

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN052119\  
 Data File : BN005835.D  
 Acq On : 21 May 2019 21:18  
 Operator : JU/SJ  
 Sample : K2788-20  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A51A2

Quant Time: May 22 03:40:03 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN051819MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 21 04:05:47 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.56  | 152  | 56054    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.32 | 136  | 226347   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.20 | 164  | 145801   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.96 | 188  | 369316   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.20 | 240  | 441082   | 20.00 | ng/ul | -0.01    |
| 85) Perylene-d12          | 23.40 | 264  | 543730   | 20.00 | ng/ul | -0.02    |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.18  | 96  | 2465   | 2.46  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.77  | 99  | 43065  | 9.94  | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.91  | 67  | 76007  | 33.63 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.11  | 132 | 104497 | 30.00 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.28  | 113 | 69308  | 18.71 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.72  | 128 | 57737  | 35.13 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.43  | 143 | 63945  | 33.70 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.98  | 165 | 117375 | 32.41 | ng/ul | 0.01  |
| 29) 4-Chloroaniline-d4         | 0.00  | 131 | 0      | 0.00  | ng/ul |       |
| 43) Dimethylphthalate-d6       | 13.62 | 166 | 405907 | 36.18 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 13.89 | 160 | 483644 | 35.48 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.52 | 143 | 3856   | 2.44  | ng/ul | 0.06  |
| 57) Fluorene-d10               | 15.20 | 176 | 362566 | 37.63 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.38 | 200 | 39598  | 17.84 | ng/ul | 0.01  |
| 70) Anthracene-d10             | 17.06 | 188 | 582630 | 36.52 | ng/ul | 0.00  |
| 78) Pyrene-d10                 | 19.37 | 212 | 737279 | 33.92 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 23.26 | 264 | 889738 | 36.48 | ng/ul | -0.03 |

## Target Compounds

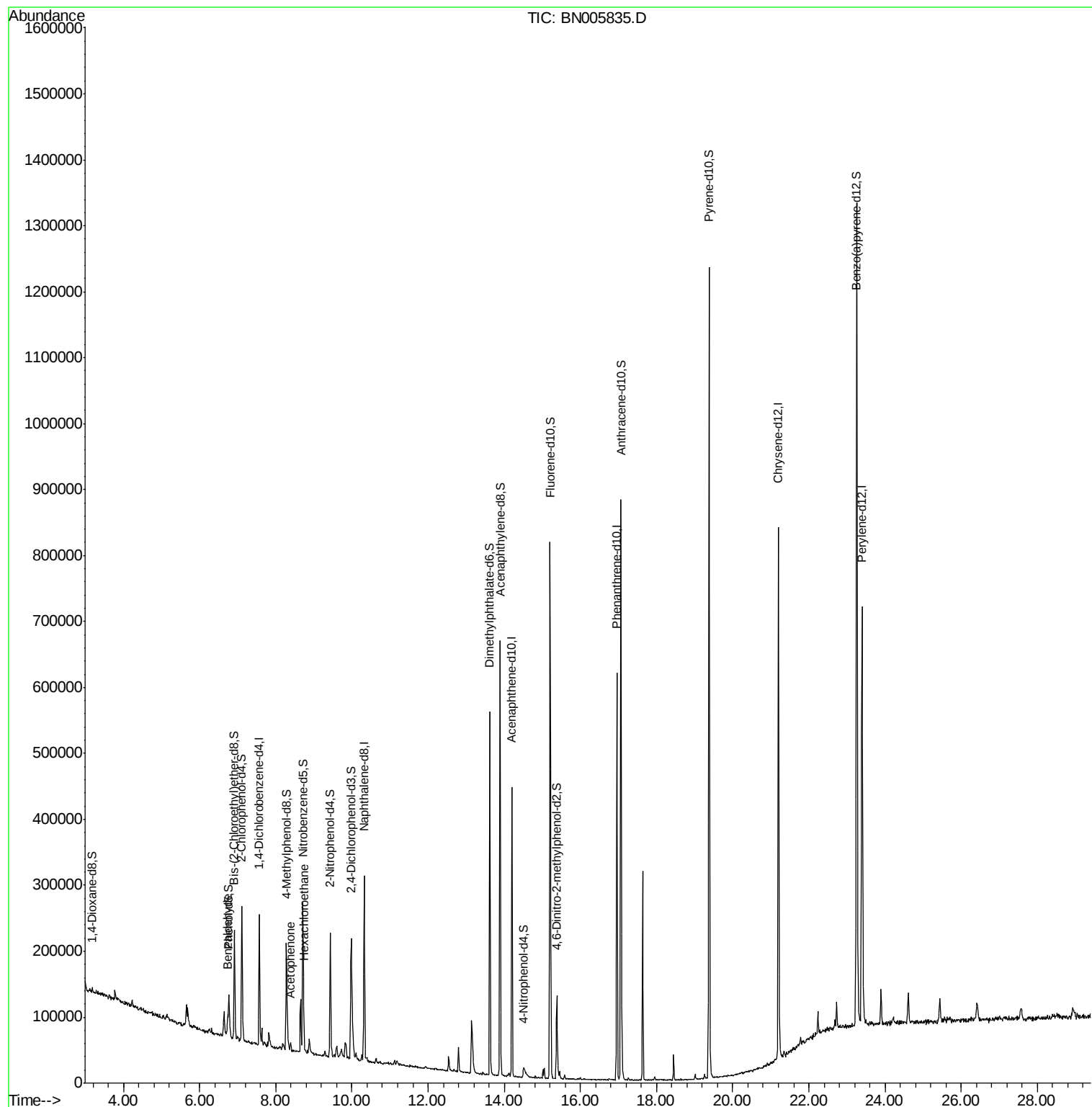
|                      |      |     |       |       | Qvalue |    |
|----------------------|------|-----|-------|-------|--------|----|
| 4) Benzaldehyde      | 6.73 | 77  | 12948 | 4.129 | ng/ul  | 95 |
| 14) Acetophenone     | 8.39 | 105 | 6232  | 1.051 | ng/ul  | 87 |
| 17) Hexachloroethane | 8.74 | 117 | 2072  | 1.369 | ng/ul# | 6  |

