

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082823\  
 Data File : BP016861.D  
 Acq On : 30 Aug 2023 08:06  
 Operator : MA/JU  
 Sample : 04159-01  
 Misc :  
 ALS Vial : 80 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCHI9

Quant Time: Aug 31 00:46:32 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP082423.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 30 02:25:00 2023  
 Response via : Initial Calibration

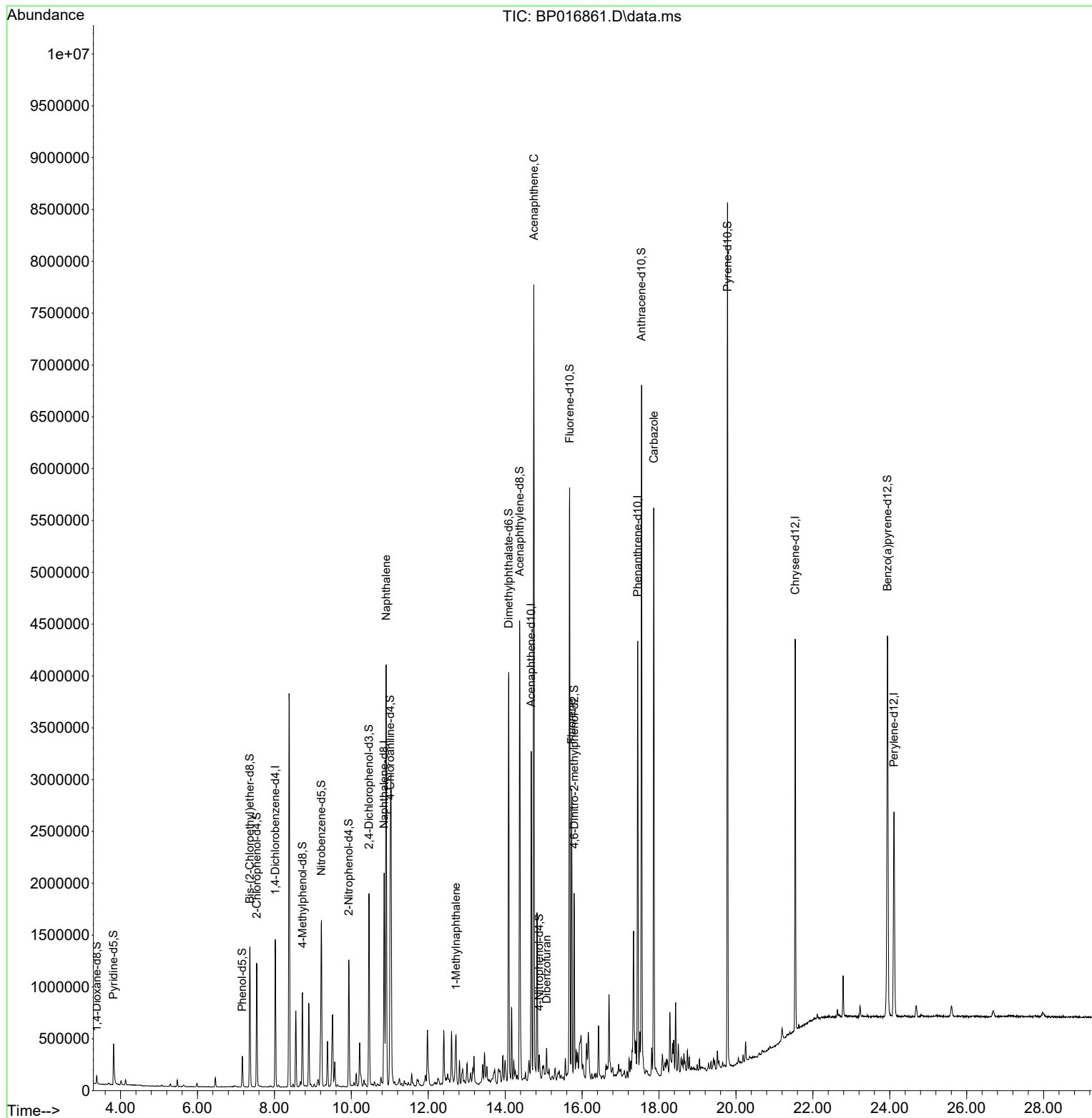
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.022  | 152  | 364440   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.851 | 136  | 1629046  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.675 | 164  | 1034285  | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.445 | 188  | 2291045  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.539 | 240  | 1720069  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.110 | 264  | 1519619  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.381  | 96   | 41392    | 4.694  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.817  | 84   | 232713   | 8.636  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.163  | 99   | 167027   | 5.154  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.357  | 67   | 601215   | 29.109 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.540  | 132  | 515484   | 21.157 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.728  | 113  | 335123   | 12.668 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.222  | 128  | 364448   | 29.589 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.934  | 143  | 357836   | 27.561 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.457 | 165  | 625958   | 25.861 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.010 | 131  | 924405   | 24.904 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.092 | 166  | 2518460  | 32.288 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.375 | 160  | 2745931  | 31.142 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.887 | 143  | 54619    | 3.388  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.675 | 176  | 2151822  | 32.760 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.792 | 200  | 308128   | 22.584 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.545 | 188  | 3554062  | 34.998 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.780 | 212  | 3966695  | 41.989 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.939 | 264  | 2735010  | 35.931 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 30) Naphthalene               | 10.904 | 128  | 3152357  | 37.356 | ng/ul  | 100      |
| 37) 1-Methylnaphthalene       | 12.722 | 142  | 180673   | 3.076  | ng/ul  | 99       |
| 52) Acenaphthene              | 14.745 | 153  | 2955821  | 44.271 | ng/ul  | 100      |
| 56) Dibenzofuran              | 15.075 | 168  | 169145   | 1.846  | ng/ul  | 97       |
| 61) Fluorene                  | 15.728 | 166  | 1125519  | 14.688 | ng/ul  | 100      |
| 77) Carbazole                 | 17.863 | 167  | 3244058  | 29.535 | ng/ul  | 99       |
| -----                         |        |      |          |        |        |          |

