

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\  
 Data File : BG025612.D  
 Acq On : 24 Jan 2017 17:52  
 Operator : UM/SJ  
 Sample : I1316-10  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BDP19

Manual Integrations  
 APPROVED

mohammad  
 1/25/2017 3:47:09 PM

Quant Time: Jan 25 02:18:59 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jan 25 00:45:14 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.17  | 152  | 84320    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.00 | 136  | 370054   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.81 | 164  | 329795   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.56 | 188  | 766008   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.85 | 240  | 940710   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.24 | 264  | 968270   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.51  | 96  | 9790    | 5.81  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.34  | 99  | 243116  | 33.64 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.49  | 67  | 175700  | 37.64 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.70  | 132 | 179092  | 35.14 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.89  | 113 | 211225  | 34.38 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.36  | 128 | 97586   | 37.20 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.09 | 143 | 116999  | 37.38 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.64 | 165 | 214984  | 34.82 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.15 | 131 | 266676  | 38.64 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.20 | 166 | 889139  | 38.18 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.51 | 160 | 984162  | 39.12 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.04 | 143 | 132429m | 41.50 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.80 | 176 | 796789  | 36.29 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.94 | 200 | 158281  | 33.50 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.66 | 188 | 1269787 | 38.93 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.93 | 212 | 1550260 | 39.60 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 25.00 | 264 | 1637561 | 40.24 | ng/ul | 0.00 |

## Target Compounds

|                       |       |     |        |       | Ovalue |    |
|-----------------------|-------|-----|--------|-------|--------|----|
| 6) Phenol             | 7.36  | 94  | 47092  | 6.20  | ng/ul# | 85 |
| 44) Dimethylphthalate | 14.25 | 163 | 251909 | 11.00 | ng/ul  | 99 |

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

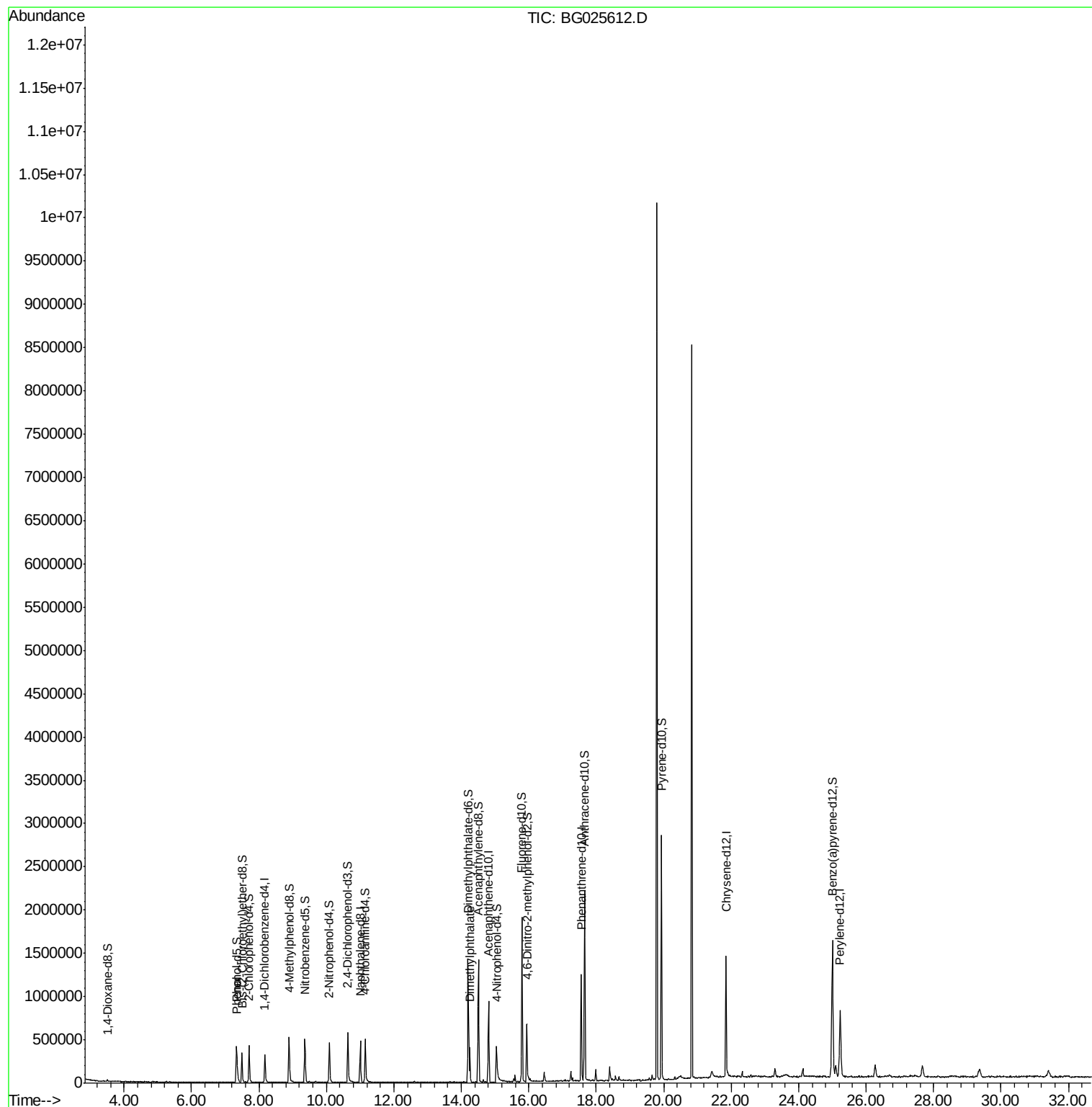
Data Path : Z:\HPCHEM1\BNA G\DATA\BG012417\  
Data File : BG025612.D  
Acq On : 24 Jan 2017 17:52  
Operator : UM/SJ  
Sample : I1316-10  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

