

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM032916\  
 Data File : BM004833.D  
 Acq On : 29 Mar 2016 22:51  
 Operator : UM/SJ  
 Sample : H1939-18  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 D9SH0

Quant Time: Mar 30 03:45:32 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM031516.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 30 03:41:15 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.83  | 152  | 62090    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.62 | 136  | 304471   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.46 | 164  | 194051   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.20 | 188  | 452908   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.39 | 240  | 553629   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.69 | 264  | 492347   | 20.00 | ng/ul | -0.01    |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.32  | 96   | 5535     | 3.08  | ng/uL | 0.00     |
| 5) Phenol-d5                   | 6.99  | 99   | 137842   | 27.02 | ng/ul | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.16  | 67   | 81976    | 28.35 | ng/ul | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.36  | 132  | 108168   | 26.34 | ng/ul | 0.00     |
| 13) 4-Methylphenol-d8          | 8.52  | 113  | 119226   | 28.99 | ng/ul | 0.00     |
| 19) Nitrobenzene-d5            | 8.98  | 128  | 55945    | 26.42 | ng/ul | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.70  | 143  | 61339    | 26.82 | ng/ul | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.23 | 165  | 114948   | 25.62 | ng/ul | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.76 | 131  | 507      | 0.09  | ng/ul | 0.00     |
| 44) Dimethylphthalate-d6       | 13.87 | 166  | 395412   | 26.07 | ng/ul | 0.00     |
| 47) Acenaphthylene-d8          | 14.15 | 160  | 481154   | 25.87 | ng/ul | 0.00     |
| 52) 4-Nitrophenol-d4           | 14.65 | 143  | 54466    | 18.57 | ng/ul | 0.00     |
| 58) Fluorene-d10               | 15.46 | 176  | 351857   | 26.61 | ng/ul | 0.00     |
| 63) 4,6-Dinitro-2-methylphenol | 15.57 | 200  | 50636    | 21.27 | ng/ul | 0.00     |
| 71) Anthracene-d10             | 17.30 | 188  | 555504   | 26.64 | ng/ul | 0.00     |
| 79) Pyrene-d10                 | 19.60 | 212  | 663757   | 26.26 | ng/ul | 0.00     |
| 90) Benzo(a)pyrene-d12         | 23.54 | 264  | 672284   | 30.57 | ng/ul | -0.01    |

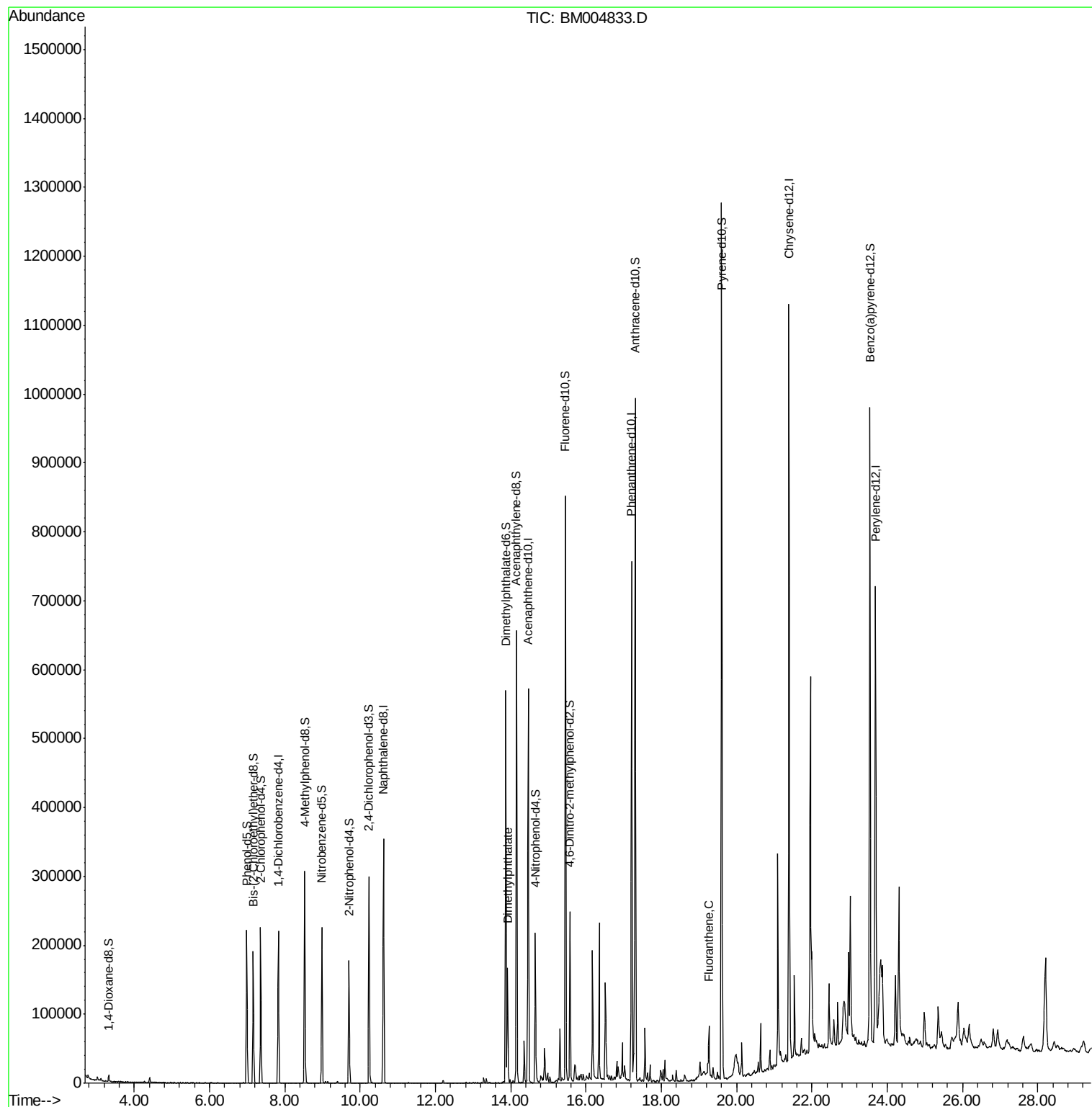
| Target Compounds      | R.T.  | QIon | Response | Conc | Units | Qvalue |
|-----------------------|-------|------|----------|------|-------|--------|
| 45) Dimethylphthalate | 13.92 | 163  | 104497   | 6.79 | ng/ul | 100    |
| 77) Fluoranthene      | 19.26 | 202  | 35901    | 1.26 | ng/ul | 97     |

