

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_M\DATA\BM012318\  
 Data File : BM013760.D  
 Acq On : 24 Jan 2018 09:22  
 Operator : SJ/JU  
 Sample : J1220-03  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6A05

Quant Time: Jan 24 10:28:54 2018  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM011018.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jan 24 08:36:53 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.60  | 152  | 229904   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.38 | 136  | 935938   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.26 | 164  | 510803   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.01 | 188  | 1060880  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.21 | 240  | 1041439  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.41 | 264  | 1039811  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.16  | 96  | 13663  | 2.35  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.79  | 99  | 270013 | 15.30 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.95  | 67  | 162000 | 15.15 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.14  | 132 | 243270 | 16.92 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.32  | 113 | 191120 | 14.09 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.76  | 128 | 119858 | 16.50 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.48  | 143 | 131268 | 17.11 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.01 | 165 | 225732 | 15.23 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.53 | 131 | 235318 | 18.30 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.67 | 166 | 691200 | 16.42 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.95 | 160 | 891422 | 16.60 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.49 | 143 | 78885  | 11.53 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.26 | 176 | 586824 | 15.85 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 67294  | 10.54 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.11 | 188 | 884458 | 17.12 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.41 | 212 | 938411 | 19.35 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.27 | 264 | 875706 | 18.32 | ng/ul | 0.00 |

## Target Compounds

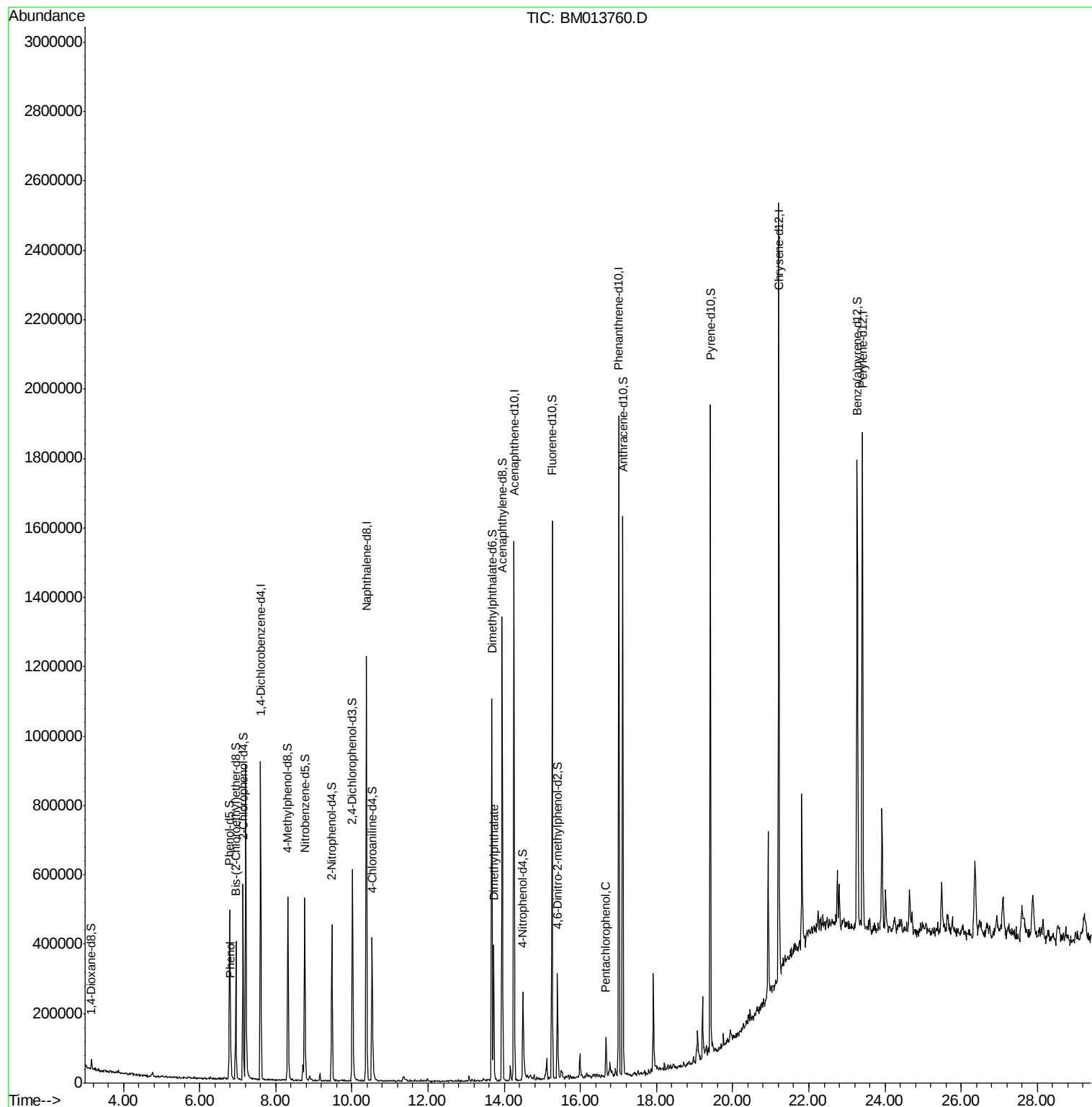
|                       |       |     |        |       | Qvalue |    |
|-----------------------|-------|-----|--------|-------|--------|----|
| 6) Phenol             | 6.82  | 94  | 42297  | 2.389 | ng/ul# | 83 |
| 44) Dimethylphthalate | 13.72 | 163 | 232966 | 5.628 | ng/ul  | 99 |
| 68) Pentachlorophenol | 16.67 | 266 | 23174  | 3.233 | ng/ul# | 75 |

