

Data File : BP000956.D  
Acq On : 22 Oct 2019 21:29  
Operator : JU  
Sample : K5378-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0009

Quant Time: Oct 23 05:38:56 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP100919MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 23 05:34:10 2019  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.74  | 152  | 111668   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 8.02  | 136  | 406140   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 9.79  | 164  | 237392   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 11.28 | 188  | 532337   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 13.96 | 240  | 396039   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 15.43 | 264  | 452343   | 20.00 | ng/ul | 0.00     |

System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 2.35  | 96  | 9559   | 3.55  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.38  | 99  | 137091 | 15.92 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.42  | 67  | 70202  | 16.30 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.51  | 132 | 134779 | 18.57 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 7.13  | 113 | 110622 | 16.81 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 7.30  | 128 | 61655  | 19.97 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 7.62  | 143 | 76349  | 23.22 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 7.88  | 165 | 128152 | 20.37 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 8.08  | 131 | 173733 | 24.83 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 9.47  | 166 | 383895 | 23.10 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 9.63  | 160 | 456147 | 22.31 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 9.91  | 143 | 28936  | 11.30 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 10.30 | 176 | 307467 | 21.62 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 10.39 | 200 | 30544  | 12.05 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 11.34 | 188 | 514334 | 20.86 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 12.72 | 212 | 482830 | 21.56 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 15.34 | 264 | 491480 | 22.01 | ng/ul | 0.00 |

Target Compounds

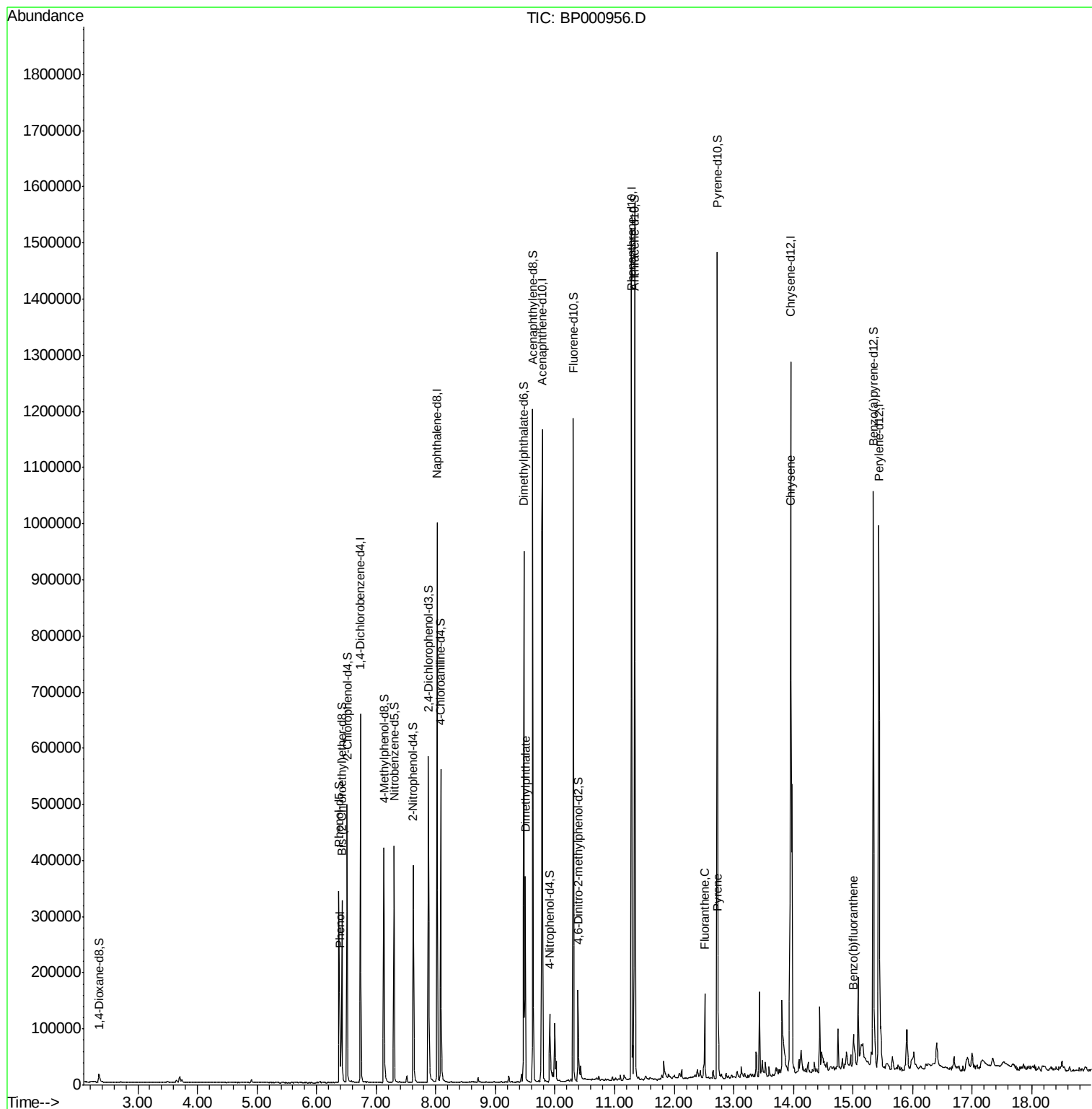
|                          |       |     |        |       | Qvalue |    |
|--------------------------|-------|-----|--------|-------|--------|----|
| 6) Phenol                | 6.39  | 94  | 19235  | 2.215 | ng/ul# | 91 |
| 45) Dimethylphthalate    | 9.50  | 163 | 132150 | 7.981 | ng/ul  | 99 |
| 77) Fluoranthene         | 12.51 | 202 | 57830  | 1.945 | ng/ul  | 96 |
| 80) Pyrene               | 12.74 | 202 | 36257  | 1.290 | ng/ul  | 97 |
| 85) Chrysene             | 13.95 | 228 | 26141  | 1.058 | ng/ul  | 96 |
| 88) Benzo(b)fluoranthene | 15.01 | 252 | 32291  | 1.196 | ng/ul  | 99 |

