

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP040323\  
 Data File : BP014536.D  
 Acq On : 04 Apr 2023 19:44  
 Operator : CG/JU  
 Sample : 02158-23  
 Misc :  
 ALS Vial : 59 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 PMW-3(20230331)

Quant Time: Apr 04 23:47:06 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Apr 04 23:43:56 2023  
 Response via : Initial Calibration

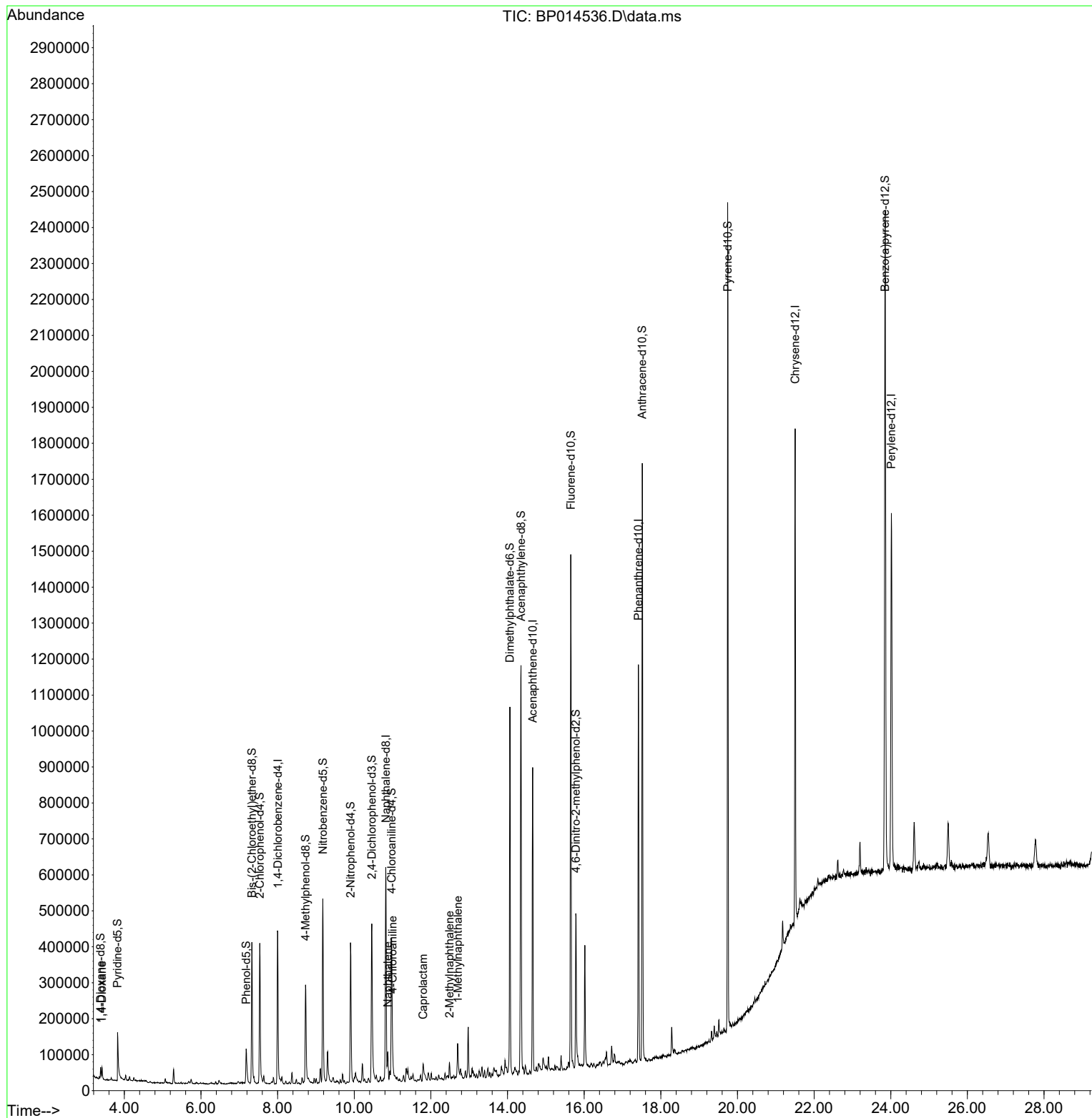
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.005  | 152  | 110350   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.822 | 136  | 446099   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.657 | 164  | 273594   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.416 | 188  | 622142   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.504 | 240  | 666476   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.016 | 264  | 782584   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.381  | 96   | 13782    | 4.843  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.822  | 84   | 74610    | 10.231 | ng/ul  | 0.01     |
| 7) Phenol-d5                  | 7.181  | 99   | 62791    | 6.170  | ng/ul  | 0.01     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.328  | 67   | 182116   | 27.891 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.534  | 132  | 164572   | 22.374 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.728  | 113  | 113904   | 13.875 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.181  | 128  | 98446    | 27.336 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.905  | 143  | 108950   | 26.420 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.457 | 165  | 174074   | 23.179 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.975 | 131  | 197101   | 19.925 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.063 | 166  | 628411   | 28.328 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.351 | 160  | 702287   | 28.531 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.881 | 143  | 27       | 0.008  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.651 | 176  | 541490   | 29.271 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.787 | 200  | 94632    | 20.672 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.516 | 188  | 915704   | 30.413 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.745 | 212  | 1163778  | 25.996 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.851 | 264  | 1283292  | 30.864 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.417  | 88   | 15560    | 4.976  | ng/uL# | 83       |
| 30) Naphthalene               | 10.875 | 128  | 51334    | 2.066  | ng/ul  | 98       |
| 32) 4-Chloroaniline           | 10.999 | 127  | 10522    | 1.050  | ng/ul  | 90       |
| 34) Caprolactam               | 11.799 | 113  | 10109    | 4.630  | ng/ul# | 77       |
| 36) 2-Methylnaphthalene       | 12.487 | 142  | 21655    | 1.286  | ng/ul  | 95       |
| 37) 1-Methylnaphthalene       | 12.704 | 142  | 25734    | 1.541  | ng/ul  | 96       |
| -----                         |        |      |          |        |        |          |

