

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM100119\  
 Data File : BM022874.D  
 Acq On : 02 Oct 2019 03:45  
 Operator : JU  
 Sample : K4932-06  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BFDG8

Quant Time: Oct 02 14:03:33 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM092719MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Sep 27 18:03:27 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.80  | 152  | 341419   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.59 | 136  | 1470464  | 20.00 | ng/ul | -0.01    |
| 36) Acenaphthene-d10      | 14.44 | 164  | 841031   | 20.00 | ng/ul | -0.01    |
| 62) Phenanthrene-d10      | 17.18 | 188  | 1454729  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.35 | 240  | 1077822  | 20.00 | ng/ul | -0.02    |
| 86) Perylene-d12          | 23.62 | 264  | 1231121  | 20.00 | ng/ul | -0.02    |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.27  | 96  | 37525   | 4.75  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.97  | 99  | 220973  | 7.33  | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.13  | 67  | 412232  | 24.97 | ng/ul | -0.01 |
| 9) 2-Chlorophenol-d4           | 7.33  | 132 | 520122  | 21.41 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8          | 8.50  | 113 | 357290  | 14.47 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5            | 8.96  | 128 | 306504  | 27.01 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.67  | 143 | 332065  | 26.80 | ng/ul | -0.01 |
| 26) 2,4-Dichlorophenol-d3      | 10.22 | 165 | 597160  | 24.20 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4         | 10.72 | 131 | 718998  | 23.99 | ng/ul | -0.01 |
| 44) Dimethylphthalate-d6       | 13.85 | 166 | 1704673 | 26.12 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 14.13 | 160 | 1988958 | 26.39 | ng/ul | 0.00  |
| 52) 4-Nitrophenol-d4           | 14.63 | 143 | 77936   | 6.04  | ng/ul | 0.00  |
| 58) Fluorene-d10               | 15.43 | 176 | 1385861 | 24.91 | ng/ul | -0.01 |
| 63) 4,6-Dinitro-2-methylphenol | 15.54 | 200 | 235557  | 24.88 | ng/ul | -0.01 |
| 71) Anthracene-d10             | 17.27 | 188 | 1907909 | 26.86 | ng/ul | -0.01 |
| 79) Pyrene-d10                 | 19.57 | 212 | 1808095 | 31.17 | ng/ul | -0.01 |
| 90) Benzo(a)pyrene-d12         | 23.47 | 264 | 1713163 | 26.90 | ng/ul | -0.02 |