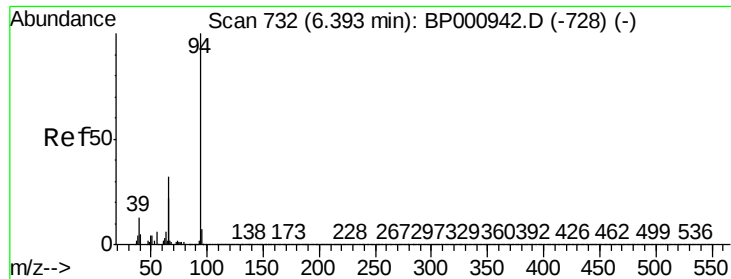
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BP000956.D  
Acq On : 22 Oct 2019 21:29  
Operator : JU  
Sample : K5378-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
C0009

Quant Time: Oct 23 05:38:56 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SOM-EPA-BP100919MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Oct 23 05:34:10 2019  
Response via : Initial Calibration





#6

Phenol

Concen: 2.215 ng/ul

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BP000956.D

Acq: 22 Oct 2019 21:29

Instrument :

BNA\_P

ClientSampleId :

C0009

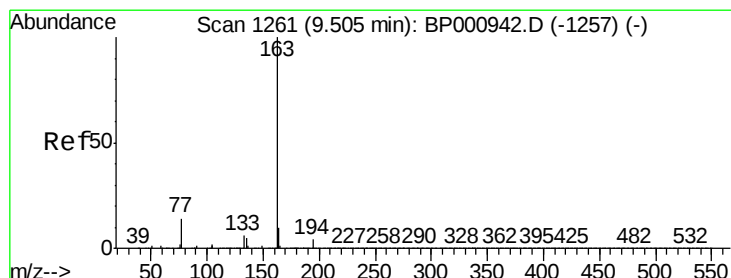
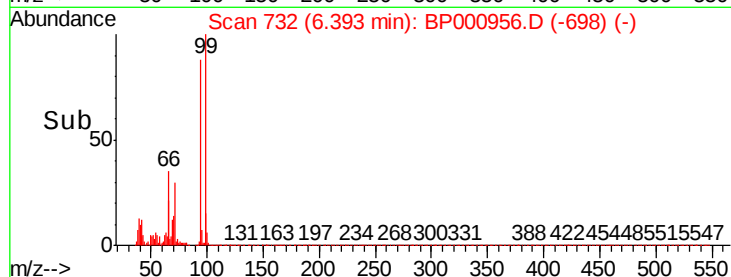
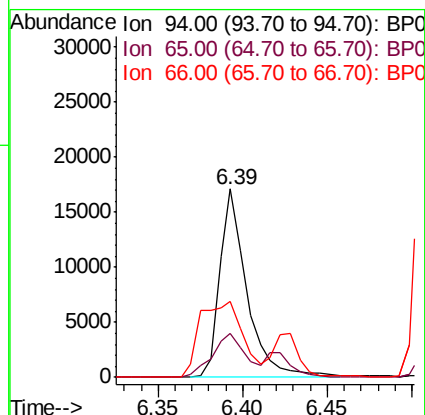
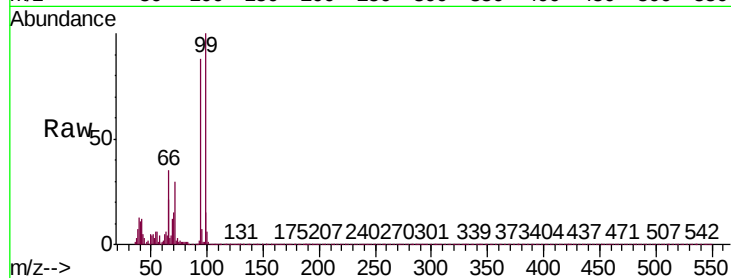
Tgt Ion: 94 Resp: 19235