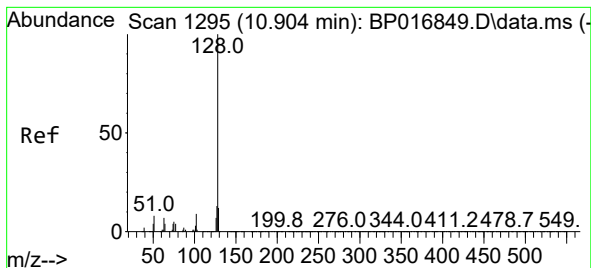
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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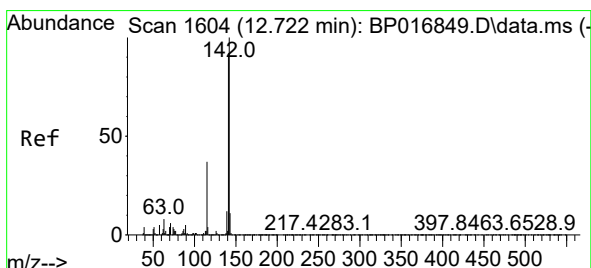
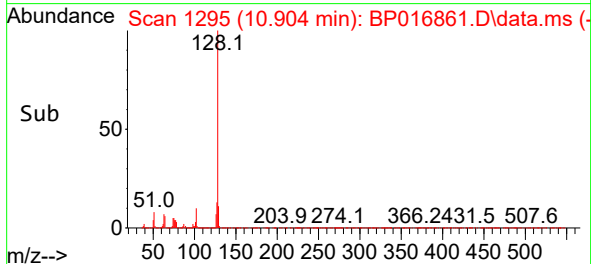
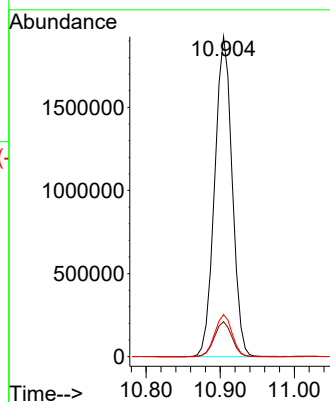
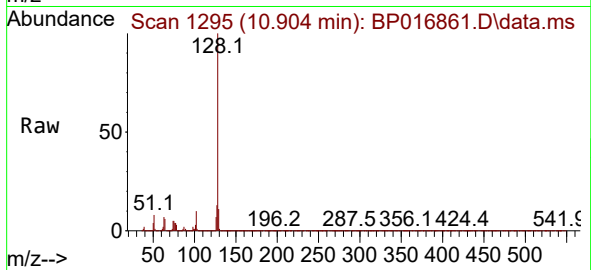




