

Data File : BM022313.D  
Acq On : 25 Aug 2019 04:11  
Operator : HP/JU  
Sample : K4373-03  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AB0

Quant Time: Aug 26 01:36:45 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM082219MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Aug 26 01:32:10 2019  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.55  | 152  | 44348    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.32 | 136  | 197483   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.21 | 164  | 140758   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.97 | 188  | 329314   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.18 | 240  | 338505   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.37 | 264  | 304033   | 20.00 | ng/ul | 0.00     |

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| System Monitoring Compounds    |       |     |        |       |       |      |
| 3) 1,4-Dioxane-d8              | 3.13  | 96  | 5024   | 5.07  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.75  | 99  | 26345  | 6.88  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.91  | 67  | 63305  | 28.43 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.09  | 132 | 76958  | 24.90 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.28  | 113 | 52131  | 15.72 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.72  | 128 | 47714  | 32.40 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.43  | 143 | 58747  | 34.28 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.97  | 165 | 105461 | 30.23 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.52 | 131 | 7507   | 1.77  | ng/ul | 0.03 |
| 43) Dimethylphthalate-d6       | 13.64 | 166 | 400760 | 32.33 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.90 | 160 | 435460 | 32.61 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.52 | 143 | 8845   | 4.82  | ng/ul | 0.05 |
| 57) Fluorene-d10               | 15.22 | 176 | 346801 | 33.74 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.38 | 200 | 62610  | 24.64 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.07 | 188 | 587587 | 33.70 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.38 | 212 | 766105 | 43.55 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.23 | 264 | 577260 | 34.56 | ng/ul | 0.00 |

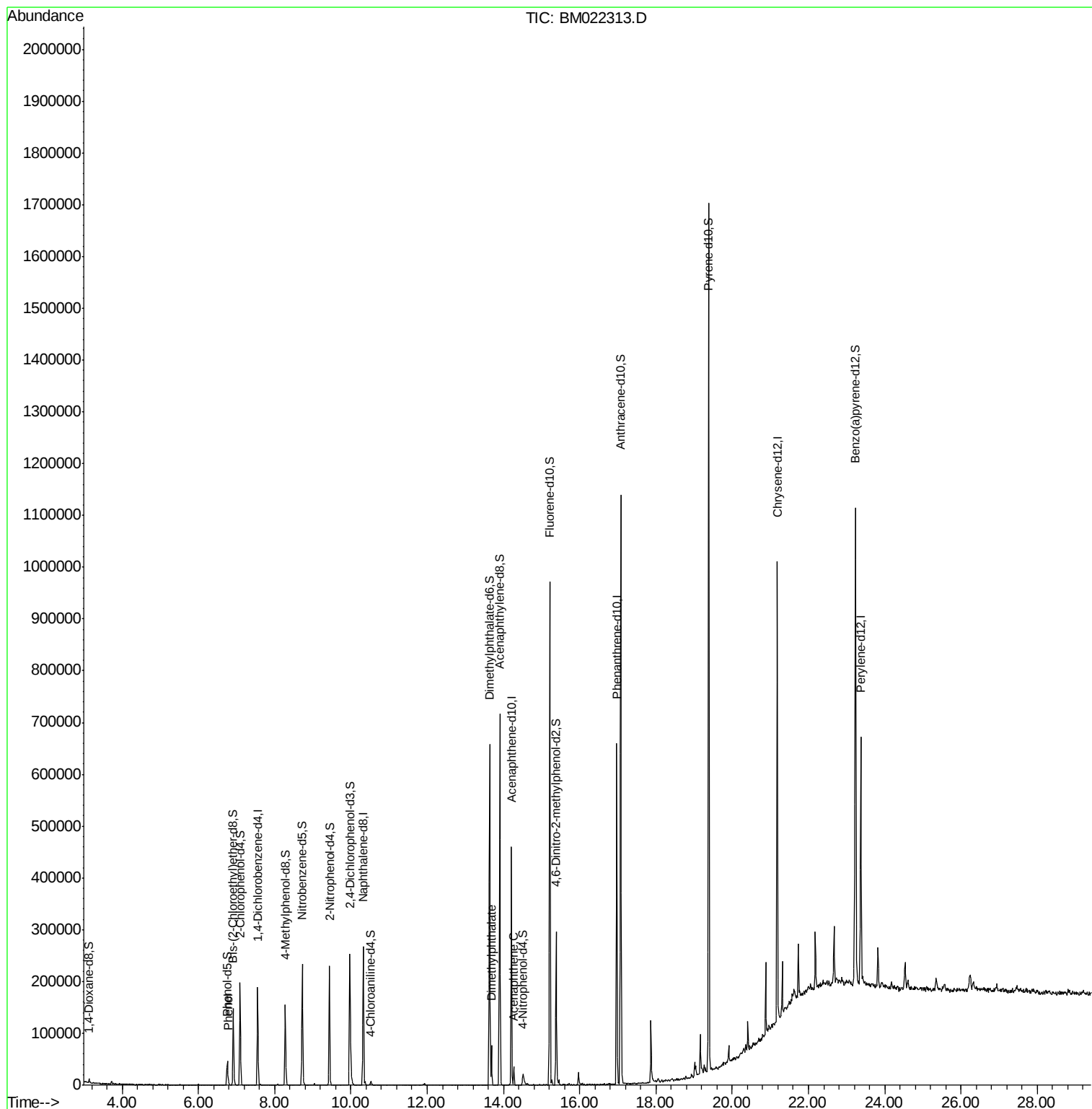
|                       |       |     |       |        |        |    |
|-----------------------|-------|-----|-------|--------|--------|----|
| Target Compounds      |       |     |       | Qvalue |        |    |
| 6) Phenol             | 6.78  | 94  | 5093  | 1.243  | ng/ul# | 87 |
| 44) Dimethylphthalate | 13.69 | 163 | 46575 | 3.693  | ng/ul  | 99 |
| 49) Acenaphthene      | 14.27 | 153 | 14274 | 1.452  | ng/ul  | 98 |

