

Data File : BM017488.D  
Acq On : 02 Nov 2018 09:38  
Operator : MJ/SJ  
Sample : J5701-13ME  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
A40G2ME

Quant Time: Nov 03 02:33:15 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM102418MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Nov 03 02:25:47 2018  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.64  | 152  | 240221   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.41 | 136  | 1096376  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.28 | 164  | 658787   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.04 | 188  | 1654642  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.26 | 240  | 148907   | 20.00 | ng/ul | 0.02     |
| 86) Perylene-d12          | 23.44 | 264  | 1676148  | 20.00 | ng/ul | 0.00     |

System Monitoring Compounds

|                                |       |     |         |        |       |      |
|--------------------------------|-------|-----|---------|--------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.22  | 96  | 20968   | 4.02   | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.82  | 99  | 668244  | 30.45  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.99  | 67  | 411810  | 32.18  | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.17  | 132 | 533109  | 31.34  | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.35  | 113 | 584568  | 33.69  | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.79  | 128 | 282723  | 32.99  | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.50  | 143 | 328750  | 34.20  | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.04 | 165 | 587180  | 32.90  | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.56 | 131 | 853214  | 58.55  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.70 | 166 | 2070618 | 36.65  | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.97 | 160 | 2597604 | 37.87  | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.50 | 143 | 296775  | 28.12  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.28 | 176 | 1790521 | 36.49  | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.42 | 200 | 301960  | 26.19  | ng/ul | 0.01 |
| 71) Anthracene-d10             | 17.14 | 188 | 2994152 | 36.56  | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.44 | 212 | 3499871 | 507.33 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.30 | 264 | 3515108 | 39.71  | ng/ul | 0.00 |

