

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\  
 Data File : BM014366.D  
 Acq On : 26 Feb 2018 21:00  
 Operator : SJ/JU  
 Sample : J1631-19  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Feb 27 03:24:51 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Feb 27 03:22:24 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.52  | 152  | 166173   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.29 | 136  | 756866   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.19 | 164  | 425725   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.94 | 188  | 829216   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.16 | 240  | 560370   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.33 | 264  | 508208   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.10  | 96  | 14269   | 3.68  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.72  | 99  | 364979  | 25.99 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.87  | 67  | 224891  | 26.45 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.06  | 132 | 306551  | 28.47 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.25  | 113 | 330598  | 26.90 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.69  | 128 | 151062  | 27.01 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.40  | 143 | 168105  | 29.04 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.93  | 165 | 304473  | 25.39 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.45 | 131 | 370049  | 31.33 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.60 | 166 | 1028334 | 29.25 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.87 | 160 | 1290020 | 29.76 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.44 | 143 | 95475   | 19.67 | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.19 | 176 | 845304  | 26.84 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.34 | 200 | 31960   | 6.42  | ng/ul | 0.01 |
| 70) Anthracene-d10             | 17.04 | 188 | 1244517 | 31.11 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.35 | 212 | 1135190 | 39.28 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.19 | 264 | 761319  | 30.78 | ng/ul | 0.01 |

## Target Compounds

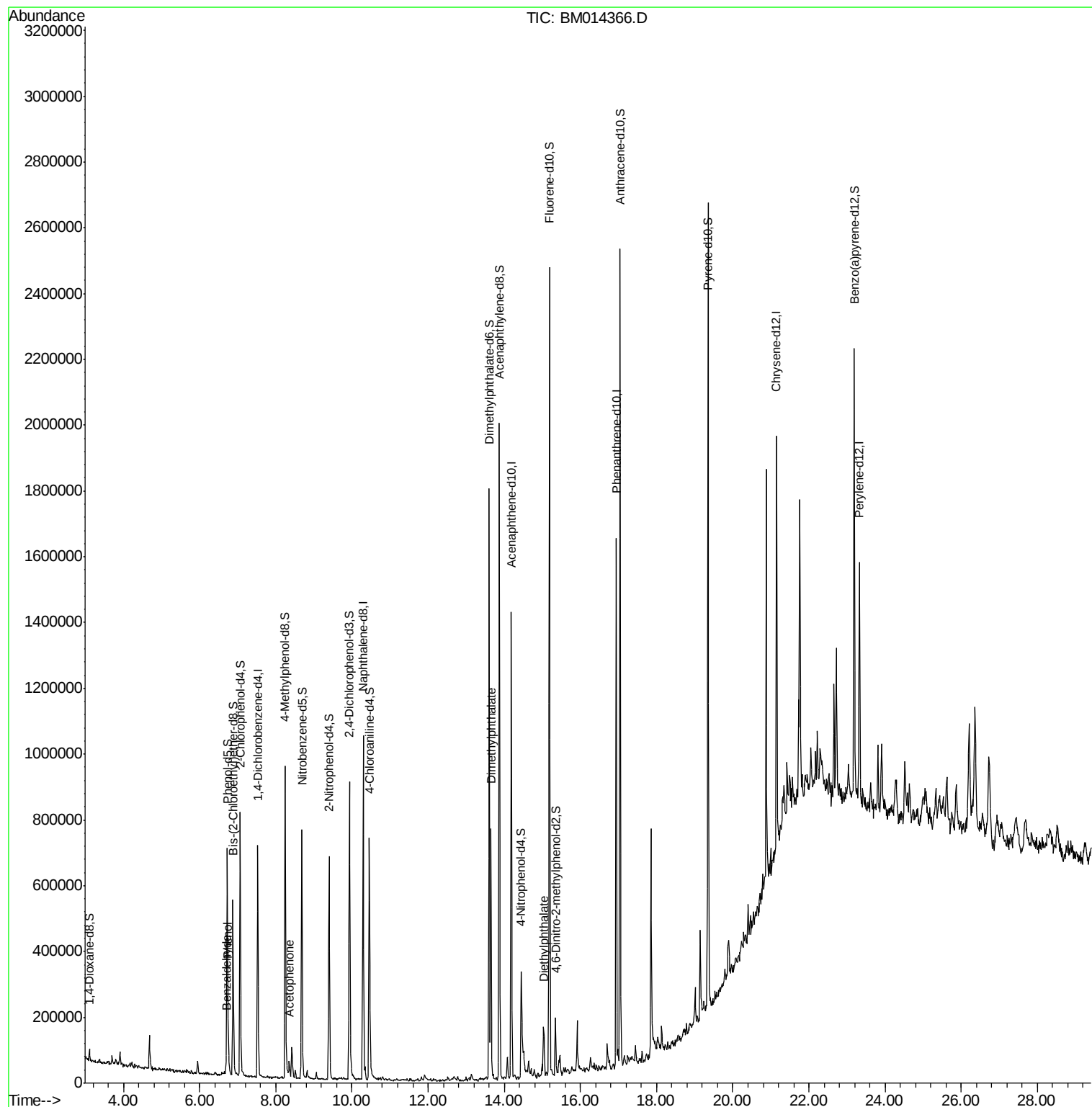
|                       |       |     |        | Ovalue |           |
|-----------------------|-------|-----|--------|--------|-----------|
| 4) Benzaldehyde       | 6.69  | 77  | 12739  | 2.225  | ng/ul 92  |
| 6) Phenol             | 6.75  | 94  | 43215  | 2.932  | ng/ul# 94 |
| 14) Acetophenone      | 8.36  | 105 | 23941  | 1.129  | ng/ul# 84 |
| 44) Dimethylphthalate | 13.65 | 163 | 413856 | 11.938 | ng/ul 99  |
| 56) Diethylphthalate  | 15.03 | 149 | 64386  | 1.667  | ng/ul 98  |

