

Data File : BG026842.D  
Acq On : 2 May 2017 14:11  
Operator : SJ/MA  
Sample : I2850-20  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
JHSZ0

Quant Time: May 03 00:59:46 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed May 03 00:58:45 2017  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 172787   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.81 | 136  | 883238   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.62 | 164  | 489171   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.36 | 188  | 894322   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.61 | 240  | 804795   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 24.77 | 264  | 826653   | 20.00 | ng/ul | 0.00     |

System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.42  | 96  | 18017   | 4.70  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.19  | 99  | 456355  | 29.60 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.33  | 67  | 276413  | 30.48 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.55  | 132 | 369317  | 28.21 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.72  | 113 | 356275  | 27.84 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.17  | 128 | 199105  | 26.97 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.89  | 143 | 215664  | 26.86 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.66 | 165 | 804     | 0.06  | ng/ul | 0.22 |
| 29) 4-Chloroaniline-d4         | 10.94 | 131 | 447751  | 26.22 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.02 | 166 | 1127951 | 28.65 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.32 | 160 | 1477383 | 29.87 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.85 | 143 | 147004  | 20.71 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.61 | 176 | 960296  | 27.94 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.73 | 200 | 105415  | 19.41 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.46 | 188 | 1308089 | 30.14 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.74 | 212 | 1251201 | 29.45 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.56 | 264 | 1193982 | 30.55 | ng/ul | 0.00 |

Target Compounds

|                                |       |     |        |      |        | Qvalue |
|--------------------------------|-------|-----|--------|------|--------|--------|
| 6) Phenol                      | 7.21  | 94  | 32242  | 2.06 | ng/ul  | 93     |
| 44) Dimethylphthalate          | 14.07 | 163 | 184748 | 4.79 | ng/ul  | 99     |
| 74) Fluoranthene               | 19.40 | 202 | 52927  | 1.13 | ng/ul# | 77     |
| 77) Pyrene                     | 19.77 | 202 | 65320  | 1.21 | ng/ul# | 82     |
| 81) Bis(2-ethylhexyl)phthalate | 21.48 | 149 | 71934  | 2.01 | ng/ul  | 96     |
| 85) Benzo(b)fluoranthene       | 23.77 | 252 | 61760  | 1.31 | ng/ul# | 45     |
| 91) Benzo(g,h,i)perylene       | 29.52 | 276 | 51079  | 1.12 | ng/ul# | 71     |

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

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ALS Vial : 39 Sample Multiplier: 1

Instrument :

BNA\_G

ClientSampleId :

