

Data File : BN003947.D  
Acq On : 15 Dec 2018 00:23  
Operator : JU/SJ  
Sample : J6383-03DL 2X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
C0937DL

Quant Time: Dec 15 01:28:21 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN121218MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Dec 14 22:50:59 2018  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.83  | 152  | 35710    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.63 | 136  | 173921   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.47 | 164  | 107055   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.22 | 188  | 259866   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.39 | 240  | 335719   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.71 | 264  | 317340   | 20.00 | ng/ul | 0.00     |

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| System Monitoring Compounds    |       |     |        |       |       |      |
| 3) 1,4-Dioxane-d8              | 3.29  | 96  | 1112   | 2.04  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.99  | 99  | 9566   | 2.72  | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.16  | 67  | 24443  | 12.79 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.36  | 132 | 29929  | 10.88 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.53  | 113 | 19000  | 6.46  | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.00  | 128 | 19721  | 14.31 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.72  | 143 | 22064  | 14.14 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.25 | 165 | 36428  | 12.73 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.77 | 131 | 2616   | 0.98  | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6       | 13.87 | 166 | 135920 | 14.22 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.16 | 160 | 170555 | 15.04 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.67 | 143 | 4963   | 2.51  | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.46 | 176 | 123953 | 15.00 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.59 | 200 | 11107  | 5.93  | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.31 | 188 | 211058 | 16.07 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.60 | 212 | 252366 | 16.80 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.56 | 264 | 283047 | 16.44 | ng/ul | 0.00 |

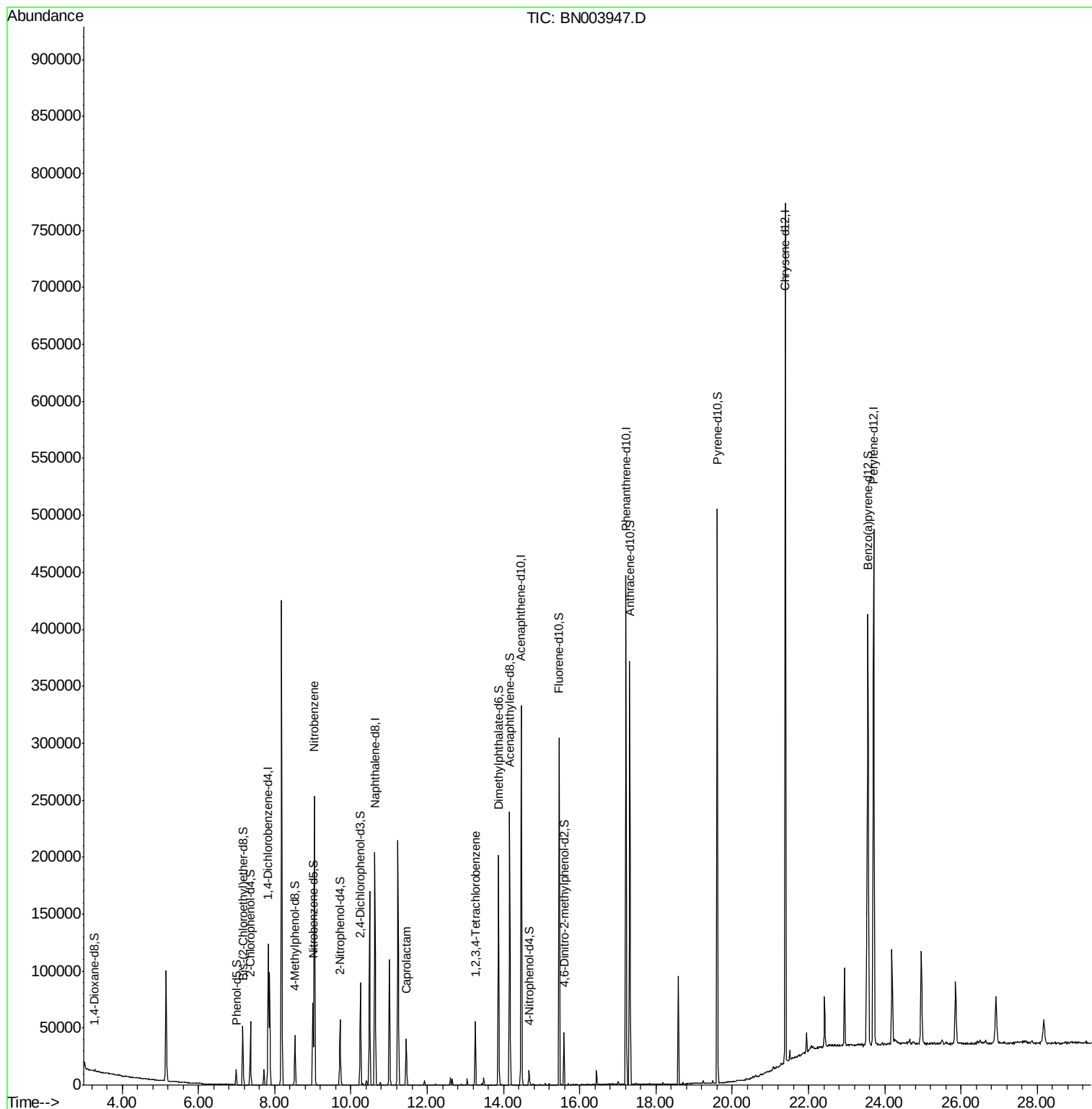
|                                |       |     |        |        |        |     |
|--------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds               |       |     |        | Qvalue |        |     |
| 20) Nitrobenzene               | 9.05  | 77  | 146773 | 49.179 | ng/ul  | 97  |
| 32) Caprolactam                | 11.45 | 113 | 3476   | 3.121  | ng/ul# | 1   |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.26 | 216 | 18949  | 5.823  | ng/uL  | 100 |