Target Compounds

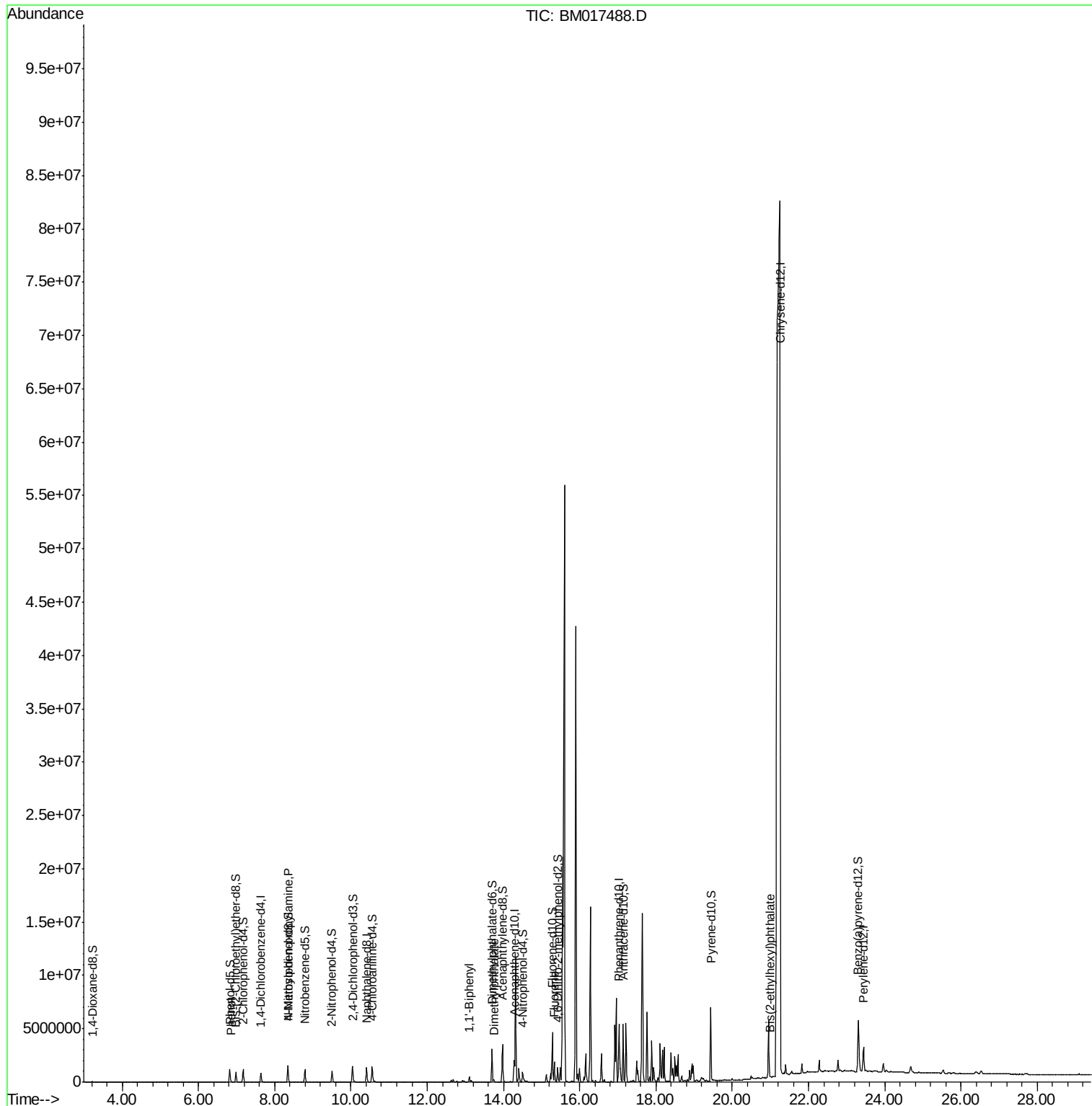
|                                |       |     |        |       | Qvalue |    |
|--------------------------------|-------|-----|--------|-------|--------|----|
| 6) Phenol                      | 6.85  | 94  | 49434  | 2.269 | ng/ul  | 93 |
| 15) N-Nitroso-di-n-propylamine | 8.35  | 70  | 15117  | 1.151 | ng/ul# | 1  |
| 41) 1,1'-Biphenyl              | 13.11 | 154 | 129663 | 2.379 | ng/ul  | 95 |
| 45) Dimethylphthalate          | 13.74 | 163 | 142240 | 2.599 | ng/ul# | 98 |
| 59) Fluorene                   | 15.33 | 166 | 337280 | 6.266 | ng/ul# | 27 |
| 84) Bis(2-ethylhexyl)phthalate | 21.00 | 149 | 9401   | 1.864 | ng/ul  | 96 |

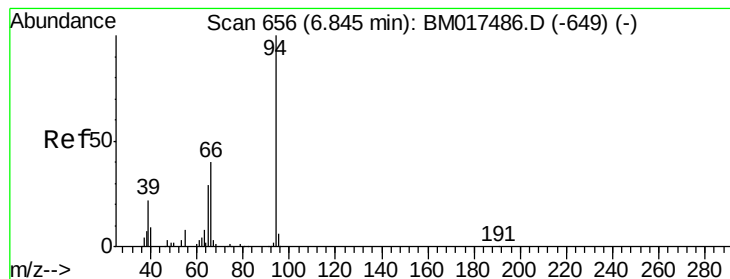
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
QLast Update : Sat Nov 03 02:25:47 2018  
Response via : Initial Calibration





#6

Phenol

Concen: 2.269 ng/ul

RT: 6.85 min Scan# 657

Delta R.T. 0.01 min

Lab File: BM017488.D

Acq: 02 Nov 2018 09:38

Instrument :

BNA\_M

ClientSampleId :

