

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032018\  
 Data File : BN000501.D  
 Acq On : 20 Mar 2018 20:11  
 Operator : JU/SJ  
 Sample : J1956-08  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C1022

Quant Time: Mar 24 03:53:09 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 21 00:17:49 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.41  | 152  | 259317   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.25 | 136  | 1088639  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 15.04 | 164  | 531835   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.76 | 188  | 960398   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.88 | 240  | 763605   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 24.36 | 264  | 657669   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.59  | 96  | 36096   | 4.97  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.55  | 99  | 184525  | 7.63  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.72  | 67  | 445273  | 31.91 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.94  | 132 | 478858  | 26.18 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.12  | 113 | 329206  | 17.47 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.60  | 128 | 287449  | 32.51 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.32 | 143 | 303493  | 33.13 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.87 | 165 | 477407  | 29.08 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.38 | 131 | 3324    | 0.20  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.42 | 166 | 1300365 | 30.95 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.74 | 160 | 1728722 | 31.19 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.22 | 143 | 44399   | 5.69  | ng/ul | 0.02 |
| 57) Fluorene-d10               | 16.02 | 176 | 1072579 | 29.96 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.13 | 200 | 123618  | 22.47 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.86 | 188 | 1415230 | 30.66 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.11 | 212 | 1343828 | 31.88 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.20 | 264 | 1031352 | 33.23 | ng/ul | 0.00 |

## Target Compounds

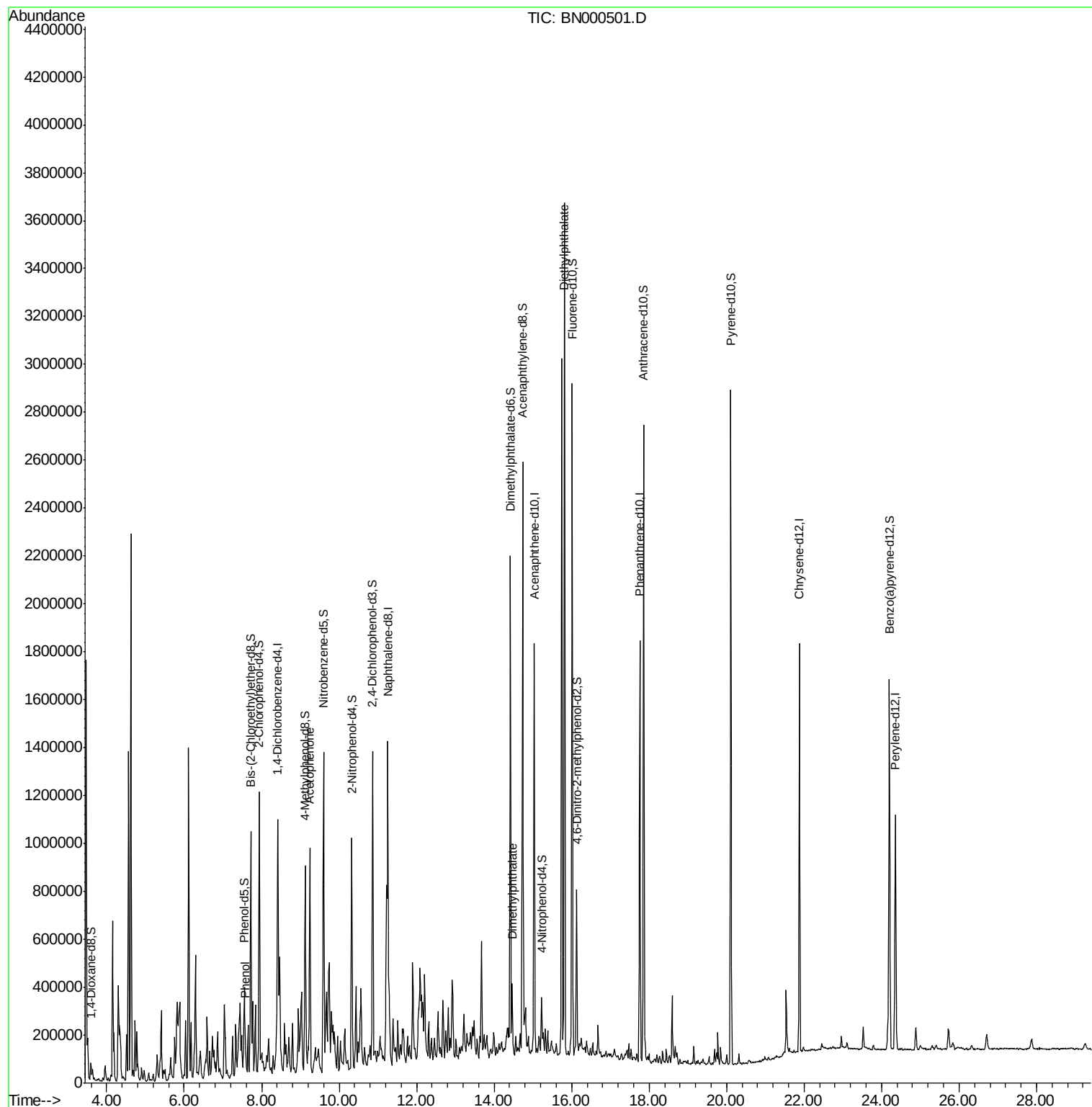
|                       |       |     |         |              | Ovalue |
|-----------------------|-------|-----|---------|--------------|--------|
| 6) Phenol             | 7.58  | 94  | 43677   | 1.770 ng/ul  | 94     |
| 14) Acetophenone      | 9.25  | 105 | 510526  | 18.225 ng/ul | 96     |
| 44) Dimethylphthalate | 14.47 | 163 | 156342  | 3.762 ng/ul# | 97     |
| 56) Diethylphthalate  | 15.81 | 149 | 1982991 | 46.745 ng/ul | 96     |

