

Data File : BM010638.D  
Acq On : 22 Jun 2017 00:15  
Operator : SJ/JU  
Sample : I3625-07  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
F5B07

Quant Time: Jun 22 01:41:27 2017  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM062017.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 22 01:38:18 2017  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.46  | 152  | 83018    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.23 | 136  | 379014   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.12 | 164  | 268371   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.87 | 188  | 690795   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.09 | 240  | 797641   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.23 | 264  | 687003   | 20.00 | ng/ul | 0.00     |

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| System Monitoring Compounds    |       |     |         |       |       |       |
| 3) 1,4-Dioxane-d8              | 3.07  | 96  | 6190    | 4.27  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.65  | 99  | 156835  | 19.83 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.82  | 67  | 89586   | 19.84 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.00  | 132 | 125922  | 22.70 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.17  | 113 | 145010  | 22.12 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.61  | 128 | 68546   | 25.35 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.32  | 143 | 81993   | 26.32 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.85  | 165 | 156521  | 23.86 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.37 | 131 | 205035  | 29.67 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.54 | 166 | 669241  | 28.41 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 13.80 | 160 | 734788  | 26.81 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.32 | 143 | 79073   | 19.07 | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.12 | 176 | 557556  | 27.38 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.24 | 200 | 93726   | 22.09 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 16.87 | 188 | 690795  | 20.71 | ng/ul | -0.10 |
| 76) Pyrene-d10                 | 19.28 | 212 | 1078897 | 29.12 | ng/ul | 0.00  |
| 87) Benzo(a)pyrene-d12         | 23.09 | 264 | 917468  | 27.63 | ng/ul | 0.00  |

|                          |       |     |        |        |       |     |
|--------------------------|-------|-----|--------|--------|-------|-----|
| Target Compounds         |       |     |        | Qvalue |       |     |
| 6) Phenol                | 6.67  | 94  | 12409  | 1.52   | ng/ul | 97  |
| 44) Dimethylphthalate    | 13.59 | 163 | 115486 | 5.00   | ng/ul | 97  |
| 86) Benzo(k)fluoranthene | 22.59 | 252 | 43387  | 1.03   | ng/ul | 100 |

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

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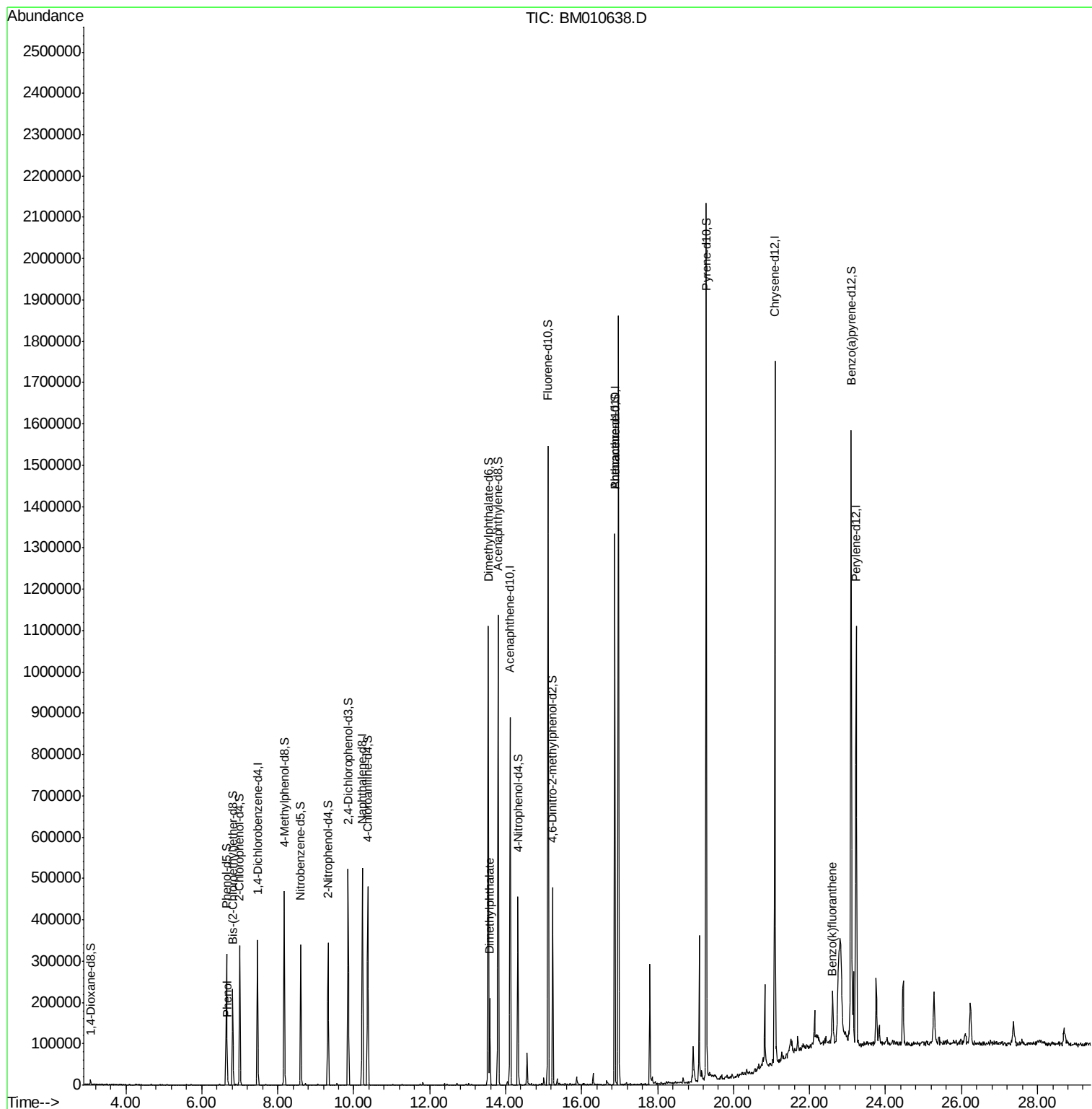
Quant Time: Jun 22 01:41:27 2017

