

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\  
 Data File : BG043148.D  
 Acq On : 10 Oct 2019 21:48  
 Operator : JU  
 Sample : K5177-16  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BEPK2

Manual Integrations  
 APPROVED

mohammad  
 10/12/2019 7:33:39 AM

Quant Time: Oct 11 01:57:29 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG100919MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 10 11:52:02 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.06  | 152  | 50607    | 20.00 | ng/ul  | 0.00     |
| 18) Naphthalene-d8             | 10.86 | 136  | 205883   | 20.00 | ng/ul  | 0.00     |
| 35) Acenaphthene-d10           | 14.67 | 164  | 161221   | 20.00 | ng/ul  | 0.00     |
| 61) Phenanthrene-d10           | 17.42 | 188  | 384864   | 20.00 | ng/ul  | 0.00     |
| 77) Chrysene-d12               | 21.69 | 240  | 423433   | 20.00 | ng/ul  | 0.00     |
| 85) Perylene-d12               | 24.91 | 264  | 495427   | 20.00 | ng/ul  | 0.00     |
| System Monitoring Compounds    |       |      |          |       |        |          |
| 3) 1,4-Dioxane-d8              | 3.50  | 96   | 1975     | 1.89  | ng/uL  | 0.00     |
| 5) Phenol-d5                   | 7.23  | 99   | 32164    | 8.60  | ng/ul  | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.38  | 67   | 20159    | 9.65  | ng/ul  | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.59  | 132  | 29859    | 9.96  | ng/ul  | 0.00     |
| 13) 4-Methylphenol-d8          | 8.78  | 113  | 21833    | 6.77  | ng/ul  | 0.00     |
| 19) Nitrobenzene-d5            | 9.21  | 128  | 13664    | 9.43  | ng/ul  | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.94  | 143  | 14994    | 9.08  | ng/ul  | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.49 | 165  | 29003m   | 8.39  | ng/ul  | 0.00     |
| 29) 4-Chloroaniline-d4         | 11.01 | 131  | 23001m   | 6.39  | ng/ul  | 0.02     |
| 43) Dimethylphthalate-d6       | 14.07 | 166  | 133030   | 10.26 | ng/ul  | 0.00     |
| 46) Acenaphthylene-d8          | 14.37 | 160  | 142609   | 10.11 | ng/ul  | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.93 | 143  | 10569m   | 6.15  | ng/ul  | 0.04     |
| 57) Fluorene-d10               | 15.67 | 176  | 116040   | 10.54 | ng/ul  | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.78 | 200  | 14392    | 5.83  | ng/ul  | 0.00     |
| 70) Anthracene-d10             | 17.52 | 188  | 181418   | 9.98  | ng/ul  | 0.00     |
| 78) Pyrene-d10                 | 19.80 | 212  | 238236   | 11.41 | ng/ul  | 0.00     |
| 89) Benzo(a)pyrene-d12         | 24.69 | 264  | 259166   | 10.59 | ng/ul  | 0.00     |
| Target Compounds               |       |      |          |       |        |          |
| 6) Phenol                      | 7.25  | 94   | 6218m    | 1.628 | ng/ul  | Ovalue   |
| 14) Acetophenone               | 8.88  | 105  | 6106     | 1.192 | ng/ul# | 77       |
| 44) Dimethylphthalate          | 14.12 | 163  | 47705    | 3.811 | ng/ul  | 98       |

