

Data File : BM009821.D  
Acq On : 30 Apr 2017 20:44  
Operator : SJ/MA  
Sample : I2849-03  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
JHSQ4

Quant Time: May 01 02:29:45 2017  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM042517.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon May 01 02:28:42 2017  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.81  | 152  | 171002   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.60 | 136  | 732154   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.46 | 164  | 444410   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.21 | 188  | 1095774  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.40 | 240  | 1288352  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.72 | 264  | 1063254  | 20.00 | ng/ul | 0.02     |

System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.29  | 96  | 17585   | 4.74  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.98  | 99  | 497838  | 26.80 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.15  | 67  | 354670  | 28.00 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.34  | 132 | 352316  | 29.81 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.52  | 113 | 384888  | 26.58 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.98  | 128 | 179604  | 30.14 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.70  | 143 | 203356  | 32.44 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.23 | 165 | 372016  | 29.67 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.75 | 131 | 364885  | 24.15 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.87 | 166 | 1177942 | 30.47 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.15 | 160 | 1541964 | 33.07 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.67 | 143 | 194246  | 26.04 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.46 | 176 | 1144358 | 32.79 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.59 | 200 | 150138  | 19.42 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.31 | 188 | 1893412 | 33.65 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.61 | 212 | 2167825 | 38.13 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.57 | 264 | 1723889 | 33.34 | ng/ul | 0.02 |

Target Compounds

|                                |       |     |         |        |        | Qvalue |
|--------------------------------|-------|-----|---------|--------|--------|--------|
| 6) Phenol                      | 7.00  | 94  | 50305   | 2.62   | ng/ul# | 67     |
| 16) 4-Methylphenol             | 8.58  | 108 | 27238   | 1.78   | ng/ul  | 96     |
| 44) Dimethylphthalate          | 13.92 | 163 | 103667  | 2.71   | ng/ul# | 97     |
| 73) Di-n-butylphthalate        | 18.17 | 149 | 747410  | 10.35  | ng/ul# | 96     |
| 78) Butylbenzylphthalate       | 20.53 | 149 | 4685532 | 155.29 | ng/ul  | 90     |
| 81) Bis(2-ethylhexyl)phthalate | 21.29 | 149 | 527000  | 11.53  | ng/ul  | 95     |

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

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ClientSampleId :

