

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\  
 Data File : BG048254.D  
 Acq On : 21 Feb 2021 3:33  
 Operator : CG/JU  
 Sample : M1415-13  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBH27

Quant Time: Feb 21 04:09:53 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG021321MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Feb 21 00:59:07 2021  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.12  | 152  | 42991    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.93 | 136  | 169005   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.74 | 164  | 116710   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.49 | 188  | 265454   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.77 | 240  | 277099   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.07 | 264  | 271114   | 20.00 | ng/ul | 0.03     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.51  | 96  | 2731   | 2.65  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.32  | 99  | 65408  | 18.06 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.44  | 67  | 38882  | 18.02 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.66  | 132 | 48004  | 18.88 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.86  | 113 | 49896  | 17.56 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5            | 9.28  | 128 | 23390  | 18.53 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.01 | 143 | 29056  | 19.03 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.57 | 165 | 54845  | 18.34 | ng/ul | 0.02 |
| 29) 4-Chloroaniline-d4         | 11.08 | 131 | 34755  | 11.76 | ng/ul | 0.01 |
| 44) Dimethylphthalate-d6       | 14.14 | 166 | 167843 | 19.41 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.44 | 160 | 207374 | 19.62 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 15.01 | 143 | 23960  | 16.31 | ng/ul | 0.03 |
| 58) Fluorene-d10               | 15.74 | 176 | 149490 | 19.39 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.87 | 200 | 28787  | 17.69 | ng/ul | 0.01 |
| 71) Anthracene-d10             | 17.59 | 188 | 236093 | 20.74 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.87 | 212 | 266560 | 19.26 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.84 | 264 | 270482 | 19.56 | ng/ul | 0.02 |

## Target Compounds

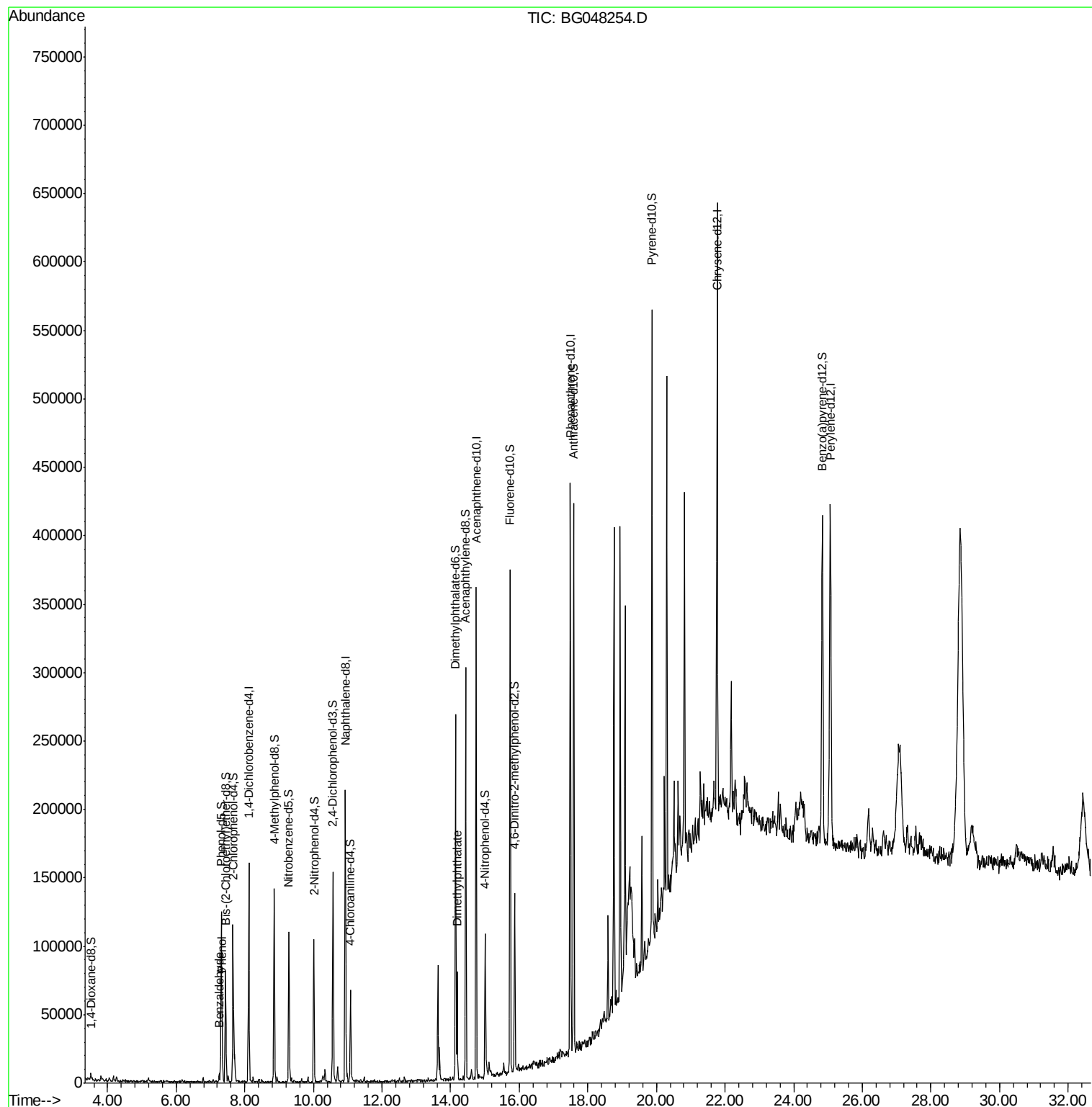
|                       |       |     |       | Ovalue |           |
|-----------------------|-------|-----|-------|--------|-----------|
| 4) Benzaldehyde       | 7.26  | 77  | 2528  | 1.187  | ng/ul# 75 |
| 6) Phenol             | 7.34  | 94  | 11006 | 2.943  | ng/ul 97  |
| 45) Dimethylphthalate | 14.19 | 163 | 44923 | 5.027  | ng/ul 97  |

