

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN020320\  
 Data File : BN009567.D  
 Acq On : 04 Feb 2020 16:51  
 Operator : CG/JU  
 Sample : L1302-05  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Feb 05 00:25:39 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020320MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Feb 03 16:39:56 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.44  | 152  | 128991   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.19 | 136  | 549566   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.07 | 164  | 343327   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.83 | 188  | 725102   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.05 | 240  | 676695   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.16 | 264  | 752613   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |      |       |      |
|--------------------------------|-------|-----|--------|------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.08  | 96  | 3695   | 1.18 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.64  | 99  | 72057  | 6.40 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.80  | 67  | 55305  | 7.32 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.98  | 132 | 58951  | 7.12 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.16  | 113 | 37946  | 4.24 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.58  | 128 | 28015  | 6.85 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.30  | 143 | 29583  | 6.49 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.83  | 165 | 52629  | 6.16 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.35 | 131 | 52949  | 5.76 | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6       | 13.50 | 166 | 187854 | 7.50 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.76 | 160 | 213987 | 7.07 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.32 | 143 | 15068  | 3.18 | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.08 | 176 | 163324 | 7.41 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.23 | 200 | 14028  | 3.10 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 16.93 | 188 | 246303 | 7.48 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.23 | 212 | 296771 | 8.34 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.02 | 264 | 296669 | 8.01 | ng/ul | 0.00 |

## Target Compounds

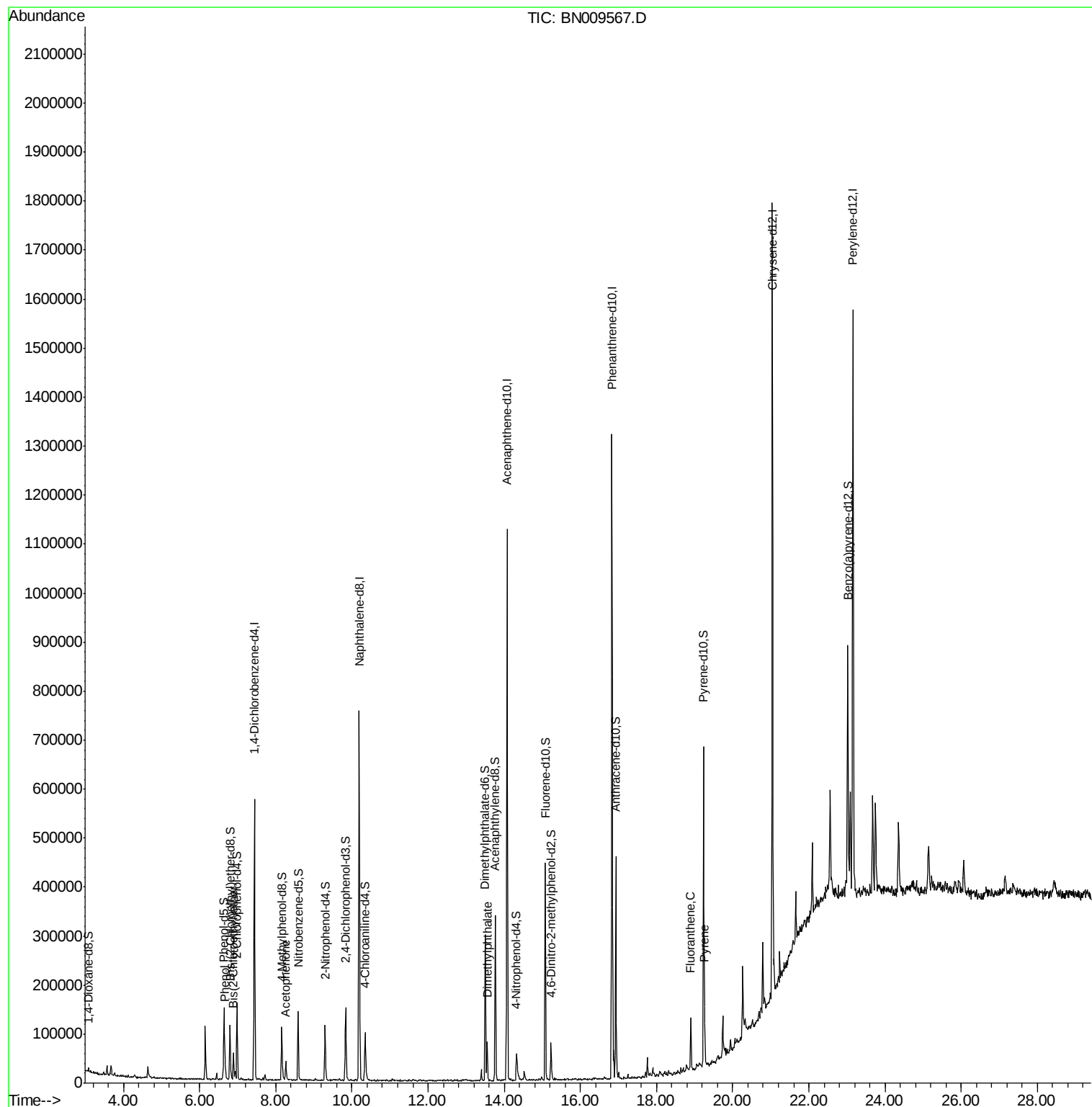
|                            |       |     |       |       | Ovalue    |
|----------------------------|-------|-----|-------|-------|-----------|
| 6) Phenol                  | 6.66  | 94  | 13248 | 1.102 | ng/ul# 86 |
| 8) Bis(2-Chloroethyl)ether | 6.89  | 93  | 16269 | 1.735 | ng/ul# 13 |
| 14) Acetophenone           | 8.26  | 105 | 19848 | 1.385 | ng/ul 93  |
| 44) Dimethylphthalate      | 13.55 | 163 | 46488 | 1.748 | ng/ul 98  |
| 76) Fluoranthene           | 18.90 | 202 | 61822 | 1.310 | ng/ul 98  |
| 79) Pyrene                 | 19.26 | 202 | 63565 | 1.287 | ng/ul# 94 |