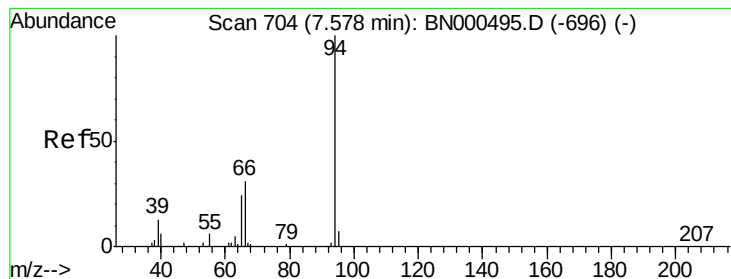
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.770 ng/ul

RT: 7.58 min Scan# 704

Delta R.T. -0.00 min

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Acq: 20 Mar 2018 20:11

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BNA\_N

ClientSampleId :

C1022

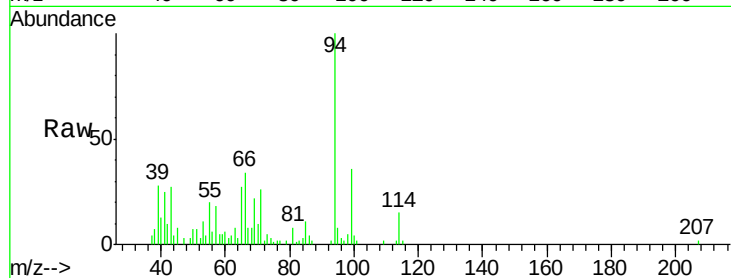
Tot Ion: 94 Resp: 43677

Ion Ratio Lower Upper

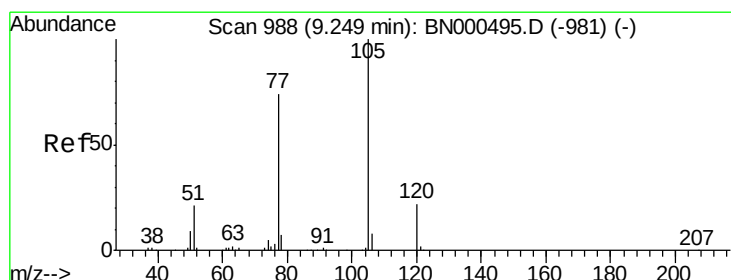
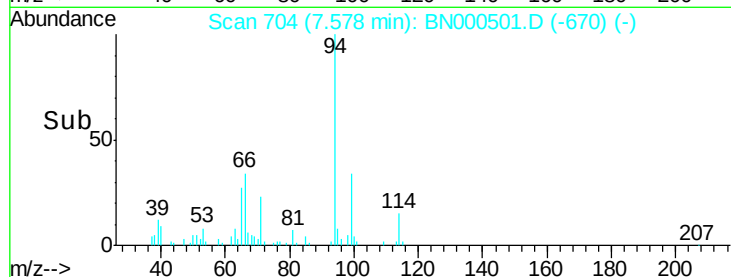
