

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\  
 Data File : BM014929.D  
 Acq On : 02 May 2018 19:03  
 Operator : SJ/JU  
 Sample : J2631-07  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AH7

Quant Time: May 03 05:28:08 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu May 03 04:26:19 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.49  | 152  | 393123   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.34 | 136  | 1636610  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 15.10 | 164  | 815406   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.81 | 188  | 1593437  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.90 | 240  | 1511082  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 24.37 | 264  | 1571792  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.64  | 96  | 59141   | 6.57  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.62  | 99  | 1030210 | 33.90 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.80  | 67  | 745154  | 38.24 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 8.01  | 132 | 886825  | 34.88 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.19  | 113 | 778181  | 32.11 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.67  | 128 | 405369  | 34.26 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.40 | 143 | 418236  | 35.49 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.94 | 165 | 733927  | 30.66 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.46 | 131 | 1004250 | 42.50 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.49 | 166 | 2072223 | 32.56 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.80 | 160 | 2497544 | 31.78 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.26 | 143 | 294752  | 24.95 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 16.07 | 176 | 1731610 | 31.28 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.17 | 200 | 218081  | 25.29 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.91 | 188 | 2454388 | 33.05 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.15 | 212 | 2498994 | 34.95 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.22 | 264 | 2759683 | 35.74 | ng/ul | 0.00 |

## Target Compounds

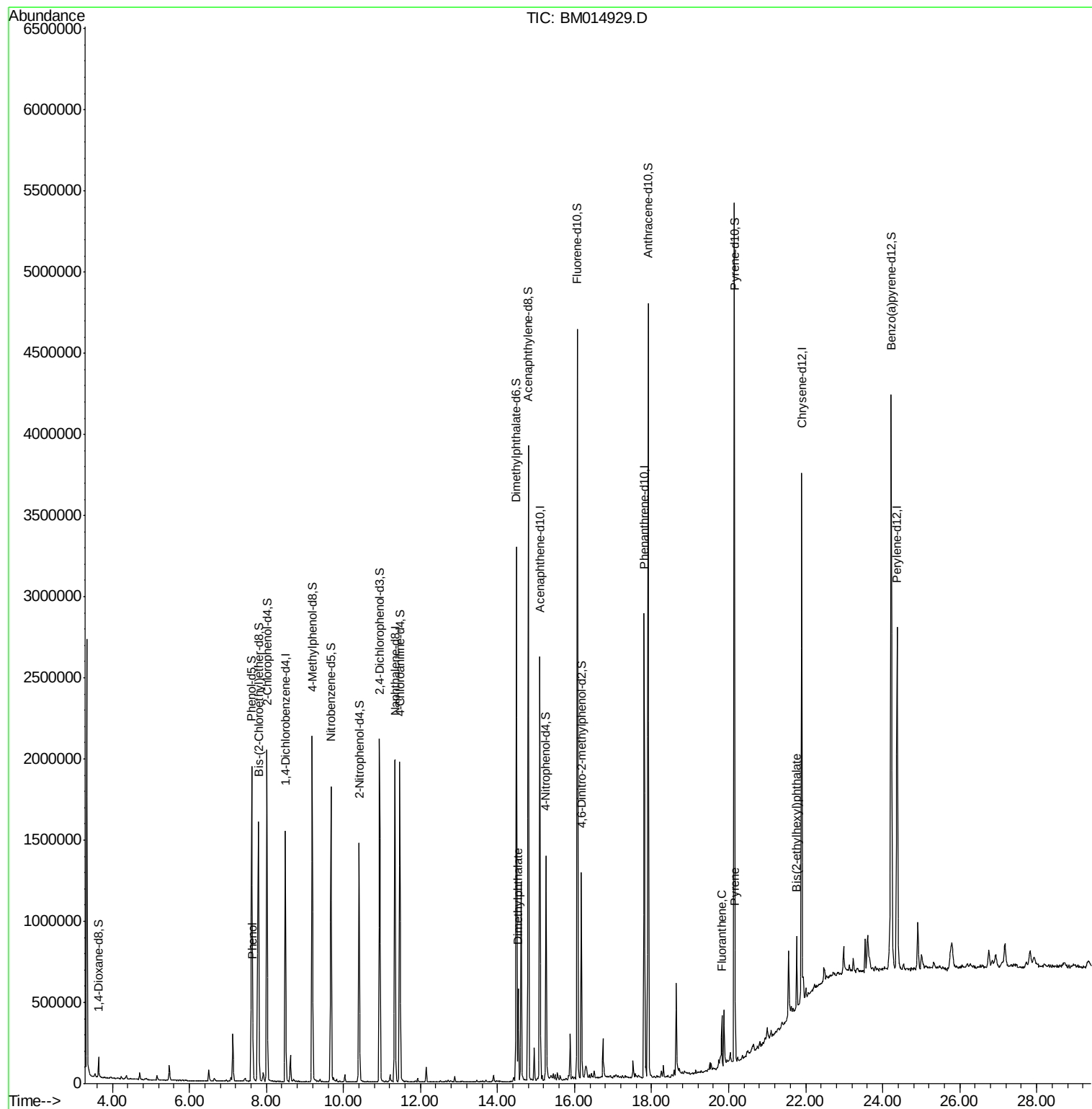
|                                |       |     |        |       | Ovalue |    |
|--------------------------------|-------|-----|--------|-------|--------|----|
| 6) Phenol                      | 7.65  | 94  | 149411 | 4.997 | ng/ul# | 81 |
| 44) Dimethylphthalate          | 14.53 | 163 | 315204 | 5.123 | ng/ul  | 99 |
| 74) Fluoranthene               | 19.82 | 202 | 168367 | 1.805 | ng/ul# | 81 |
| 77) Pyrene                     | 20.17 | 202 | 154379 | 1.749 | ng/ul# | 73 |
| 81) Bis(2-ethylhexyl)phthalate | 21.77 | 149 | 133045 | 2.516 | ng/ul# | 94 |