#30  
Naphthalene  
Concen: 37.356 ng/ul  
RT: 10.904 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: BP016861.D  
Acq: 30 Aug 2023 08:06

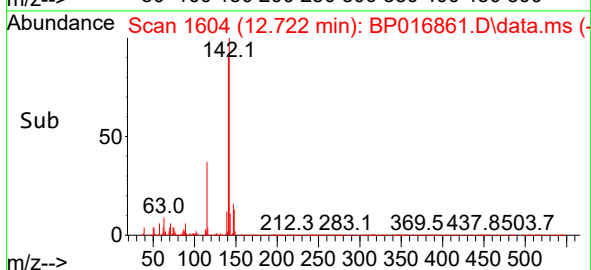
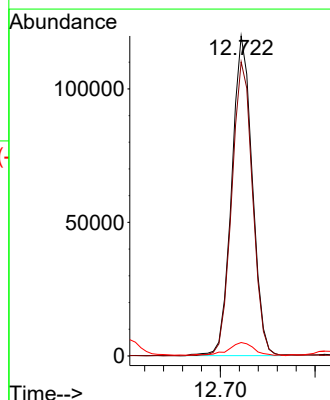
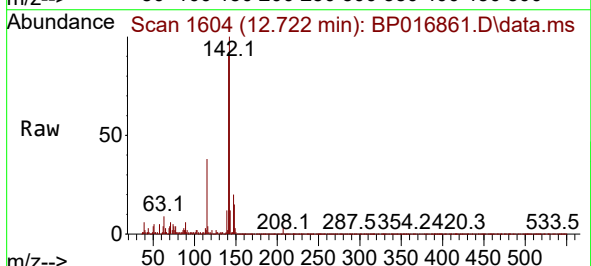
Instrument :  
BNA\_P  
ClientSampleId :  
DCHI9

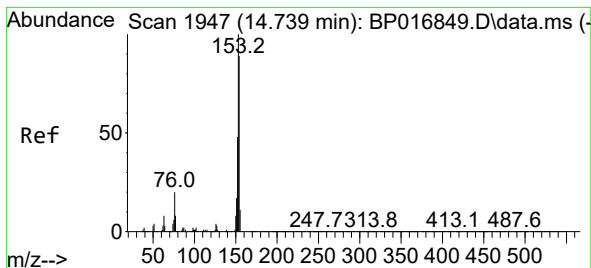
Tgt Ion:128 Resp: 3152357  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.8 13.2  
127 13.2 10.3 15.5



#37  
1-Methylnaphthalene  
Concen: 3.076 ng/ul  
RT: 12.722 min Scan# 1604  
Delta R.T. 0.000 min  
Lab File: BP016861.D  
Acq: 30 Aug 2023 08:06

Tgt Ion:142 Resp: 180673  
Ion Ratio Lower Upper  
142 100  
141 91.9 73.0 109.4  
116 4.2 3.1 4.7





