

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG021016\  
 Data File : BG020837.D  
 Acq On : 10 Feb 2016 12:47  
 Operator : SJ/UM  
 Sample : H1390-09  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C04H2

Quant Time: Feb 11 03:29:44 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG020816.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Feb 11 03:24:50 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.27  | 152  | 20529    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.10 | 136  | 104686   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.89 | 164  | 61911    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.62 | 188  | 121485   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.91 | 240  | 104587   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.29 | 264  | 100286   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.61  | 96  | 1238   | 2.93  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.41  | 99  | 31724  | 15.26 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.58  | 67  | 17850  | 16.09 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.80  | 132 | 25821  | 15.87 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.97  | 113 | 27596  | 15.26 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.44  | 128 | 14446  | 17.20 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.17 | 143 | 14637  | 17.52 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.70 | 165 | 26493  | 16.48 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.23 | 131 | 34143  | 15.95 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.28 | 166 | 93792  | 17.61 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.58 | 160 | 114841 | 17.65 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 15.05 | 143 | 15780  | 14.80 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.87 | 176 | 80031  | 17.65 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.97 | 200 | 7398   | 12.57 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.72 | 188 | 118548 | 19.75 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.99 | 212 | 117224 | 21.80 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 25.06 | 264 | 115035 | 20.70 | ng/ul | 0.00 |

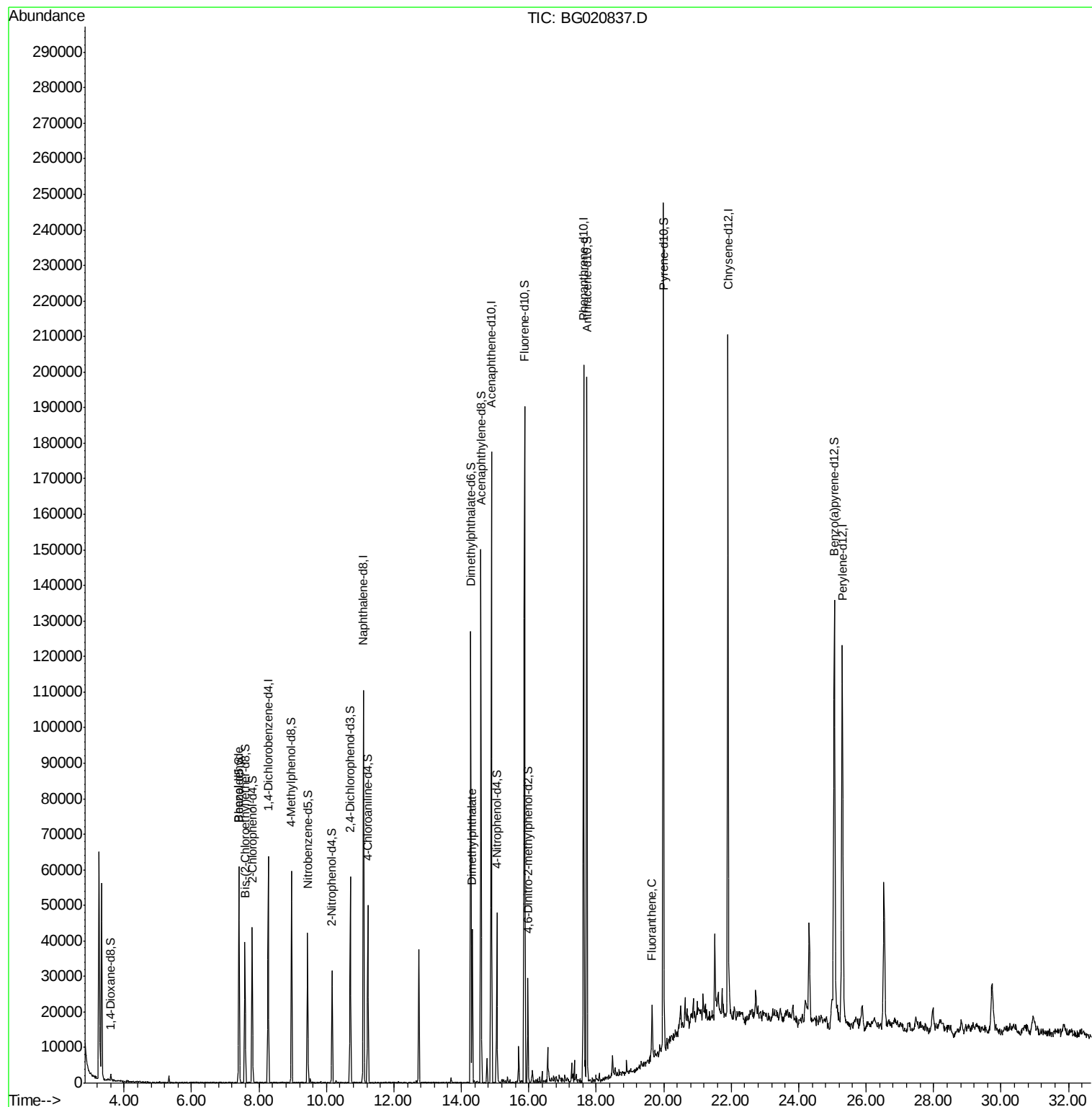
| Target Compounds      |       |     |       |      |       | Qvalue |
|-----------------------|-------|-----|-------|------|-------|--------|
| 4) Benzaldehyde       | 7.40  | 77  | 8516  | 7.41 | ng/ul | 94     |
| 45) Dimethylphthalate | 14.32 | 163 | 32599 | 5.88 | ng/ul | 99     |
| 77) Fluoranthene      | 19.65 | 202 | 8419  | 1.06 | ng/ul | 99     |

