

Data File : BG027500.D  
Acq On : 17 Jun 2017 9:54  
Operator : SJ/MA  
Sample : I3599-02  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
F5A74

Quant Time: Jun 19 00:58:23 2017  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG061617.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Jun 19 00:57:08 2017  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.52  | 152  | 41860    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.34 | 136  | 206688   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 15.10 | 164  | 136687   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.85 | 188  | 338597   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 22.23 | 240  | 353957   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.89 | 264  | 339312   | 20.00 | ng/ul | 0.00     |

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| System Monitoring Compounds    |       |     |        |       |       |      |
| 3) 1,4-Dioxane-d8              | 4.08  | 96  | 6216   | 5.94  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.65  | 99  | 139990 | 30.84 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.83  | 67  | 108210 | 34.97 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 8.05  | 132 | 99897  | 33.31 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.19  | 113 | 115199 | 32.46 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.68  | 128 | 51925  | 34.58 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.40 | 143 | 57743  | 36.20 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.94 | 165 | 100666 | 33.40 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.46 | 131 | 152113 | 39.87 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.49 | 166 | 393626 | 34.39 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.80 | 160 | 454634 | 34.49 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.27 | 143 | 61218  | 27.34 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 16.09 | 176 | 349804 | 32.58 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.19 | 200 | 61170  | 29.09 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.95 | 188 | 562989 | 35.66 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.22 | 212 | 633515 | 36.65 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.63 | 264 | 558325 | 36.54 | ng/ul | 0.00 |

|                                |       |     |        |        |        |    |
|--------------------------------|-------|-----|--------|--------|--------|----|
| Target Compounds               |       |     |        | Qvalue |        |    |
| 6) Phenol                      | 7.68  | 94  | 6301   | 1.32   | ng/ul  | 97 |
| 15) N-Nitroso-di-n-propylamine | 9.19  | 70  | 3506   | 1.13   | ng/ul# | 1  |
| 44) Dimethylphthalate          | 14.53 | 163 | 155718 | 13.72  | ng/ul  | 99 |

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

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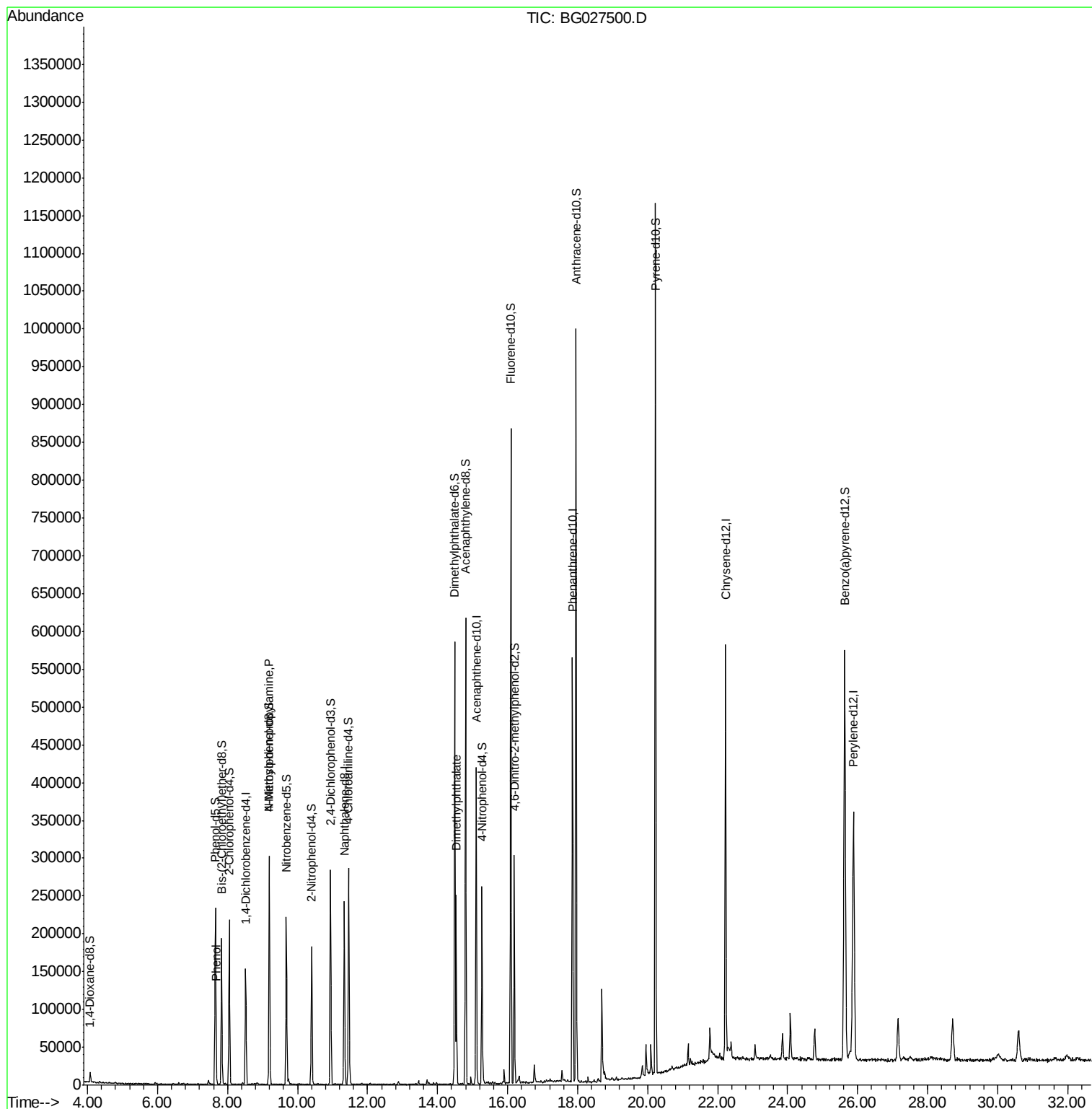
Quant Time: Jun 19 00:58:23 2017