JHSZ0

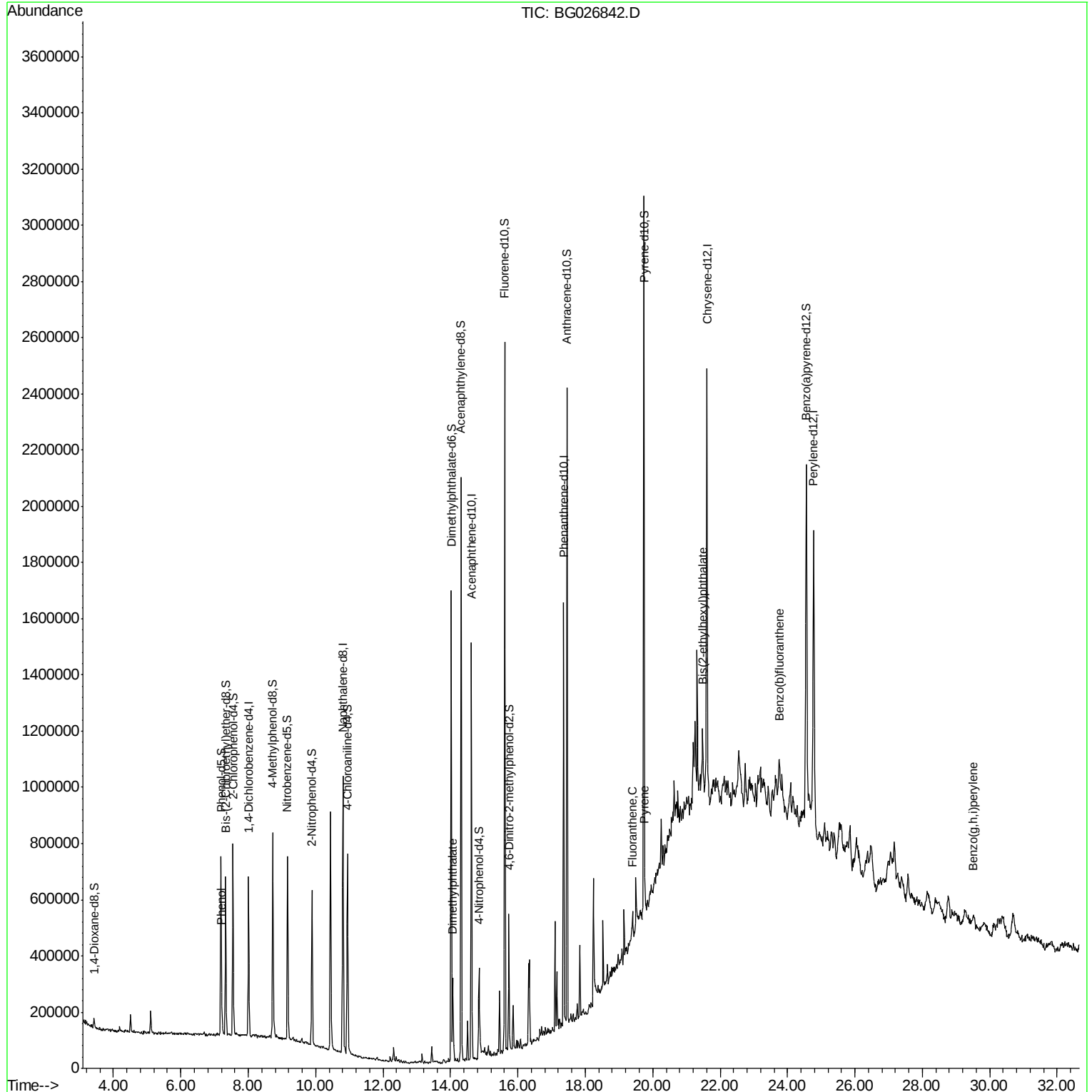
Quant Time: May 03 00:59:46 2017

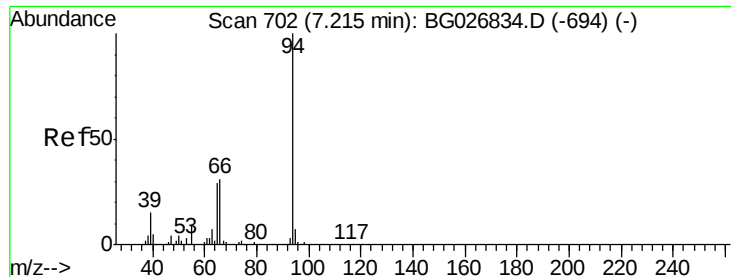
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 03 00:58:45 2017

Response via : Initial Calibration





#6

Phenol

Concen: 2.06 ng/ul

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

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Acq: 2 May 2017 14:11

Instrument :

BNA\_G

ClientSampleId :