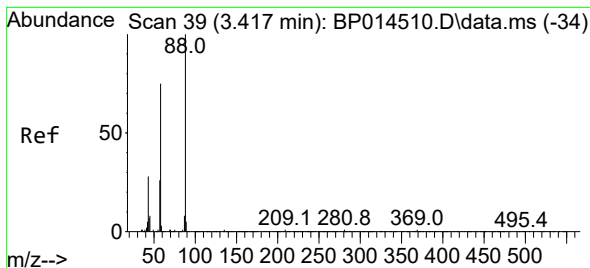
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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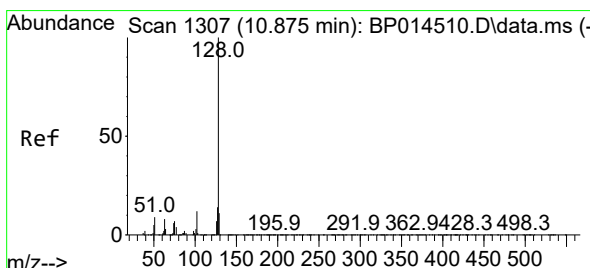
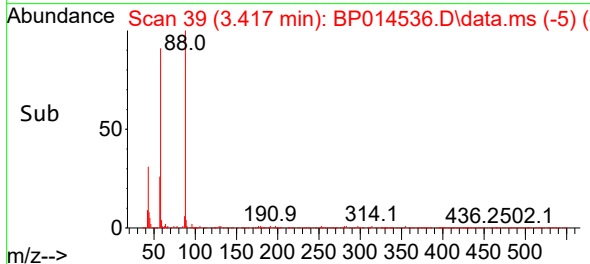
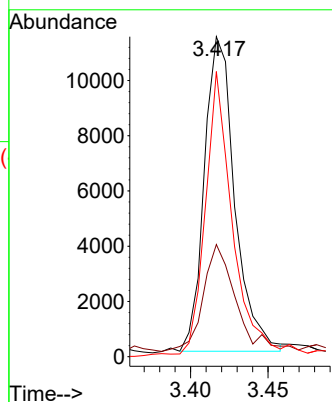
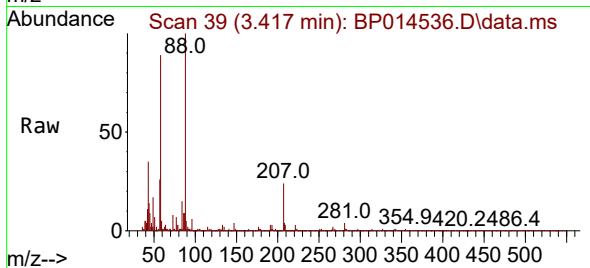