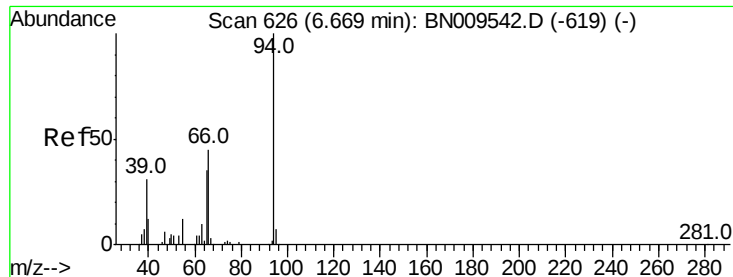
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
QLast Update : Mon Feb 03 16:39:56 2020  
Response via : Initial Calibration





#6

Phenol

Concen: 1.102 ng/ul

RT: 6.66 min Scan# 625

Delta R.T. -0.01 min

Lab File: BN009567.D

Acq: 04 Feb 2020 16:51

Instrument :

BNA\_N

ClientSampleId :

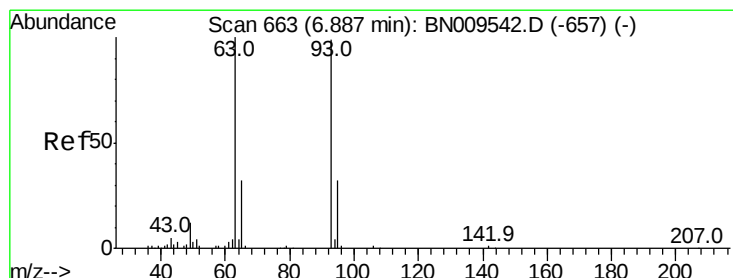
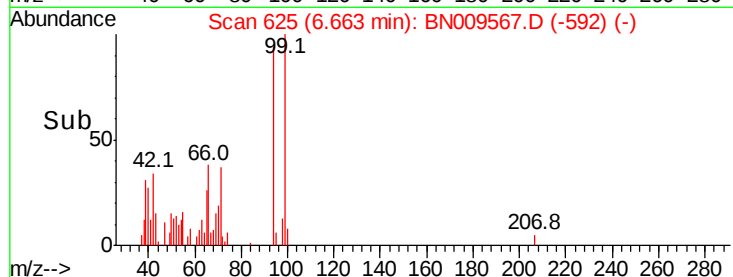
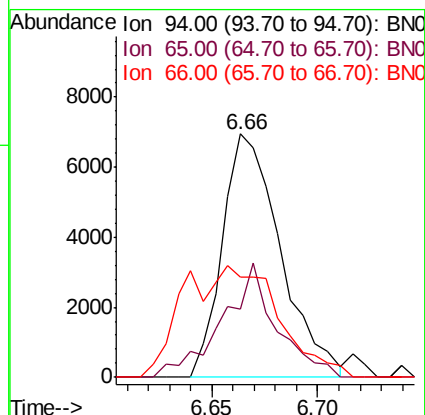
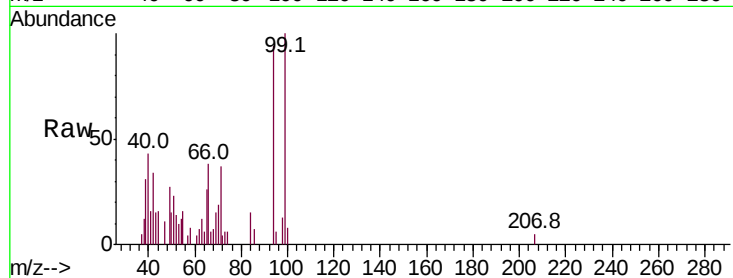
Tot Ion: 94 Resp: 13248