JHSZ0

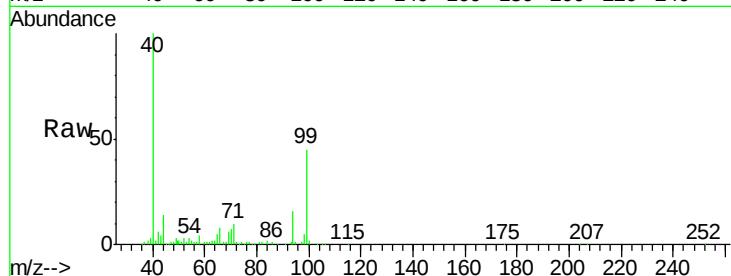
Tgt Ion: 94 Resp: 32242

Ion Ratio Lower Upper

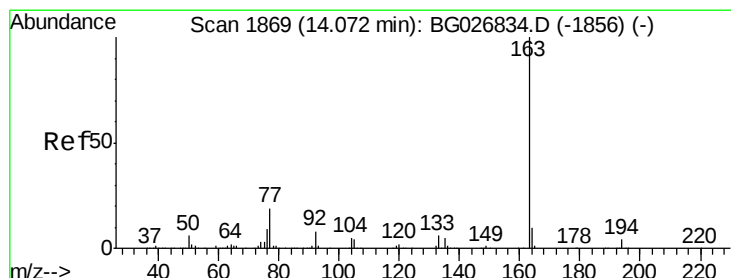
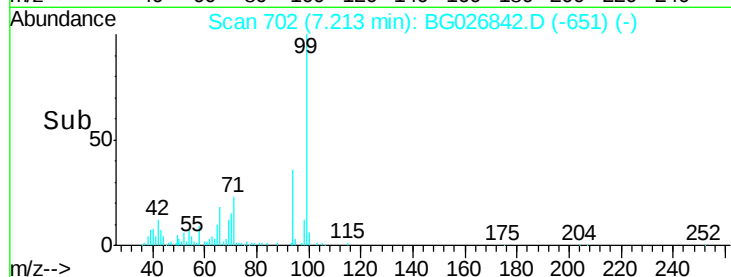
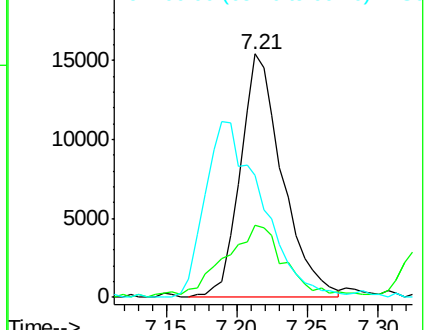
94 100

65 29.6 26.8 40.2

66 50.1 44.4 66.6



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 4.79 ng/ul

RT: 14.07 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BG026842.D

Acq: 2 May 2017 14:11

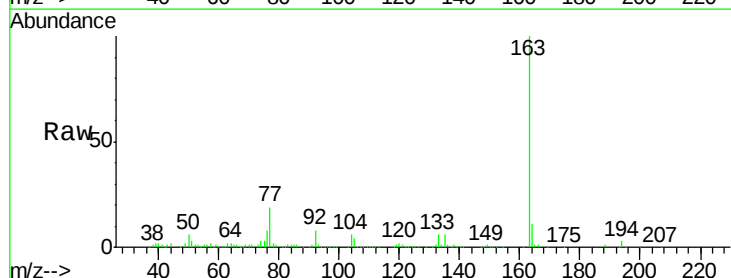
Tgt Ion: 163 Resp: 184748

Ion Ratio Lower Upper

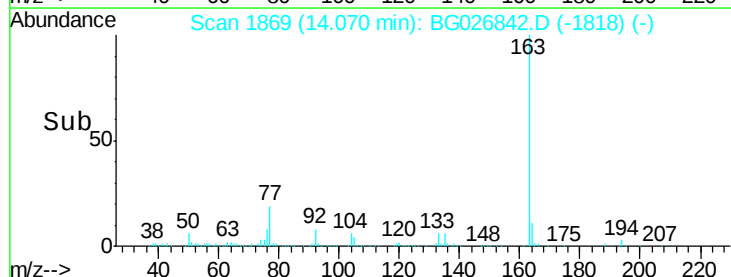
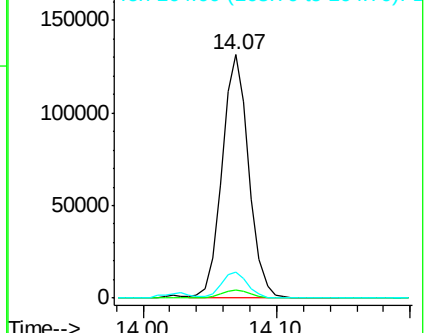
163 100

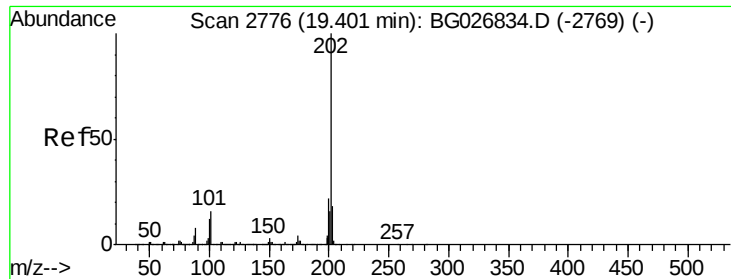
194 3.5 3.4 5.0

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





#74

Fluoranthene

Concen: 1.13 ng/ul

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG026842.D

Acq: 2 May 2017 14:11

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ClientSampleId :

