

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN030119\  
 Data File : BN004580.D  
 Acq On : 01 Mar 2019 16:48  
 Operator : JU/SJ  
 Sample : K1601-09  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BF7Y3

Quant Time: Mar 02 03:58:08 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020719MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Mar 02 03:55:03 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.73  | 152  | 33924    | 20.00 | ng/ul | -0.02    |
| 18) Naphthalene-d8        | 10.52 | 136  | 166667   | 20.00 | ng/ul | -0.02    |
| 36) Acenaphthene-d10      | 14.37 | 164  | 104343   | 20.00 | ng/ul | -0.02    |
| 62) Phenanthrene-d10      | 17.12 | 188  | 249467   | 20.00 | ng/ul | -0.01    |
| 78) Chrysene-d12          | 21.32 | 240  | 311724   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.59 | 264  | 336085   | 20.00 | ng/ul | -0.01    |

| System Monitoring Compounds    | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 3) 1,4-Dioxane-d8              | 3.23  | 96   | 2612     | 4.63  | ng/uL | -0.01    |
| 5) Phenol-d5                   | 6.89  | 99   | 31424    | 10.39 | ng/ul | -0.01    |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.07  | 67   | 21761    | 14.34 | ng/ul | -0.02    |
| 9) 2-Chlorophenol-d4           | 7.26  | 132  | 30780    | 12.55 | ng/ul | -0.01    |
| 13) 4-Methylphenol-d8          | 8.43  | 113  | 26151    | 10.06 | ng/ul | -0.01    |
| 19) Nitrobenzene-d5            | 8.89  | 128  | 17038    | 15.44 | ng/ul | -0.01    |
| 22) 2-Nitrophenol-d4           | 9.60  | 143  | 18679    | 16.22 | ng/ul | -0.02    |
| 26) 2,4-Dichlorophenol-d3      | 10.13 | 165  | 32825    | 12.57 | ng/ul | -0.01    |
| 29) 4-Chloroaniline-d4         | 10.66 | 131  | 41309    | 14.30 | ng/ul | -0.02    |
| 44) Dimethylphthalate-d6       | 13.78 | 166  | 130156   | 14.71 | ng/ul | -0.02    |
| 47) Acenaphthylene-d8          | 14.06 | 160  | 133818   | 12.77 | ng/ul | -0.02    |
| 52) 4-Nitrophenol-d4           | 14.57 | 143  | 17175    | 10.14 | ng/ul | -0.01    |
| 58) Fluorene-d10               | 15.36 | 176  | 108416   | 13.92 | ng/ul | -0.02    |
| 63) 4,6-Dinitro-2-methylphenol | 15.49 | 200  | 15280    | 10.50 | ng/ul | -0.01    |
| 71) Anthracene-d10             | 17.22 | 188  | 158165   | 13.23 | ng/ul | -0.02    |
| 79) Pyrene-d10                 | 19.52 | 212  | 176283   | 12.62 | ng/ul | -0.01    |
| 90) Benzo(a)pyrene-d12         | 23.44 | 264  | 205654   | 11.66 | ng/ul | -0.02    |