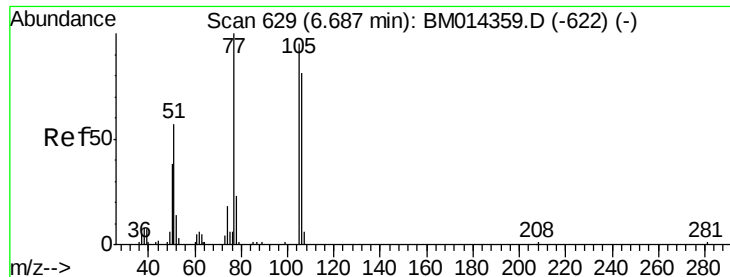
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 2.225 ng/ul

RT: 6.69 min Scan# 630

Delta R.T. 0.01 min

Lab File: BM014366.D

Acq: 26 Feb 2018 21:00

Instrument :

BNA\_M

ClientSampled :

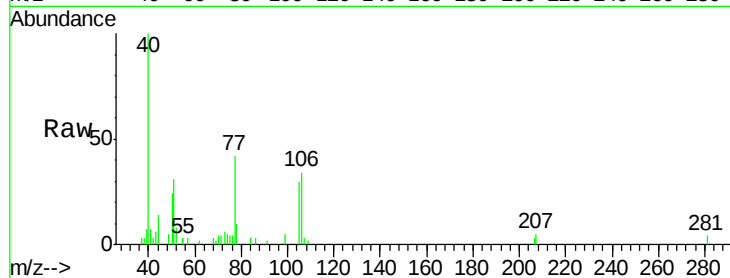
Tot Ion: 77 Resp: 12739

Ion Ratio Lower Upper

77 100

105 71.3 66.1 99.1

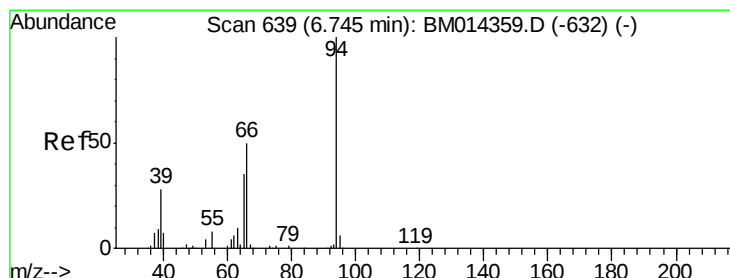
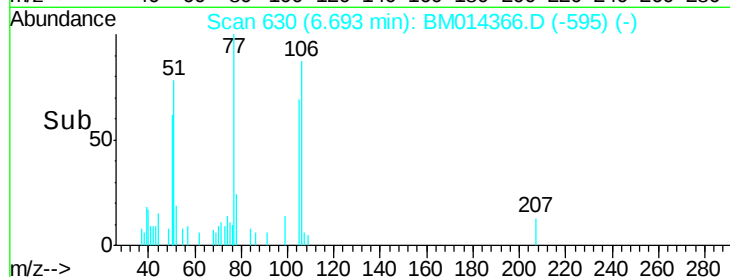
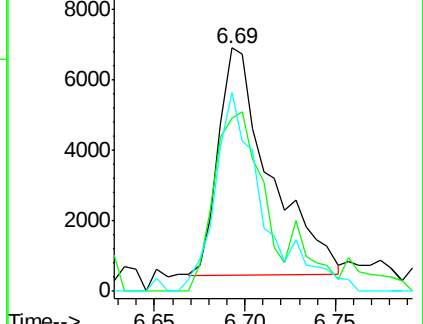
106 81.4 67.8 101.6



