

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG043017\  
 Data File : BG026800.D  
 Acq On : 1 May 2017 8:41  
 Operator : SJ/MA  
 Sample : I2846-19  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 JHT01

Manual Integrations  
 APPROVED

mohammad  
 5/1/2017 6:52:53 PM

Quant Time: May 12 16:44:50 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon May 01 06:49:04 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 217457   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.81 | 136  | 1014157  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.62 | 164  | 523865   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.35 | 188  | 951900   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.61 | 240  | 854055   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 24.79 | 264  | 872726   | 20.00 | ng/ul | 0.03     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.42  | 96  | 15248   | 3.16  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.19  | 99  | 367696  | 18.95 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.33  | 67  | 216016  | 18.93 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.68  | 132 | 1752    | 0.11  | ng/ul | 0.13 |
| 13) 4-Methylphenol-d8          | 8.72  | 113 | 276820  | 17.19 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.17  | 128 | 162751  | 19.20 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.89  | 143 | 180923  | 19.62 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.44 | 165 | 280680  | 19.16 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.94 | 131 | 314950  | 16.06 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.02 | 166 | 838715  | 19.89 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.32 | 160 | 1094247 | 20.66 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.84 | 143 | 158203  | 20.82 | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.61 | 176 | 728644  | 19.80 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.73 | 200 | 97453   | 16.86 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.45 | 188 | 995904  | 21.56 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.74 | 212 | 970598  | 21.53 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.57 | 264 | 896125  | 21.72 | ng/ul | 0.03 |

## Target Compounds

|                                |       |     |          |       | Qvalue |    |
|--------------------------------|-------|-----|----------|-------|--------|----|
| 6) Phenol                      | 7.22  | 94  | 24134    | 1.23  | ng/ul# | 79 |
| 44) Dimethylphthalate          | 14.07 | 163 | 187722   | 4.55  | ng/ul# | 96 |
| 73) Di-n-butylphthalate        | 18.30 | 149 | 467989   | 7.73  | ng/ul# | 96 |
| 77) Pyrene                     | 19.76 | 202 | 69333    | 1.21  | ng/ul# | 64 |
| 78) Butylbenzylphthalate       | 20.64 | 149 | 2489423  | 93.54 | ng/ul  | 92 |
| 81) Bis(2-ethylhexyl)phthalate | 21.49 | 149 | 1131144m | 29.78 | ng/ul  |    |

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

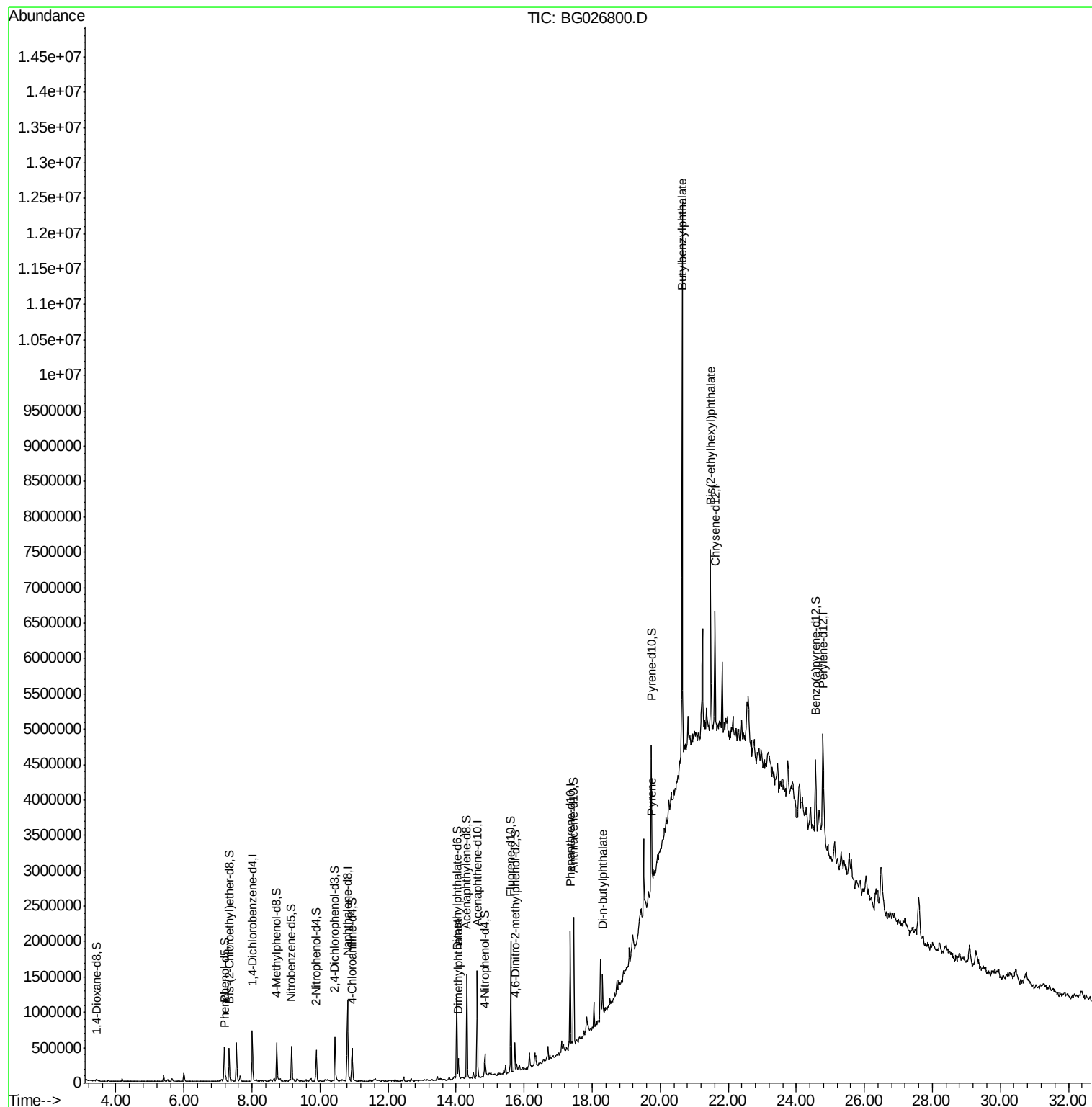
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG043017\  
Data File : BG026800.D  
Acq On : 1 May 2017 8:41  
Operator : SJ/MA  
Sample : I2846-19  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

