

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110920\  
 Data File : BG047261.D  
 Acq On : 9 Nov 2020 18:47  
 Operator : CG/JU  
 Sample : L4534-05  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0BP2

Quant Time: Nov 10 01:10:52 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG102220MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Nov 09 12:15:46 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 62872    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.81 | 136  | 227942   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.64 | 164  | 151403   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.38 | 188  | 334121   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.64 | 240  | 359832   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.83 | 264  | 374799   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 0.00  | 96  | 0      | 0.00  | ng/uL |       |
| 5) Phenol-d5                   | 0.00  | 99  | 0      | 0.00  | ng/ul |       |
| 7) Bis-(2-Chloroethyl)ether-d  | 0.00  | 67  | 0      | 0.00  | ng/ul |       |
| 9) 2-Chlorophenol-d4           | 0.00  | 132 | 0      | 0.00  | ng/ul |       |
| 13) 4-Methylphenol-d8          | 0.00  | 113 | 0      | 0.00  | ng/ul |       |
| 19) Nitrobenzene-d5            | 0.00  | 128 | 0      | 0.00  | ng/ul |       |
| 22) 2-Nitrophenol-d4           | 0.00  | 143 | 0      | 0.00  | ng/ul |       |
| 26) 2,4-Dichlorophenol-d3      | 0.00  | 165 | 0      | 0.00  | ng/ul |       |
| 29) 4-Chloroaniline-d4         | 10.83 | 131 | 55     | 0.01  | ng/ul | -0.12 |
| 44) Dimethylphthalate-d6       | 0.00  | 166 | 0      | 0.00  | ng/ul |       |
| 47) Acenaphthylene-d8          | 0.00  | 160 | 0      | 0.00  | ng/ul |       |
| 52) 4-Nitrophenol-d4           | 0.00  | 143 | 0      | 0.00  | ng/ul |       |
| 58) Fluorene-d10               | 0.00  | 176 | 0      | 0.00  | ng/ul |       |
| 63) 4,6-Dinitro-2-methylphenol | 0.00  | 200 | 0      | 0.00  | ng/ul |       |
| 71) Anthracene-d10             | 17.38 | 188 | 334265 | 20.64 | ng/ul | -0.10 |
| 79) Pyrene-d10                 | 19.76 | 212 | 54     | 0.00  | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 24.62 | 264 | 276    | 0.01  | ng/ul | 0.00  |