JHSQ4

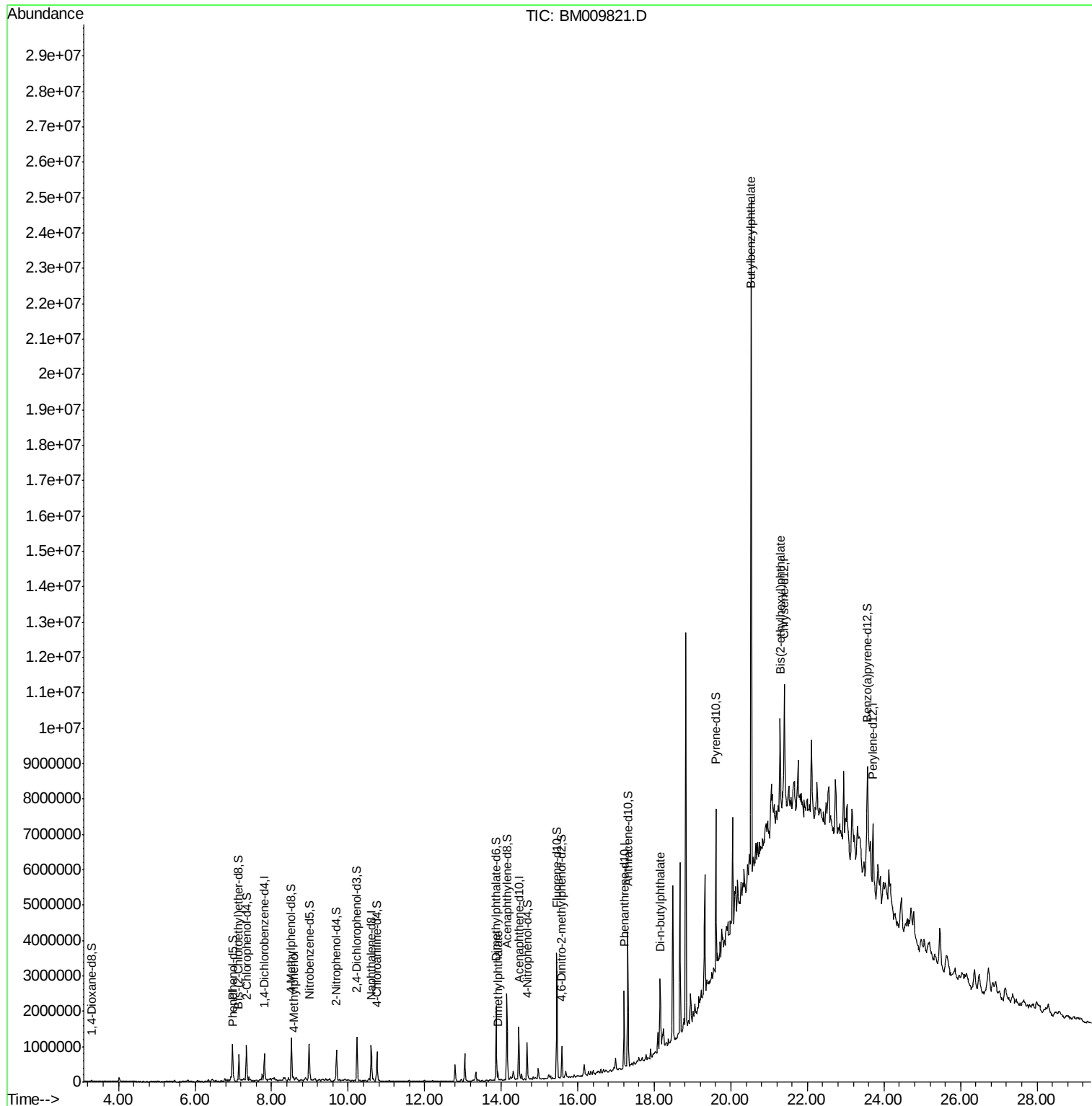
Quant Time: May 01 02:29:45 2017

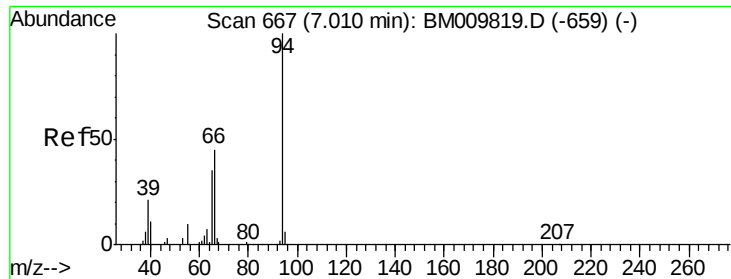
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM042517.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon May 01 02:28:42 2017

Response via : Initial Calibration





#6

Phenol

Concen: 2.62 ng/ul

RT: 7.00 min Scan# 666

Delta R.T. -0.01 min

Lab File: BM009821.D

Acq: 30 Apr 2017 20:44

Instrument :

BNA\_M

ClientSampleId :

JHSQ4

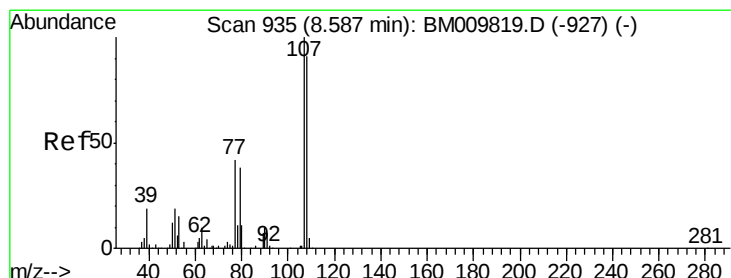
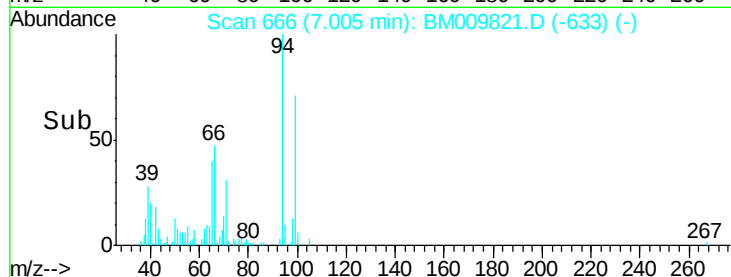
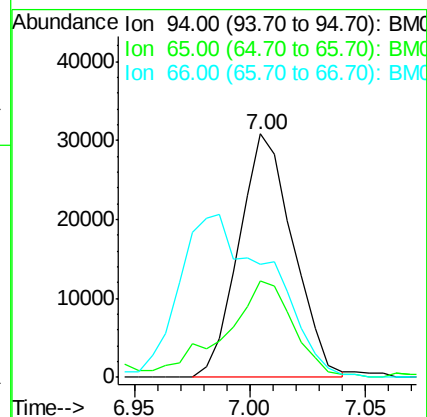
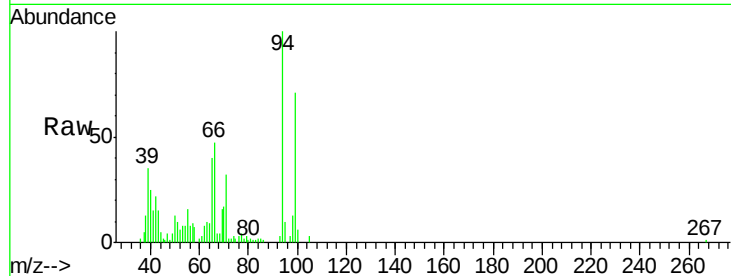
Tgt Ion: 94 Resp: 50305

