

Data Path : Z:\HPCHEM1\BNA M\Data\BM041918\  
 Data File : BM014748.D  
 Acq On : 19 Apr 2018 23:53  
 Operator : SJ/JU  
 Sample : J2434-05  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AC0

Quant Time: May 03 08:58:06 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Apr 20 01:26:25 2018  
 Response via : Initial Calibration

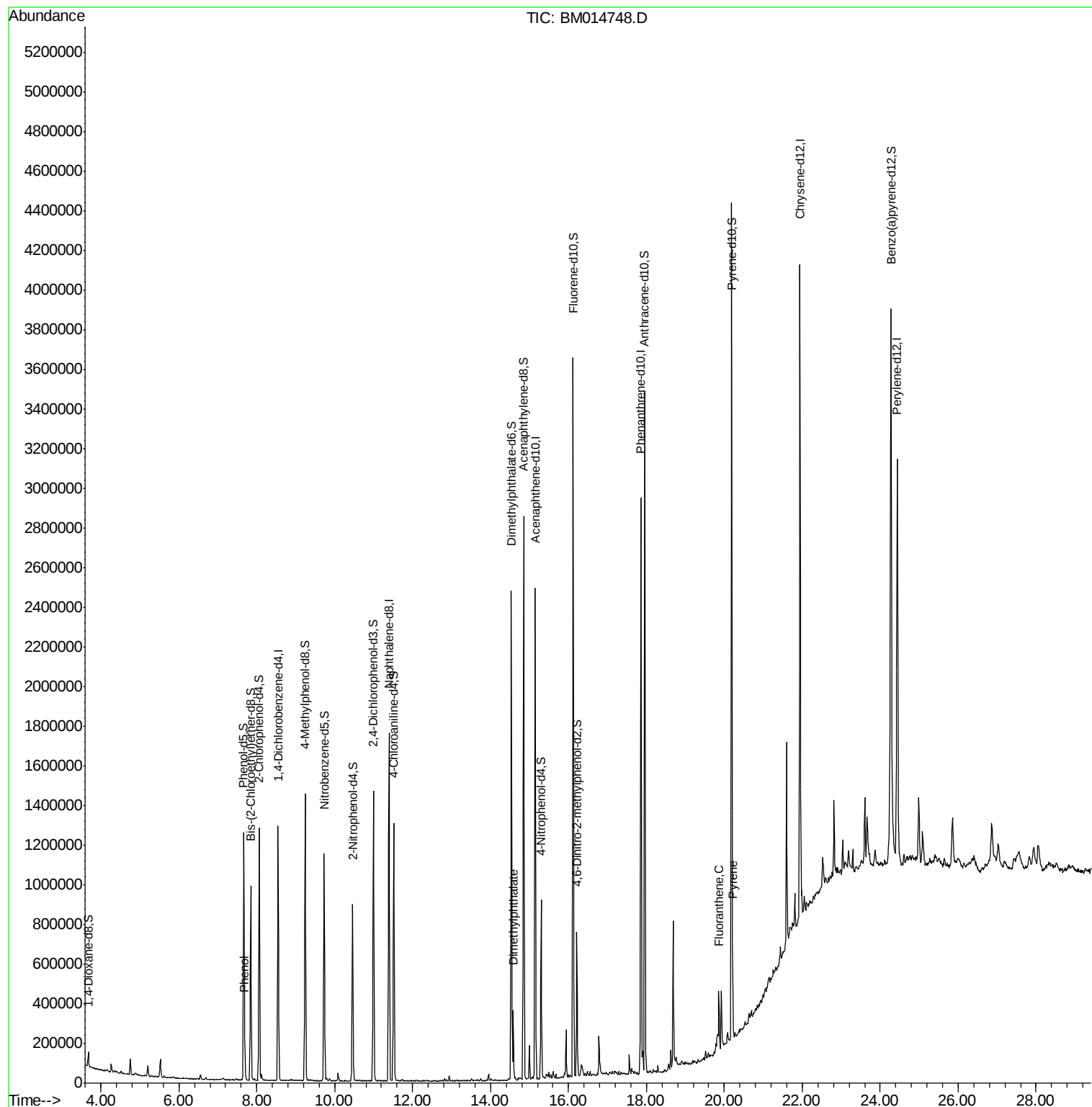
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.55  | 152  | 347676   | 20.00 | ng/ul  | 0.00     |
| 18) Naphthalene-d8             | 11.39 | 136  | 1470095  | 20.00 | ng/ul  | 0.00     |
| 35) Acenaphthene-d10           | 15.14 | 164  | 784317   | 20.00 | ng/ul  | 0.00     |
| 61) Phenanthrene-d10           | 17.86 | 188  | 1645708  | 20.00 | ng/ul  | 0.00     |
| 75) Chrysene-d12               | 21.94 | 240  | 1578634  | 20.00 | ng/ul  | 0.00     |
| 83) Perylene-d12               | 24.44 | 264  | 1619149  | 20.00 | ng/ul  | 0.00     |
| System Monitoring Compounds    |       |      |          |       |        |          |
| 3) 1,4-Dioxane-d8              | 3.68  | 96   | 37982    | 4.77  | ng/uL  | 0.00     |
| 5) Phenol-d5                   | 7.66  | 99   | 668872   | 24.88 | ng/ul  | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.85  | 67   | 448162   | 26.00 | ng/ul  | 0.00     |
| 9) 2-Chlorophenol-d4           | 8.06  | 132  | 573241   | 25.50 | ng/ul  | 0.00     |
| 13) 4-Methylphenol-d8          | 9.24  | 113  | 535388   | 24.98 | ng/ul  | 0.00     |
