

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN042219\  
 Data File : BN005184.D  
 Acq On : 22 Apr 2019 21:00  
 Operator : JU/SJ  
 Sample : K2402-17  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GAHJ7

Quant Time: Apr 23 03:42:45 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN041919MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Apr 19 04:25:06 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.60  | 152  | 415985   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.36 | 136  | 1828634  | 20.00 | ng/ul | -0.01    |
| 35) Acenaphthene-d10      | 14.23 | 164  | 1092378  | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.99 | 188  | 2374430  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.21 | 240  | 2143365  | 20.00 | ng/ul | 0.01     |
| 85) Perylene-d12          | 23.41 | 264  | 2361984  | 20.00 | ng/ul | 0.02     |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.22  | 96  | 77022   | 8.94  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.78  | 99  | 907883  | 27.79 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.95  | 67  | 569614  | 27.95 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.13  | 132 | 702314  | 28.09 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.29  | 113 | 744251  | 29.14 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5            | 8.74  | 128 | 344736  | 30.63 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.45  | 143 | 379991  | 33.30 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.98  | 165 | 735392  | 28.12 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.50 | 131 | 976609  | 36.21 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.65 | 166 | 2409665 | 30.39 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 13.92 | 160 | 2907318 | 29.85 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.43 | 143 | 360833  | 28.82 | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.23 | 176 | 2001325 | 30.07 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.35 | 200 | 278169  | 26.05 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.08 | 188 | 3017250 | 30.31 | ng/ul | 0.00  |
| 78) Pyrene-d10                 | 19.39 | 212 | 3201962 | 29.20 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 23.27 | 264 | 3242951 | 31.42 | ng/ul | 0.03  |

## Target Compounds

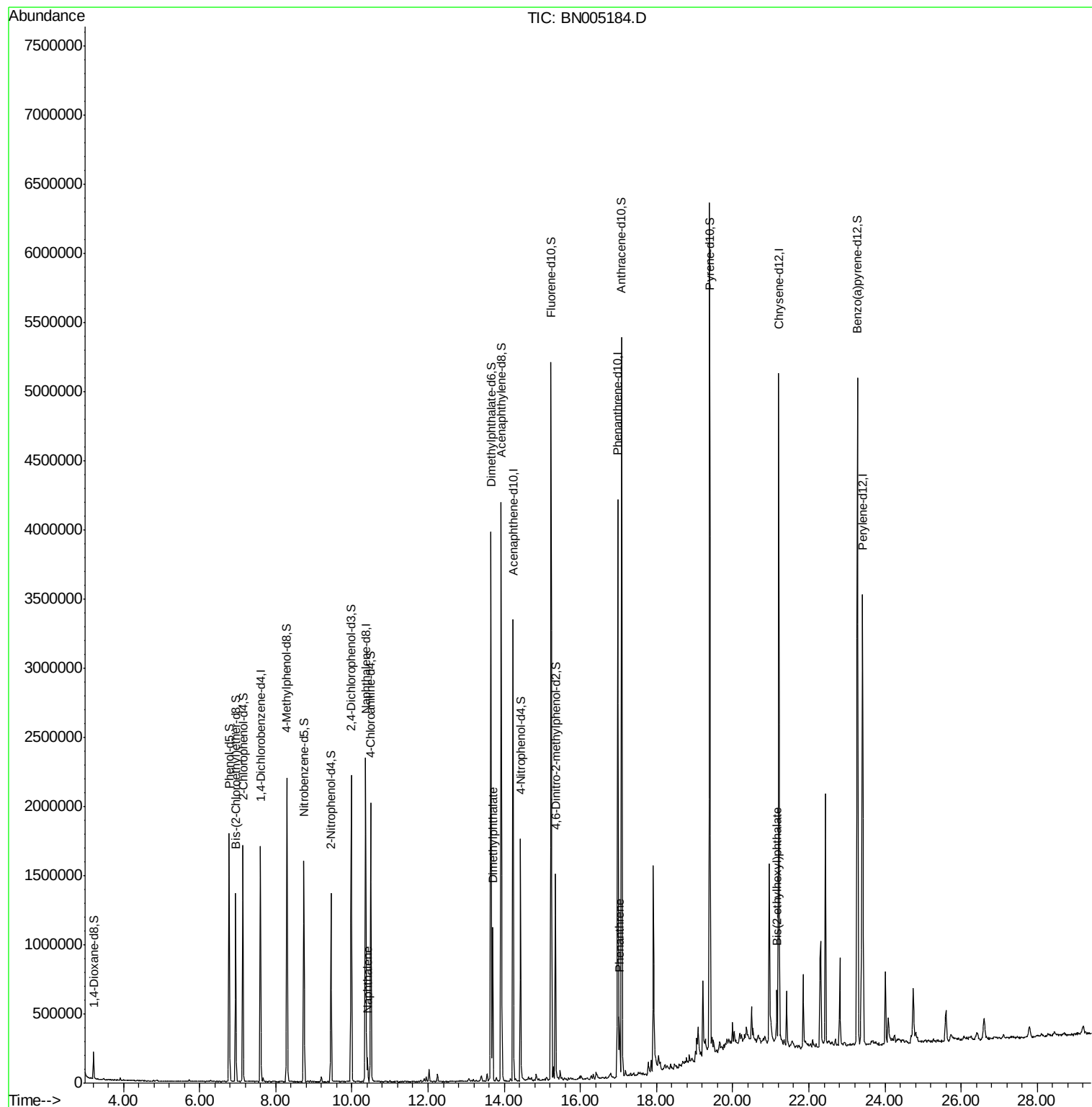
|                                |       |     |        |             | Qvalue |
|--------------------------------|-------|-----|--------|-------------|--------|
| 28) Naphthalene                | 10.41 | 128 | 130194 | 1.532 ng/ul | 97     |
| 44) Dimethylphthalate          | 13.70 | 163 | 682425 | 8.637 ng/ul | 99     |
| 69) Phenanthrene               | 17.02 | 178 | 251518 | 2.175 ng/ul | 98     |
| 83) Bis(2-ethylhexyl)phthalate | 21.16 | 149 | 136679 | 1.625 ng/ul | 98     |

