

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\  
 Data File : BM014128.D  
 Acq On : 02 Feb 2018 23:57  
 Operator : SJ/JU  
 Sample : J1339-03  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 F6C93

Manual Integrations  
 APPROVED

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 2/5/2018 3:57:16 PM

Quant Time: Feb 05 11:23:02 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Feb 03 04:17:00 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.55  | 152  | 87522    | 20.00  | ng/ul  | 0.00     |
| 18) Naphthalene-d8             | 10.32 | 136  | 360045   | 20.00  | ng/ul  | 0.00     |
| 35) Acenaphthene-d10           | 14.21 | 164  | 224161   | 20.00  | ng/ul  | 0.00     |
| 61) Phenanthrene-d10           | 16.96 | 188  | 518710   | 20.00  | ng/ul  | 0.00     |
| 75) Chrysene-d12               | 21.17 | 240  | 619531   | 20.00  | ng/ul  | 0.00     |
| 83) Perylene-d12               | 23.35 | 264  | 652527   | 20.00  | ng/ul  | 0.00     |
| System Monitoring Compounds    |       |      |          |        |        |          |
| 3) 1,4-Dioxane-d8              | 3.12  | 96   | 4611     | 2.42   | ng/uL  | 0.00     |
| 5) Phenol-d5                   | 6.75  | 99   | 65335m   | 9.93   | ng/ul  | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.90  | 67   | 42931    | 10.82  | ng/ul  | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.09  | 132  | 57096    | 10.96  | ng/ul  | 0.00     |
| 13) 4-Methylphenol-d8          | 8.27  | 113  | 50586    | 9.18   | ng/ul  | 0.00     |
| 19) Nitrobenzene-d5            | 8.71  | 128  | 29480    | 11.34  | ng/ul  | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.43  | 143  | 29782    | 10.35  | ng/ul  | 0.01     |
| 26) 2,4-Dichlorophenol-d3      | 9.97  | 165  | 49549    | 8.19   | ng/ul  | 0.02     |
| 29) 4-Chloroaniline-d4         | 10.50 | 131  | 56170m   | 10.71  | ng/ul  | 0.02     |
| 43) Dimethylphthalate-d6       | 13.63 | 166  | 209281   | 11.25  | ng/ul  | 0.00     |
| 46) Acenaphthylene-d8          | 13.90 | 160  | 251695   | 11.15  | ng/ul  | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.49 | 143  | 12987m   | 5.07   | ng/ul  | 0.04     |
| 57) Fluorene-d10               | 15.21 | 176  | 186759   | 11.22  | ng/ul  | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.37 | 200  | 19132    | 6.01   | ng/ul  | 0.01     |
| 70) Anthracene-d10             | 17.06 | 188  | 286907m  | 11.39  | ng/ul  | 0.00     |
| 76) Pyrene-d10                 | 19.37 | 212  | 340340   | 11.41  | ng/ul  | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.21 | 264  | 374833   | 11.70  | ng/ul  | 0.00     |
| Target Compounds               |       |      |          |        |        |          |
| 44) Dimethylphthalate          | 13.68 | 163  | 38276    | 2.134  | ng/ul# | 97       |
| 56) Diethylphthalate           | 15.05 | 149  | 255073   | 13.559 | ng/ul  | 95       |
| 68) Pentachlorophenol          | 16.64 | 266  | 9125     | 2.687  | ng/ul  | 89       |