A40G2ME

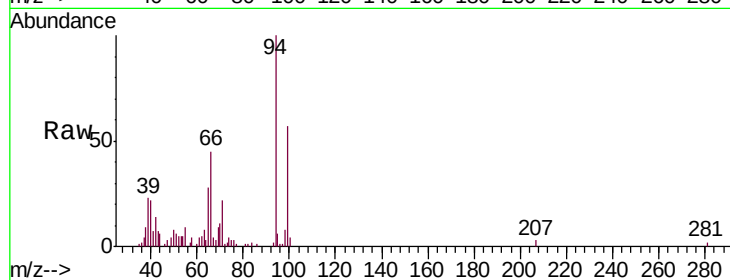
Tgt Ion: 94 Resp: 49434

Ion Ratio Lower Upper

94 100

65 27.6 24.0 36.0

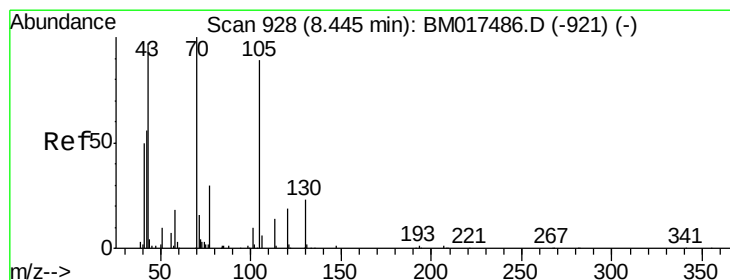
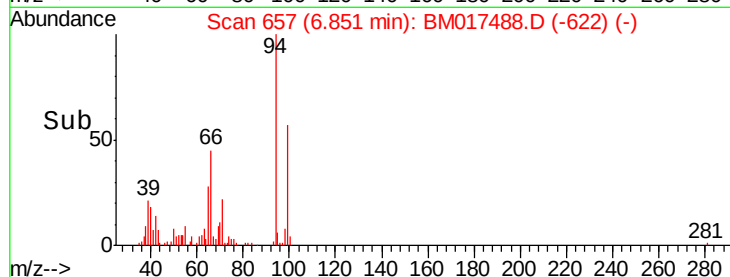
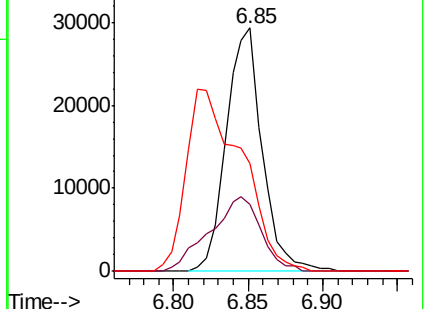
66 44.6 31.1 46.7



Abundance Ion 94.00 (93.70 to 94.70): BM017488.D (-649) (-)

Ion 65.00 (64.70 to 65.70): BM017488.D (-649) (-)

Ion 66.00 (65.70 to 66.70): BM017488.D (-649) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 1.151 ng/ul