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

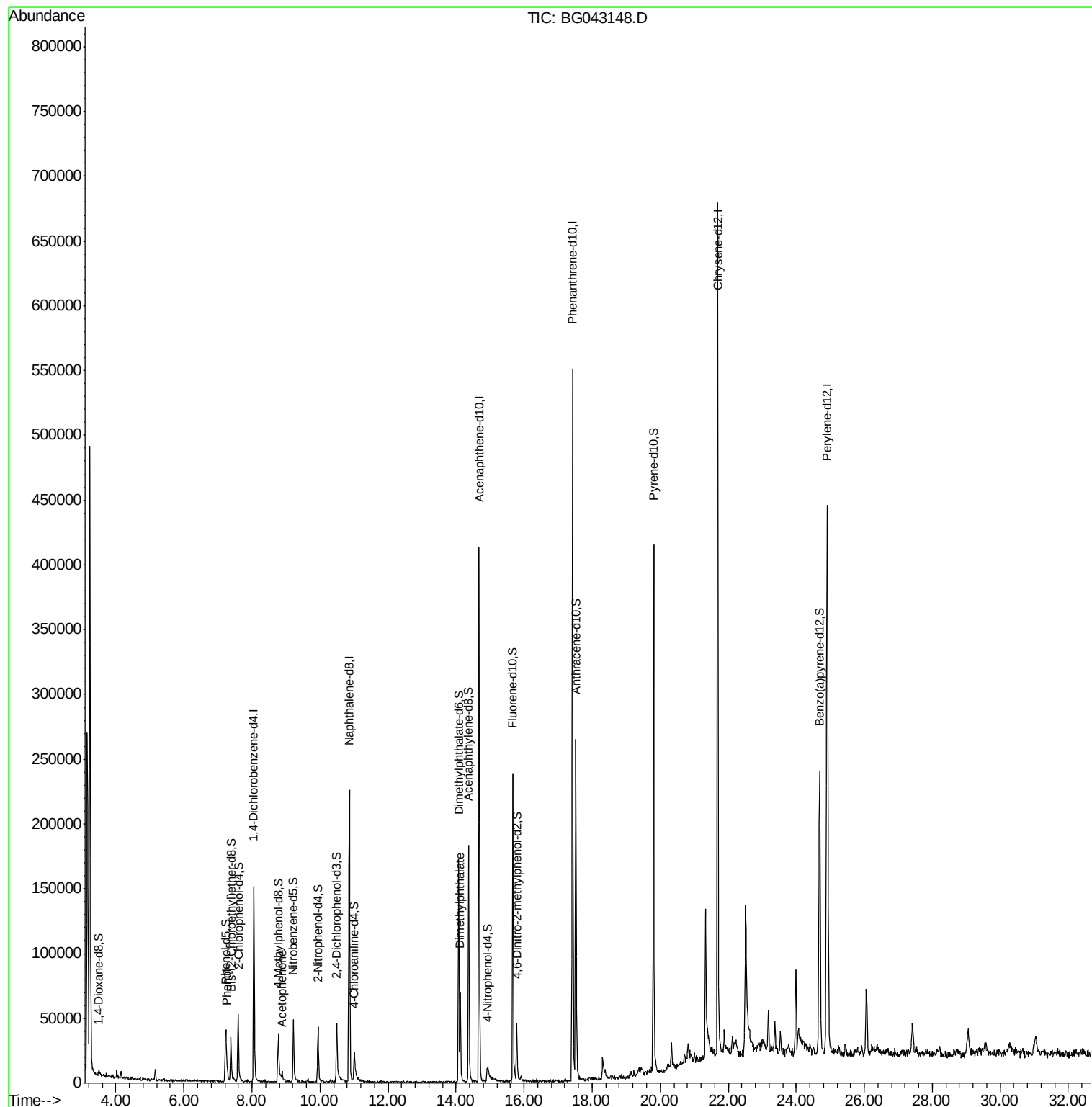
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\  
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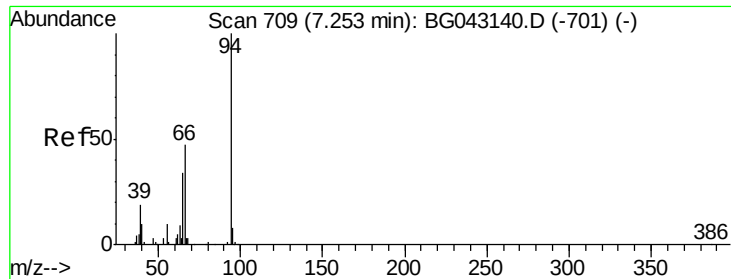
Instrument :  
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#6

