

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM013117\  
 Data File : BM008948.D  
 Acq On : 31 Jan 2017 20:15  
 Operator : SJ/MA  
 Sample : I1460-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BDNT2

Quant Time: Feb 01 00:01:09 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM013017.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jan 31 23:55:30 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.92  | 152  | 52021    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.72 | 136  | 200129   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.55 | 164  | 145196   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.30 | 188  | 324572   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.47 | 240  | 440954   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.83 | 264  | 434071   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.37  | 96   | 5578     | 4.29  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.06  | 99   | 114260   | 23.51 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.25  | 67   | 102715   | 25.81 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.45  | 132  | 81000    | 27.00 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.61  | 113  | 86093    | 23.44 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.09  | 128  | 37411    | 25.89 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.80  | 143  | 45039    | 28.04 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.33 | 165  | 84580    | 25.00 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.85 | 131  | 99556    | 32.11 | ng/ul | 0.00     |
| 43) Dimethylphthalate-d6       | 13.96 | 166  | 298098   | 28.01 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.25 | 160  | 341524   | 28.30 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.74 | 143  | 37150    | 21.39 | ng/ul | 0.00     |
| 57) Fluorene-d10               | 15.54 | 176  | 259536   | 26.42 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.66 | 200  | 47540    | 22.62 | ng/ul | 0.00     |
| 70) Anthracene-d10             | 17.40 | 188  | 437034   | 28.18 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.69 | 212  | 543236   | 27.94 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.67 | 264  | 533370   | 27.06 | ng/ul | 0.00     |

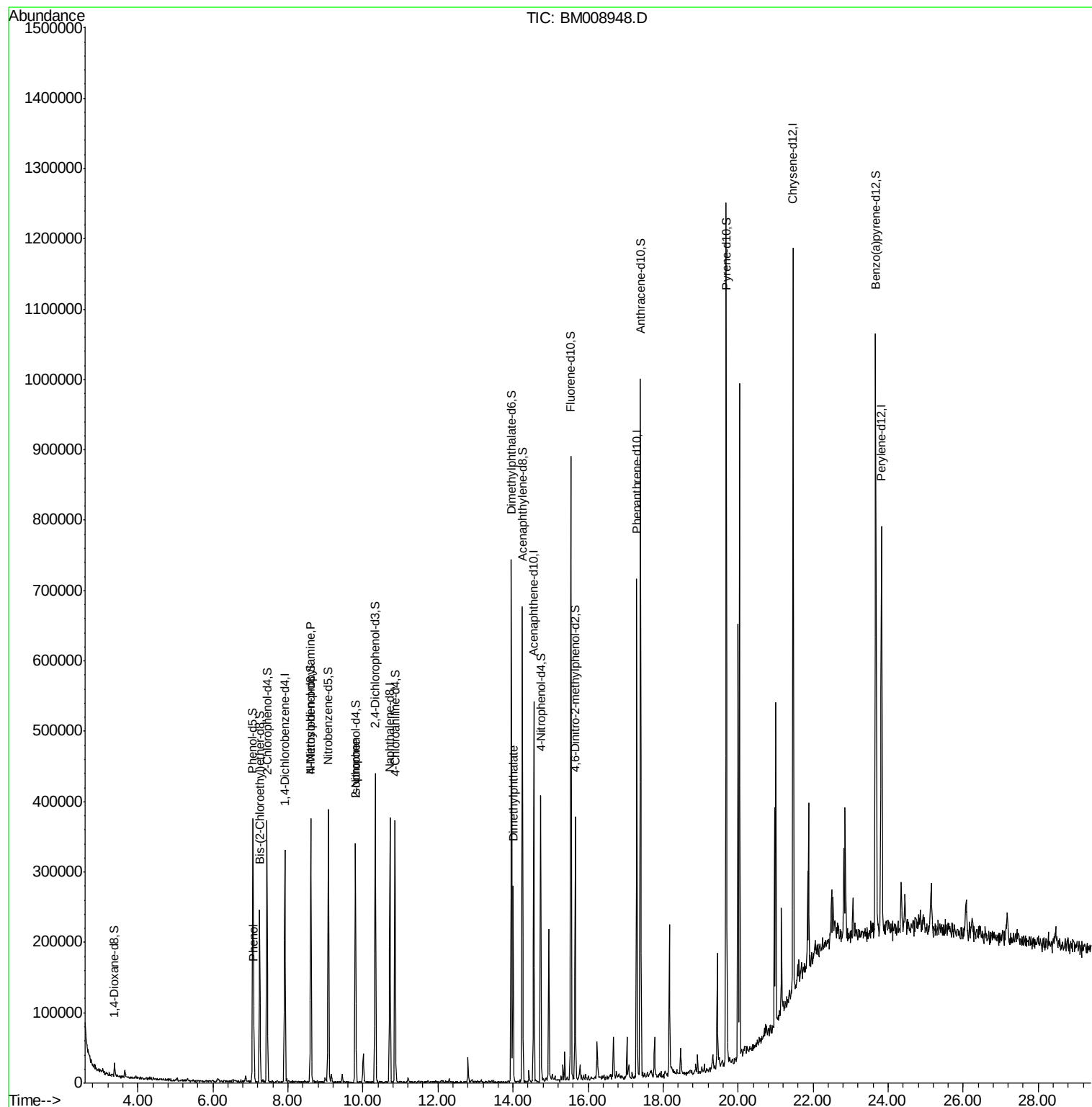
| Target Compounds               | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|--------------------------------|-------|------|----------|-------|--------|--------|
| 6) Phenol                      | 7.09  | 94   | 17566    | 3.41  | ng/ul# | 89     |
| 15) N-Nitroso-di-n-propylamine | 8.62  | 70   | 5184     | 1.14  | ng/ul# | 1      |
| 21) Isophorone                 | 9.80  | 82   | 10699    | 1.09  | ng/ul# | 80     |
| 44) Dimethylphthalate          | 14.00 | 163  | 109250   | 10.52 | ng/ul  | 98     |

