

Data File : BM010658.D  
Acq On : 22 Jun 2017 14:09  
Operator : SJ/JU  
Sample : I3767-04  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
BDC71

Quant Time: Jun 23 01:05:06 2017  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM062017.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Jun 23 01:03:57 2017  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.46  | 152  | 56210    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.22 | 136  | 249093   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.12 | 164  | 175983   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.87 | 188  | 437412   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.08 | 240  | 509195   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.22 | 264  | 406571   | 20.00 | ng/ul | 0.00     |

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| System Monitoring Compounds    |       |     |        |       |       |      |
| 3) 1,4-Dioxane-d8              | 3.08  | 96  | 5472   | 5.58  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.65  | 99  | 26664  | 4.98  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.82  | 67  | 75503  | 24.70 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.00  | 132 | 80951  | 21.55 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.16  | 113 | 55416  | 12.48 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.60  | 128 | 54278  | 30.55 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.32  | 143 | 66993  | 32.73 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.85  | 165 | 117385 | 27.23 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.36 | 131 | 7307   | 1.61  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.53 | 166 | 479489 | 31.04 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.80 | 160 | 531813 | 29.60 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.32 | 143 | 12737  | 4.68  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.12 | 176 | 404050 | 30.26 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.24 | 200 | 83714  | 31.16 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 16.97 | 188 | 667634 | 31.61 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.27 | 212 | 787756 | 33.30 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.09 | 264 | 619757 | 31.54 | ng/ul | 0.00 |

|                        |       |     |       |        |        |    |
|------------------------|-------|-----|-------|--------|--------|----|
| Target Compounds       |       |     |       | Qvalue |        |    |
| 21) Isophorone         | 9.32  | 82  | 10965 | 1.06   | ng/ul# | 68 |
| 45) 2,6-Dinitrotoluene | 13.53 | 165 | 3635  | 1.39   | ng/ul# | 24 |

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

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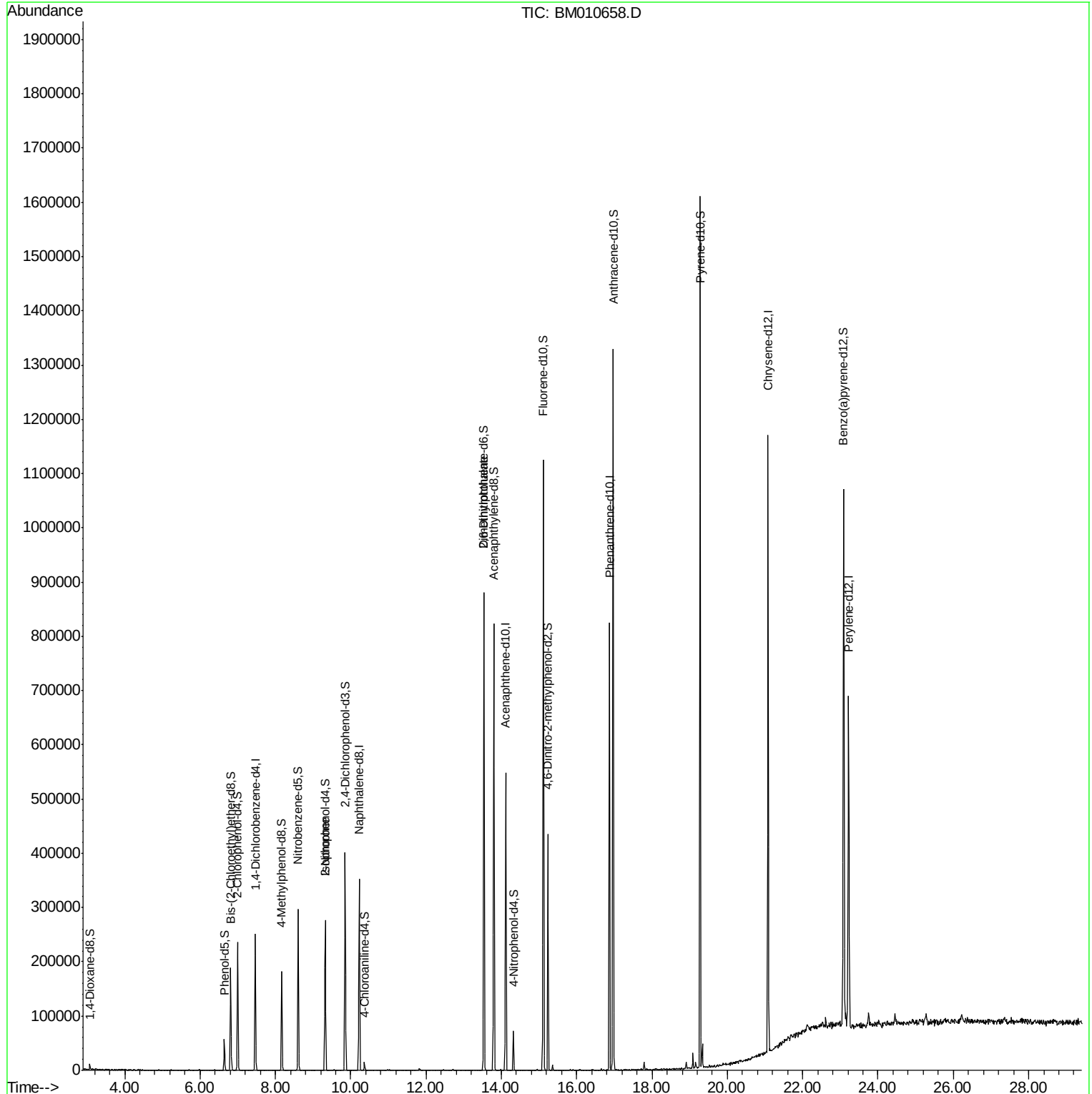
Quant Time: Jun 23 01:05:06 2017