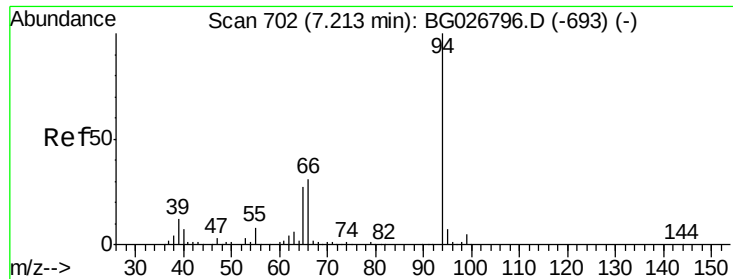
Instrument :  
BNA\_G  
ClientSampleId :  
JHT01

Manual Integrations  
APPROVED

mohammad  
5/1/2017 6:52:53 PM

Quant Time: May 12 16:44:50 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon May 01 06:49:04 2017  
Response via : Initial Calibration





#6

Phenol

Concen: 1.23 ng/ul

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG026800.D

Acq: 1 May 2017 8:41

Instrument :

BNA\_G

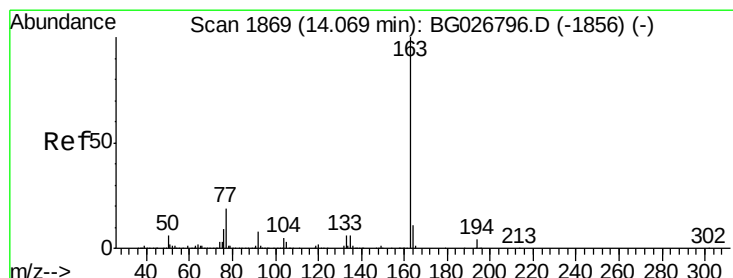
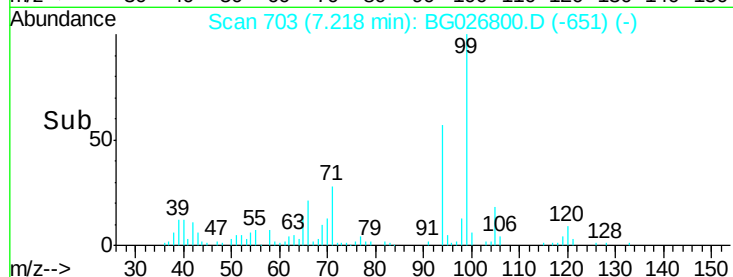
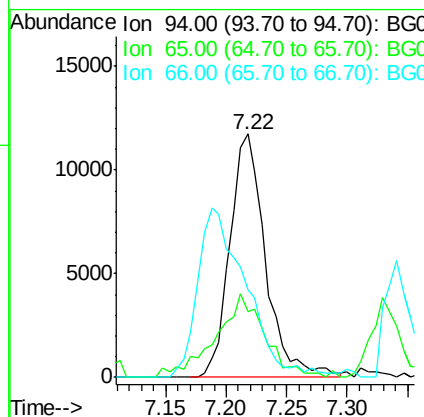
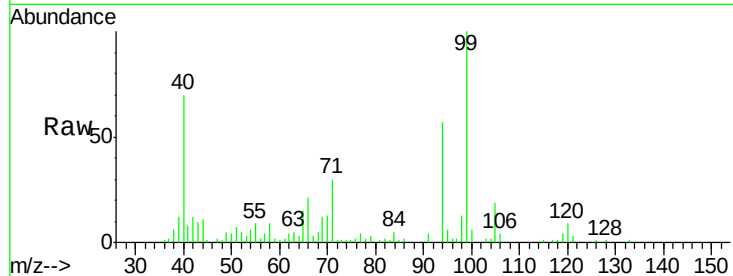
ClientSampleId :

