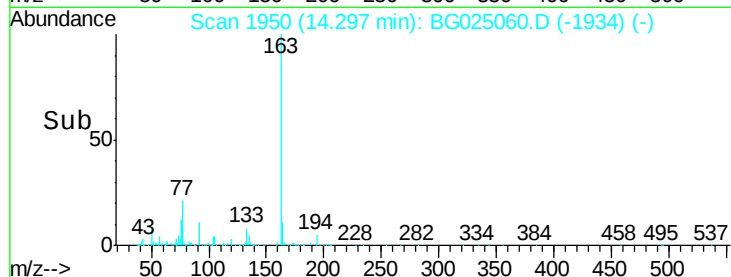
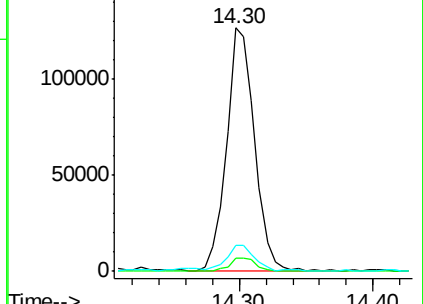
164 10.9 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 2.64 ng/ul

RT: 21.73 min Scan# 3215

Delta R.T. -0.00 min

Lab File: BG025060.D

Acq: 10 Dec 2016 7:45

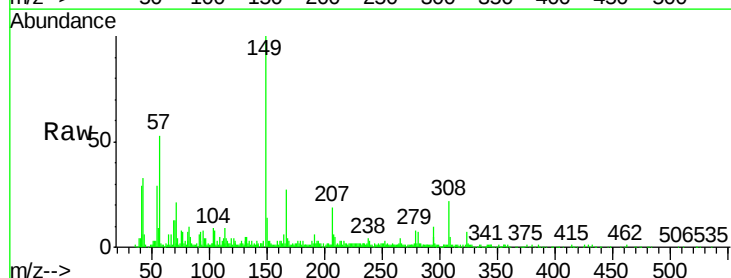
Tgt Ion:149 Resp: 78643

Ion Ratio Lower Upper

149 100

167 26.8 21.8 32.8

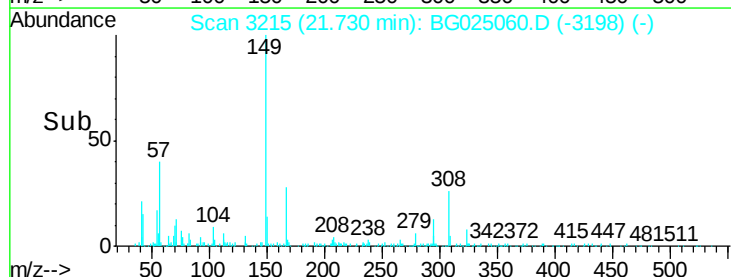
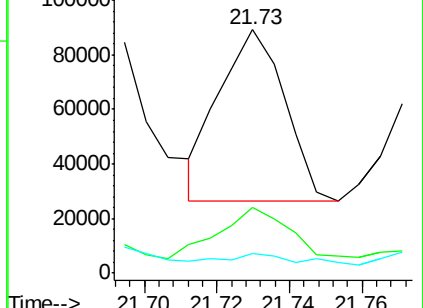
279 7.8 4.5 6.7#

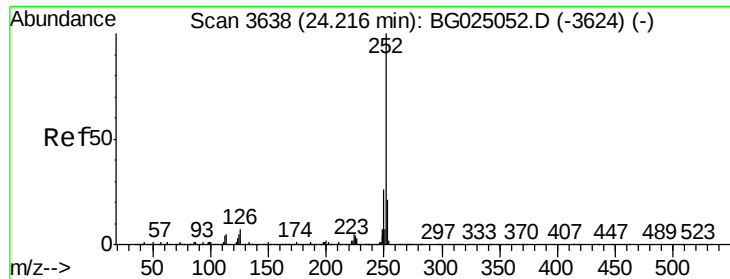


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Benzo(b)fluoranthene

Concen: 1.02 ng/ul

RT: 24.22 min Scan# 3639

Delta R.T. 0.01 min

Lab File: BG025060.D

Acq: 10 Dec 2016 7:45

Instrument :

BNA\_G

ClientSampleId :

DA800

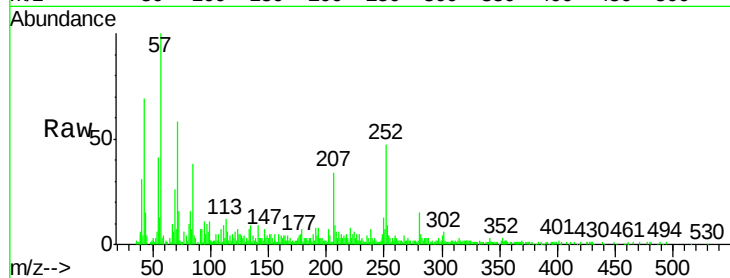
Tgt Ion: 252 Resp: 60647

Ion Ratio Lower Upper

252 100

253 19.7 17.7 26.5

125 9.6 4.0 6.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

