

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM072716\  
 Data File : BM006704.D  
 Acq On : 28 Jul 2016 01:21  
 Operator : UM/SJ  
 Sample : H4094-22  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BDJF5

Quant Time: Jul 28 03:43:04 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM072616.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 28 01:25:43 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.60  | 152  | 140675   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.39 | 136  | 654175   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.26 | 164  | 390617   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.01 | 188  | 913564   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.22 | 240  | 1075122  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.42 | 264  | 1125899  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.12  | 96  | 8197    | 2.26  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.79  | 99  | 354044  | 28.63 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.95  | 67  | 220947  | 29.09 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.14  | 132 | 274077  | 28.26 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.32  | 113 | 277911  | 28.66 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.76  | 128 | 133485  | 26.43 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.48  | 143 | 144463  | 26.48 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.02 | 165 | 260917  | 26.08 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.53 | 131 | 344403  | 33.89 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.67 | 166 | 830415  | 26.64 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.95 | 160 | 1029289 | 26.26 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.49 | 143 | 117843  | 21.97 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.26 | 176 | 722806  | 26.73 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 91512   | 18.38 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.11 | 188 | 1128506 | 26.47 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.42 | 212 | 1293020 | 25.92 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.28 | 264 | 1370560 | 26.90 | ng/ul | 0.00 |

## Target Compounds

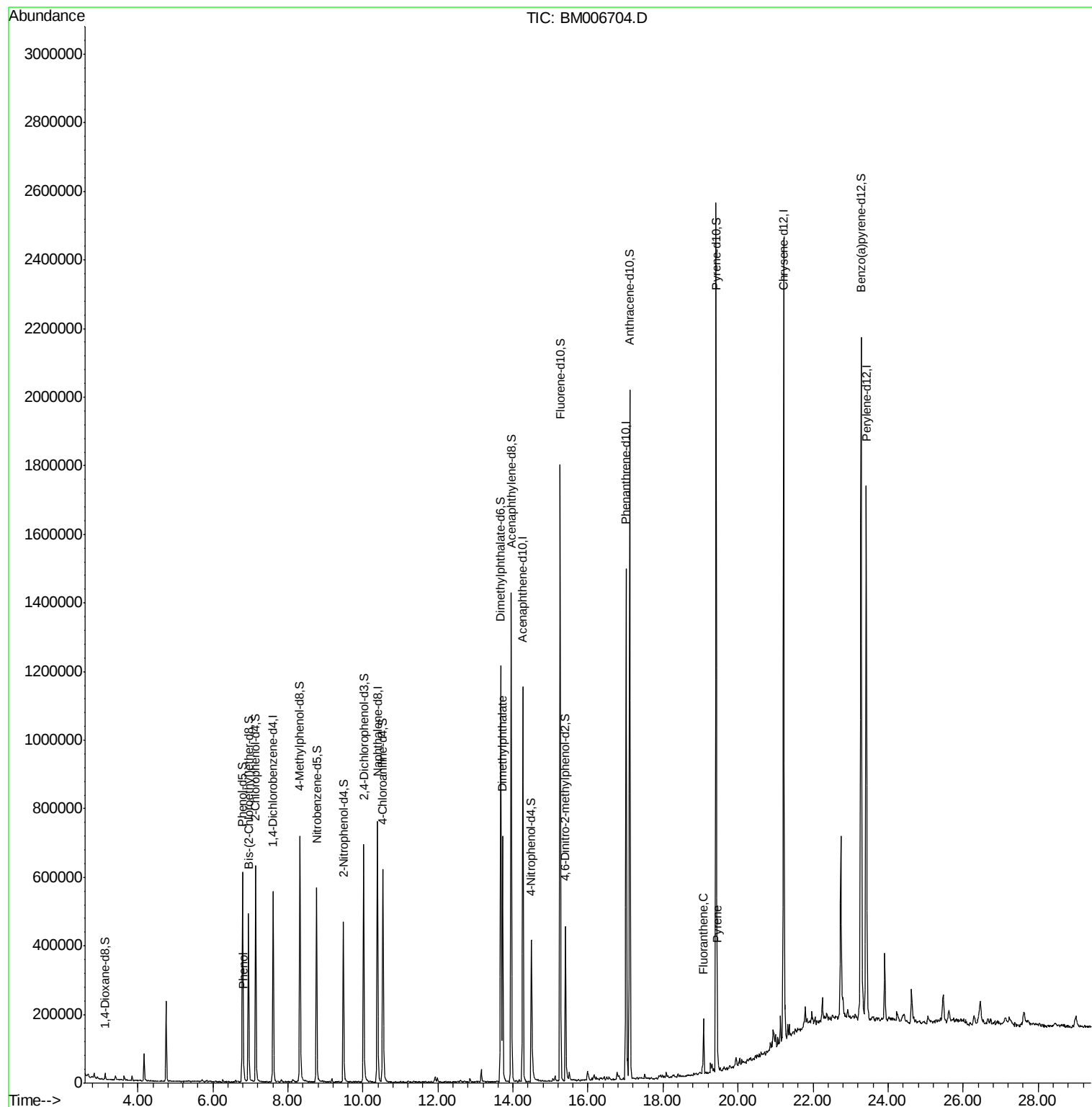
|                       |       |     |        |       |       | Qvalue |
|-----------------------|-------|-----|--------|-------|-------|--------|
| 6) Phenol             | 6.82  | 94  | 13845  | 1.06  | ng/ul | 92     |
| 44) Dimethylphthalate | 13.72 | 163 | 448268 | 14.38 | ng/ul | 99     |
| 74) Fluoranthene      | 19.08 | 202 | 94800  | 1.69  | ng/ul | 96     |
| 77) Pyrene            | 19.45 | 202 | 87953  | 1.34  | ng/ul | 97     |

