

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062320\  
 Data File : BM026522.D  
 Acq On : 24 Jun 2020 05:19  
 Operator : JU/CG  
 Sample : L3027-11  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BG2L4

Quant Time: Jun 24 07:14:54 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM061220MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jun 24 00:41:03 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.38  | 152  | 135887   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.13 | 136  | 614183   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.04 | 164  | 397265   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.79 | 188  | 865244   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.00 | 240  | 893242   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.09 | 264  | 814509   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 2.97  | 96  | 15412   | 3.98  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.59  | 99  | 293849  | 23.47 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.73  | 67  | 192068  | 24.25 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.92  | 132 | 224818  | 22.03 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.10  | 113 | 249104  | 25.28 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.53  | 128 | 113338  | 20.77 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.24  | 143 | 128471  | 21.40 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.78  | 165 | 234970  | 21.26 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.29 | 131 | 299762  | 26.00 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.46 | 166 | 770757  | 23.07 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.72 | 160 | 867581  | 21.65 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.29 | 143 | 126247  | 22.79 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.04 | 176 | 635570  | 22.17 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.19 | 200 | 115477  | 20.39 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.89 | 188 | 1039532 | 23.60 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.20 | 212 | 1178400 | 24.06 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 22.96 | 264 | 1038718 | 23.06 | ng/ul | 0.00 |

## Target Compounds

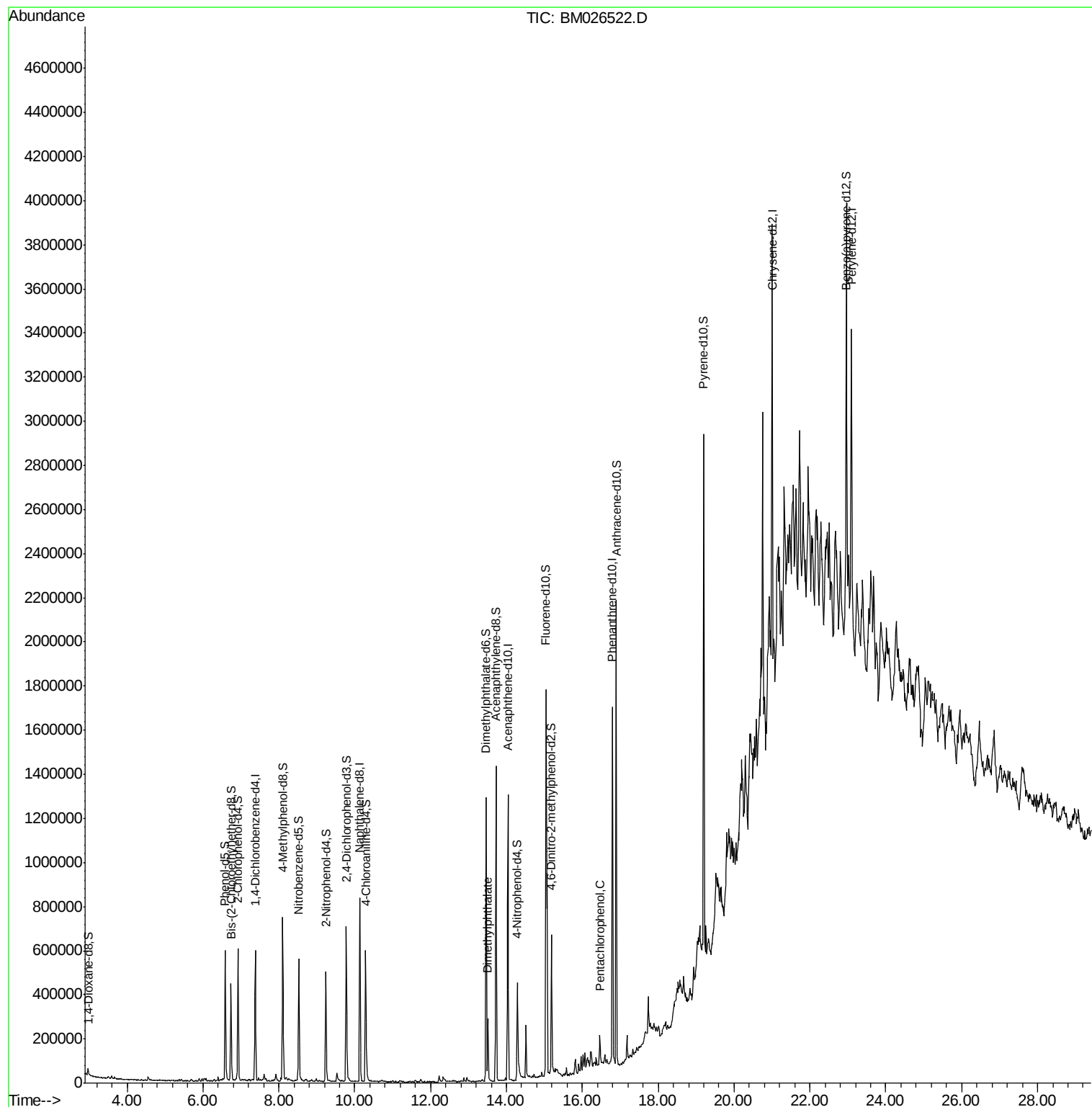
|                       |       |     |        |       | Ovalue   |
|-----------------------|-------|-----|--------|-------|----------|
| 45) Dimethylphthalate | 13.51 | 163 | 157907 | 4.552 | ng/ul 99 |
| 69) Pentachlorophenol | 16.46 | 266 | 24001  | 4.134 | ng/ul 95 |

