

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM051920\  
 Data File : BM026020.D  
 Acq On : 19 May 2020 14:48  
 Operator : MA/SJ  
 Sample : L2681-04  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C5CA6

Quant Time: May 19 15:28:25 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  | 156434   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.26 | 136  | 641946   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.15 | 164  | 366120   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.89 | 188  | 782285   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.09 | 240  | 828000   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.22 | 264  | 866738   | 20.00 | ng/ul | 0.00     |

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| System Monitoring Compounds    |       |     |         |       |       |      |
| 3) 1,4-Dioxane-d8              | 3.08  | 96  | 27785   | 5.36  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.69  | 99  | 93029   | 6.56  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.85  | 67  | 288452  | 29.38 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.04  | 132 | 251434  | 22.64 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.21  | 113 | 175844  | 16.44 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.65  | 128 | 153796  | 29.39 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.36  | 143 | 157295  | 30.38 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.89  | 165 | 286091  | 27.52 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.41 | 131 | 19264   | 1.83  | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.57 | 166 | 982697  | 33.47 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.83 | 160 | 1125631 | 32.36 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.36 | 143 | 28248   | 5.43  | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.15 | 176 | 826245  | 32.35 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.27 | 200 | 137940  | 30.24 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.99 | 188 | 1283298 | 33.29 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.29 | 212 | 1463868 | 34.42 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.09 | 264 | 1582902 | 34.31 | ng/ul | 0.00 |

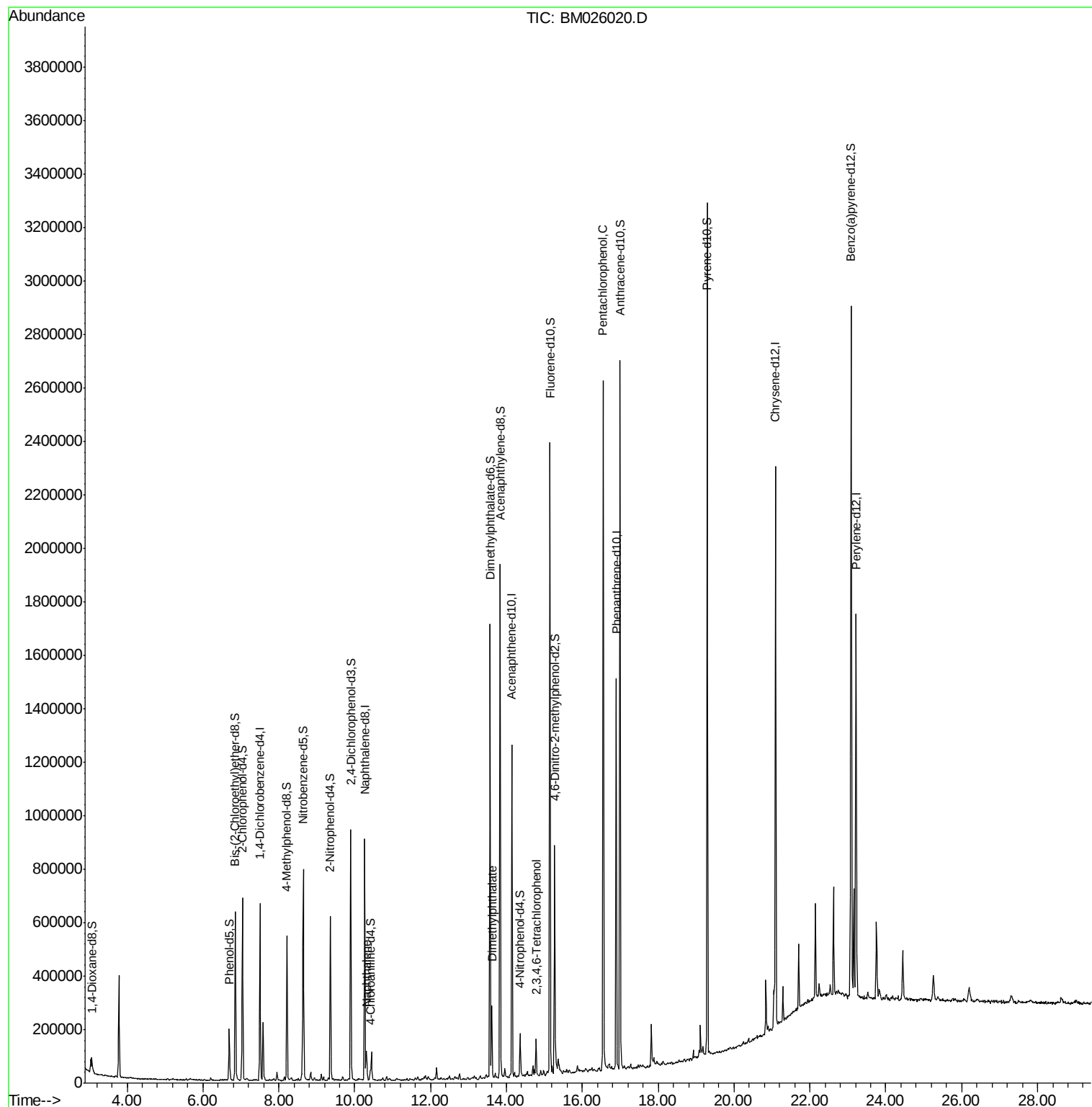
|                               |       |     |        |       |        |        |
|-------------------------------|-------|-----|--------|-------|--------|--------|
| Target Compounds              |       |     |        |       |        | Qvalue |
| 28) Naphthalene               | 10.32 | 128 | 79967  | 2.04  | ng/ul  | 99     |
| 45) Dimethylphthalate         | 13.62 | 163 | 153553 | 4.98  | ng/ul  | 98     |
| 56) 2,3,4,6-Tetrachlorophenol | 14.78 | 232 | 20645  | 2.91  | ng/ul# | 95     |
| 69) Pentachlorophenol         | 16.56 | 266 | 387574 | 68.70 | ng/ul  | 98     |