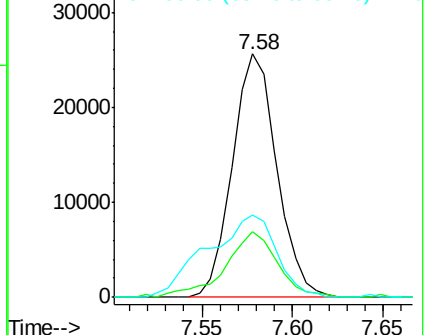
94 100

65 26.8 23.0 34.6

66 33.6 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BN0  
Ion 65.00 (64.70 to 65.70): BN0  
Ion 66.00 (65.70 to 66.70): BN0



#14

Acetophenone

Concen: 18.225 ng/ul

RT: 9.25 min Scan# 988

Delta R.T. -0.00 min

Lab File: BN000501.D

Acq: 20 Mar 2018 20:11

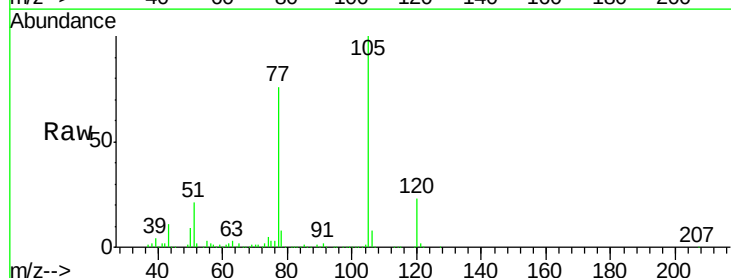
Tgt Ion:105 Resp: 510526

Ion Ratio Lower Upper

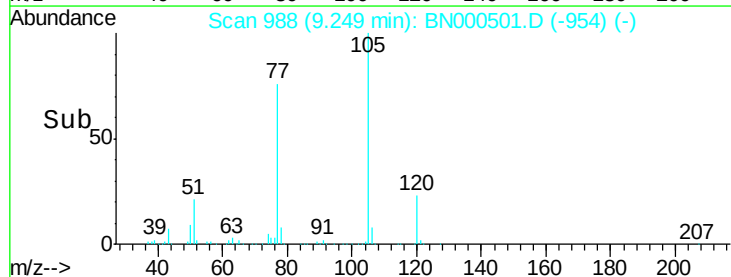
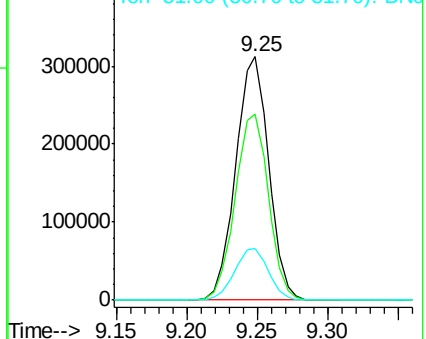
105 100

