

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG081219\  
 Data File : BG042159.D  
 Acq On : 12 Aug 2019 23:30  
 Operator : HP/JU  
 Sample : K4161-09  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ETOD8

Quant Time: Aug 13 13:03:15 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Aug 13 04:44:41 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.02  | 152  | 99701    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.85 | 136  | 407397   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.69 | 164  | 280934   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.44 | 188  | 595263   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.72 | 240  | 593319   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 24.99 | 264  | 639547   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.41  | 96  | 10048   | 4.41  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.18  | 99  | 56307   | 7.20  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.34  | 67  | 103842  | 23.73 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.55  | 132 | 161116  | 24.09 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.74  | 113 | 104156  | 15.86 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.19  | 128 | 96376   | 31.43 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.92  | 143 | 118208  | 33.20 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.47 | 165 | 212710  | 29.59 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.98 | 131 | 18818   | 2.36  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.09 | 166 | 666313  | 30.58 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.37 | 160 | 767956  | 30.86 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.89 | 143 | 21076   | 5.76  | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.68 | 176 | 588080  | 30.34 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.80 | 200 | 97195   | 25.45 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.54 | 188 | 889060  | 31.13 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.82 | 212 | 1027696 | 31.04 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 24.76 | 264 | 1127038 | 33.73 | ng/ul | 0.00 |

## Target Compounds

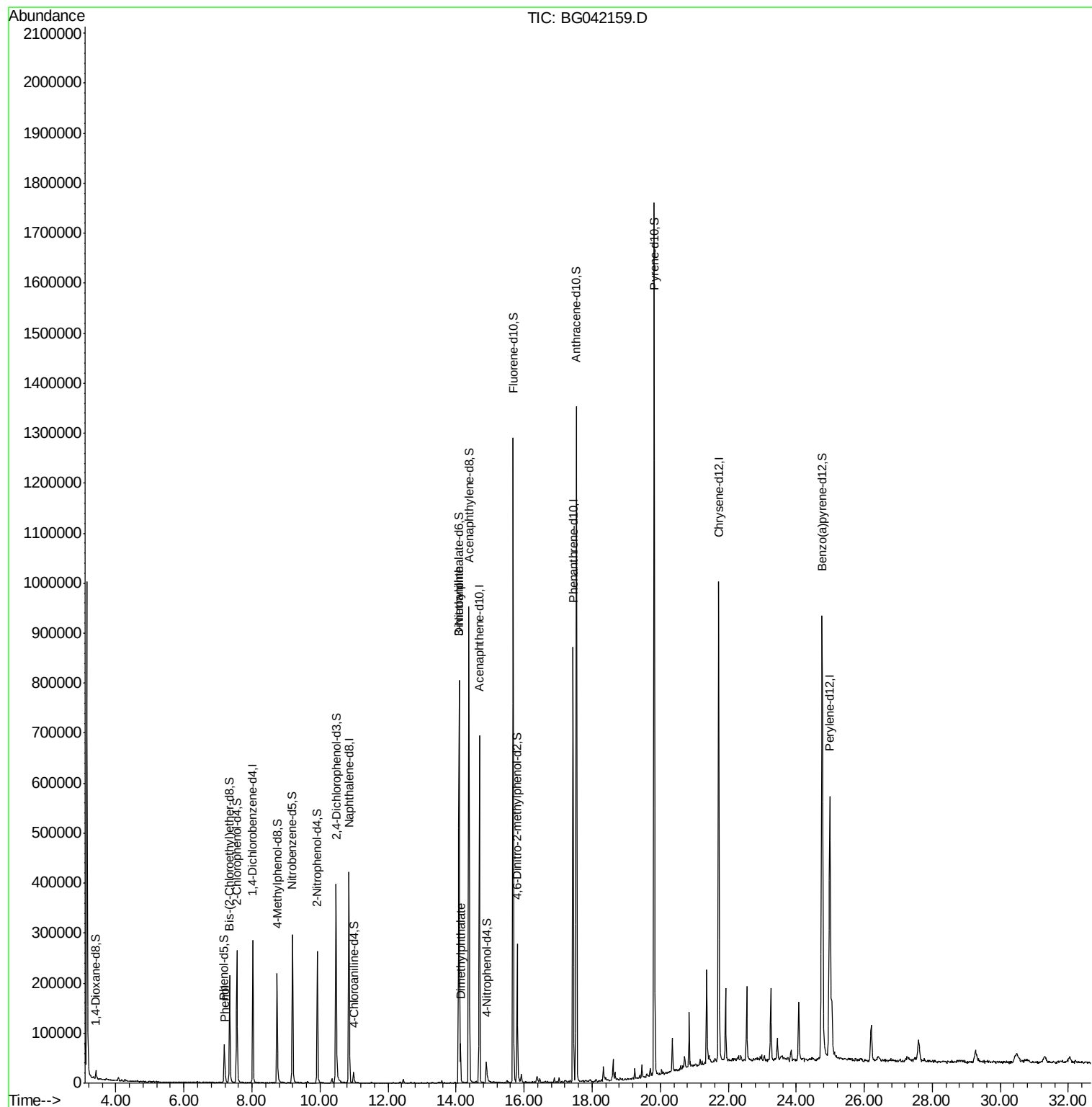
|                       |       |     |       |              | Qvalue |
|-----------------------|-------|-----|-------|--------------|--------|
| 6) Phenol             | 7.21  | 94  | 9743  | 1.206 ng/ul  | 94     |
| 44) Dimethylphthalate | 14.13 | 163 | 56330 | 2.604 ng/ul  | 98     |
| 48) 3-Nitroaniline    | 14.09 | 138 | 36097 | 9.619 ng/ul# | 71     |