Ion Ratio Lower Upper

94 100

65 39.7 39.8 59.6#

66 46.6 69.9 104.9#



#16

4-Methylphenol

Concen: 1.78 ng/ul

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BM009821.D

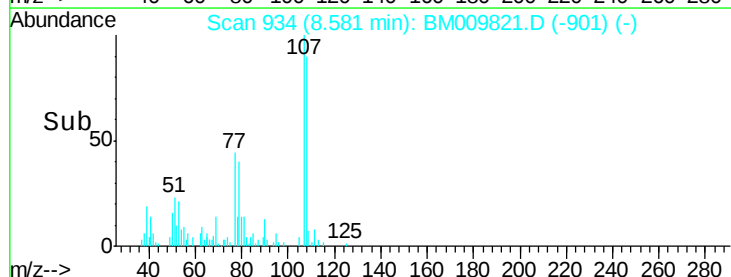
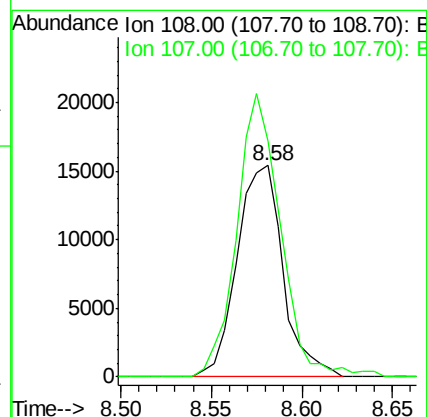
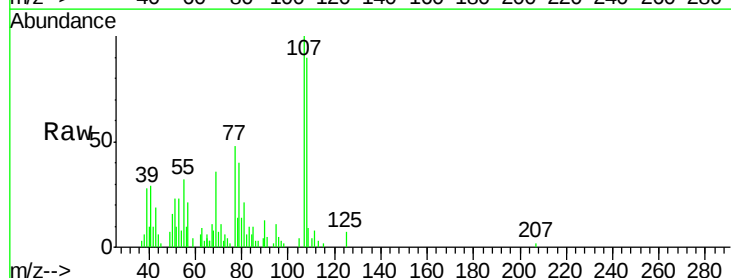
Acq: 30 Apr 2017 20:44

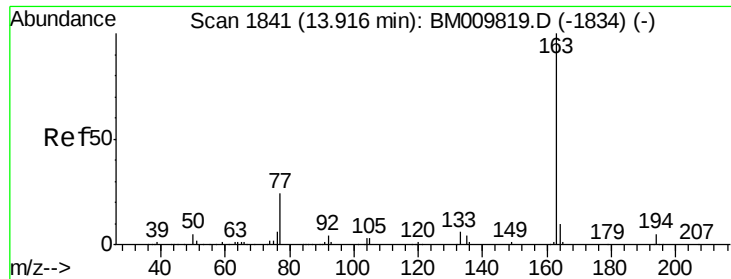
Tgt Ion: 108 Resp: 27238

Ion Ratio Lower Upper

108 100

107 111.5 93.1 139.7





#44

Dimethylphthalate

Concen: 2.71 ng/ul

RT: 13.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BM009821.D

Acq: 30 Apr 2017 20:44

Instrument :

BNA\_M

ClientSampleId :

