

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN030819\  
 Data File : BN004706.D  
 Acq On : 09 Mar 2019 11:31  
 Operator : JU/SJ  
 Sample : K1762-05  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0959

Quant Time: Mar 11 01:42:22 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN030719MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 08 00:36:35 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.72  | 152  | 32185    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.50 | 136  | 118582   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 0.00  | 164  | 0m       | 20.00 | ng/ul | -14.36   |
| 62) Phenanthrene-d10      | 17.11 | 188  | 42216    | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.31 | 240  | 4717     | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 0.00  | 264  | 0        | 0.00  | ng/ul | -23.57   |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.23  | 96  | 2457   | 4.31  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 0.00  | 99  | 0      | 0.00  | ng/ul |       |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.06  | 67  | 38528  | 27.77 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.26  | 132 | 4379   | 1.90  | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 0.00  | 113 | 0      | 0.00  | ng/ul |       |
| 19) Nitrobenzene-d5            | 8.88  | 128 | 34910  | 38.62 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.59  | 143 | 11764  | 11.46 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.13 | 165 | 15363  | 7.85  | ng/ul | 0.01  |
| 29) 4-Chloroaniline-d4         | 10.65 | 131 | 4672   | 1.99  | ng/ul | 0.00  |
| 44) Dimethylphthalate-d6       | 13.77 | 166 | 206549 | 0.00  | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 0.00  | 160 | 0      | 0.00  | ng/ul |       |
| 52) 4-Nitrophenol-d4           | 0.00  | 143 | 0      | 0.00  | ng/ul |       |
| 58) Fluorene-d10               | 15.36 | 176 | 12928  | 0.00  | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 0.00  | 200 | 0      | 0.00  | ng/ul |       |
| 71) Anthracene-d10             | 17.11 | 188 | 42216  | 20.53 | ng/ul | -0.10 |
| 79) Pyrene-d10                 | 0.00  | 212 | 0      | 0.00  | ng/ul |       |
| 90) Benzo(a)pyrene-d12         | 0.00  | 264 | 0      | 0.00  | ng/ul |       |

## Target Compounds

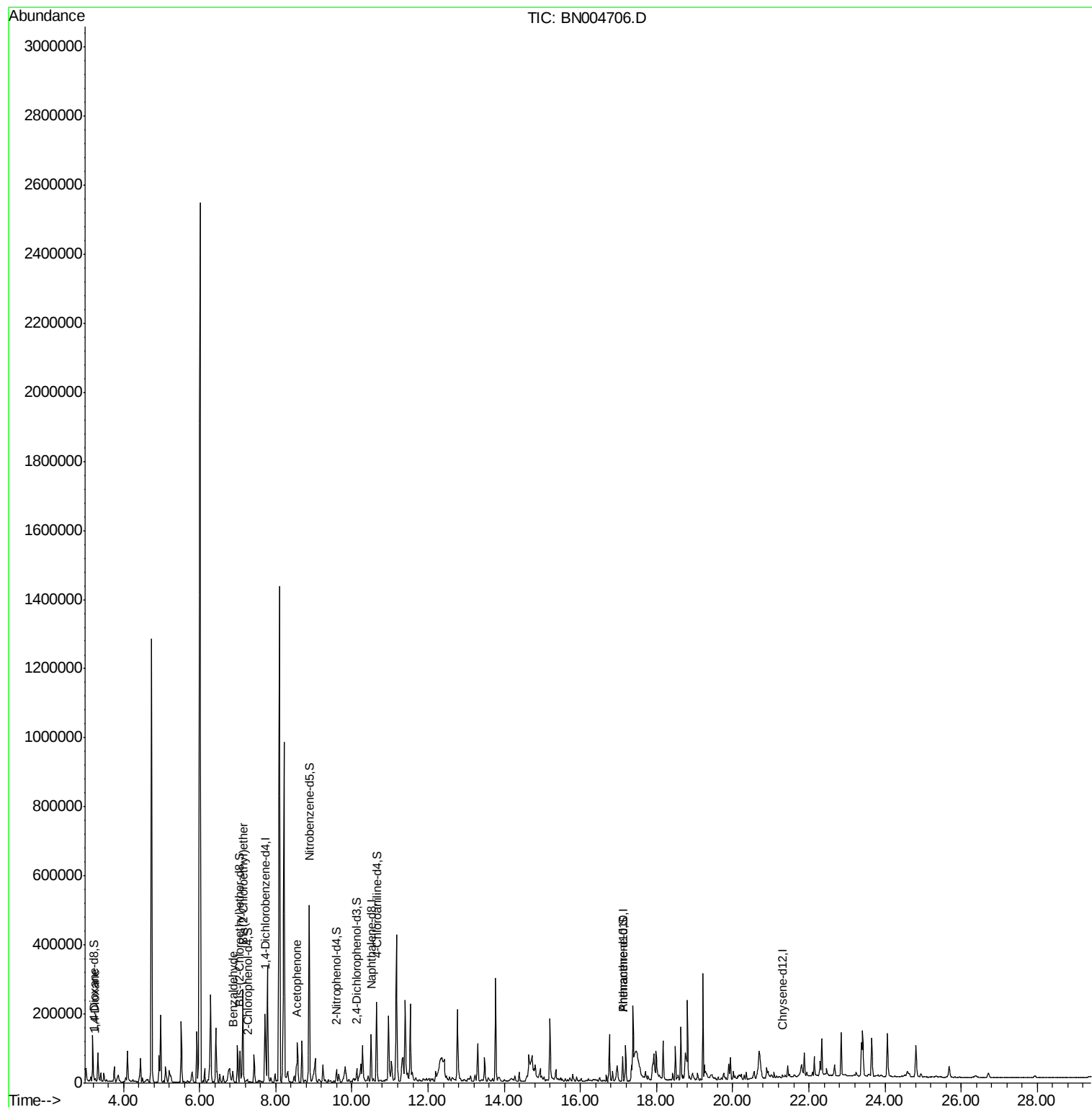
|                            |      |     |       | Ovalue |           |
|----------------------------|------|-----|-------|--------|-----------|
| 2) 1,4-Dioxane             | 3.26 | 88  | 4829  | 6.867  | ng/uL 94  |
| 4) Benzaldehyde            | 6.88 | 77  | 10539 | 6.120  | ng/ul 90  |
| 8) Bis(2-Chloroethyl)ether | 7.13 | 93  | 98595 | 49.489 | ng/ul# 49 |
| 14) Acetophenone           | 8.54 | 105 | 32118 | 9.260  | ng/ul 99  |

