

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\  
 Data File : BM018090.D  
 Acq On : 12 Dec 2018 11:06  
 Operator : JU/SJ  
 Sample : J6170-11DL 10X  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F9M04DL

Quant Time: Dec 12 13:48:13 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Dec 12 06:24:35 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.55  | 152  | 174470   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.32 | 136  | 764647   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.20 | 164  | 420780   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.96 | 188  | 860988   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.17 | 240  | 655867   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.34 | 264  | 627982   | 20.00 | ng/ul | 0.00     |

|                                |       |     |        |      |       |      |
|--------------------------------|-------|-----|--------|------|-------|------|
| System Monitoring Compounds    |       |     |        |      |       |      |
| 3) 1,4-Dioxane-d8              | 3.17  | 96  | 521    | 0.14 | ng/uL | 0.02 |
| 5) Phenol-d5                   | 6.77  | 99  | 5866   | 0.37 | ng/ul | 0.04 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.90  | 67  | 19407  | 2.02 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.09  | 132 | 25731  | 2.06 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.28  | 113 | 9878   | 0.76 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5            | 8.71  | 128 | 12836  | 2.19 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.42  | 143 | 12756  | 1.90 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.99  | 165 | 16575  | 1.29 | ng/ul | 0.04 |
| 29) 4-Chloroaniline-d4         | 10.56 | 131 | 244    | 0.02 | ng/ul | 0.09 |
| 43) Dimethylphthalate-d6       | 13.63 | 166 | 101871 | 2.79 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.89 | 160 | 128803 | 2.92 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 0.00  | 143 | 0      | 0.00 | ng/ul |      |
| 57) Fluorene-d10               | 15.21 | 176 | 94237  | 2.99 | ng/ul | 0.01 |
| 62) 4,6-Dinitro-2-methylphenol | 0.00  | 200 | 0      | 0.00 | ng/ul |      |
| 70) Anthracene-d10             | 17.06 | 188 | 139154 | 3.25 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.37 | 212 | 130284 | 4.11 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.21 | 264 | 115541 | 3.39 | ng/ul | 0.00 |

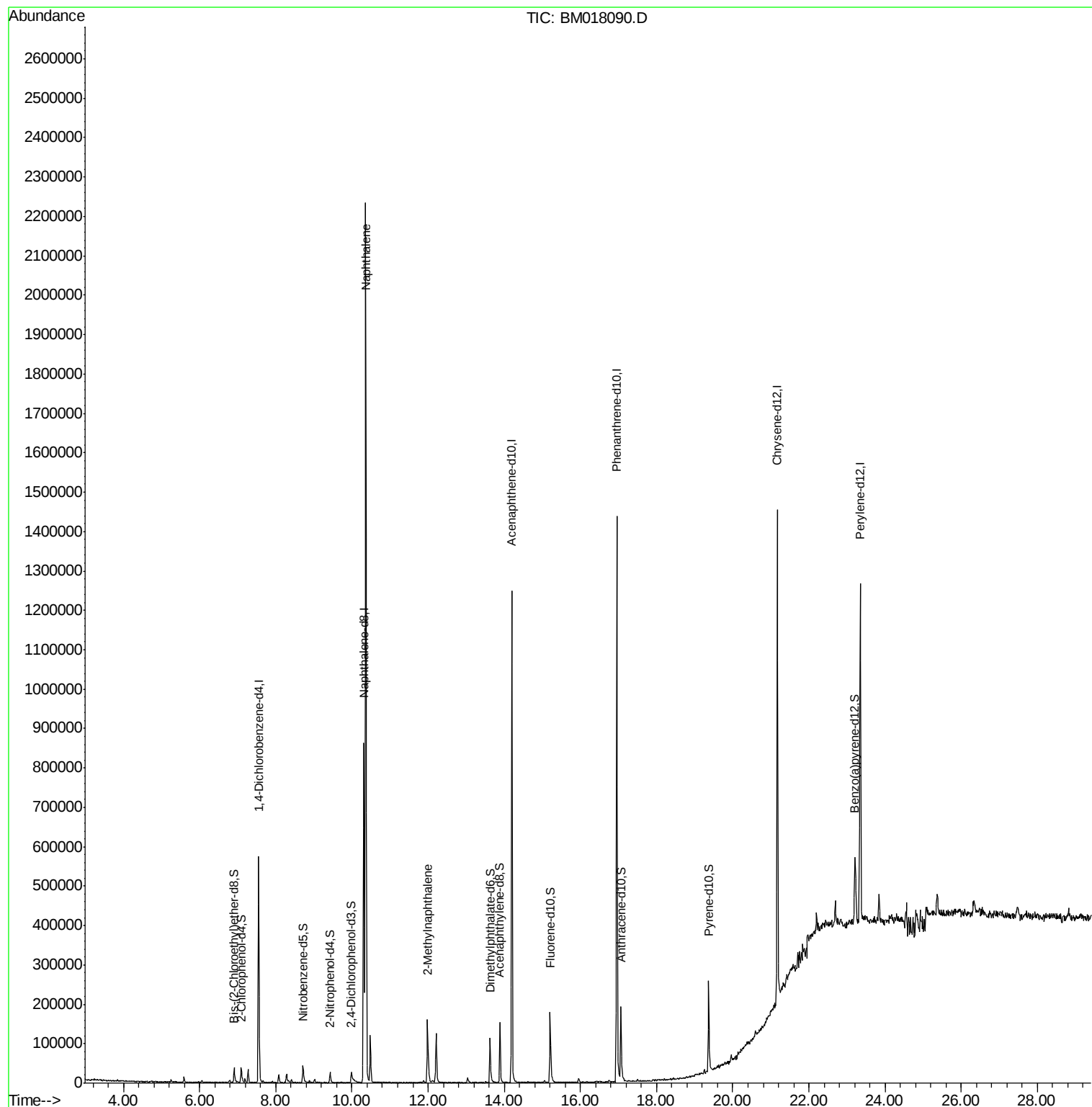
|                         |       |     |         |        |        |    |
|-------------------------|-------|-----|---------|--------|--------|----|
| Target Compounds        |       |     |         |        | Ovalue |    |
| 28) Naphthalene         | 10.36 | 128 | 1847979 | 46.386 | ng/ul  | 99 |
| 34) 2-Methylnaphthalene | 11.99 | 142 | 109790  | 3.692  | ng/ul  | 91 |