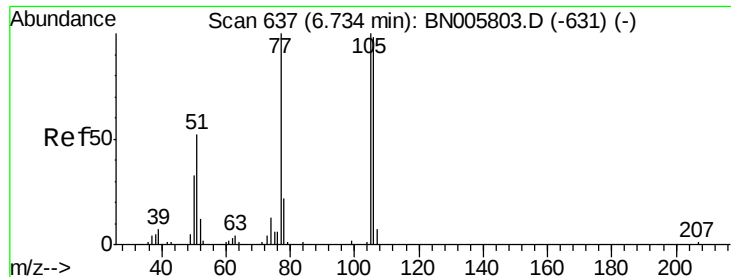
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
QLast Update : Tue May 21 04:05:47 2019  
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 4.129 ng/ul

RT: 6.73 min Scan# 637

Delta R.T. 0.00 min

Lab File: BN005835.D

Acq: 21 May 2019 21:18

Instrument :

BNA\_N

ClientSampleId :

A51A2

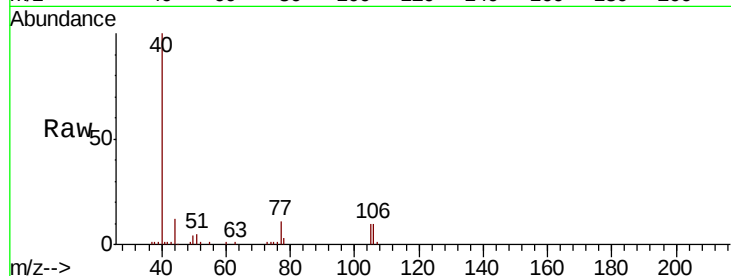
Tgt Ion: 77 Resp: 12948

Ion Ratio Lower Upper

77 100

105 92.9 77.4 116.2

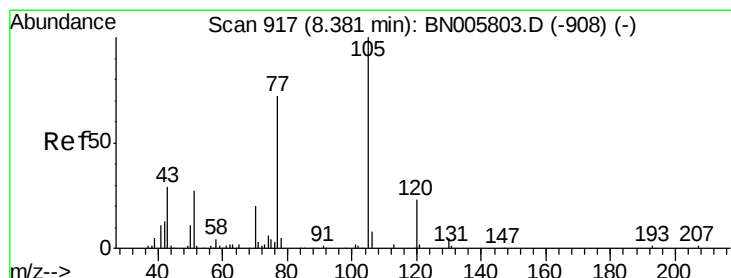
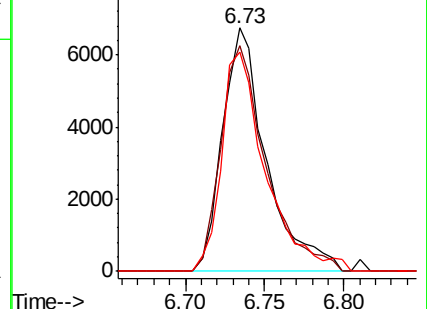
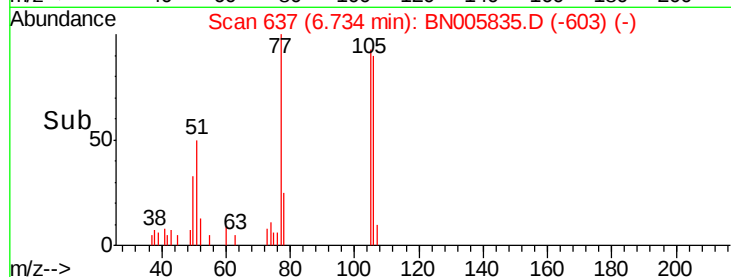
106 90.3 76.3 114.5