JHSQ4

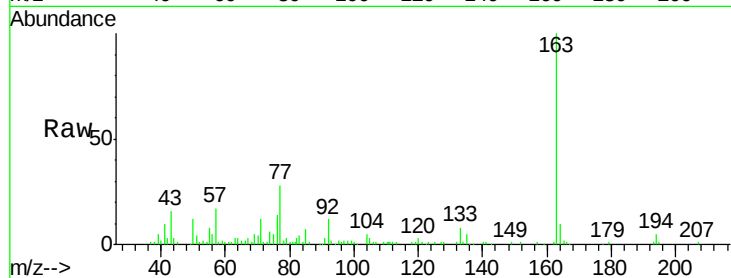
Tgt Ion:163 Resp: 103667

Ion Ratio Lower Upper

163 100

194 5.1 3.0 4.6#

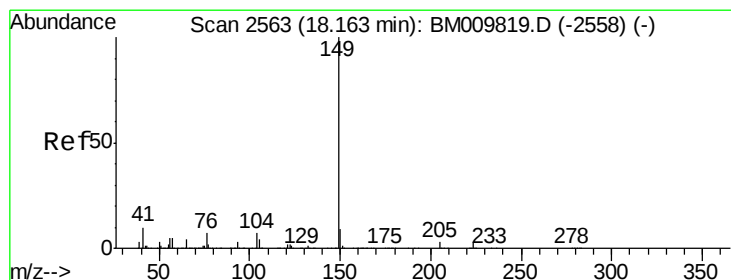
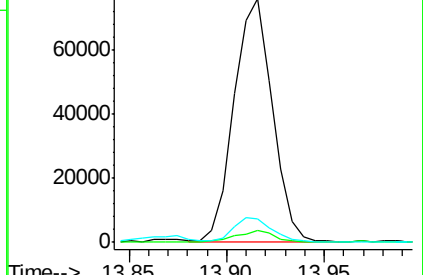
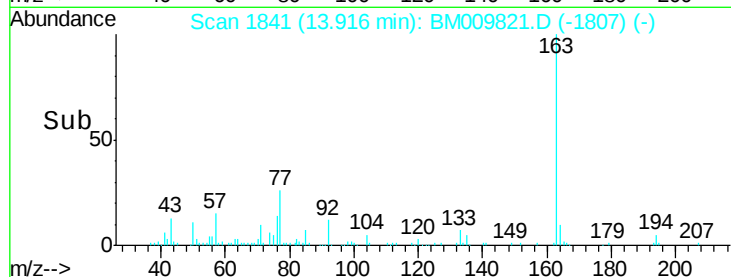
164 9.7 8.6 12.8



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



#73

Di-n-butylphthalate

Concen: 10.35 ng/ul

RT: 18.17 min Scan# 2564

Delta R.T. 0.01 min

Lab File: BM009821.D

Acq: 30 Apr 2017 20:44

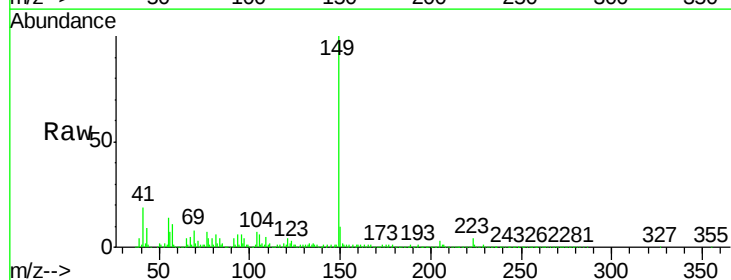
Tgt Ion:149 Resp: 747410

Ion Ratio Lower Upper

149 100

150 9.7 7.1 10.7

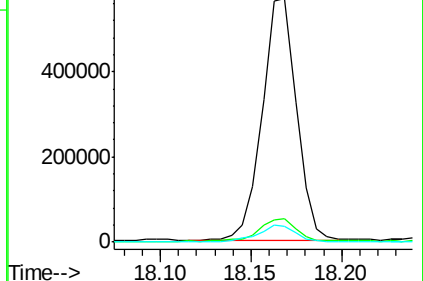
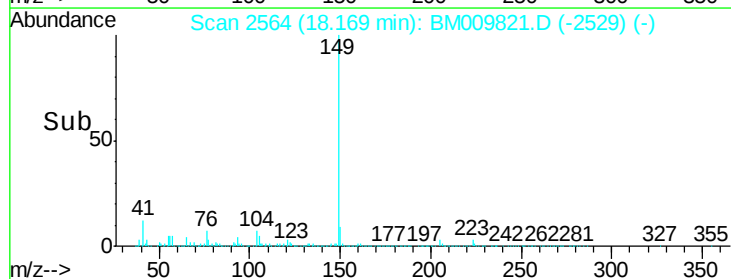
104 6.6 6.9 10.3#