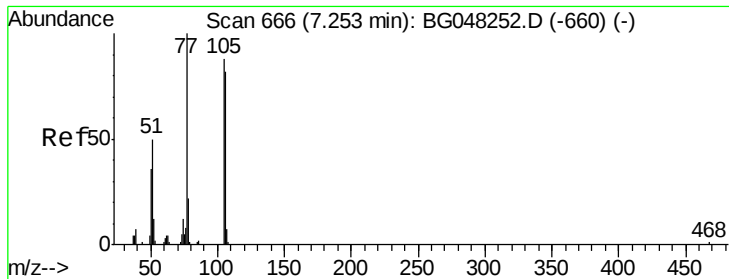
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.187 ng/ul

RT: 7.26 min Scan# 667

Delta R.T. 0.01 min

Lab File: BG048254.D

Acq: 21 Feb 2021 3:33

Instrument :

BNA\_G

ClientSampleID :

DBH27

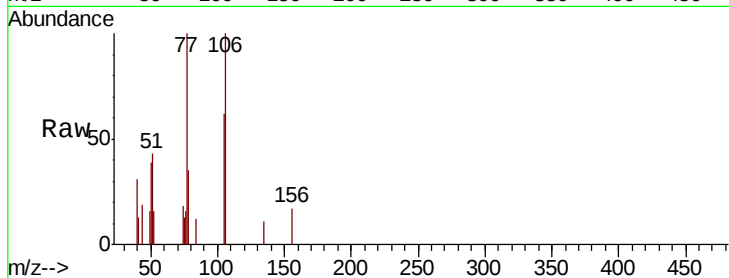
Tot Ion: 77 Resp: 2528

Ion Ratio Lower Upper

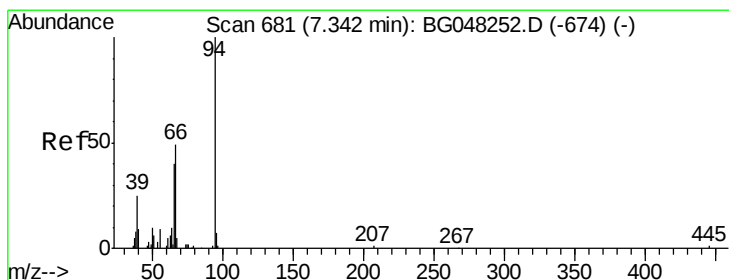
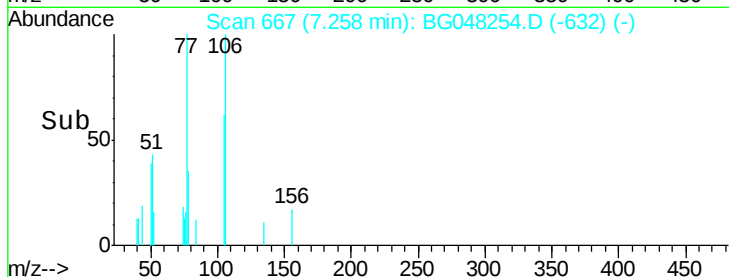
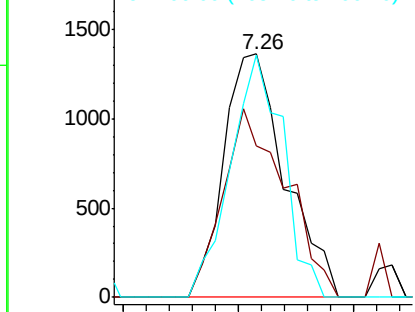
77 100

