

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\  
 Data File : BM020499.D  
 Acq On : 22 May 2019 19:45  
 Operator : JU/SJ  
 Sample : K2925-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: May 23 07:45:43 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM051619MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed May 22 04:54:12 2019  
 Response via : Initial Calibration

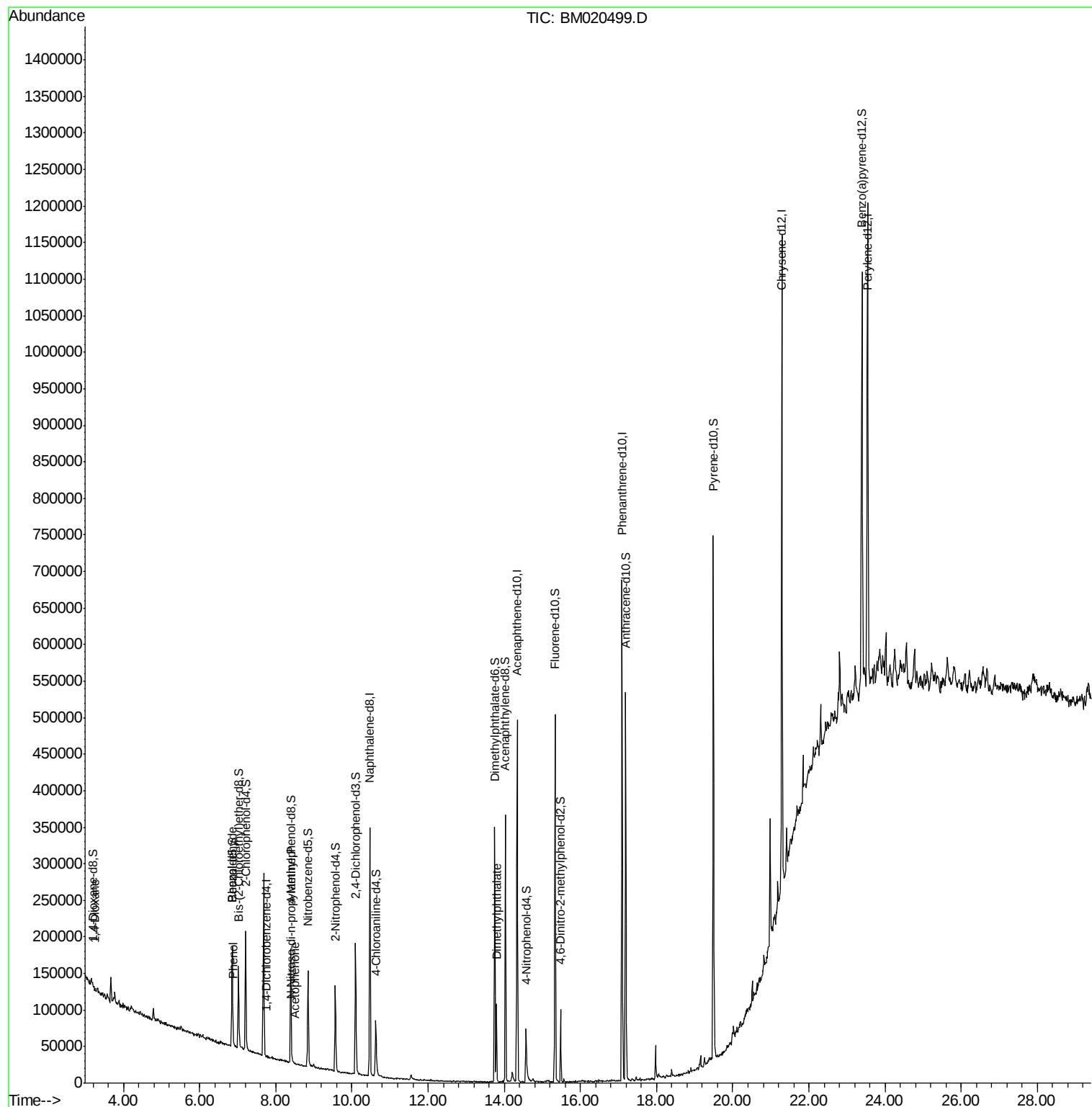
| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.75  | 152  | 249      | 20.00   | ng/ul  | 0.02     |
| 18) Naphthalene-d8             | 10.47 | 136  | 264055   | 20.00   | ng/ul  | -0.05    |
| 35) Acenaphthene-d10           | 14.34 | 164  | 161336   | 20.00   | ng/ul  | -0.04    |
| 61) Phenanthrene-d10           | 17.09 | 188  | 397440   | 20.00   | ng/ul  | -0.04    |
| 77) Chrysene-d12               | 21.29 | 240  | 418758   | 20.00   | ng/ul  | -0.04    |
| 85) Perylene-d12               | 23.54 | 264  | 483868   | 20.00   | ng/ul  | -0.07    |
| System Monitoring Compounds    |       |      |          |         |        |          |
| 3) 1,4-Dioxane-d8              | 3.21  | 96   | 405      | 60.02   | ng/uL  | -0.01    |
| 5) Phenol-d5                   | 6.85  | 99   | 86846    | 4372.06 | ng/ul  | -0.04    |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.02  | 67   | 56523    | 4475.93 | ng/ul  | -0.05    |
| 9) 2-Chlorophenol-d4           | 7.21  | 132  | 68423    | 4696.59 | ng/ul  | -0.05    |
| 13) 4-Methylphenol-d8          | 8.39  | 113  | 59344    | 4102.39 | ng/ul  | -0.04    |
| 19) Nitrobenzene-d5            | 8.85  | 128  | 29834    | 17.37   | ng/ul  | -0.04    |