JHSZ0

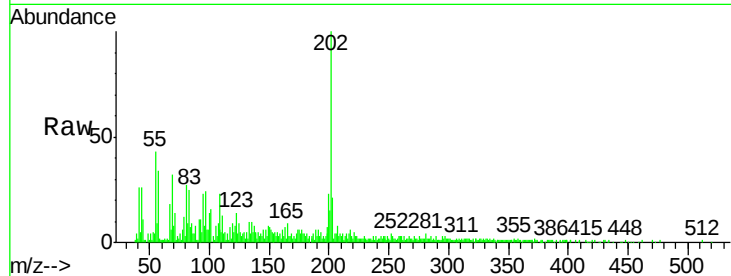
Tgt Ion:202 Resp: 52927

Ion Ratio Lower Upper

202 100

101 15.9 6.2 9.2#

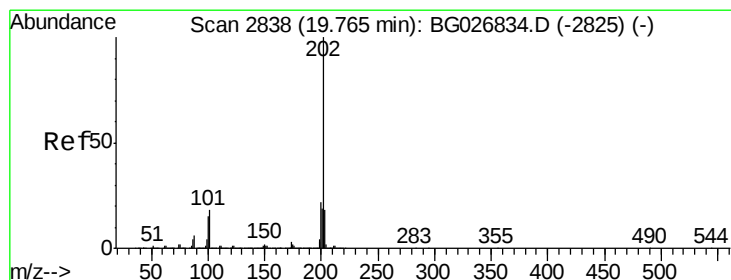
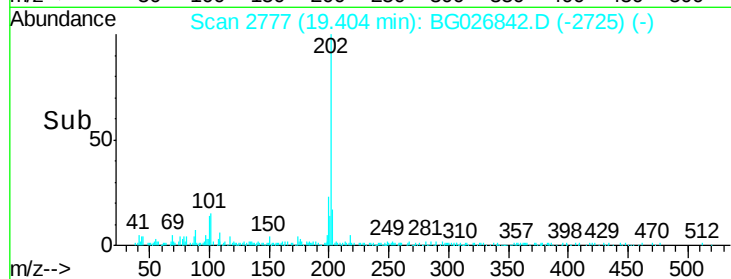
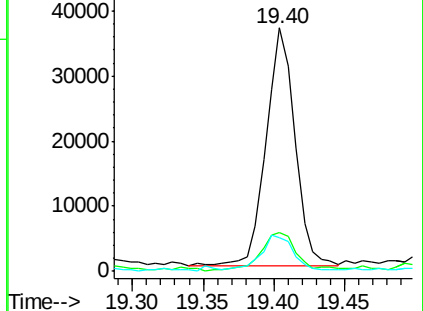
100 13.9 5.2 7.8#



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



#77

Pyrene

Concen: 1.21 ng/ul

RT: 19.77 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BG026842.D

Acq: 2 May 2017 14:11

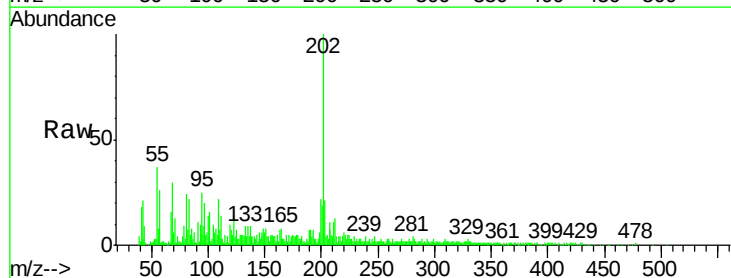
Tgt Ion:202 Resp: 65320

Ion Ratio Lower Upper

202 100

101 15.9 6.9 10.3#

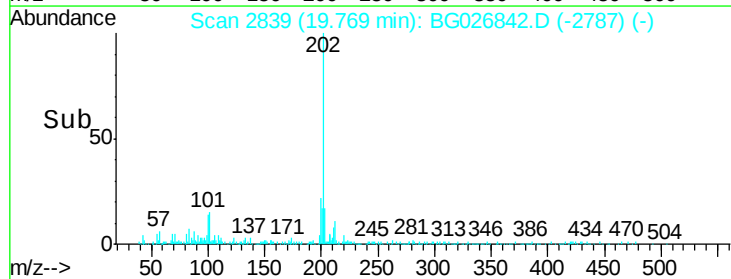
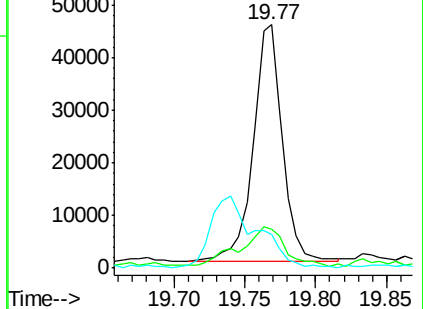
100 13.8 6.6 10.0#

