

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM100115\  
 Data File : BM002824.D  
 Acq On : 02 Oct 2015 03:28  
 Operator : UM/IZ  
 Sample : G3839-05  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BC2W7

Quant Time: Oct 02 06:04:21 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM092915.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 02 05:57:21 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.69  | 152  | 77587    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.55 | 136  | 325217   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 15.28 | 164  | 160970   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.99 | 188  | 327124   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 22.08 | 240  | 346948   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.66 | 264  | 352197   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.76  | 96  | 8317   | 4.98  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.80  | 99  | 155193 | 26.40 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.97  | 67  | 87959  | 26.60 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 8.20  | 132 | 145102 | 26.52 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.39  | 113 | 129205 | 26.66 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.88  | 128 | 67073  | 27.04 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.61 | 143 | 70349  | 27.14 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 11.15 | 165 | 117121 | 25.60 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.67 | 131 | 169420 | 30.77 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.66 | 166 | 331650 | 27.39 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.99 | 160 | 443390 | 27.43 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 15.46 | 143 | 54001  | 25.11 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 16.26 | 176 | 294983 | 27.04 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 16.38 | 200 | 29231  | 18.32 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 18.09 | 188 | 436826 | 27.98 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 20.32 | 212 | 446861 | 27.59 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.50 | 264 | 505763 | 28.07 | ng/ul | 0.00 |

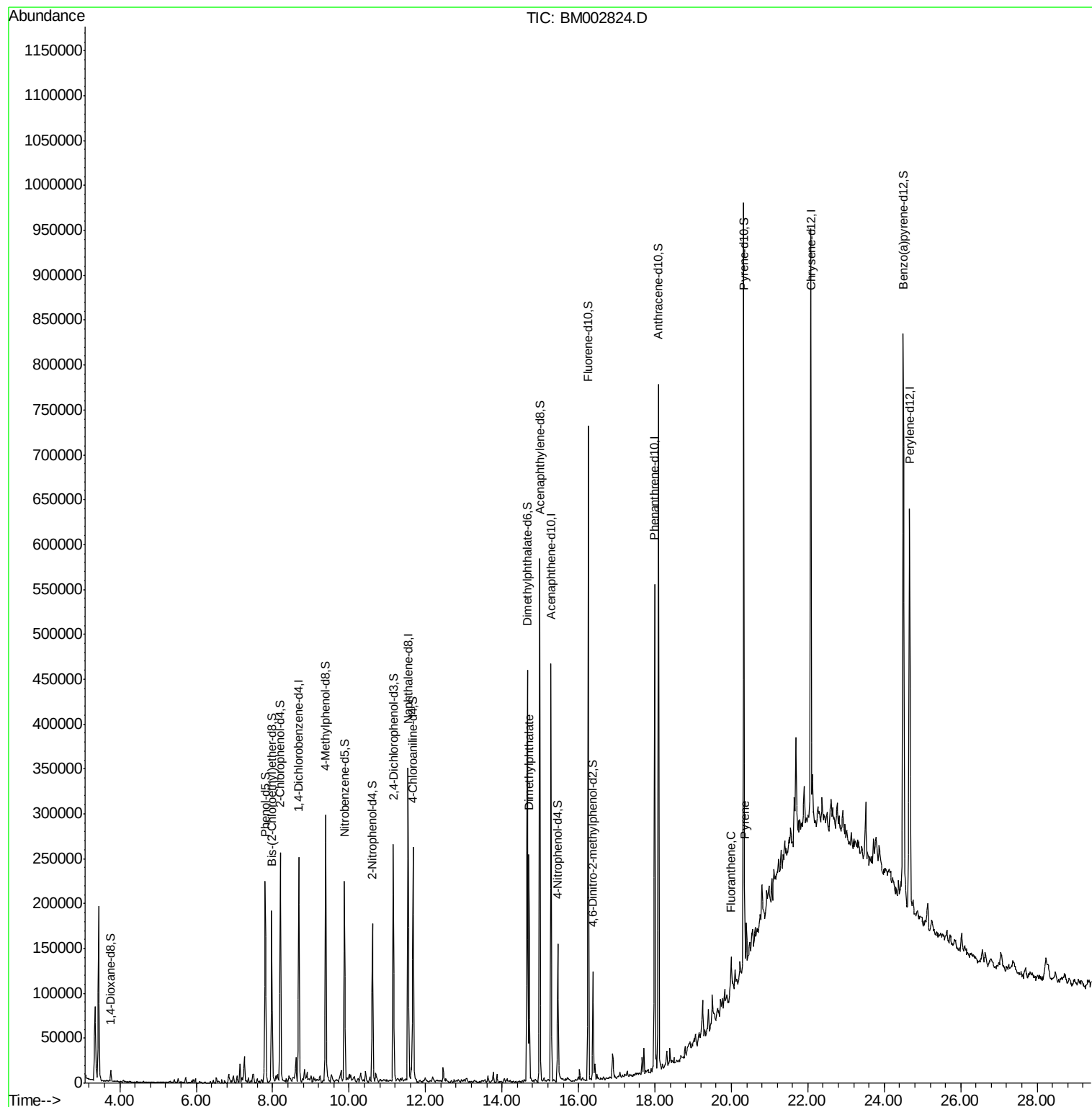
| Target Compounds      |       |     |        |       |       | Qvalue |
|-----------------------|-------|-----|--------|-------|-------|--------|
| 45) Dimethylphthalate | 14.71 | 163 | 178528 | 14.50 | ng/ul | 100    |
| 77) Fluoranthene      | 19.99 | 202 | 26048  | 1.33  | ng/ul | 99     |
| 80) Pyrene            | 20.35 | 202 | 28294  | 1.28  | ng/ul | 99     |

