

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG012617\  
 Data File : BG025666.D  
 Acq On : 26 Jan 2017 14:38  
 Operator : SJ/MA  
 Sample : I1387-08  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DA9R4

Manual Integrations  
 APPROVED

mohammad  
 1/27/2017 3:05:30 PM

Quant Time: Jan 27 10:19:06 2017  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG011817.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 27 03:32:12 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.18  | 152  | 72153    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.01 | 136  | 323078   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.81 | 164  | 263945   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.56 | 188  | 555002m  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.85 | 240  | 643079   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.24 | 264  | 657918   | 20.00 | ng/ul | 0.00     |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.51  | 96   | 1544     | 1.07  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 7.35  | 99   | 44931    | 7.27  | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.49  | 67   | 153092   | 38.33 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.71  | 132  | 131278   | 30.10 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.90  | 113  | 93573    | 17.80 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 9.36  | 128  | 83995    | 36.68 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 10.09 | 143  | 114109   | 41.76 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.63 | 165  | 187900   | 34.86 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 0.00  | 131  | 0d       | 0.00  | ng/ul |          |
| 43) Dimethylphthalate-d6       | 14.20 | 166  | 689517   | 36.99 | ng/ul | 0.00     |
| 46) Acenaphthylene-d8          | 14.51 | 160  | 793777   | 39.43 | ng/ul | 0.00     |
| 51) 4-Nitrophenol-d4           | 15.09 | 143  | 19472m   | 7.62  | ng/ul | 0.05     |
| 57) Fluorene-d10               | 15.80 | 176  | 624475   | 35.54 | ng/ul | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 0.00  | 200  | 0d       | 0.00  | ng/ul |          |
| 70) Anthracene-d10             | 17.66 | 188  | 960544   | 40.65 | ng/ul | 0.00     |
| 76) Pyrene-d10                 | 19.94 | 212  | 1122180  | 41.94 | ng/ul | 0.00     |
| 87) Benzo(a)pyrene-d12         | 25.01 | 264  | 1106957  | 40.03 | ng/ul | 0.00     |

| Target Compounds              | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|-------|------|----------|---------|--------|--------|
| 21) Isophorone                | 9.92  | 82   | 43555    | 3.16    | ng/ul# | 95     |
| 39) 2,4,5-Trichlorophenol     | 13.36 | 196  | 39389    | 7.81    | ng/ul  | 88     |
| 55) 2,3,4,6-Tetrachlorophenol | 15.44 | 232  | 185503m  | 34.74   | ng/ul  |        |
| 68) Pentachlorophenol         | 17.24 | 266  | 5057996m | 1661.21 | ng/ul  |        |