Ion Ratio Lower Upper

94 100

65 23.6 19.2 28.8

66 40.1 25.7 38.5#



#45

Dimethylphthalate

Concen: 7.981 ng/ul

RT: 9.50 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BP000956.D

Acq: 22 Oct 2019 21:29

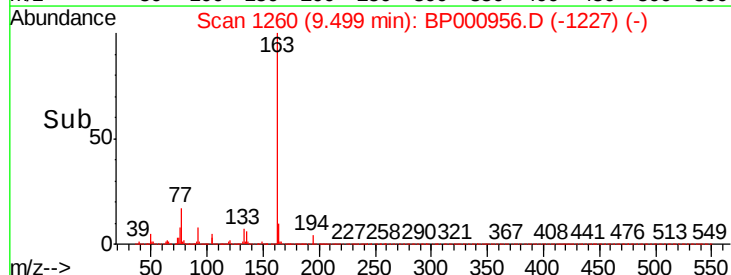
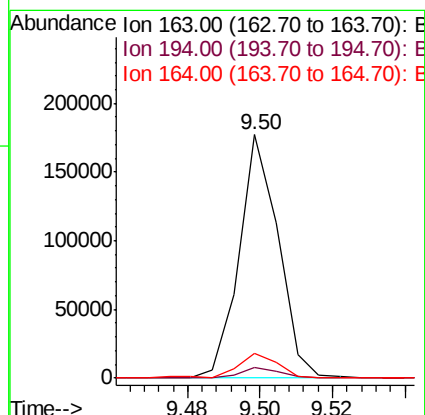
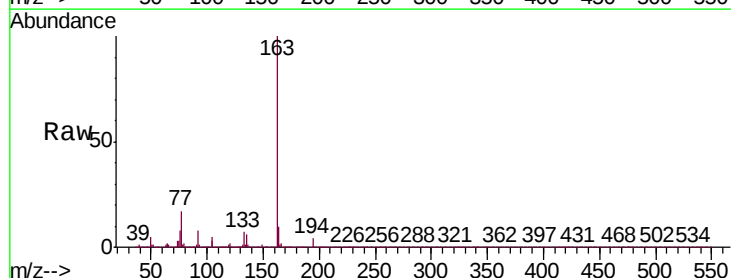
Tgt Ion: 163 Resp: 132150

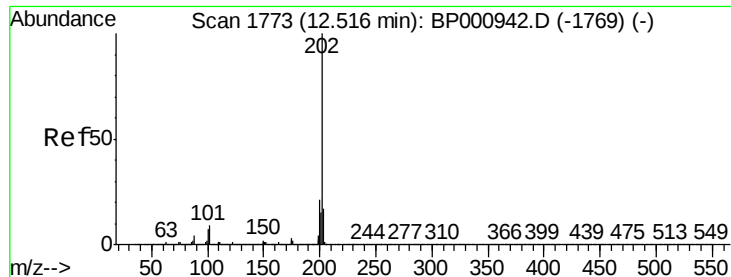
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 10.4 8.1 12.1





#77

Fluoranthene

Concen: 1.945 ng/ul

RT: 12.51 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BP000956.D

Acq: 22 Oct 2019 21:29

Instrument :

BNA\_P

ClientSampleId :