| 22) 2-Nitrophenol-d4           | 9.56  | 143  | 33825    | 17.85   | ng/ul  | -0.05    |
| 26) 2,4-Dichlorophenol-d3      | 10.10 | 165  | 70799    | 17.67   | ng/ul  | -0.04    |
| 29) 4-Chloroaniline-d4         | 10.63 | 131  | 43634    | 10.54   | ng/ul  | -0.04    |
| 43) Dimethylphthalate-d6       | 13.75 | 166  | 224600   | 19.35   | ng/ul  | -0.04    |
| 46) Acenaphthylene-d8          | 14.03 | 160  | 256949   | 17.70   | ng/ul  | -0.04    |
| 51) 4-Nitrophenol-d4           | 14.57 | 143  | 19266    | 11.43   | ng/ul  | -0.02    |
| 57) Fluorene-d10               | 15.33 | 176  | 196091   | 18.99   | ng/ul  | -0.04    |
| 62) 4,6-Dinitro-2-methylphenol | 15.48 | 200  | 22141    | 9.78    | ng/ul  | -0.04    |
| 70) Anthracene-d10             | 17.19 | 188  | 312943   | 18.36   | ng/ul  | -0.04    |
| 78) Pyrene-d10                 | 19.49 | 212  | 379050   | 18.79   | ng/ul  | -0.04    |
| 89) Benzo(a)pyrene-d12         | 23.39 | 264  | 396761   | 18.04   | ng/ul  | -0.07    |
| Target Compounds               |       |      |          |         |        |          |
| 2) 1,4-Dioxane                 | 3.26  | 88   | 173      | 24.572  | ng/uL# | 11       |
| 4) Benzaldehyde                | 6.86  | 77   | 268      | 15.749  | ng/ul# | 8        |
| 6) Phenol                      | 6.88  | 94   | 1210     | 57.906  | ng/ul# | 44       |
| 14) Acetophenone               | 8.51  | 105  | 1318     | 53.366  | ng/ul# | 77       |
| 15) N-Nitroso-di-n-propylamine | 8.42  | 70   | 126      | 8.940   | ng/ul# | 13       |
| 44) Dimethylphthalate          | 13.80 | 163  | 65901    | 5.739   | ng/ul# | 99       |

