

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\  
 Data File : BM014092.D  
 Acq On : 02 Feb 2018 02:21  
 Operator : SJ/JU  
 Sample : J1317-11  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Feb 02 03:16:23 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Feb 02 03:15:28 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.56  | 152  | 107701   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.33 | 136  | 442714   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.21 | 164  | 284025   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.97 | 188  | 659904   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.17 | 240  | 758843   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.35 | 264  | 745723   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.12  | 96  | 14554   | 6.20  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.75  | 99  | 279018  | 34.47 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.90  | 67  | 172802  | 35.39 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.09  | 132 | 237077  | 36.98 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.27  | 113 | 248398  | 36.65 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.72  | 128 | 120257  | 37.63 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.43  | 143 | 135340  | 38.27 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.96  | 165 | 254485  | 34.21 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.48 | 131 | 283309  | 43.93 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.63 | 166 | 851395  | 36.12 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.90 | 160 | 1055262 | 36.90 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.46 | 143 | 73921   | 22.76 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.21 | 176 | 754812  | 35.78 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.36 | 200 | 108743  | 26.84 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.07 | 188 | 1188986 | 37.11 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.37 | 212 | 1347262 | 36.87 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.22 | 264 | 1343646 | 36.71 | ng/ul | 0.00 |

## Target Compounds

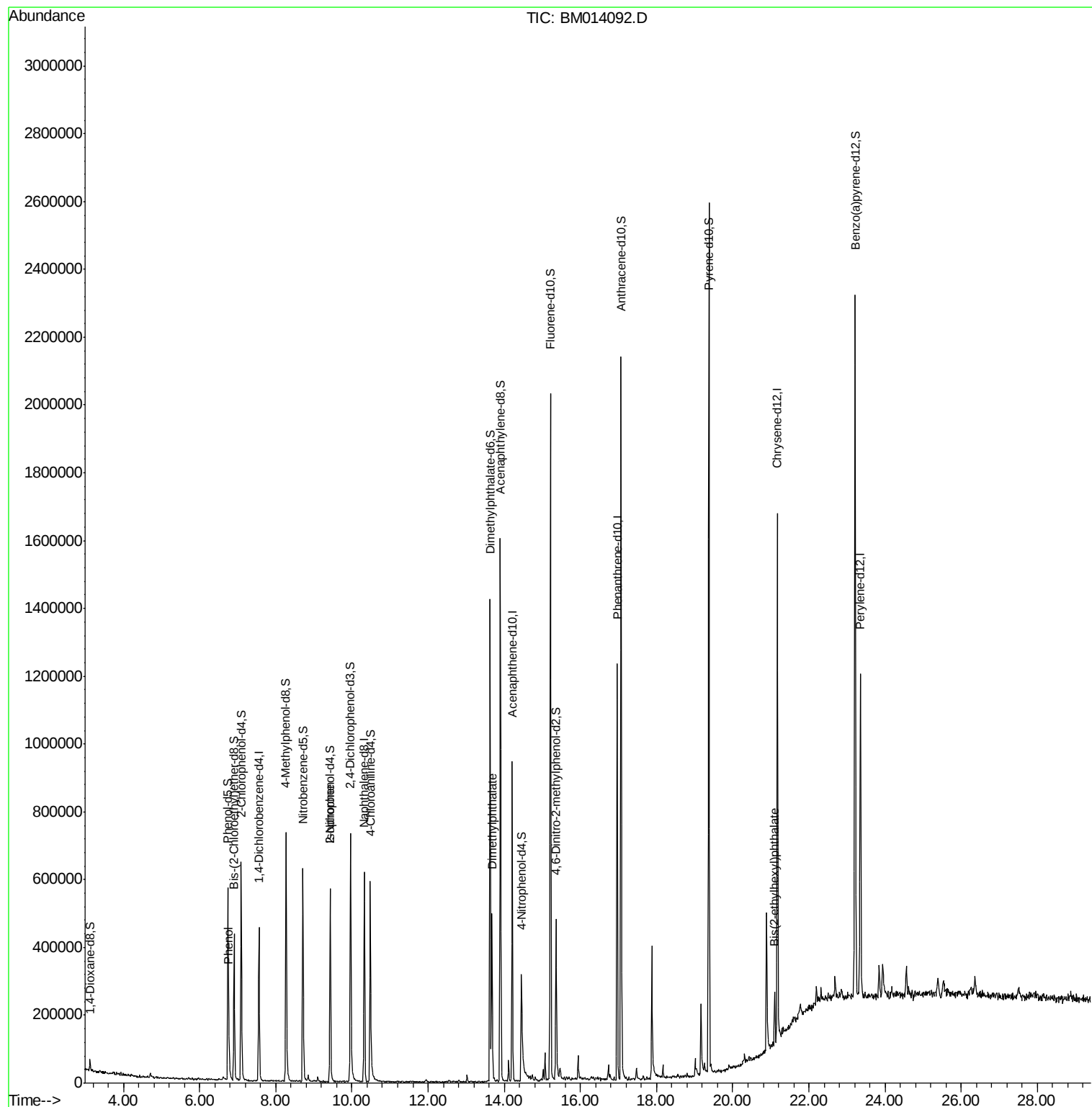
|                                |       |     |        |        | Ovalue    |
|--------------------------------|-------|-----|--------|--------|-----------|
| 6) Phenol                      | 6.77  | 94  | 47281  | 5.838  | ng/ul 95  |
| 21) Isophorone                 | 9.43  | 82  | 17824  | 1.179  | ng/ul# 77 |
| 44) Dimethylphthalate          | 13.68 | 163 | 297064 | 13.073 | ng/ul 100 |
| 81) Bis(2-ethylhexyl)phthalate | 21.09 | 149 | 44072  | 1.693  | ng/ul 97  |