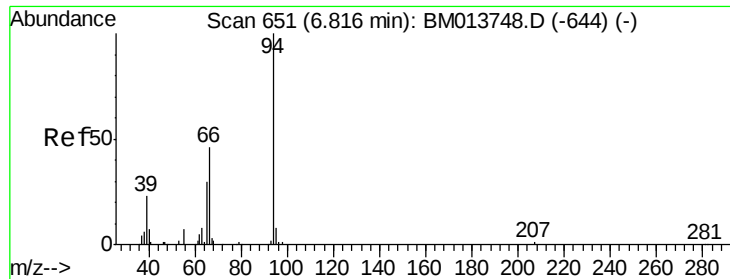
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.389 ng/ul

RT: 6.82 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM013760.D

Acq: 24 Jan 2018 09:22

Instrument :

BNA\_M

ClientSampleId :

F6A05

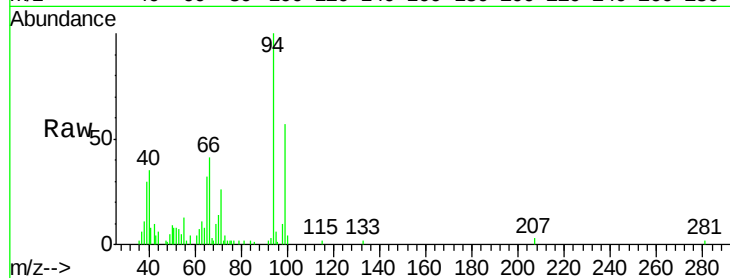
Tgt Ion: 94 Resp: 42297

Ion Ratio Lower Upper

94 100

65 32.3 28.2 42.4

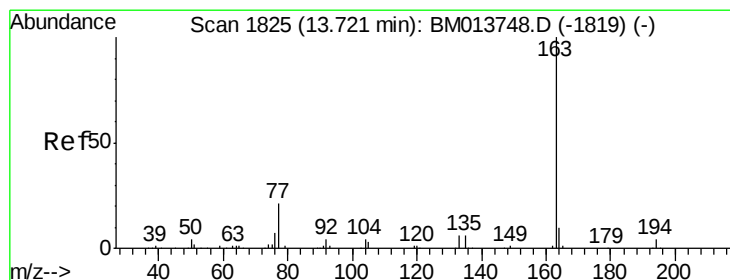
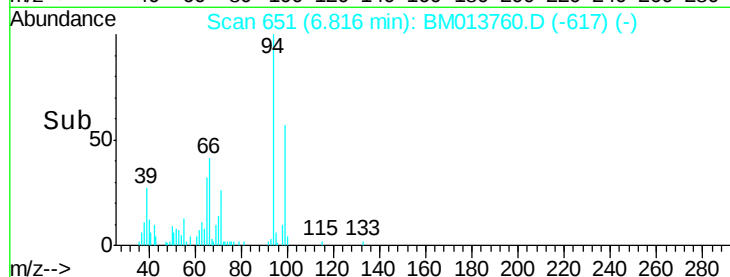
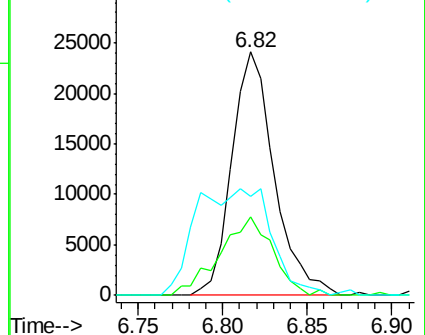
66 40.8 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013748.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BM013748.D (-644) (-)