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

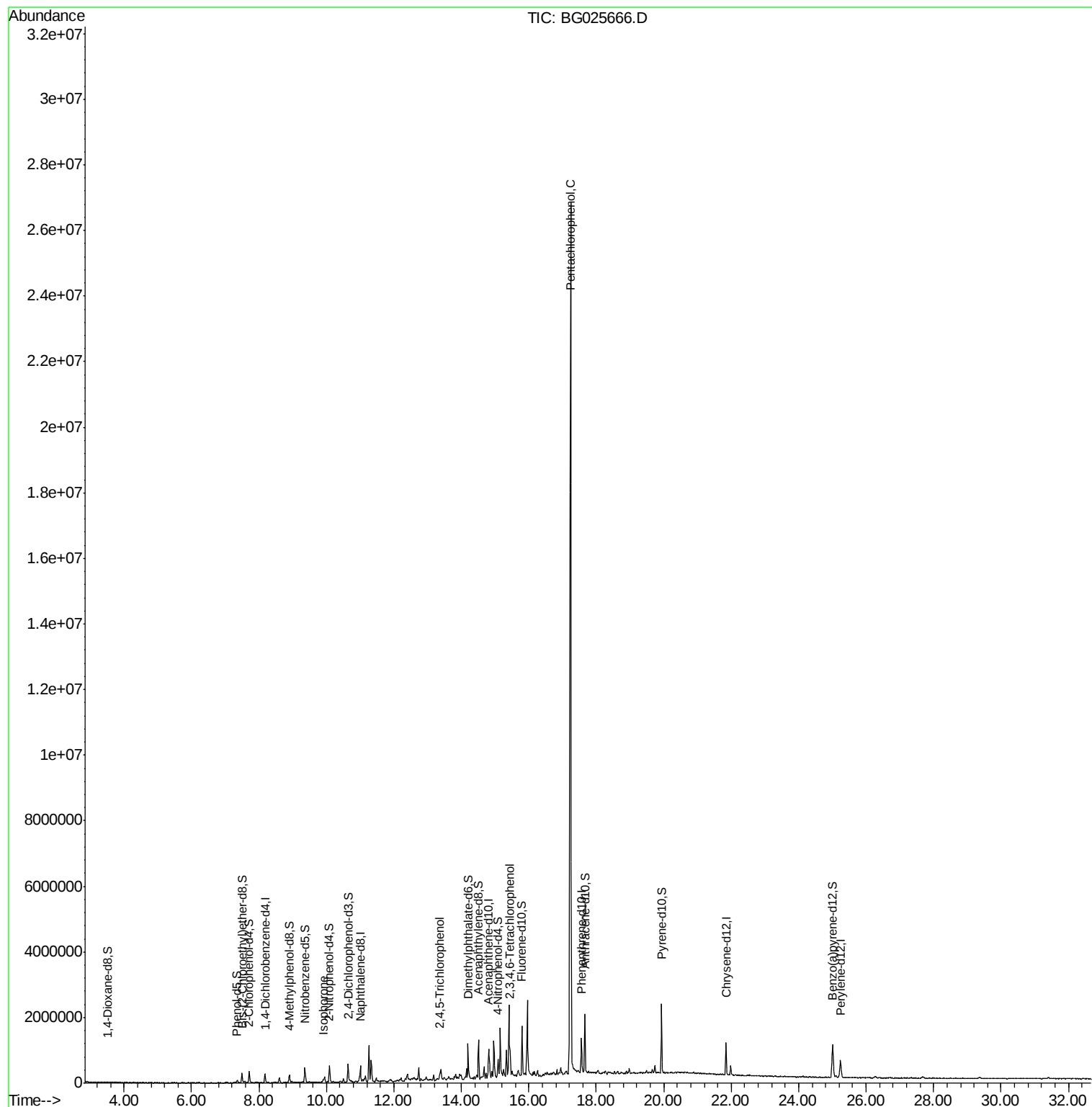
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG012617\  
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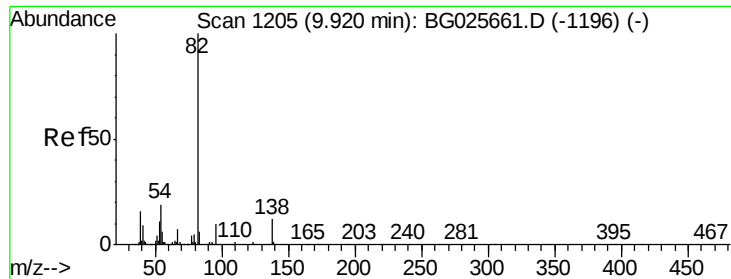
Instrument :  
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QLast Update : Fri Jan 27 03:32:12 2017  
Response via : Initial Calibration





#21

Isophorone

Concen: 3.16 ng/ul

RT: 9.92 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BG025666.D

Acq: 26 Jan 2017 14:38

Instrument :