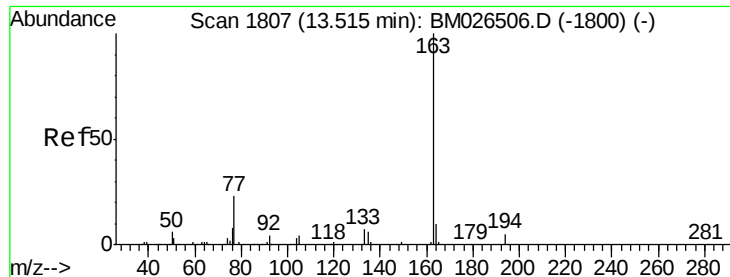
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 4.552 ng/ul

RT: 13.51 min Scan# 1806

Delta R.T. -0.01 min

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BNA\_M

ClientSampleId :

BG2L4

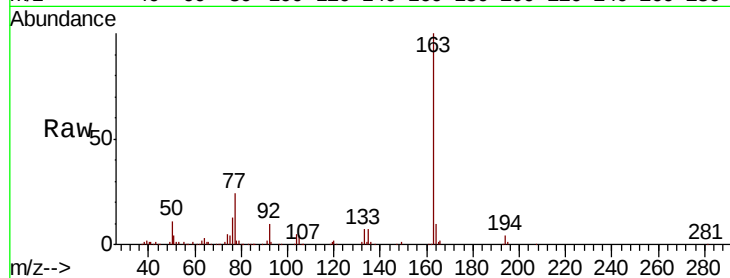
Tot Ion:163 Resp: 157907

Ion Ratio Lower Upper

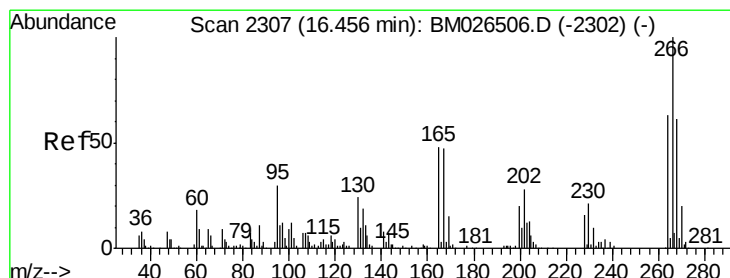
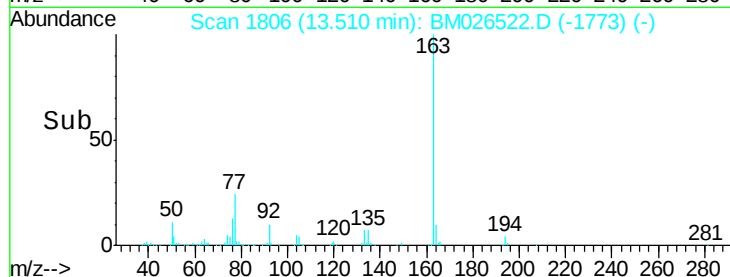
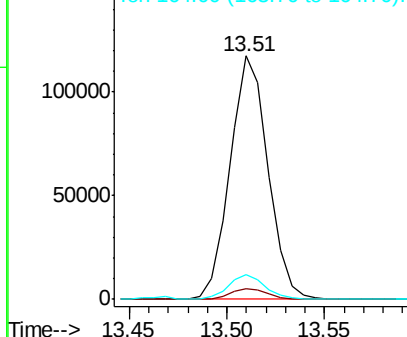
163 100

194 4.3 3.4 5.2

164 10.4 7.8 11.6



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



#69

Pentachlorophenol

Concen: 4.134 ng/ul

RT: 16.46 min Scan# 2308

Delta R.T. 0.01 min

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Acq: 24 Jun 2020 05:19

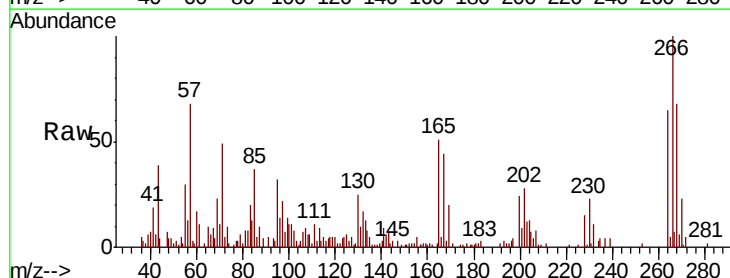
Tgt Ion:266 Resp: 24001

Ion Ratio Lower Upper

266 100

264 65.4 49.4 74.0

268 68.4 51.8 77.8



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