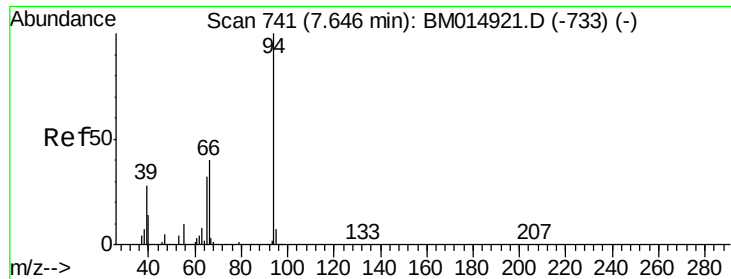
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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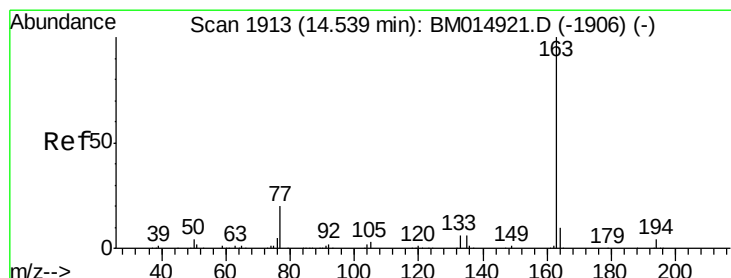
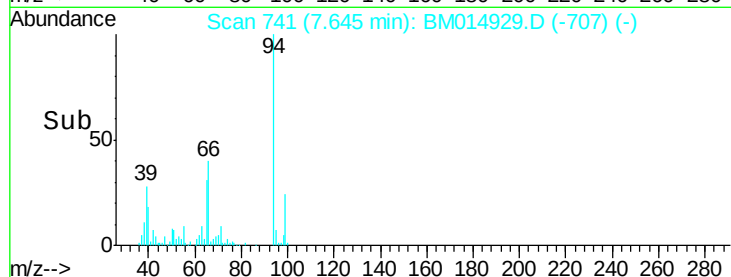
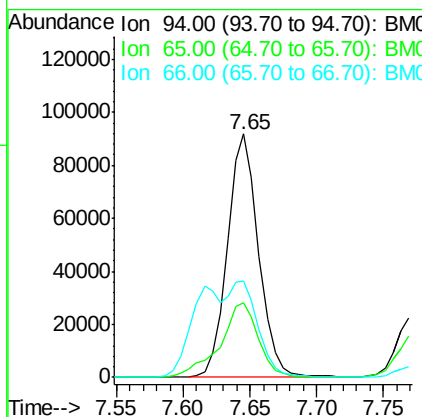
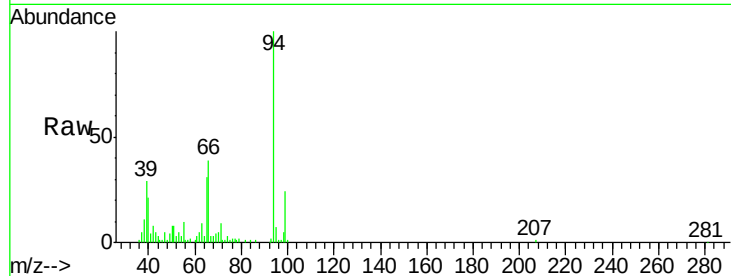
#6

