

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\  
 Data File : BN000610.D  
 Acq On : 24 Mar 2018 09:44  
 Operator : JU/SJ  
 Sample : J1969-06  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Mar 26 01:28:11 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Mar 26 01:26:45 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.41  | 152  | 149329   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.25 | 136  | 661642   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 15.03 | 164  | 372632   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.76 | 188  | 755283   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.88 | 240  | 533223   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 24.38 | 264  | 513212   | 20.00 | ng/ul | 0.02     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.58  | 96  | 20819   | 4.98  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.55  | 99  | 438504  | 31.47 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.72  | 67  | 253994  | 31.61 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.94  | 132 | 342659  | 32.53 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.12  | 113 | 304663  | 28.07 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.60  | 128 | 171905  | 31.99 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.32 | 143 | 185185  | 33.27 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.87 | 165 | 338530  | 33.92 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.38 | 131 | 311965  | 30.46 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.42 | 166 | 1044064 | 35.46 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.73 | 160 | 1355309 | 34.90 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.22 | 143 | 121735  | 22.27 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 16.02 | 176 | 881000  | 35.12 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.13 | 200 | 89734   | 20.74 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.86 | 188 | 1295132 | 35.67 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.12 | 212 | 1164253 | 39.55 | ng/ul | 0.01 |
| 87) Benzo(a)pyrene-d12         | 24.22 | 264 | 878028  | 36.25 | ng/ul | 0.02 |

## Target Compounds

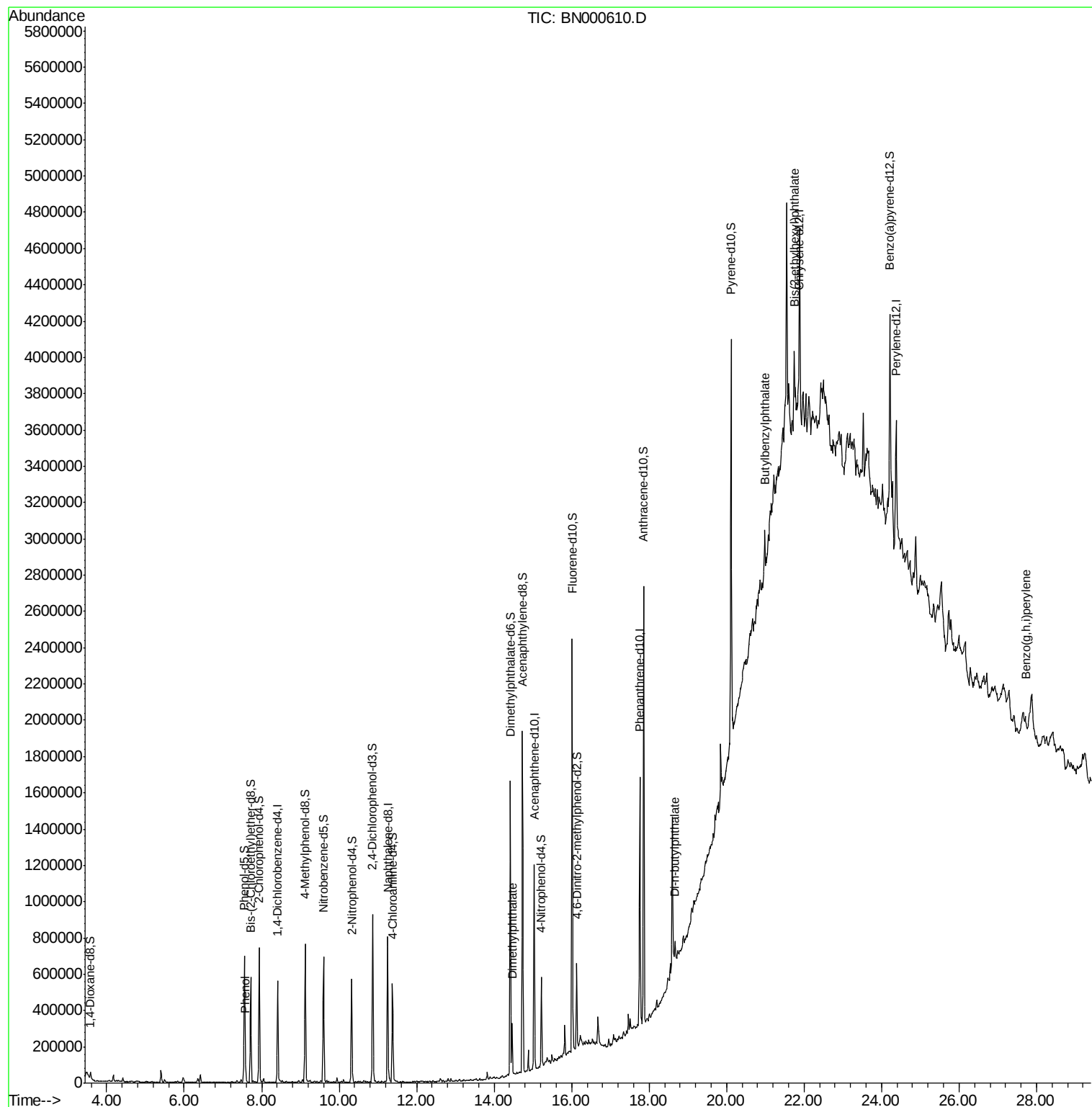
|                                |       |     |        |       | Ovalue    |
|--------------------------------|-------|-----|--------|-------|-----------|
| 6) Phenol                      | 7.58  | 94  | 46928  | 3.302 | ng/ul 97  |
| 44) Dimethylphthalate          | 14.47 | 163 | 152738 | 5.245 | ng/ul# 98 |
| 73) Di-n-butylphthalate        | 18.67 | 149 | 66348  | 1.275 | ng/ul# 94 |
| 78) Butylbenzylphthalate       | 20.99 | 149 | 81191  | 4.197 | ng/ul# 81 |
| 81) Bis(2-ethylhexyl)phthalate | 21.75 | 149 | 140833 | 5.014 | ng/ul 99  |
| 91) Benzo(a,h,i)perylene       | 27.74 | 276 | 33804  | 1.236 | ng/ul# 35 |

