

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041318\  
 Data File : BM014700.D  
 Acq On : 13 Apr 2018 13:43  
 Operator : SJ/JU  
 Sample : J2313-06  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Apr 13 23:56:11 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032818MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Apr 13 23:54:45 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.57  | 152  | 502845   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.42 | 136  | 2177079  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 15.17 | 164  | 1144748  | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.88 | 188  | 2216057  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.96 | 240  | 1587551  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 24.48 | 264  | 1607805  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.69  | 96  | 61317   | 5.87  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 7.69  | 99  | 258787  | 6.45  | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.87  | 67  | 810659  | 32.14 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 8.09  | 132 | 843351  | 25.49 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 9.26  | 113 | 519879  | 15.87 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 9.75  | 128 | 512205  | 36.58 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 10.48 | 143 | 515232  | 40.95 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 11.02 | 165 | 931318  | 28.97 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 11.53 | 131 | 148185  | 4.08  | ng/ul | -0.01 |
| 43) Dimethylphthalate-d6       | 14.56 | 166 | 2826757 | 31.25 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.87 | 160 | 3779161 | 32.89 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 15.32 | 143 | 74524   | 5.08  | ng/ul | 0.00  |
| 57) Fluorene-d10               | 16.14 | 176 | 2407118 | 30.94 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 16.24 | 200 | 323899  | 34.24 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.98 | 188 | 3309209 | 31.70 | ng/ul | 0.00  |
| 78) Pyrene-d10                 | 20.21 | 212 | 2895553 | 35.94 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 24.31 | 264 | 2448504 | 31.01 | ng/ul | 0.00  |

## Target Compounds

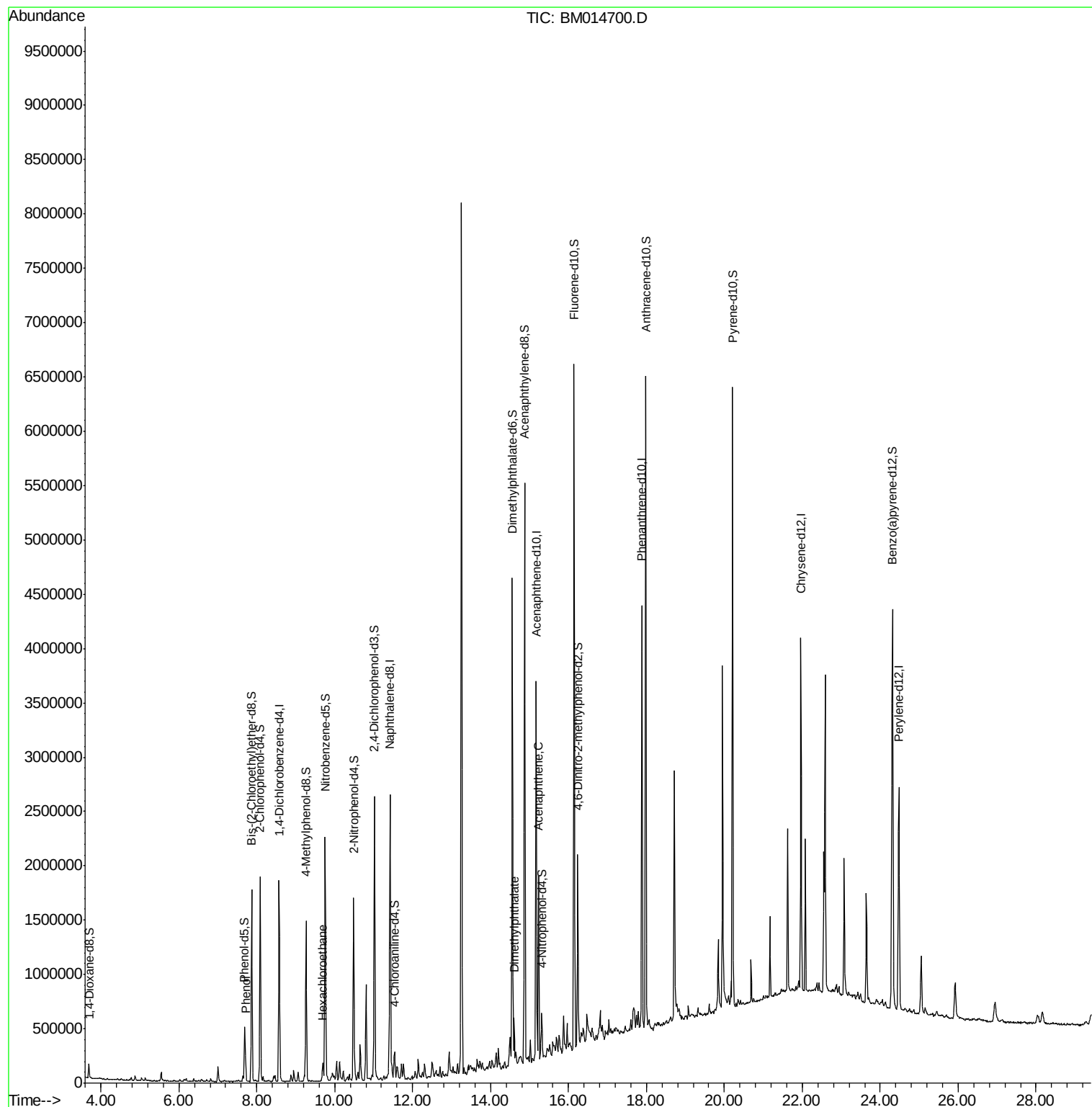
|                       |       |     |        |              | Ovalue |
|-----------------------|-------|-----|--------|--------------|--------|
| 6) Phenol             | 7.72  | 94  | 98764  | 2.522 ng/ul  | 95     |
| 17) Hexachloroethane  | 9.70  | 117 | 43056  | 3.252 ng/ul# | 7      |
| 44) Dimethylphthalate | 14.60 | 163 | 242043 | 2.777 ng/ul  | 98     |
| 49) Acenaphthene      | 15.23 | 153 | 696656 | 9.157 ng/ul  | 98     |