105 62.3 70.6 105.8#

106 99.6 64.4 96.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC



#6

Phenol

Concen: 2.943 ng/ul

RT: 7.34 min Scan# 681

Delta R.T. 0.01 min

Lab File: BG048254.D

Acq: 21 Feb 2021 3:33

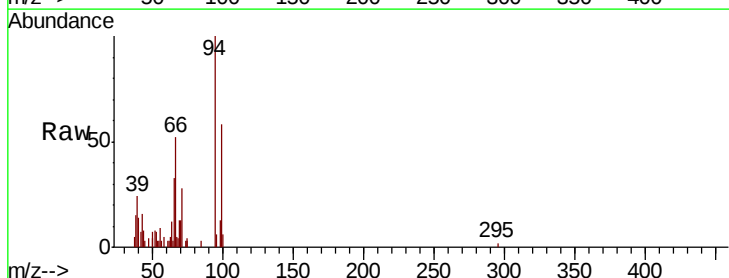
Tgt Ion: 94 Resp: 11006

Ion Ratio Lower Upper

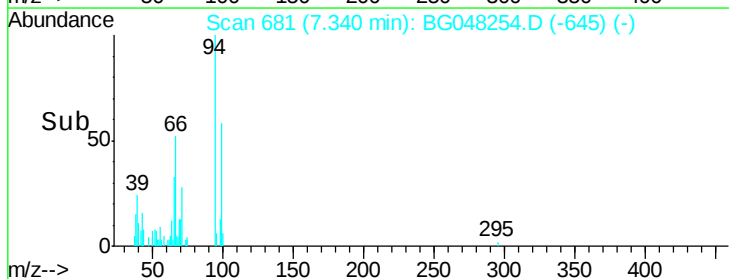
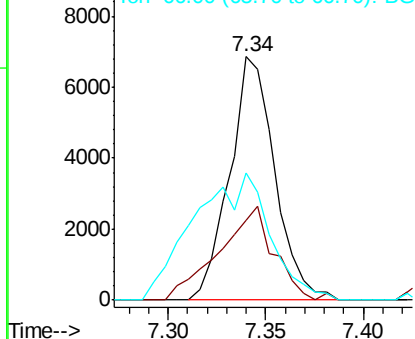
94 100

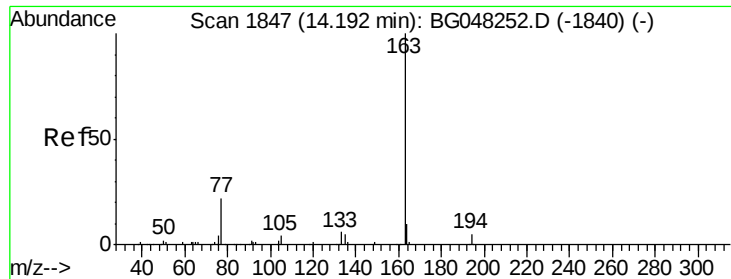
65 32.7 27.1 40.7

66 52.3 40.1 60.1



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





#45

Dimethylphthalate

Concen: 5.027 ng/ul

RT: 14.19 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BG048254.D

Acq: 21 Feb 2021 3:33

Instrument :

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ClientSampleId :

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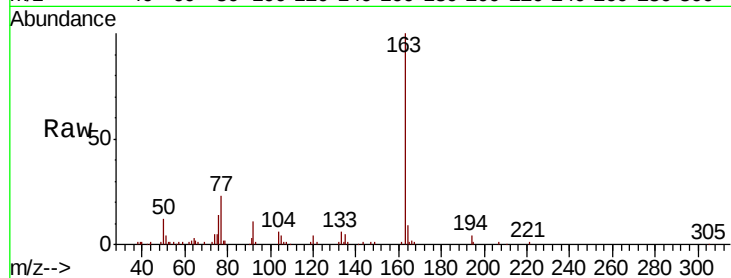
Tot Ion:163 Resp: 44923

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 9.0 8.3 12.5



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