Ion Ratio Lower Upper

94 100

65 27.9 29.8 44.6#

66 41.1 39.5 59.3



#8

Bis(2-Chloroethyl)ether

Concen: 1.735 ng/ul

RT: 6.89 min Scan# 663

Delta R.T. 0.00 min

Lab File: BN009567.D

Acq: 04 Feb 2020 16:51

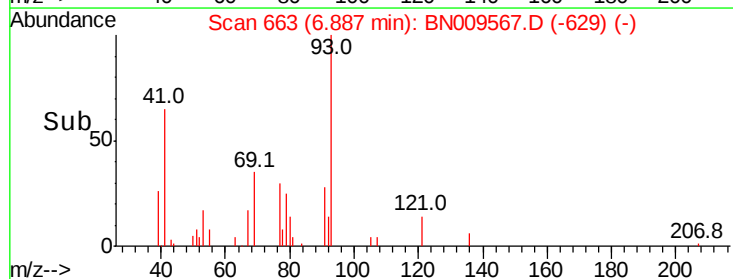
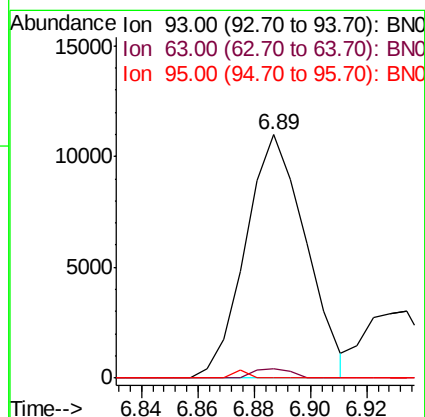
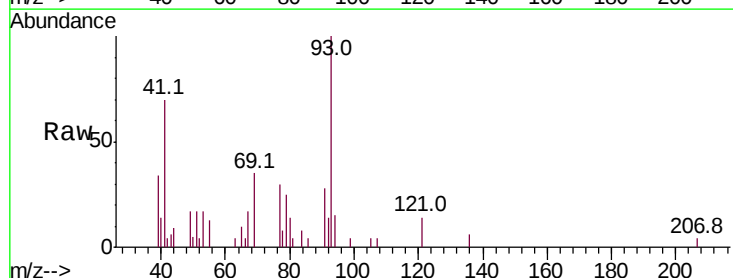
Tgt Ion: 93 Resp: 16269

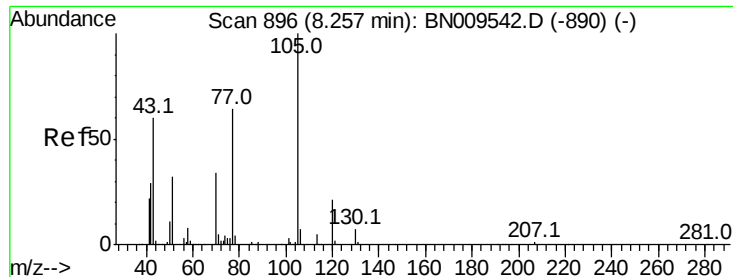
Ion Ratio Lower Upper

93 100

63 3.9 80.2 120.4#

95 0.0 25.0 37.6#





#14

Acetophenone

Concen: 1.385 ng/ul

RT: 8.26 min Scan# 897

Delta R.T. 0.01 min

Lab File: BN009567.D

Acq: 04 Feb 2020 16:51

Instrument :

BNA\_N

ClientSampleId :