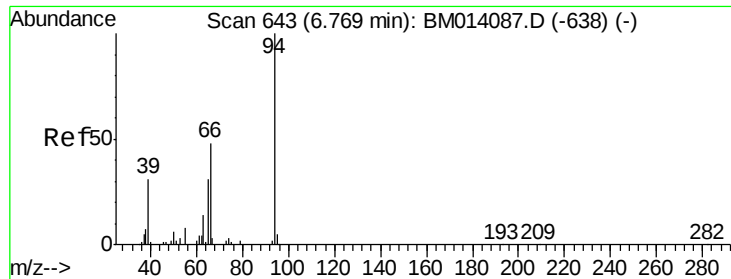
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 5.838 ng/ul

RT: 6.77 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM014092.D

Acq: 02 Feb 2018 02:21

Instrument :

BNA\_M

ClientSampleId :

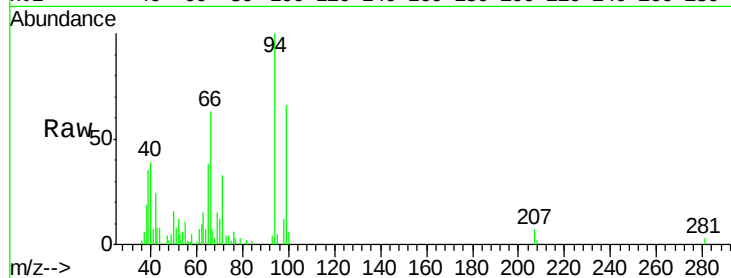
Tot Ion: 94 Resp: 47281

Ion Ratio Lower Upper

94 100

65 37.7 28.2 42.4

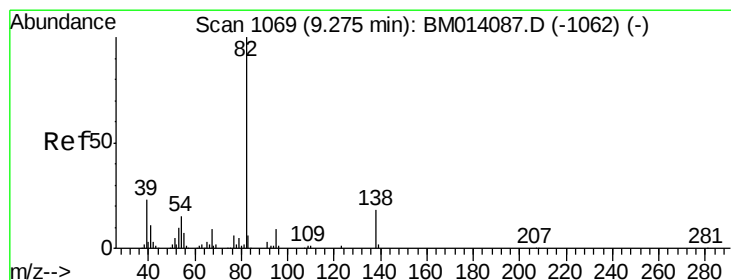
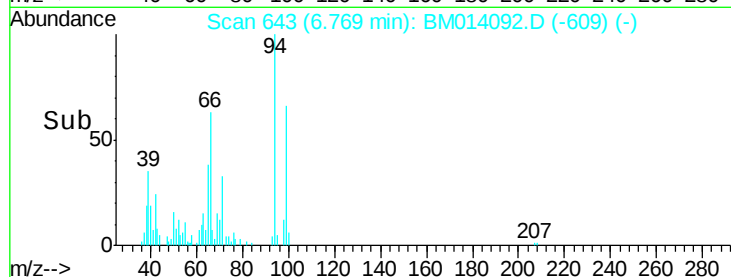
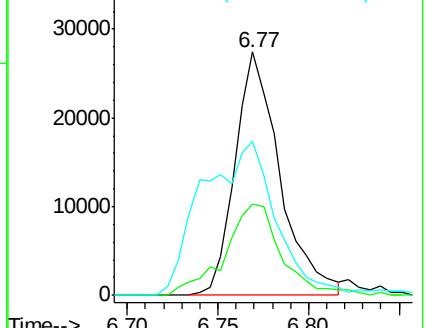
66 63.3 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM014087.