RT: 8.35 min Scan# 911

Delta R.T. -0.10 min

Lab File: BM017488.D

Acq: 02 Nov 2018 09:38

Tgt Ion: 70 Resp: 15117

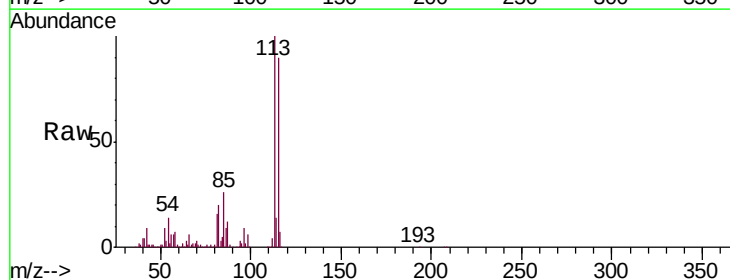
Ion Ratio Lower Upper

70 100

42 365.1 43.7 65.5#

101 0.0 8.0 12.0#

130 0.0 17.8 26.8#

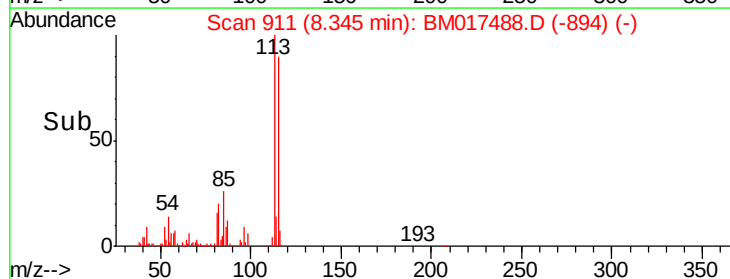
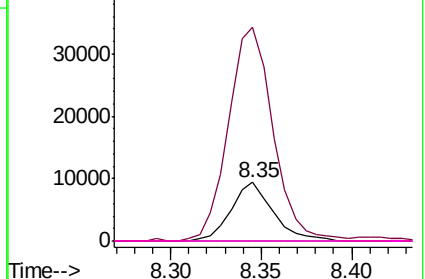


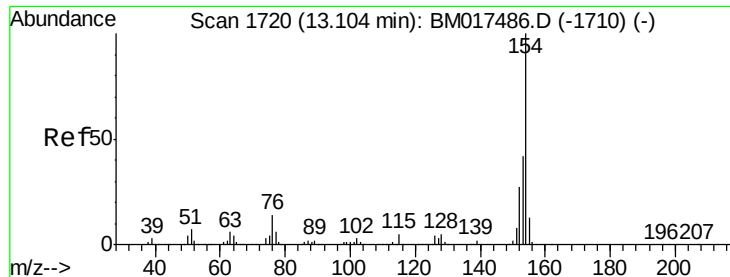
Abundance Ion 70.00 (69.70 to 70.70): BM017488.D (-894) (-)

Ion 42.00 (41.70 to 42.70): BM017488.D (-894) (-)

Ion 101.00 (100.70 to 101.70): BM017488.D (-894) (-)

Ion 130.00 (129.70 to 130.70): BM017488.D (-894) (-)

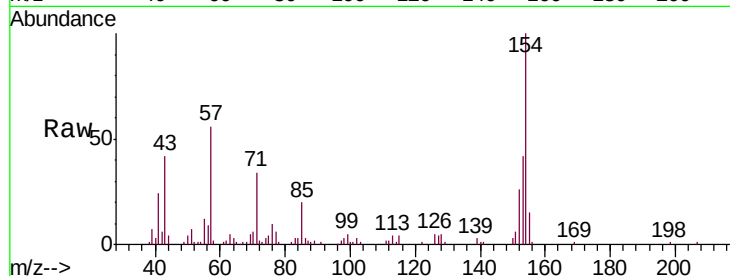




#41  
1,1'-Biphenyl  
Concen: 2.379 ng/ul  
RT: 13.11 min Scan# 1721  
Delta R.T. 0.01 min  
Lab File: BM017488.D  
Acq: 02 Nov 2018 09:38

Instrument :  
BNA\_M  
ClientSampleId :  
A40G2ME

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.3  | 31.5  | 47.3  |
| 76      | 10.3  | 9.8   | 14.6  |