#2  
 1,4-Dioxane  
 Concen: 4.976 ng/uL  
 RT: 3.417 min Scan# 39  
 Delta R.T. 0.000 min  
 Lab File: BP014536.D  
 Acq: 04 Apr 2023 19:44

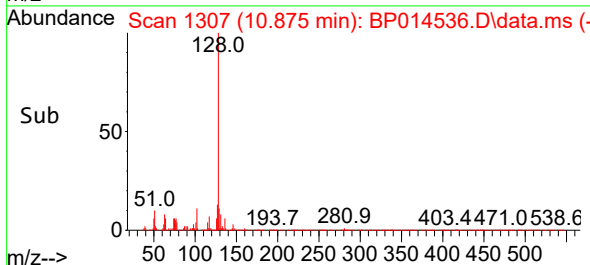
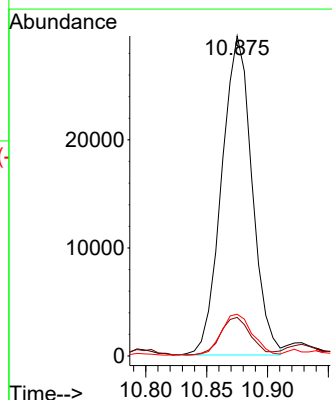
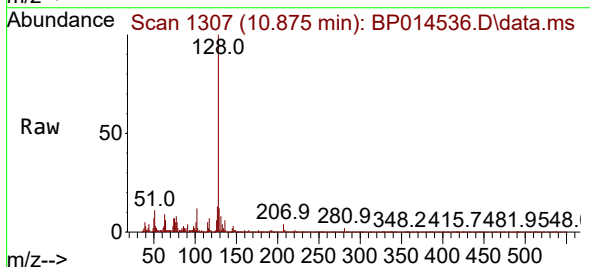
Instrument :  
 BNA\_P  
 ClientSampleId :  
 PMW-3(20230331)

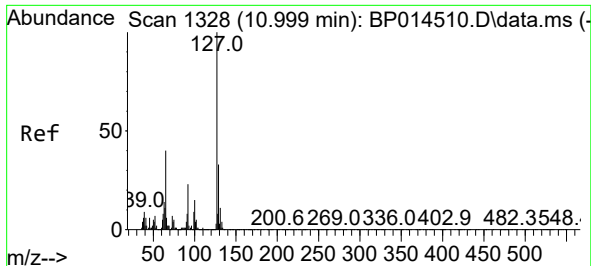
Tgt Ion: 88 Resp: 15560  
 Ion Ratio Lower Upper  
 88 100  
 43 35.1 24.4 36.6  
 58 89.1 57.4 86.0#



#30  
 Naphthalene  
 Concen: 2.066 ng/uL  
 RT: 10.875 min Scan# 1307  
 Delta R.T. 0.000 min  
 Lab File: BP014536.D  
 Acq: 04 Apr 2023 19:44

Tgt Ion: 128 Resp: 51334  
 Ion Ratio Lower Upper  
 128 100  
 129 12.1 8.9 13.3  
 127 13.0 11.0 16.6