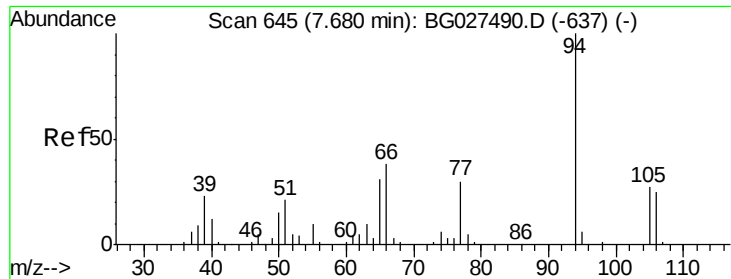
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG061617.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Jun 19 00:57:08 2017

Response via : Initial Calibration





#6

Phenol

Concen: 1.32 ng/ul

RT: 7.68 min Scan# 645

Delta R.T. -0.00 min

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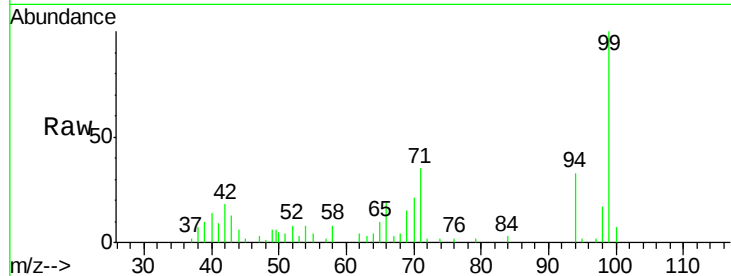
Tgt Ion: 94 Resp: 6301

Ion Ratio Lower Upper

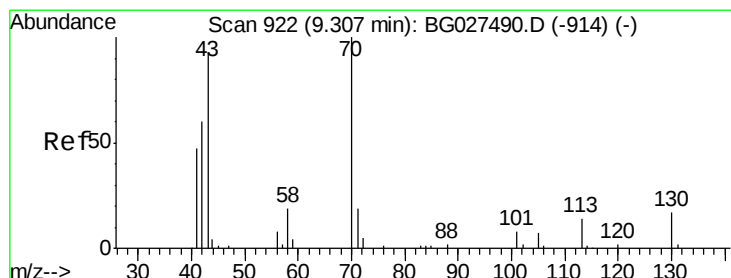
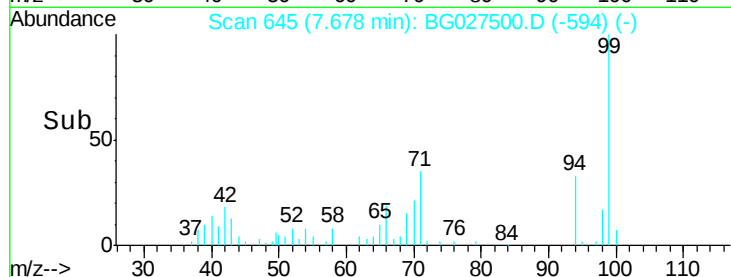
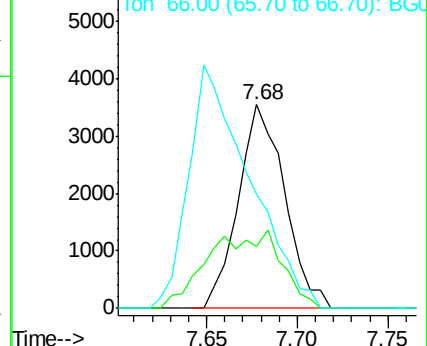
94 100

