

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\  
 Data File : BM012258.D  
 Acq On : 17 Oct 2017 20:59  
 Operator : SJ/JU  
 Sample : I5664-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 18 02:21:33 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 18 02:19:46 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.79  | 152  | 179503   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.59 | 136  | 813686   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.44 | 164  | 480683   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.19 | 188  | 1381495  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.37 | 240  | 1733703  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.67 | 264  | 1586876  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.20  | 96  | 6850    | 1.81  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.96  | 99  | 193369  | 13.28 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.12  | 67  | 121641  | 13.93 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.32  | 132 | 165301  | 13.38 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.50  | 113 | 178353  | 14.22 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.96  | 128 | 83282   | 13.41 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.68  | 143 | 98741   | 13.61 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.22 | 165 | 179157  | 12.93 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.74 | 131 | 227227  | 17.53 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.85 | 166 | 602571  | 14.18 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.13 | 160 | 701932  | 13.65 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.68 | 143 | 68870   | 10.78 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.44 | 176 | 587187  | 16.84 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.59 | 200 | 83467   | 8.80  | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.29 | 188 | 955685  | 13.99 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.59 | 212 | 1013220 | 11.51 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.53 | 264 | 1019638 | 13.33 | ng/ul | 0.00 |

## Target Compounds

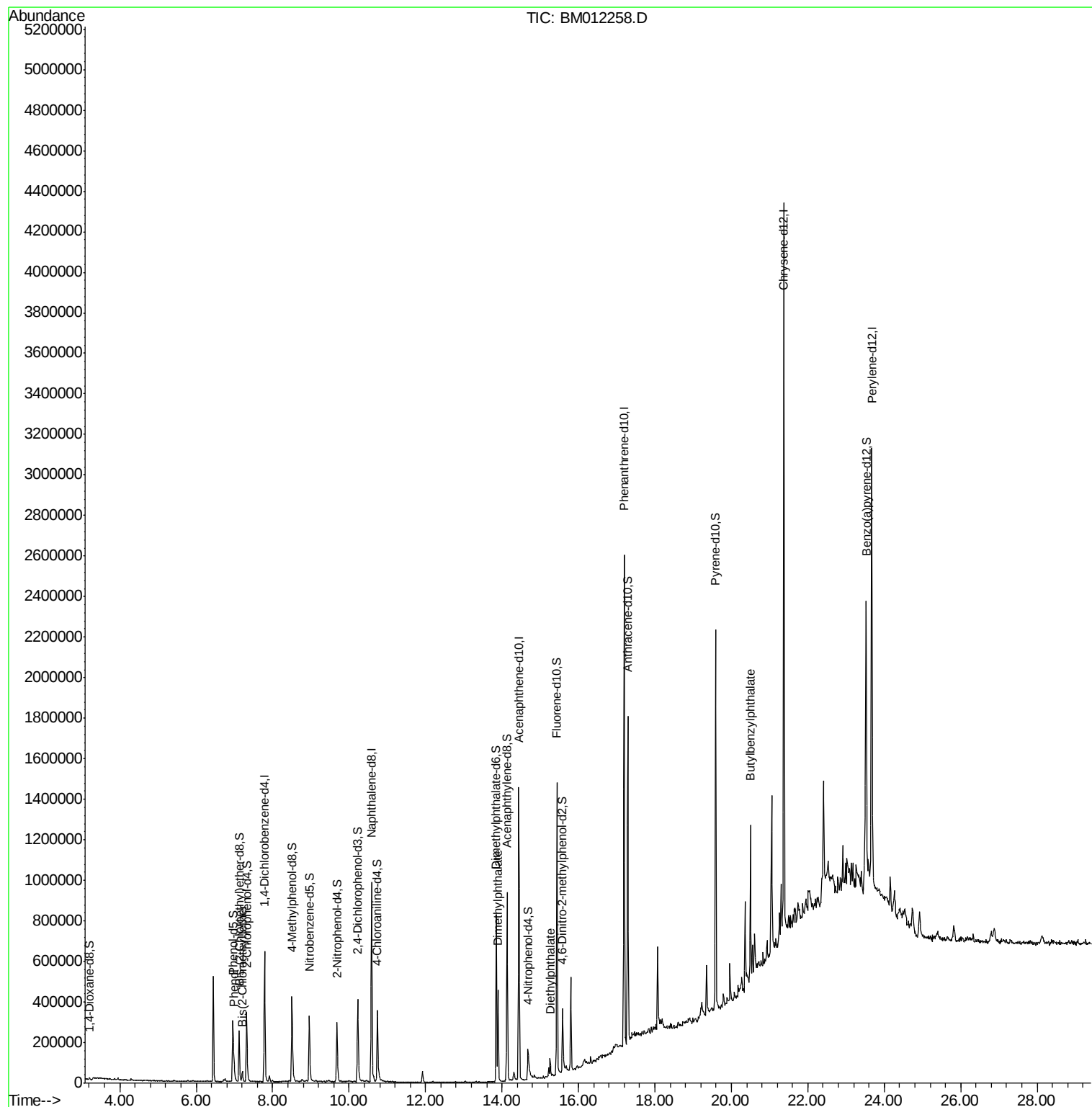
|                            |       |     |        | Ovalue |           |
|----------------------------|-------|-----|--------|--------|-----------|
| 6) Phenol                  | 6.99  | 94  | 43803  | 2.909  | ng/ul 91  |
| 8) Bis(2-Chloroethyl)ether | 7.21  | 93  | 16016  | 1.396  | ng/ul# 34 |
| 44) Dimethylphthalate      | 13.90 | 163 | 315795 | 7.419  | ng/ul 98  |
| 56) Diethylphthalate       | 15.26 | 149 | 54136  | 1.177  | ng/ul 98  |
| 78) Butylbenzylphthalate   | 20.50 | 149 | 209917 | 4.119  | ng/ul 99  |