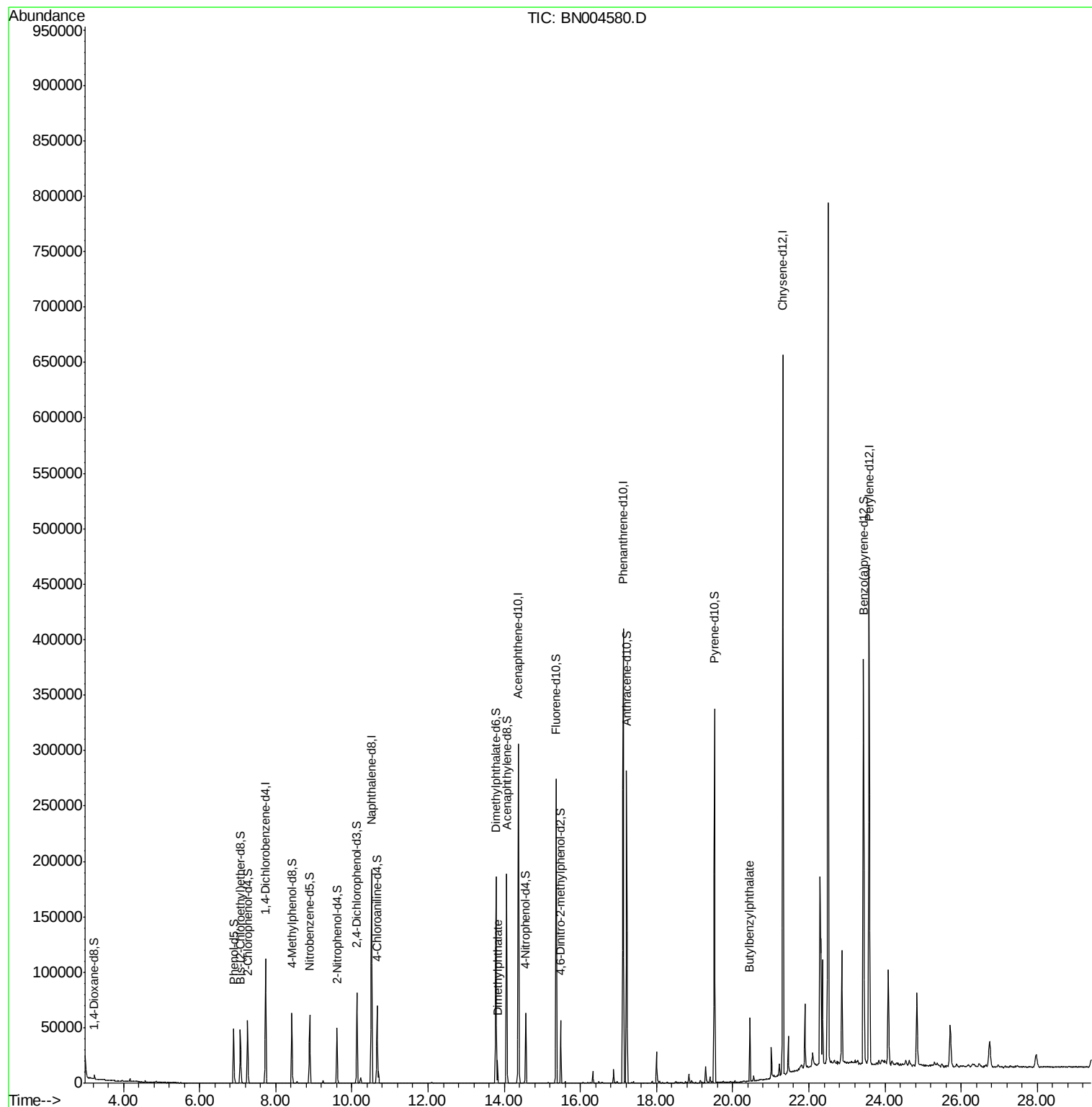
| Target Compounds         | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------|-------|------|----------|-------|-------|--------|
| 45) Dimethylphthalate    | 13.83 | 163  | 15919    | 1.820 | ng/ul | 99     |
| 81) Butylbenzylphthalate | 20.45 | 149  | 17423    | 2.941 | ng/ul | 98     |

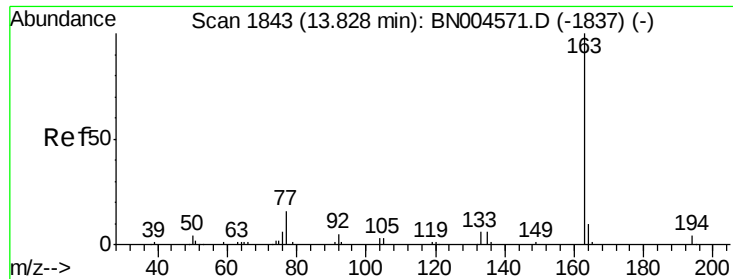
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
QLast Update : Sat Mar 02 03:55:03 2019  
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#45

