

Data Path : Z:\HPCHEM1\BNA G\DATA\BG083017\  
 Data File : BG028553.D  
 Acq On : 30 Aug 2017 14:47  
 Operator : SJ/JU  
 Sample : I4917-10  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B0B54

Quant Time: Aug 31 01:37:09 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 31 01:32:56 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.34  | 152  | 32484    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.16 | 136  | 133383   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.95 | 164  | 93531    | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.80 | 188  | 540295   | 20.00 | ng/ul | 0.10     |
| 75) Chrysene-d12          | 22.03 | 240  | 258293   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.55 | 264  | 263016   | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.83  | 96  | 4960   | 7.11  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.50  | 99  | 121197 | 33.97 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.65  | 67  | 77543  | 34.32 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.88  | 132 | 89204  | 39.63 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.04  | 113 | 105100 | 35.25 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.51  | 128 | 46142  | 44.24 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.24 | 143 | 58166  | 50.86 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3      | 10.78 | 165 | 104329 | 44.09 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.30 | 131 | 128938 | 48.96 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.34 | 166 | 383208 | 46.06 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.65 | 160 | 425527 | 45.37 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.24 | 143 | 669    | 0.51  | ng/ul | 0.09 |
| 57) Fluorene-d10               | 15.94 | 176 | 316537 | 42.41 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.17 | 200 | 234    | 0.07  | ng/ul | 0.11 |
| 70) Anthracene-d10             | 17.80 | 188 | 540295 | 20.85 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.08 | 212 | 602598 | 45.49 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.30 | 264 | 574190 | 46.63 | ng/ul | 0.00 |

## Target Compounds

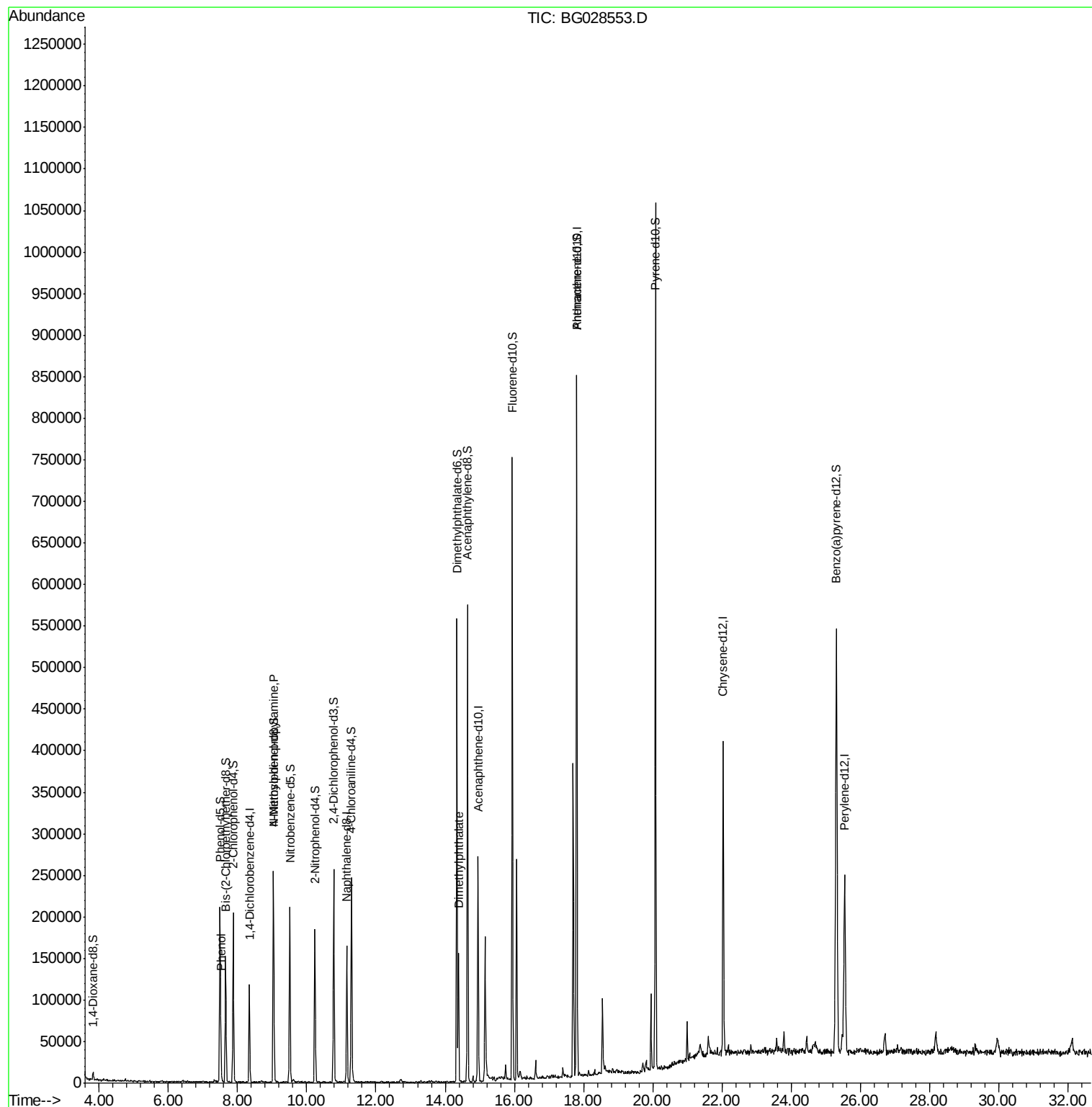
|                                |       |     |       | Ovalue |          |
|--------------------------------|-------|-----|-------|--------|----------|
| 6) Phenol                      | 7.52  | 94  | 9071  | 2.558  | ng/ul 95 |
| 15) N-Nitroso-di-n-propylamine | 9.04  | 70  | 2961  | 1.225  | ng/ul# 1 |
| 44) Dimethylphthalate          | 14.39 | 163 | 98491 | 12.858 | ng/ul 97 |