#52

Acenaphthene

Concen: 44.271 ng/ul

RT: 14.745 min Scan# 1948

Delta R.T. 0.006 min

Lab File: BP016861.D

Acq: 30 Aug 2023 08:06

Instrument :

BNA\_P

ClientSampleId :

DCHI9

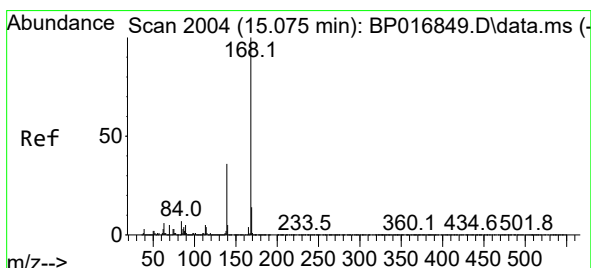
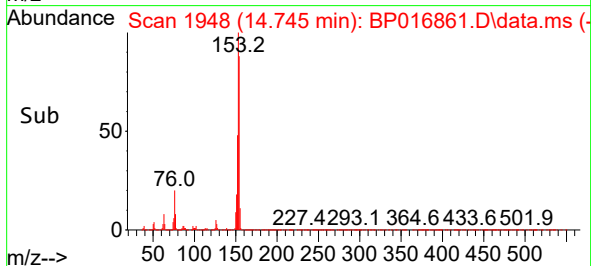
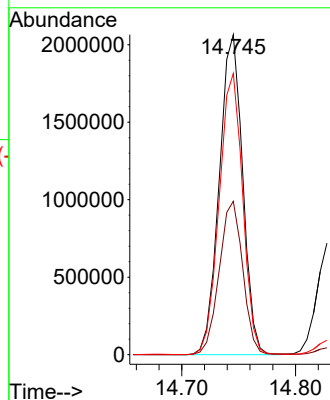
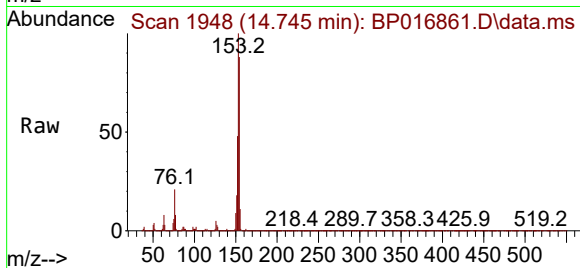
Tgt Ion:153 Resp: 2955821

Ion Ratio Lower Upper

153 100

152 48.0 38.5 57.7

154 87.9 70.6 105.8



#56

Dibenzofuran

Concen: 1.846 ng/ul

RT: 15.075 min Scan# 2004

Delta R.T. 0.000 min

Lab File: BP016861.D

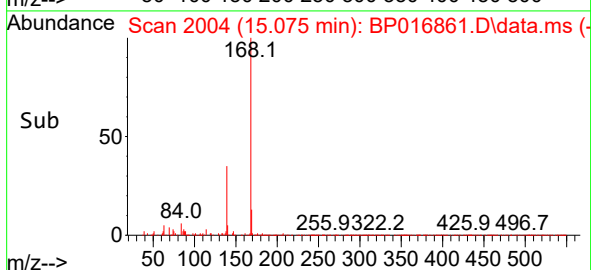
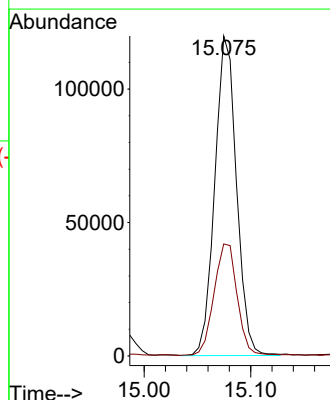
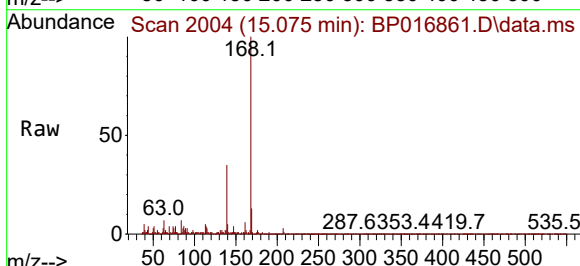
Acq: 30 Aug 2023 08:06

