

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP121323\  
 Data File : BP018838.D  
 Acq On : 14 Dec 2023 12:29  
 Operator : MA/JU  
 Sample : 05646-18  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Dec 14 21:53:18 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120123.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Dec 13 23:34:47 2023  
 Response via : Initial Calibration

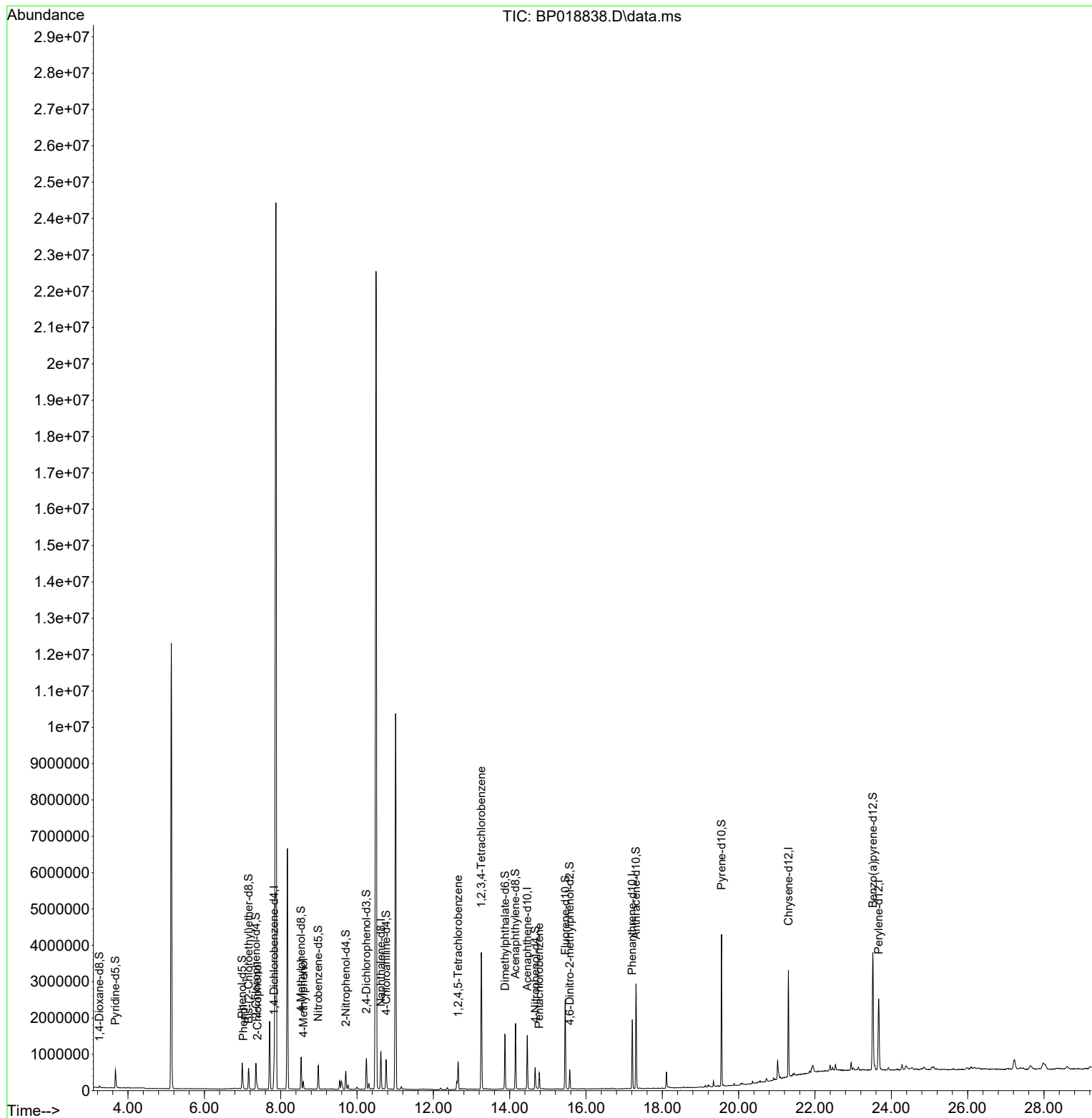
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.828  | 152  | 222780   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.628 | 136  | 807393   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.463 | 164  | 492770   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.210 | 188  | 1147842  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.304 | 240  | 1289554  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.668 | 264  | 1535961  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.252  | 96   | 25888    | 3.960  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.670  | 84   | 293529   | 16.762 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.993  | 99   | 415478   | 18.584 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.158  | 67   | 251164   | 18.955 | ng/u1  | -0.01    |
| 11) 2-Chlorophenol-d4         | 7.352  | 132  | 329643   | 18.896 | ng/u1  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.534  | 113  | 330533   | 18.269 | ng/u1  | -0.01    |
| 21) Nitrobenzene-d5           | 8.987  | 128  | 153967   | 21.426 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.704  | 143  | 164834   | 22.125 | ng/u1  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.246 | 165  | 331422   | 21.755 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.763 | 131  | 428678   | 21.531 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.881 | 166  | 1059484  | 24.090 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.151 | 160  | 1217094  | 25.132 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.669 | 143  | 161169   | 22.325 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.457 | 176  | 970900   | 26.300 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.575 | 200  | 121495   | 17.653 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.310 | 188  | 1618154  | 26.815 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.551 | 212  | 2117858  | 21.098 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.516 | 264  | 2374101  | 26.509 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 8) Phenol                     | 7.022  | 94   | 52208    | 2.381  | ng/u1  | 98       |
| 12) 2-Chlorophenol            | 7.387  | 128  | 48294    | 2.735  | ng/u1  | 99       |
| 18) 4-Methylphenol            | 8.593  | 108  | 73737    | 4.023  | ng/u1  | 93       |
| 39) 1,2,4,5-Tetrachloroben... | 12.651 | 216  | 246561   | 13.791 | ng/u1  | 97       |
| 75) 1,2,3,4-Tetrachloroben... | 13.257 | 216  | 1229801  | 61.963 | ng/uL  | 99       |
| 76) Pentachlorobenzene        | 14.775 | 250  | 117944   | 6.050  | ng/uL  | 97       |

