

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_M\DATA\BM011818\  
 Data File : BM013653.D  
 Acq On : 18 Jan 2018 22:25  
 Operator : SJ/JU  
 Sample : J1097-21  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DAJQ3

Manual Integrations  
 APPROVED

Sohil  
 1/19/2018 9:50:05 AM

Quant Time: Jan 19 04:03:50 2018  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM011018.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Jan 19 02:57:39 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.62  | 152  | 117686   | 20.00 | ng/ul  | 0.00     |
| 18) Naphthalene-d8             | 10.39 | 136  | 465533   | 20.00 | ng/ul  | 0.00     |
| 35) Acenaphthene-d10           | 14.26 | 164  | 266530   | 20.00 | ng/ul  | 0.00     |
| 61) Phenanthrene-d10           | 17.02 | 188  | 598573   | 20.00 | ng/ul  | 0.00     |
| 75) Chrysene-d12               | 21.22 | 240  | 762099   | 20.00 | ng/ul  | 0.00     |
| 83) Perylene-d12               | 23.41 | 264  | 786188   | 20.00 | ng/ul  | 0.00     |
| System Monitoring Compounds    |       |      |          |       |        |          |
| 3) 1,4-Dioxane-d8              | 3.16  | 96   | 10120m   | 3.40  | ng/uL  | 0.00     |
| 5) Phenol-d5                   | 6.80  | 99   | 18725    | 2.07  | ng/ul  | 0.00     |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.96  | 67   | 115211   | 21.05 | ng/ul  | 0.00     |
| 9) 2-Chlorophenol-d4           | 7.15  | 132  | 43396    | 5.90  | ng/ul  | 0.00     |
| 13) 4-Methylphenol-d8          | 8.33  | 113  | 69966    | 10.07 | ng/ul  | 0.00     |
| 19) Nitrobenzene-d5            | 8.77  | 128  | 80137    | 22.18 | ng/ul  | 0.00     |
| 22) 2-Nitrophenol-d4           | 9.49  | 143  | 83951    | 21.99 | ng/ul  | 0.00     |
| 26) 2,4-Dichlorophenol-d3      | 10.03 | 165  | 24104m   | 3.27  | ng/ul  | 0.00     |
| 29) 4-Chloroaniline-d4         | 10.55 | 131  | 79216    | 12.38 | ng/ul  | 0.00     |
| 43) Dimethylphthalate-d6       | 13.68 | 166  | 503297   | 22.91 | ng/ul  | 0.00     |
| 46) Acenaphthylene-d8          | 13.96 | 160  | 66430    | 2.37  | ng/ul  | 0.00     |
| 51) 4-Nitrophenol-d4           | 14.50 | 143  | 29045    | 8.14  | ng/ul  | 0.01     |
| 57) Fluorene-d10               | 15.26 | 176  | 372769   | 19.30 | ng/ul  | 0.00     |
| 62) 4,6-Dinitro-2-methylphenol | 15.40 | 200  | 48374    | 13.43 | ng/ul  | 0.00     |
| 70) Anthracene-d10             | 17.12 | 188  | 89730    | 3.08  | ng/ul  | 0.00     |
| 76) Pyrene-d10                 | 19.42 | 212  | 28190    | 0.79  | ng/ul  | 0.00     |
| 87) Benzo(a)pyrene-d12         | 23.28 | 264  | 19298    | 0.53  | ng/ul  | 0.00     |
| Target Compounds               |       |      |          |       |        |          |
| 44) Dimethylphthalate          | 13.73 | 163  | 141447   | 6.549 | ng/ul# | 96       |
| 68) Pentachlorophenol          | 16.69 | 266  | 13198m   | 3.264 | ng/ul  |          |

