

Data File : BM013456.D  
Acq On : 16 Dec 2017 01:42  
Operator : SJ/JU  
Sample : I6779-03  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F9A86

Quant Time: Dec 16 04:28:45 2017  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM113017.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Dec 16 00:23:08 2017  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 240234   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 1029974  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.32 | 164  | 621976   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.07 | 188  | 1455408  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.26 | 240  | 1348723  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.48 | 264  | 1068735  | 20.00 | ng/ul | 0.00     |

System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.22  | 96  | 21876   | 4.51  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.86  | 99  | 680275  | 32.72 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.02  | 67  | 361643  | 30.51 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.21  | 132 | 529597  | 32.61 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.38  | 113 | 572775  | 32.26 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.83  | 128 | 260070  | 31.84 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.55  | 143 | 297415  | 34.02 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.08 | 165 | 580574  | 32.23 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.60 | 131 | 478582  | 28.91 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.73 | 166 | 1864270 | 33.68 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.01 | 160 | 2305866 | 33.76 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.53 | 143 | 289869  | 30.14 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.32 | 176 | 1578203 | 33.16 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.44 | 200 | 255168  | 27.87 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.17 | 188 | 2440085 | 33.48 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.47 | 212 | 2642116 | 39.32 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.34 | 264 | 1842104 | 33.84 | ng/ul | 0.00 |

| Target Compounds               |       |     |        |      |        | Qvalue |
|--------------------------------|-------|-----|--------|------|--------|--------|
| 6) Phenol                      | 6.88  | 94  | 79229  | 3.86 | ng/ul# | 86     |
| 15) N-Nitroso-di-n-propylamine | 8.39  | 70  | 16168  | 1.19 | ng/ul# | 1      |
| 44) Dimethylphthalate          | 13.78 | 163 | 373990 | 7.06 | ng/ul  | 99     |

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

Data File : BM013456.D

Acq On : 16 Dec 2017 01:42

Operator : SJ/JU

Sample : I6779-03

Misc :

ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA\_M

ClientSampleId :