## Target Compounds

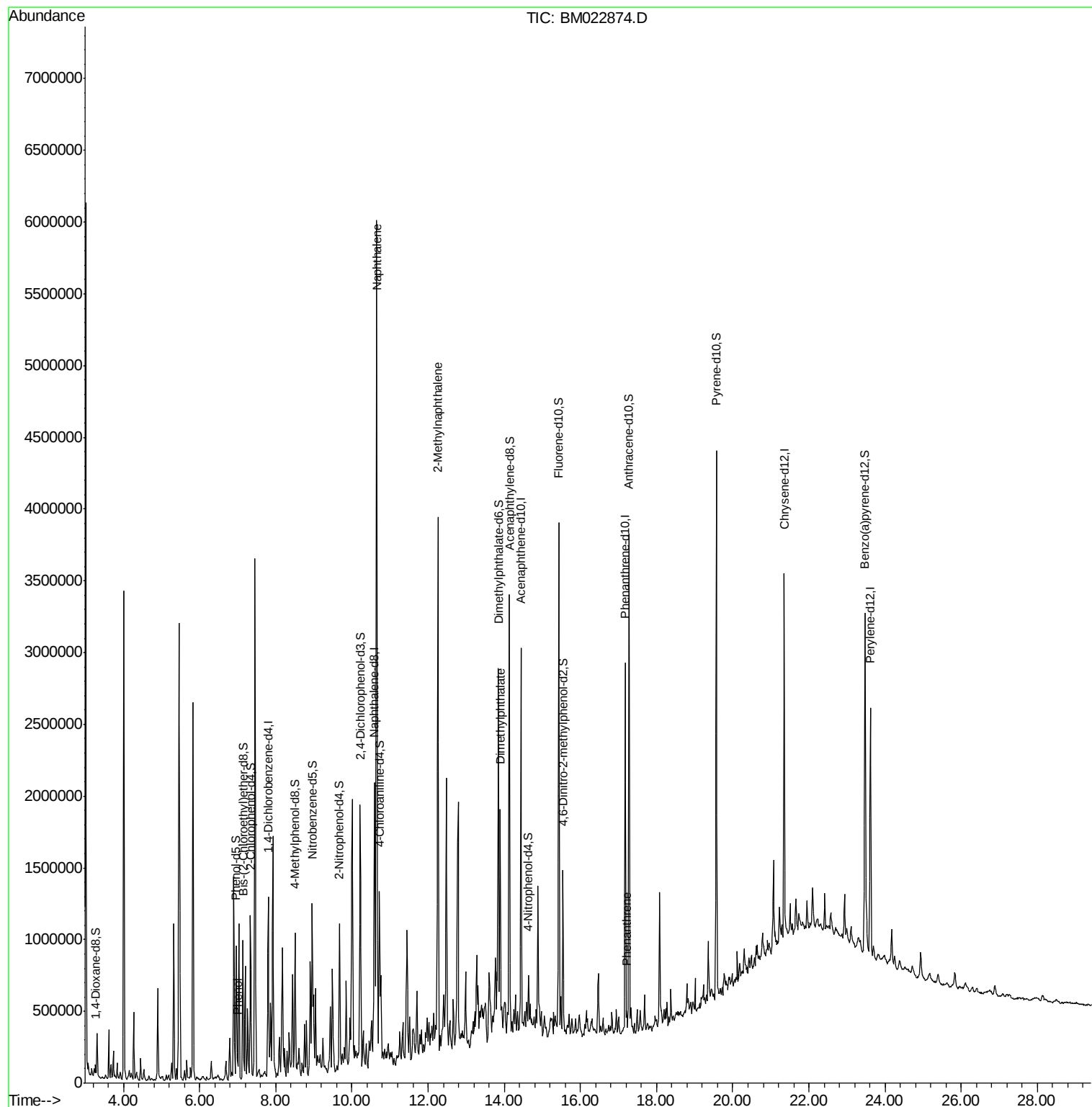
|                         |       |     |         |        | Qvalue   |
|-------------------------|-------|-----|---------|--------|----------|
| 6) Phenol               | 7.00  | 94  | 51846   | 1.639  | ng/ul 96 |
| 28) Naphthalene         | 10.65 | 128 | 4422112 | 55.684 | ng/ul 99 |
| 34) 2-Methylnaphthalene | 12.26 | 142 | 1692175 | 28.420 | ng/ul 98 |
| 45) Dimethylphthalate   | 13.89 | 163 | 390810  | 5.828  | ng/ul 98 |
| 70) Phenanthrene        | 17.22 | 178 | 88815   | 1.023  | ng/ul 97 |

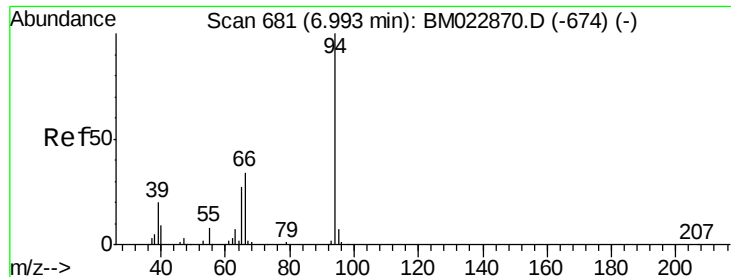
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.639 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM022874.D

Acq: 02 Oct 2019 03:45

Instrument :

BNA\_M

ClientSampled :

