

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG102315\  
 Data File : BG019350.D  
 Acq On : 25 Oct 2015 00:10  
 Operator : UM/NP  
 Sample : G4075-06  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JG9K6

Quant Time: Oct 25 03:31:56 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG102315.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Oct 25 03:28:11 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.24  | 152  | 94473    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.07 | 136  | 390072   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.86 | 164  | 288623   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.60 | 188  | 705158   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.89 | 240  | 814553   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.30 | 264  | 796863   | 20.00 | ng/ul | 0.03     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.57  | 96  | 5134   | 3.02  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.38  | 99  | 158061 | 19.01 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.56  | 67  | 93180  | 18.77 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.77  | 132 | 99785  | 18.60 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.94  | 113 | 125285 | 19.33 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5            | 9.41  | 128 | 52995  | 17.89 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.14 | 143 | 62917  | 18.59 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.68 | 165 | 137643 | 18.65 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.19 | 131 | 104087 | 14.20 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.26 | 166 | 419681 | 17.54 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.56 | 160 | 486207 | 18.36 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 15.04 | 143 | 61209  | 15.73 | ng/ul | 0.02 |
| 58) Fluorene-d10               | 15.85 | 176 | 391857 | 17.45 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.95 | 200 | 71188  | 15.34 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.70 | 188 | 594888 | 18.42 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.97 | 212 | 655400 | 18.36 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 25.06 | 264 | 739431 | 18.19 | ng/ul | 0.02 |

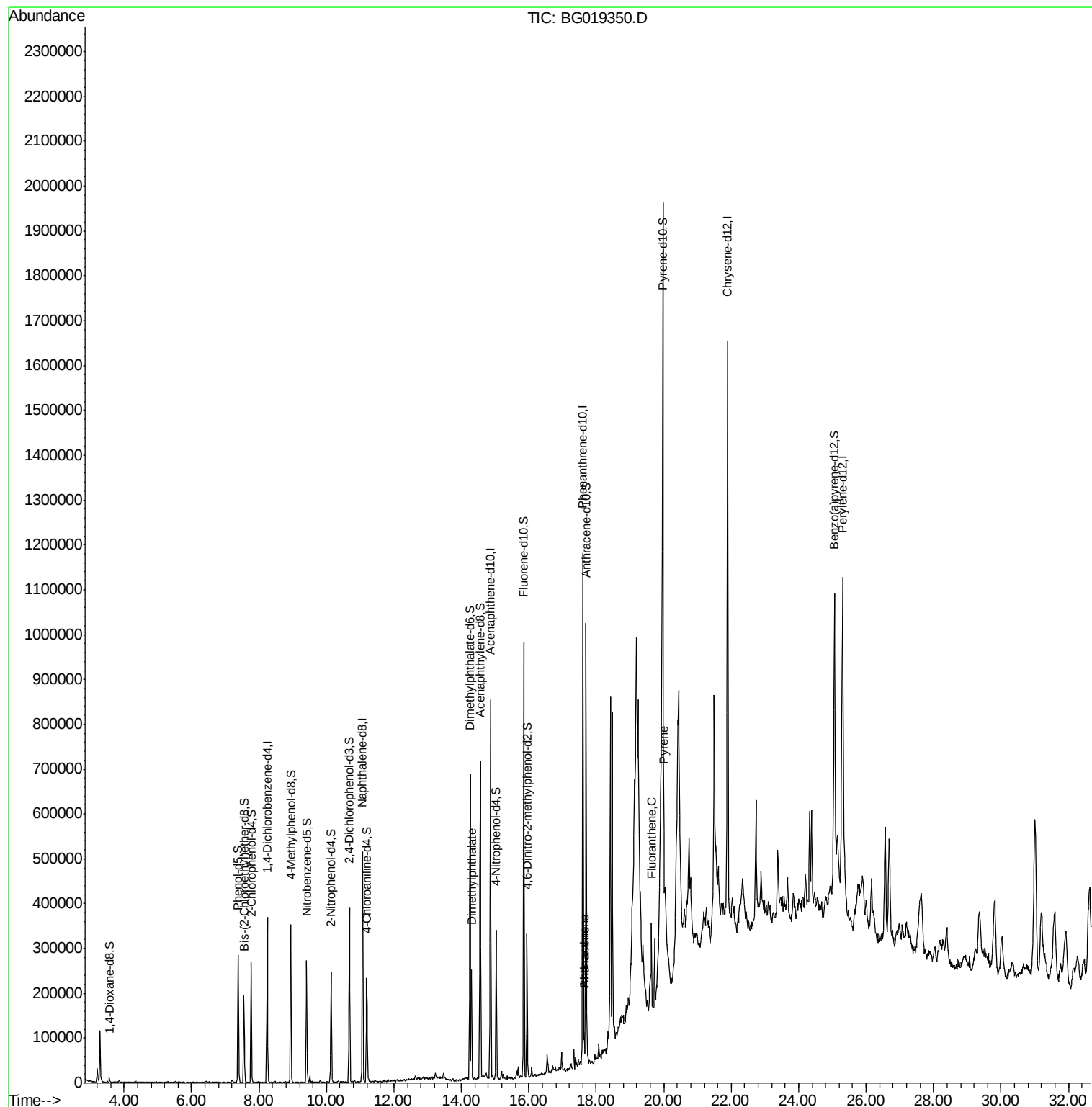
| Target Compounds      |       |     |        |      |        | Qvalue |
|-----------------------|-------|-----|--------|------|--------|--------|
| 45) Dimethylphthalate | 14.31 | 163 | 147592 | 6.17 | ng/ul# | 96     |
| 70) Phenanthrene      | 17.64 | 178 | 40137  | 1.13 | ng/ul  | 99     |
| 72) Anthracene        | 17.64 | 178 | 40137  | 1.12 | ng/ul  | 97     |
| 77) Fluoranthene      | 19.64 | 202 | 80095  | 1.67 | ng/ul# | 97     |
| 80) Pyrene            | 20.00 | 202 | 66927  | 1.47 | ng/ul# | 93     |

