

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\  
 Data File : BM026565.D  
 Acq On : 25 Jun 2020 19:38  
 Operator : JU/CG  
 Sample : L3062-16  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ET149

Manual Integrations  
 APPROVED

mohammad  
 6/26/2020 12:20:11 PM

Quant Time: Jun 25 20:11:33 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061220MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 25 10:53:13 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.37  | 152  | 92765    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.13 | 136  | 445592   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.03 | 164  | 309635   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.79 | 188  | 723386   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.00 | 240  | 808206   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.08 | 264  | 804601   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 2.97  | 96  | 6288   | 2.38  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.58  | 99  | 90531  | 10.59 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.73  | 67  | 70916  | 13.12 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.91  | 132 | 74362  | 10.67 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.10  | 113 | 78294  | 11.64 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.52  | 128 | 33560m | 8.48  | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.23  | 143 | 27658  | 6.35  | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.77  | 165 | 70147  | 8.75  | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.29 | 131 | 95793  | 11.45 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.46 | 166 | 276345 | 10.61 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.72 | 160 | 232520 | 7.45  | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.32 | 143 | 6207m  | 1.44  | ng/ul | 0.05 |
| 58) Fluorene-d10               | 15.03 | 176 | 153905 | 6.89  | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.19 | 200 | 6163m  | 1.30  | ng/ul | 0.01 |
| 71) Anthracene-d10             | 16.89 | 188 | 211911 | 5.75  | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.19 | 212 | 215758 | 4.87  | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 22.95 | 264 | 165754 | 3.73  | ng/ul | 0.00 |

| Target Compounds      |       |     |        |       | Ovalue   |
|-----------------------|-------|-----|--------|-------|----------|
| 16) 4-Methylphenol    | 8.15  | 108 | 19724  | 2.678 | ng/ul 94 |
| 45) Dimethylphthalate | 13.50 | 163 | 201750 | 7.462 | ng/ul 99 |