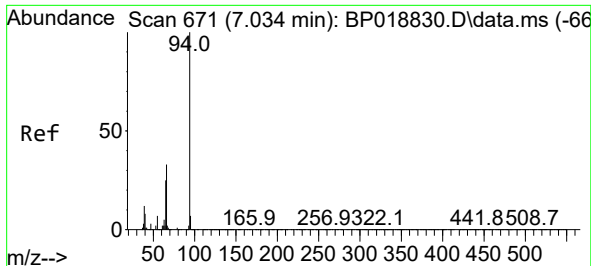
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
QLast Update : Wed Dec 13 23:34:47 2023  
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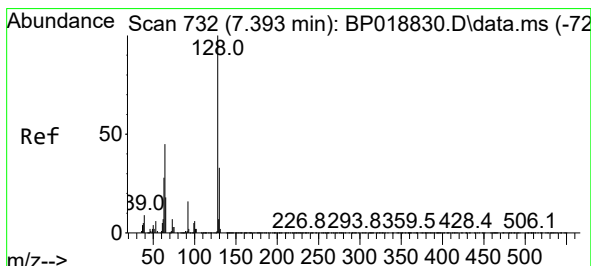
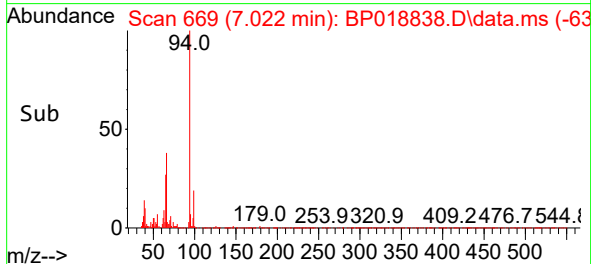
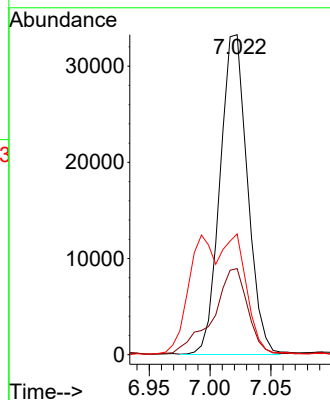
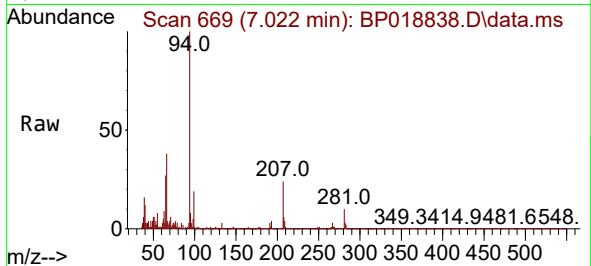