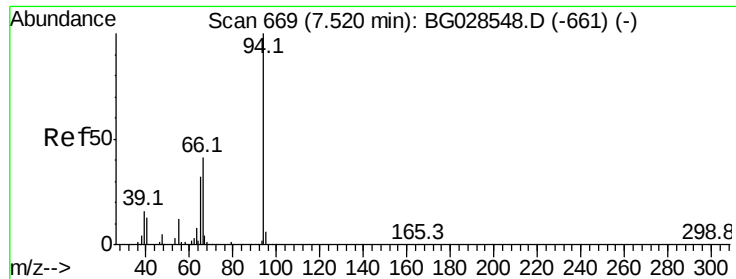
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.558 ng/ul

RT: 7.52 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG028553.D

Acq: 30 Aug 2017 14:47

Instrument :

BNA\_G

ClientSampleId :

B0B54

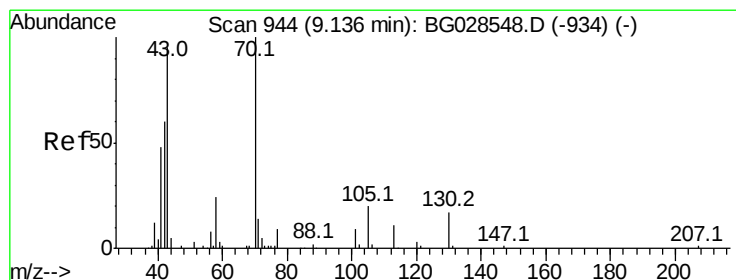
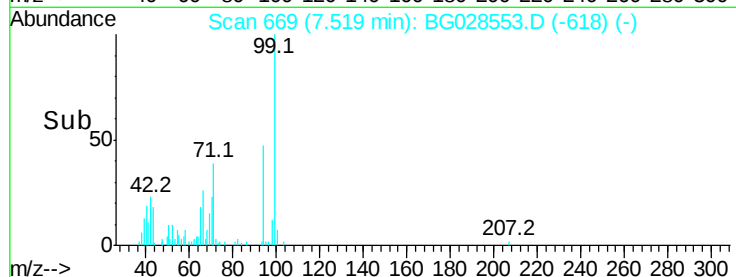
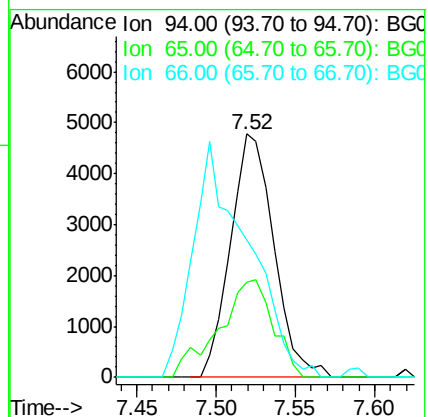
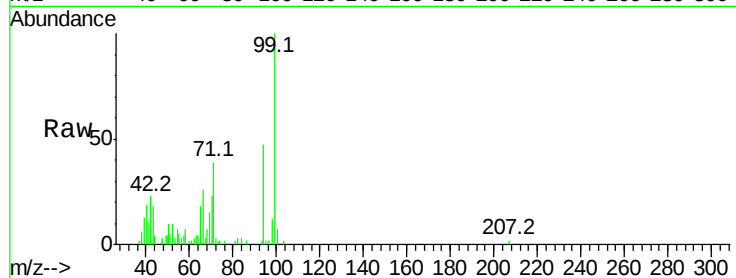
Tot Ion: 94 Resp: 9071