JHT01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 94    | Resp: | 24134 |
| Ion Ratio | Lower | Upper |       |
| 94        | 100   |       |       |
| 65        | 26.8  | 26.8  | 40.2  |
| 66        | 36.2  | 44.4  | 66.6# |

Manual Integrations  
APPROVED

mohammad  
5/1/2017 6:52:53 PM



#44

Dimethylphthalate

Concen: 4.55 ng/ul

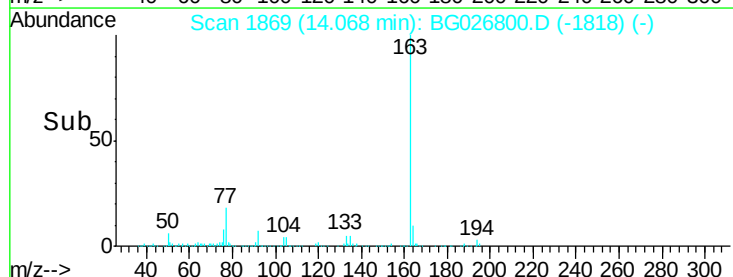
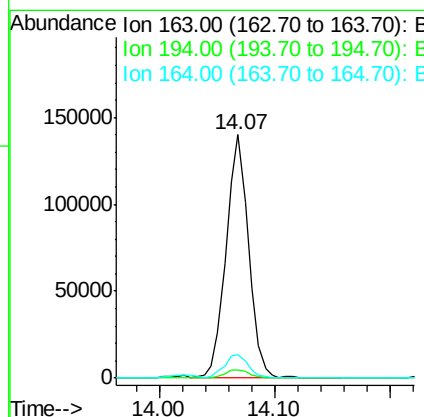
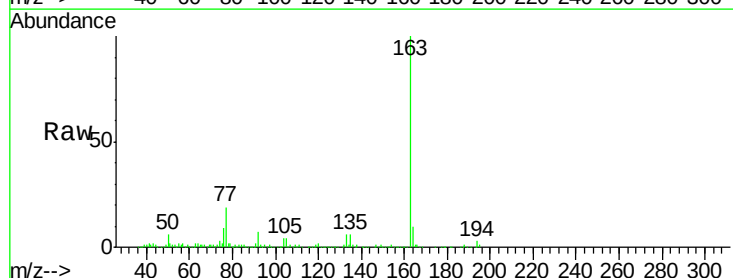
RT: 14.07 min Scan# 1869

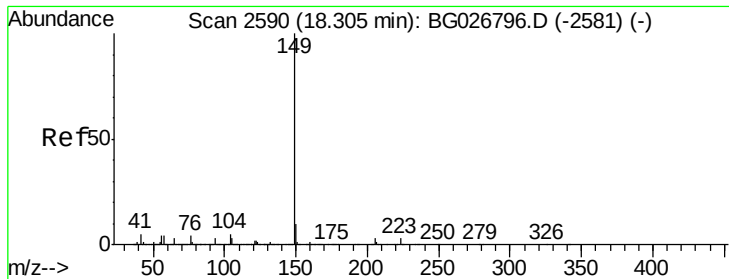
Delta R.T. -0.00 min

Lab File: BG026800.D

Acq: 1 May 2017 8:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 187722 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.3   | 3.4   | 5.0#   |
| 164       | 9.5   | 9.0   | 13.4   |





#73

Di-n-butylphthalate

Concen: 7.73 ng/ul

RT: 18.30 min Scan# 2590

Delta R.T. -0.00 min

Lab File: BG026800.D

Acq: 1 May 2017 8:41

Instrument :