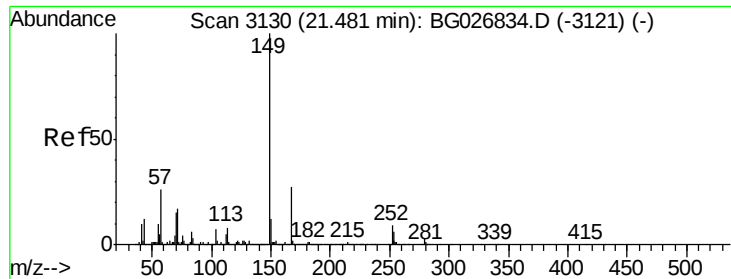


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

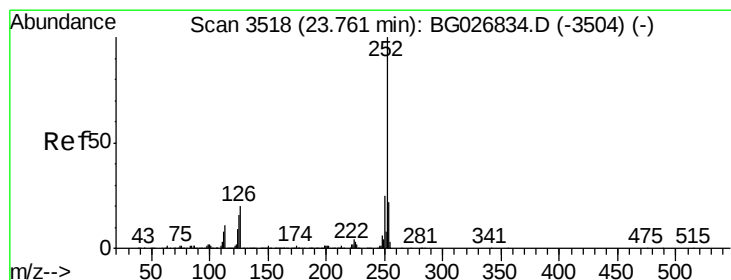
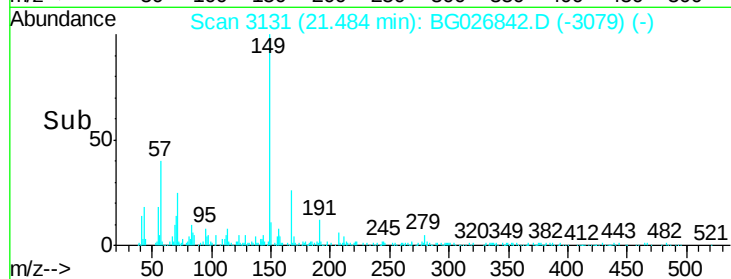
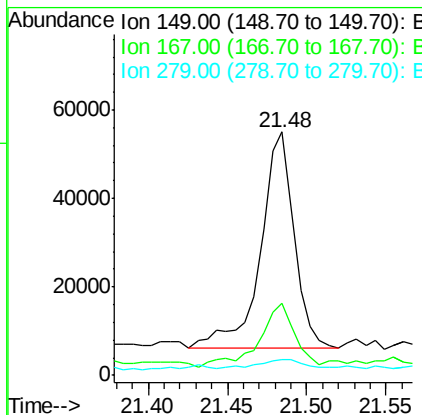
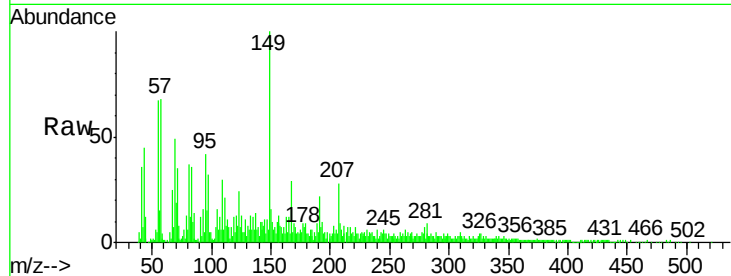




#81  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.01 ng/ul  
 RT: 21.48 min Scan# 3131  
 Delta R.T. 0.00 min  
 Lab File: BG026842.D  
 Acq: 2 May 2017 14:11