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

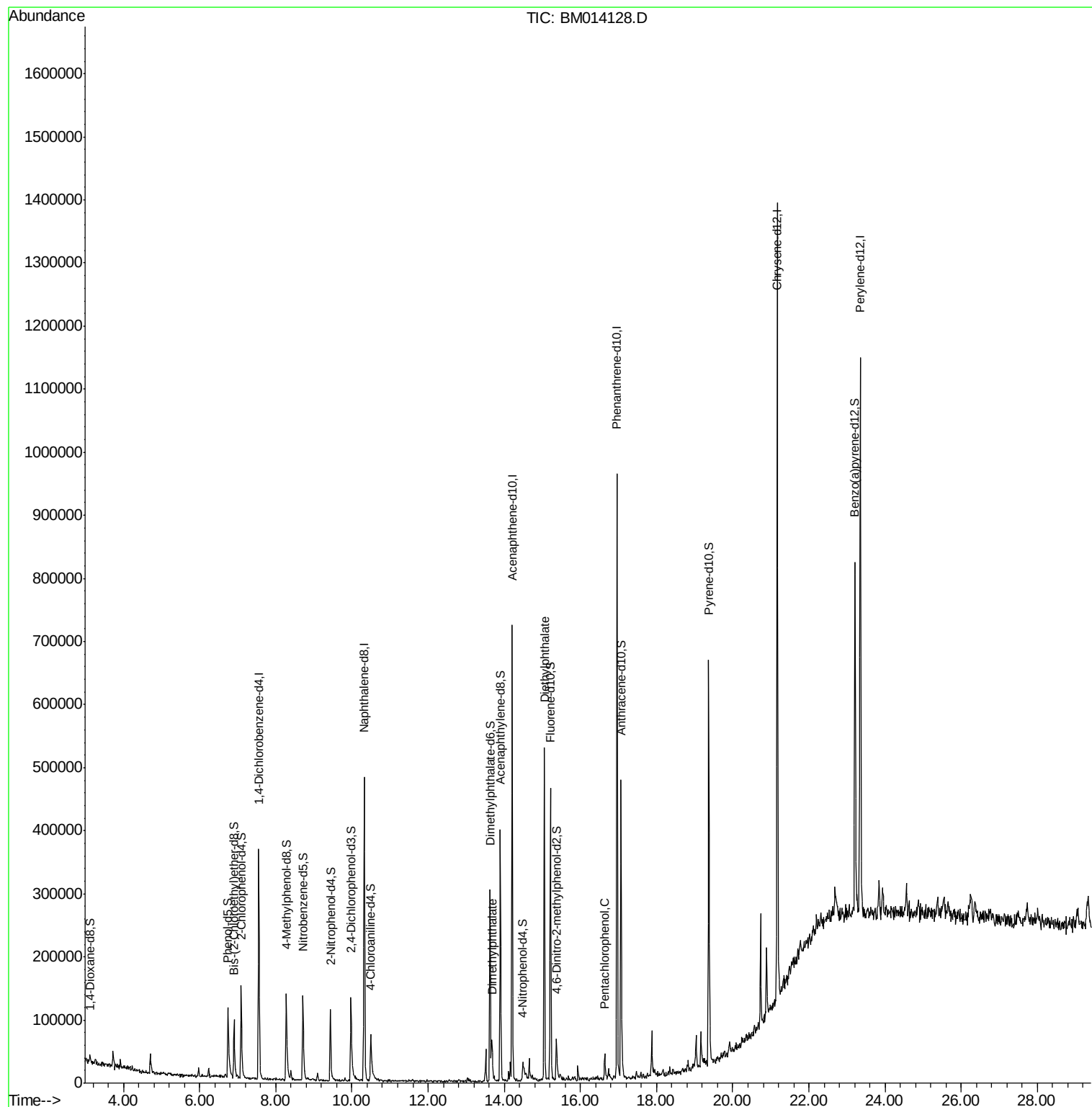
Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\  
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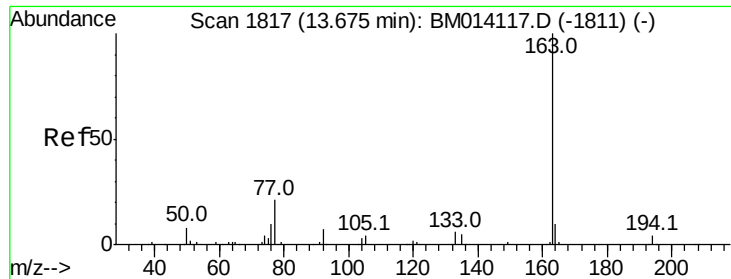
Instrument :  
BNA\_M  
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Quant Time: Feb 05 11:23:02 2018  
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Feb 03 04:17:00 2018  
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#44

Dimethylphthalate

Concen: 2.134 ng/ul

RT: 13.68 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BM014128.D

Acq: 02 Feb 2018 23:57

Instrument :

BNA\_M

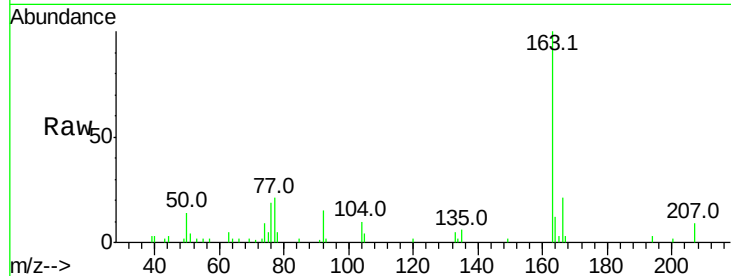
ClientSampleId :