Dimethylphthalate

Concen: 1.820 ng/ul

RT: 13.83 min Scan# 1843

Delta R.T. -0.02 min

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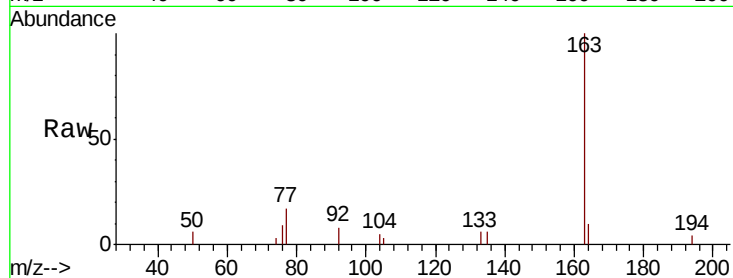
Tgt Ion:163 Resp: 15919

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

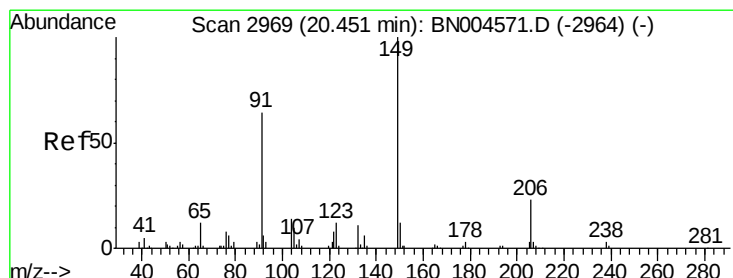
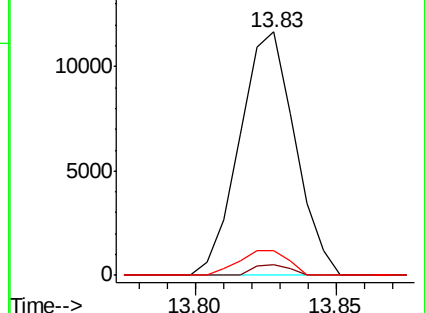
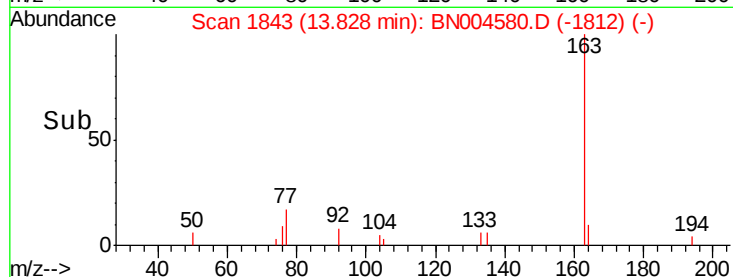
164 10.2 7.9 11.9



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



#81

Butylbenzylphthalate

Concen: 2.941 ng/ul

RT: 20.45 min Scan# 2969

Delta R.T. -0.01 min

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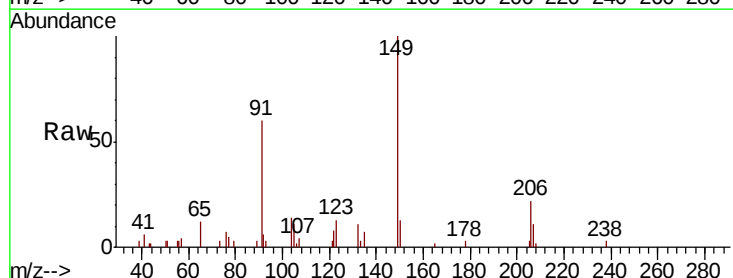
Tgt Ion:149 Resp: 17423

Ion Ratio Lower Upper

149 100

91 60.1 49.8 74.6

206 22.1 18.2 27.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E