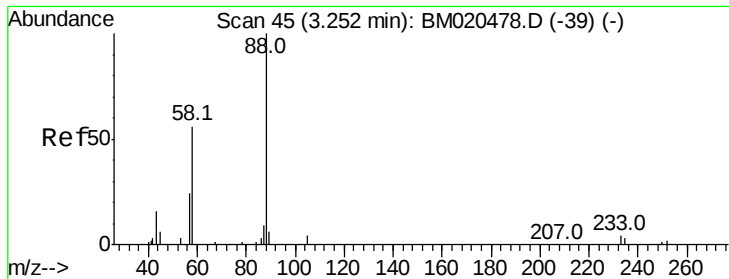
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 24.572 ng/uL

RT: 3.26 min Scan# 46

Delta R.T. 0.01 min

Lab File: BM020499.D

Acq: 22 May 2019 19:45

Instrument :

BNA\_M

ClientSampled :

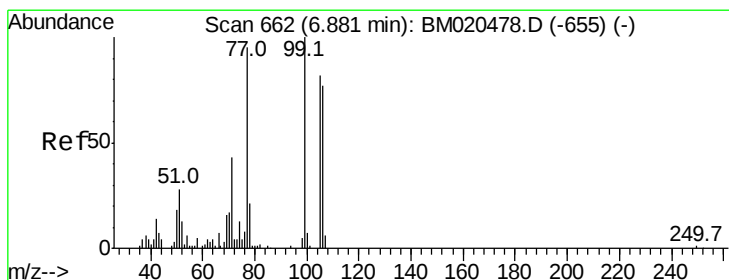
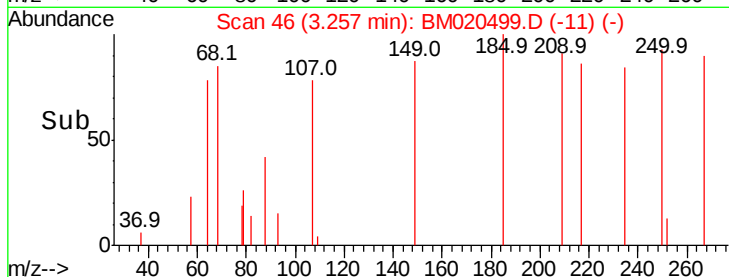
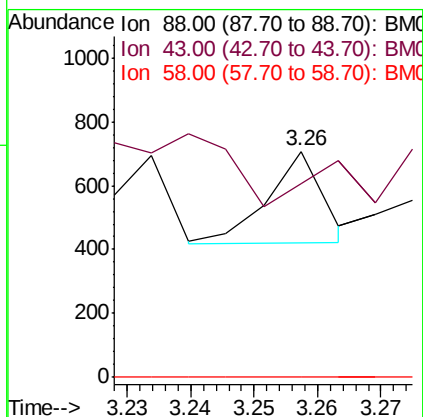
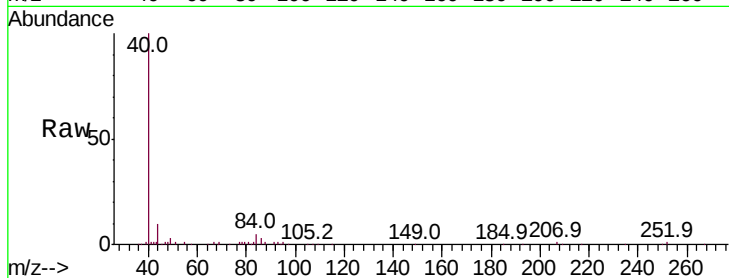
Tot Ion: 88 Resp: 173