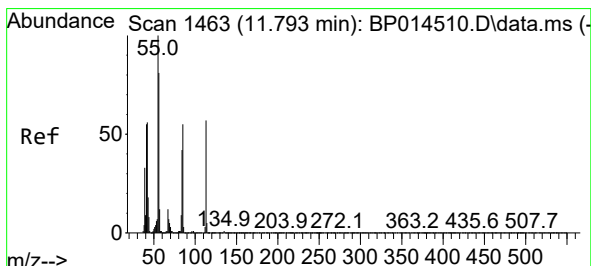
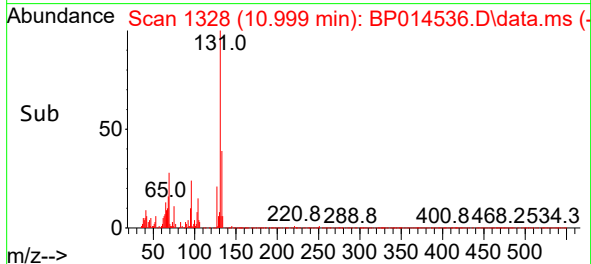
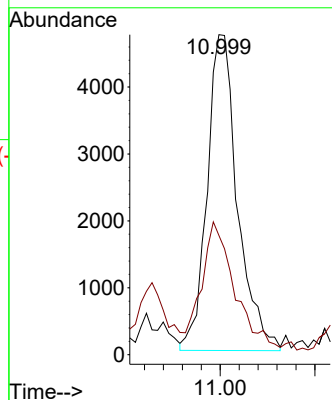
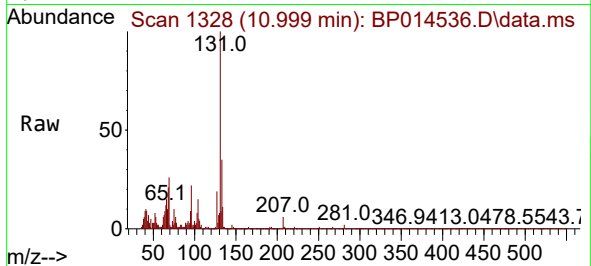




#32  
4-Chloroaniline  
Concen: 1.050 ng/ul  
RT: 10.999 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BP014536.D  
Acq: 04 Apr 2023 19:44

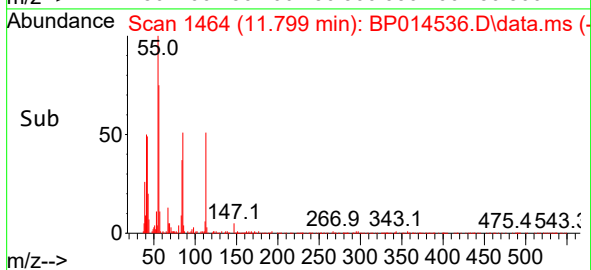
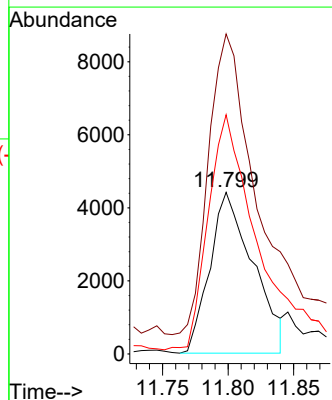
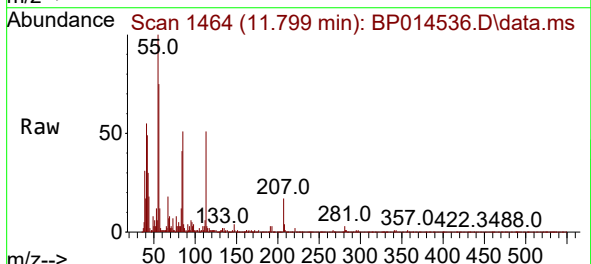
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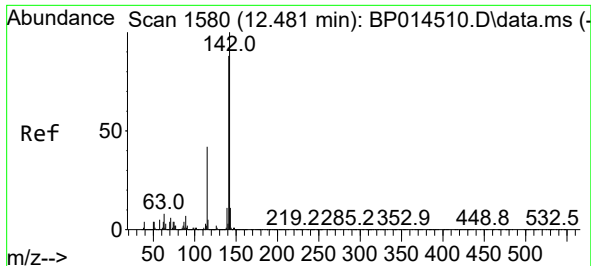
Tgt Ion:127 Resp: 10522  
Ion Ratio Lower Upper  
127 100  
129 37.3 25.4 38.0