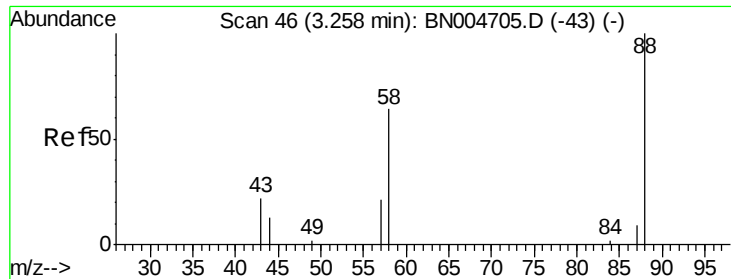
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 08 00:36:35 2019  
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#2

1,4-Dioxane

Concen: 6.867 ng/uL

RT: 3.26 min Scan# 47

Delta R.T. 0.01 min

Lab File: BN004706.D

Acq: 09 Mar 2019 11:31

Instrument :

BNA\_N

ClientSampleId :

C0959

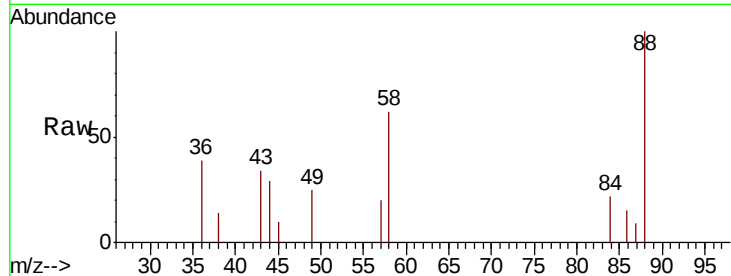
Tot Ion: 88 Resp: 4829

Ion Ratio Lower Upper

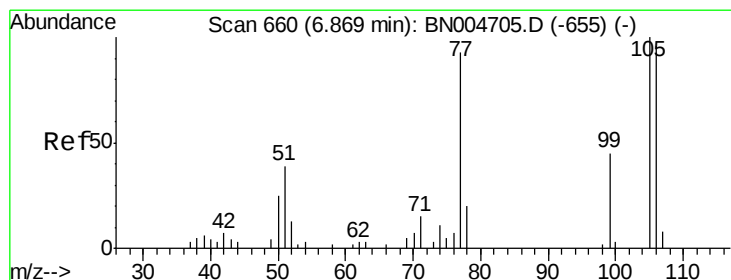
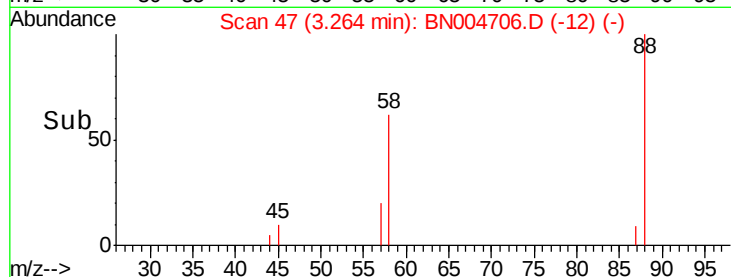
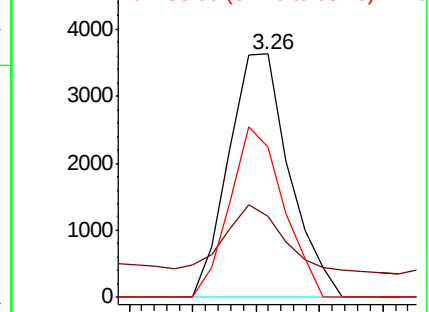
88 100

43 33.5 25.6 38.4

58 61.9 54.6 82.0