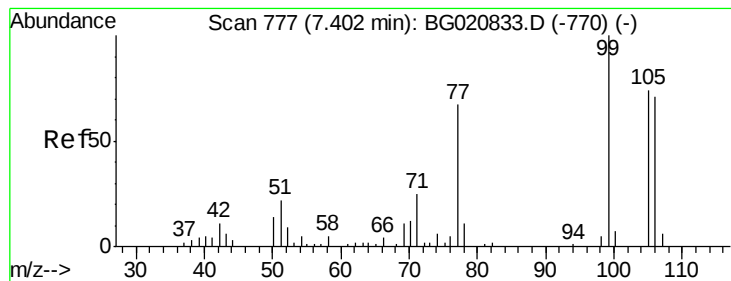
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 7.41 ng/ul

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

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Acq: 10 Feb 2016 12:47

Instrument :

BNA\_G

ClientSampleId :

C04H2

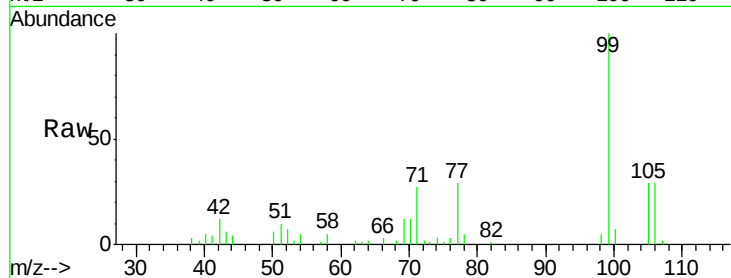
Tgt Ion: 77 Resp: 8516

Ion Ratio Lower Upper

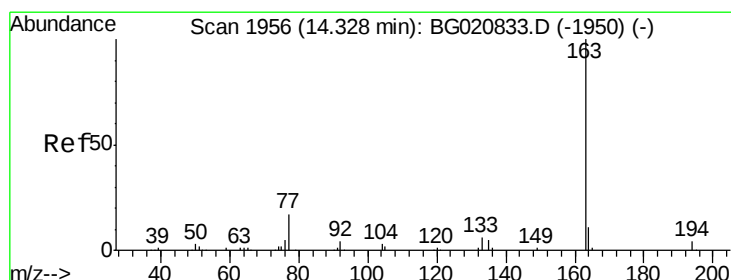
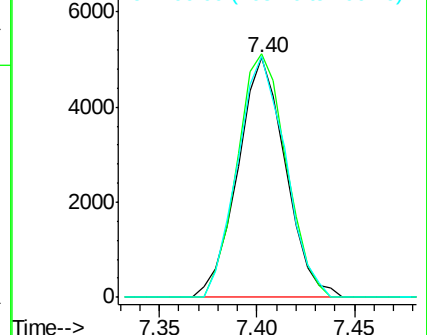
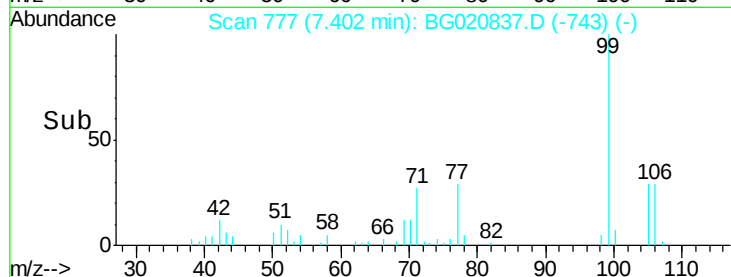
77 100

105 101.7 85.5 128.3

106 100.6 86.6 130.0



Abundance Ion 77.00 (76.70 to 77.70): BG020837.D (-743) (-)



