

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120619\  
 Data File : BM024030.D  
 Acq On : 06 Dec 2019 23:28  
 Operator : JU  
 Sample : K6007-20  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Dec 07 01:18:31 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM112719MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 06 22:30:13 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.47  | 152  | 338346   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.25 | 136  | 1347974  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.13 | 164  | 790831   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.89 | 188  | 1627203  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.10 | 240  | 1602114  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.24 | 264  | 1953281  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.03  | 96  | 62362   | 8.20  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.67  | 99  | 1129874 | 38.10 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.83  | 67  | 711170  | 41.23 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.02  | 132 | 909685  | 39.69 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.19  | 113 | 857402  | 36.65 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.63  | 128 | 436364  | 41.71 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.35  | 143 | 488417  | 41.07 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.88  | 165 | 857987  | 38.10 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.39 | 131 | 1117884 | 45.23 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.56 | 166 | 2567608 | 41.78 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.82 | 160 | 3174679 | 44.08 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.37 | 143 | 379148  | 36.70 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.14 | 176 | 2229856 | 43.12 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.28 | 200 | 347804  | 34.05 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.99 | 188 | 3321987 | 42.75 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.29 | 212 | 3551217 | 42.90 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.10 | 264 | 4456064 | 43.16 | ng/ul | 0.00 |

## Target Compounds

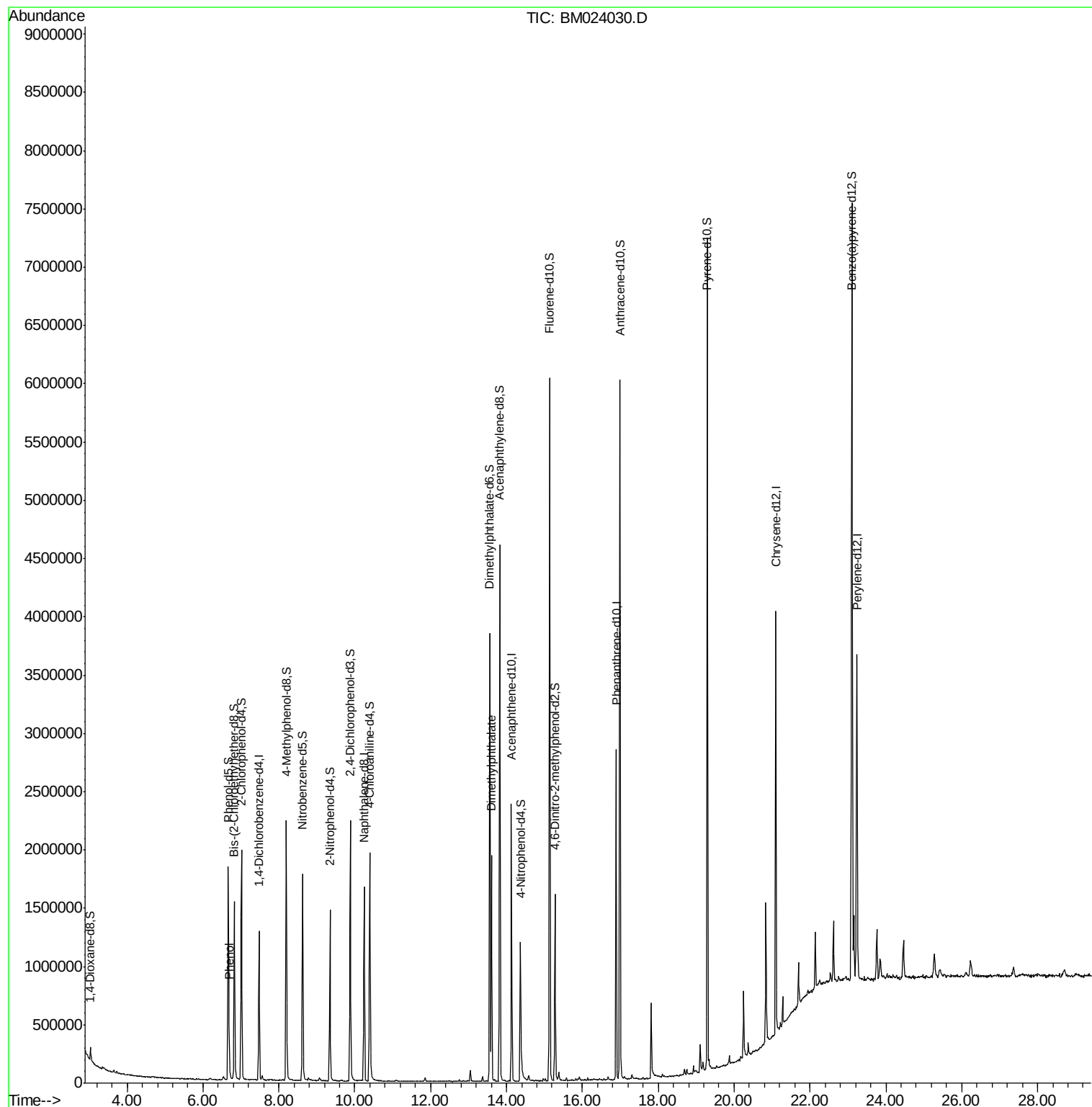
|                       |       |     |         |        | Ovalue   |
|-----------------------|-------|-----|---------|--------|----------|
| 6) Phenol             | 6.69  | 94  | 62768   | 2.058  | ng/ul 94 |
| 45) Dimethylphthalate | 13.60 | 163 | 1254028 | 20.848 | ng/ul 99 |