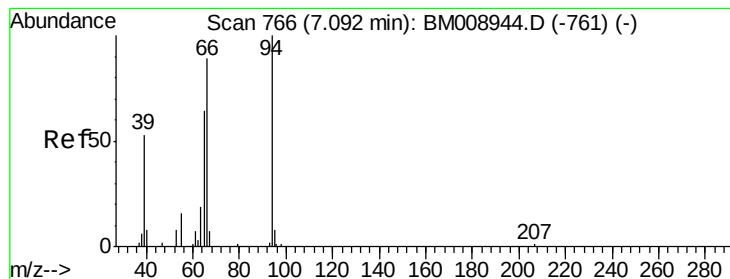
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.41 ng/ul

RT: 7.09 min Scan# 766

Delta R.T. -0.00 min

Lab File: BM008948.D

Acq: 31 Jan 2017 20:15

Instrument :

BNA\_M

ClientSampled :

BDNT2

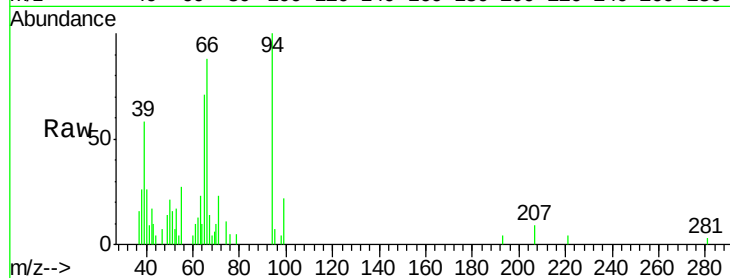
Tgt Ion: 94 Resp: 17566

Ion Ratio Lower Upper

94 100

65 70.8 39.8 59.6#

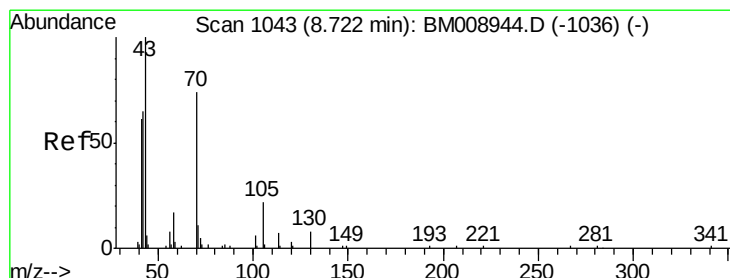
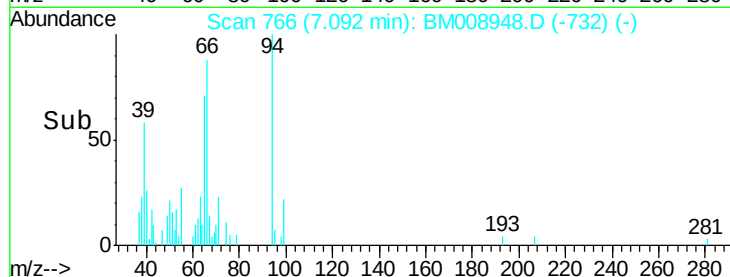
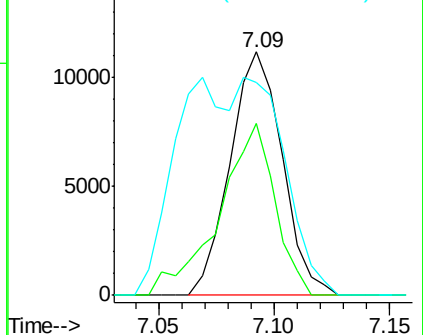
66 87.6 69.9 104.9