Abundance Ion 88.00 (87.70 to 88.70): BN0  
Ion 43.00 (42.70 to 43.70): BN0  
Ion 58.00 (57.70 to 58.70): BN0



#4

Benzaldehyde

Concen: 6.120 ng/uL

RT: 6.88 min Scan# 661

Delta R.T. -0.00 min

Lab File: BN004706.D

Acq: 09 Mar 2019 11:31

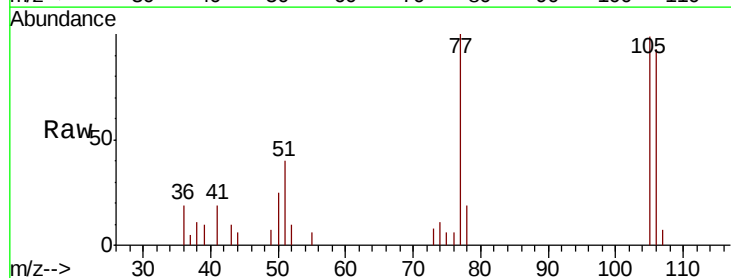
Tgt Ion: 77 Resp: 10539

Ion Ratio Lower Upper

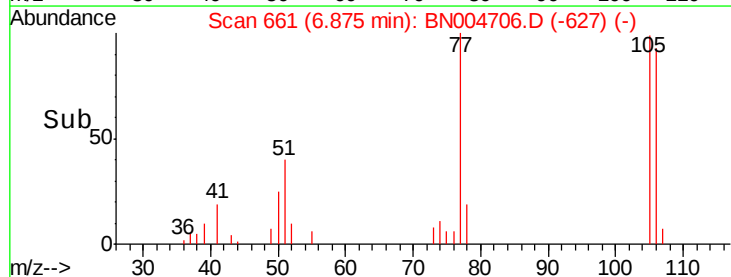
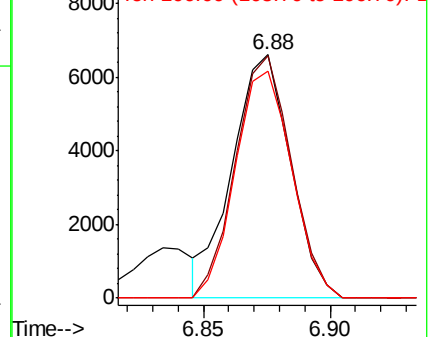
77 100

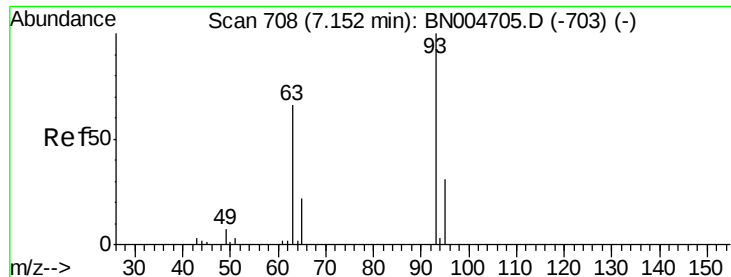
105 99.5 85.4 128.0

106 93.2 84.8 127.2



Abundance Ion 77.00 (76.70 to 77.70): BN0  
Ion 105.00 (104.70 to 105.70): E  
Ion 106.00 (105.70 to 106.70): E