F9A86

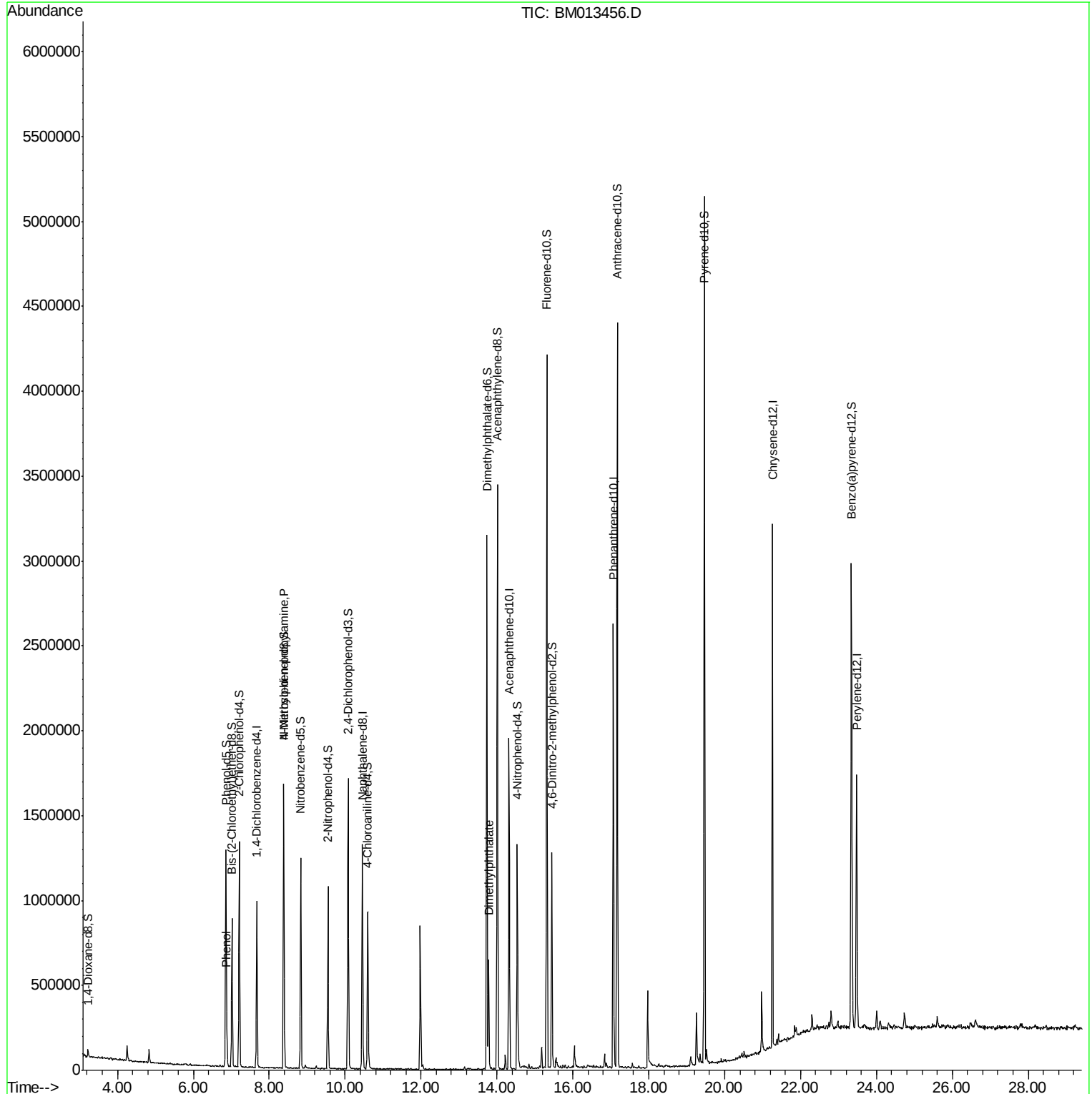
Quant Time: Dec 16 04:28:45 2017

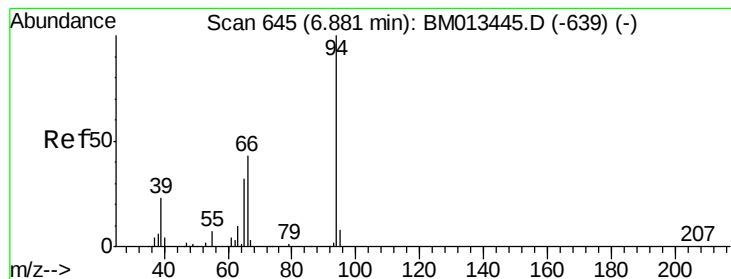
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Dec 16 00:23:08 2017

Response via : Initial Calibration





#6

Phenol

Concen: 3.86 ng/ul

RT: 6.88 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM013456.D

Acq: 16 Dec 2017 01:42

Instrument :

BNA\_M

ClientSampleId :

F9A86

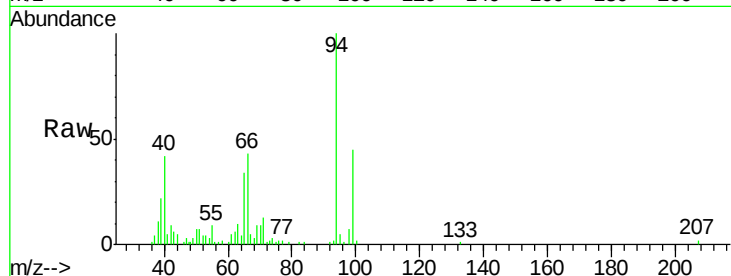
Tgt Ion: 94 Resp: 79229

Ion Ratio Lower Upper

94 100

65 34.3 28.2 42.4

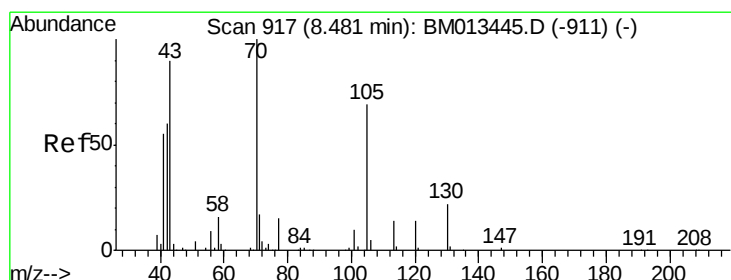
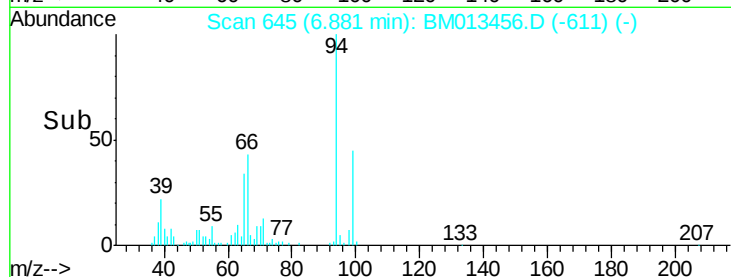
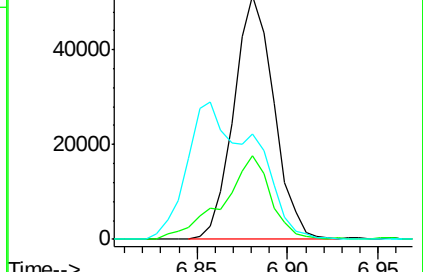
66 43.1 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013445.D (-639) (-)