Ion Ratio Lower Upper

88 100

43 85.5 21.4 32.2#

58 0.0 45.1 67.7#



#4

Benzaldehyde

Concen: 15.749 ng/uL

RT: 6.86 min Scan# 659

Delta R.T. -0.02 min

Lab File: BM020499.D

Acq: 22 May 2019 19:45

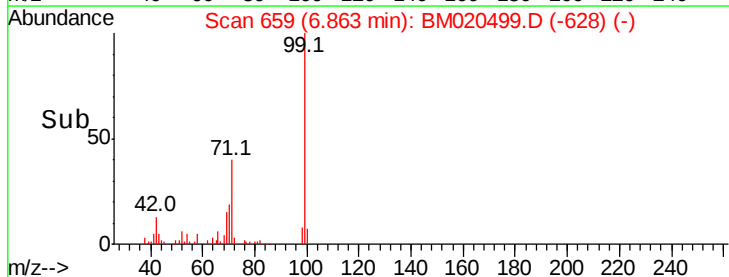
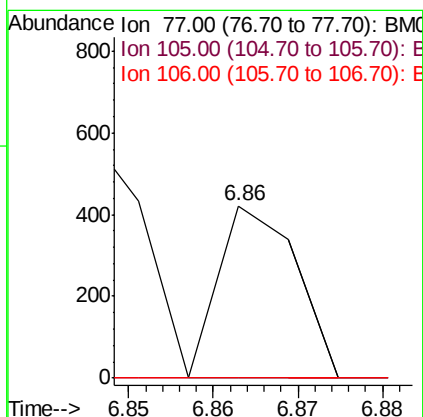
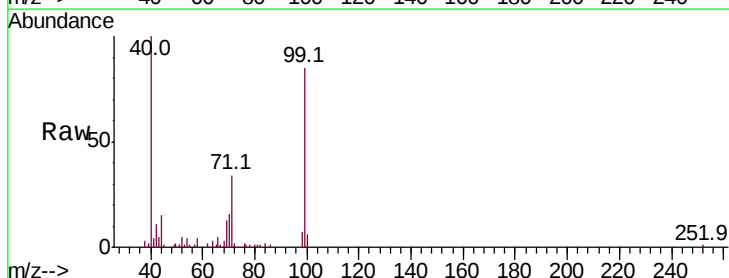
Tgt Ion: 77 Resp: 268

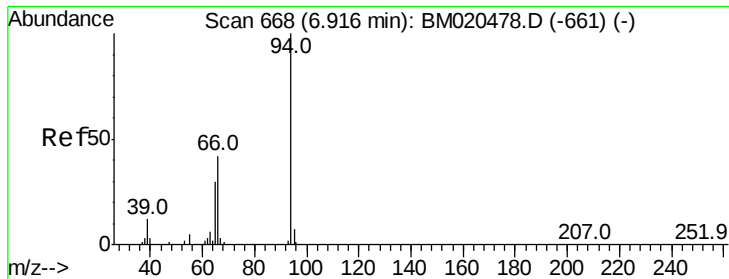
Ion Ratio Lower Upper

77 100

105 0.0 67.4 101.0#

106 0.0 64.8 97.2#





#6

Phenol

Concen: 57.906 ng/ul

RT: 6.88 min Scan# 662

Delta R.T. -0.04 min

Lab File: BM020499.D

Acq: 22 May 2019 19:45

Instrument :

BNA\_M

ClientSampleId :