| 19) Nitrobenzene-d5            | 9.73  | 128  | 264987   | 24.93 | ng/ul  | 0.00     |
| 22) 2-Nitrophenol-d4           | 10.46 | 143  | 267054   | 25.23 | ng/ul  | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.99 | 165  | 526353   | 24.48 | ng/ul  | 0.00     |
| 29) 4-Chloroaniline-d4         | 11.51 | 131  | 679354   | 32.00 | ng/ul  | 0.00     |
| 43) Dimethylphthalate-d6       | 14.53 | 166  | 1555318  | 25.40 | ng/ul  | 0.00     |
| 46) Acenaphthylene-d8          | 14.84 | 160  | 2000436  | 26.46 | ng/ul  | 0.00     |
| 51) 4-Nitrophenol-d4           | 15.30 | 143  | 193976   | 17.07 | ng/ul  | 0.00     |
| 57) Fluorene-d10               | 16.12 | 176  | 1345941  | 25.28 | ng/ul  | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 16.22 | 200  | 136820   | 15.36 | ng/ul  | 0.00     |
| 70) Anthracene-d10             | 17.95 | 188  | 1955597  | 25.50 | ng/ul  | 0.00     |
| 76) Pyrene-d10                 | 20.19 | 212  | 2031823  | 27.20 | ng/ul  | 0.00     |
| 87) Benzo(a)pyrene-d12         | 24.28 | 264  | 1966744  | 24.72 | ng/ul  | 0.00     |
| Target Compounds               |       |      |          |       |        |          |
| 6) Phenol                      | 7.69  | 94   | 45375    | 1.716 | ng/ul# | 83       |
| 44) Dimethylphthalate          | 14.58 | 163  | 204838   | 3.461 | ng/ul  | 99       |
| 74) Fluoranthene               | 19.86 | 202  | 165705   | 1.720 | ng/ul# | 81       |
| 77) Pyrene                     | 20.22 | 202  | 142920   | 1.550 | ng/ul# | 80       |