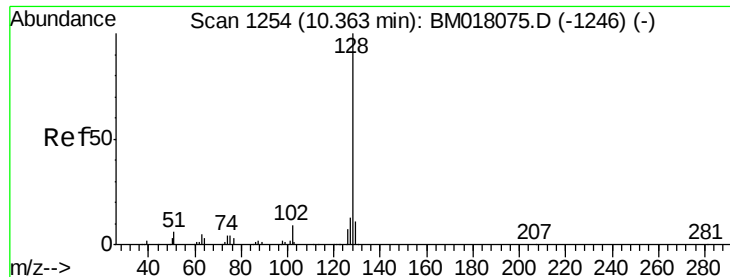
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 46.386 ng/ul

RT: 10.36 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BM018090.D

Acq: 12 Dec 2018 11:06

Instrument :

BNA\_M

ClientSampleId :

F9M04DL

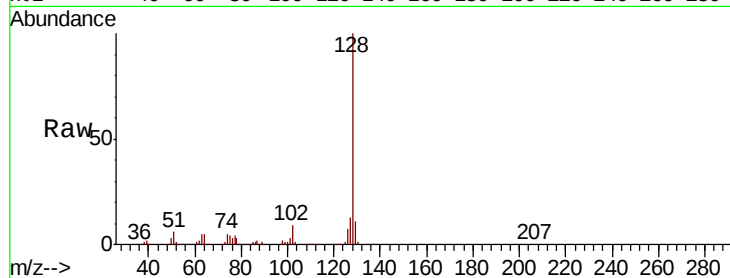
Tot Ion:128 Resp: 1847979

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

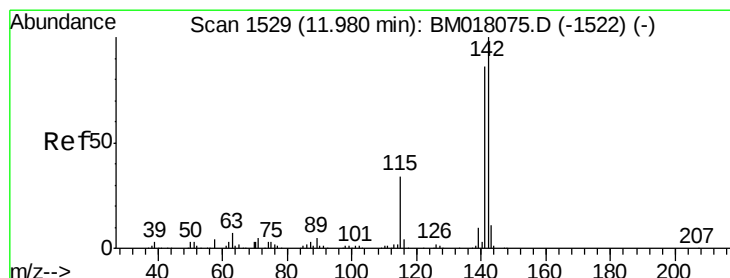
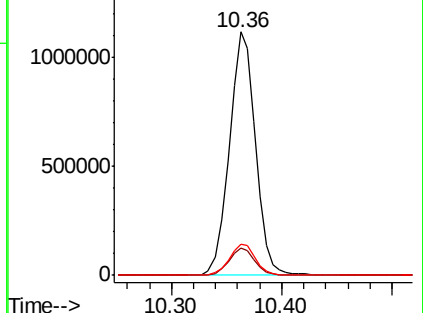
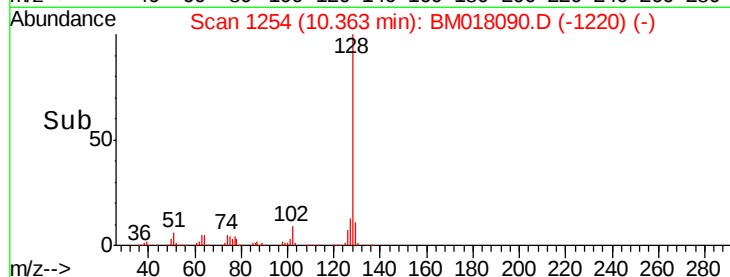
127 13.0 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

1500000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 3.692 ng/ul

RT: 11.99 min Scan# 1531

Delta R.T. 0.01 min

Lab File: BM018090.D

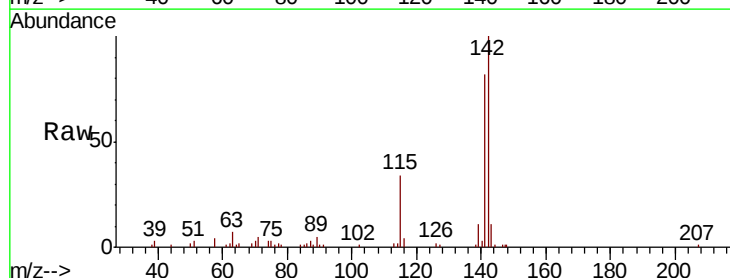
Acq: 12 Dec 2018 11:06

Tgt Ion:142 Resp: 109790

Ion Ratio Lower Upper

142 100

141 81.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

60000 Ion 141.00 (140.70 to 141.70): E