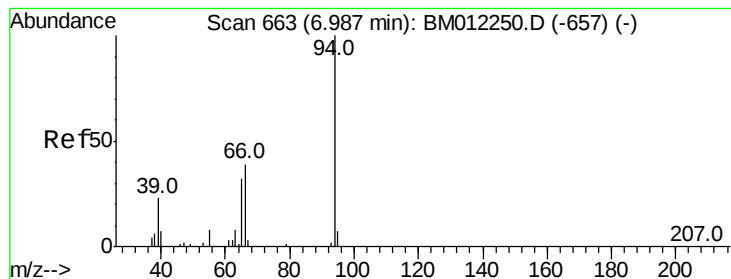
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.909 ng/ul

RT: 6.99 min Scan# 663

Delta R.T. 0.00 min

Lab File: BM012258.D

Acq: 17 Oct 2017 20:59

Instrument :

BNA\_M

ClientSampleId :

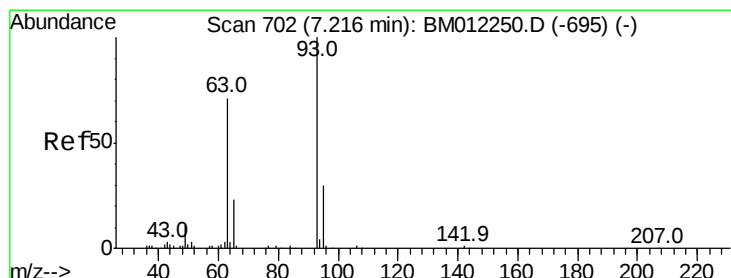
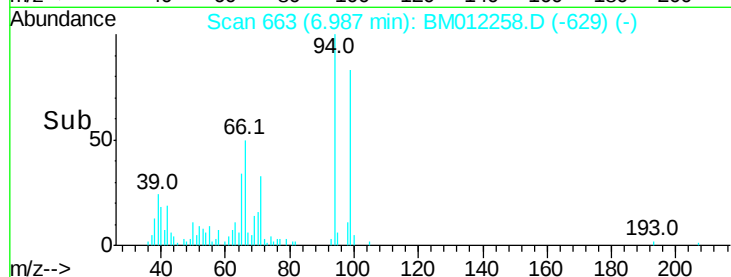
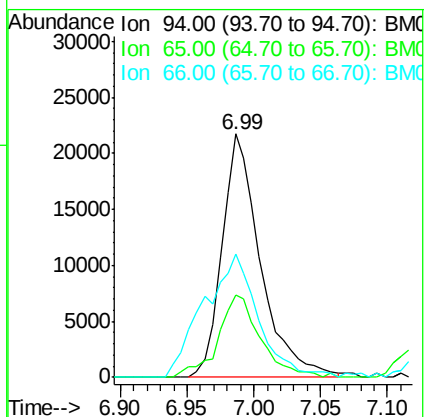
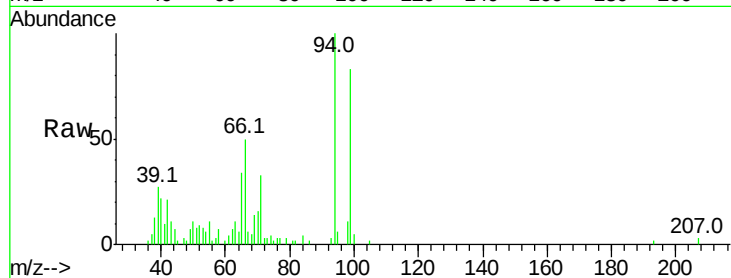