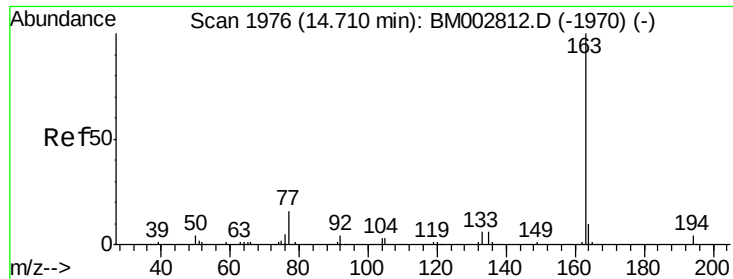
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 02 05:57:21 2015  
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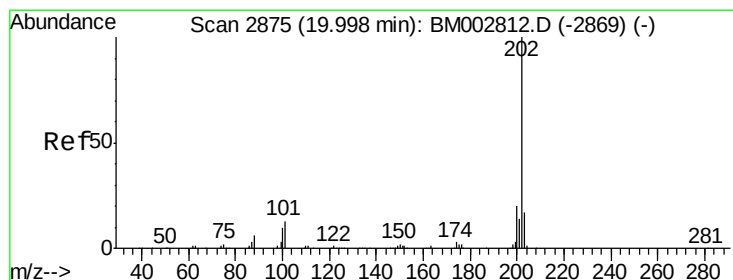
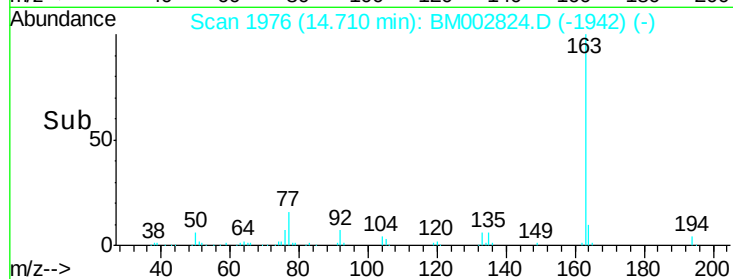
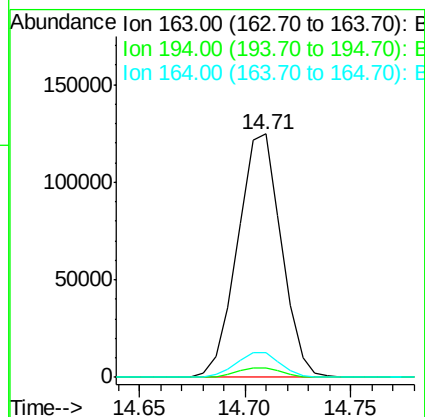
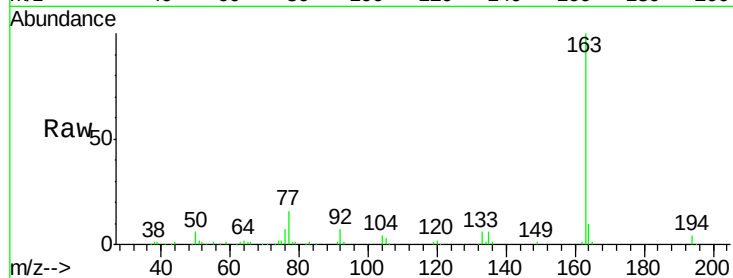