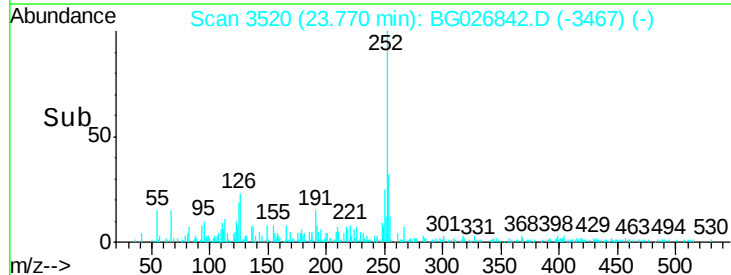
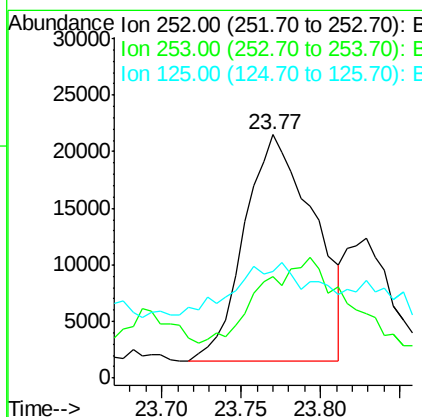
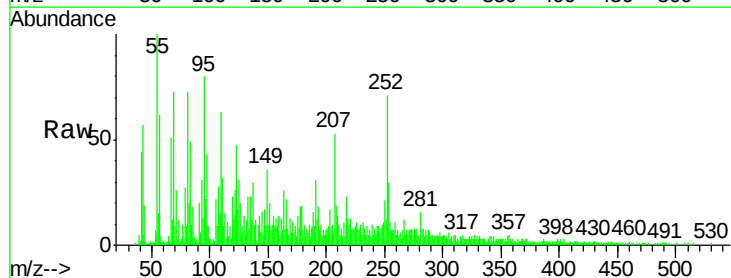
Instrument :  
 BNA\_G  
 ClientSampleId :  
 JHSZ0

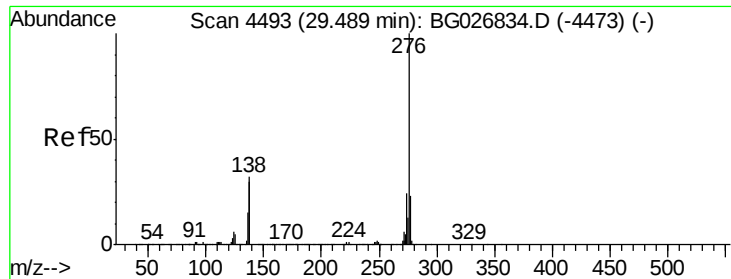
Tgt Ion:149 Resp: 71934  
 Ion Ratio Lower Upper  
 149 100  
 167 29.5 21.8 32.8  
 279 6.7 4.5 6.7



#85  
 Benzo(b)fluoranthene  
 Concen: 1.31 ng/ul  
 RT: 23.77 min Scan# 3520  
 Delta R.T. 0.01 min  
 Lab File: BG026842.D  
 Acq: 2 May 2017 14:11

Tgt Ion:252 Resp: 61760  
 Ion Ratio Lower Upper  
 252 100  
 253 41.7 17.7 26.5#  
 125 43.6 4.0 6.0#





#91

Benzo(g,h,i)perylene

Concen: 1.12 ng/ul

RT: 29.52 min Scan# 4499

Delta R.T. 0.03 min

Lab File: BG026842.D

Acq: 2 May 2017 14:11

Instrument :

BNA\_G

ClientSampleId :

JHSZ0

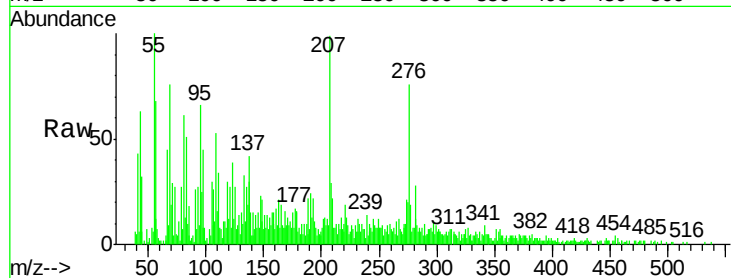
Tgt Ion: 276 Resp: 51079

Ion Ratio Lower Upper

276 100

138 38.9 8.6 12.8#

277 25.5 17.6 26.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