#8  
Phenol  
Concen: 2.381 ng/ul  
RT: 7.022 min Scan# 60  
Delta R.T. -0.006 min  
Lab File: BP018838.D  
Acq: 14 Dec 2023 12:29

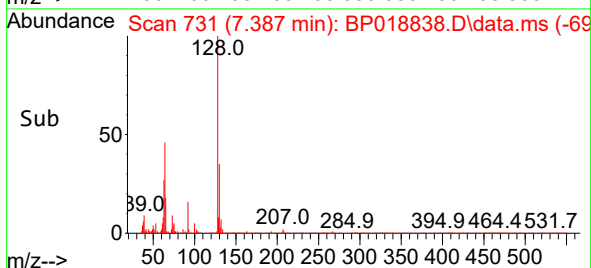
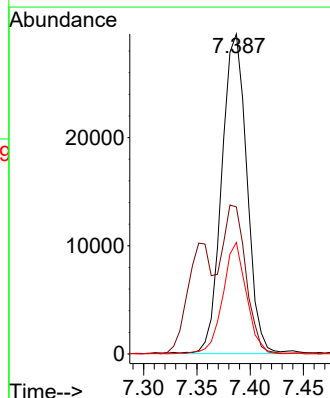
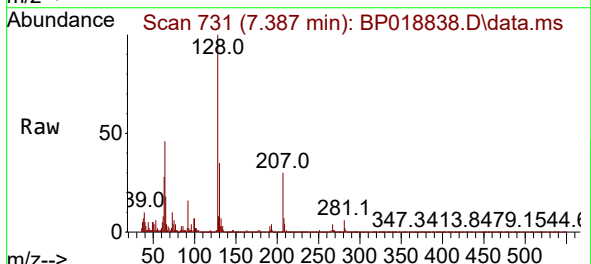
Instrument :  
BNA\_P  
ClientSampleId :

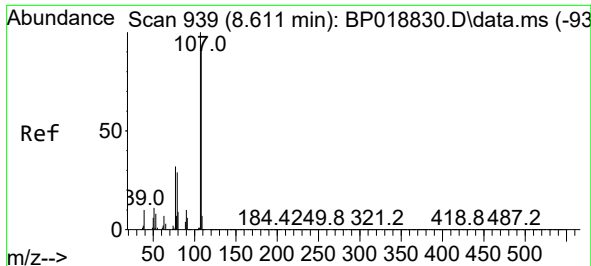
Tgt Ion: 94 Resp: 52208  
Ion Ratio Lower Upper  
94 100  
65 26.9 21.0 31.6  
66 37.7 28.6 43.0



#12  
2-Chlorophenol  
Concen: 2.735 ng/ul  
RT: 7.387 min Scan# 731  
Delta R.T. -0.006 min  
Lab File: BP018838.D  
Acq: 14 Dec 2023 12:29