Ion Ratio Lower Upper

94 100

65 39.1 26.8 40.2

66 56.6 44.4 66.6



#15

N-Nitroso-di-n-propylamine

Concen: 1.225 ng/ul

RT: 9.04 min Scan# 927

Delta R.T. -0.10 min

Lab File: BG028553.D

Acq: 30 Aug 2017 14:47

Tgt Ion: 70 Resp: 2961

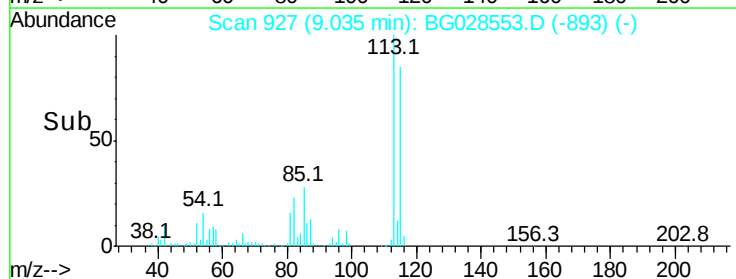
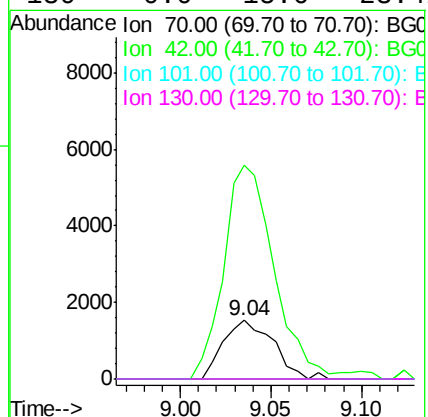
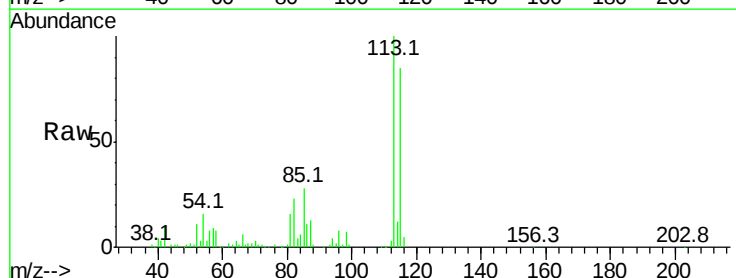
Ion Ratio Lower Upper

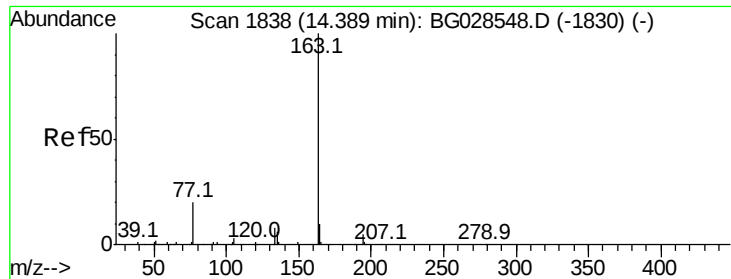
70 100

42 362.9 59.0 88.6#

101 0.0 6.6 9.8#

130 0.0 15.6 23.4#





#44

Dimethylphthalate

Concen: 12.858 ng/ul

RT: 14.39 min Scan# 1838

Delta R.T. -0.00 min

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Acq: 30 Aug 2017 14:47

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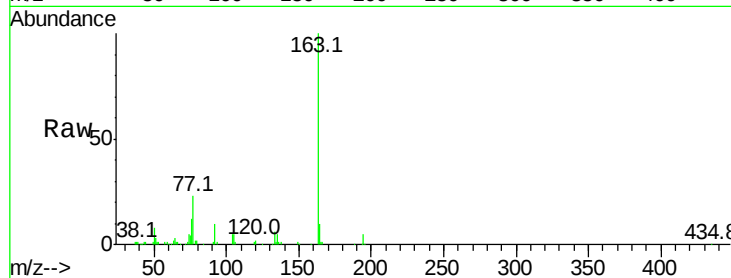
Tot Ion:163 Resp: 98491

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

164 9.7 9.0 13.4



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

