

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM053117\  
 Data File : BM010344.D  
 Acq On : 01 Jun 2017 00:20  
 Operator : SJ/MA  
 Sample : I3164-08  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 JHSL4

Manual Integrations  
 APPROVED

mohammad  
 6/1/2017 3:01:47 PM

Quant Time: Jun 01 02:12:43 2017  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM052717.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 01 01:28:02 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.92  | 152  | 412971   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.73 | 136  | 1496360  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.56 | 164  | 888529   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.30 | 188  | 1977357  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.46 | 240  | 2559328  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.82 | 264  | 2625823  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.39  | 96  | 32774   | 3.26  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.10  | 99  | 575567  | 18.39 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.26  | 67  | 328001  | 18.65 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.46  | 132 | 484251  | 19.41 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.65  | 113 | 472064  | 18.70 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.11  | 128 | 219348  | 20.01 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.82  | 143 | 263615  | 20.76 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.35 | 165 | 510510  | 19.57 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.89 | 131 | 38583m  | 1.53  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.97 | 166 | 1607719 | 21.78 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.26 | 160 | 1798567 | 20.88 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.80 | 143 | 149761  | 13.56 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.55 | 176 | 1330456 | 20.50 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.67 | 200 | 245460  | 17.53 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.40 | 188 | 2001189 | 20.80 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.69 | 212 | 2542778 | 24.03 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.66 | 264 | 2797974 | 22.89 | ng/ul | 0.00 |

| Target Compounds      |       |     |        |      |       | Qvalue |
|-----------------------|-------|-----|--------|------|-------|--------|
| 6) Phenol             | 7.13  | 94  | 131003 | 4.08 | ng/ul | 96     |
| 44) Dimethylphthalate | 14.02 | 163 | 392763 | 5.41 | ng/ul | 99     |

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

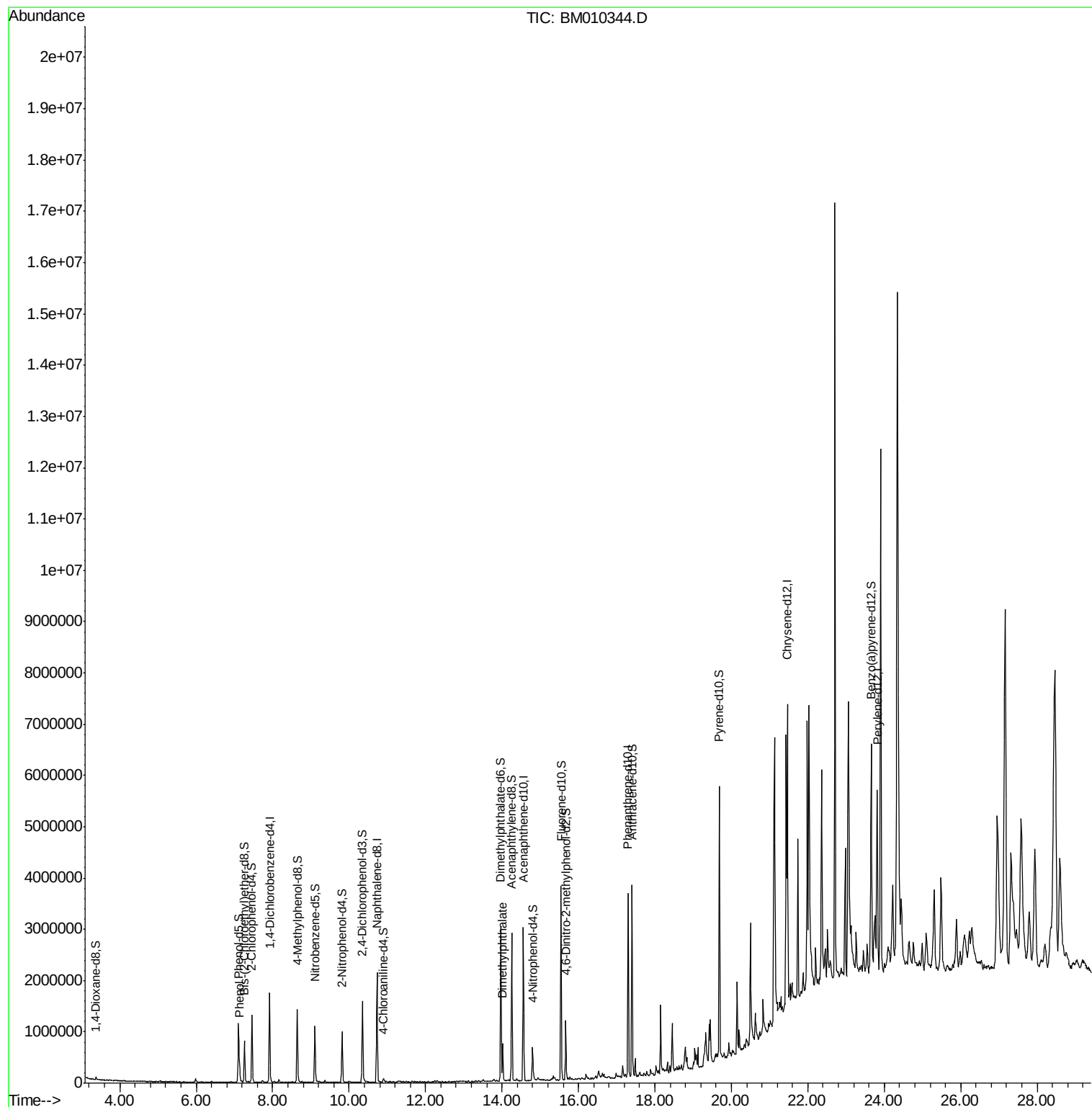
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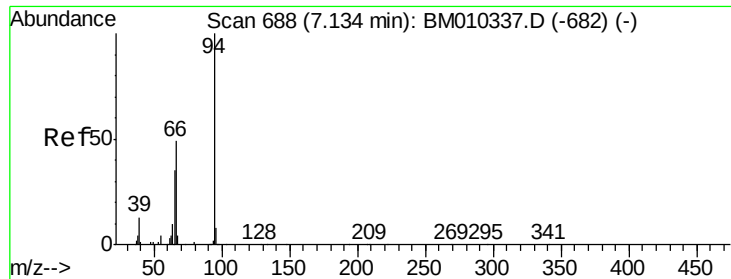
Instrument :  
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Response via : Initial Calibration