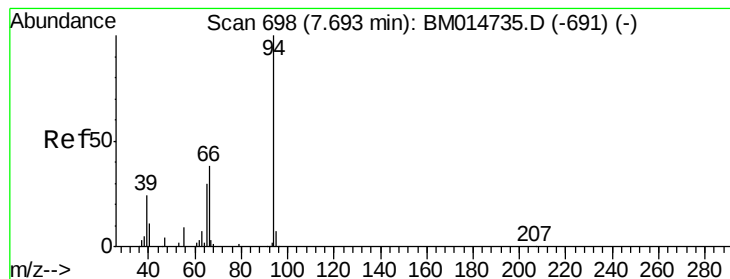
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.716 ng/ul

RT: 7.69 min Scan# 698

Delta R.T. -0.00 min

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Acq: 19 Apr 2018 23:53

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ClientSampleId :

C0AC0

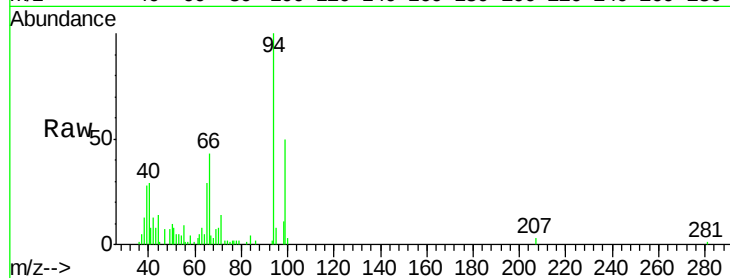
Tot Ion: 94 Resp: 45375

Ion Ratio Lower Upper

94 100

65 29.4 28.2 42.4

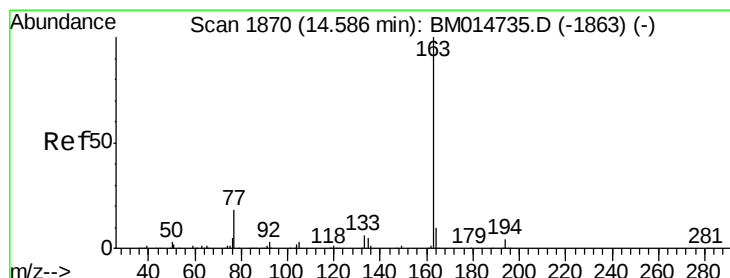
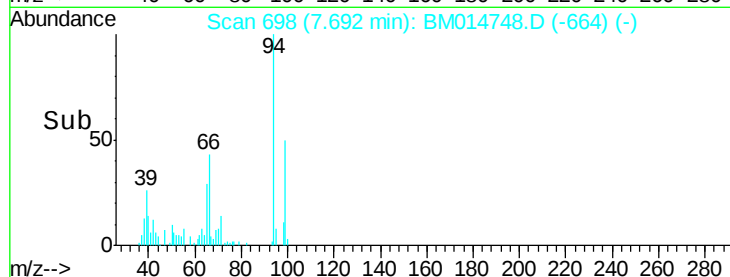
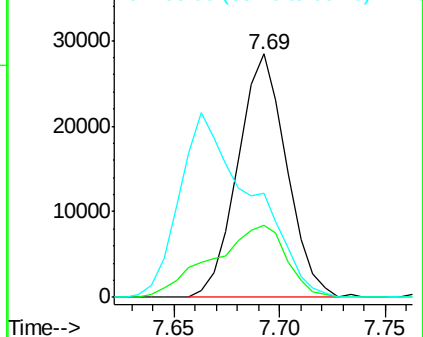
66 42.8 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM014735.D (-691) (-)

Ion 65.00 (64.70 to 65.70): BM014735.D (-691) (-)

Ion 66.00 (65.70 to 66.70): BM014735.D (-691) (-)



#44

Dimethylphthalate

Concen: 3.461 ng/ul

RT: 14.58 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BM014748.D

Acq: 19 Apr 2018 23:53

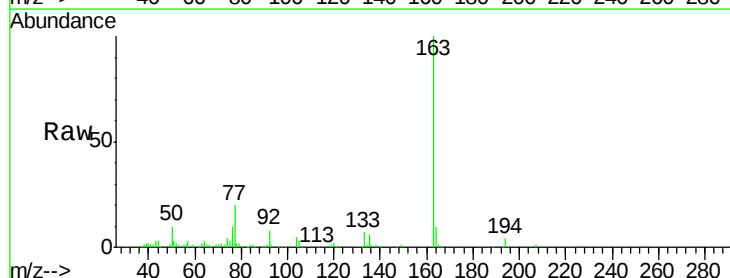
Tgt Ion:163 Resp: 204838

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

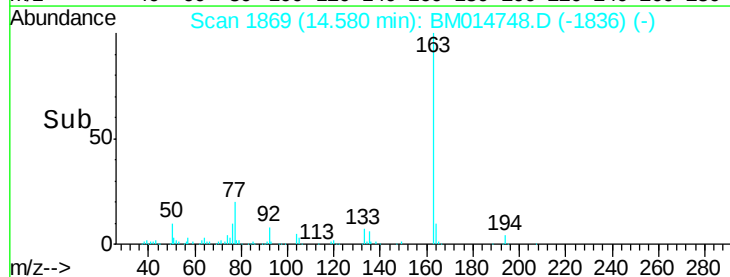
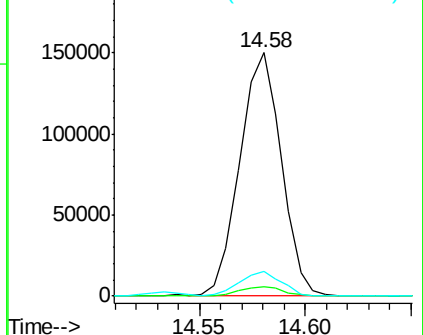
164 10.2 8.2 12.4