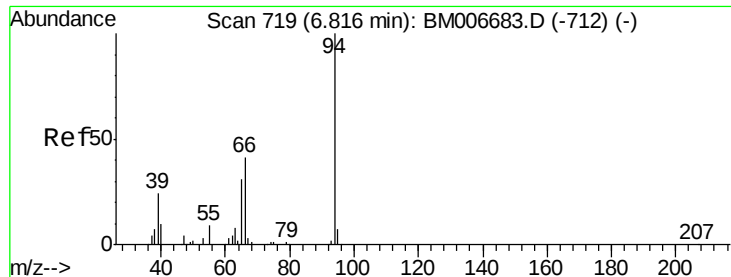
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.06 ng/ul

RT: 6.82 min Scan# 719

Delta R.T. 0.00 min

Lab File: BM006704.D

Acq: 28 Jul 2016 01:21

Instrument :

BNA\_M

ClientSampleId :

BDJF5

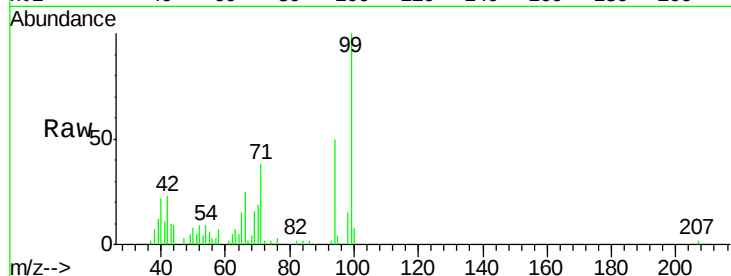
Tgt Ion: 94 Resp: 13845

Ion Ratio Lower Upper

94 100

65 29.0 25.8 38.8

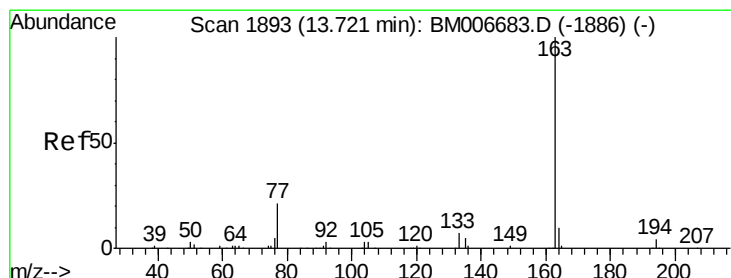
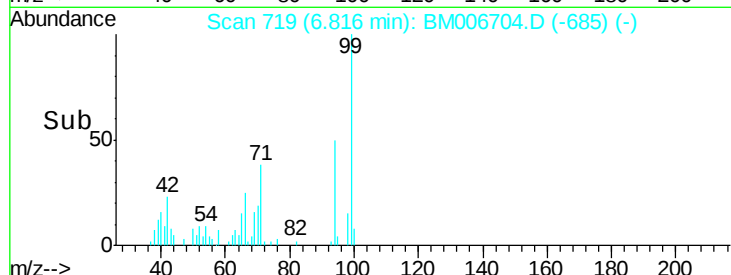
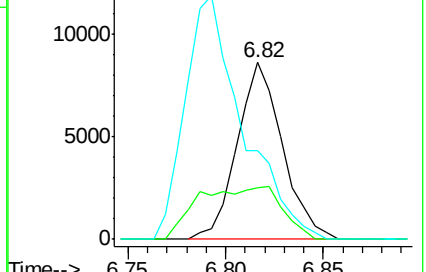
66 50.3 35.7 53.5



Abundance Ion 94.00 (93.70 to 94.70): BM006683.D (-712) (-)