Abundance Ion 77.00 (76.70 to 77.70): BM014359.D (-622) (-)

Ion 105.00 (104.70 to 105.70): BM014359.D (-622) (-)

Ion 106.00 (105.70 to 106.70): BM014359.D (-622) (-)



#6

Phenol

Concen: 2.932 ng/ul

RT: 6.75 min Scan# 640

Delta R.T. 0.01 min

Lab File: BM014366.D

Acq: 26 Feb 2018 21:00

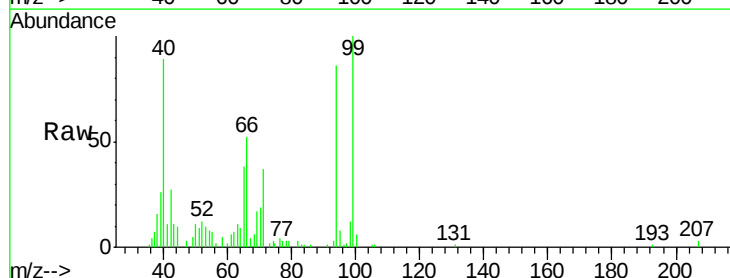
Tgt Ion: 94 Resp: 43215

Ion Ratio Lower Upper

94 100

65 44.4 28.2 42.4#

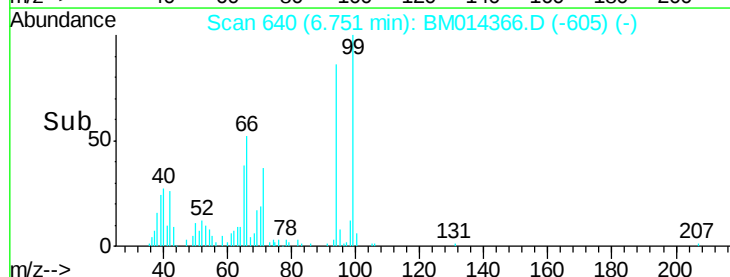
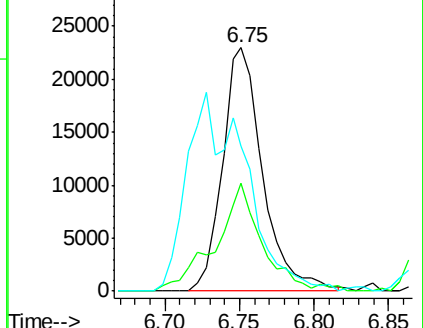
66 59.7 47.2 70.8