Ion 66.00 (65.70 to 66.70): BM013748.D (-644) (-)



#44

Dimethylphthalate

Concen: 5.628 ng/ul

RT: 13.72 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BM013760.D

Acq: 24 Jan 2018 09:22

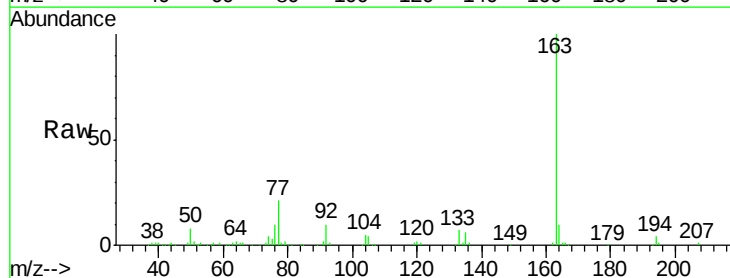
Tgt Ion: 163 Resp: 232966

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

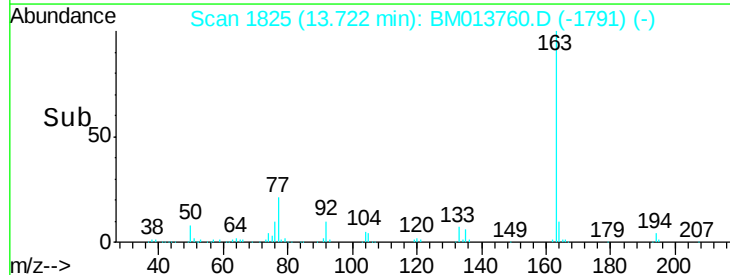
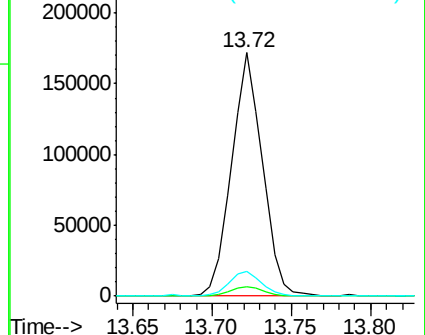
164 10.1 8.2 12.4

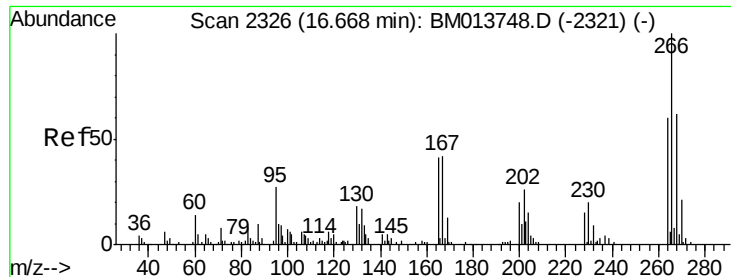


Abundance Ion 163.00 (162.70 to 163.70): BM013748.D (-1819) (-)

Ion 194.00 (193.70 to 194.70): BM013748.D (-1819) (-)

Ion 164.00 (163.70 to 164.70): BM013748.D (-1819) (-)





#68

Pentachlorophenol

Concen: 3.233 ng/ul

RT: 16.67 min Scan# 2327

Delta R.T. 0.01 min

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BNA\_M

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F6A05

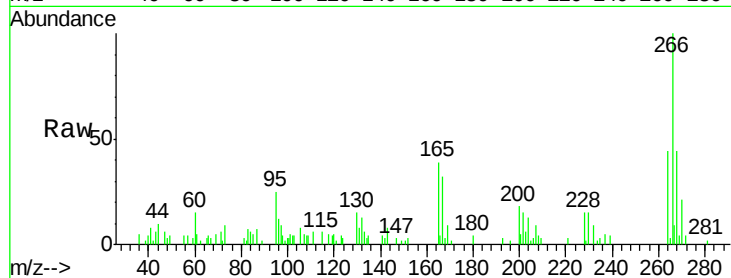
Tgt Ion:266 Resp: 23174

Ion Ratio Lower Upper

266 100

264 43.7 49.3 73.9#

268 44.2 52.6 78.8#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