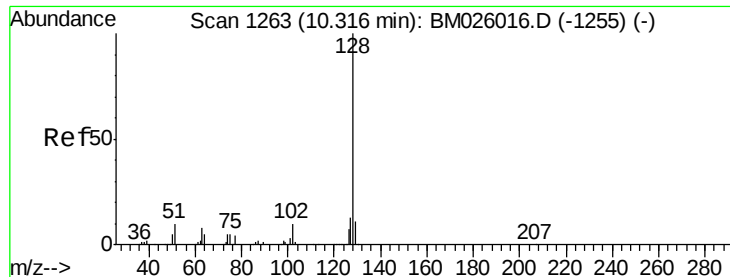
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 2.04 ng/ul

RT: 10.32 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BM026020.D

Acq: 19 May 2020 14:48

Instrument :

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ClientSampleId :

C5CA6

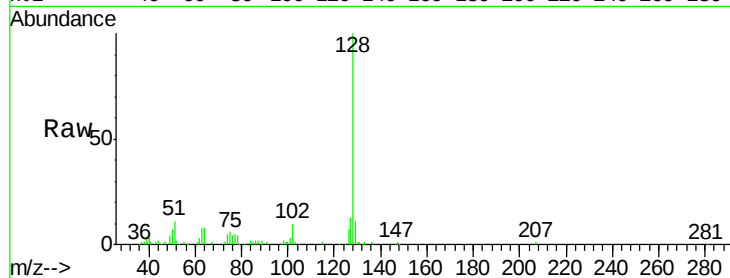
Tgt Ion:128 Resp: 79967

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.4

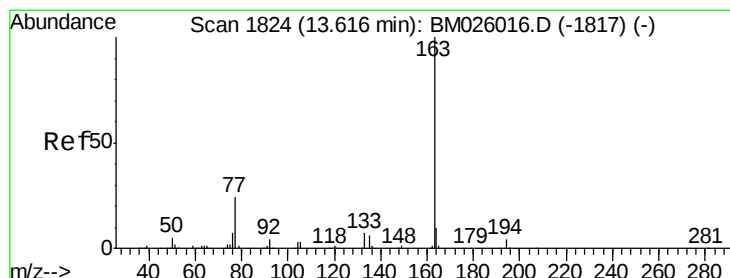
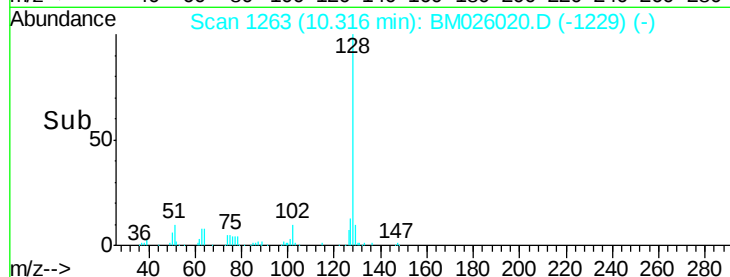
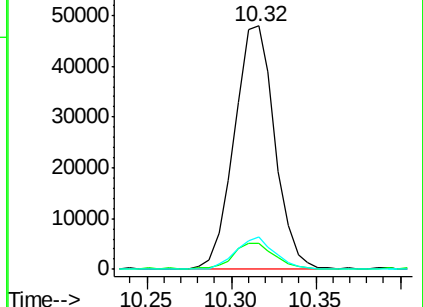
127 13.2 10.6 15.8



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: 4.98 ng/ul