Ion 65.00 (64.70 to 65.70): BM006683.D (-712) (-)

Ion 66.00 (65.70 to 66.70): BM006683.D (-712) (-)



#44

Dimethylphthalate

Concen: 14.38 ng/ul

RT: 13.72 min Scan# 1893

Delta R.T. 0.00 min

Lab File: BM006704.D

Acq: 28 Jul 2016 01:21

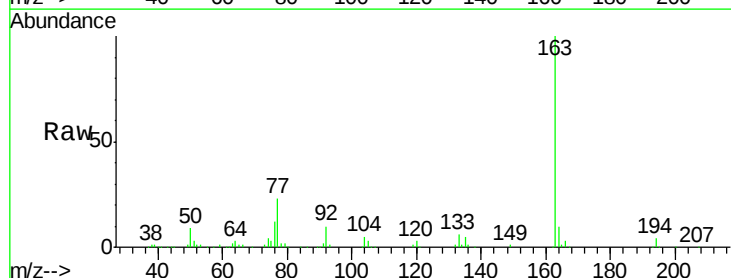
Tgt Ion: 163 Resp: 448268

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

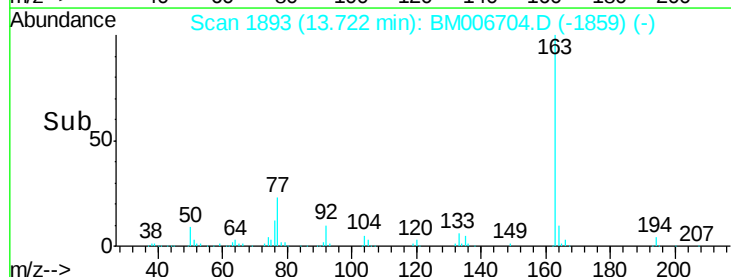
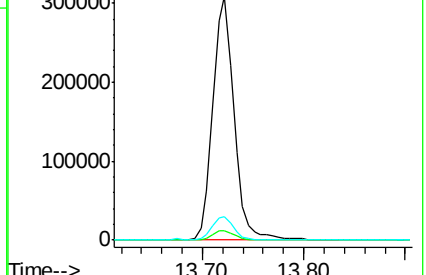
164 9.6 7.8 11.8

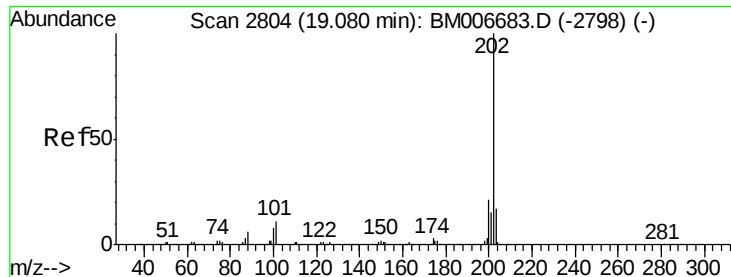


Abundance Ion 163.00 (162.70 to 163.70): BM006683.D (-1886) (-)