Phenol

Concen: 4.997 ng/ul  
 RT: 7.65 min Scan# 741  
 Delta R.T. -0.00 min  
 Lab File: BM014929.D  
 Acq: 02 May 2018 19:03

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AH7

Tot Ion: 94 Resp: 149411  
 Ion Ratio Lower Upper  
 94 100  
 65 30.8 28.2 42.4  
 66 39.4 47.2 70.8#

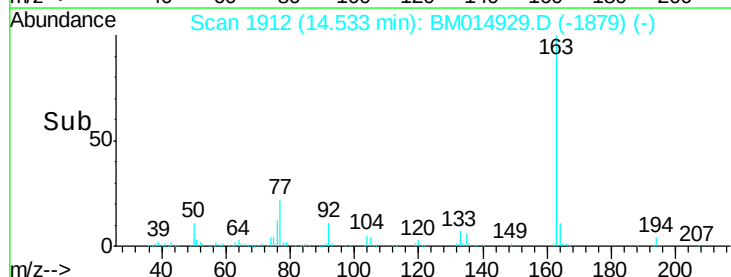
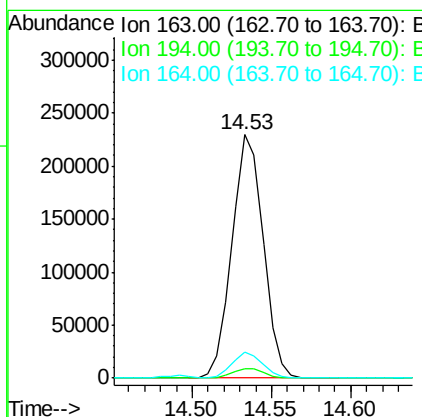
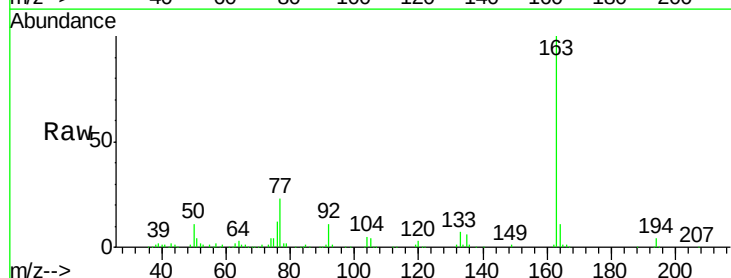


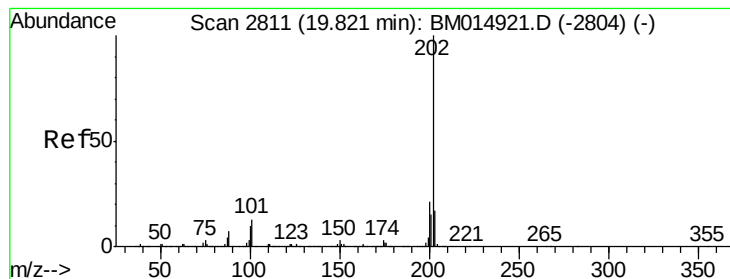
#44

Dimethylphthalate

Concen: 5.123 ng/ul  
 RT: 14.53 min Scan# 1912  
 Delta R.T. -0.01 min  
 Lab File: BM014929.D  
 Acq: 02 May 2018 19:03

Tgt Ion: 163 Resp: 315204  
 Ion Ratio Lower Upper  
 163 100  
 194 3.8 3.5 5.3  
 164 10.5 8.2 12.4





#74

Fluoranthene

Concen: 1.805 ng/ul

RT: 19.82 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BM014929.D

Acq: 02 May 2018 19:03

Instrument :

BNA\_M

ClientSampleId :

