

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\  
 Data File : BM024227.D  
 Acq On : 23 Dec 2019 21:59  
 Operator : JU  
 Sample : K6200-10  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BFF27

Manual Integrations  
 APPROVED

mohammad  
 12/24/2019 2:58:07 PM

Quant Time: Dec 24 04:16:00 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121719MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Dec 24 03:29:49 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.43  | 152  | 238334   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.20 | 136  | 1023138  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.09 | 164  | 631998   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.85 | 188  | 1354835  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.07 | 240  | 1293946  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.20 | 264  | 1545907  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.00  | 96  | 27551   | 5.11  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.63  | 99  | 127739  | 5.66  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.79  | 67  | 300424  | 22.20 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.97  | 132 | 291968  | 18.14 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.16  | 113 | 206382  | 11.19 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.59  | 128 | 158595  | 21.57 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.30  | 143 | 169548  | 20.97 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.85  | 165 | 306235  | 19.49 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.39 | 131 | 14326m  | 0.75  | ng/ul | 0.04 |
| 44) Dimethylphthalate-d6       | 13.52 | 166 | 1150175 | 24.61 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.78 | 160 | 1321492 | 23.60 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.37 | 143 | 29892m  | 3.56  | ng/ul | 0.04 |
| 58) Fluorene-d10               | 15.10 | 176 | 1042318 | 25.44 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.25 | 200 | 140555  | 17.01 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.95 | 188 | 1571261 | 25.49 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.26 | 212 | 1740722 | 28.24 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.06 | 264 | 2022912 | 26.34 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |       |             | Ovalue |
|--------------------------------|-------|-----|-------|-------------|--------|
| 45) Dimethylphthalate          | 13.57 | 163 | 80632 | 1.660 ng/ul | 98     |
| 84) Bis(2-ethylhexyl)phthalate | 21.01 | 149 | 99035 | 1.997 ng/ul | 93     |

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

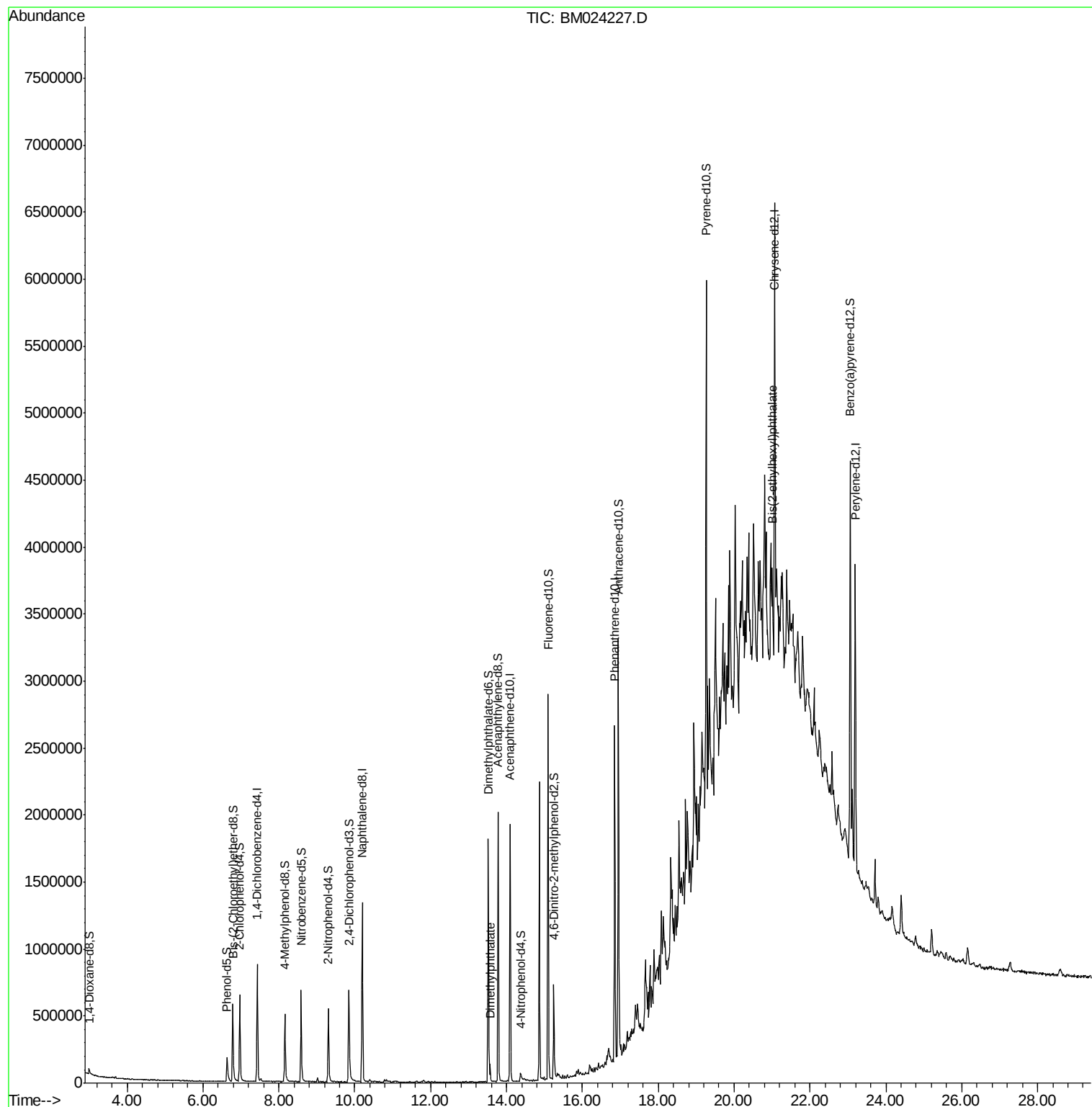
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\  
Data File : BM024227.D  
Acq On : 23 Dec 2019 21:59  
Operator : JU  
Sample : K6200-10  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