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

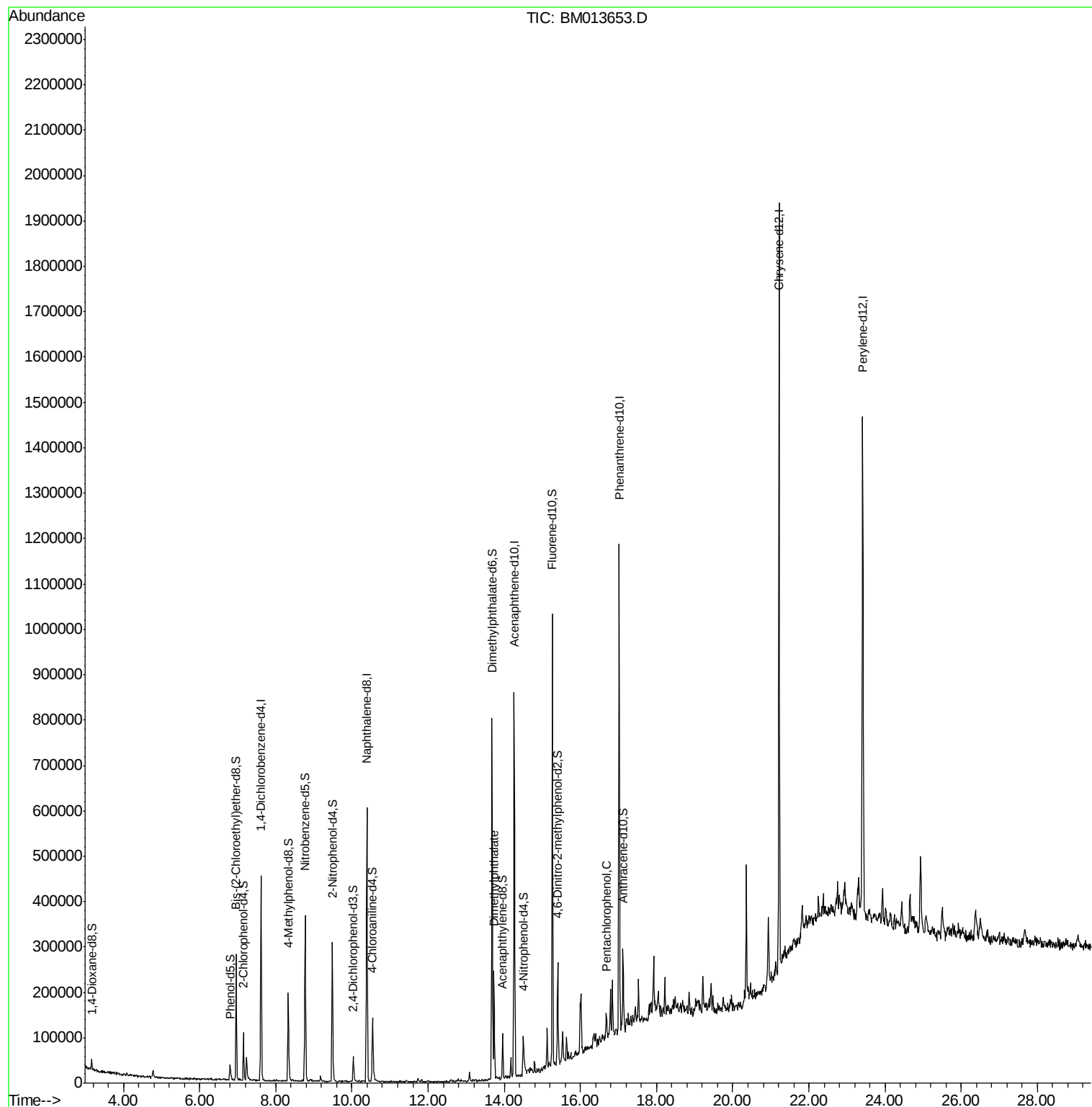
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA\_M\DATA\BM011818\  
Data File : BM013653.D  
Acq On : 18 Jan 2018 22:25  
Operator : SJ/JU  
Sample : J1097-21  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

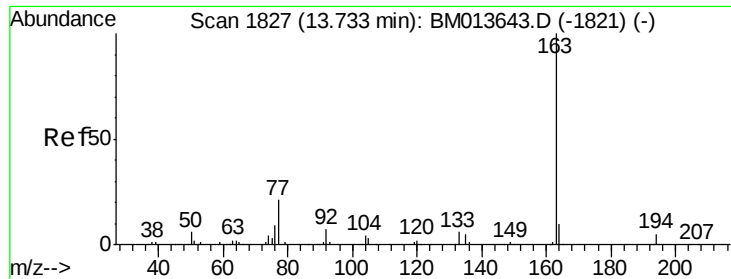
Instrument :  
BNA\_M  
ClientSampleId :  
DAJQ3