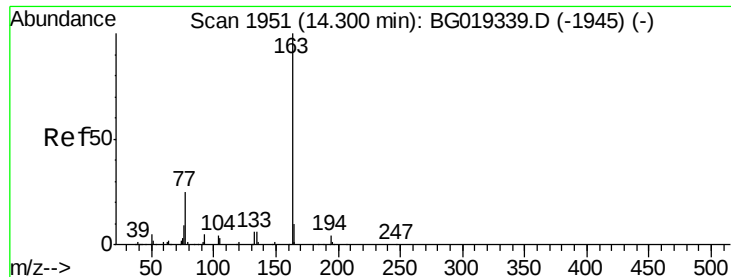
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Oct 25 03:28:11 2015  
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#45

Dimethylphthalate

Concen: 6.17 ng/ul

RT: 14.31 min Scan# 1952

Delta R.T. 0.01 min

Lab File: BG019350.D

Acq: 25 Oct 2015 00:10

Instrument :

BNA\_G

ClientSampleId :

JG9K6

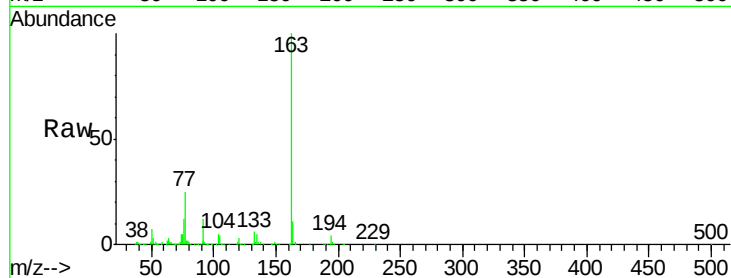
Tgt Ion:163 Resp: 147592

Ion Ratio Lower Upper

163 100

194 3.9 4.3 6.5#

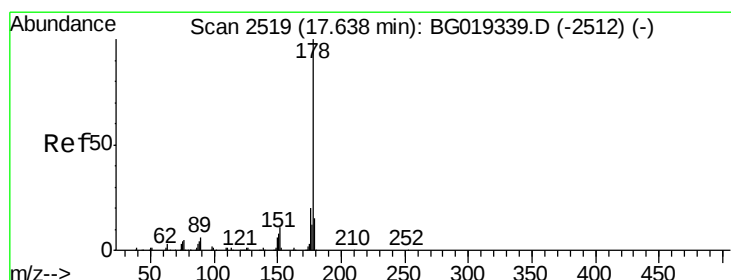
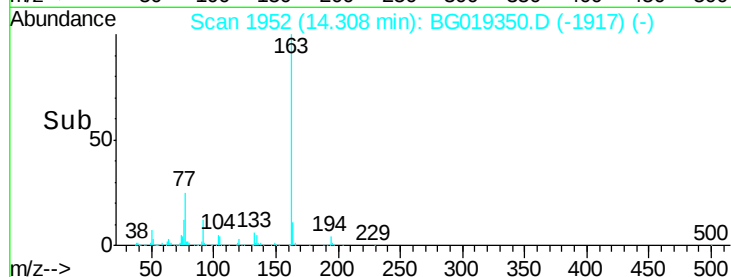
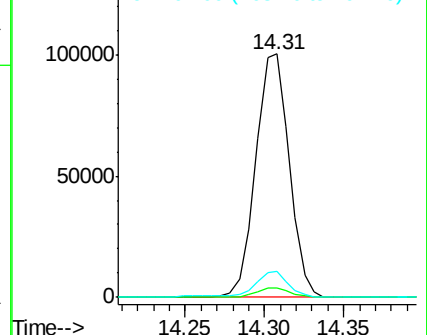
164 10.8 7.5 11.3



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



#70

Phenanthrene

Concen: 1.13 ng/ul

RT: 17.64 min Scan# 2520

Delta R.T. 0.01 min

Lab File: BG019350.D

Acq: 25 Oct 2015 00:10

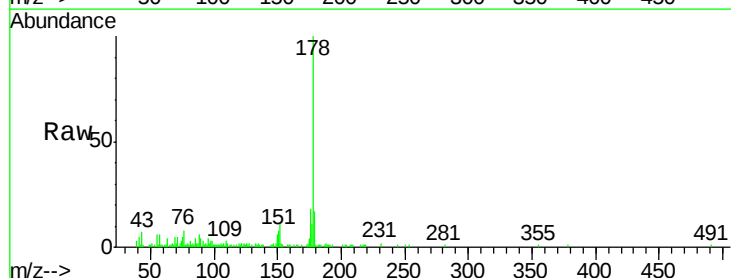
Tgt Ion:178 Resp: 40137

Ion Ratio Lower Upper

178 100

179 16.6 12.6 18.8

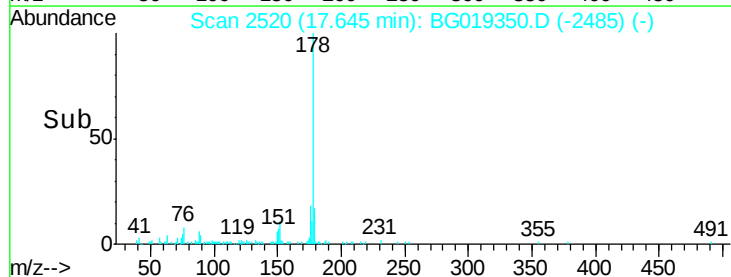
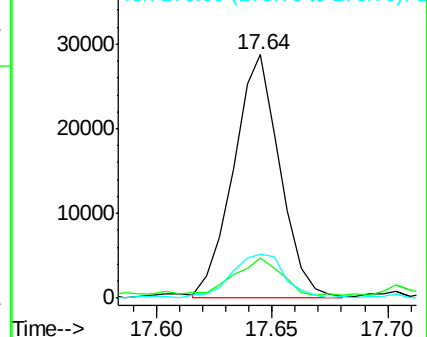
176 18.1 14.3 21.5