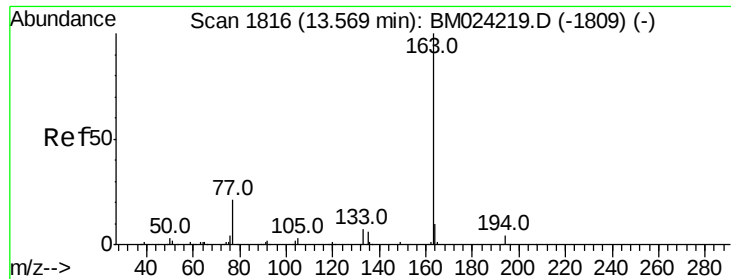
Instrument :  
BNA\_M  
ClientSampleId :  
BFF27

Manual Integrations  
APPROVED

mohammad  
12/24/2019 2:58:07 PM

Quant Time: Dec 24 04:16:00 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM121719MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Dec 24 03:29:49 2019  
Response via : Initial Calibration





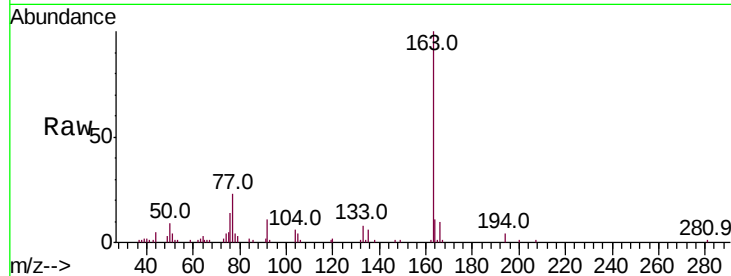
#45  
 Dimethylphthalate  
 Concen: 1.660 ng/ul  
 RT: 13.57 min Scan# 1816  
 Delta R.T. -0.00 min  
 Lab File: BM024227.D  
 Acq: 23 Dec 2019 21:59

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BFF27

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.4   | 3.2   | 4.8   |
| 164     | 10.5  | 7.8   | 11.6  |

Manual Integrations  
 APPROVED

mohammad  
 12/24/2019 2:58:07 PM

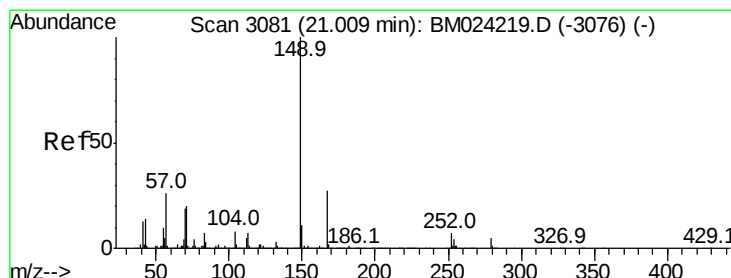
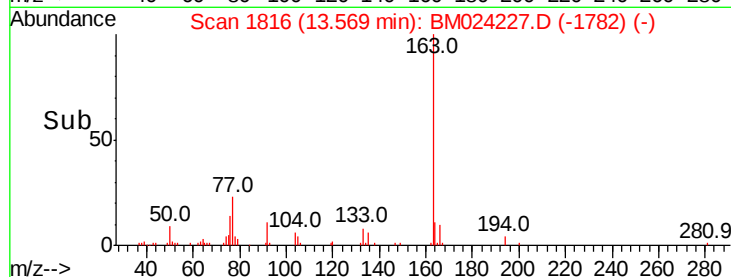
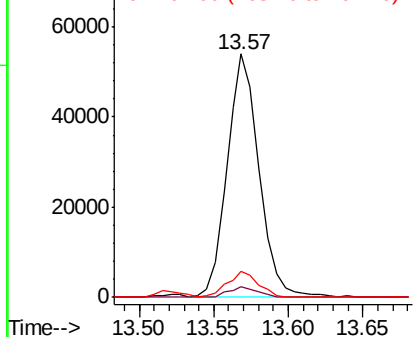


Abundance

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



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 1.997 ng/ul  
 RT: 21.01 min Scan# 3081  
 Delta R.T. -0.00 min  
 Lab File: BM024227.D  
 Acq: 23 Dec 2019 21:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 30.7  | 21.3  | 31.9  |
| 279     | 5.4   | 3.7   | 5.5   |

Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