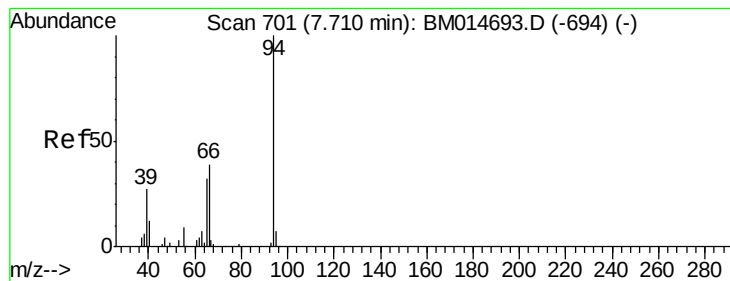
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.522 ng/ul

RT: 7.72 min Scan# 702

Delta R.T. 0.01 min

Lab File: BM014700.D

Acq: 13 Apr 2018 13:43

Instrument :

BNA\_M

ClientSampleId :

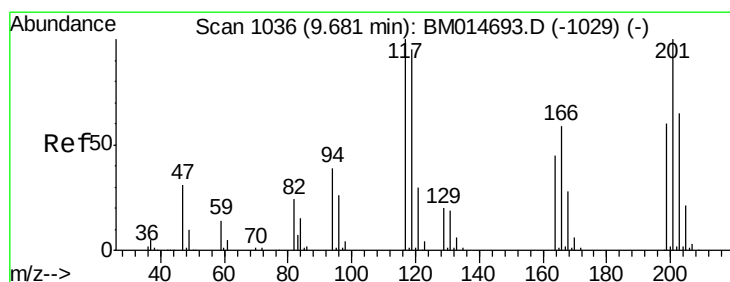
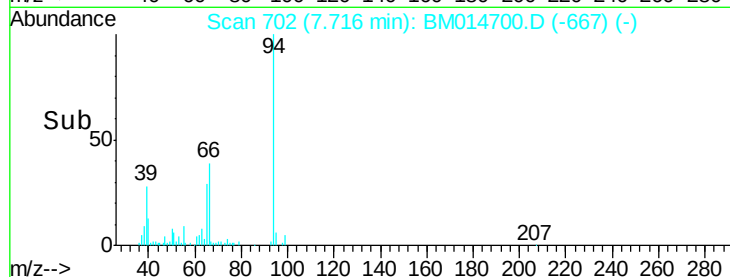
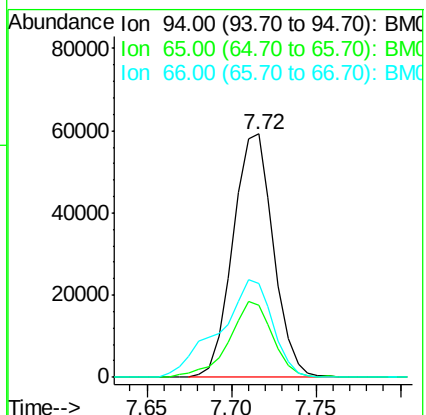
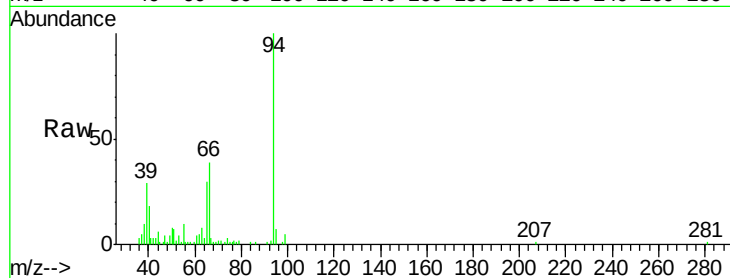