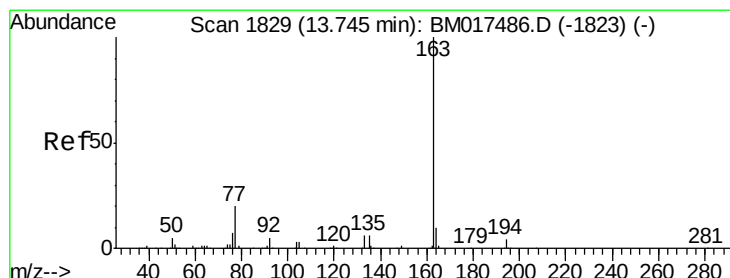
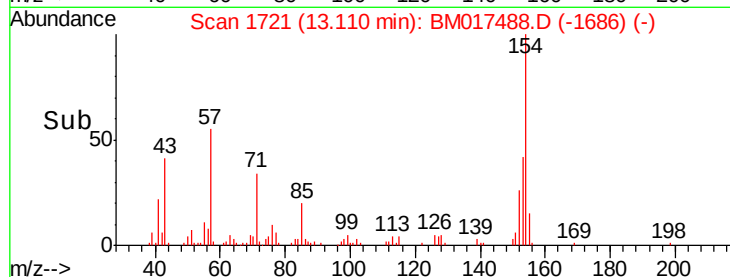
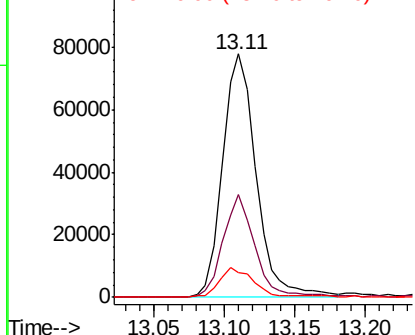


Abundance

Ion 154.00 (153.70 to 154.70): E

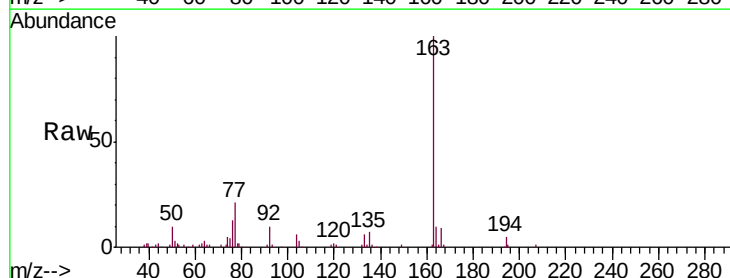
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#45  
Dimethylphthalate  
Concen: 2.599 ng/ul  
RT: 13.74 min Scan# 1829  
Delta R.T. -0.00 min  
Lab File: BM017488.D  
Acq: 02 Nov 2018 09:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 5.1   | 3.2   | 4.8#  |
| 164     | 9.8   | 8.1   | 12.1  |

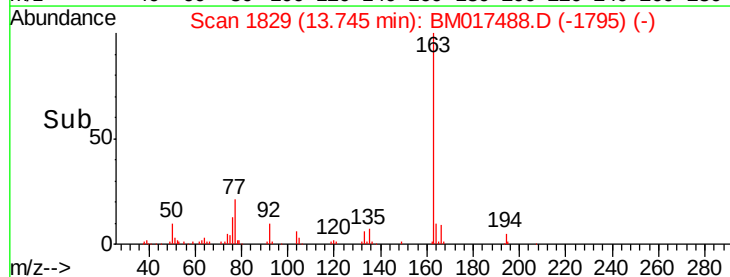
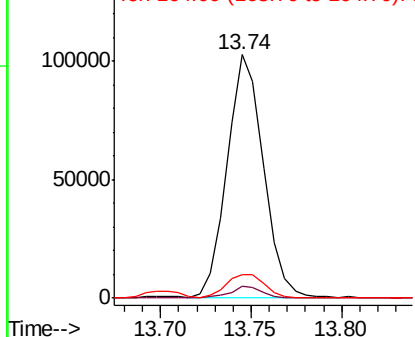


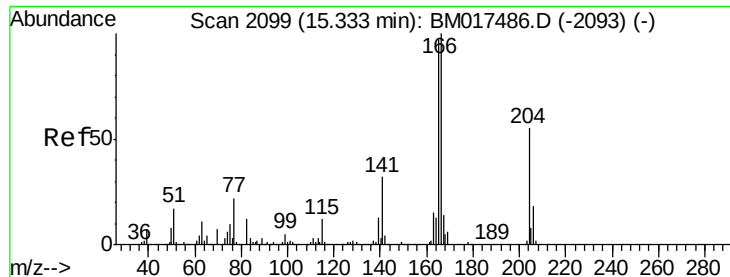
Abundance

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





#59

Fluorene

Concen: 6.266 ng/ul

RT: 15.33 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BM017488.D

Acq: 02 Nov 2018 09:38

Instrument :