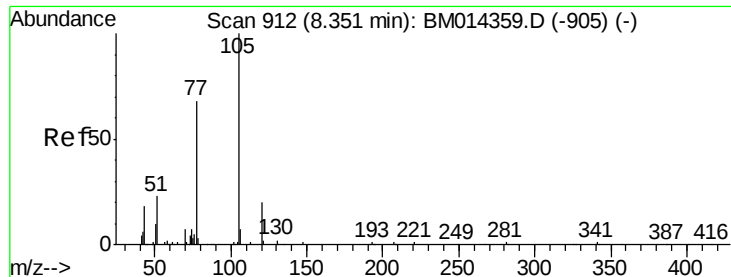


Abundance Ion 94.00 (93.70 to 94.70): BM014359.D (-632) (-)

Ion 65.00 (64.70 to 65.70): BM014359.D (-632) (-)

Ion 66.00 (65.70 to 66.70): BM014359.D (-632) (-)





#14

Acetophenone

Concen: 1.129 ng/ul

RT: 8.36 min Scan# 913

Delta R.T. 0.01 min

Lab File: BM014366.D

Acq: 26 Feb 2018 21:00

Instrument :

BNA\_M

ClientSampleId :

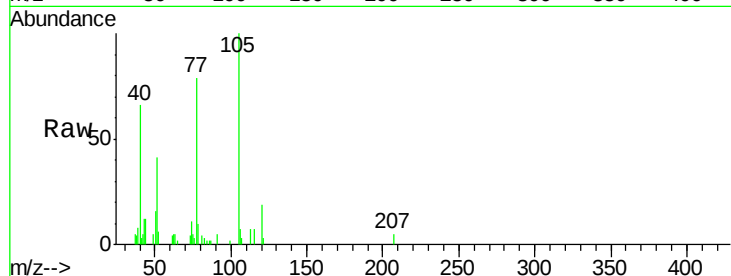
Tot Ion:105 Resp: 23941

Ion Ratio Lower Upper

105 100

77 78.9 74.2 111.4

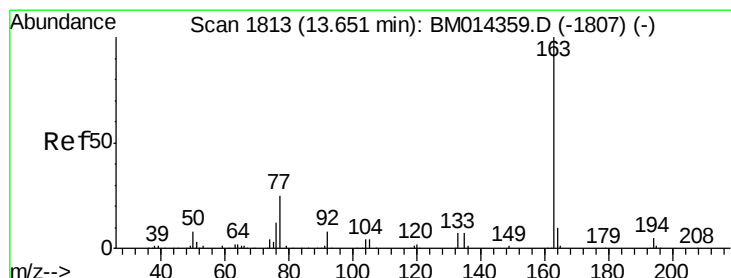
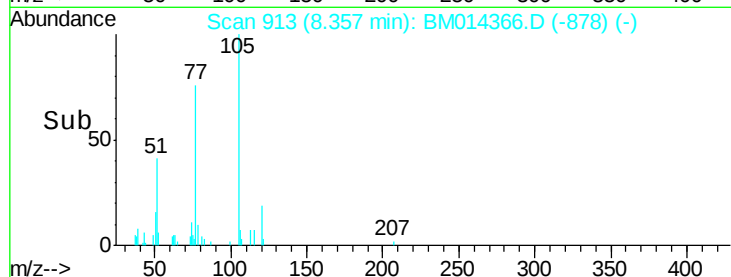
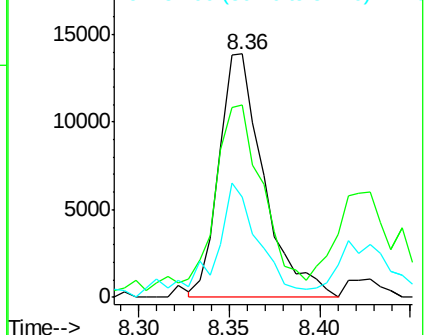
51 41.4 23.4 35.2#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#44