Abundance Ion 77.00 (76.70 to 77.70): BN005835.D (-603) (-)

Ion 105.00 (104.70 to 105.70): BN005835.D (-603) (-)

Ion 106.00 (105.70 to 106.70): BN005835.D (-603) (-)



#14

Acetophenone

Concen: 1.051 ng/ul

RT: 8.39 min Scan# 918

Delta R.T. 0.01 min

Lab File: BN005835.D

Acq: 21 May 2019 21:18

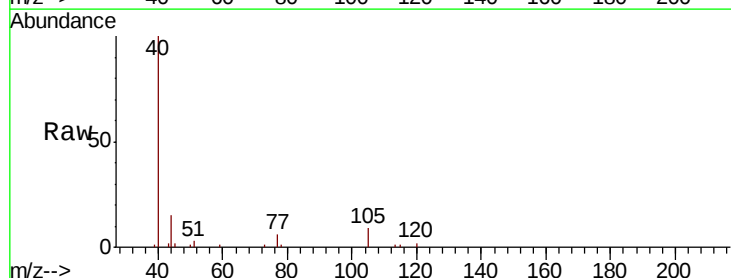
Tgt Ion: 105 Resp: 6232

Ion Ratio Lower Upper

105 100

77 64.7 63.4 95.0

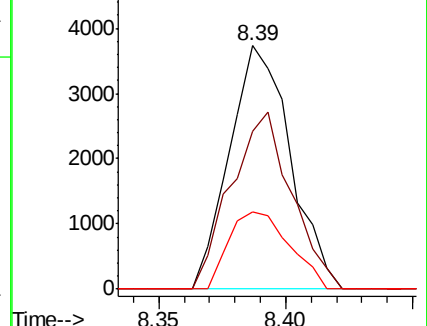
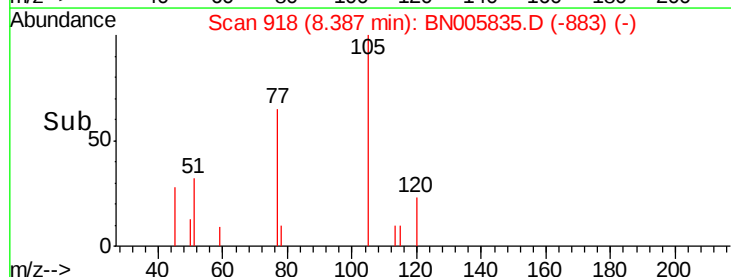
51 31.8 24.2 36.4

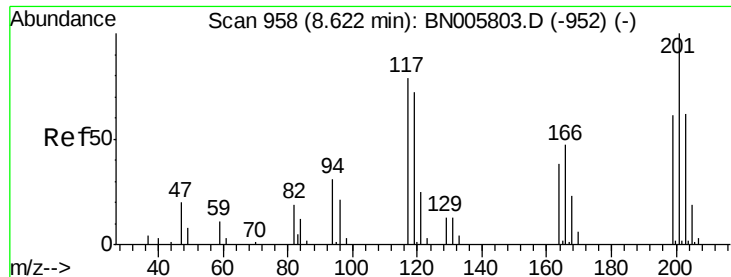


Abundance Ion 105.00 (104.70 to 105.70): BN005835.D (-883) (-)

Ion 77.00 (76.70 to 77.70): BN005835.D (-883) (-)

Ion 51.00 (50.70 to 51.70): BN005835.D (-883) (-)

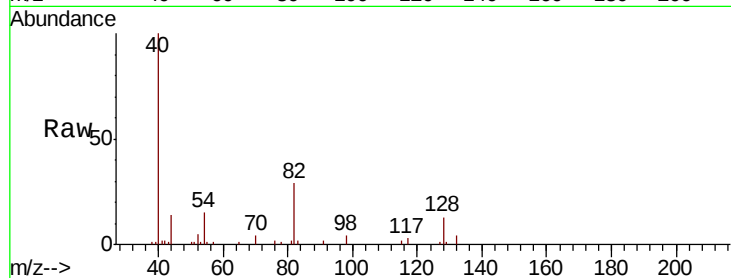




#17  
 Hexachloroethane  
 Concen: 1.369 ng/ul  
 RT: 8.74 min Scan# 978  
 Delta R.T. 0.12 min  
 Lab File: BN005835.D  
 Acq: 21 May 2019 21:18

Instrument :  
 BNA\_N  
 ClientSampleId :  
 A51A2

Tgt Ion:117 Resp: 2072  
 Ion Ratio Lower Upper  
 117 100  
 201 0.0 84.1 126.1#  
 199 0.0 51.2 76.8#



Abundance Ion 117.00 (116.70 to 117.70): E  
 Ion 201.00 (200.70 to 201.70): E  
 Ion 199.00 (198.70 to 199.70): E

