

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012717\  
 Data File : BM008915.D  
 Acq On : 27 Jan 2017 23:26  
 Operator : SJ/MA  
 Sample : I1467-19  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BDMX4

Quant Time: Jan 28 03:44:53 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM012317.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 27 22:34:22 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.93  | 152  | 57704    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.73 | 136  | 225495   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.56 | 164  | 166936   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.30 | 188  | 352649   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.47 | 240  | 444991   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.83 | 264  | 437686   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.39  | 96  | 3170   | 2.72  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.07  | 99  | 49775  | 10.18 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.25  | 67  | 163142 | 41.99 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.45  | 132 | 108005 | 33.92 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.62  | 113 | 81139  | 21.20 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.09  | 128 | 63438  | 44.23 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.81  | 143 | 74095  | 42.47 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.34 | 165 | 138482 | 37.92 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.86 | 131 | 6284   | 1.58  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.97 | 166 | 490883 | 44.88 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.26 | 160 | 570232 | 44.06 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.75 | 143 | 15082  | 8.24  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.56 | 176 | 430454 | 41.43 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.66 | 200 | 67131  | 31.97 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.40 | 188 | 727667 | 47.18 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.69 | 212 | 860994 | 44.11 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.68 | 264 | 810508 | 43.73 | ng/ul | 0.00 |

## Target Compounds

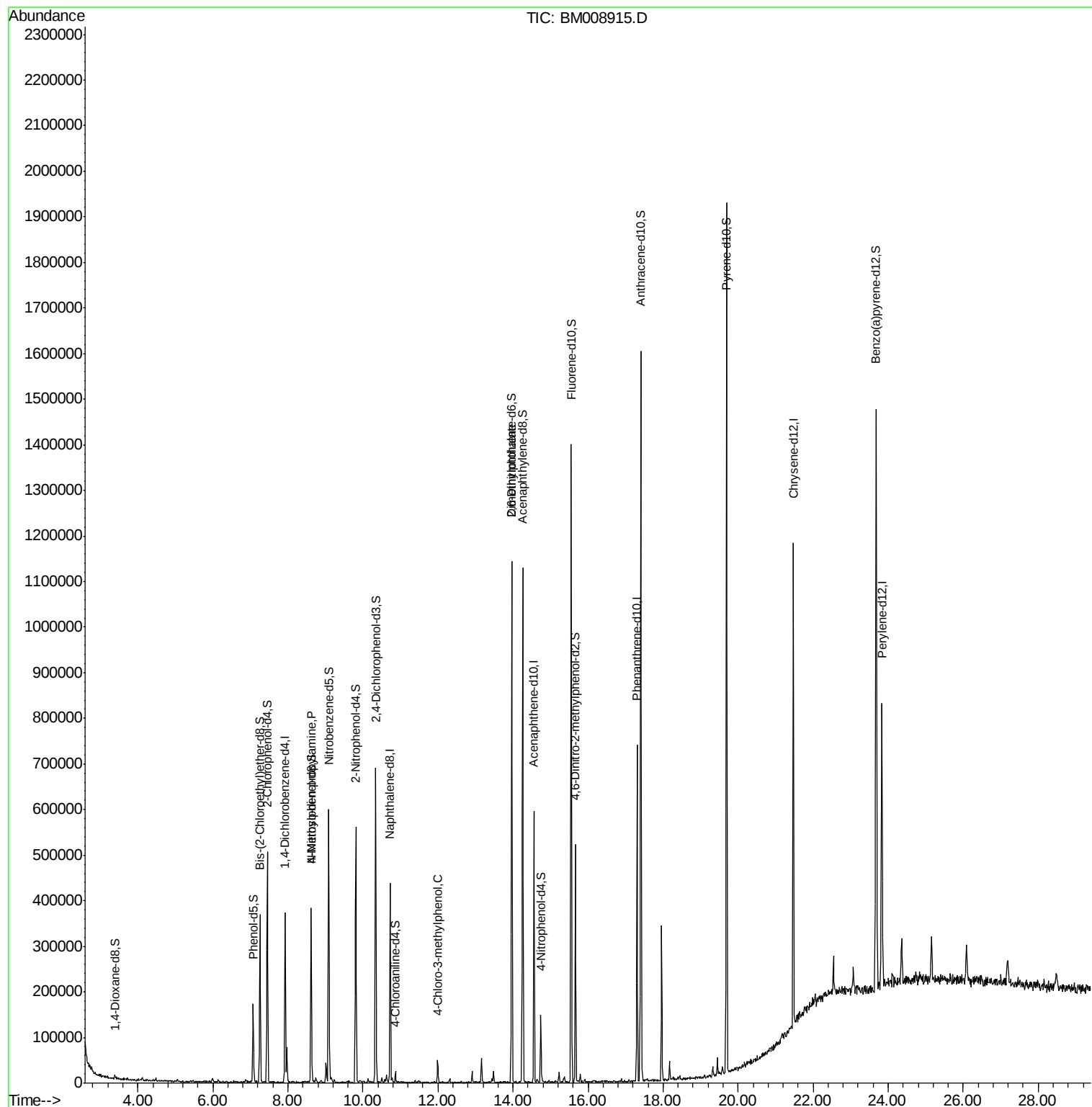
|                                |       |     |       |      |        | Qvalue |
|--------------------------------|-------|-----|-------|------|--------|--------|
| 15) N-Nitroso-di-n-propylamine | 8.62  | 70  | 5815  | 1.27 | ng/ul# | 1      |
| 33) 4-Chloro-3-methylphenol    | 11.99 | 107 | 11982 | 2.57 | ng/ul  | 95     |
| 45) 2,6-Dinitrotoluene         | 13.97 | 165 | 3649  | 1.74 | ng/ul# | 29     |