Tot Ion: 94 Resp: 43803

Ion Ratio Lower Upper

94 100

65 33.8 24.4 36.6

66 50.4 35.0 52.4



#8

Bis(2-Chloroethyl)ether

Concen: 1.396 ng/ul

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BM012258.D

Acq: 17 Oct 2017 20:59

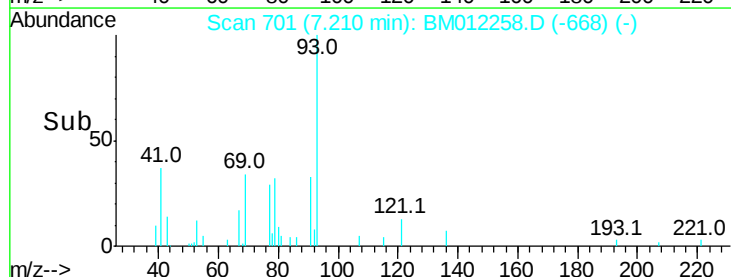
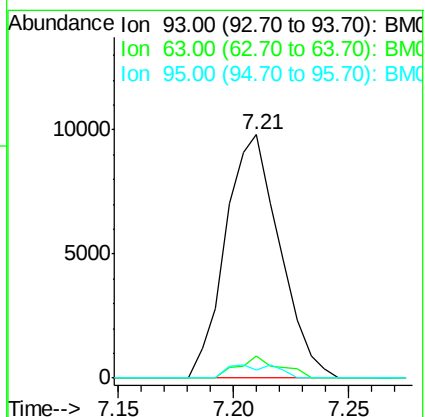
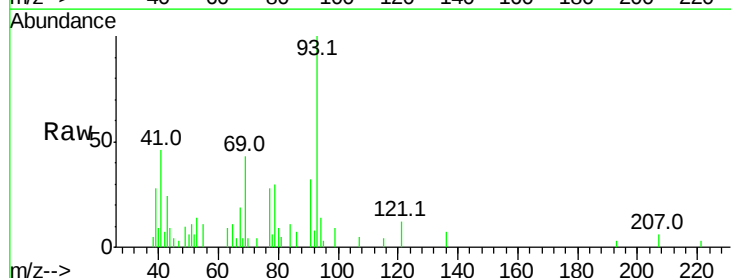
Tgt Ion: 93 Resp: 16016