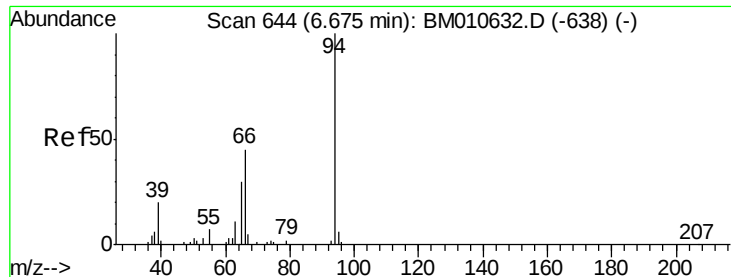
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM062017.M

Quant Title : SVOA CALIBRATION

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#6

Phenol

Concen: 1.52 ng/ul

RT: 6.67 min Scan# 644

Delta R.T. -0.00 min

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Instrument :

BNA\_M

ClientSampleId :

F5B07

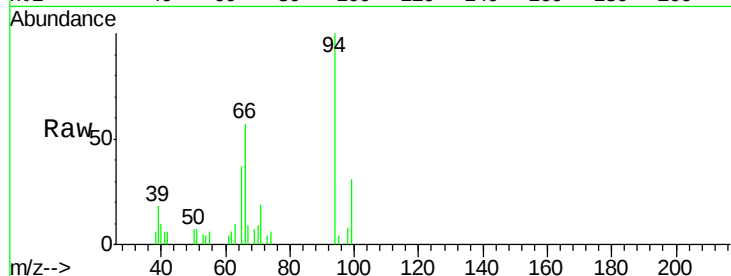
Tgt Ion: 94 Resp: 12409

Ion Ratio Lower Upper

94 100

65 37.4 28.2 42.4

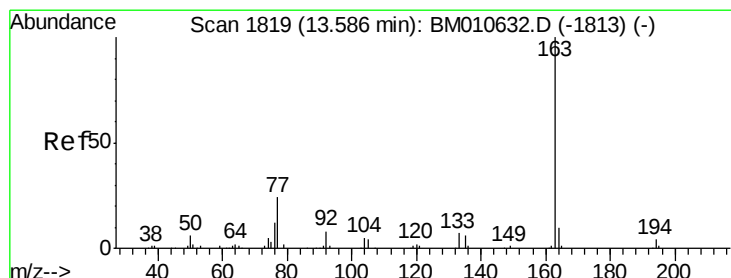
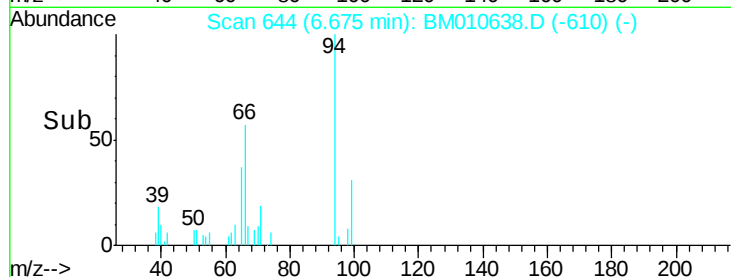
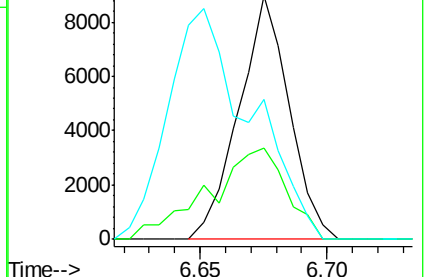
66 57.3 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM010638.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM010638.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM010638.D (-638) (-)