C0AH7

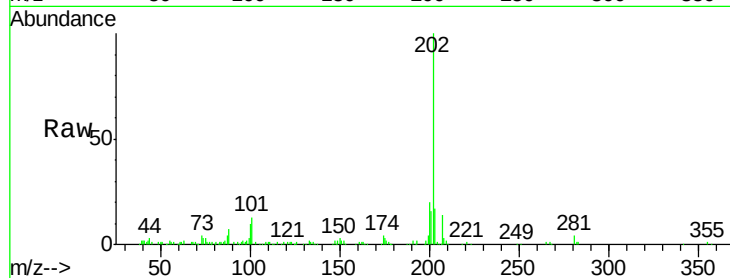
Tot Ion:202 Resp: 168367

Ion Ratio Lower Upper

202 100

101 13.0 4.6 7.0#

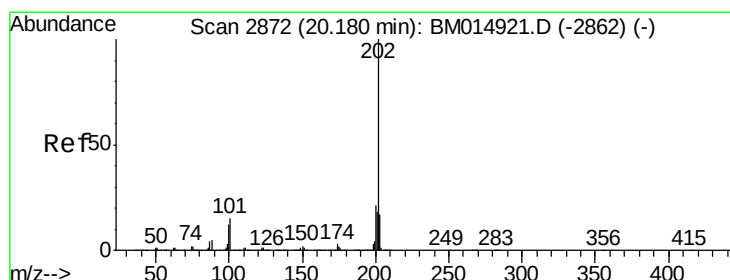
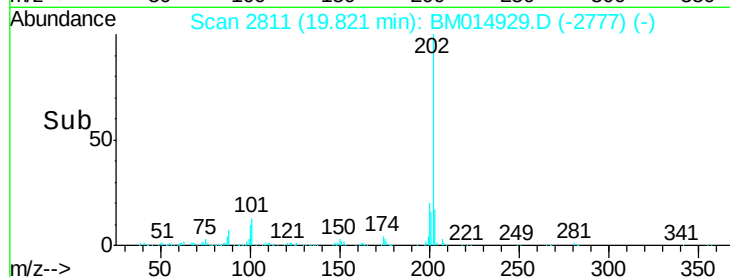
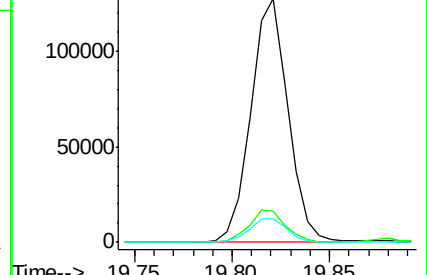
100 9.8 3.4 5.2#



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



#77

Pyrene

Concen: 1.749 ng/ul

RT: 20.17 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BM014929.D

Acq: 02 May 2018 19:03

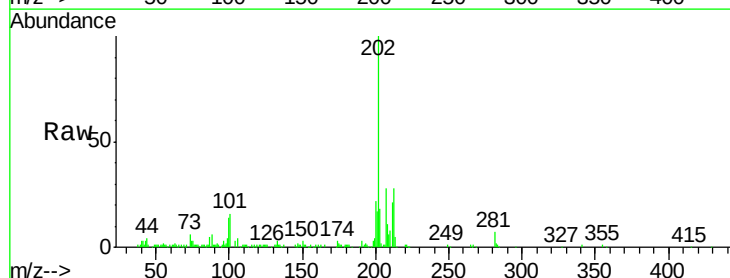
Tgt Ion:202 Resp: 154379

Ion Ratio Lower Upper

202 100

101 16.2 5.1 7.7#

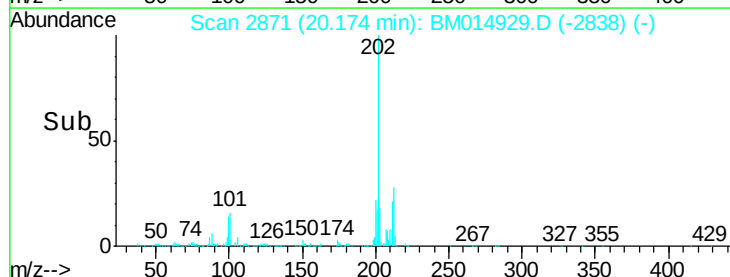
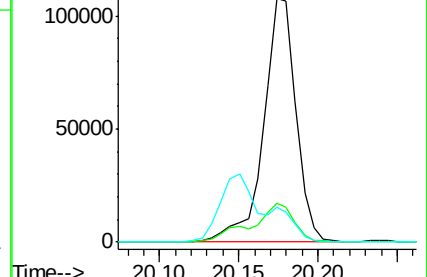
100 14.3 4.9 7.3#

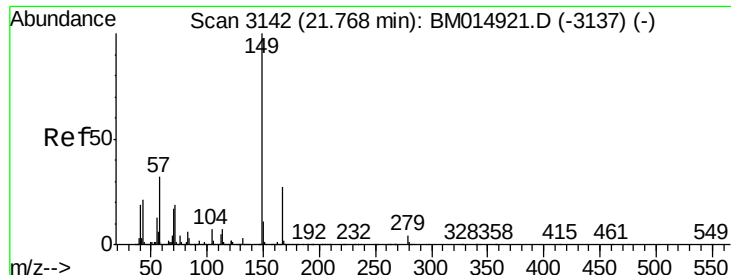


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#81  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.516 ng/ul  
 RT: 21.77 min Scan# 3142  
 Delta R.T. -0.00 min  
 Lab File: BM014929.D  
 Acq: 02 May 2018 19:03

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 C0AH7

Tot Ion:149 Resp: 133045  
 Ion Ratio Lower Upper  
 149 100  
 167 25.0 22.8 34.2  
 279 4.7 4.9 7.3#

