

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112918\  
 Data File : BM017796.D  
 Acq On : 29 Nov 2018 12:31  
 Operator : JU/SJ  
 Sample : J5945-16  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Nov 29 14:06:16 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111918MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Nov 29 13:13:08 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.59  | 152  | 249194   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.36 | 136  | 1119058  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.23 | 164  | 651485   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.99 | 188  | 1427699  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.19 | 240  | 1294520  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.38 | 264  | 1120380  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.19  | 96  | 13565   | 2.49  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.77  | 99  | 370074  | 16.26 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.94  | 67  | 253716  | 18.49 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.12  | 132 | 307645  | 17.28 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.30  | 113 | 276636  | 14.88 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.74  | 128 | 173782  | 20.22 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.45  | 143 | 199208  | 20.23 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.99  | 165 | 354097  | 18.89 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.51 | 131 | 401036  | 24.92 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.66 | 166 | 1328376 | 23.50 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.92 | 160 | 1610489 | 23.54 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.47 | 143 | 161502  | 15.71 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.23 | 176 | 1176558 | 24.10 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.37 | 200 | 179293  | 17.57 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.09 | 188 | 1752725 | 24.66 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.39 | 212 | 1898388 | 30.31 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.24 | 264 | 1512869 | 24.90 | ng/ul | 0.00 |

## Target Compounds

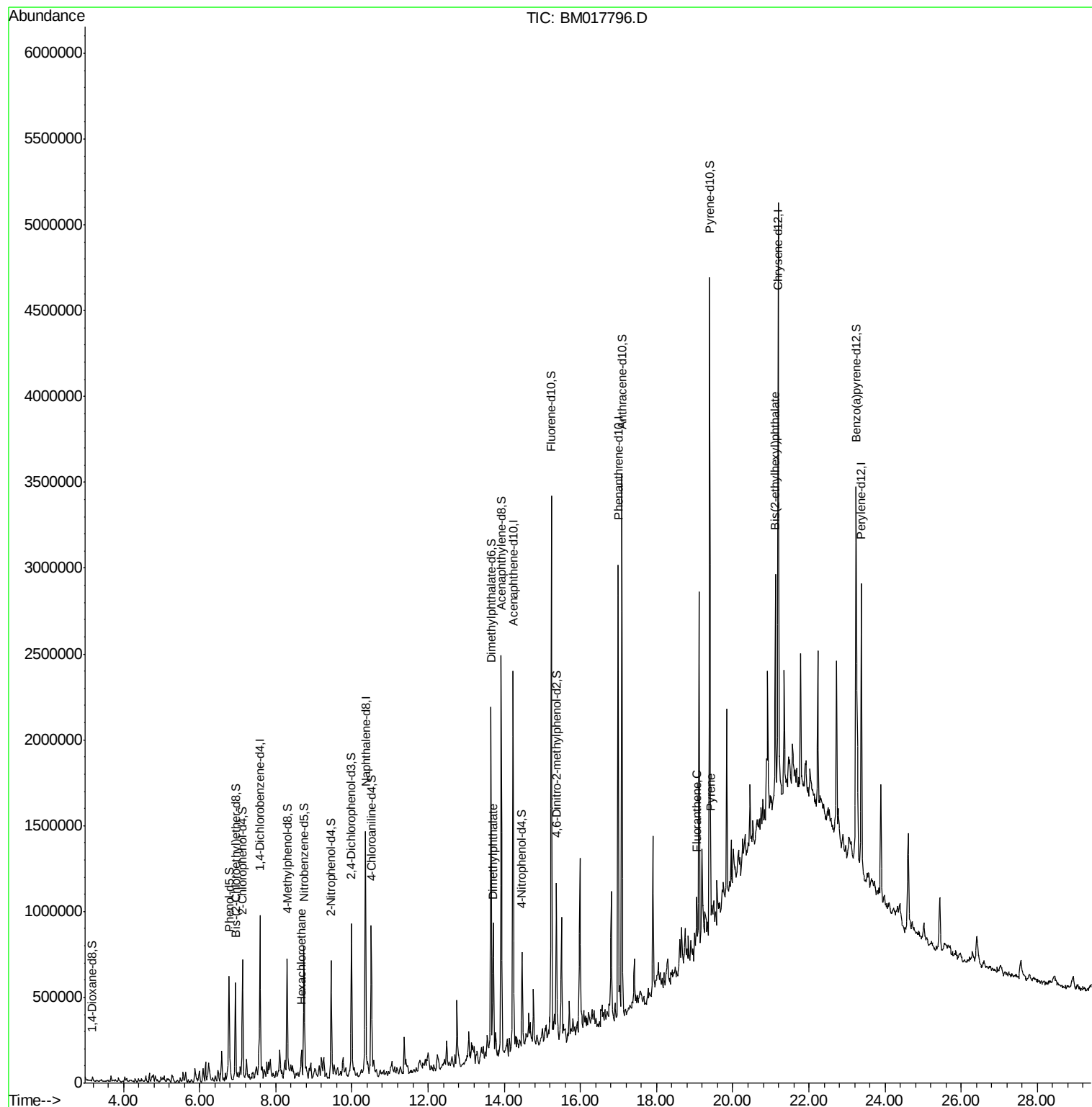
|                                |       |     |        | Ovalue |          |
|--------------------------------|-------|-----|--------|--------|----------|
| 17) Hexachloroethane           | 8.67  | 117 | 8312   | 1.152  | ng/ul# 8 |
| 44) Dimethylphthalate          | 13.70 | 163 | 193336 | 3.530  | ng/ul 98 |
| 76) Fluoranthene               | 19.06 | 202 | 121027 | 1.260  | ng/ul 99 |
| 79) Pyrene                     | 19.42 | 202 | 113782 | 1.448  | ng/ul 96 |
| 83) Bis(2-ethylhexyl)phthalate | 21.12 | 149 | 435473 | 8.752  | ng/ul 96 |