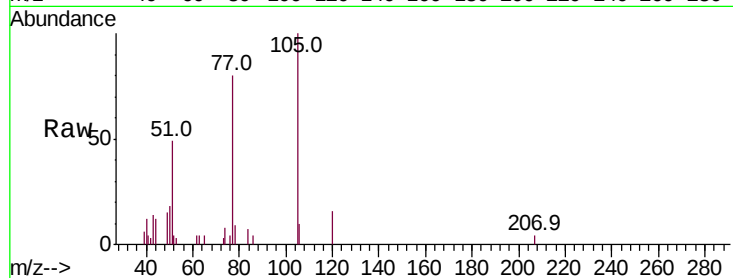
Tot Ion:105 Resp: 19848

Ion Ratio Lower Upper

105 100

77 79.8 67.7 101.5

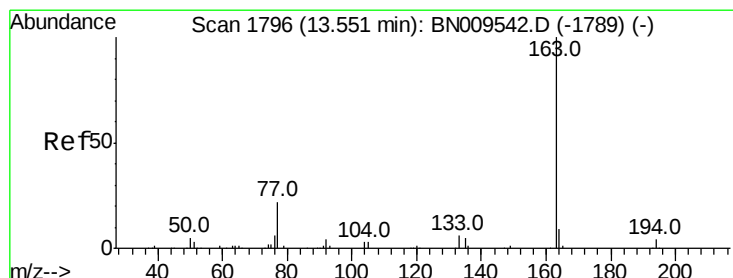
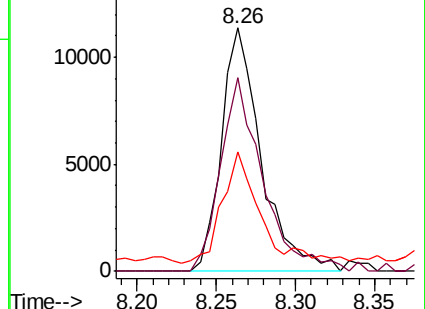
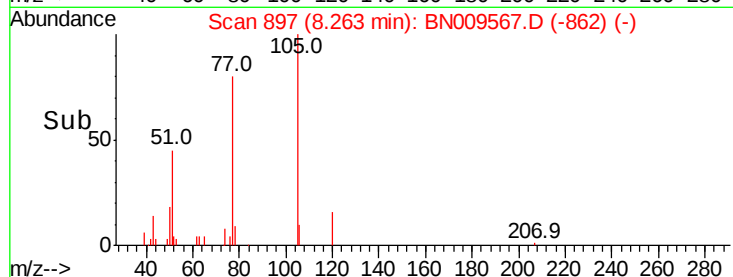
51 49.0 34.3 51.5



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNO

Ion 51.00 (50.70 to 51.70): BNO



#44

Dimethylphthalate

Concen: 1.748 ng/ul

RT: 13.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BN009567.D

Acq: 04 Feb 2020 16:51

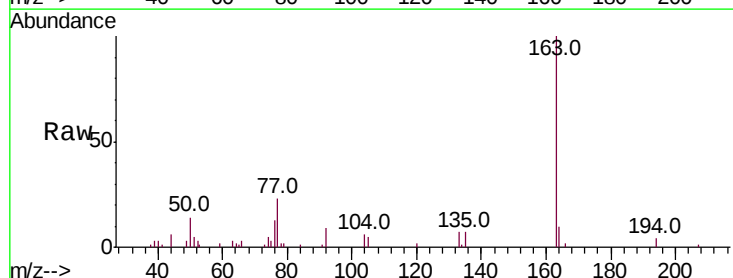
Tgt Ion:163 Resp: 46488

Ion Ratio Lower Upper

163 100

194 3.7 3.5 5.3

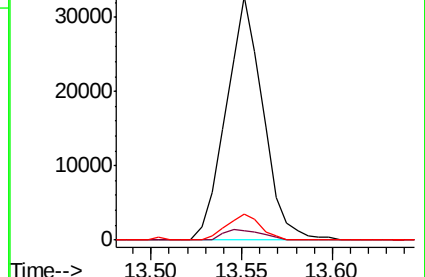
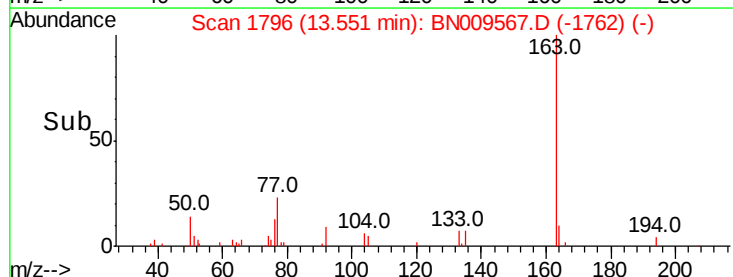
164 10.5 8.0 12.0