Ion 194.00 (193.70 to 194.70): BM006683.D (-1886) (-)

Ion 164.00 (163.70 to 164.70): BM006683.D (-1886) (-)





#74

Fluoranthene

Concen: 1.69 ng/ul

RT: 19.08 min Scan# 2804

Delta R.T. 0.00 min

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ClientSampleId :

BDJF5

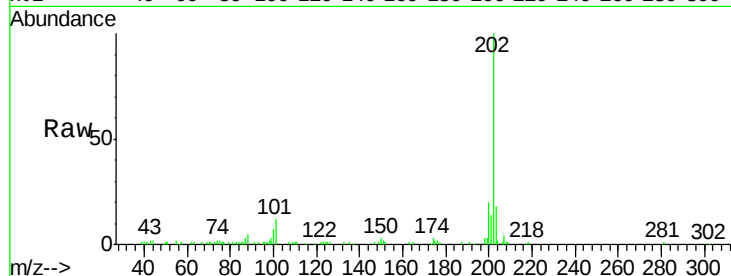
Tgt Ion:202 Resp: 94800

Ion Ratio Lower Upper

202 100

101 12.4 8.6 12.8

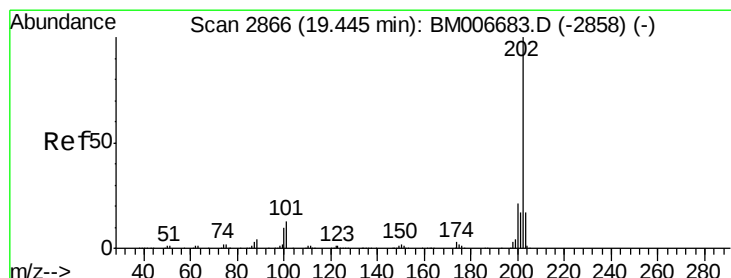
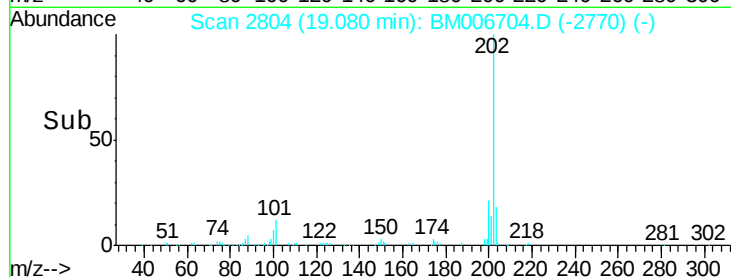
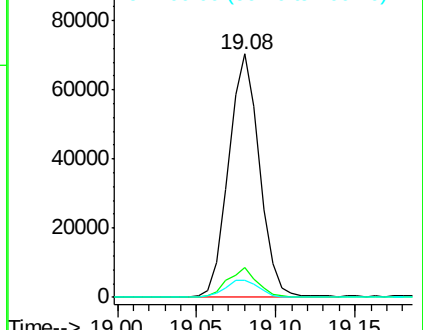
100 7.1 6.4 9.6



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



#77

Pyrene

Concen: 1.34 ng/ul

RT: 19.45 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BM006704.D

Acq: 28 Jul 2016 01:21

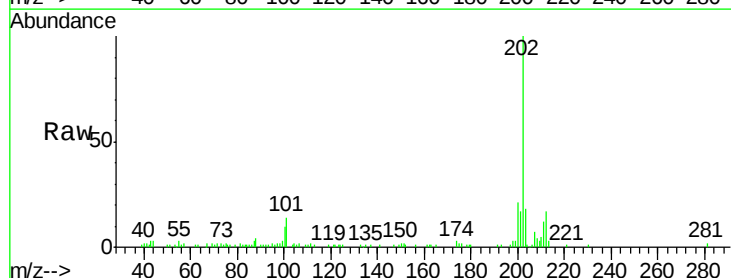
Tgt Ion:202 Resp: 87953

Ion Ratio Lower Upper

202 100

101 14.2 10.0 15.0

100 10.3 7.9 11.9



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