#34  
Caprolactam  
Concen: 4.630 ng/ul  
RT: 11.799 min Scan# 1464  
Delta R.T. 0.012 min  
Lab File: BP014536.D  
Acq: 04 Apr 2023 19:44

Tgt Ion:113 Resp: 10109  
Ion Ratio Lower Upper  
113 100  
55 198.0 131.2 196.8#  
56 148.0 101.1 151.7

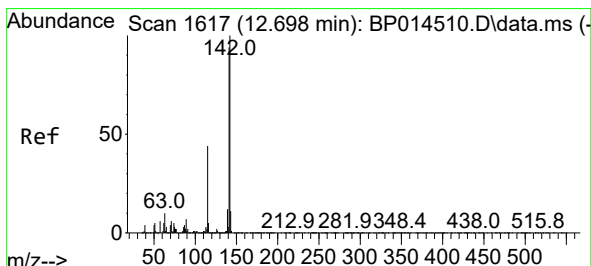
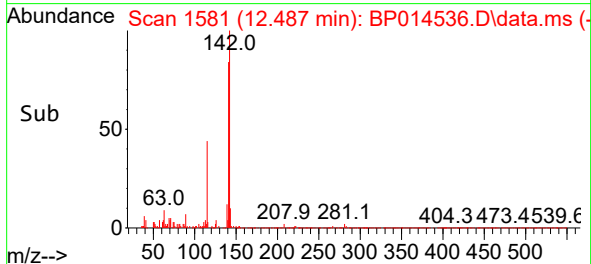
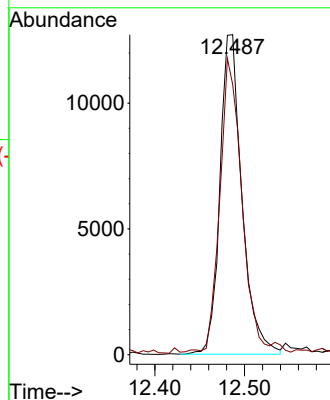
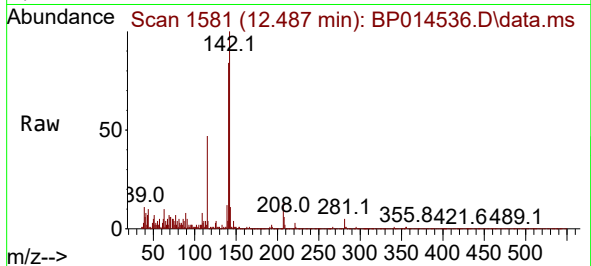




#36  
2-Methylnaphthalene  
Concen: 1.286 ng/ul  
RT: 12.487 min Scan# 1580  
Delta R.T. 0.006 min  
Lab File: BP014536.D  
Acq: 04 Apr 2023 19:44

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Tgt Ion:142 Resp: 21655  
Ion Ratio Lower Upper  
142 100  
141 84.4 71.6 107.4



#37  
1-Methylnaphthalene  
Concen: 1.541 ng/ul  
RT: 12.704 min Scan# 1618  
Delta R.T. 0.006 min  
Lab File: BP014536.D  
Acq: 04 Apr 2023 19:44

Tgt Ion:142 Resp: 25734  
Ion Ratio Lower Upper  
142 100  
141 91.7 76.6 114.8  
116 5.4 3.6 5.4