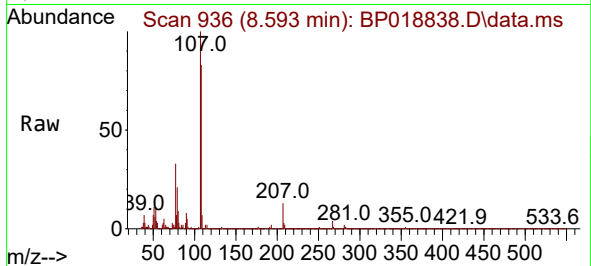
Tgt Ion: 128 Resp: 48294  
Ion Ratio Lower Upper  
128 100  
64 46.0 37.0 55.4  
130 34.9 26.8 40.2



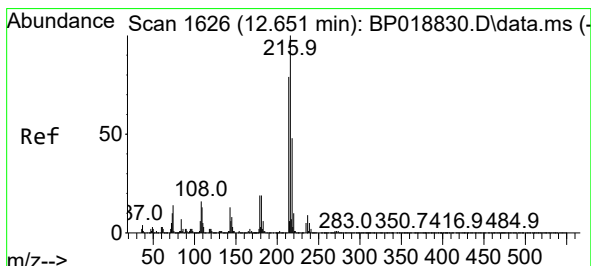
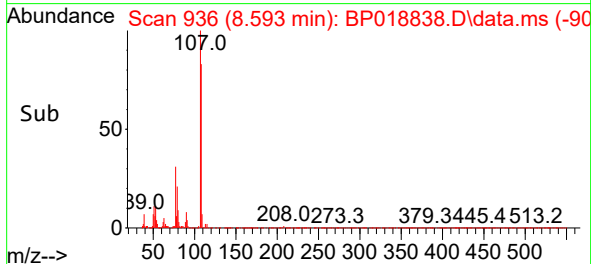
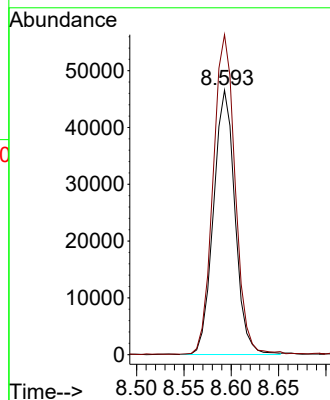


#18  
4-Methylphenol  
Concen: 4.023 ng/ul  
RT: 8.593 min Scan# 91  
Delta R.T. -0.018 min  
Lab File: BP018838.D  
Acq: 14 Dec 2023 12:29

Instrument :  
BNA\_P  
ClientSampleId :

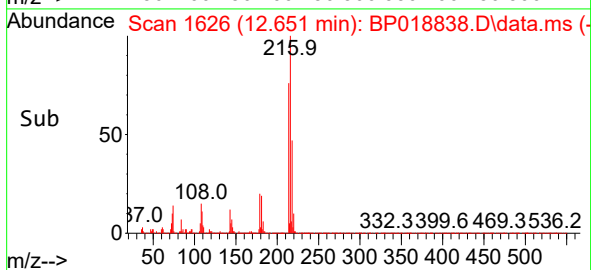
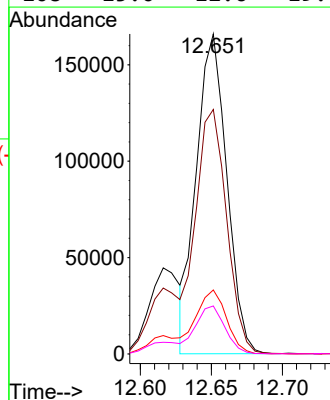
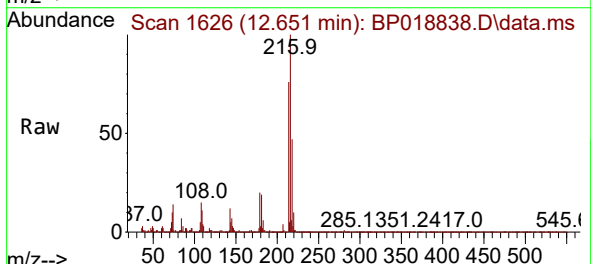