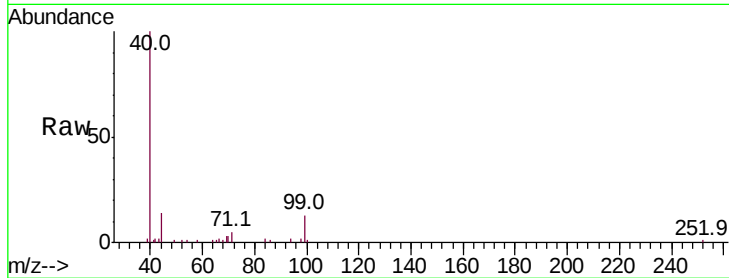
Tot Ion: 94 Resp: 1210

Ion Ratio Lower Upper

94 100

65 51.1 25.4 38.0#

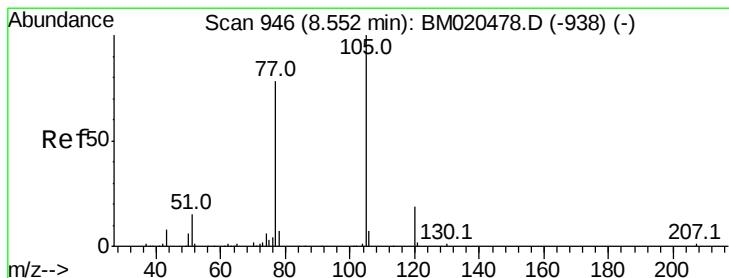
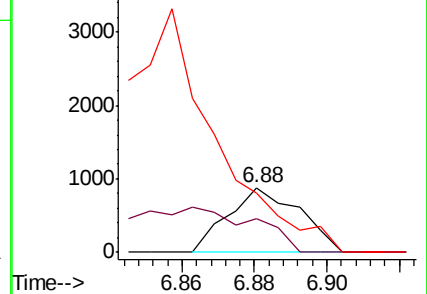
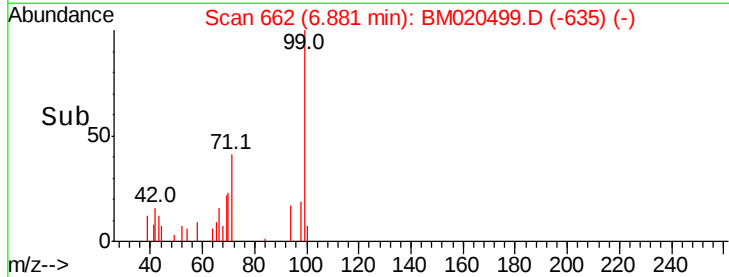
66 92.0 36.5 54.7#



Abundance Ion 94.00 (93.70 to 94.70): BM020478.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM020478.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM020478.D (-661) (-)



#14

Acetophenone

Concen: 53.366 ng/ul

RT: 8.51 min Scan# 939

Delta R.T. -0.04 min

Lab File: BM020499.D

Acq: 22 May 2019 19:45

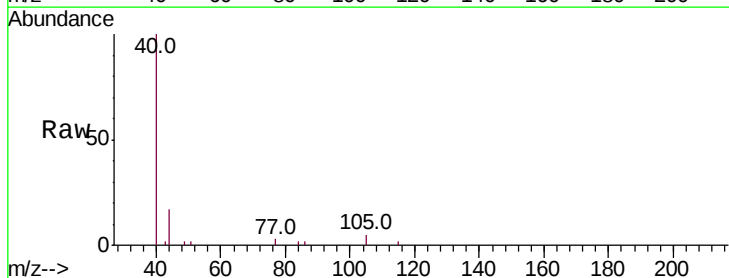
Tgt Ion: 105 Resp: 1318

Ion Ratio Lower Upper

105 100

77 72.2 74.0 111.0#

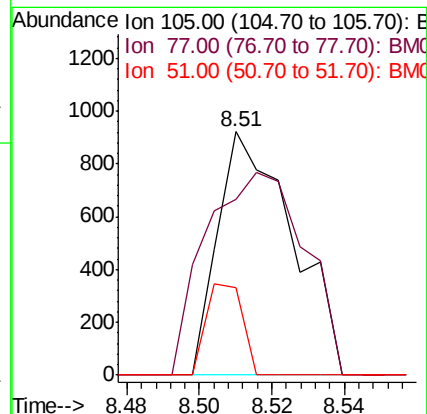
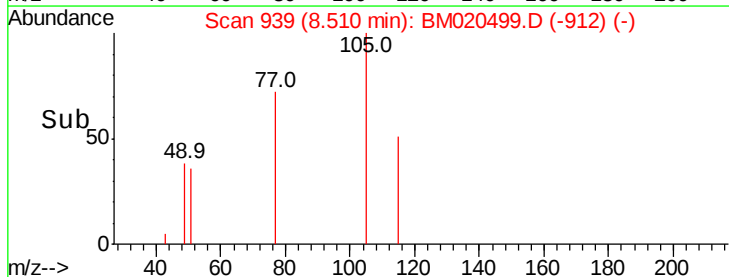
51 35.9 16.5 24.7#

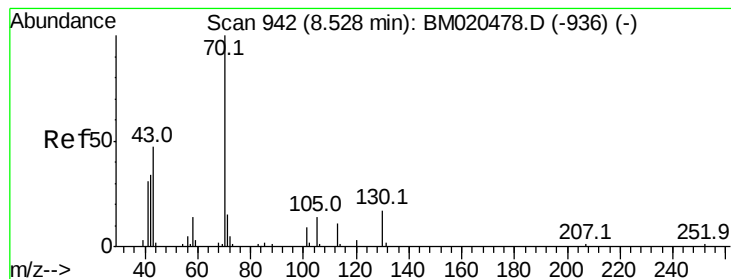


Abundance Ion 105.00 (104.70 to 105.70): BM020478.D (-938) (-)