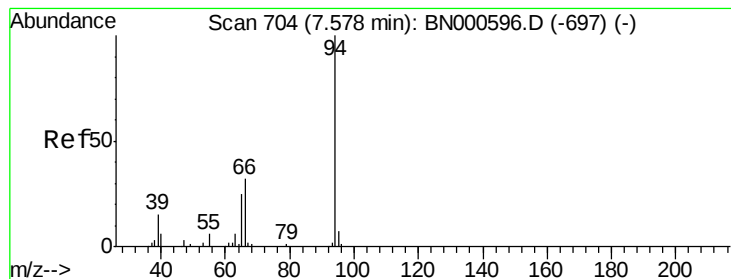
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.302 ng/ul

RT: 7.58 min Scan# 705

Delta R.T. 0.01 min

Lab File: BN000610.D

Acq: 24 Mar 2018 09:44

Instrument :

BNA\_N

ClientSampleId :

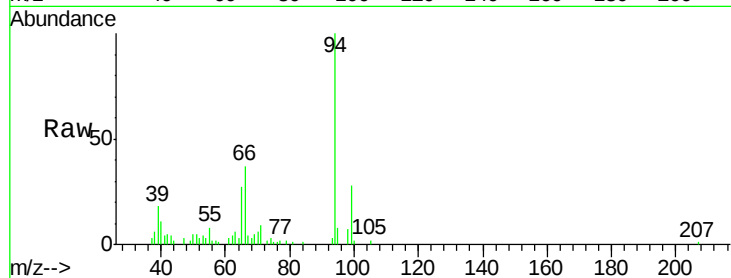
Tot Ion: 94 Resp: 46928

Ion Ratio Lower Upper

94 100

65 26.9 23.0 34.6

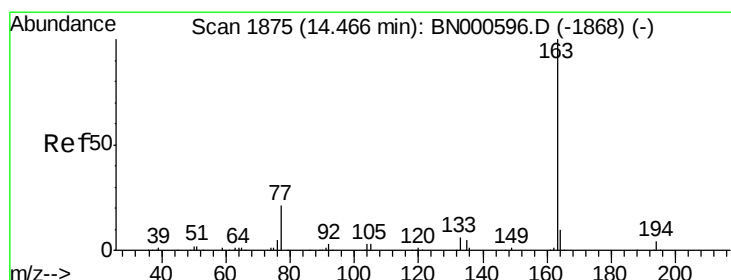
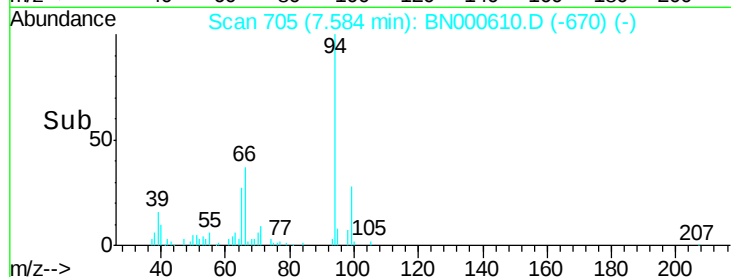
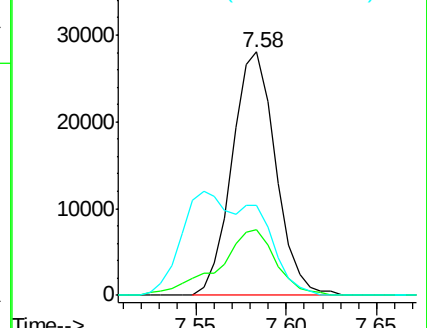
66 36.9 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BN000596.D (-697) (-)

Ion 65.00 (64.70 to 65.70): BN000596.D (-697) (-)

Ion 66.00 (65.70 to 66.70): BN000596.D (-697) (-)