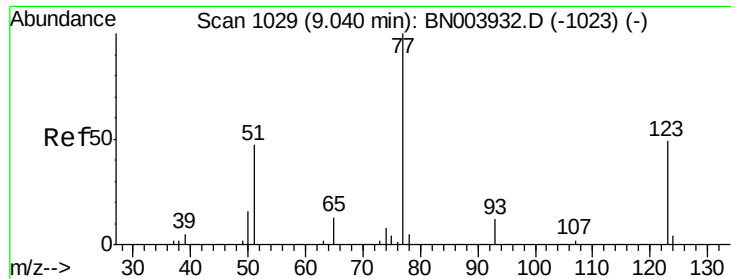
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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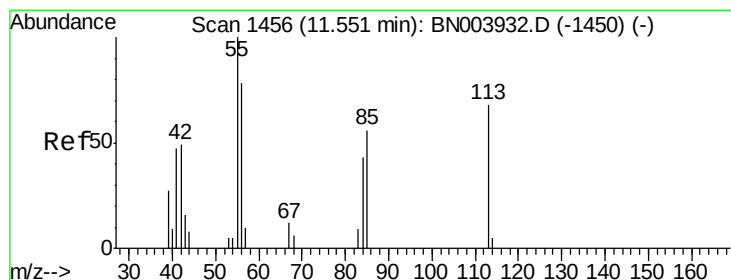
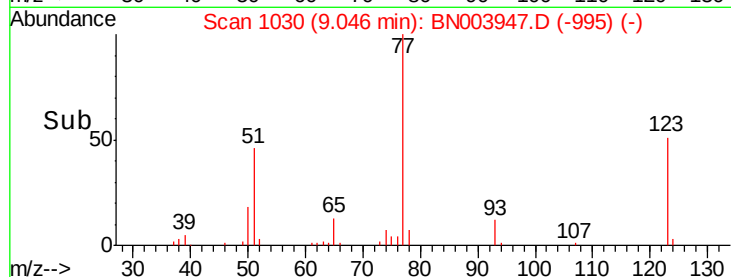
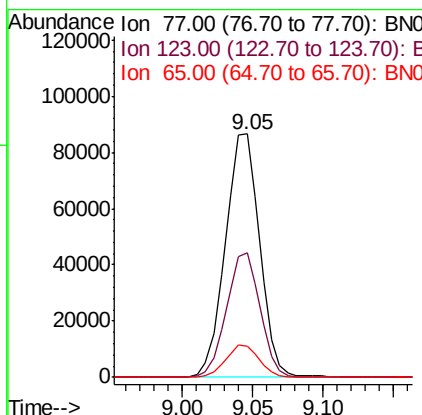
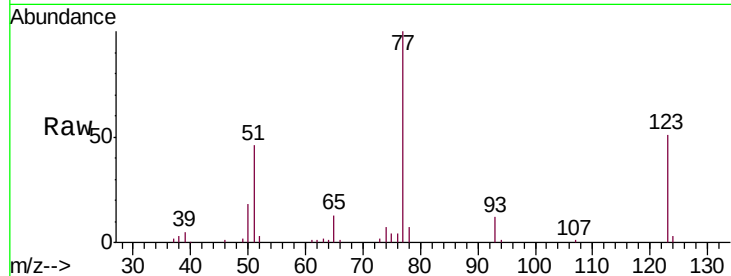