65 30.6 26.8 40.2

66 56.2 44.4 66.6



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



#15

N-Nitroso-di-n-propylamine

Concen: 1.13 ng/ul

RT: 9.19 min Scan# 903

Delta R.T. -0.11 min

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Acq: 17 Jun 2017 9:54

Tgt Ion: 70 Resp: 3506

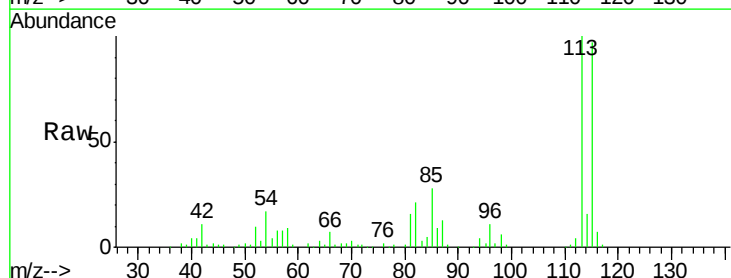
Ion Ratio Lower Upper

70 100

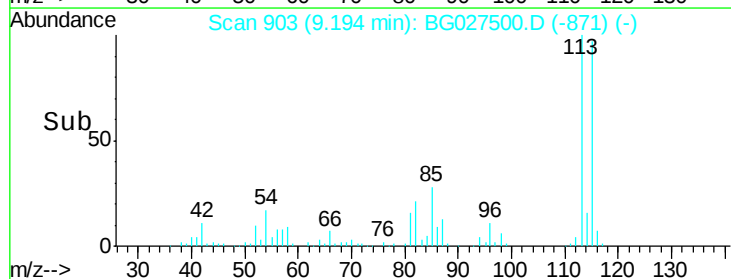
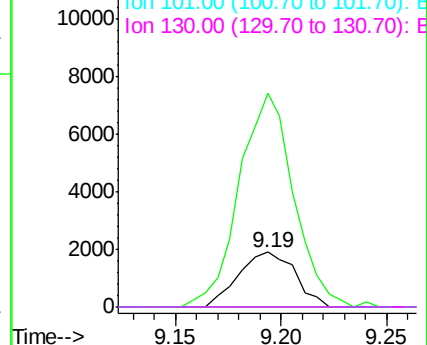
42 388.5 59.0 88.6#

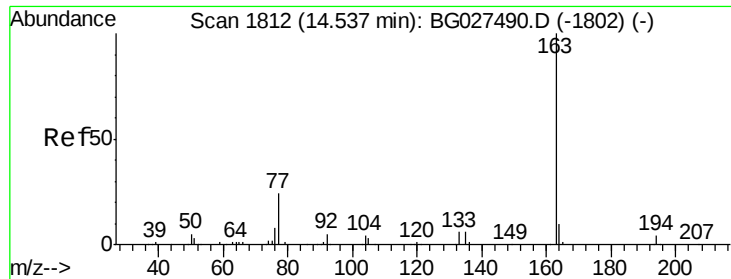
101 0.0 6.6 9.8#

130 0.0 15.6 23.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC





#44

Dimethylphthalate

Concen: 13.72 ng/ul

RT: 14.53 min Scan# 1812

Delta R.T. -0.00 min

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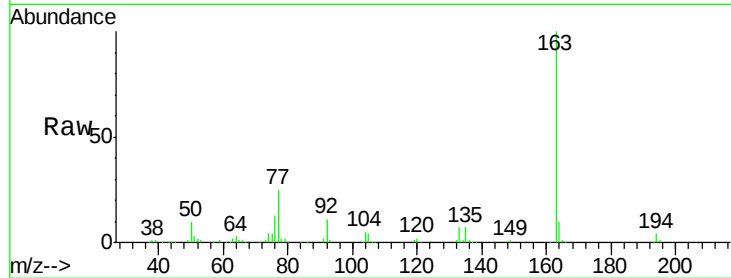
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 163   | Resp: | 155718 |
| Ion      | Ratio | Lower | Upper  |
| 163      | 100   |       |        |
| 194      | 4.3   | 3.4   | 5.0    |
| 164      | 10.5  | 9.0   | 13.4   |