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM014087.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM014087.D (-638) (-)



#21

Isophorone

Concen: 1.179 ng/ul

RT: 9.43 min Scan# 1095

Delta R.T. 0.15 min

Lab File: BM014092.D

Acq: 02 Feb 2018 02:21

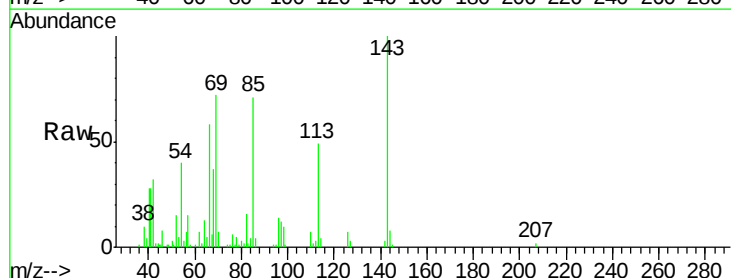
Tgt Ion: 82 Resp: 17824

Ion Ratio Lower Upper

82 100

95 8.8 7.8 11.8

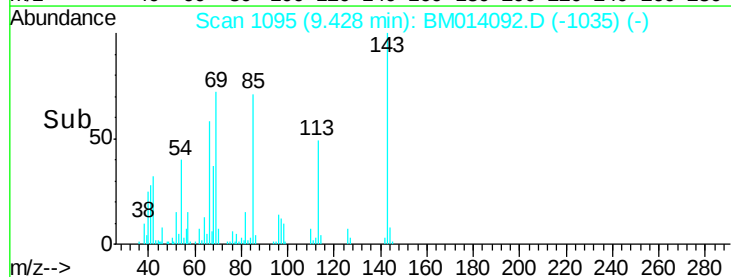
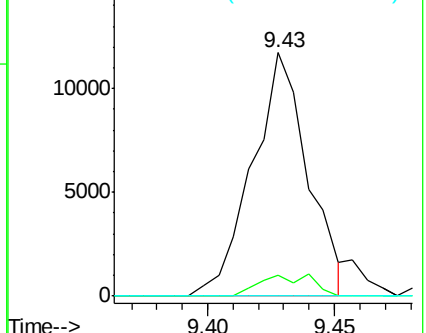
138 0.0 11.9 17.9#

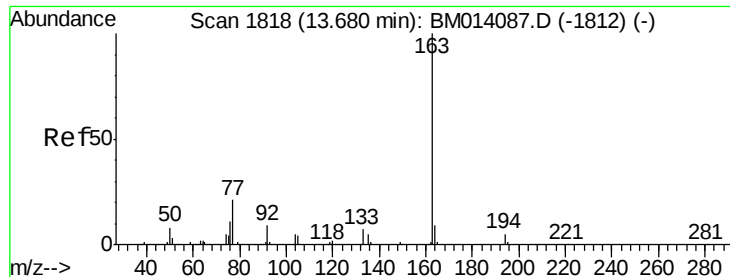


Abundance Ion 82.00 (81.70 to 82.70): BM014087.D (-1062) (-)