#45  
Dimethylphthalate  
Concen: 14.50 ng/ul  
RT: 14.71 min Scan# 1976  
Delta R.T. -0.00 min  
Lab File: BM002824.D  
Acq: 02 Oct 2015 03:28

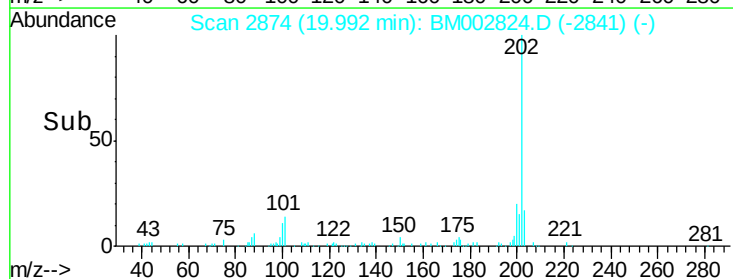
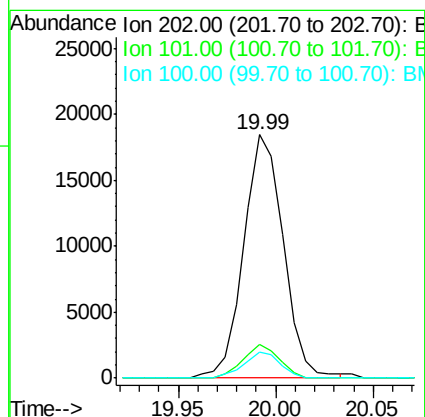
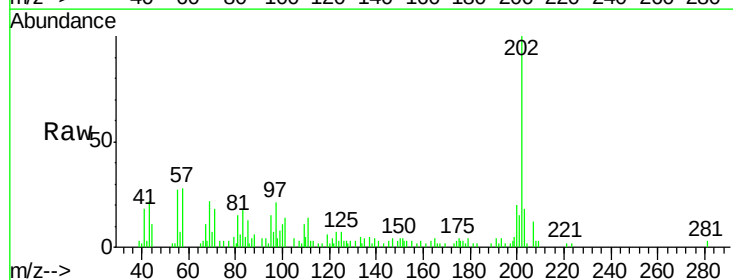
Instrument :  
BNA\_M  
ClientSampleId :  
BC2W7

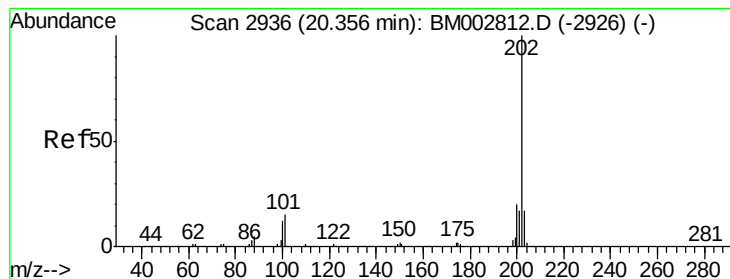
Tgt Ion:163 Resp: 178528  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.2 4.8  
164 10.2 8.1 12.1



#77  
Fluoranthene  
Concen: 1.33 ng/ul  
RT: 19.99 min Scan# 2874  
Delta R.T. -0.01 min  
Lab File: BM002824.D  
Acq: 02 Oct 2015 03:28

Tgt Ion:202 Resp: 26048  
Ion Ratio Lower Upper  
202 100  
101 14.1 11.0 16.4  
100 10.8 8.3 12.5

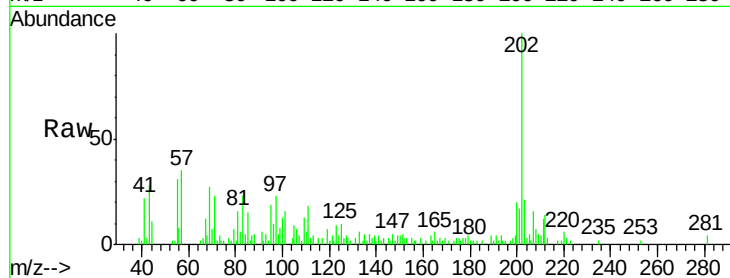




#80  
 Pyrene  
 Concen: 1.28 ng/ul  
 RT: 20.35 min Scan# 2935  
 Delta R.T. -0.01 min  
 Lab File: BM002824.D  
 Acq: 02 Oct 2015 03:28

Instrument :  
 BNA\_M  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 28294 |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 15.8  | 12.1  | 18.1  |
| 100      | 12.9  | 10.2  | 15.4  |



Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 100.00 (99.70 to 100.70): B