Phenol

Concen: 1.628 ng/ul m

RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG043148.D

Acq: 10 Oct 2019 21:48

Instrument :

BNA\_G

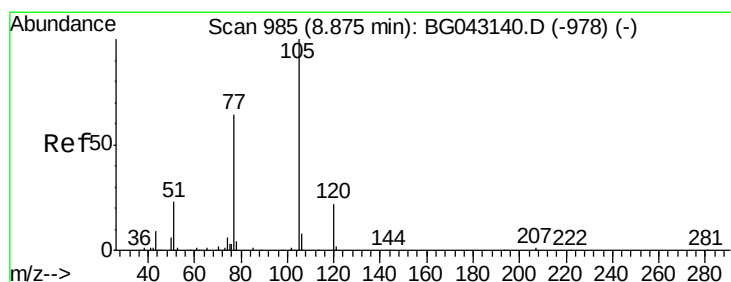
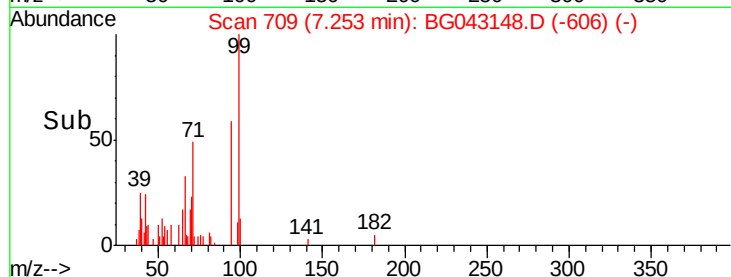
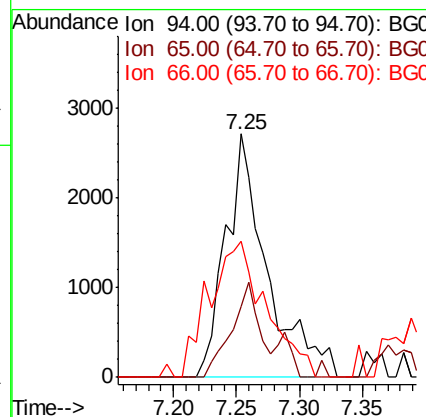
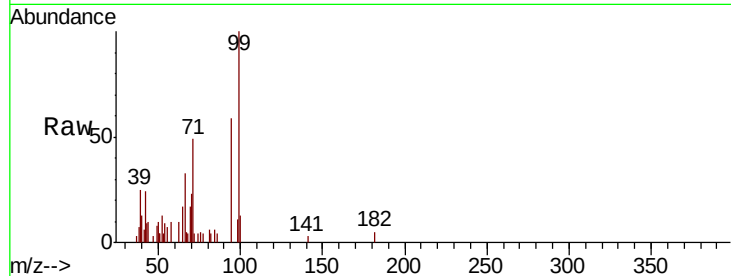
ClientSampleId :

BEPK2

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 94    | Resp: | 6218  |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 29.1  | 27.2  | 40.8  |
| 66       | 55.9  | 38.7  | 58.1  |