Abundance Ion 94.00 (93.70 to 94.70): BM008948.D (-761) (-)

Ion 65.00 (64.70 to 65.70): BM008948.D (-761) (-)

Ion 66.00 (65.70 to 66.70): BM008948.D (-761) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 1.14 ng/ul

RT: 8.62 min Scan# 1025

Delta R.T. -0.11 min

Lab File: BM008948.D

Acq: 31 Jan 2017 20:15

Tgt Ion: 70 Resp: 5184

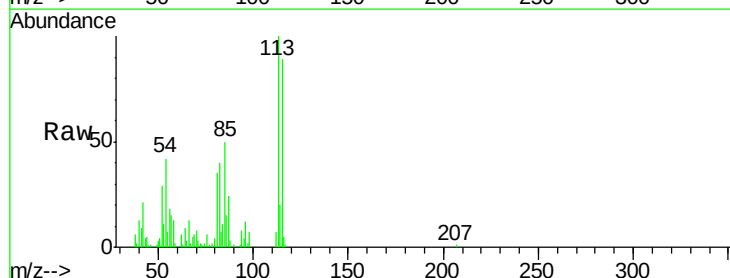
Ion Ratio Lower Upper

70 100

42 271.6 64.2 96.2#

101 0.0 5.1 7.7#

130 0.0 8.3 12.5#

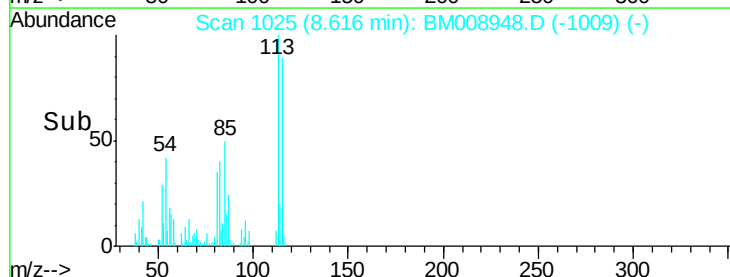
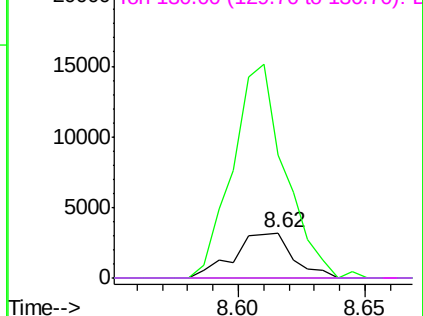