Ion 77.00 (76.70 to 77.70): BM020478.D (-938) (-)

Ion 51.00 (50.70 to 51.70): BM020478.D (-938) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 8.940 ng/ul

RT: 8.42 min Scan# 924

Delta R.T. -0.11 min

Lab File: BM020499.D

Acq: 22 May 2019 19:45

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 70 Resp: 126

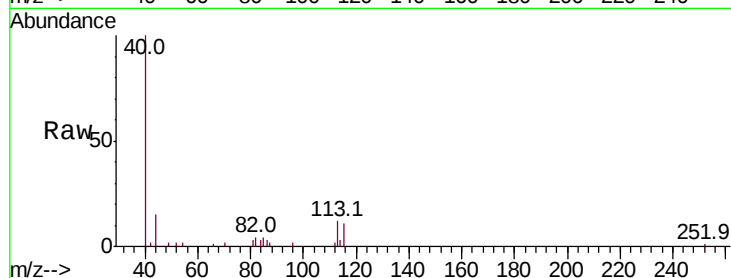
Ion Ratio Lower Upper

70 100

42 105.3 26.5 39.7#

101 0.0 7.2 10.8#

130 0.0 12.9 19.3#

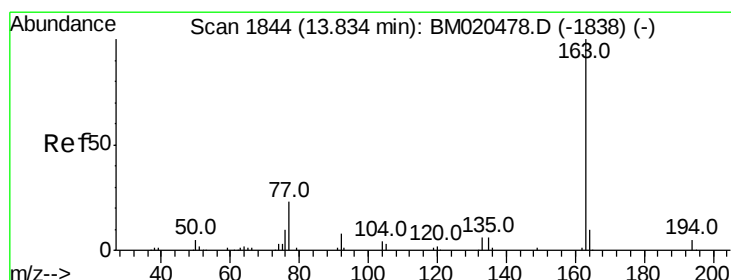
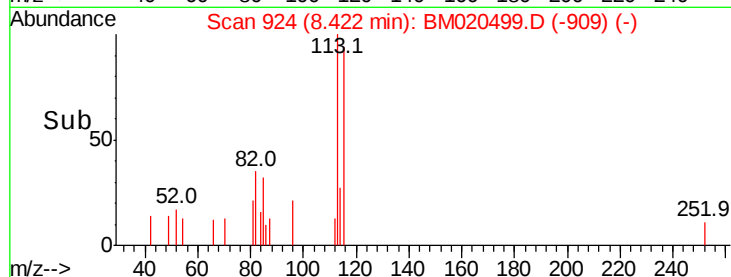
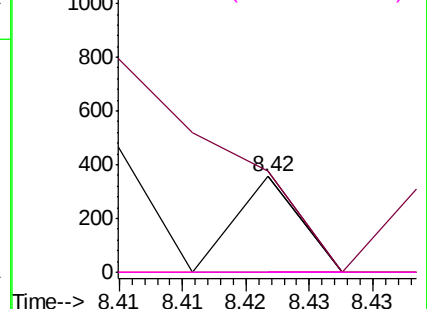


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#44

Dimethylphthalate

Concen: 5.739 ng/ul

RT: 13.80 min Scan# 1838

Delta R.T. -0.04 min

Lab File: BM020499.D

Acq: 22 May 2019 19:45

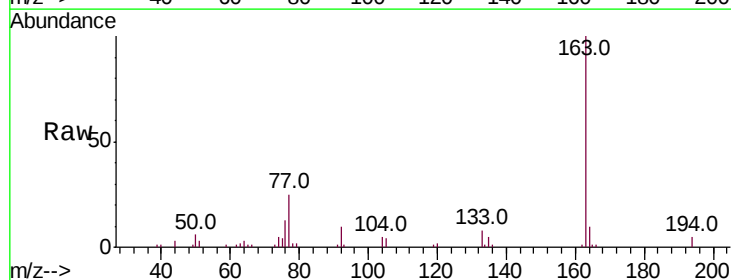
Tgt Ion:163 Resp: 65901

Ion Ratio Lower Upper

163 100

194 5.4 3.3 4.9#

164 9.9 8.0 12.0



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