Tot Ion: 94 Resp: 98764

Ion Ratio Lower Upper

94 100

65 29.5 21.0 31.6

66 38.5 29.3 43.9



#17

Hexachloroethane

Concen: 3.252 ng/ul

RT: 9.70 min Scan# 1040

Delta R.T. 0.02 min

Lab File: BM014700.D

Acq: 13 Apr 2018 13:43

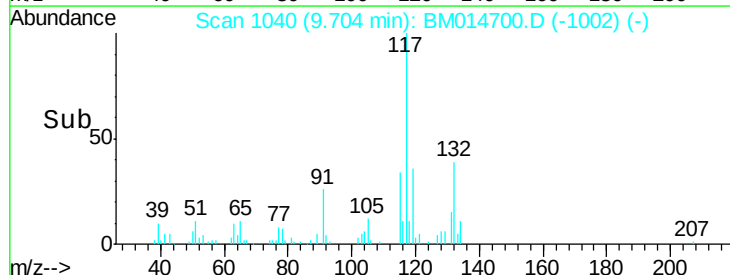
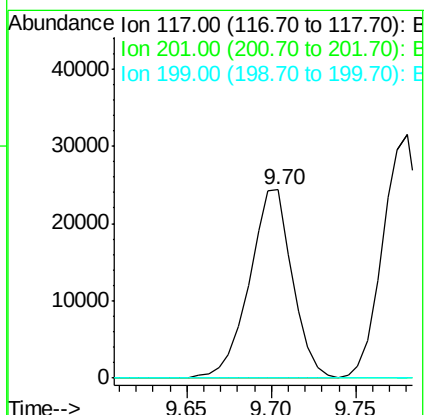
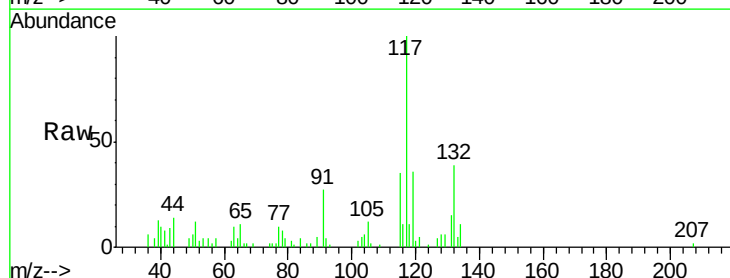
Tgt Ion: 117 Resp: 43056