#44

Dimethylphthalate

Concen: 5.245 ng/ul

RT: 14.47 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BN000610.D

Acq: 24 Mar 2018 09:44

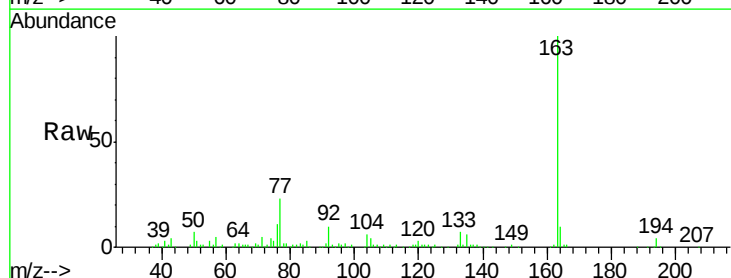
Tgt Ion:163 Resp: 152738

Ion Ratio Lower Upper

163 100

194 3.9 4.0 6.0#

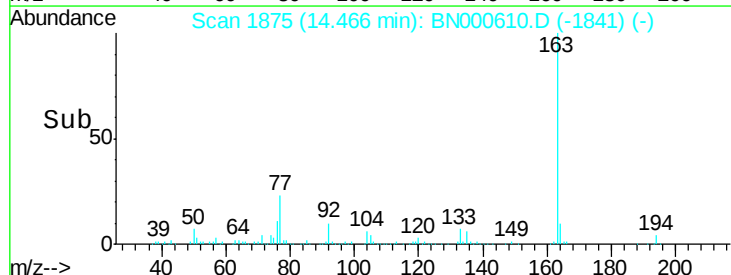
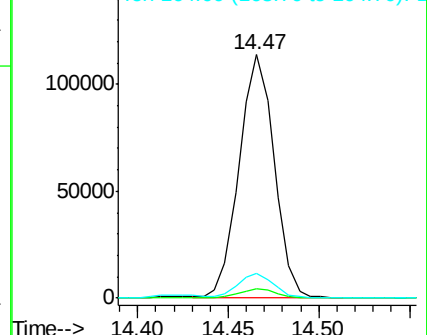
164 10.2 8.4 12.6

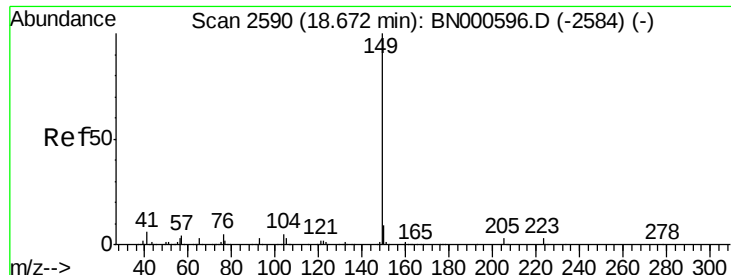


Abundance Ion 163.00 (162.70 to 163.70): BN000596.D (-1868) (-)

Ion 194.00 (193.70 to 194.70): BN000596.D (-1868) (-)

Ion 164.00 (163.70 to 164.70): BN000596.D (-1868) (-)





#73

Di-n-butylphthalate

Concen: 1.275 ng/ul

RT: 18.67 min Scan# 2590

Delta R.T. -0.00 min

Lab File: BN000610.D

Acq: 24 Mar 2018 09:44

Instrument :

BNA\_N

ClientSampleId :

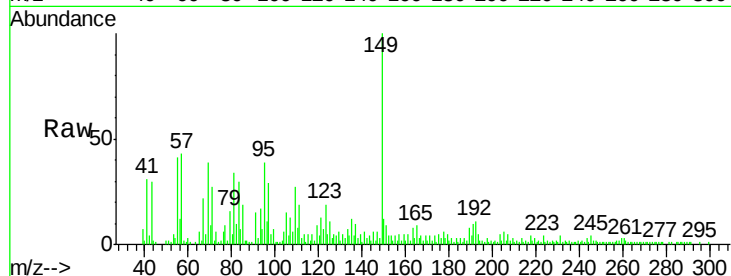
Tot Ion:149 Resp: 66348

Ion Ratio Lower Upper

149 100

150 12.0 7.5 11.3#

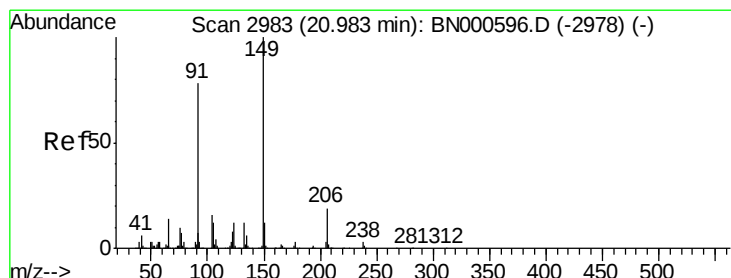
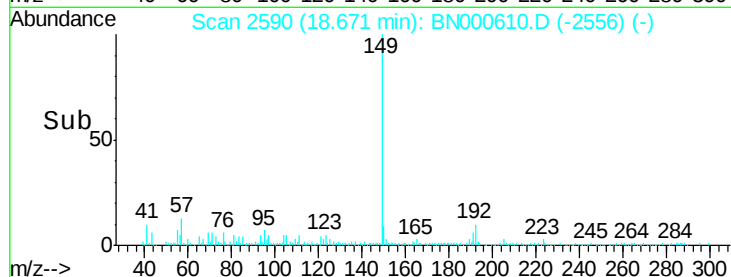
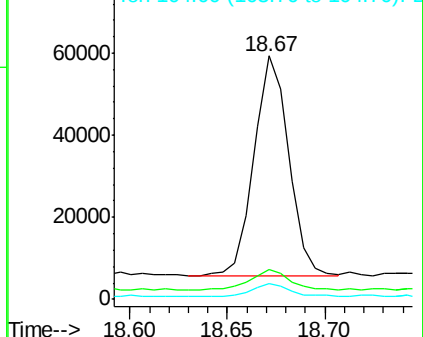
104 6.3 4.1 6.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#78