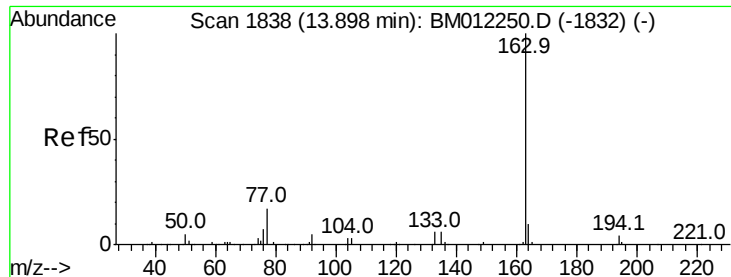
Ion Ratio Lower Upper

93 100

63 8.9 54.6 82.0#

95 3.2 25.8 38.6#

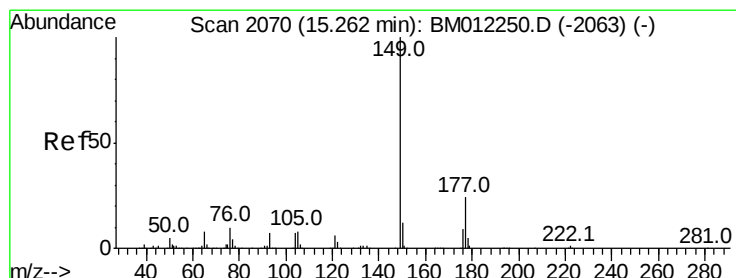
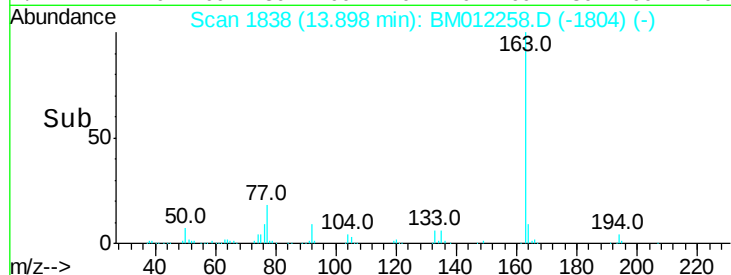
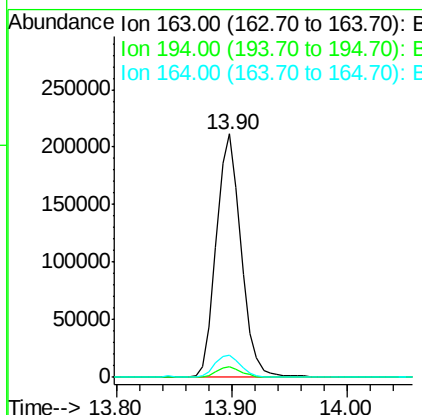
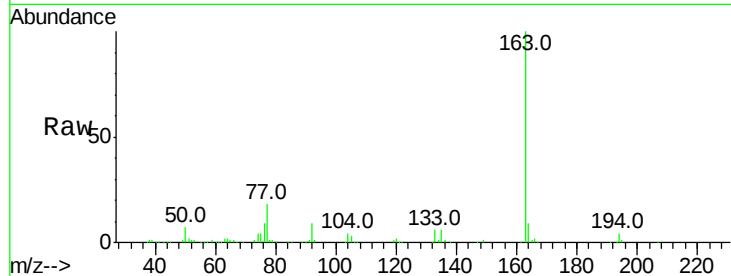




