

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM051920\  
 Data File : BM026029.D  
 Acq On : 19 May 2020 22:40  
 Operator : MA/SJ  
 Sample : L2681-03  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C5CA5

Quant Time: May 20 09:56:01 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM051320MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 19 10:05:34 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.50  | 152  | 163842   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.26 | 136  | 683693   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.14 | 164  | 399685   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.89 | 188  | 843726   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.09 | 240  | 860651   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.21 | 264  | 893360   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.08  | 96  | 28026   | 5.16  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.69  | 99  | 107416  | 7.23  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.85  | 67  | 361883  | 35.20 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.04  | 132 | 316922  | 27.24 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.21  | 113 | 199201  | 17.78 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.65  | 128 | 195650  | 35.10 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.36  | 143 | 208320  | 37.78 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.89  | 165 | 350035  | 31.62 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.41 | 131 | 22981   | 2.05  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.57 | 166 | 1118684 | 34.90 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.83 | 160 | 1343236 | 35.37 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.36 | 143 | 30909   | 5.45  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.14 | 176 | 958805  | 34.39 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.27 | 200 | 159417  | 32.40 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.99 | 188 | 1440773 | 34.65 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.29 | 212 | 1610608 | 36.43 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.08 | 264 | 1702009 | 35.79 | ng/ul | 0.00 |

## Target Compounds

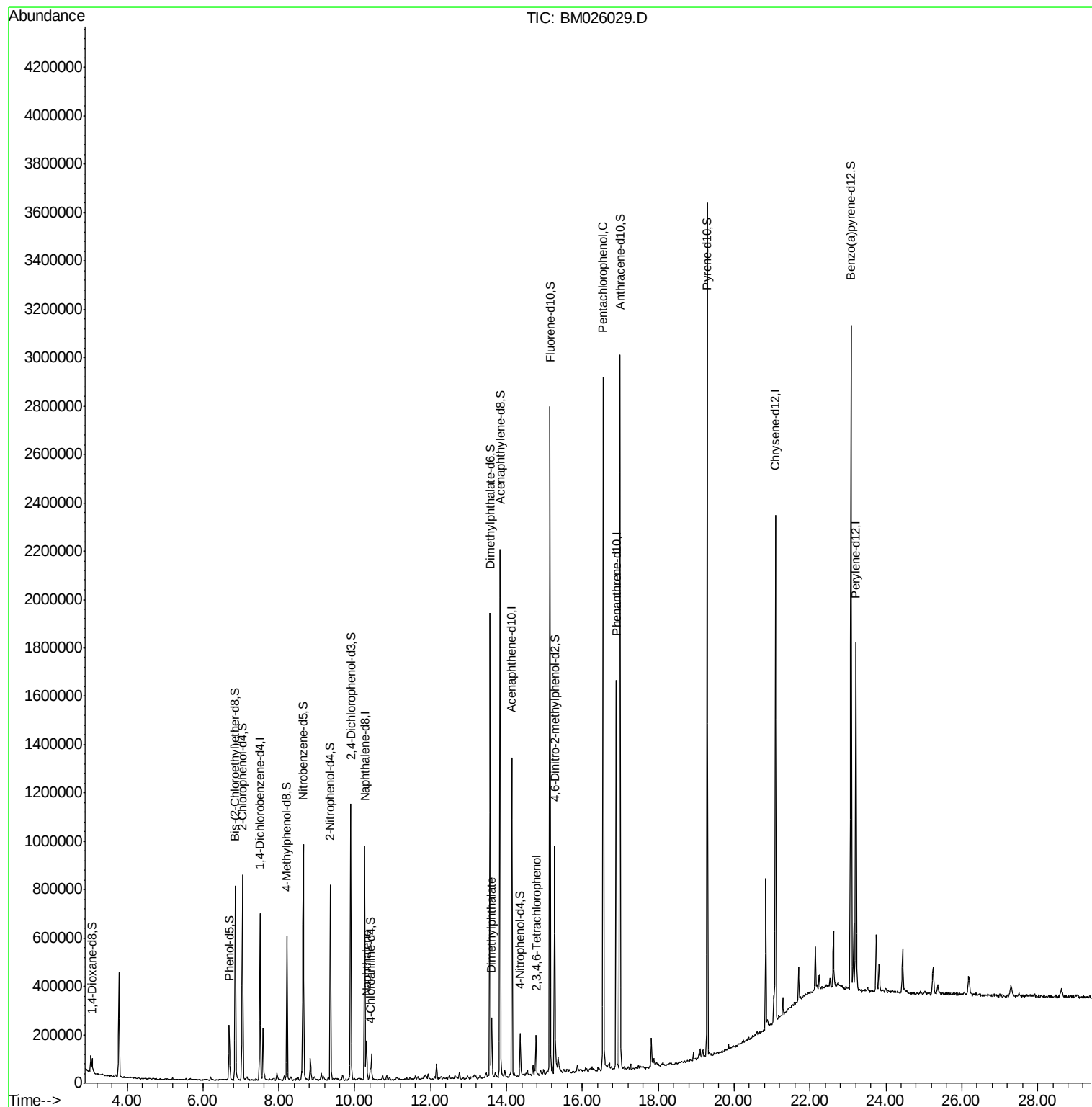
|                               |       |     |        |       |        | Qvalue |
|-------------------------------|-------|-----|--------|-------|--------|--------|
| 28) Naphthalene               | 10.31 | 128 | 117164 | 2.80  | ng/ul  | 97     |
| 45) Dimethylphthalate         | 13.62 | 163 | 133852 | 3.98  | ng/ul# | 97     |
| 56) 2,3,4,6-Tetrachlorophenol | 14.78 | 232 | 25870  | 3.34  | ng/ul# | 94     |
| 69) Pentachlorophenol         | 16.56 | 266 | 435842 | 71.63 | ng/ul  | 99     |