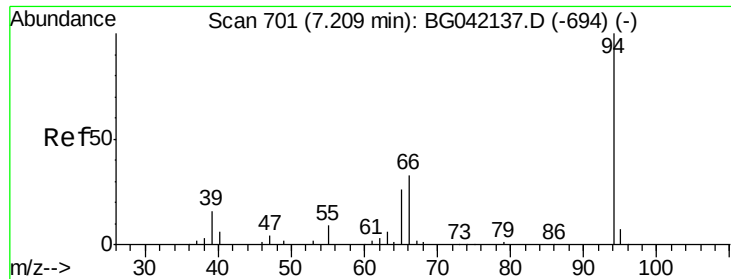
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.206 ng/ul

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG042159.D

Acq: 12 Aug 2019 23:30

Instrument :

BNA\_G

ClientSampleId :

ETOD8

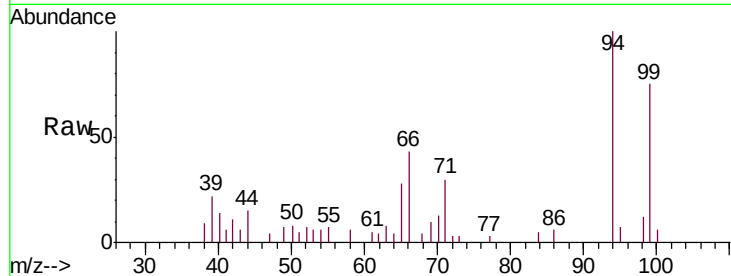
Tgt Ion: 94 Resp: 9743

Ion Ratio Lower Upper

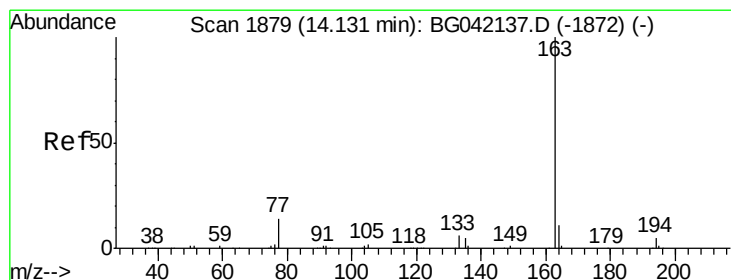
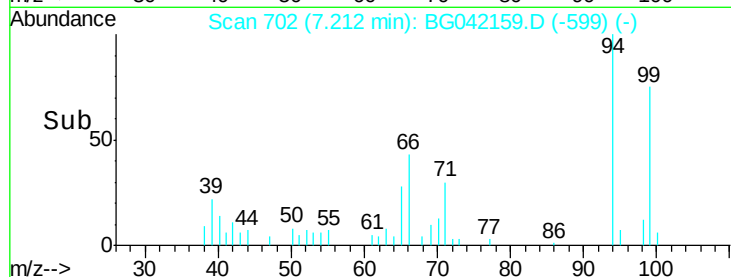
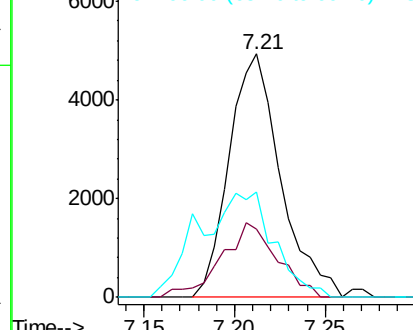
94 100