Ion 95.00 (94.70 to 95.70): BM014087.D (-1062) (-)

Ion 138.00 (137.70 to 138.70): BM014087.D (-1062) (-)





#44

Dimethylphthalate

Concen: 13.073 ng/ul

RT: 13.68 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BM014092.D

Acq: 02 Feb 2018 02:21

Instrument :

BNA\_M

ClientSampled :

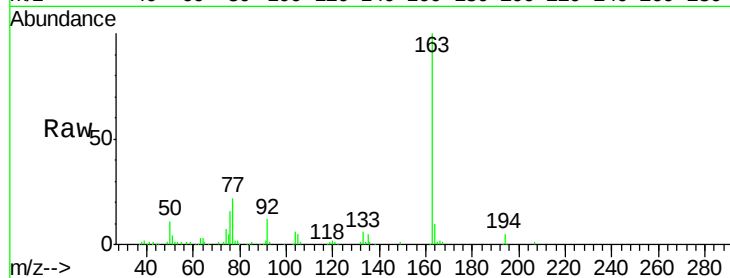
Tot Ion:163 Resp: 297064

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

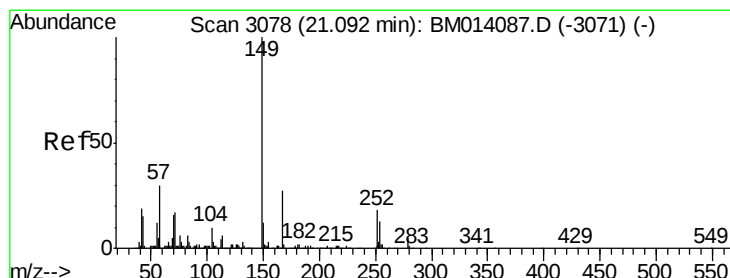
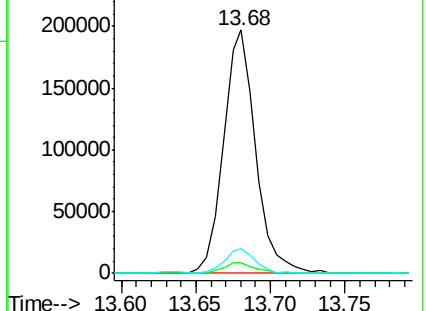
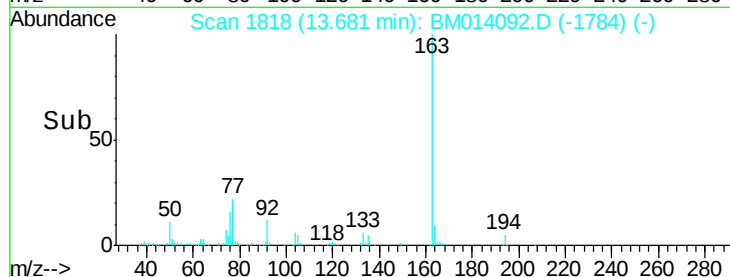
164 10.2 8.2 12.4



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 1.693 ng/ul

RT: 21.09 min Scan# 3078

Delta R.T. 0.00 min

Lab File: BM014092.D

Acq: 02 Feb 2018 02:21

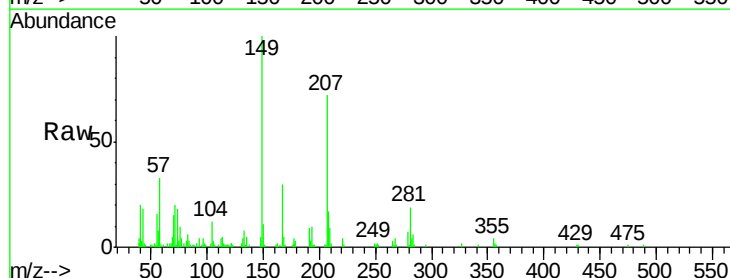
Tgt Ion:149 Resp: 44072

Ion Ratio Lower Upper

149 100

167 30.3 22.8 34.2

279 6.7 4.9 7.3



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

