

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG080515\  
 Data File : BG018279.D  
 Acq On : 5 Aug 2015 20:17  
 Operator : UM/TP  
 Sample : G3157-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C02N5

Quant Time: Aug 06 02:26:52 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080515.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 06 02:25:31 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.43  | 152  | 24767    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.21 | 136  | 104916   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.11 | 164  | 78276    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.87 | 188  | 196283   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.08 | 240  | 212951   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.24 | 264  | 154816   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 2.90  | 96  | 201    | 0.70  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.64  | 99  | 13572  | 6.97  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.77  | 67  | 32173  | 34.18 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.97  | 132 | 42355  | 26.12 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.16  | 113 | 27464  | 16.70 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.59  | 128 | 29743  | 36.61 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.31  | 143 | 35536  | 37.81 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.86  | 165 | 55513  | 32.14 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.37 | 131 | 3571   | 1.73  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.53 | 166 | 232428 | 38.39 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.80 | 160 | 251302 | 36.60 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.37 | 143 | 5483   | 5.49  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.11 | 176 | 203826 | 37.47 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.26 | 200 | 43880  | 32.29 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.97 | 188 | 337254 | 39.06 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.29 | 212 | 380385 | 31.92 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.24 | 264 | 154278 | 19.15 | ng/ul | 0.14 |

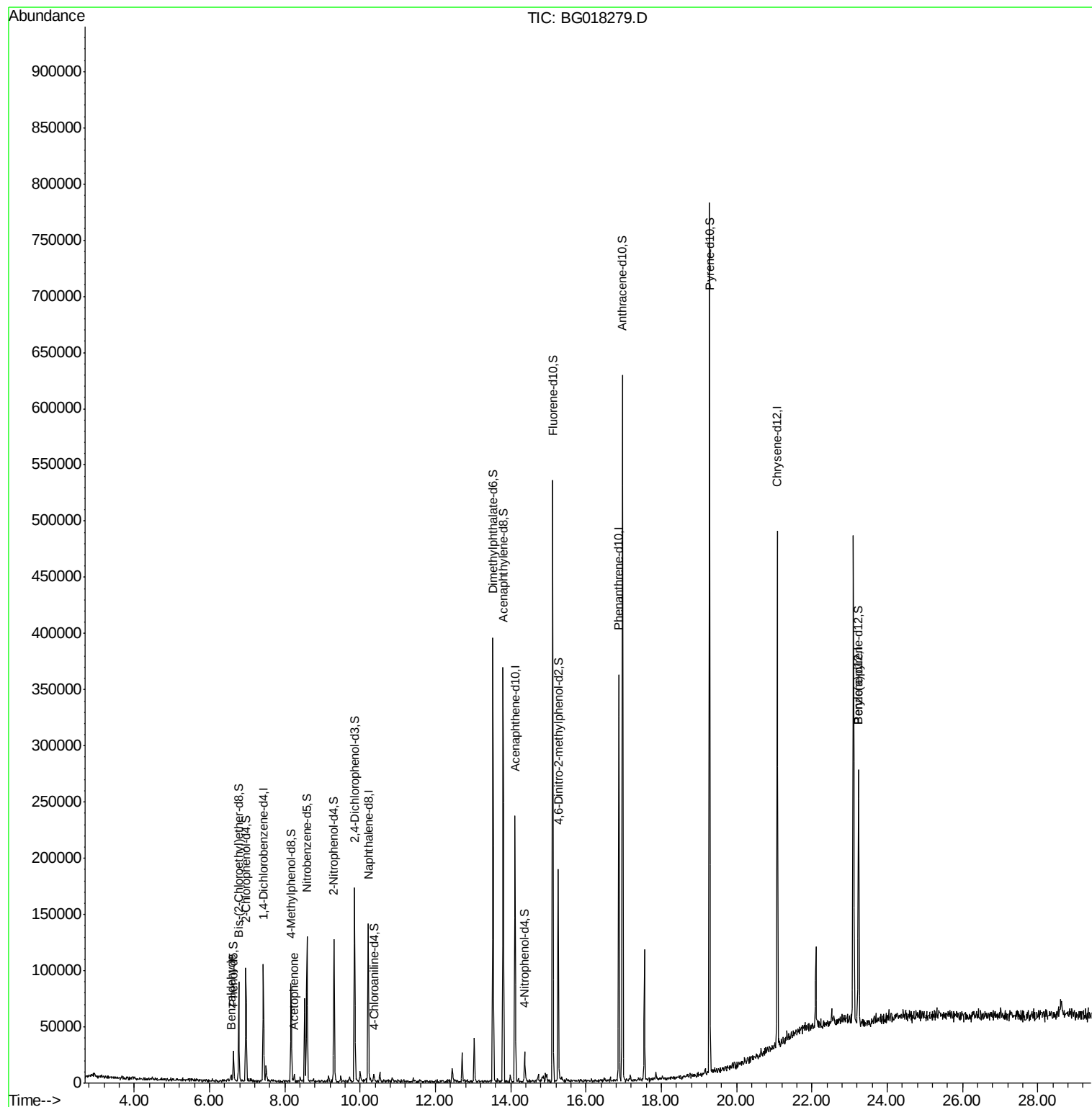
| Target Compounds |      |     |      |             | Qvalue |
|------------------|------|-----|------|-------------|--------|
| 4) Benzaldehyde  | 6.58 | 77  | 2192 | 2.20 ng/ul# | 64     |
| 14) Acetophenone | 8.26 | 105 | 2662 | 1.01 ng/ul# | 68     |