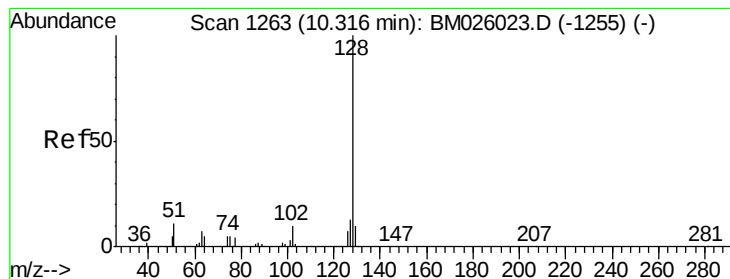
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 2.80 ng/ul

RT: 10.31 min Scan# 1262

Delta R.T. -0.01 min

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Acq: 19 May 2020 22:40

Instrument :

BNA\_M

ClientSampleId :

C5CA5

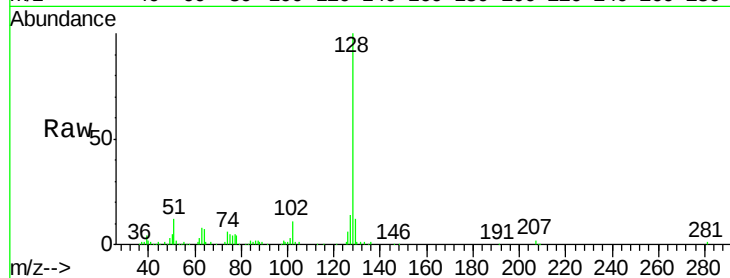
Tgt Ion:128 Resp: 117164

Ion Ratio Lower Upper

128 100

129 12.2 9.0 13.4

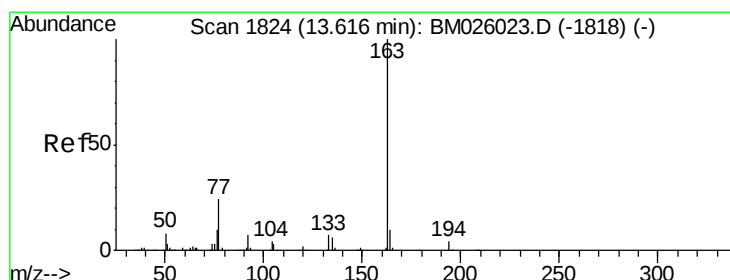
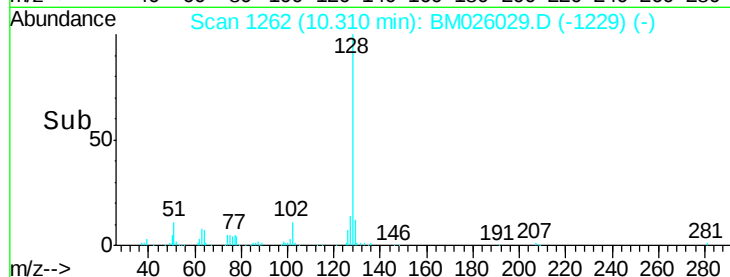
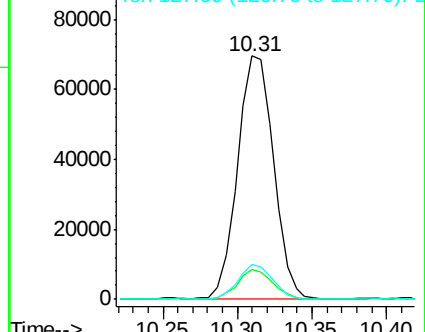
127 14.4 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#45

Dimethylphthalate