#45

Dimethylphthalate

Concen: 5.88 ng/ul

RT: 14.32 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG020837.D

Acq: 10 Feb 2016 12:47

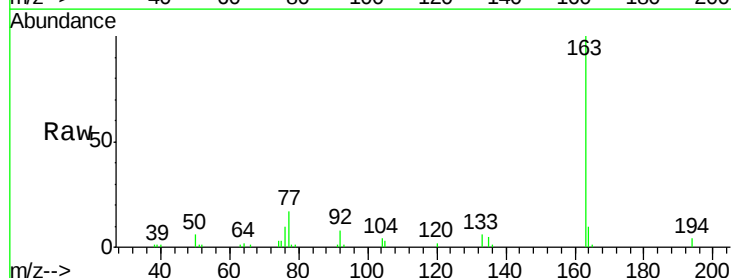
Tgt Ion: 163 Resp: 32599

Ion Ratio Lower Upper

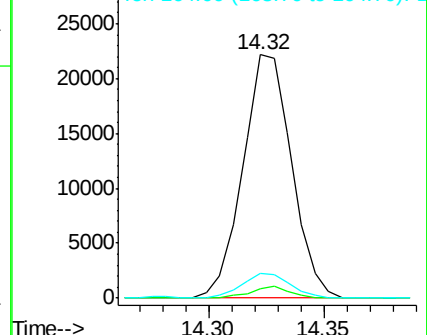
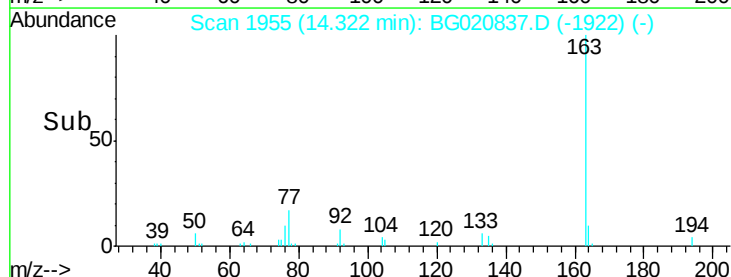
163 100

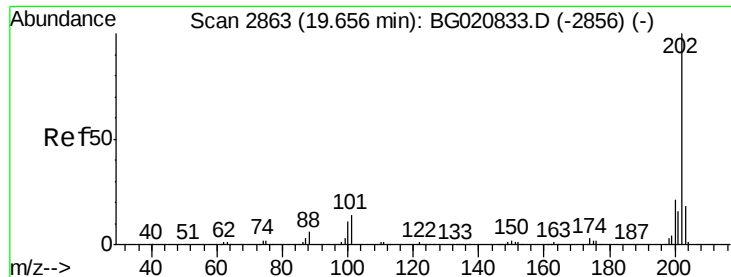
194 3.6 3.0 4.6

164 10.1 7.7 11.5



Abundance Ion 163.00 (162.70 to 163.70): BG020837.D (-1922) (-)





#77

Fluoranthene

Concen: 1.06 ng/ul

RT: 19.65 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG020837.D

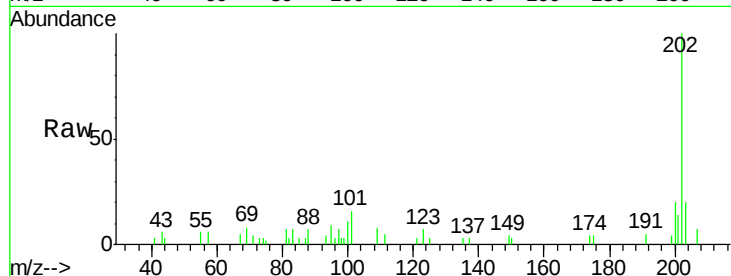
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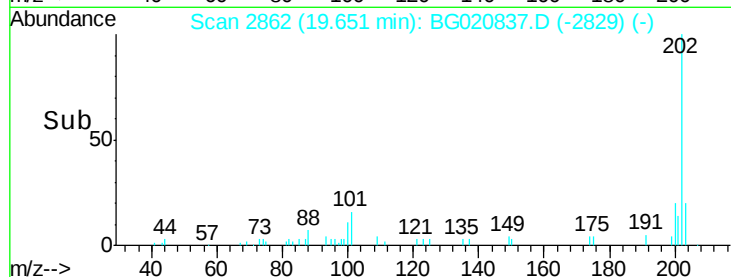
Tgt Ion: 202 Resp: 8419

Ion Ratio Lower Upper

202 100

101 15.6 12.5 18.7

100 11.5 9.9 14.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