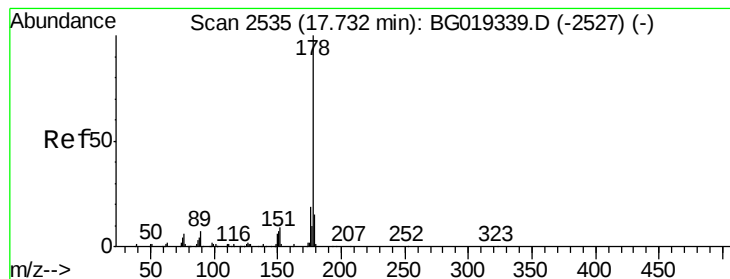


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.12 ng/ul

RT: 17.64 min Scan# 2520

Delta R.T. -0.09 min

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Instrument :

BNA\_G

ClientSampleId :

JG9K6

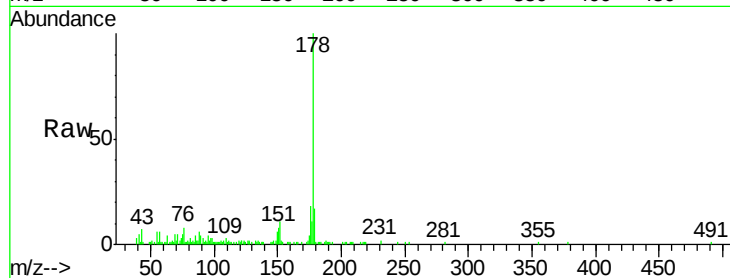
Tgt Ion:178 Resp: 40137

Ion Ratio Lower Upper

178 100

179 16.6 11.6 17.4

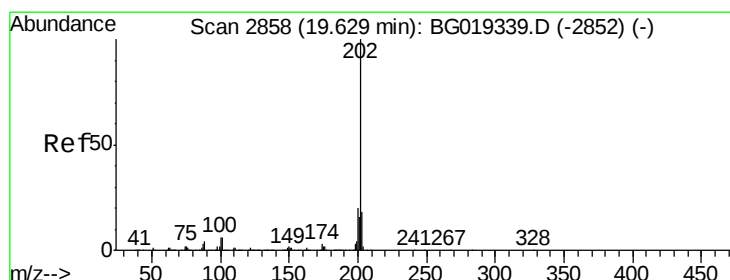
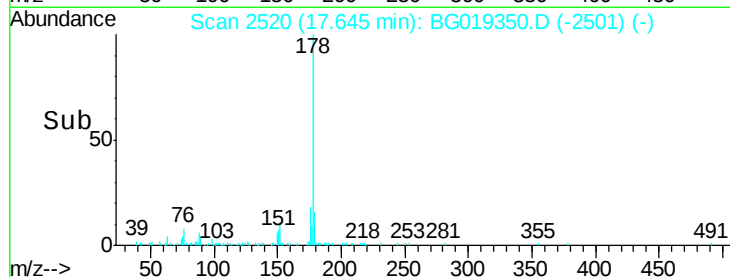
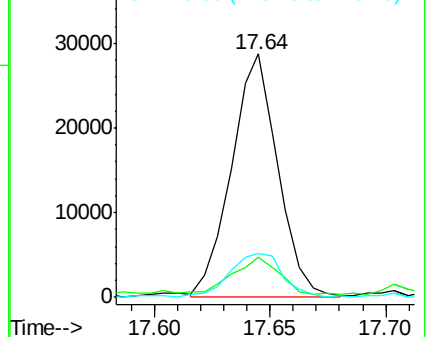
176 18.1 14.2 21.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 1.67 ng/ul