Concen: 3.98 ng/ul

RT: 13.62 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BM026029.D

Acq: 19 May 2020 22:40

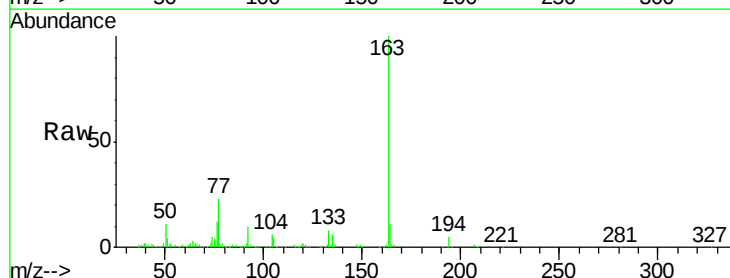
Tgt Ion:163 Resp: 133852

Ion Ratio Lower Upper

163 100

194 4.9 3.2 4.8#

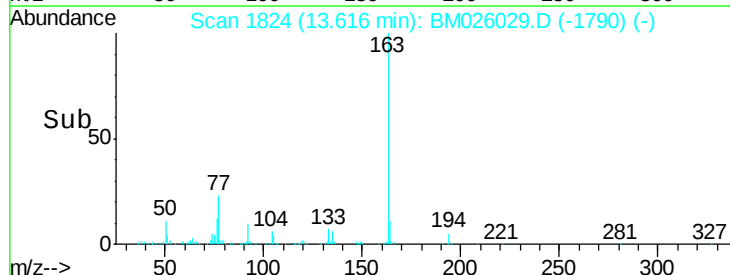
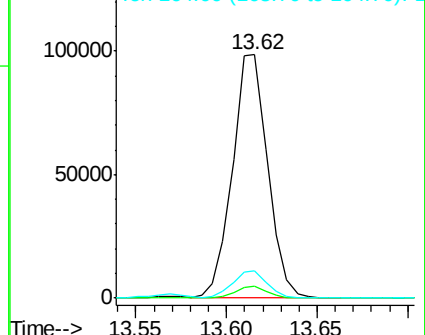
164 11.2 8.0 12.0

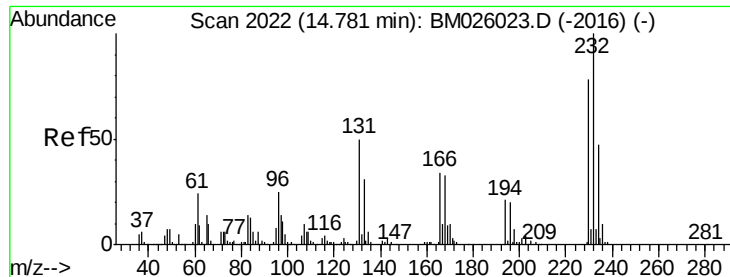


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#56

2,3,4,6-Tetrachlorophenol

Concen: 3.34 ng/ul

RT: 14.78 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BM026029.D

Acq: 19 May 2020 22:40

Instrument :