#44

Dimethylphthalate

Concen: 5.00 ng/ul

RT: 13.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BM010638.D

Acq: 22 Jun 2017 00:15

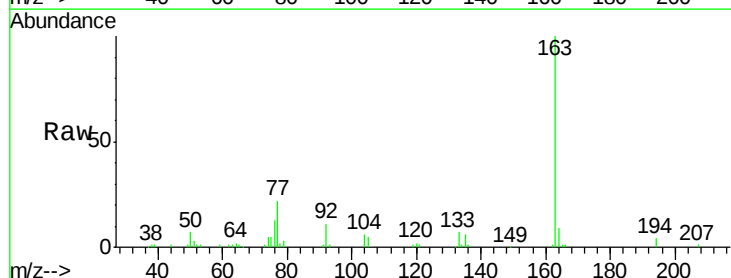
Tgt Ion: 163 Resp: 115486

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

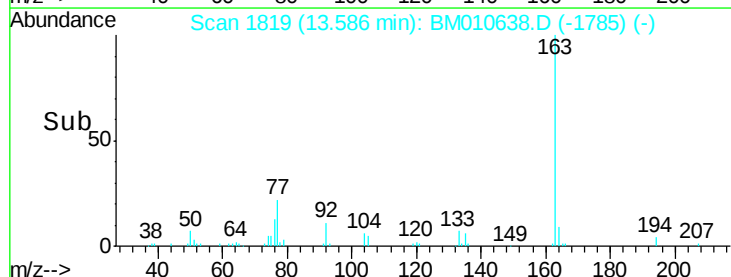
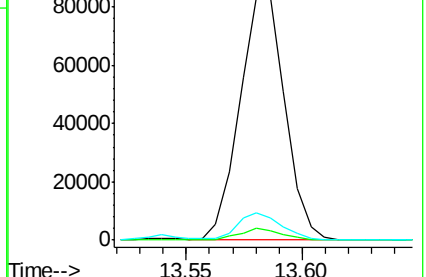
164 9.0 8.2 12.4

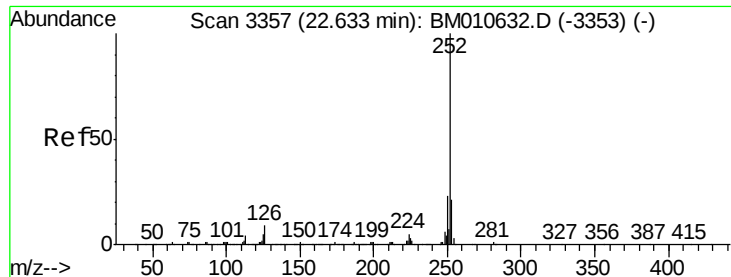


Abundance Ion 163.00 (162.70 to 163.70): BM010638.D (-1813) (-)

Ion 194.00 (193.70 to 194.70): BM010638.D (-1813) (-)

Ion 164.00 (163.70 to 164.70): BM010638.D (-1813) (-)





#86

Benzo(k)fluoranthene

Concen: 1.03 ng/ul

RT: 22.59 min Scan# 3349

Delta R.T. -0.05 min

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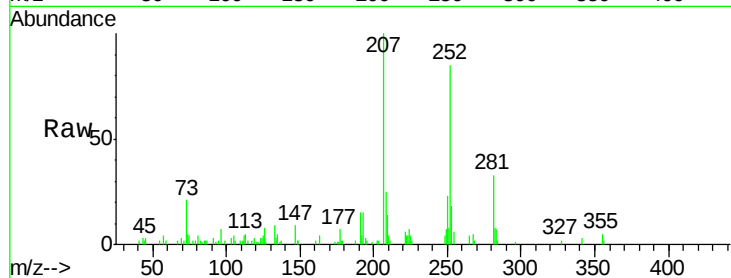
Tgt Ion: 252 Resp: 43387

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

125 4.4 3.4 5.2



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