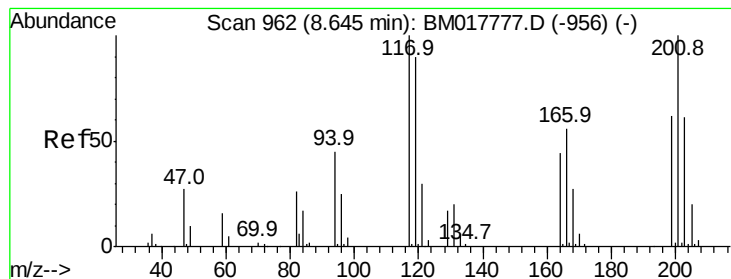
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
BNA\_M  
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Quant Time: Nov 29 14:06:16 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM11918MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Nov 29 13:13:08 2018  
Response via : Initial Calibration





#17

Hexachloroethane

Concen: 1.152 ng/ul

RT: 8.67 min Scan# 967

Delta R.T. 0.03 min

Lab File: BM017796.D

Acq: 29 Nov 2018 12:31

Instrument :

BNA\_M

ClientSampleId :

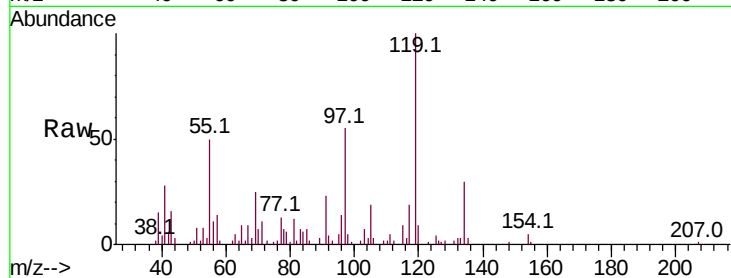
Tot Ion:117 Resp: 8312