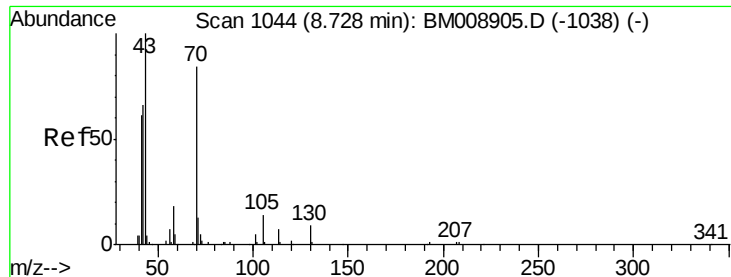
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM012717\  
Data File : BM008915.D  
Acq On : 27 Jan 2017 23:26  
Operator : SJ/MA  
Sample : I1467-19  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BDMX4

Quant Time: Jan 28 03:44:53 2017  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM012317.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jan 27 22:34:22 2017  
Response via : Initial Calibration

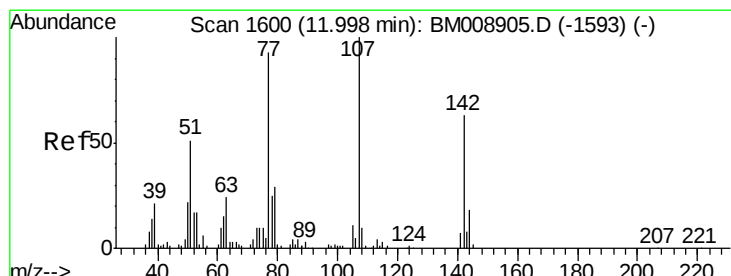
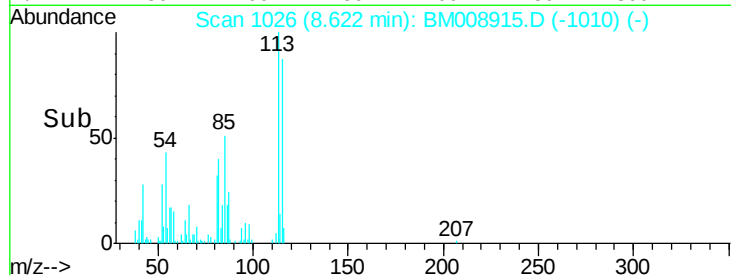
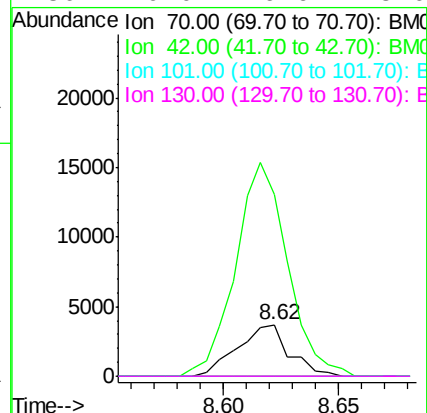
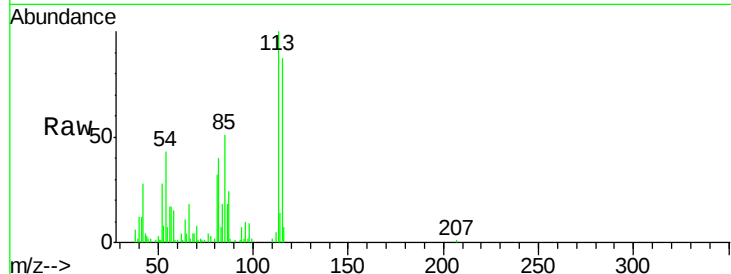