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#14

Acetophenone

Concen: 1.192 ng/ul

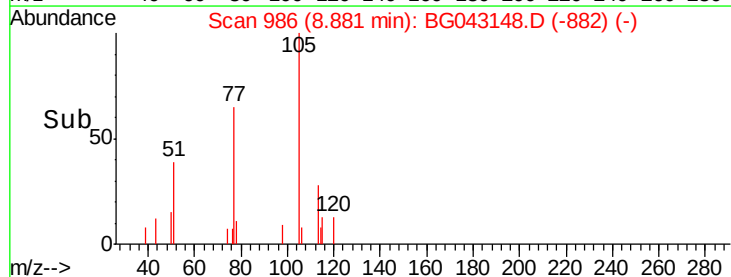
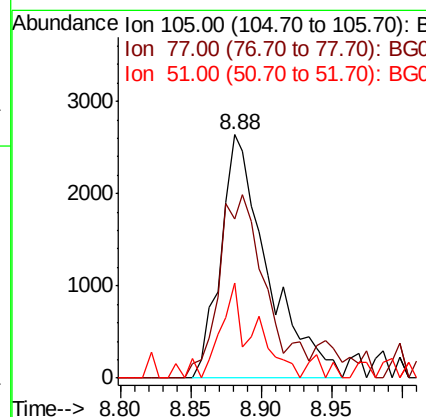
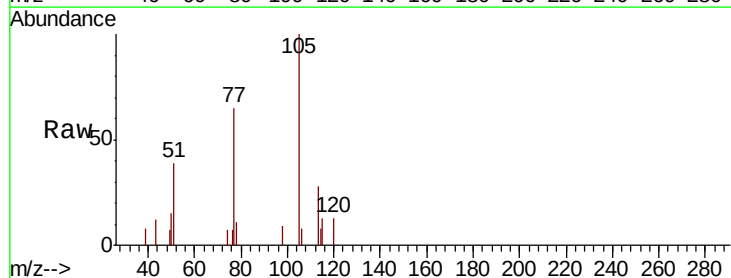
RT: 8.88 min Scan# 986

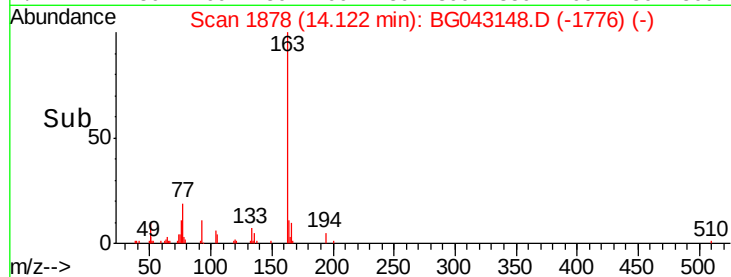
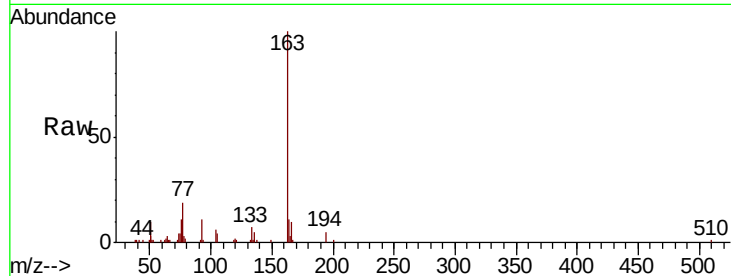
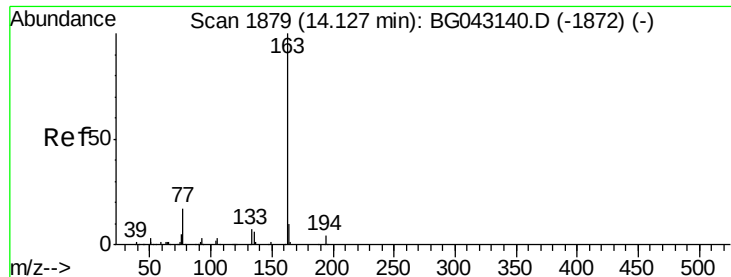
Delta R.T. 0.01 min

Lab File: BG043148.D

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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 6106   |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 77       | 65.3  | 69.4  | 104.2# |
| 51       | 39.0  | 21.4  | 32.0#  |





#44  
 Dimethylphthalate  
 Concen: 3.811 ng/ul  
 RT: 14.12 min Scan# 1878  
 Delta R.T. -0.00 min  
 Lab File: BG043148.D  
 Acq: 10 Oct 2019 21:48

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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 5.3   | 3.6   | 5.4   |
| 164     | 11.5  | 8.6   | 12.8  |

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