Ion Ratio Lower Upper

117 100

201 0.0 78.2 117.2#

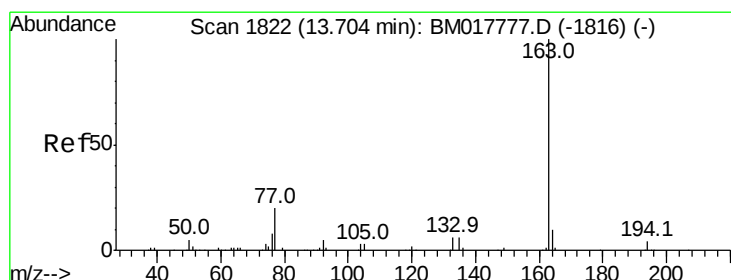
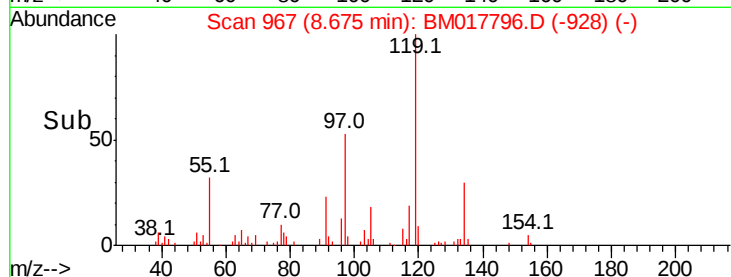
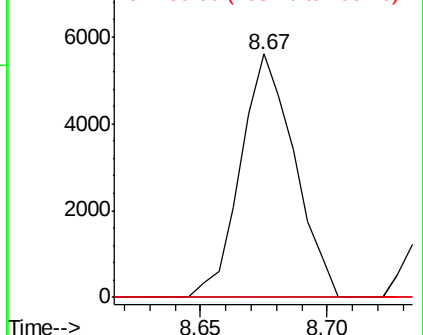
199 0.0 49.5 74.3#



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



#44

Dimethylphthalate

Concen: 3.530 ng/ul

RT: 13.70 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BM017796.D

Acq: 29 Nov 2018 12:31

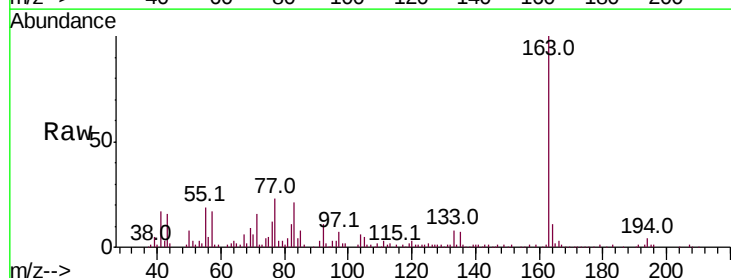
Tgt Ion:163 Resp: 193336

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

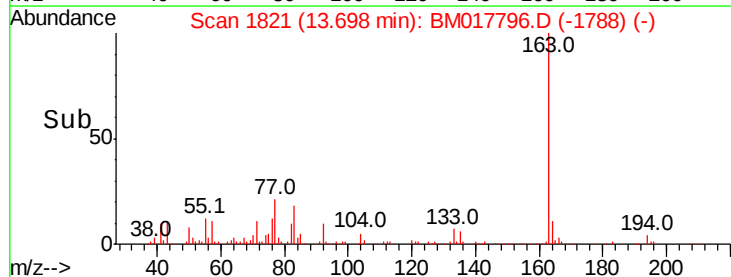
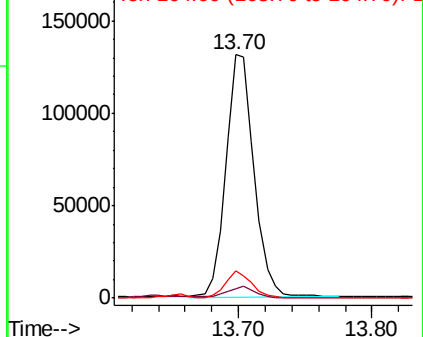
164 11.1 8.1 12.1