BNA\_G

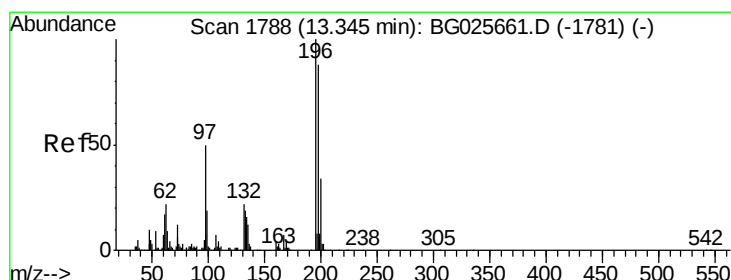
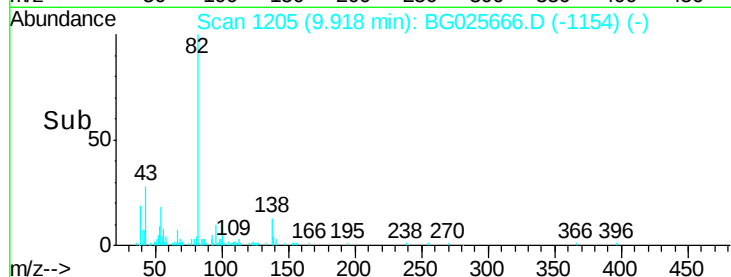
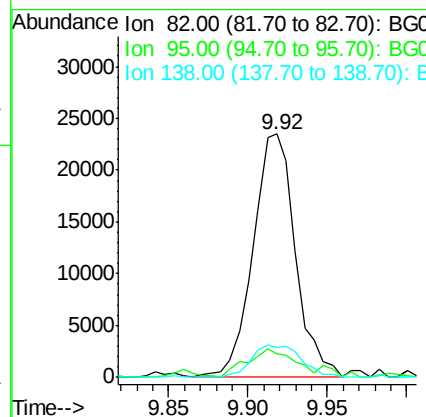
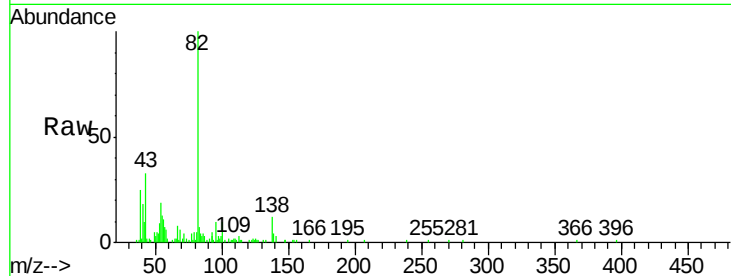
ClientSampleId :

DA9R4

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 82      | 100   | 43555 |       |       |
| 95      | 9.7   | 7.8   | 11.6  |       |
| 138     | 12.1  | 12.2  | 18.2# |       |

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#39

2,4,5-Trichlorophenol

Concen: 7.81 ng/ul

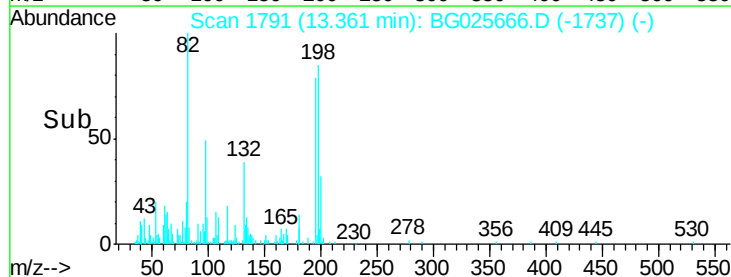
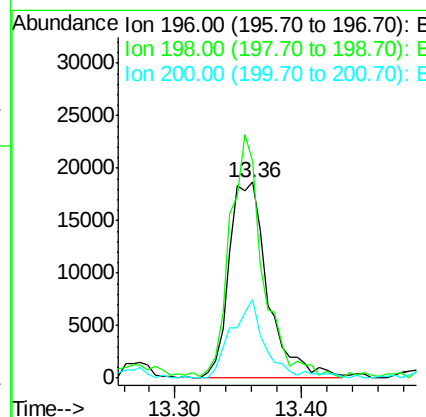
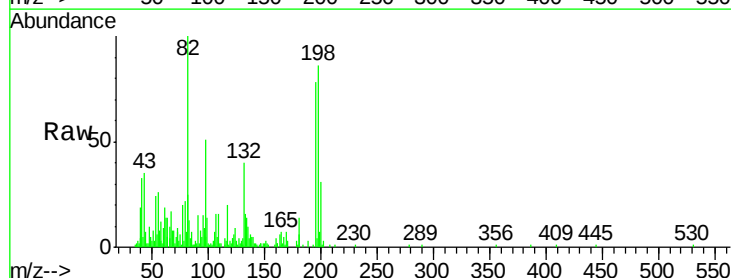
RT: 13.36 min Scan# 1791