BNA\_M

ClientSampleId :

C5CA5

Tgt Ion:232 Resp: 25870

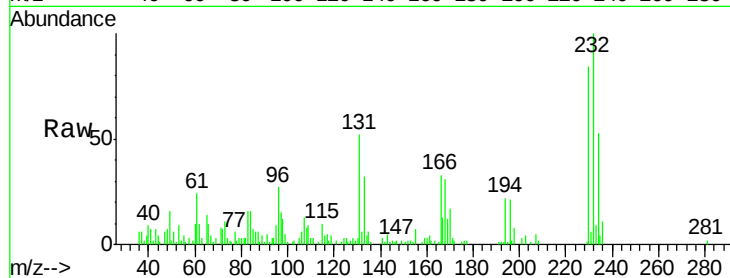
Ion Ratio Lower Upper

232 100

131 52.1 37.0 55.4

130 2.9 1.8 2.8#

166 32.5 25.4 38.0

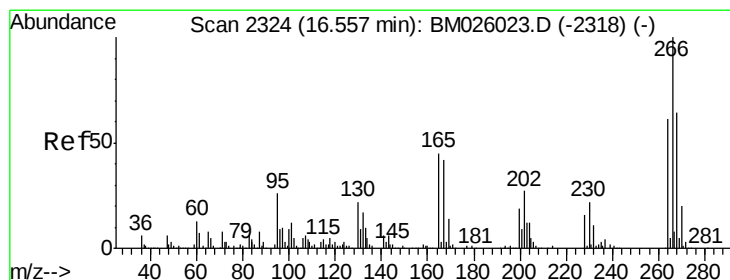
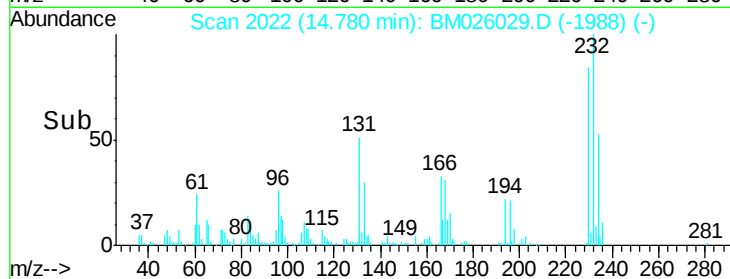
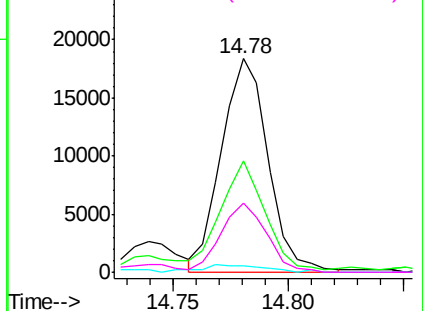


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#69

Pentachlorophenol

Concen: 71.63 ng/ul

RT: 16.56 min Scan# 2324

Delta R.T. 0.01 min

Lab File: BM026029.D

Acq: 19 May 2020 22:40

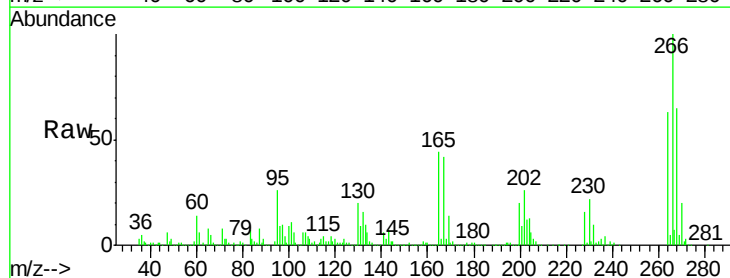
Tgt Ion:266 Resp: 435842

Ion Ratio Lower Upper

266 100

264 62.9 49.3 73.9

268 64.9 52.4 78.6



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