Dimethylphthalate

Concen: 11.938 ng/ul

RT: 13.65 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BM014366.D

Acq: 26 Feb 2018 21:00

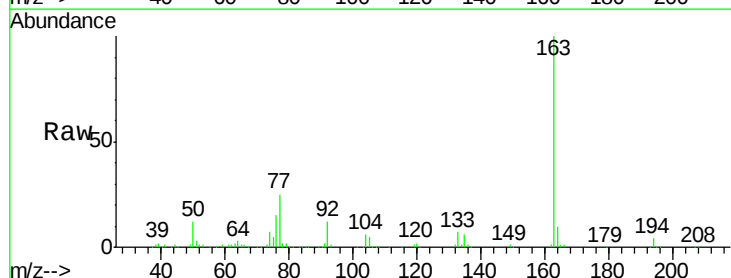
Tgt Ion:163 Resp: 413856

Ion Ratio Lower Upper

163 100

194 3.7 3.5 5.3

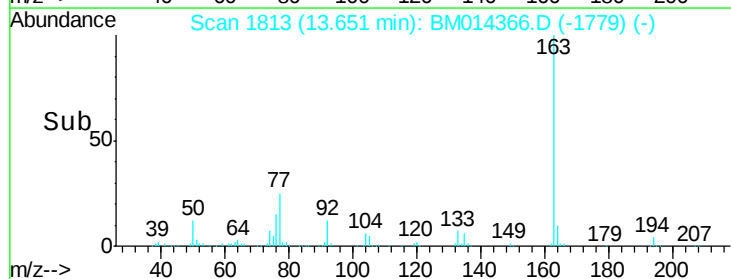
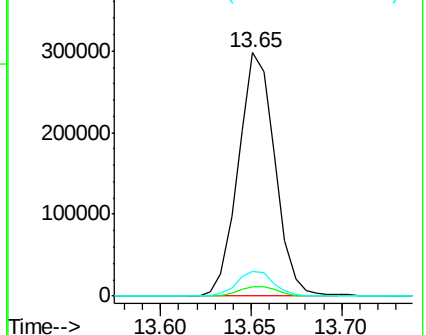
164 10.0 8.2 12.4

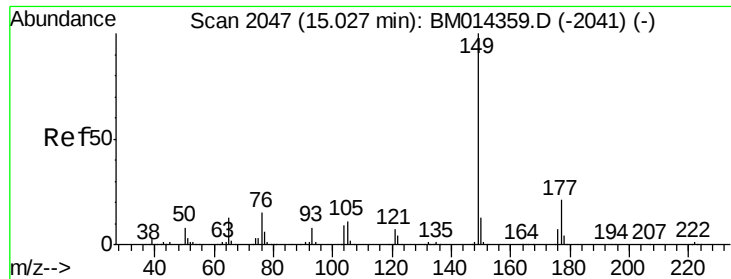


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#56  
 Diethylphthalate  
 Concen: 1.667 ng/ul  
 RT: 15.03 min Scan# 2047  
 Delta R.T. 0.00 min  
 Lab File: BM014366.D  
 Acq: 26 Feb 2018 21:00

Instrument :  
 BNA\_M  
 ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 149   | Resp: | 64386 |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 177      | 24.6  | 20.5  | 30.7  |
| 150      | 14.1  | 10.6  | 15.8  |