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

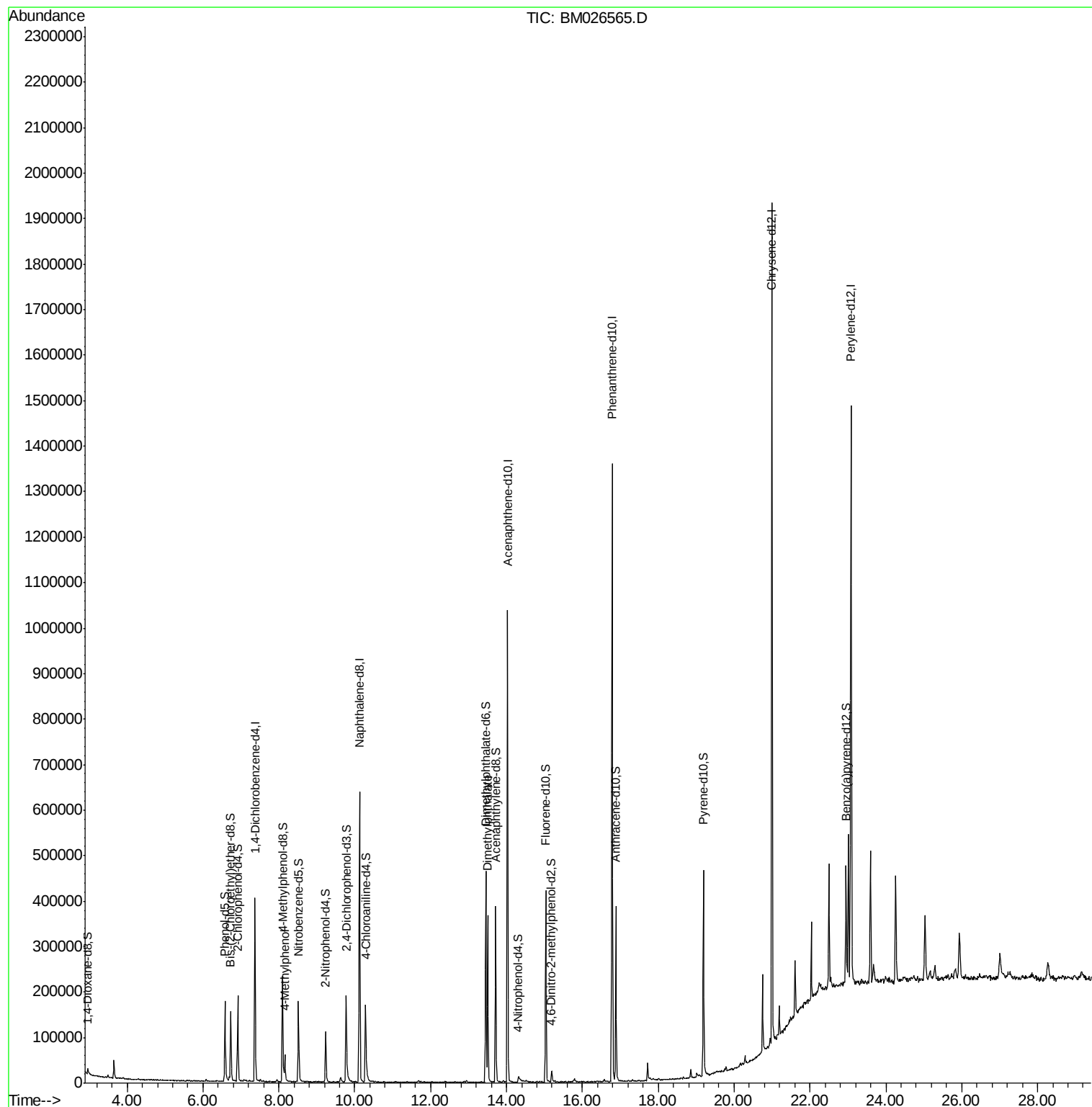
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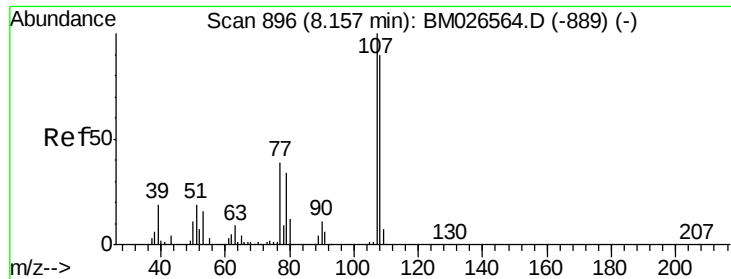
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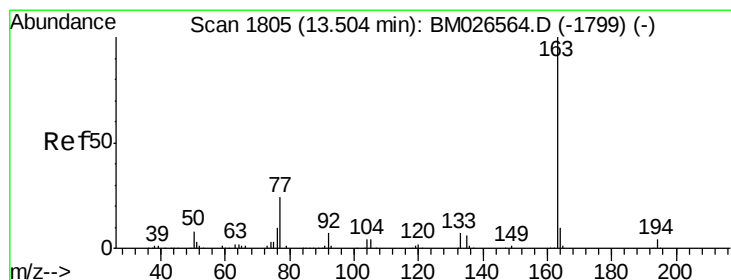
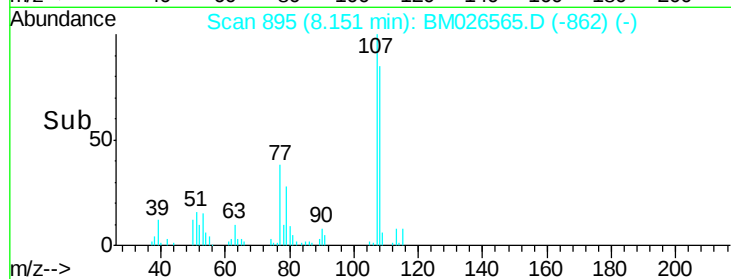
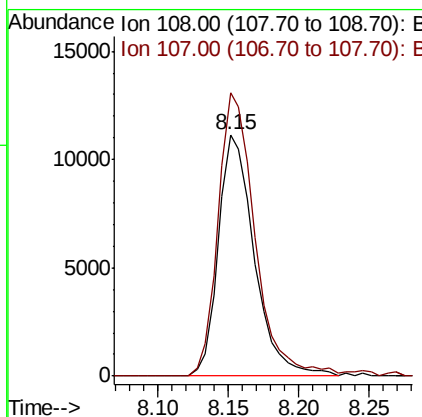
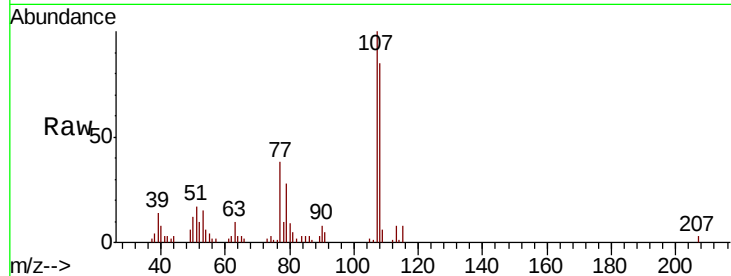
#16  
4-Methylphenol  
Concen: 2.678 ng/ul  
RT: 8.15 min Scan# 895  
Delta R.T. -0.01 min  
Lab File: BM026565.D  
Acq: 25 Jun 2020 19:38

Instrument :  
BNA\_M  
ClientSampled :  
ET149

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 108     | 100   |       |       |
| 107     | 117.4 | 89.2  | 133.8 |

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#45  
Dimethylphthalate  
Concen: 7.462 ng/ul  
RT: 13.50 min Scan# 1805  
Delta R.T. -0.00 min  
Lab File: BM026565.D  
Acq: 25 Jun 2020 19:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.0   | 3.4   | 5.2   |
| 164     | 10.3  | 7.8   | 11.6  |