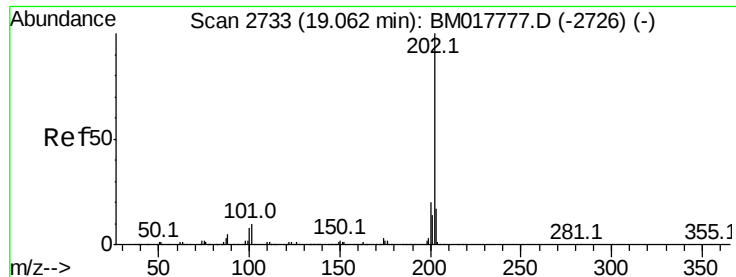


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

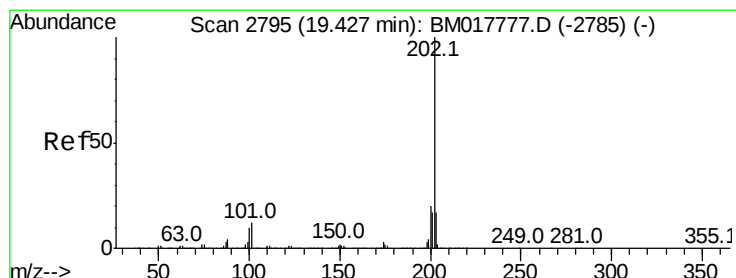
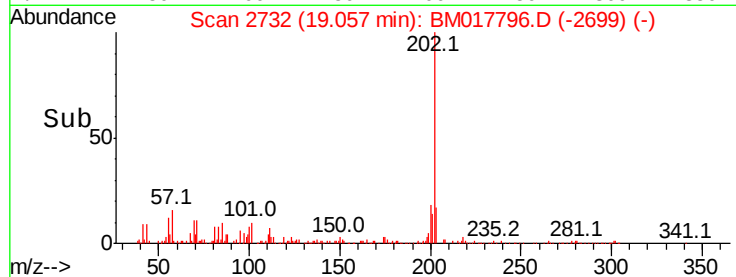
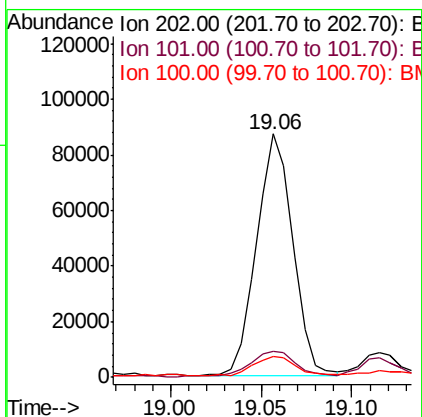
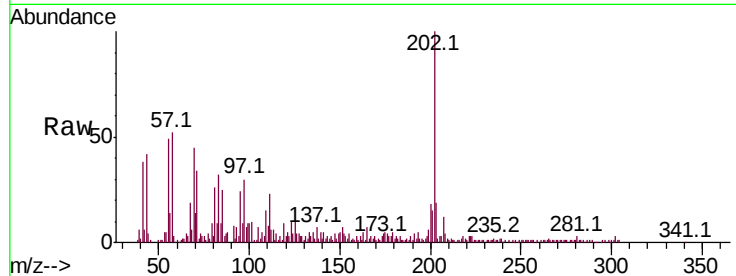




#76  
Fluoranthene  
Concen: 1.260 ng/ul  
RT: 19.06 min Scan# 2732  
Delta R.T. -0.01 min  
Lab File: BM017796.D  
Acq: 29 Nov 2018 12:31