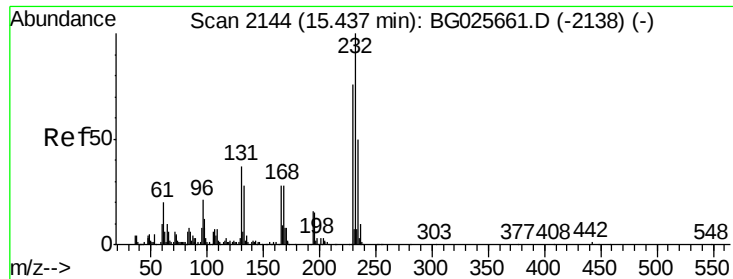
Delta R.T. 0.02 min

Lab File: BG025666.D

Acq: 26 Jan 2017 14:38

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 39389 |       |       |
| 198     | 110.3 | 78.6  | 118.0 |       |
| 200     | 40.3  | 27.3  | 40.9  |       |





#55

2,3,4,6-Tetrachlorophenol

Concen: 34.74 ng/ul m

RT: 15.44 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG025666.D

Acq: 26 Jan 2017 14:38

Instrument :

BNA\_G

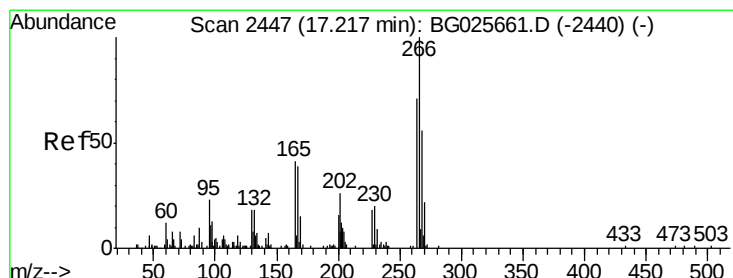
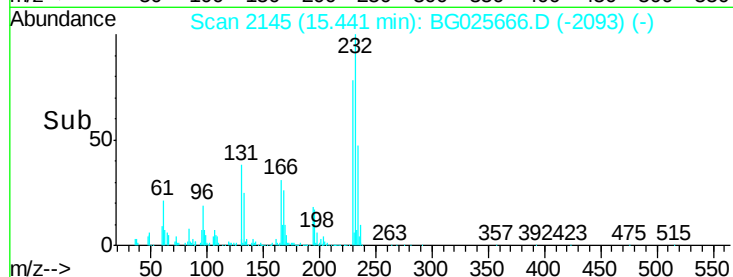
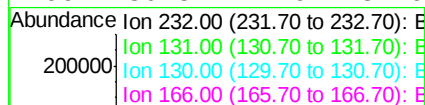
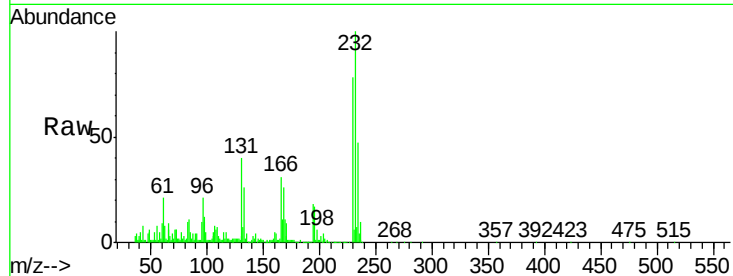
ClientSampleId :

DA9R4

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 185503 |       |       |
| 131     | 39.8  | 33.3   | 49.9  |       |
| 130     | 3.3   | 1.8    | 2.6   |       |
| 166     | 30.5  | 21.9   | 32.9  |       |

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#68

Pentachlorophenol

Concen: 1661.21 ng/ul m

RT: 17.24 min Scan# 2451

Delta R.T. 0.02 min

Lab File: BG025666.D

Acq: 26 Jan 2017 14:38

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 266     | 100   | 5057996 |       |       |
| 264     | 80.9  | 47.1    | 70.7  |       |
| 268     | 80.2  | 56.2    | 84.4  |       |