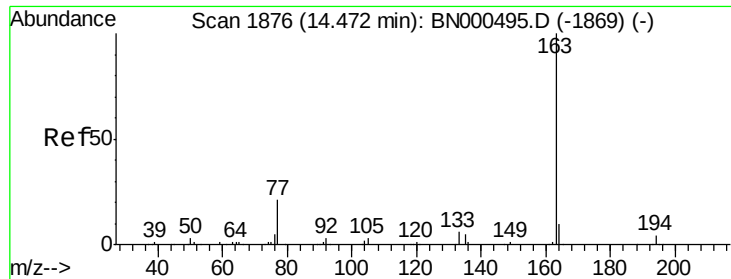
77 76.3 63.2 94.8

51 21.4 19.8 29.8



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BN0  
Ion 51.00 (50.70 to 51.70): BN0





#44

Dimethylphthalate

Concen: 3.762 ng/ul

RT: 14.47 min Scan# 1875

Delta R.T. -0.01 min

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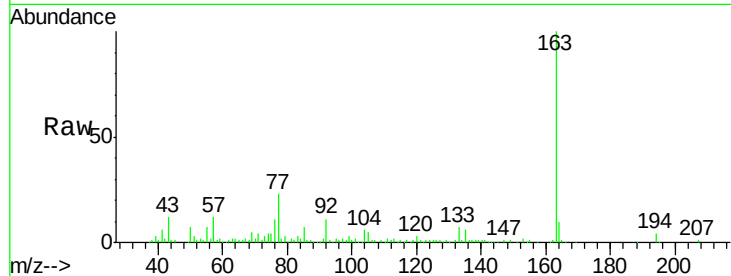
Tot Ion:163 Resp: 156342

Ion Ratio Lower Upper

163 100

194 3.6 4.0 6.0#

164 9.7 8.4 12.6



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

14.47

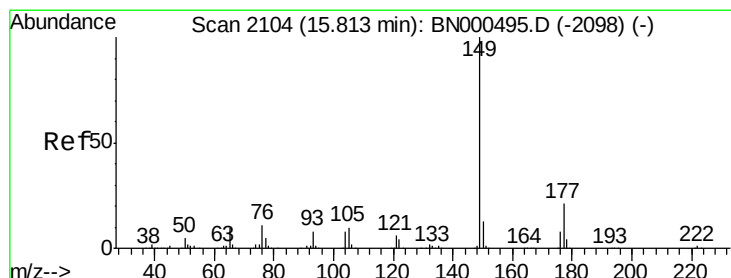
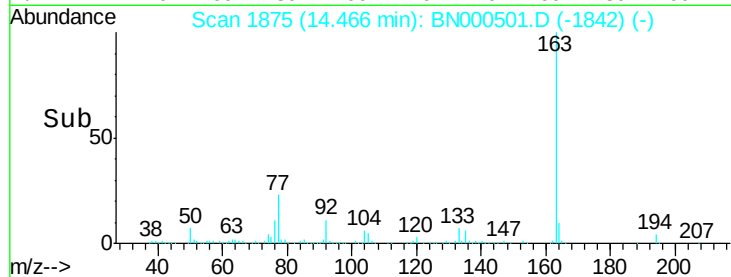
100000

50000

0

Time-->

14.45 14.50



#56

Diethylphthalate

Concen: 46.745 ng/ul

RT: 15.81 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BN000501.D

Acq: 20 Mar 2018 20:11

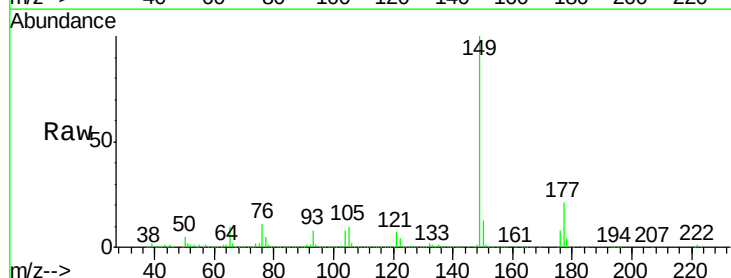
Tgt Ion:149 Resp: 1982991

Ion Ratio Lower Upper

149 100

177 21.2 19.3 28.9

150 12.7 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

2000000

1500000

1000000

500000

0

Time-->

15.75 15.80 15.85