Butylbenzylphthalate

Concen: 4.197 ng/ul

RT: 20.99 min Scan# 2984

Delta R.T. 0.01 min

Lab File: BN000610.D

Acq: 24 Mar 2018 09:44

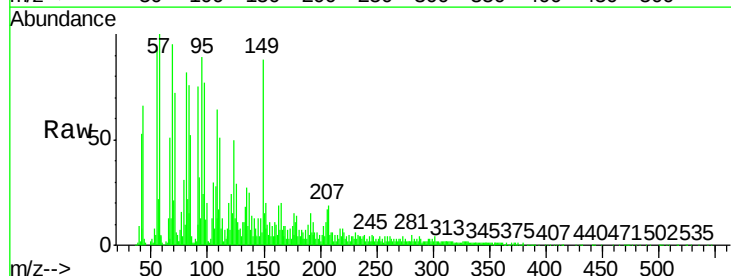
Tgt Ion:149 Resp: 81191

Ion Ratio Lower Upper

149 100

91 85.1 53.4 80.0#

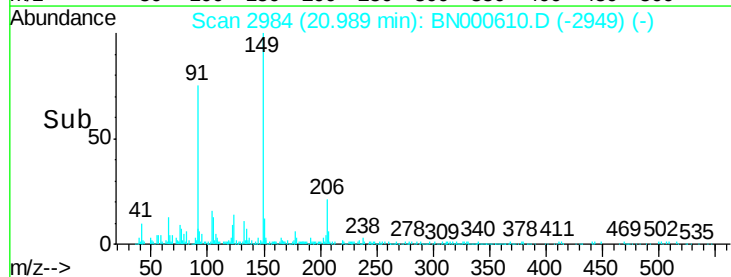
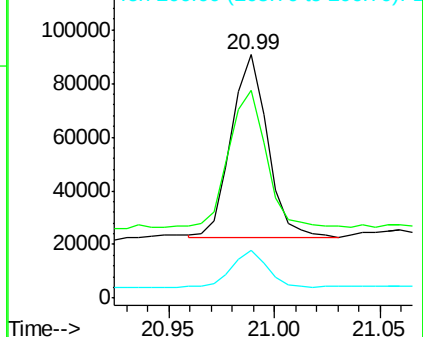
206 19.8 19.3 28.9

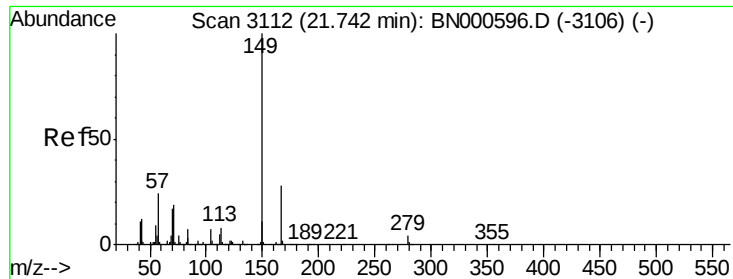


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 5.014 ng/ul

RT: 21.75 min Scan# 3113

Delta R.T. 0.01 min

Lab File: BN000610.D

Acq: 24 Mar 2018 09:44

Instrument :