65 27.9 25.8 38.6

66 43.0 31.8 47.8



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 2.604 ng/ul

RT: 14.13 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BG042159.D

Acq: 12 Aug 2019 23:30

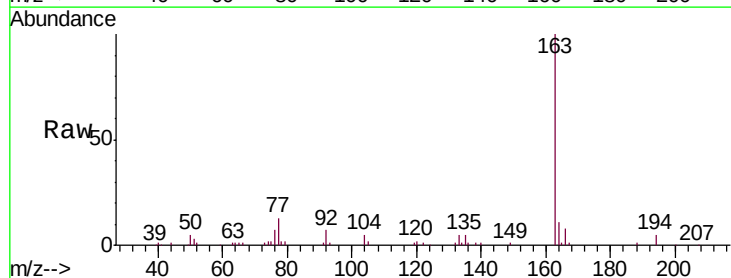
Tgt Ion: 163 Resp: 56330

Ion Ratio Lower Upper

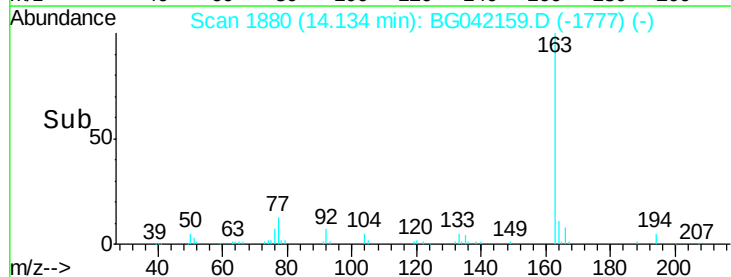
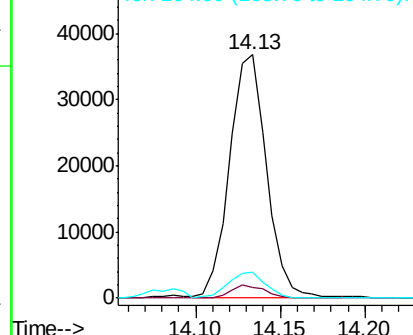
163 100

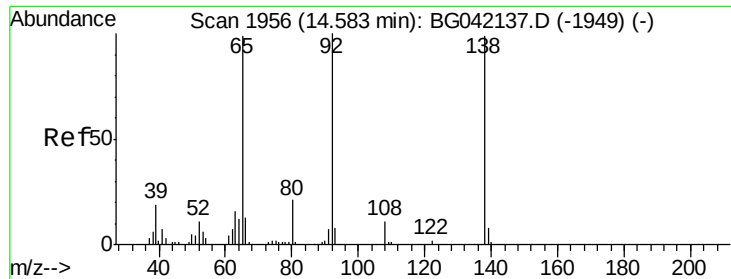
194 4.6 4.2 6.2

164 10.6 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





#48

3-Nitroaniline

Concen: 9.619 ng/ul

RT: 14.09 min Scan# 1872

Delta R.T. -0.50 min

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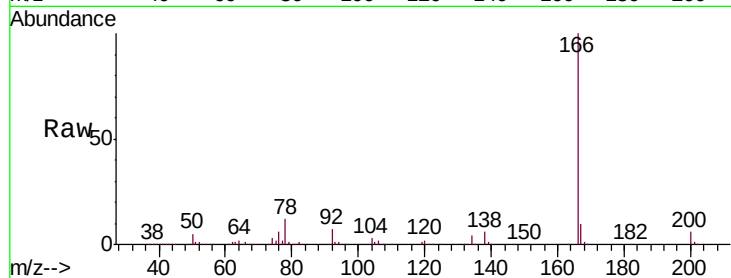
Tgt Ion:138 Resp: 36097

Ion Ratio Lower Upper

138 100

108 1.3 7.6 11.4#

92 124.6 76.4 114.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