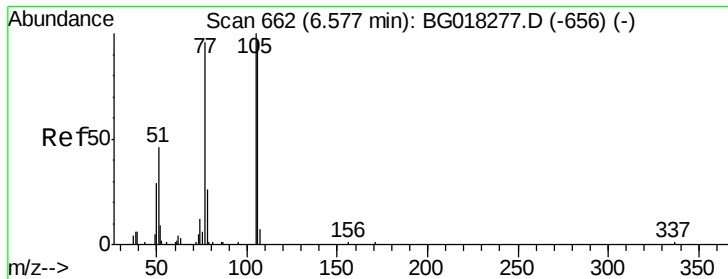
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 2.20 ng/ul

RT: 6.58 min Scan# 662

Delta R.T. 0.00 min

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Acq: 5 Aug 2015 20:17

Instrument :

BNA\_G

ClientSampleId :

C02N5

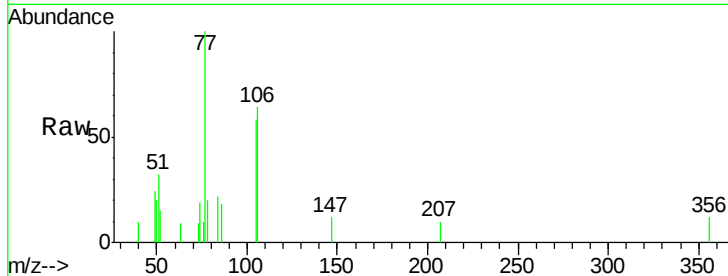
Tgt Ion: 77 Resp: 2192

Ion Ratio Lower Upper

77 100

105 58.1 74.6 112.0#

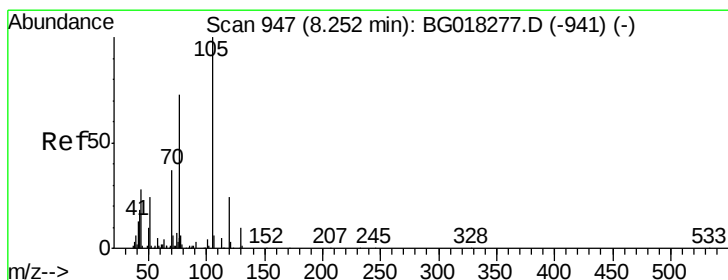
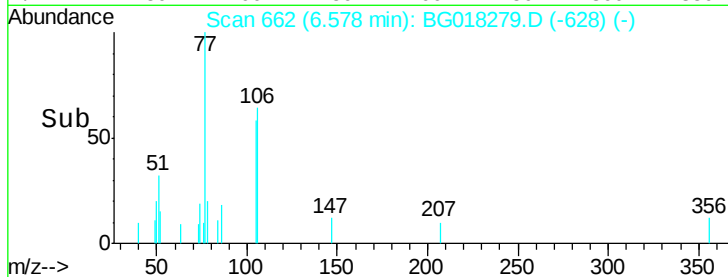
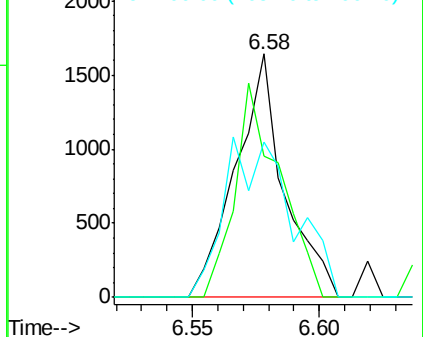
106 63.7 79.8 119.8#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#14

Acetophenone

Concen: 1.01 ng/ul

RT: 8.26 min Scan# 948

Delta R.T. 0.01 min

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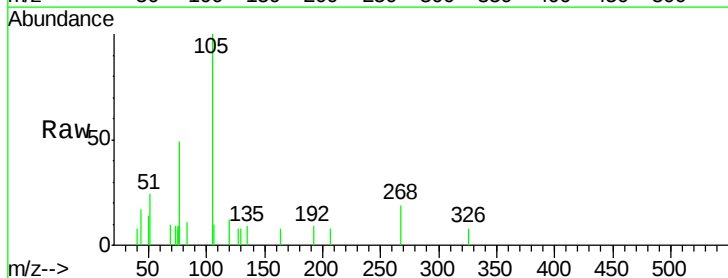
Tgt Ion: 105 Resp: 2662

Ion Ratio Lower Upper

105 100

77 48.8 67.5 101.3#

51 23.9 23.6 35.4



Abundance Ion 105.00 (104.70 to 105.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