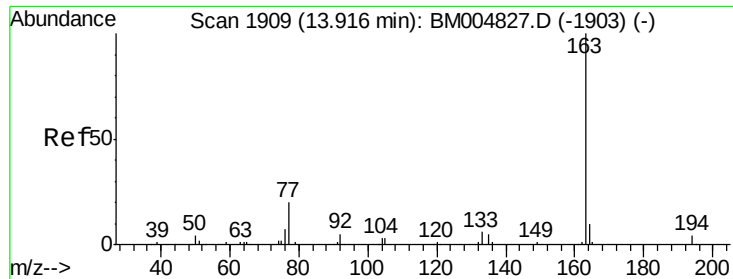
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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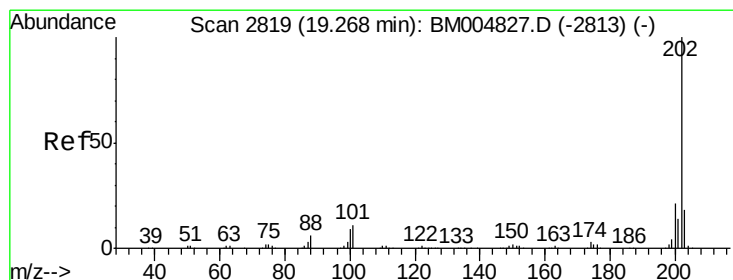
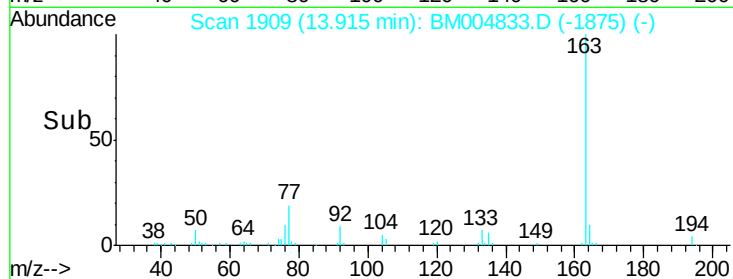
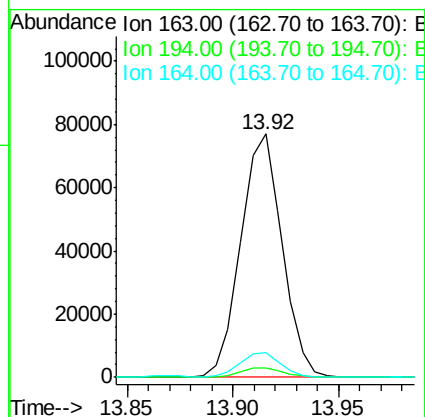
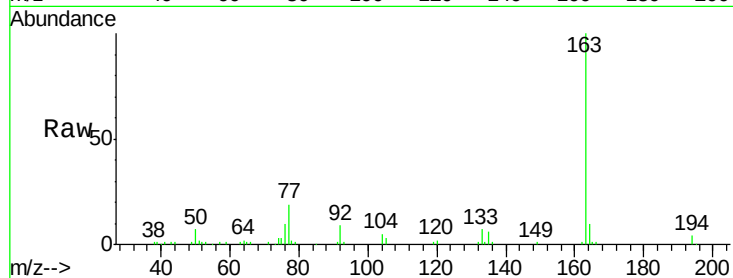




#45  
 Dimethylphthalate  
 Concen: 6.79 ng/ul  
 RT: 13.92 min Scan# 1909  
 Delta R.T. -0.00 min  
 Lab File: BM004833.D  
 Acq: 29 Mar 2016 22:51

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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 163   | Resp: | 104497 |
| Ion      | Ratio | Lower | Upper  |
| 163      | 100   |       |        |
| 194      | 4.1   | 3.2   | 4.8    |
| 164      | 9.9   | 7.8   | 11.8   |



#77  
 Fluoranthene  
 Concen: 1.26 ng/ul  
 RT: 19.26 min Scan# 2818  
 Delta R.T. -0.01 min  
 Lab File: BM004833.D  
 Acq: 29 Mar 2016 22:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 35901 |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 12.2  | 8.8   | 13.2  |
| 100      | 9.2   | 6.6   | 9.8   |