BNA\_N

ClientSampleId :

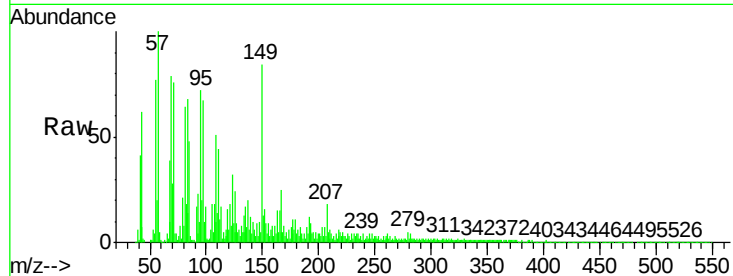
Tot Ion:149 Resp: 140833

Ion Ratio Lower Upper

149 100

167 29.7 23.0 34.6

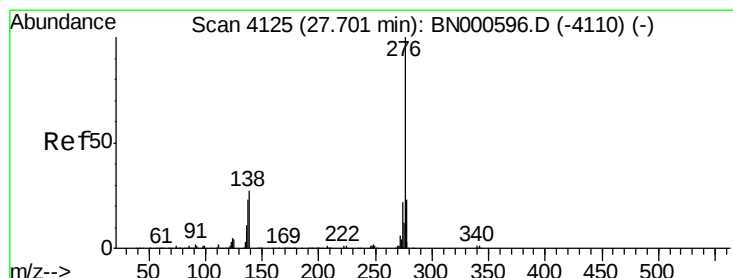
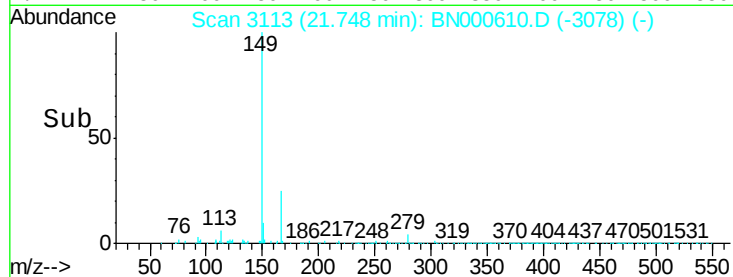
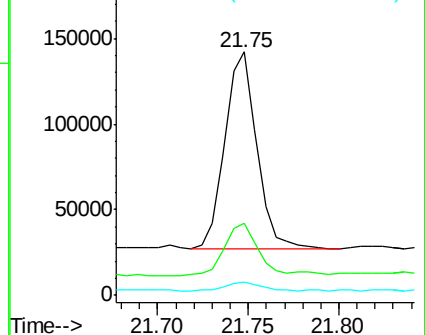
279 5.4 4.3 6.5



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



#91

Benzo(g,h,i)perylene

Concen: 1.236 ng/ul

RT: 27.74 min Scan# 4132

Delta R.T. 0.04 min

Lab File: BN000610.D

Acq: 24 Mar 2018 09:44

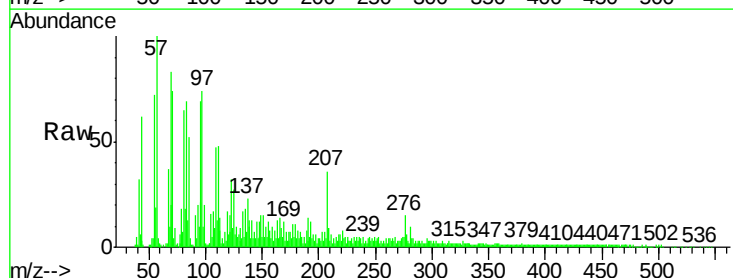
Tgt Ion:276 Resp: 33804

Ion Ratio Lower Upper

276 100

138 62.3 11.2 16.8#

277 40.4 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