C0009

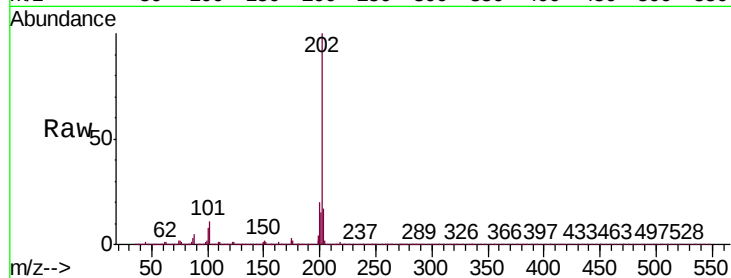
Tgt Ion:202 Resp: 57830

Ion Ratio Lower Upper

202 100

101 10.6 9.8 14.6

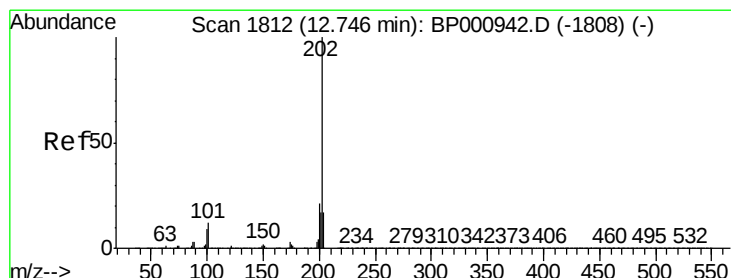
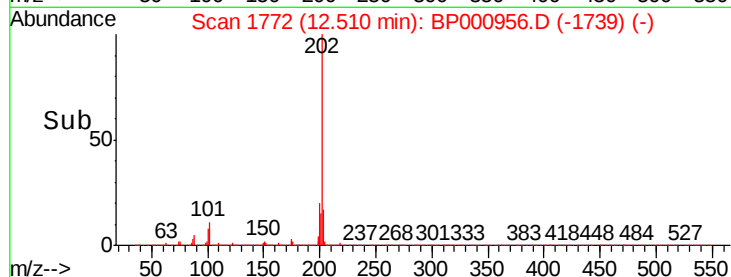
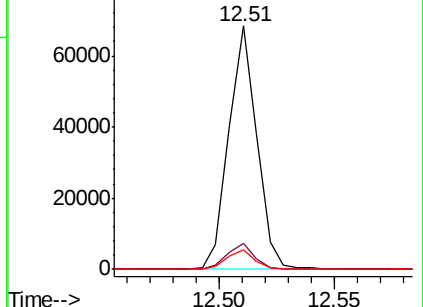
100 7.8 7.2 10.8



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): BF



#80

Pyrene

Concen: 1.290 ng/ul

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BP000956.D

Acq: 22 Oct 2019 21:29

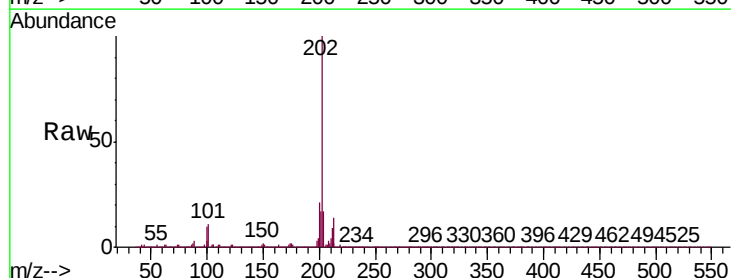
Tgt Ion:202 Resp: 36257

Ion Ratio Lower Upper

202 100

101 10.7 9.7 14.5

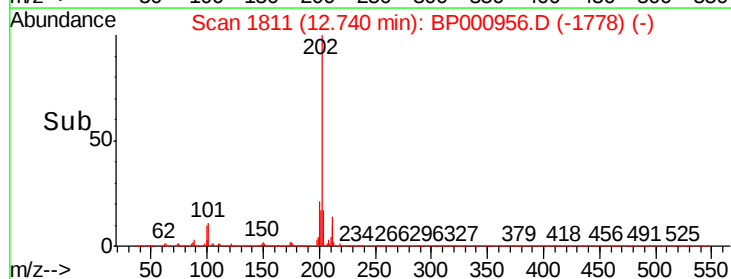
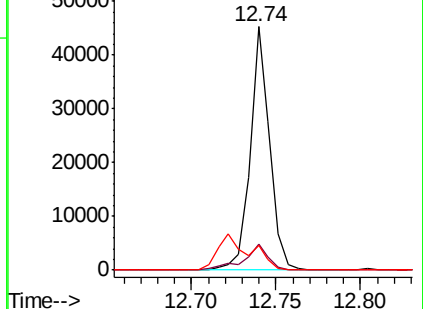
100 10.3 7.8 11.8