BNA\_G

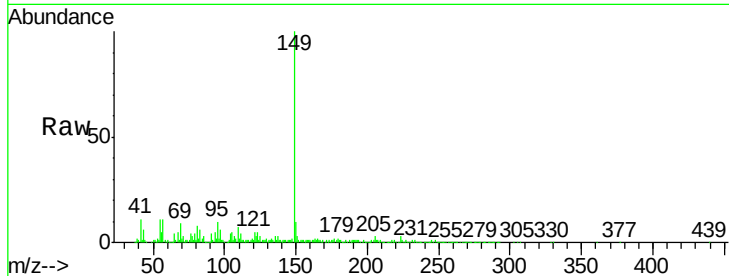
ClientSampleId :

JHT01

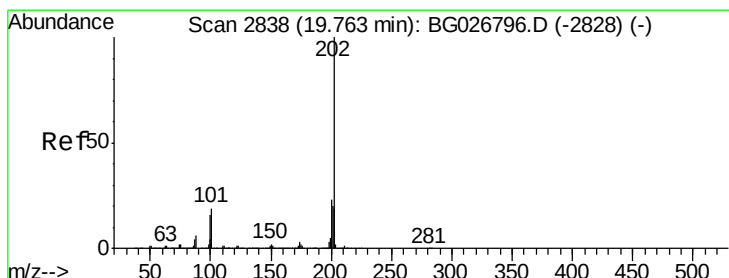
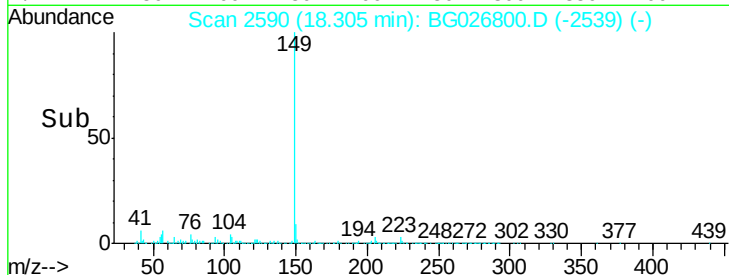
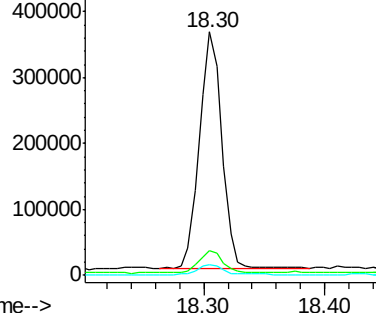
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 467989 |       |       |
| 150     | 10.1  | 7.9    | 11.9  |       |
| 104     | 4.4   | 5.8    | 8.8   |       |

Manual Integrations  
APPROVED

mohammad  
5/1/2017 6:52:53 PM



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E



#77

Pyrene

Concen: 1.21 ng/ul

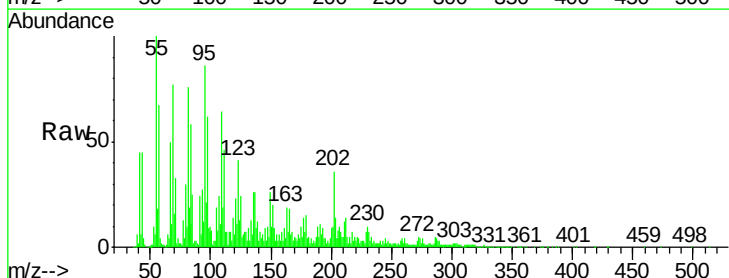
RT: 19.76 min Scan# 2838

Delta R.T. -0.00 min

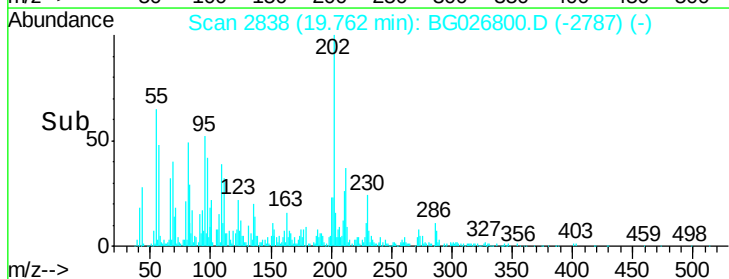
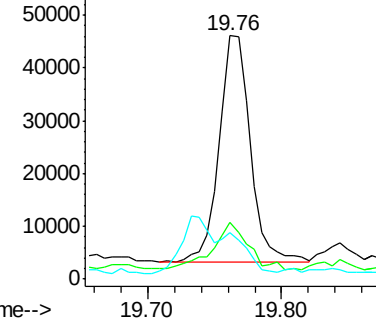
Lab File: BG026800.D