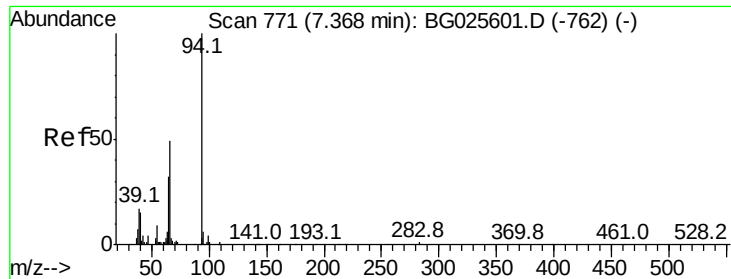
Instrument :  
BNA\_G  
ClientSampleId :  
BDP19

Manual Integrations  
APPROVED

mohammad  
1/25/2017 3:47:09 PM

Quant Time: Jan 25 02:18:59 2017  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jan 25 00:45:14 2017  
Response via : Initial Calibration





#6

Phenol

Concen: 6.20 ng/ul

RT: 7.36 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG025612.D

Acq: 24 Jan 2017 17:52

Instrument :

BNA\_G

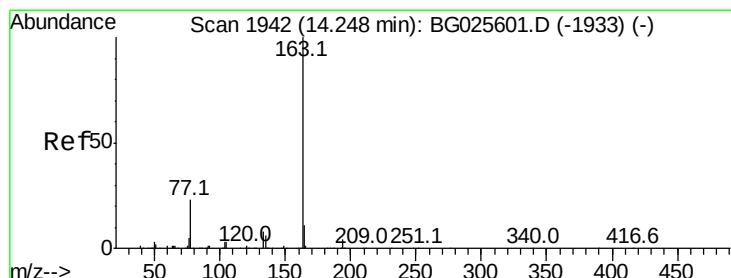
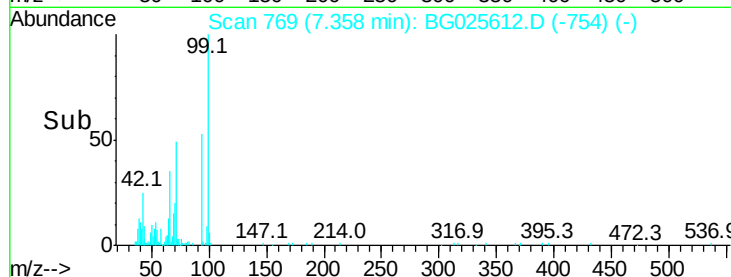
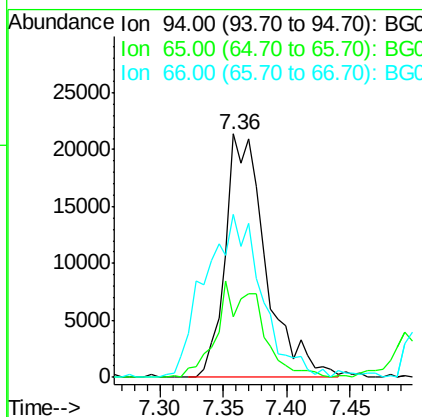
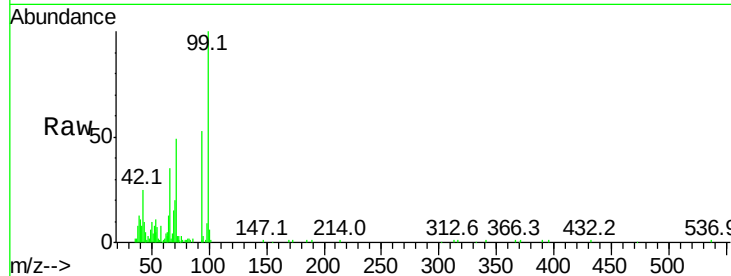
ClientSampleId :

BDP19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 94    | Resp: | 47092 |
| Ion Ratio | Lower | Upper |       |
| 94        | 100   |       |       |
| 65        | 24.8  | 26.8  | 40.2# |
| 66        | 66.8  | 44.4  | 66.6# |

Manual Integrations  
APPROVED

mohammad  
1/25/2017 3:47:09 PM



#44

Dimethylphthalate

Concen: 11.00 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG025612.D

Acq: 24 Jan 2017 17:52

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 251909 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.4   | 3.4   | 5.0    |
| 164       | 10.6  | 9.0   | 13.4   |