## Target Compounds

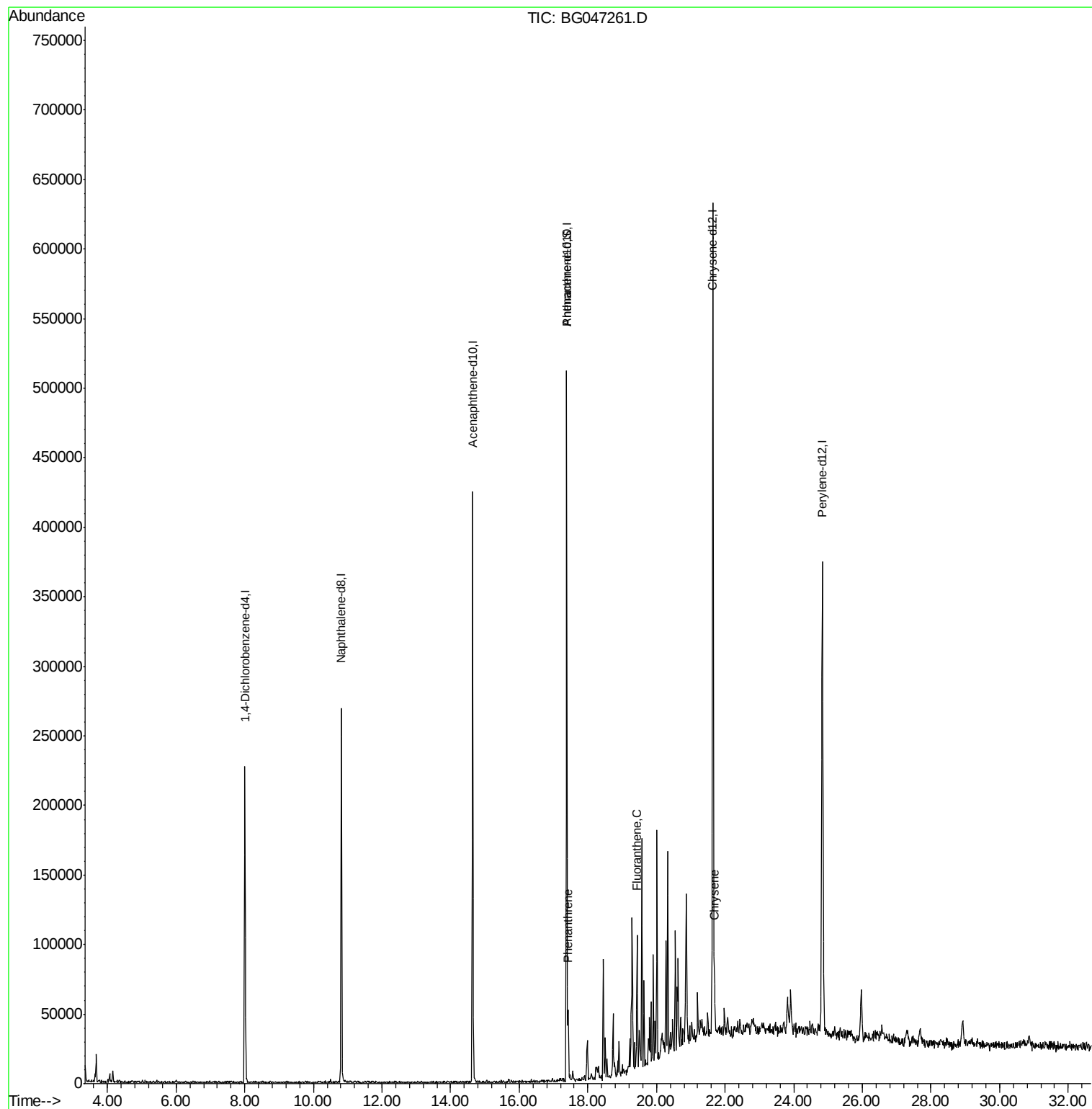
|                  |       |     |       | Ovalue       |    |
|------------------|-------|-----|-------|--------------|----|
| 70) Phenanthrene | 17.42 | 178 | 31065 | 1.658 ng/ul  | 96 |
| 77) Fluoranthene | 19.43 | 202 | 62992 | 2.793 ng/ul# | 96 |
| 85) Chrysene     | 21.69 | 228 | 31407 | 1.339 ng/ul  | 95 |

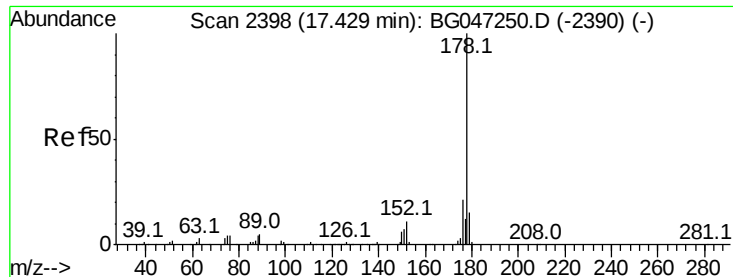
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 1.658 ng/ul

RT: 17.42 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BG047261.D

Acq: 9 Nov 2020 18:47

Instrument :

BNA\_G

ClientSampleId :