BFDG8

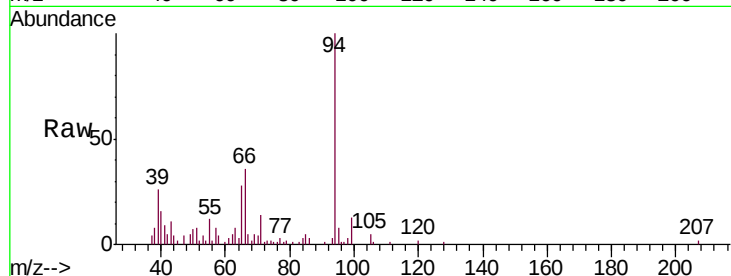
Tgt Ion: 94 Resp: 51846

Ion Ratio Lower Upper

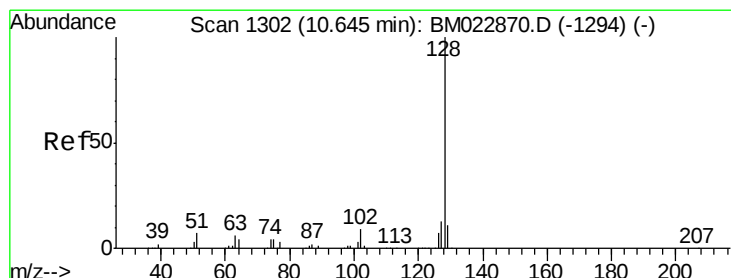
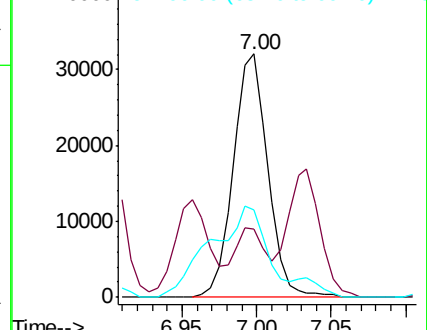
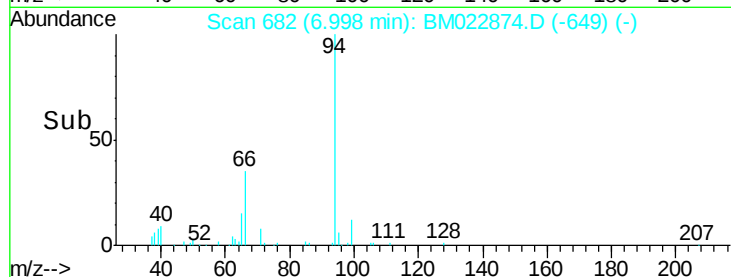
94 100

65 27.9 20.9 31.3

66 36.1 27.2 40.8



Abundance Ion 94.00 (93.70 to 94.70): BM022874.D (-649) (-)



#28

Naphthalene

Concen: 55.684 ng/ul

RT: 10.65 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BM022874.D

Acq: 02 Oct 2019 03:45

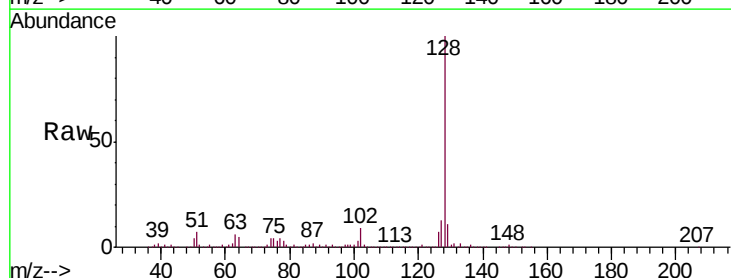
Tgt Ion: 128 Resp: 4422112

Ion Ratio Lower Upper

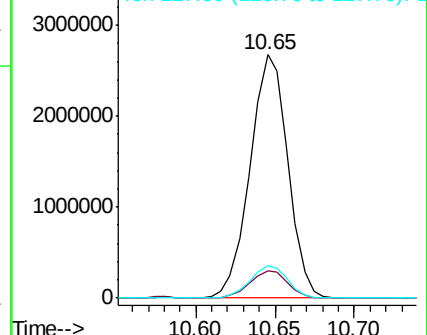
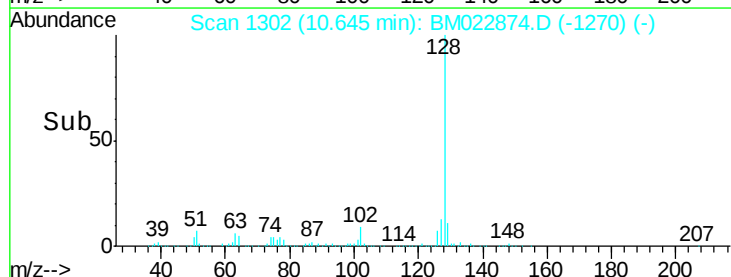
128 100