#44  
Dimethylphthalate  
Concen: 7.419 ng/ul  
RT: 13.90 min Scan# 1838  
Delta R.T. 0.00 min  
Lab File: BM012258.D  
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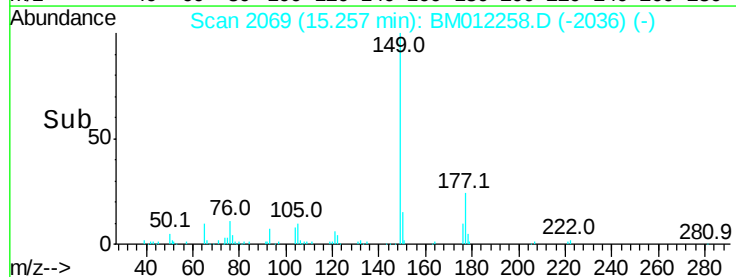
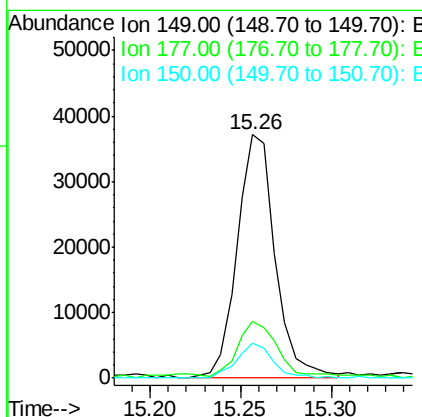
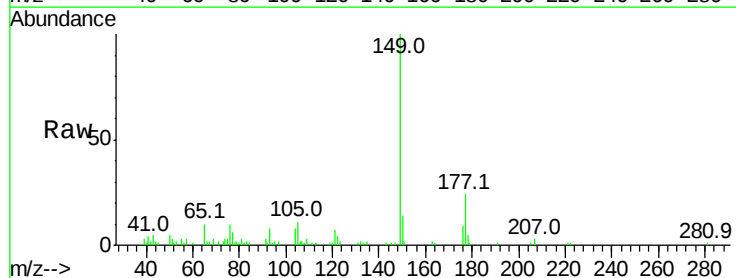
Instrument :  
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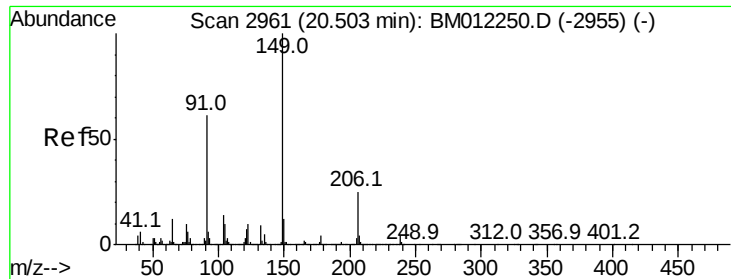
Tot Ion:163 Resp: 315795  
Ion Ratio Lower Upper  
163 100  
194 4.4 3.7 5.5  
164 9.3 8.1 12.1



#56  
Diethylphthalate  
Concen: 1.177 ng/ul  
RT: 15.26 min Scan# 2069  
Delta R.T. -0.01 min  
Lab File: BM012258.D  
Acq: 17 Oct 2017 20:59

Tgt Ion:149 Resp: 54136  
Ion Ratio Lower Upper  
149 100  
177 23.5 18.7 28.1  
150 14.3 10.0 15.0





#78

Butylbenzylphthalate

Concen: 4.119 ng/ul

RT: 20.50 min Scan# 2960

Delta R.T. -0.01 min

Lab File: BM012258.D

Acq: 17 Oct 2017 20:59

Instrument :

BNA\_M

ClientSampleId :

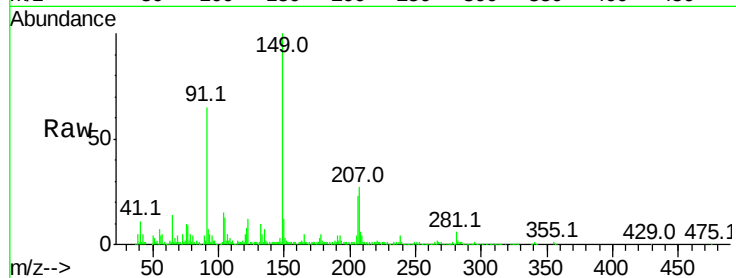
Tot Ion:149 Resp: 209917

Ion Ratio Lower Upper

149 100

91 65.2 52.8 79.2

206 23.2 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