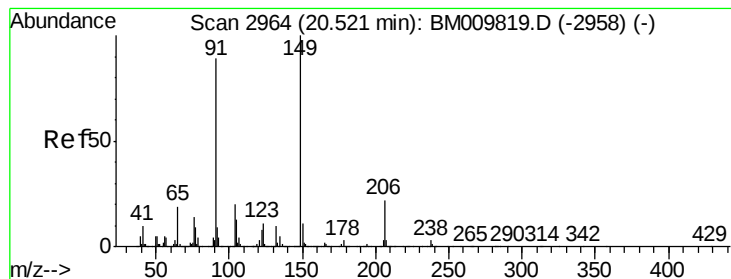


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#78

Butylbenzylphthalate

Concen: 155.29 ng/ul

RT: 20.53 min Scan# 2965

Delta R.T. 0.01 min

Lab File: BM009821.D

Acq: 30 Apr 2017 20:44

Instrument :

BNA\_M

ClientSampleId :

JHSQ4

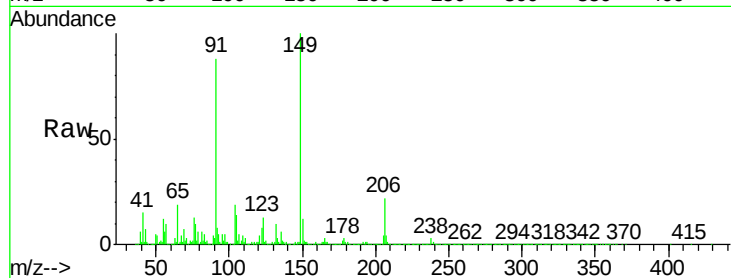
Tgt Ion:149 Resp: 4685532

Ion Ratio Lower Upper

149 100

91 88.4 80.0 120.0

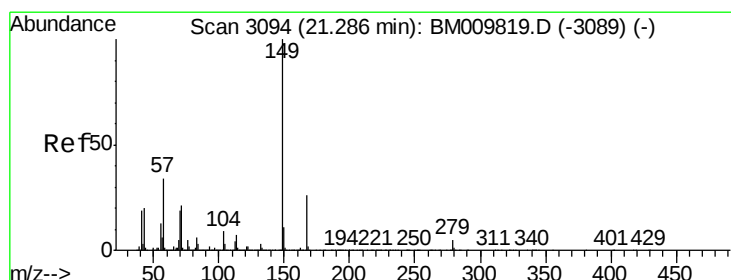
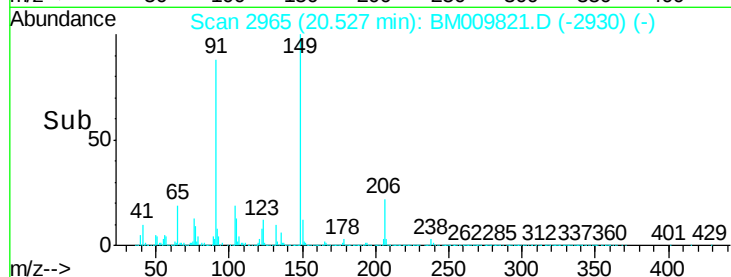
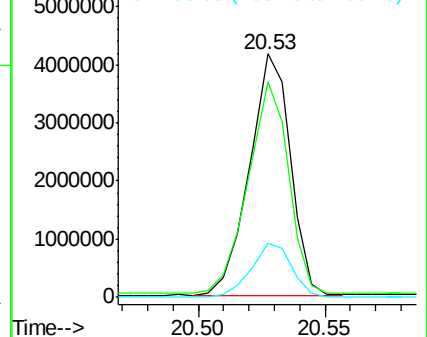
206 22.1 19.1 28.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 11.53 ng/ul

RT: 21.29 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM009821.D

Acq: 30 Apr 2017 20:44

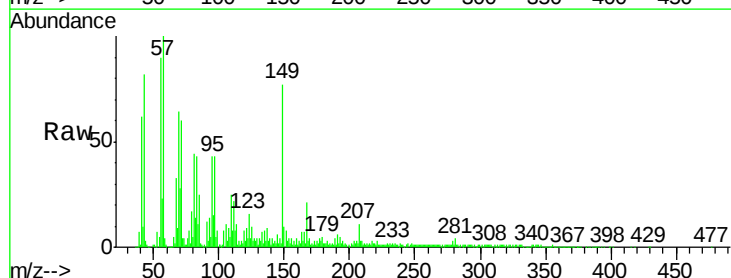
Tgt Ion:149 Resp: 527000

Ion Ratio Lower Upper

149 100

167 27.8 20.2 30.2

279 4.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