#6

Phenol

Concen: 4.08 ng/ul

RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

Lab File: BM010344.D

Acq: 01 Jun 2017 00:20

Instrument :

BNA\_M

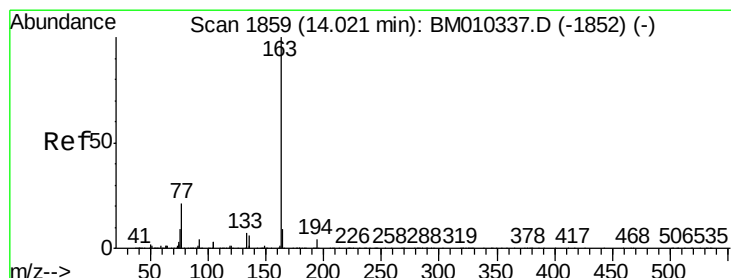
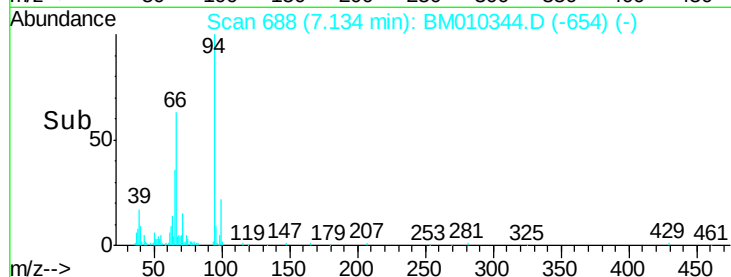
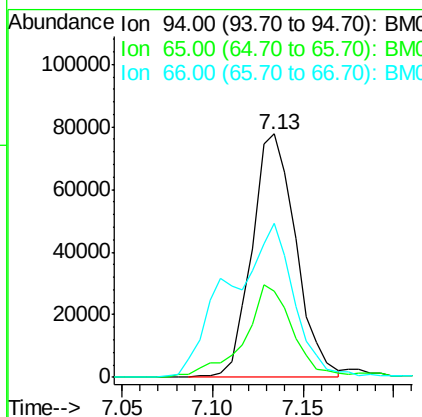
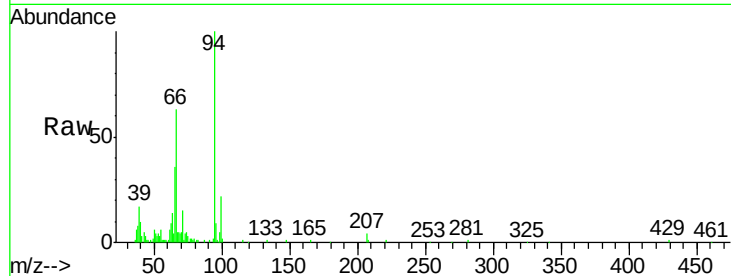
ClientSampled :

JHSL4

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 131003 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 35.6  | 28.2  | 42.4   |
| 66        | 63.1  | 47.2  | 70.8   |

Manual Integrations  
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#44

Dimethylphthalate

Concen: 5.41 ng/ul

RT: 14.02 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BM010344.D

Acq: 01 Jun 2017 00:20

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 392763 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.5   | 3.5   | 5.3    |
| 164       | 10.7  | 8.2   | 12.4   |