F6C93

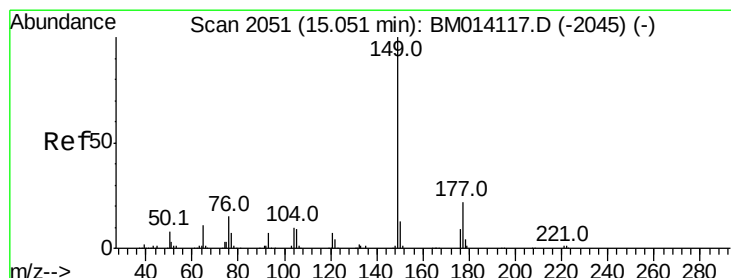
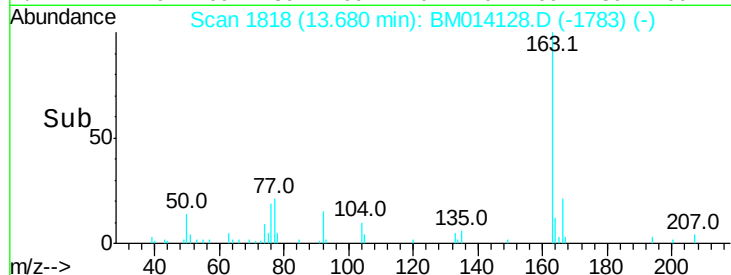
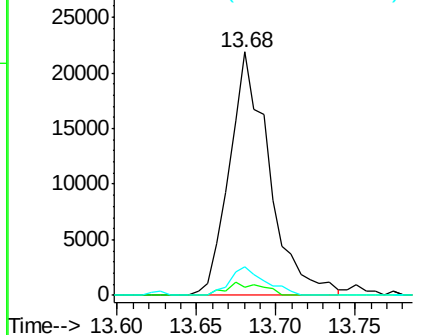
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 163   | Resp: | 38276 |
| Ion Ratio | Lower | Upper |       |
| 163       | 100   |       |       |
| 194       | 3.5   | 3.5   | 5.3#  |
| 164       | 11.6  | 8.2   | 12.4  |

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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

Diethylphthalate

Concen: 13.559 ng/ul

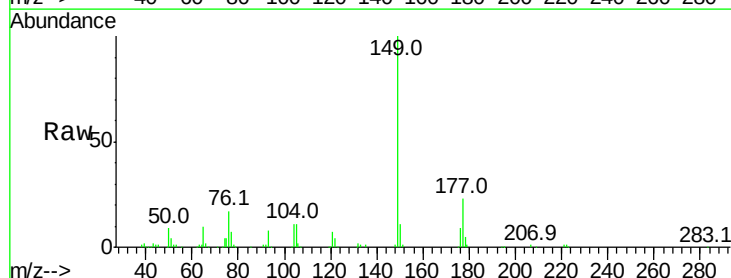
RT: 15.05 min Scan# 2051

Delta R.T. -0.00 min

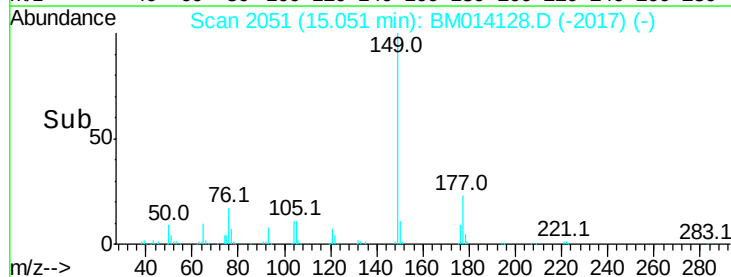
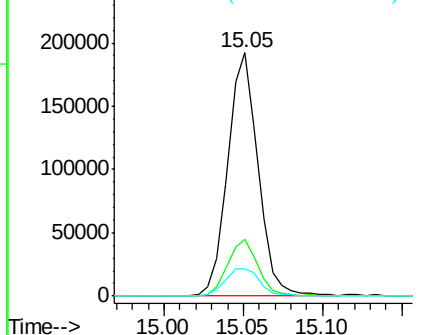
Lab File: BM014128.D

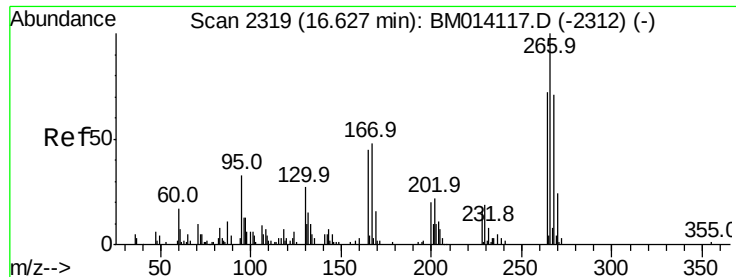
Acq: 02 Feb 2018 23:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 255073 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 23.2  | 20.5  | 30.7   |
| 150       | 11.5  | 10.6  | 15.8   |



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E





#68  
 Pentachlorophenol  
 Concen: 2.687 ng/ul  
 RT: 16.64 min Scan# 2321  
 Delta R.T. 0.02 min  
 Lab File: BM014128.D  
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| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 266     | 100   |            |            |
| 264     | 73.0  | 49.3       | 73.9       |
| 268     | 59.7  | 52.6       | 78.8       |

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