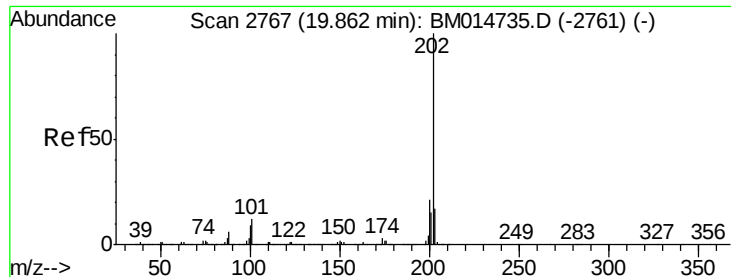


Abundance Ion 163.00 (162.70 to 163.70): BM014735.D (-1863) (-)

Ion 194.00 (193.70 to 194.70): BM014735.D (-1863) (-)

Ion 164.00 (163.70 to 164.70): BM014735.D (-1863) (-)





#74

Fluoranthene

Concen: 1.720 ng/ul

RT: 19.86 min Scan# 2766

Delta R.T. -0.01 min

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Acq: 19 Apr 2018 23:53

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C0AC0

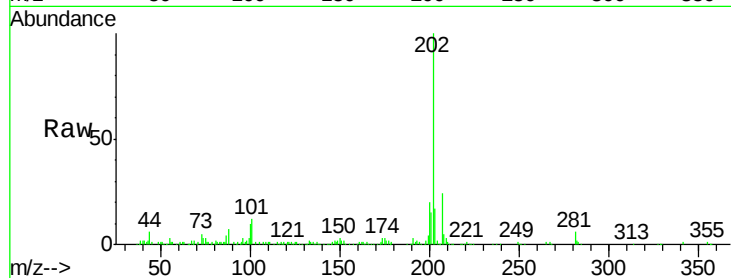
Tot Ion:202 Resp: 165705

Ion Ratio Lower Upper

202 100

101 12.3 4.6 7.0#

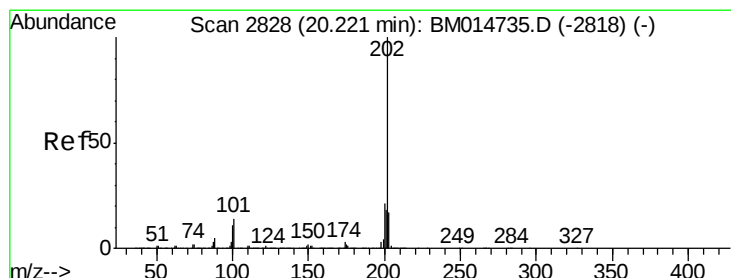
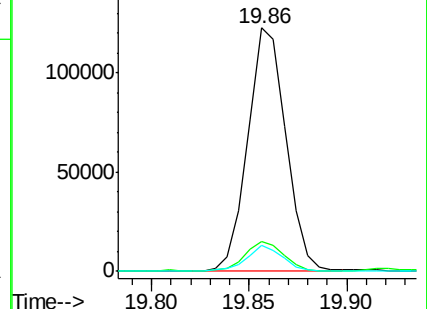
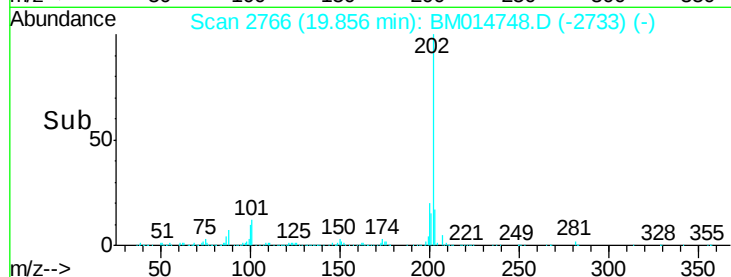
100 10.4 3.4 5.2#



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: 1.550 ng/ul

RT: 20.22 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BM014748.D

Acq: 19 Apr 2018 23:53

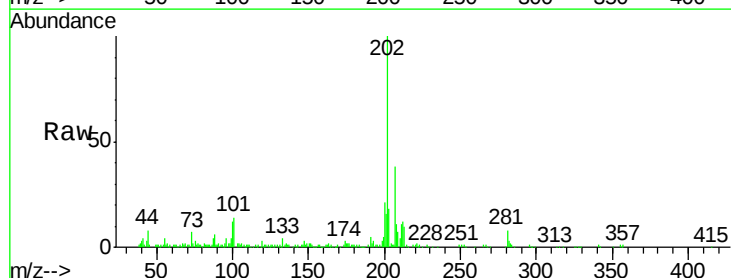
Tgt Ion:202 Resp: 142920

Ion Ratio Lower Upper

202 100

101 14.4 5.1 7.7#

100 11.8 4.9 7.3#



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