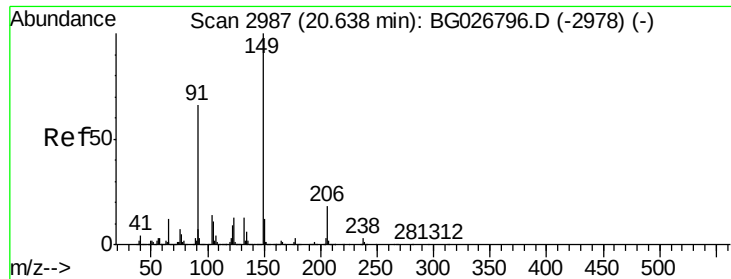
Acq: 1 May 2017 8:41

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 202     | 100   | 69333 |       |       |
| 101     | 23.3  | 6.9   | 10.3  |       |
| 100     | 19.0  | 6.6   | 10.0  |       |



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





#78

Butylbenzylphthalate

Concen: 93.54 ng/ul

RT: 20.64 min Scan# 2988

Delta R.T. 0.01 min

Lab File: BG026800.D

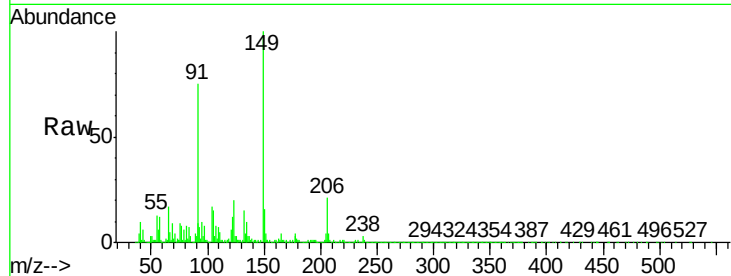
Acq: 1 May 2017 8:41

Instrument :

BNA\_G

ClientSampled :

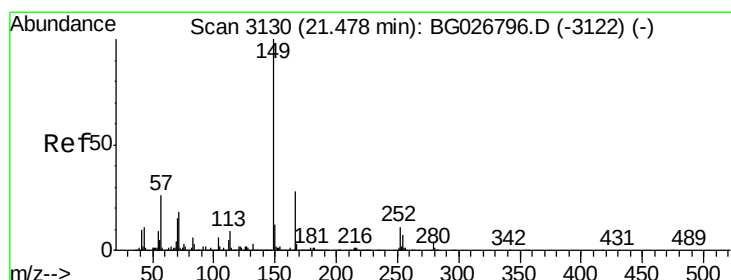
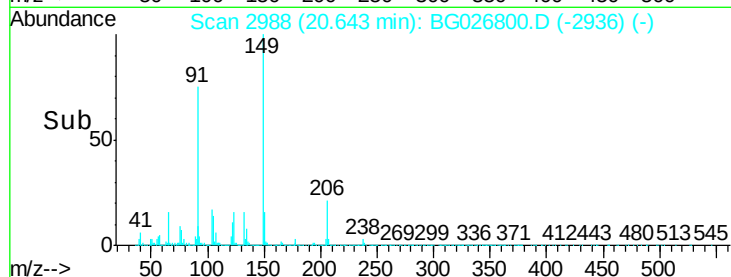
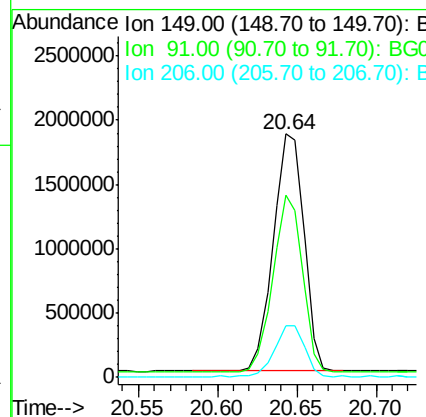
JHT01



|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 2489423 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 91       | 74.9  | 65.8  | 98.6    |
| 206      | 21.0  | 20.1  | 30.1    |

Manual Integrations  
APPROVED

mohammad  
5/1/2017 6:52:53 PM



#81

Bis(2-ethylhexyl)phthalate

Concen: 29.78 ng/ul m

RT: 21.49 min Scan# 3132

Delta R.T. 0.01 min

Lab File: BG026800.D

Acq: 1 May 2017 8:41

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1131144 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 167      | 29.0  | 21.8  | 32.8    |
| 279      | 3.9   | 4.5   | 6.7#    |