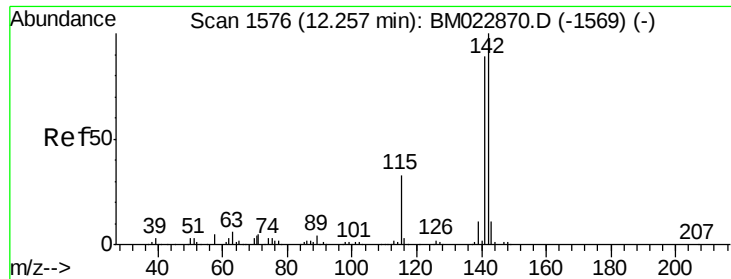
129 11.4 8.6 13.0

127 13.3 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): BM022874.D (-1270) (-)

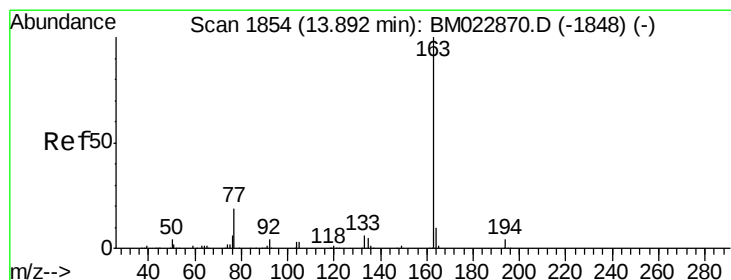
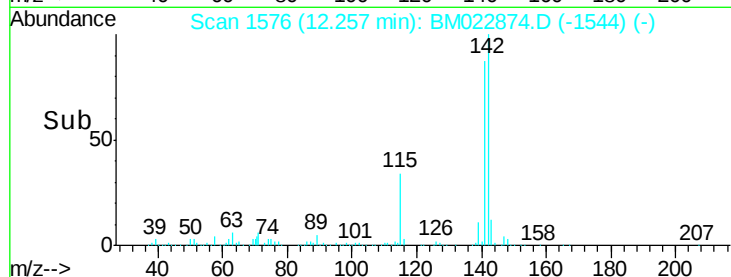
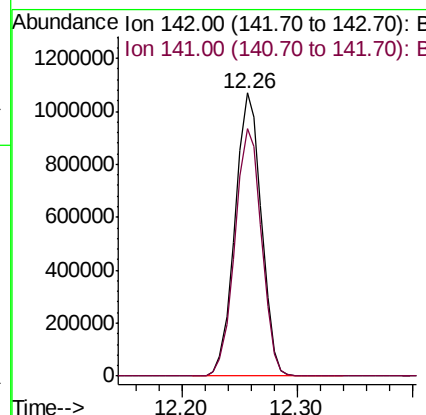
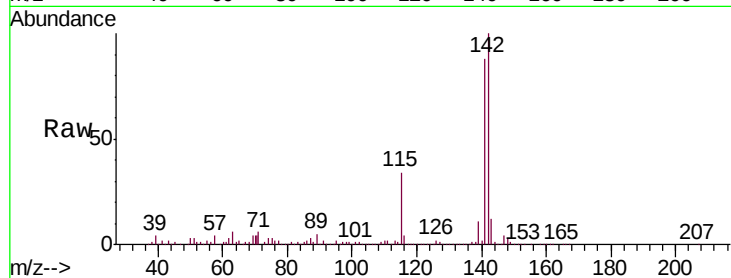




#34  
2-Methylnaphthalene  
Concen: 28.420 ng/ul  
RT: 12.26 min Scan# 1576  
Delta R.T. -0.01 min  
Lab File: BM022874.D  
Acq: 02 Oct 2019 03:45