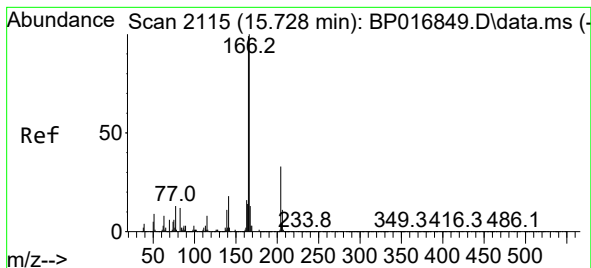
Tgt Ion:168 Resp: 169145

Ion Ratio Lower Upper

168 100

139 35.0 29.2 43.8





#61

Fluorene

Concen: 14.688 ng/ul

RT: 15.728 min Scan# 2115

Delta R.T. 0.000 min

Lab File: BP016861.D

Acq: 30 Aug 2023 08:06

Instrument :

BNA\_P

ClientSampleId :

DCHI9

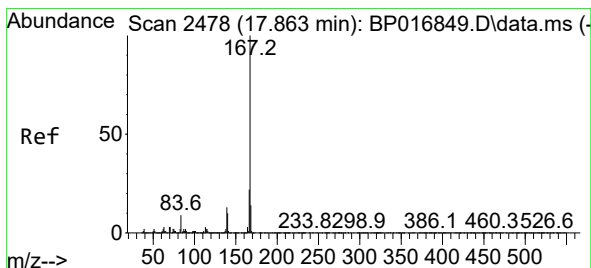
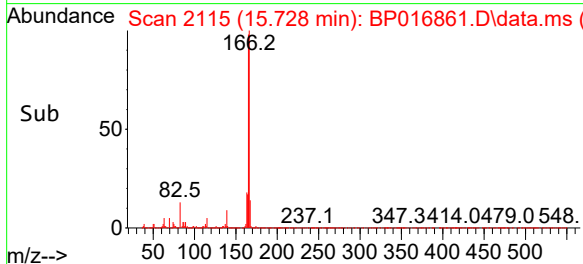
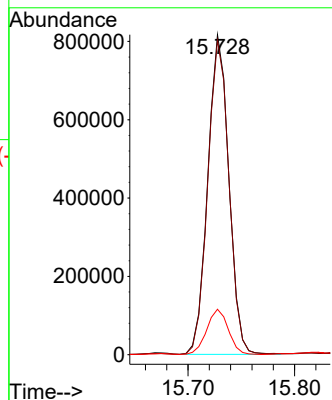
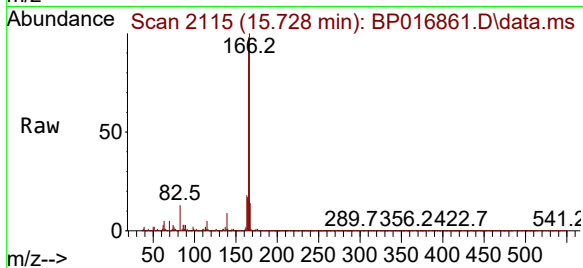
Tgt Ion:166 Resp: 1125519

Ion Ratio Lower Upper

166 100

165 98.3 78.8 118.2

167 14.2 10.9 16.3



#77

Carbazole

Concen: 29.535 ng/ul

RT: 17.863 min Scan# 2478

Delta R.T. 0.000 min

Lab File: BP016861.D

Acq: 30 Aug 2023 08:06

Tgt Ion:167 Resp: 3244058

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.2

139 13.2 10.4 15.6