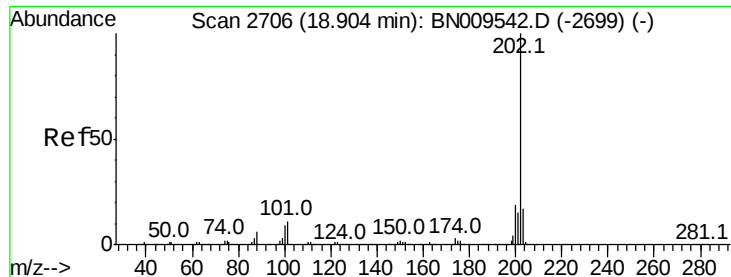


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#76

Fluoranthene

Concen: 1.310 ng/ul

RT: 18.90 min Scan# 2706

Delta R.T. 0.00 min

Lab File: BN009567.D

Acq: 04 Feb 2020 16:51

Instrument :

BNA\_N

ClientSampleId :

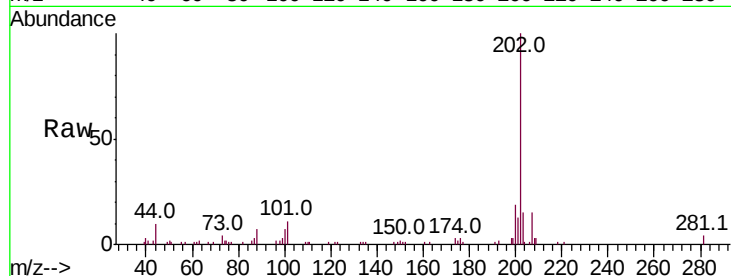
Tot Ion:202 Resp: 61822

Ion Ratio Lower Upper

202 100

101 11.3 9.2 13.8

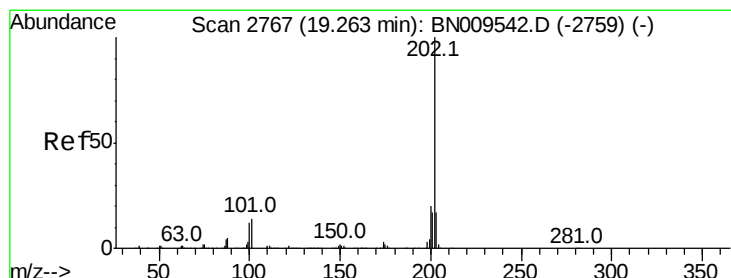
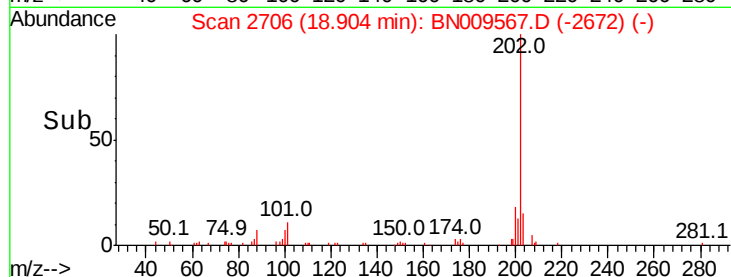
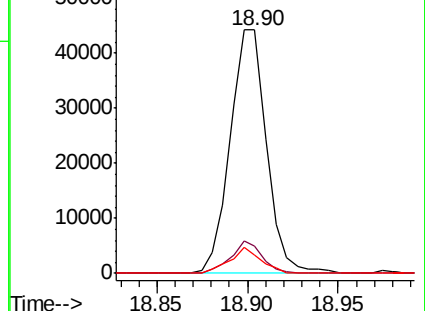
100 7.4 6.9 10.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 1.287 ng/ul

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BN009567.D

Acq: 04 Feb 2020 16:51

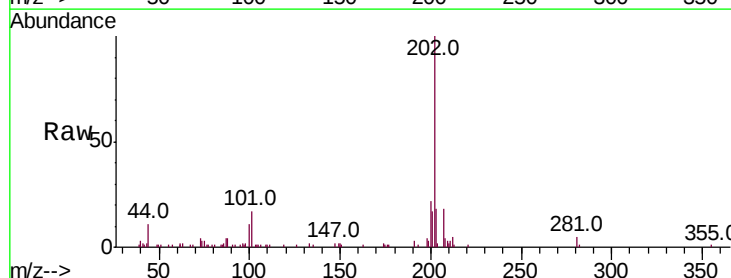
Tgt Ion:202 Resp: 63565

Ion Ratio Lower Upper

202 100

101 16.9 10.3 15.5#

100 11.0 8.4 12.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