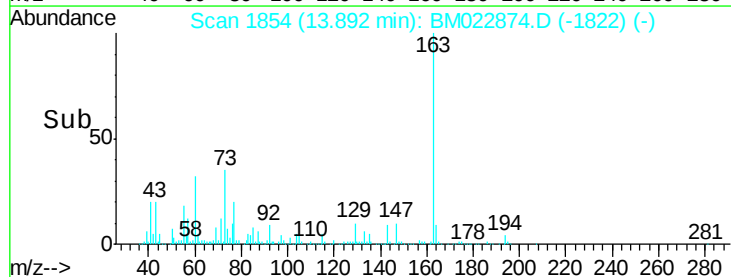
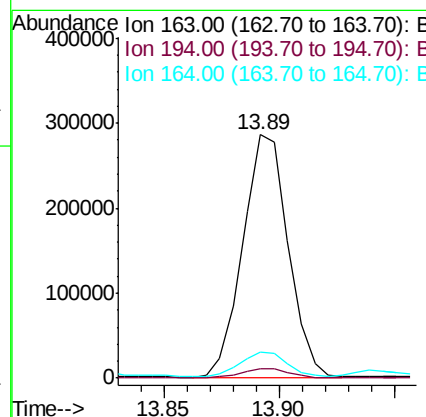
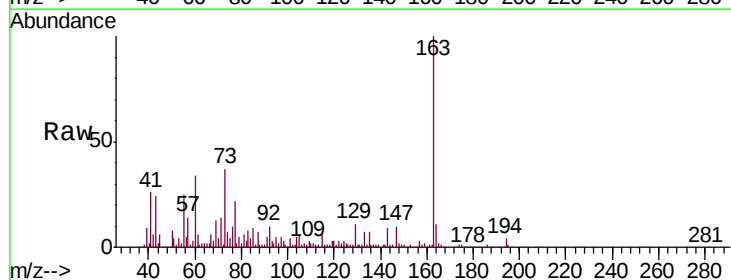
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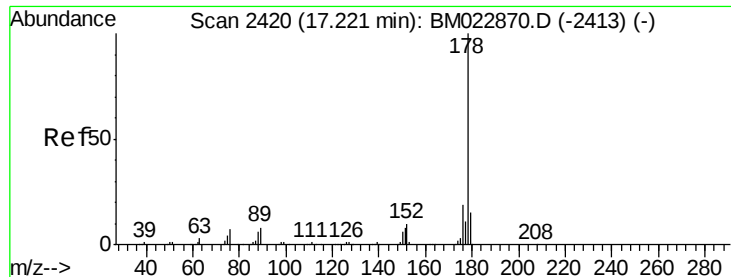
Tgt Ion:142 Resp: 1692175  
Ion Ratio Lower Upper  
142 100  
141 87.5 71.2 106.8



#45  
Dimethylphthalate  
Concen: 5.828 ng/ul  
RT: 13.89 min Scan# 1854  
Delta R.T. -0.01 min  
Lab File: BM022874.D  
Acq: 02 Oct 2019 03:45

Tgt Ion:163 Resp: 390810  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.4 5.0  
164 10.9 8.1 12.1





#70

Phenanthrene

Concen: 1.023 ng/ul

RT: 17.22 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM022874.D

Acq: 02 Oct 2019 03:45

Instrument :

BNA\_M

ClientSampleId :

BFDG8

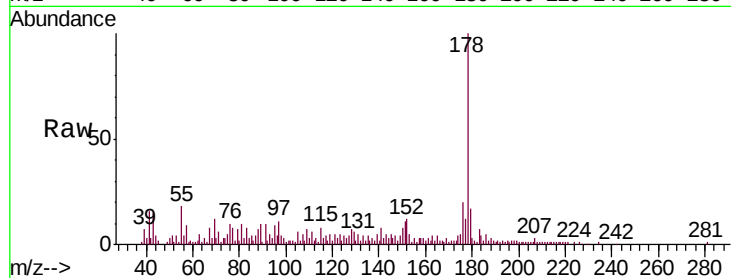
Tgt Ion:178 Resp: 88815

Ion Ratio Lower Upper

178 100

179 17.0 12.4 18.6

176 20.2 15.3 22.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