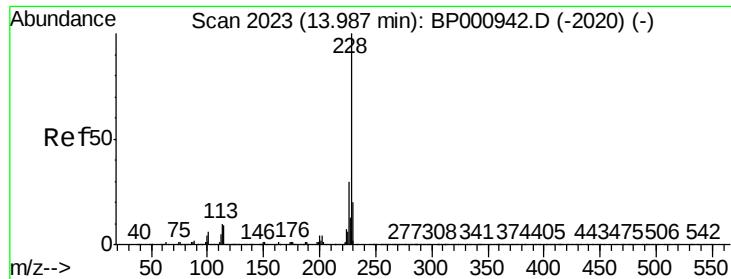


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BF





#85

Chrysene

Concen: 1.058 ng/ul

RT: 13.95 min Scan# 2016

Delta R.T. -0.04 min

Lab File: BP000956.D

Acq: 22 Oct 2019 21:29

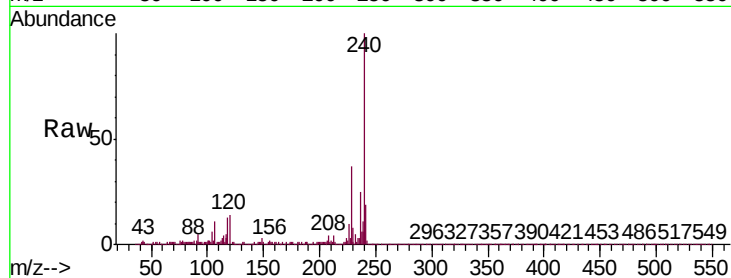
Instrument :

BNA\_P

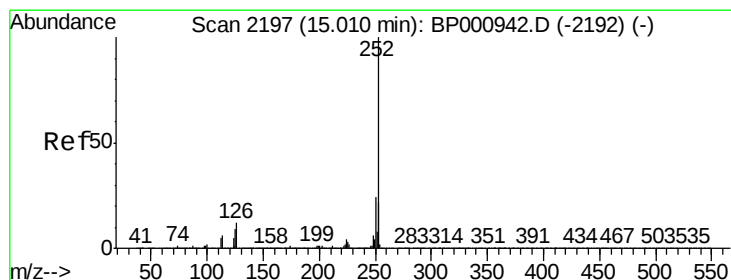
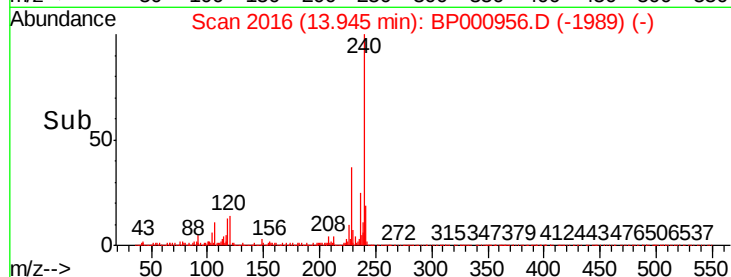
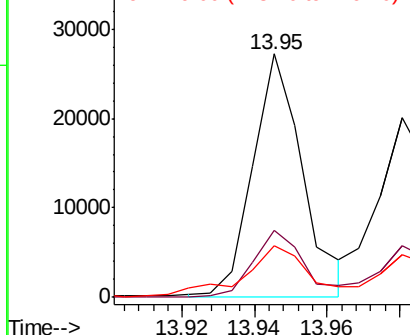
ClientSampleId :

C0009

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 228   | Resp: | 26141 |
| Ion      | Ratio | Lower | Upper |
| 228      | 100   |       |       |
| 226      | 27.5  | 24.2  | 36.4  |
| 229      | 21.2  | 15.8  | 23.6  |



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



#88

Benzo(b)fluoranthene

Concen: 1.196 ng/ul

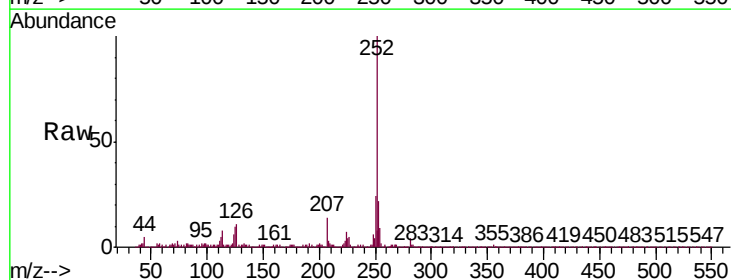
RT: 15.01 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BP000956.D

Acq: 22 Oct 2019 21:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 252   | Resp: | 32291 |
| Ion      | Ratio | Lower | Upper |
| 252      | 100   |       |       |
| 253      | 21.7  | 17.6  | 26.4  |
| 125      | 10.2  | 8.7   | 13.1  |



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