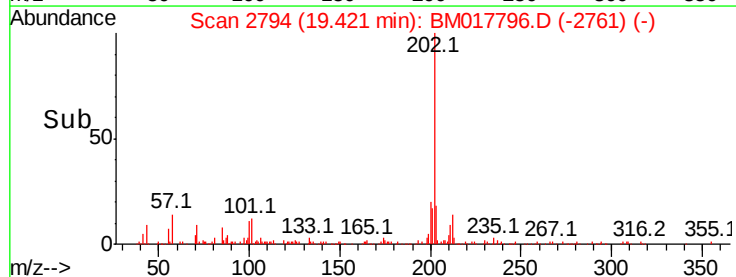
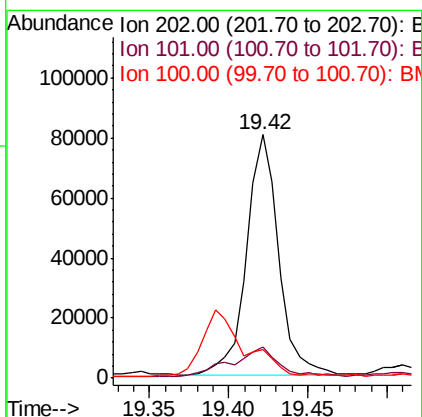
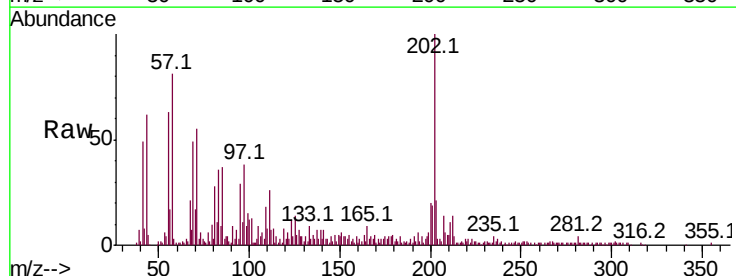
Instrument :  
BNA\_M  
ClientSampled :

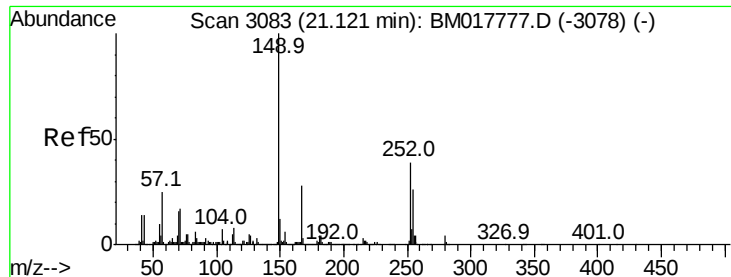
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 10.5  | 8.4   | 12.6  |
| 100     | 8.8   | 6.6   | 9.8   |



#79  
Pyrene  
Concen: 1.448 ng/ul  
RT: 19.42 min Scan# 2794  
Delta R.T. -0.01 min  
Lab File: BM017796.D  
Acq: 29 Nov 2018 12:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 13.0  | 9.6   | 14.4  |
| 100     | 11.7  | 7.9   | 11.9  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 8.752 ng/ul

RT: 21.12 min Scan# 3083

Delta R.T. -0.00 min

Lab File: BM017796.D

Acq: 29 Nov 2018 12:31

Instrument :

BNA\_M

ClientSampleId :

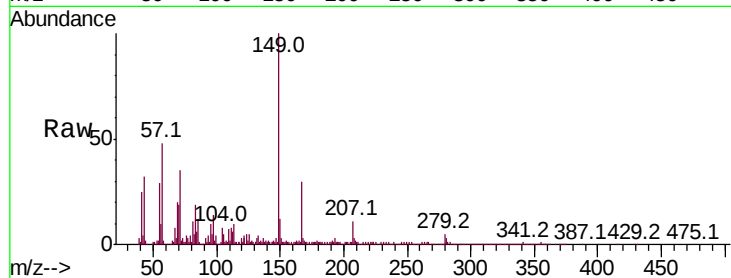
Tot Ion:149 Resp: 435473

Ion Ratio Lower Upper

149 100

167 29.9 21.9 32.9

279 4.8 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