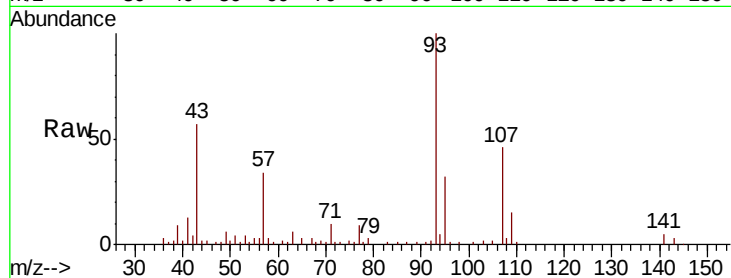


#8

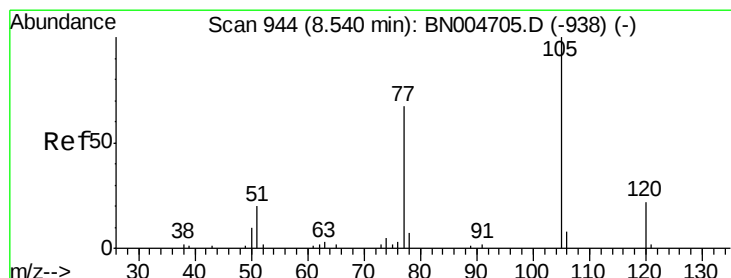
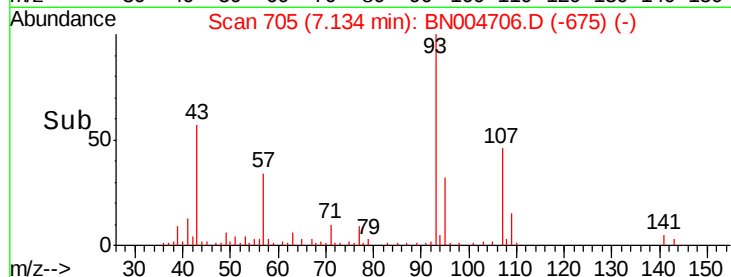
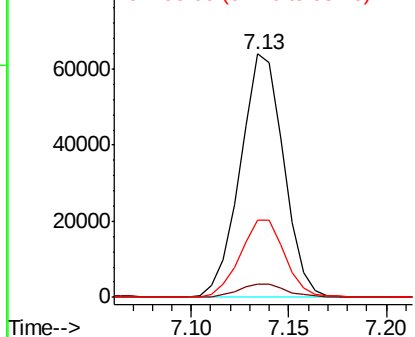
Bis(2-Chloroethyl)ether  
 Concen: 49.489 ng/ul  
 RT: 7.13 min Scan# 705  
 Delta R.T. -0.02 min  
 Lab File: BN004706.D  
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Tot Ion: 93 Resp: 98595  
 Ion Ratio Lower Upper  
 93 100  
 63 5.5 52.8 79.2#  
 95 31.8 25.9 38.9



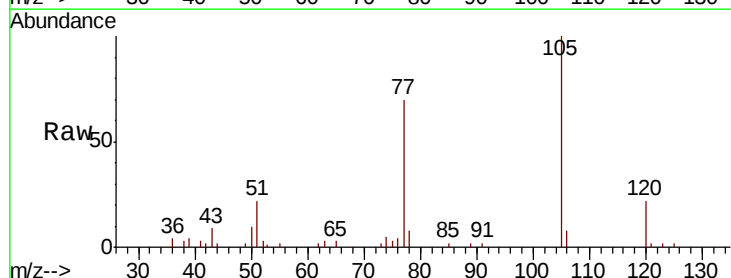
Abundance Ion 93.00 (92.70 to 93.70): BN0  
 Ion 63.00 (62.70 to 63.70): BN0  
 Ion 95.00 (94.70 to 95.70): BN0



#14

Acetophenone  
 Concen: 9.260 ng/ul  
 RT: 8.54 min Scan# 944  
 Delta R.T. -0.01 min  
 Lab File: BN004706.D  
 Acq: 09 Mar 2019 11:31

Tgt Ion: 105 Resp: 32118  
 Ion Ratio Lower Upper  
 105 100  
 77 70.4 56.1 84.1  
 51 22.4 17.2 25.8



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