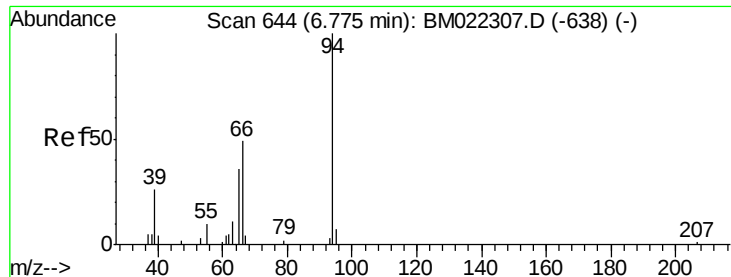
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.243 ng/ul

RT: 6.78 min Scan# 645

Delta R.T. 0.01 min

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Acq: 25 Aug 2019 04:11

Instrument :

BNA\_M

ClientSampleId :

C0AB0

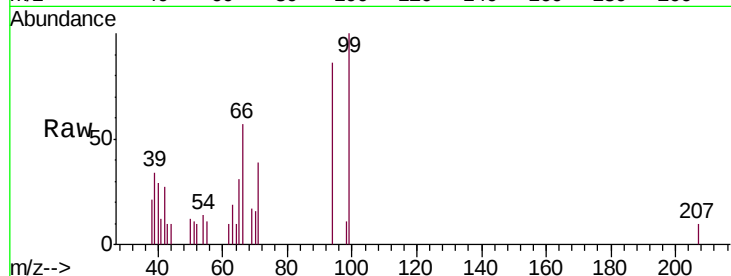
Tgt Ion: 94 Resp: 5093

Ion Ratio Lower Upper

94 100

65 36.3 29.2 43.8

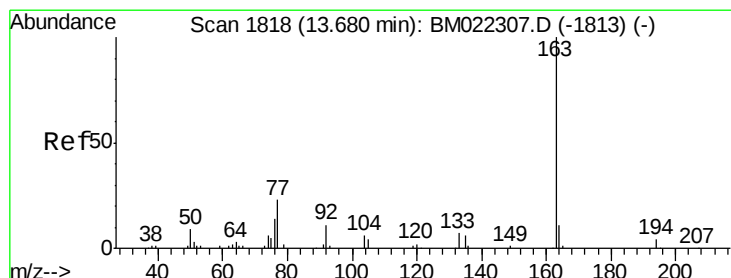
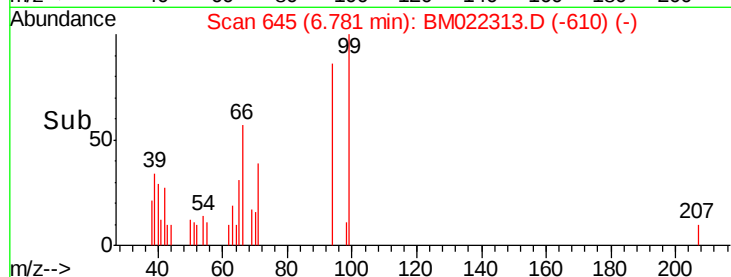
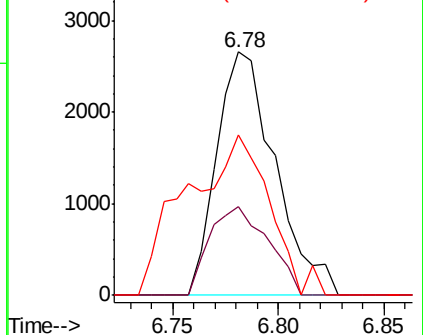
66 65.9 40.6 60.8#