BNA\_M

ClientSampleId :

A40G2ME

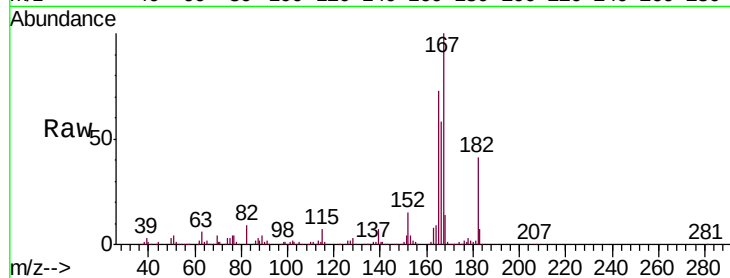
Tgt Ion:166 Resp: 337280

Ion Ratio Lower Upper

166 100

165 124.9 77.5 116.3#

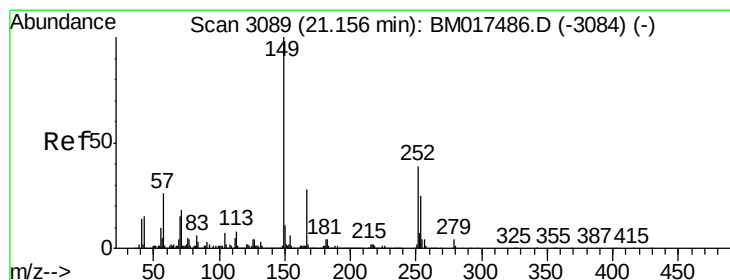
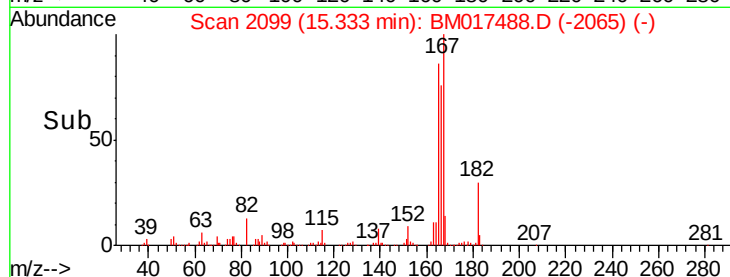
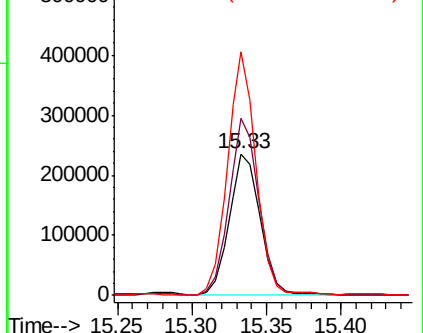
167 172.2 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.864 ng/ul

RT: 21.00 min Scan# 3063

Delta R.T. -0.15 min

Lab File: BM017488.D

Acq: 02 Nov 2018 09:38

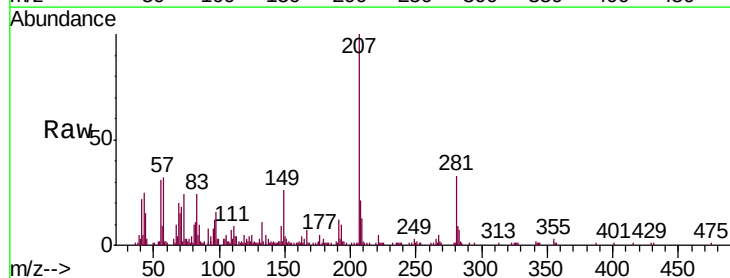
Tgt Ion:149 Resp: 9401

Ion Ratio Lower Upper

149 100

167 26.1 23.0 34.6

279 5.3 4.1 6.1



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