RT: 13.62 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BM026020.D

Acq: 19 May 2020 14:48

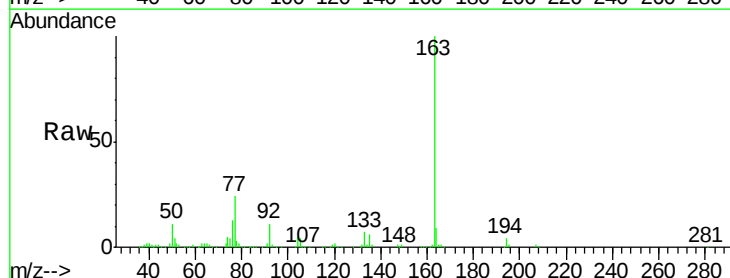
Tgt Ion:163 Resp: 153553

Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

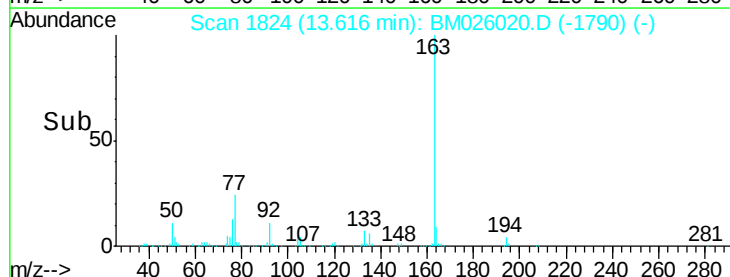
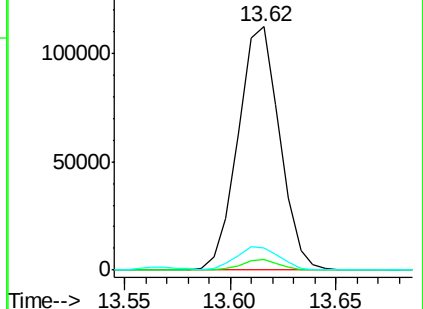
164 9.3 8.0 12.0

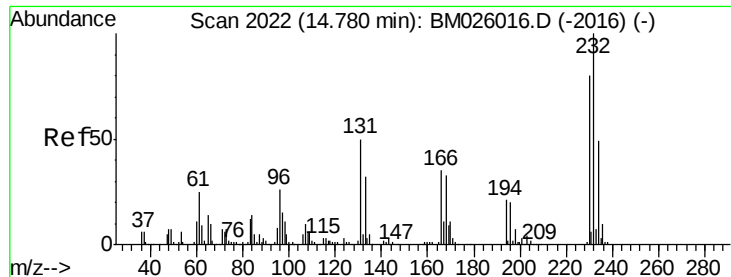


Abundance Ion 163.00 (162.70 to 163.70): E

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: 2.91 ng/ul

RT: 14.78 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BM026020.D

Acq: 19 May 2020 14:48

Instrument :