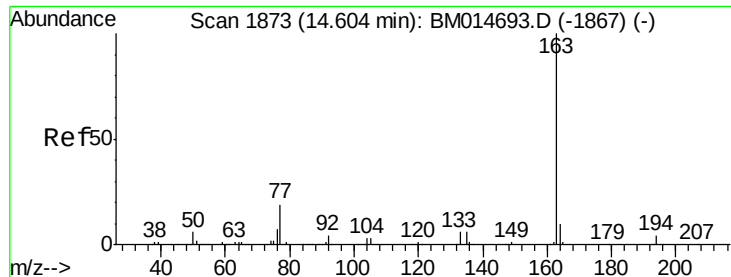
Ion Ratio Lower Upper

117 100

201 0.0 81.5 122.3#

199 0.0 50.6 76.0#





#44

Dimethylphthalate

Concen: 2.777 ng/ul

RT: 14.60 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BM014700.D

Acq: 13 Apr 2018 13:43

Instrument :

BNA\_M

ClientSampled :

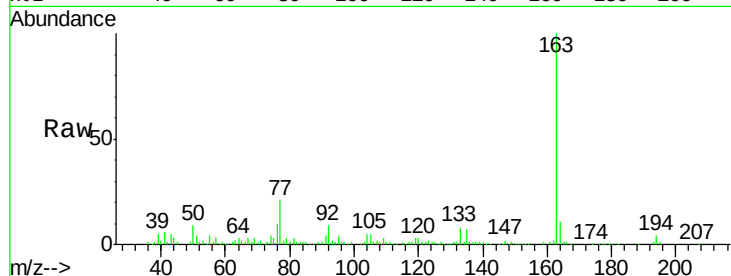
Tot Ion:163 Resp: 242043

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

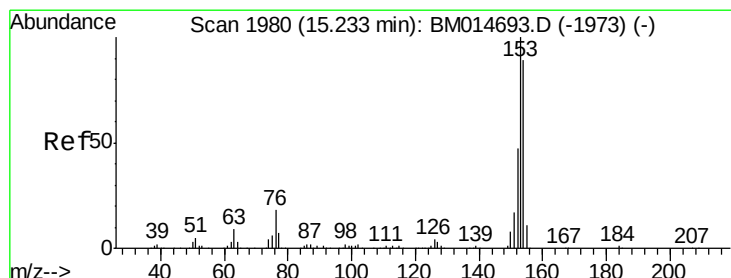
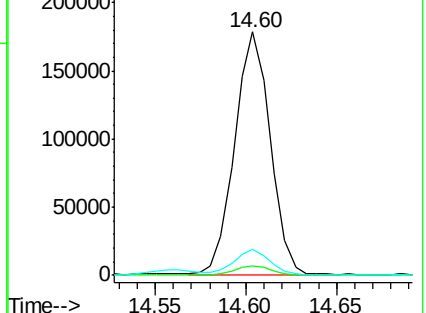
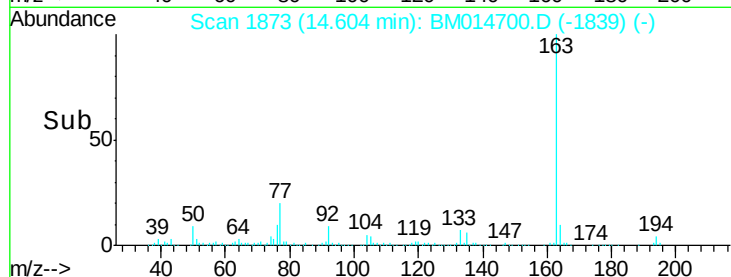
164 10.7 7.8 11.8



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



#49

Acenaphthene

Concen: 9.157 ng/ul

RT: 15.23 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BM014700.D

Acq: 13 Apr 2018 13:43

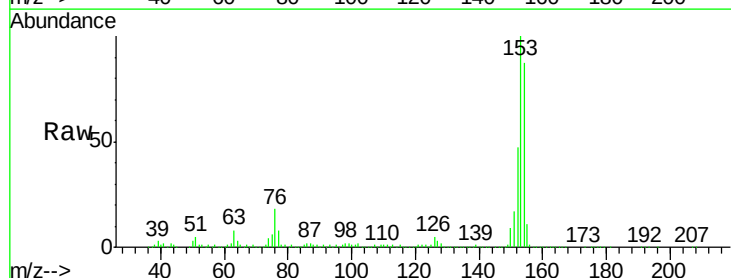
Tgt Ion:153 Resp: 696656

Ion Ratio Lower Upper

153 100

152 46.9 38.3 57.5

154 87.2 71.8 107.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