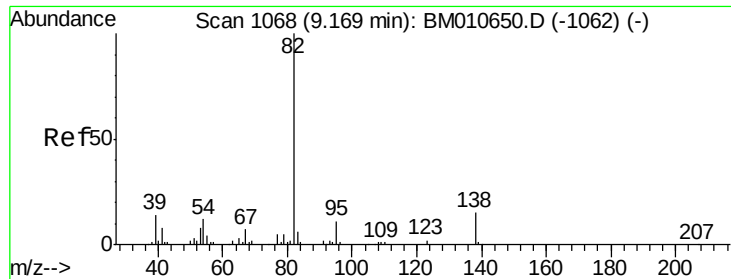
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM062017.M

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QLast Update : Fri Jun 23 01:03:57 2017

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#21

Isophorone

Concen: 1.06 ng/ul

RT: 9.32 min Scan# 1093

Delta R.T. 0.15 min

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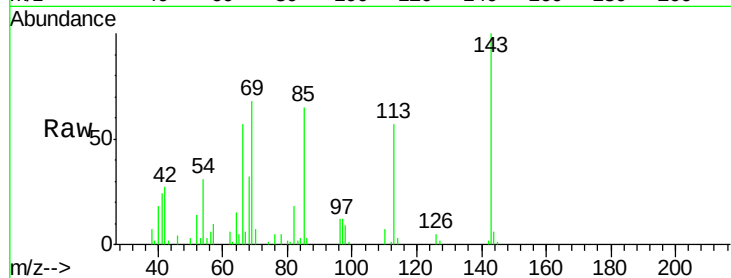
Tgt Ion: 82 Resp: 10965

Ion Ratio Lower Upper

82 100

95 0.0 7.8 11.8#

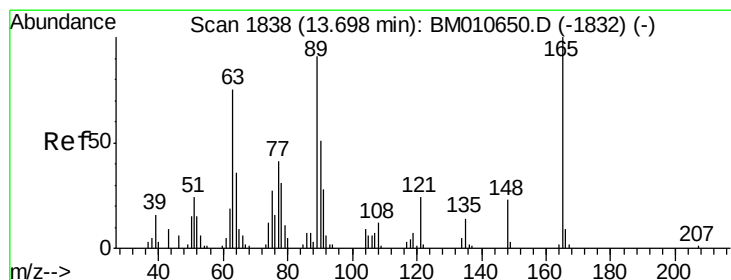
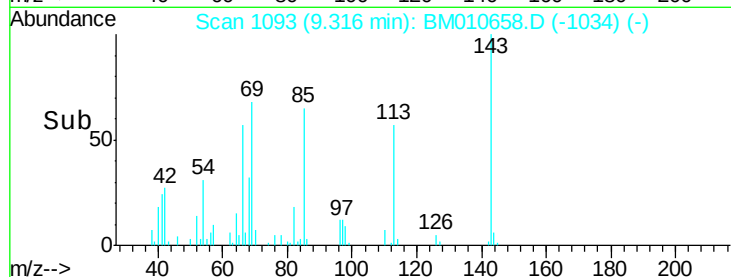
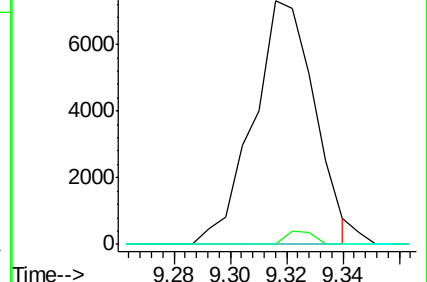
138 0.0 11.9 17.9#



Abundance Ion 82.00 (81.70 to 82.70): BM010658.D (-1062) (-)

Ion 95.00 (94.70 to 95.70): BM010658.D (-1062) (-)

Ion 138.00 (137.70 to 138.70): BM010658.D (-1062) (-)



#45

2,6-Dinitrotoluene

Concen: 1.39 ng/ul

RT: 13.53 min Scan# 1810

Delta R.T. -0.16 min

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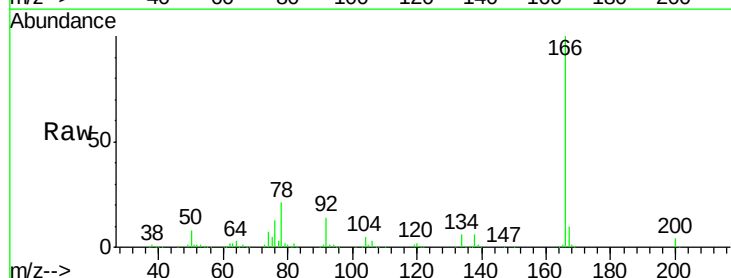
Tgt Ion: 165 Resp: 3635

Ion Ratio Lower Upper

165 100

89 0.0 52.6 79.0#

121 42.1 14.6 22.0#



Abundance Ion 165.00 (164.70 to 165.70): BM010658.D (-1804) (-)

Ion 89.00 (88.70 to 89.70): BM010658.D (-1804) (-)

Ion 121.00 (120.70 to 121.70): BM010658.D (-1804) (-)