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ClientSampleId :

C5CA6

Tgt Ion:232 Resp: 20645

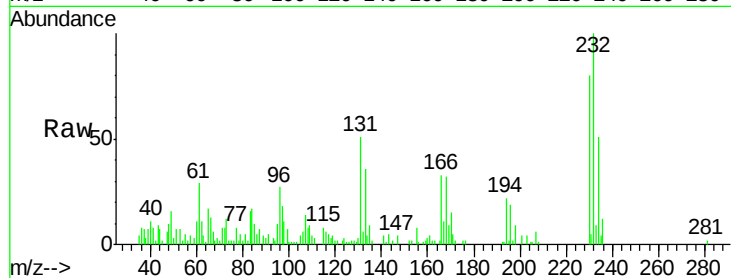
Ion Ratio Lower Upper

232 100

131 51.1 37.0 55.4

130 3.2 1.8 2.8#

166 33.3 25.4 38.0

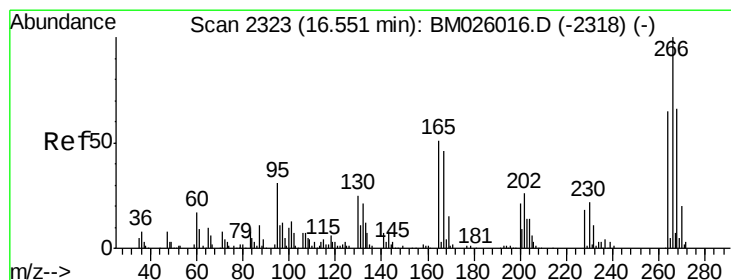
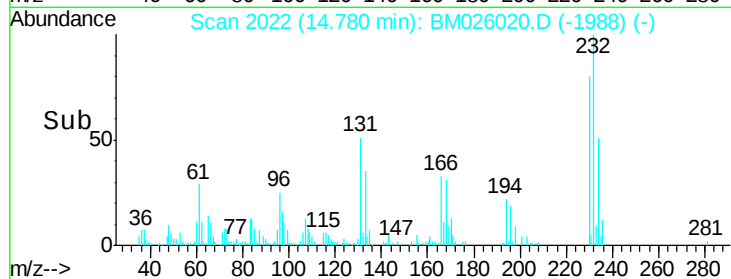
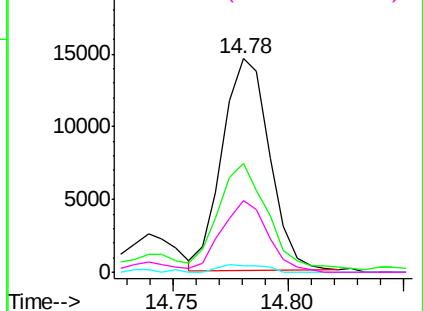


Abundance Ion 232.00 (231.70 to 232.70): E

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: 68.70 ng/ul

RT: 16.56 min Scan# 2324

Delta R.T. 0.01 min

Lab File: BM026020.D

Acq: 19 May 2020 14:48

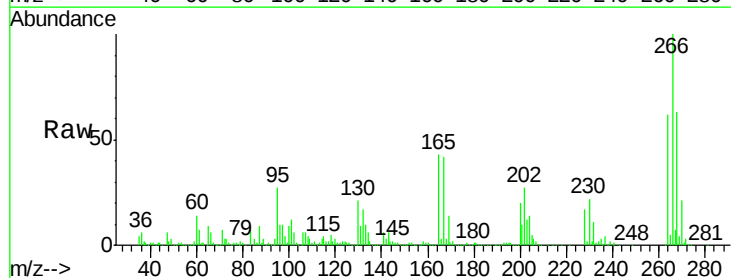
Tgt Ion:266 Resp: 387574

Ion Ratio Lower Upper

266 100

264 62.2 49.3 73.9

268 63.2 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