#15  
N-Nitroso-di-n-propylamine  
Concen: 1.27 ng/ul  
RT: 8.62 min Scan# 1026  
Delta R.T. -0.11 min  
Lab File: BM008915.D  
Acq: 27 Jan 2017 23:26

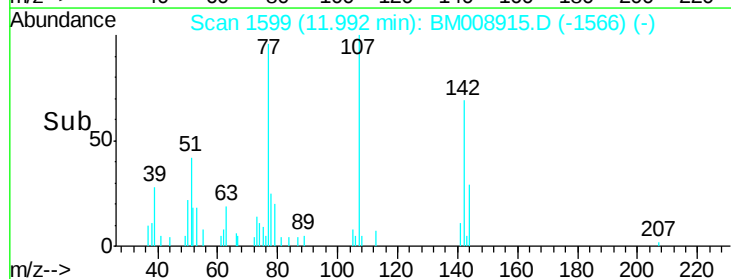
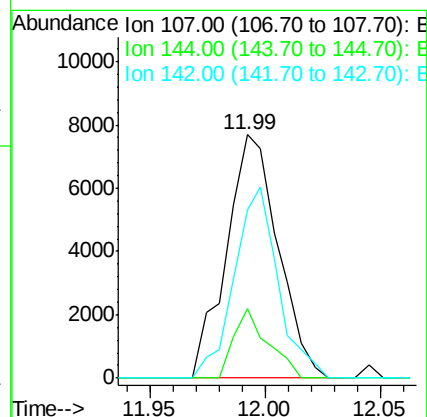
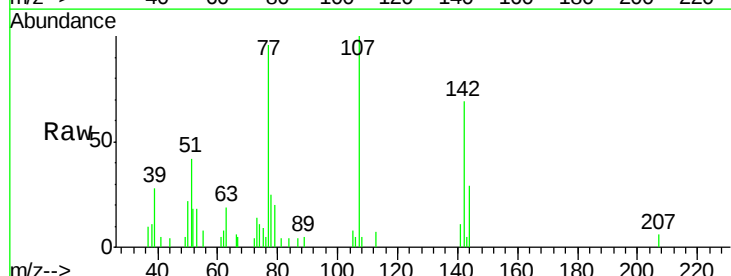
Instrument :  
BNA\_M  
ClientSampleId :  
BDMX4

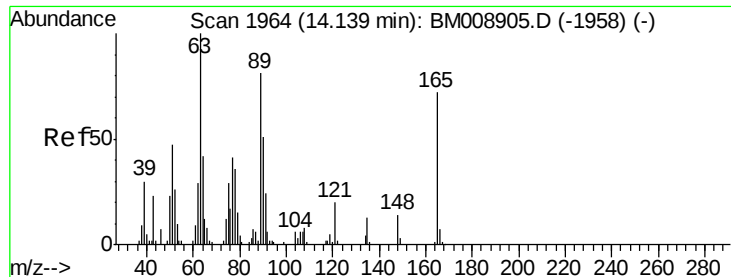
Tgt Ion: 70 Resp: 5815  
Ion Ratio Lower Upper  
70 100  
42 354.6 37.5 56.3#  
101 0.0 7.8 11.8#  
130 0.0 16.6 25.0#



#33  
4-Chloro-3-methylphenol  
Concen: 2.57 ng/ul  
RT: 11.99 min Scan# 1599  
Delta R.T. -0.01 min  
Lab File: BM008915.D  
Acq: 27 Jan 2017 23:26

Tgt Ion: 107 Resp: 11982  
Ion Ratio Lower Upper  
107 100  
144 28.7 19.4 29.2  
142 68.9 58.0 87.0





#45

2,6-Dinitrotoluene

Concen: 1.74 ng/ul

RT: 13.97 min Scan# 1935

Delta R.T. -0.17 min

Lab File: BM008915.D

Acq: 27 Jan 2017 23:26

Instrument :

BNA\_M

ClientSampleId :

BDMX4

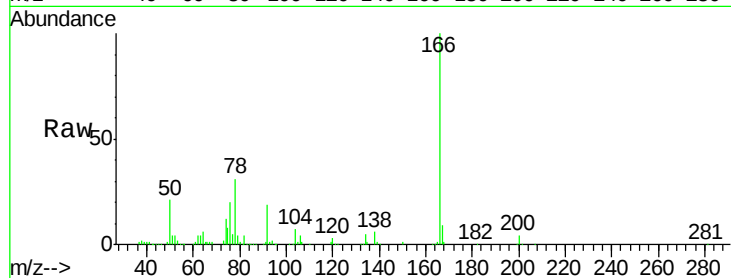
Tgt Ion:165 Resp: 3649

Ion Ratio Lower Upper

165 100

89 0.0 50.6 76.0#

121 43.9 18.2 27.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E