C0BP2

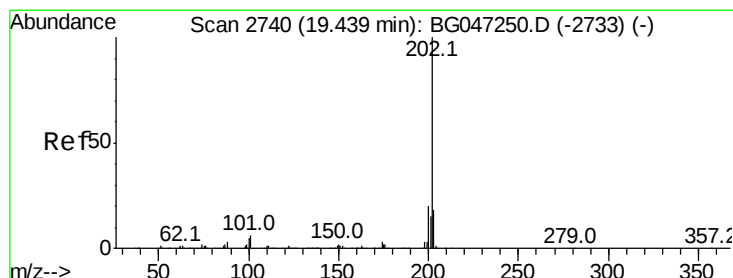
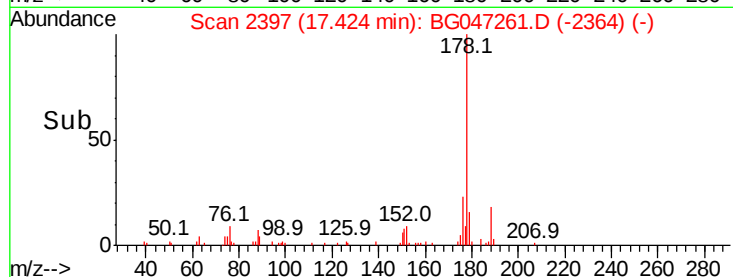
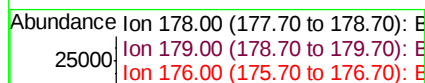
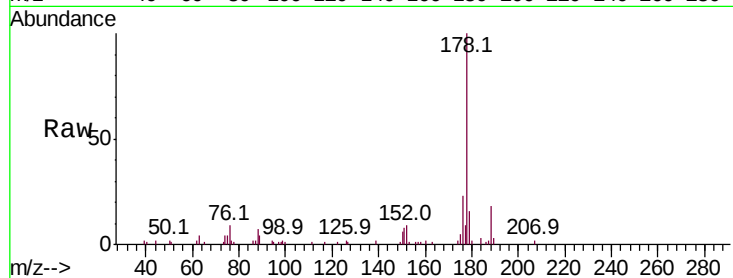
Tot Ion:178 Resp: 31065

Ion Ratio Lower Upper

178 100

179 16.4 13.0 19.4

176 22.9 15.5 23.3



#77

Fluoranthene

Concen: 2.793 ng/ul

RT: 19.43 min Scan# 2739

Delta R.T. -0.01 min

Lab File: BG047261.D

Acq: 9 Nov 2020 18:47

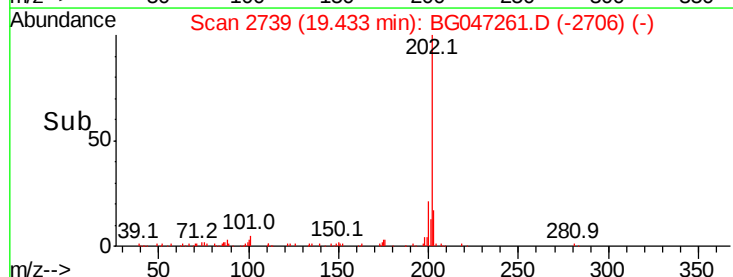
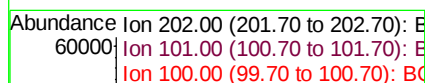
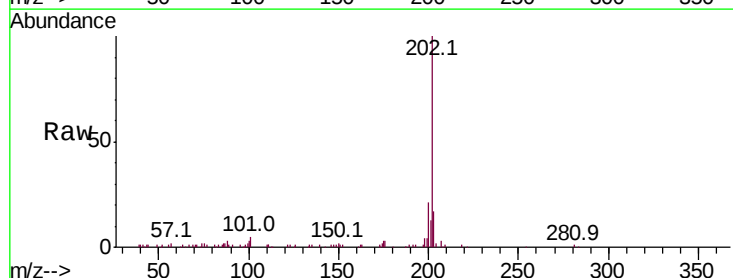
Tgt Ion:202 Resp: 62992

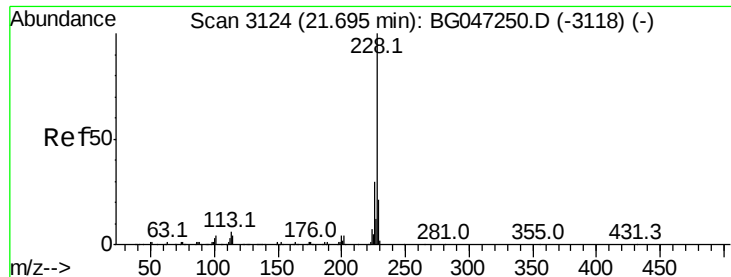
Ion Ratio Lower Upper

202 100

101 5.3 4.9 7.3

100 3.4 4.2 6.4#





#85  
 Chrysene  
 Concen: 1.339 ng/ul  
 RT: 21.69 min Scan# 3123  
 Delta R.T. -0.01 min  
 Lab File: BG047261.D  
 Acq: 9 Nov 2020 18:47

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 BNA\_G  
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|             |       |             |
|-------------|-------|-------------|
| Tot Ion:228 | Resp: | 31407       |
| Ion         | Ratio | Lower Upper |
| 228         | 100   |             |
| 226         | 32.2  | 22.8 34.2   |
| 229         | 21.0  | 16.2 24.2   |