#20  
Nitrobenzene  
Concen: 49.179 ng/ul  
RT: 9.05 min Scan# 1030  
Delta R.T. 0.01 min  
Lab File: BN003947.D  
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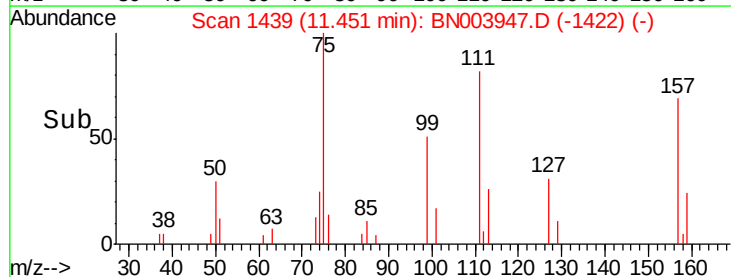
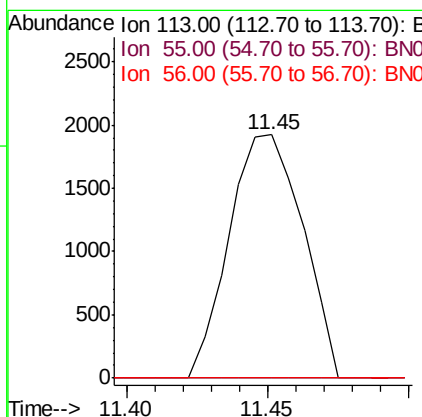
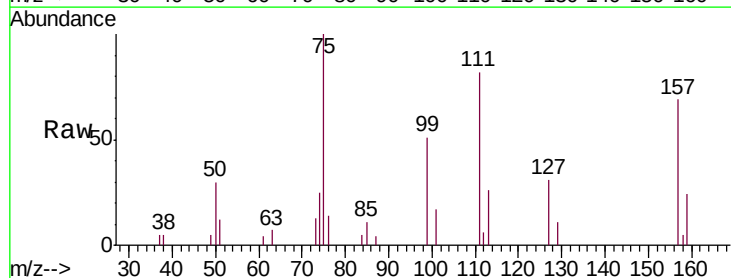
Instrument :  
BNA\_N  
ClientSampleID :  
C0937DL

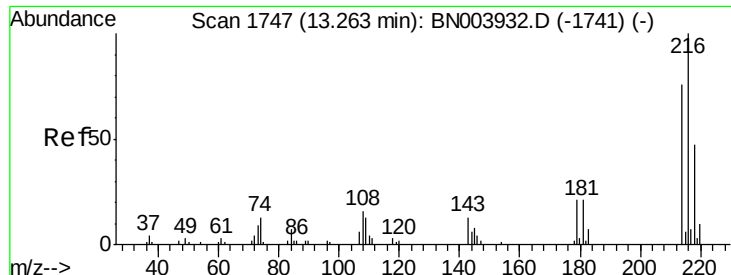
Tgt Ion: 77 Resp: 146773  
Ion Ratio Lower Upper  
77 100  
123 51.4 39.3 58.9  
65 12.7 10.3 15.5



#32  
Caprolactam  
Concen: 3.121 ng/ul  
RT: 11.45 min Scan# 1439  
Delta R.T. -0.10 min  
Lab File: BN003947.D  
Acq: 15 Dec 2018 00:23

Tgt Ion: 113 Resp: 3476  
Ion Ratio Lower Upper  
113 100  
55 0.0 116.6 175.0#  
56 0.0 89.9 134.9#

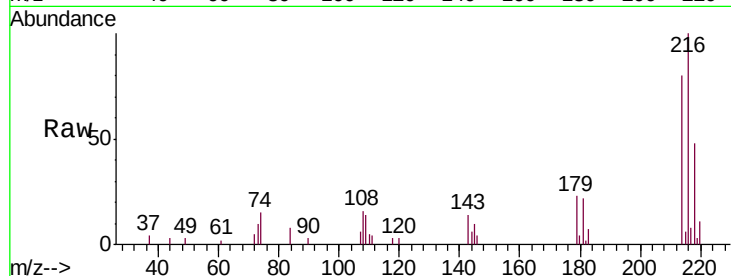




#72  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 5.823 ng/uL  
 RT: 13.26 min Scan# 1747  
 Delta R.T. 0.00 min  
 Lab File: BN003947.D  
 Acq: 15 Dec 2018 00:23

Instrument :  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.6  | 63.8  | 95.8  |
| 218     | 48.1  | 38.9  | 58.3  |



Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 218.00 (217.70 to 218.70): E