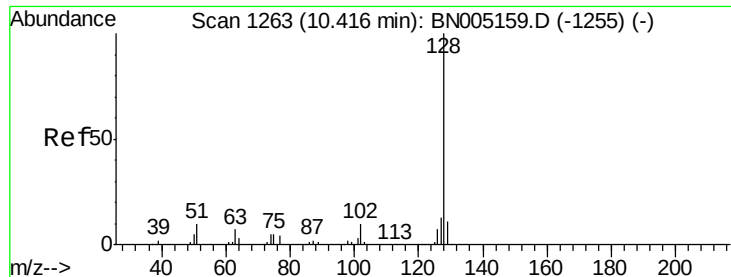
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 19 04:25:06 2019  
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#28

Naphthalene

Concen: 1.532 ng/ul

RT: 10.41 min Scan# 1262

Delta R.T. -0.01 min

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Acq: 22 Apr 2019 21:00

Instrument :

BNA\_N

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GAHJ7

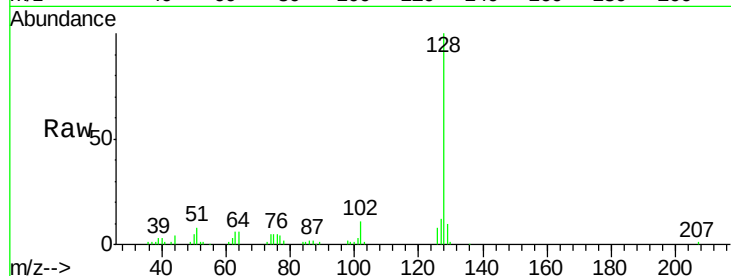
Tgt Ion:128 Resp: 130194

Ion Ratio Lower Upper

128 100

129 10.5 9.2 13.8

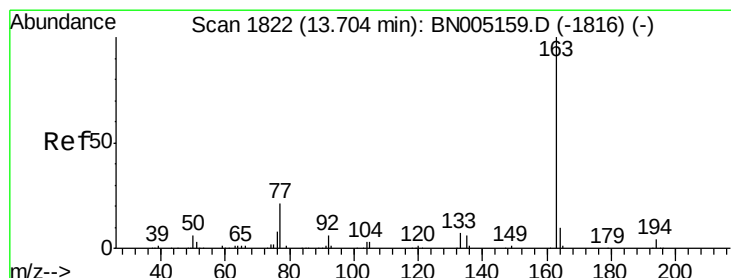
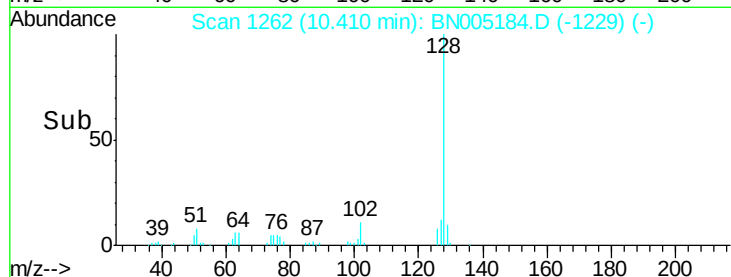
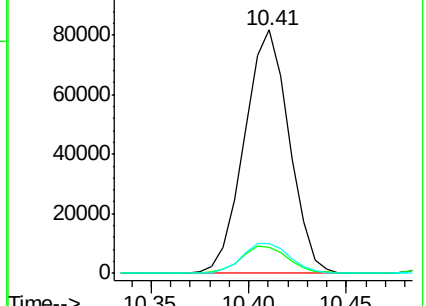
127 12.3 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#44

Dimethylphthalate

Concen: 8.637 ng/ul

RT: 13.70 min Scan# 1821

Delta R.T. -0.01 min

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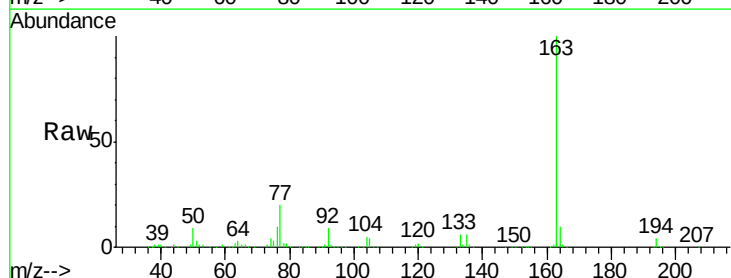
Tgt Ion:163 Resp: 682425

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

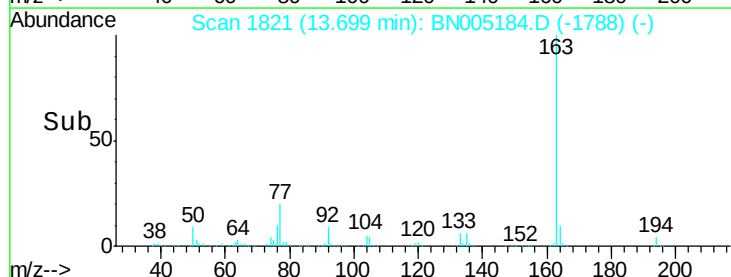
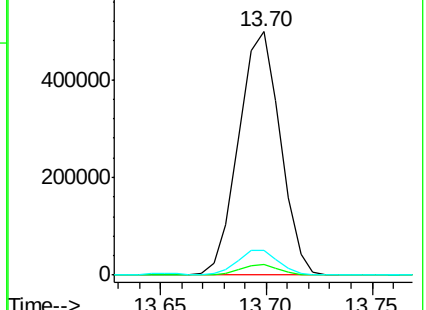
164 10.4 8.1 12.1