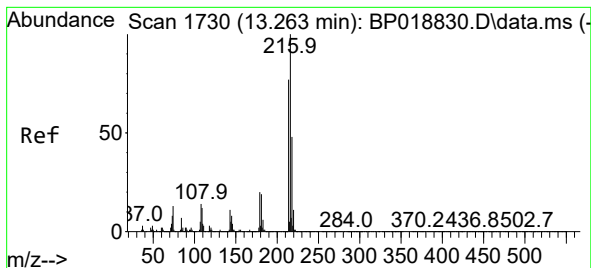
Tgt Ion:108 Resp: 73737  
Ion Ratio Lower Upper  
108 100  
107 121.0 90.6 136.0



#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 13.791 ng/ul  
RT: 12.651 min Scan# 1626  
Delta R.T. -0.006 min  
Lab File: BP018838.D  
Acq: 14 Dec 2023 12:29

Tgt Ion:216 Resp: 246561  
Ion Ratio Lower Upper  
216 100  
214 76.4 63.9 95.9  
179 20.0 16.3 24.5  
108 15.0 12.6 19.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 61.963 ng/uL

RT: 13.257 min Scan# 1729

Delta R.T. -0.006 min

Lab File: BP018838.D

Acq: 14 Dec 2023 12:29

Instrument :

BNA\_P

ClientSampleId :

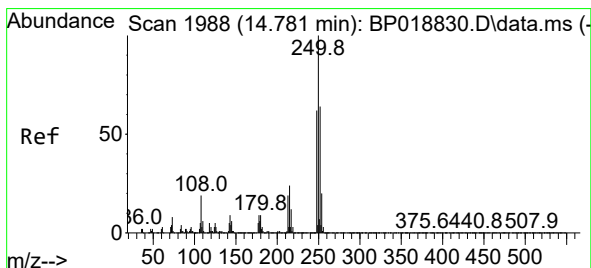
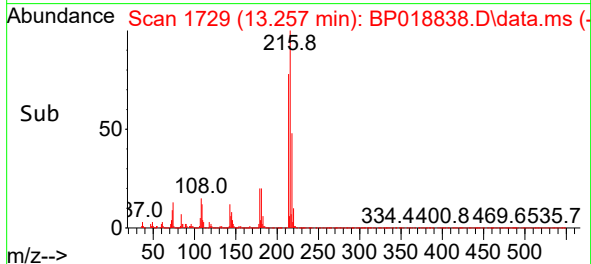
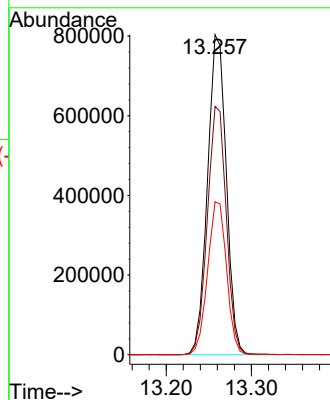
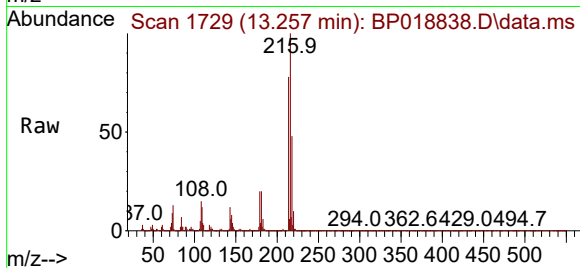
Tgt Ion:216 Resp: 1229801

Ion Ratio Lower Upper

216 100

214 77.6 61.4 92.2

218 47.8 39.2 58.8



#76

Pentachlorobenzene

Concen: 6.050 ng/uL

RT: 14.775 min Scan# 1987

Delta R.T. -0.006 min

Lab File: BP018838.D

Acq: 14 Dec 2023 12:29

Tgt Ion:250 Resp: 117944

Ion Ratio Lower Upper

250 100

248 61.8 50.6 75.8

252 60.7 51.3 76.9