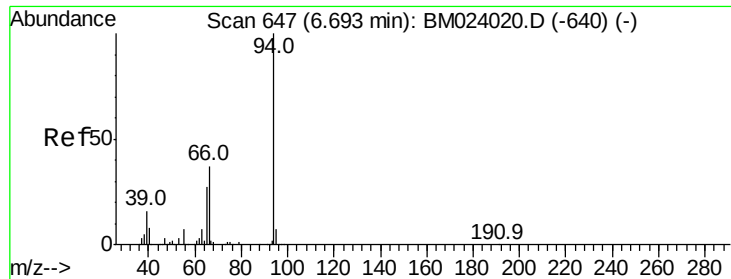
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.058 ng/ul

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM024030.D

Acq: 06 Dec 2019 23:28

Instrument :

BNA\_M

ClientSampleId :

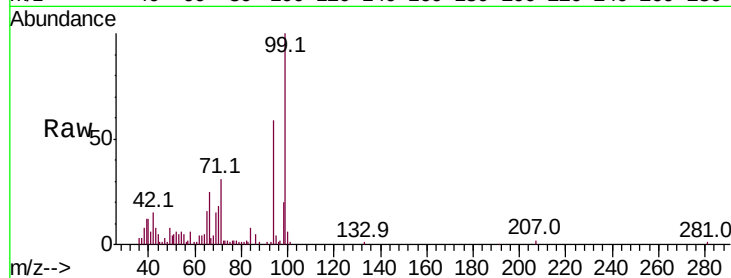
Tot Ion: 94 Resp: 62768

Ion Ratio Lower Upper

94 100

65 27.4 21.7 32.5

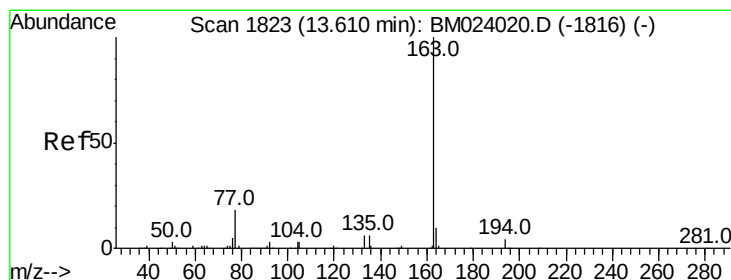
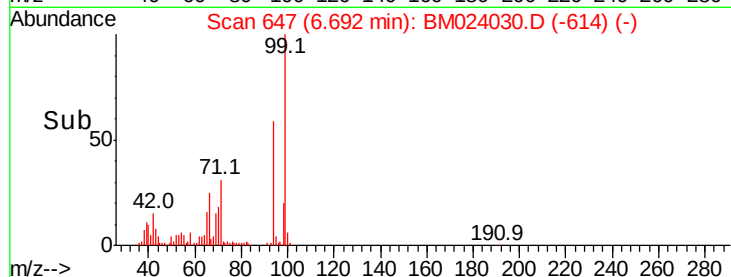
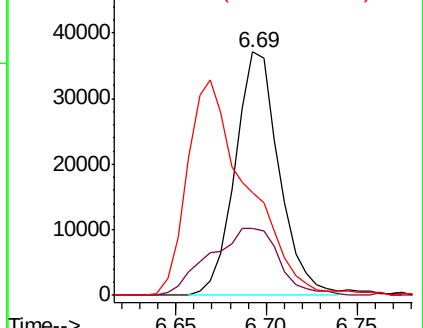
66 42.3 28.8 43.2



Abundance Ion 94.00 (93.70 to 94.70): BM024020.D (-640) (-)

Ion 65.00 (64.70 to 65.70): BM024020.D (-640) (-)

Ion 66.00 (65.70 to 66.70): BM024020.D (-640) (-)



#45

Dimethylphthalate

Concen: 20.848 ng/ul

RT: 13.60 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BM024030.D

Acq: 06 Dec 2019 23:28

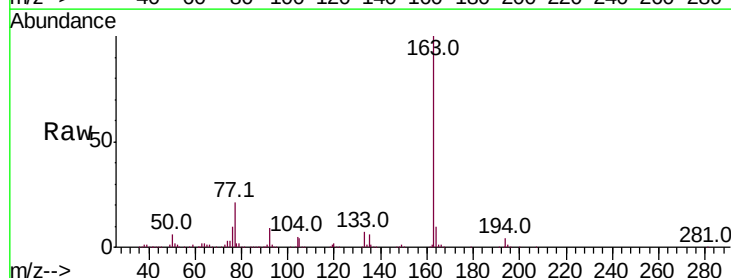
Tgt Ion: 163 Resp: 1254028

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.3 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): BM024020.D (-1816) (-)

Ion 194.00 (193.70 to 194.70): BM024020.D (-1816) (-)

Ion 164.00 (163.70 to 164.70): BM024020.D (-1816) (-)