RT: 19.64 min Scan# 2859

Delta R.T. 0.01 min

Lab File: BG019350.D

Acq: 25 Oct 2015 00:10

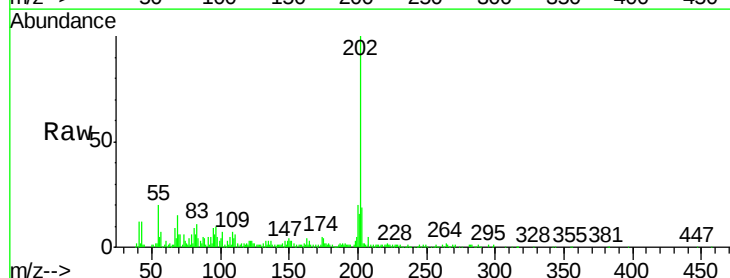
Tgt Ion:202 Resp: 80095

Ion Ratio Lower Upper

202 100

101 6.9 4.0 6.0#

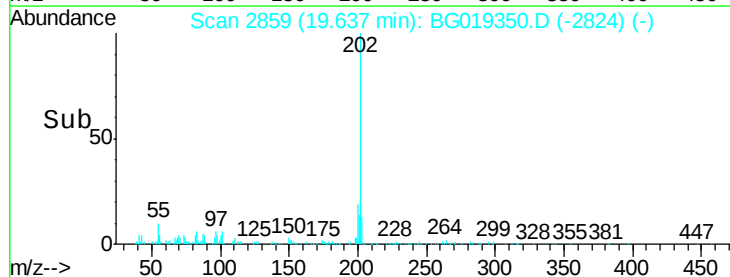
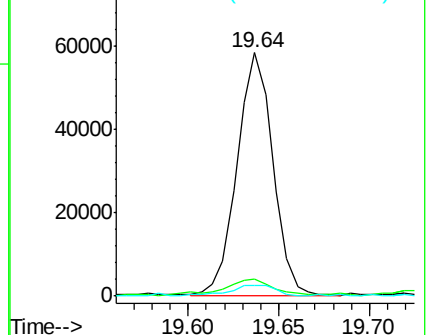
100 4.2 3.6 5.4

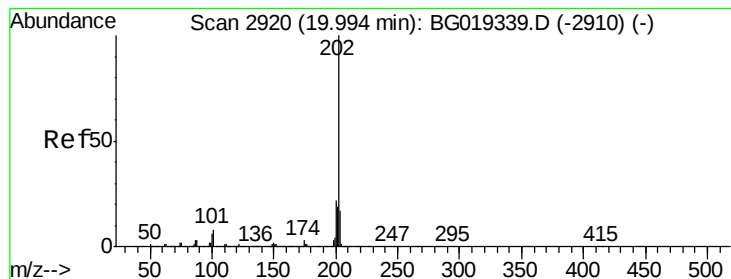


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pyrene

Concen: 1.47 ng/ul

RT: 20.00 min Scan# 2921

Delta R.T. 0.01 min

Lab File: BG019350.D

Acq: 25 Oct 2015 00:10

Instrument :

BNA\_G

ClientSampleId :

JG9K6

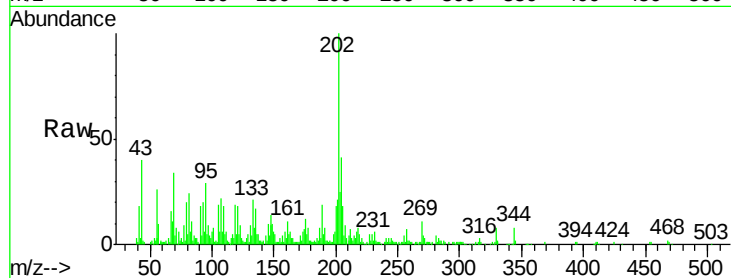
Tgt Ion: 202 Resp: 66927

Ion Ratio Lower Upper

202 100

101 9.0 4.3 6.5#

100 5.5 3.6 5.4#



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