Ion 65.00 (64.70 to 65.70): BM013445.D (-639) (-)

Ion 66.00 (65.70 to 66.70): BM013445.D (-639) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 1.19 ng/ul

RT: 8.39 min Scan# 901

Delta R.T. -0.09 min

Lab File: BM013456.D

Acq: 16 Dec 2017 01:42

Tgt Ion: 70 Resp: 16168

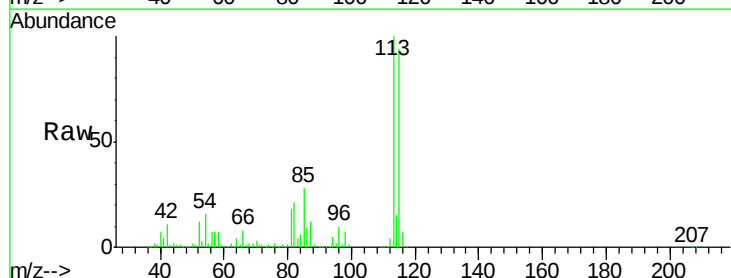
Ion Ratio Lower Upper

70 100

42 370.9 76.0 114.0#

101 0.0 6.7 10.1#

130 0.0 14.6 22.0#

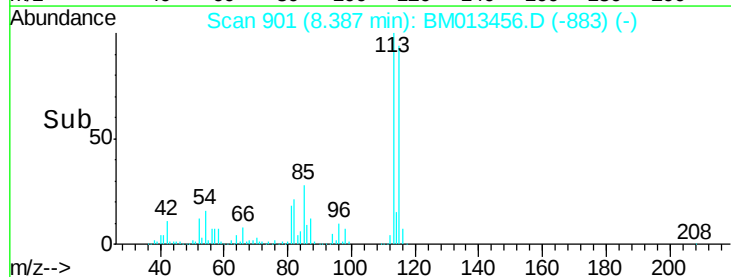
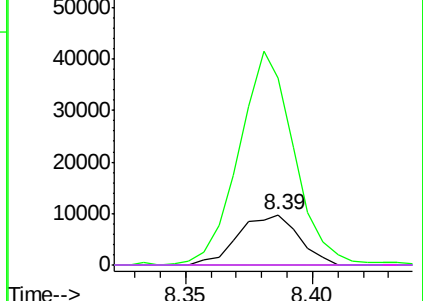


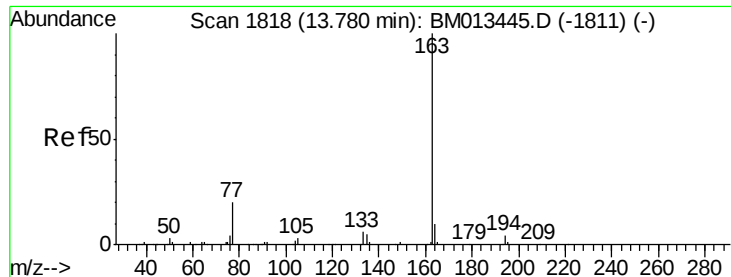
Abundance Ion 70.00 (69.70 to 70.70): BM013445.D (-911) (-)

Ion 42.00 (41.70 to 42.70): BM013445.D (-911) (-)

Ion 101.00 (100.70 to 101.70): BM013445.D (-911) (-)

Ion 130.00 (129.70 to 130.70): BM013445.D (-911) (-)





#44

Dimethylphthalate

Concen: 7.06 ng/ul

RT: 13.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BM013456.D

Acq: 16 Dec 2017 01:42

Instrument :

BNA\_M

ClientSampleId :

F9A86

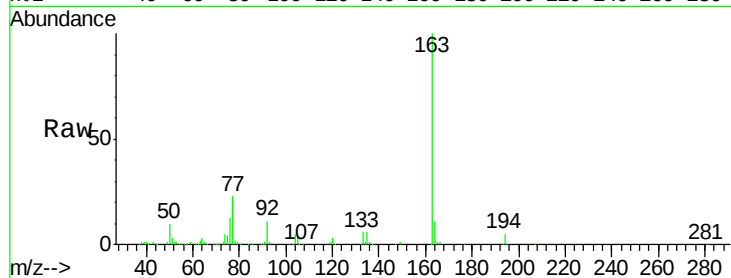
Tgt Ion:163 Resp: 373990

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

164 10.9 8.2 12.4



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