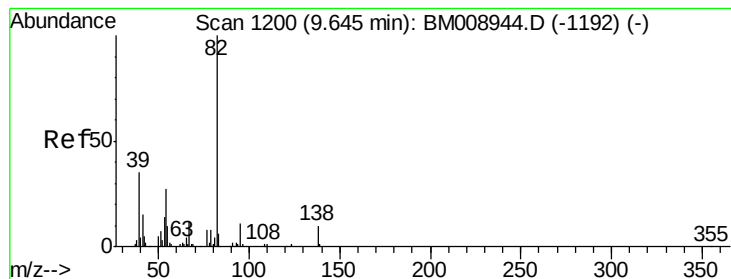
Abundance Ion 70.00 (69.70 to 70.70): BM008948.D (-1036) (-)

Ion 42.00 (41.70 to 42.70): BM008948.D (-1036) (-)

Ion 101.00 (100.70 to 101.70): BM008948.D (-1036) (-)

Ion 130.00 (129.70 to 130.70): BM008948.D (-1036) (-)





#21

Isophorone

Concen: 1.09 ng/ul

RT: 9.80 min Scan# 1226

Delta R.T. 0.15 min

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ClientSampleId :

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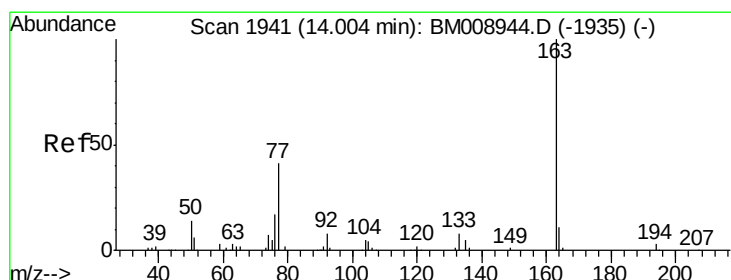
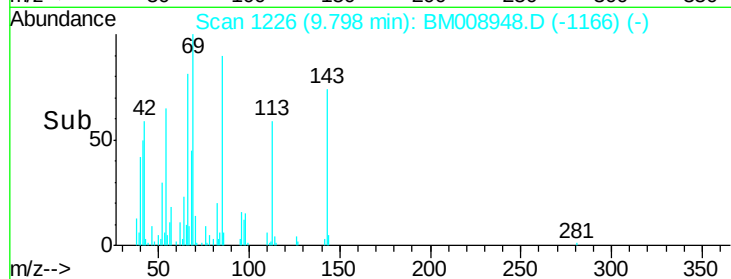
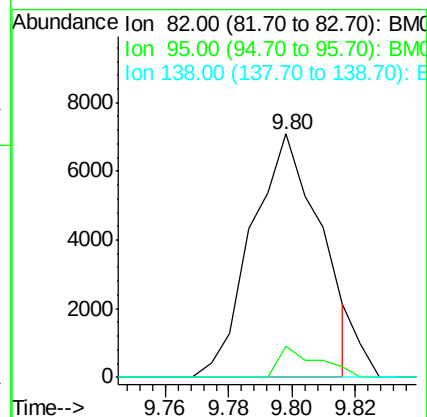
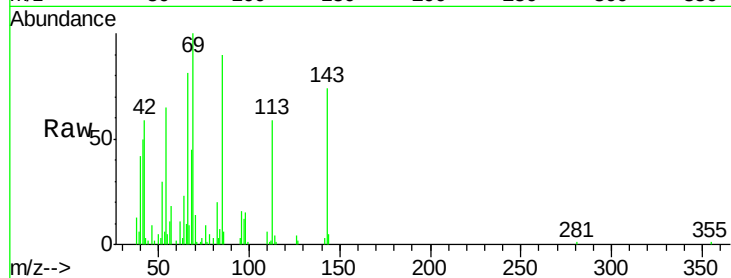
Tgt Ion: 82 Resp: 10699

Ion Ratio Lower Upper

82 100

95 12.5 7.7 11.5#

138 0.0 9.4 14.0#



#44

Dimethylphthalate

Concen: 10.52 ng/ul

RT: 14.00 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BM008948.D

Acq: 31 Jan 2017 20:15

Tgt Ion: 163 Resp: 109250

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 9.9 8.6 12.8