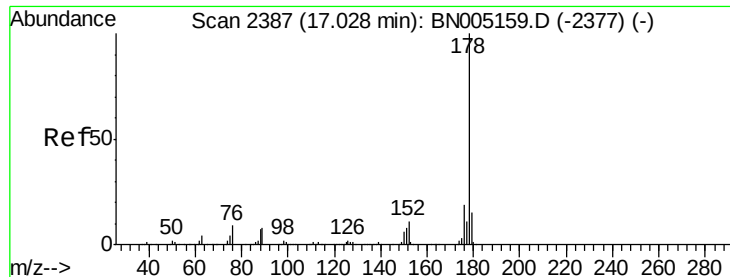


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 2.175 ng/ul

RT: 17.02 min Scan# 2386

Delta R.T. -0.01 min

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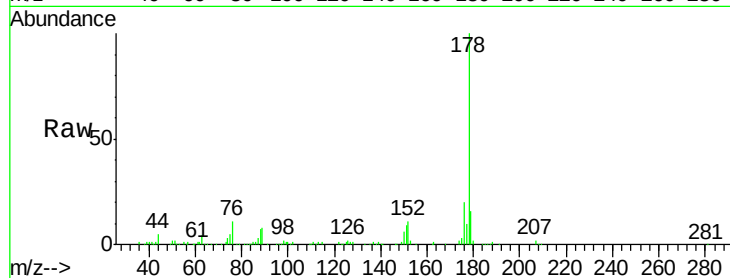
Tgt Ion:178 Resp: 251518

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

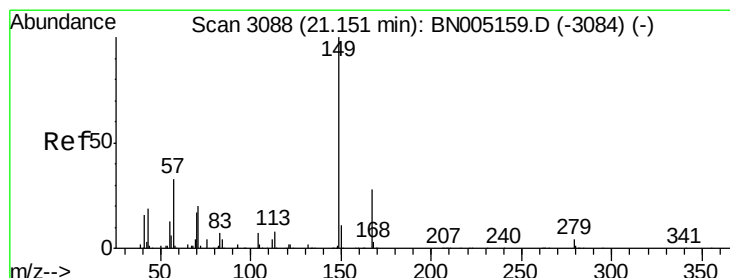
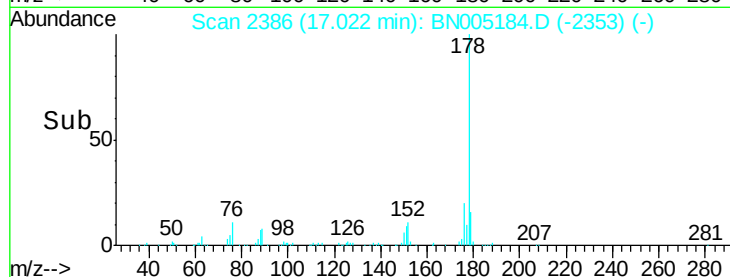
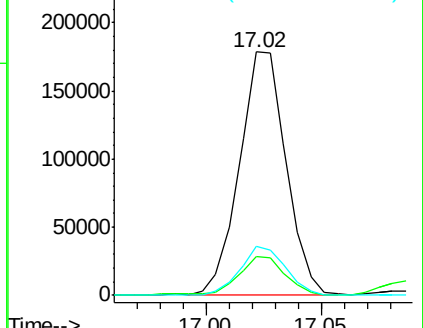
176 20.1 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.625 ng/ul

RT: 21.16 min Scan# 3090

Delta R.T. 0.01 min

Lab File: BN005184.D

Acq: 22 Apr 2019 21:00

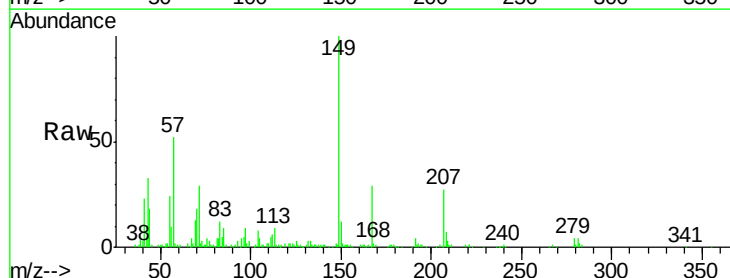
Tgt Ion:149 Resp: 136679

Ion Ratio Lower Upper

149 100

167 29.1 22.3 33.5

279 4.1 3.3 4.9



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