Quant Time: Jan 19 04:03:50 2018  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM011018.M  
Quant Title : SVOA CALIBRATION  
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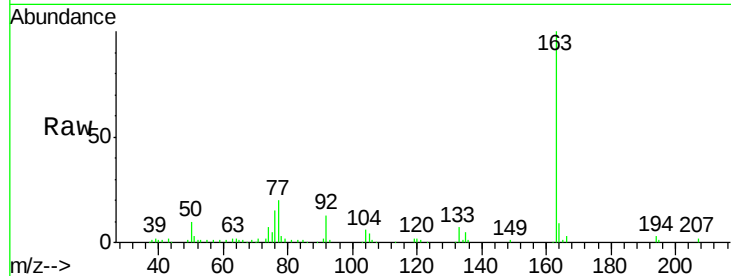
#44  
Dimethylphthalate  
Concen: 6.549 ng/ul  
RT: 13.73 min Scan# 1826  
Delta R.T. -0.01 min  
Lab File: BM013653.D  
Acq: 18 Jan 2018 22:25

Instrument :  
BNA\_M  
ClientSampleId :  
DAJQ3

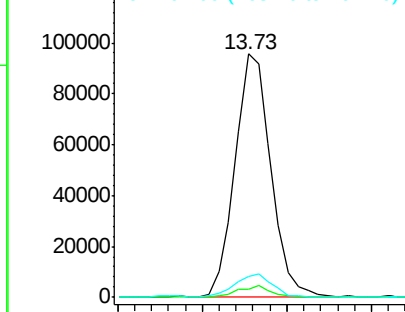
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.1   | 3.5   | 5.3#  |
| 164     | 8.8   | 8.2   | 12.4  |

Manual Integrations  
APPROVED

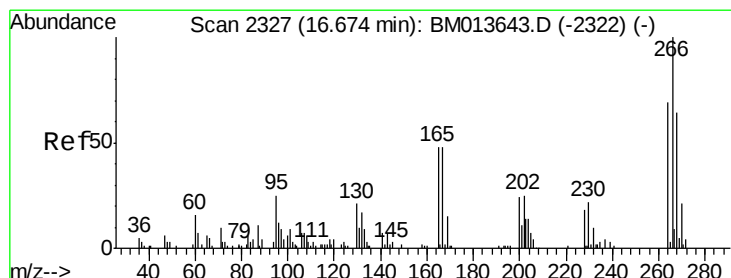
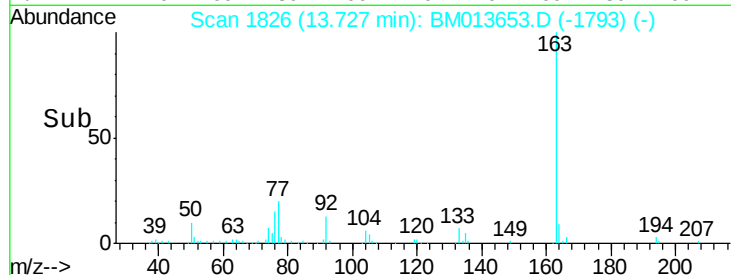
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1/19/2018 9:50:05 AM



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

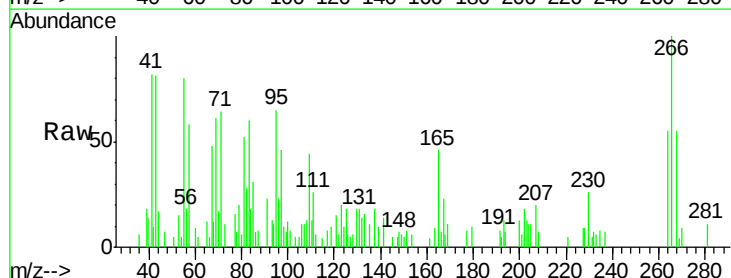


Time--> 13.65 13.70 13.75 13.80

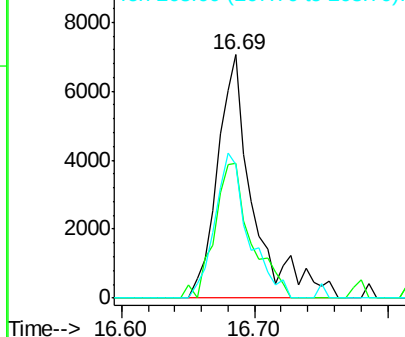


#68  
Pentachlorophenol  
Concen: 3.264 ng/ul m  
RT: 16.69 min Scan# 2329  
Delta R.T. 0.01 min  
Lab File: BM013653.D  
Acq: 18 Jan 2018 22:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 55.2  | 49.3  | 73.9  |
| 268     | 55.0  | 52.6  | 78.8  |



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



Time--> 16.60 16.70