Abundance Ion 94.00 (93.70 to 94.70): BM022313.D (-610) (-)

Ion 65.00 (64.70 to 65.70): BM022313.D (-610) (-)

Ion 66.00 (65.70 to 66.70): BM022313.D (-610) (-)



#44

Dimethylphthalate

Concen: 3.693 ng/ul

RT: 13.69 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BM022313.D

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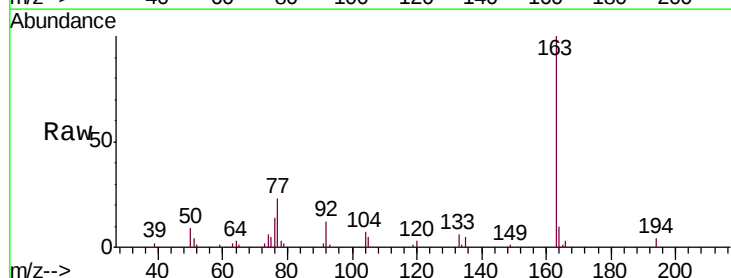
Tgt Ion: 163 Resp: 46575

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

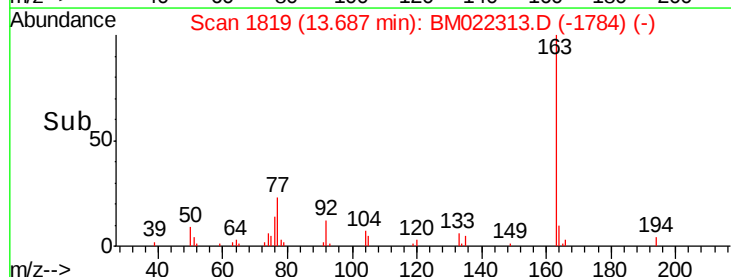
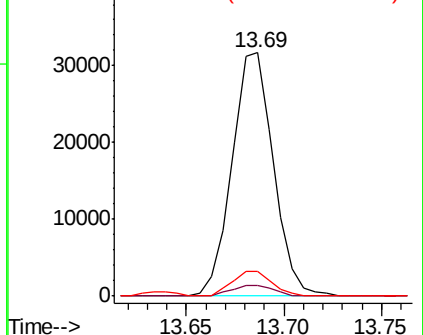
164 9.9 7.8 11.8

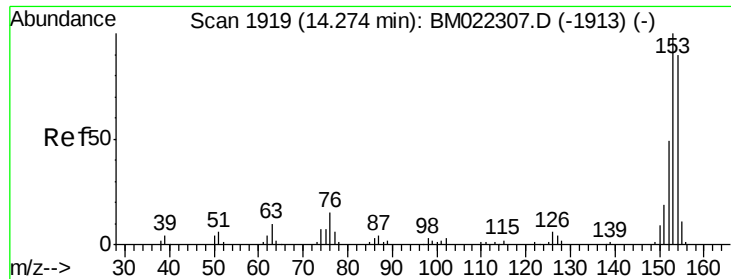


Abundance Ion 163.00 (162.70 to 163.70): BM022313.D (-1784) (-)

Ion 194.00 (193.70 to 194.70): BM022313.D (-1784) (-)

Ion 164.00 (163.70 to 164.70): BM022313.D (-1784) (-)





#49

Acenaphthene

Concen: 1.452 ng/ul

RT: 14.27 min Scan# 1919

Delta R.T. 0.00 min

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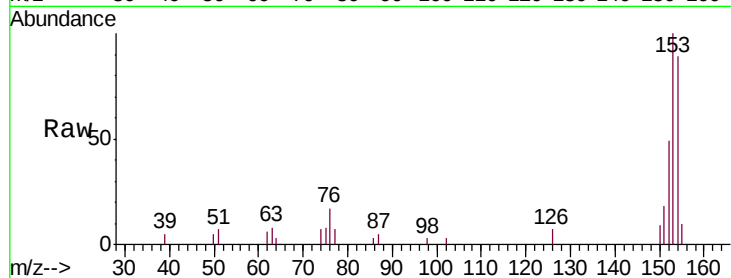
Tgt Ion:153 Resp: 14274

Ion Ratio Lower Upper

153 100

152 49.1 38.6 58.0

154 88.9 68.9 103.3



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

