

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP102022\  
 Data File : BP012247.D  
 Acq On : 21 Oct 2022 16:05  
 Operator : CG/JU  
 Sample : N5064-04  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0BJ4

Quant Time: Oct 21 22:33:02 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP101922.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 20 00:51:41 2022  
 Response via : Initial Calibration

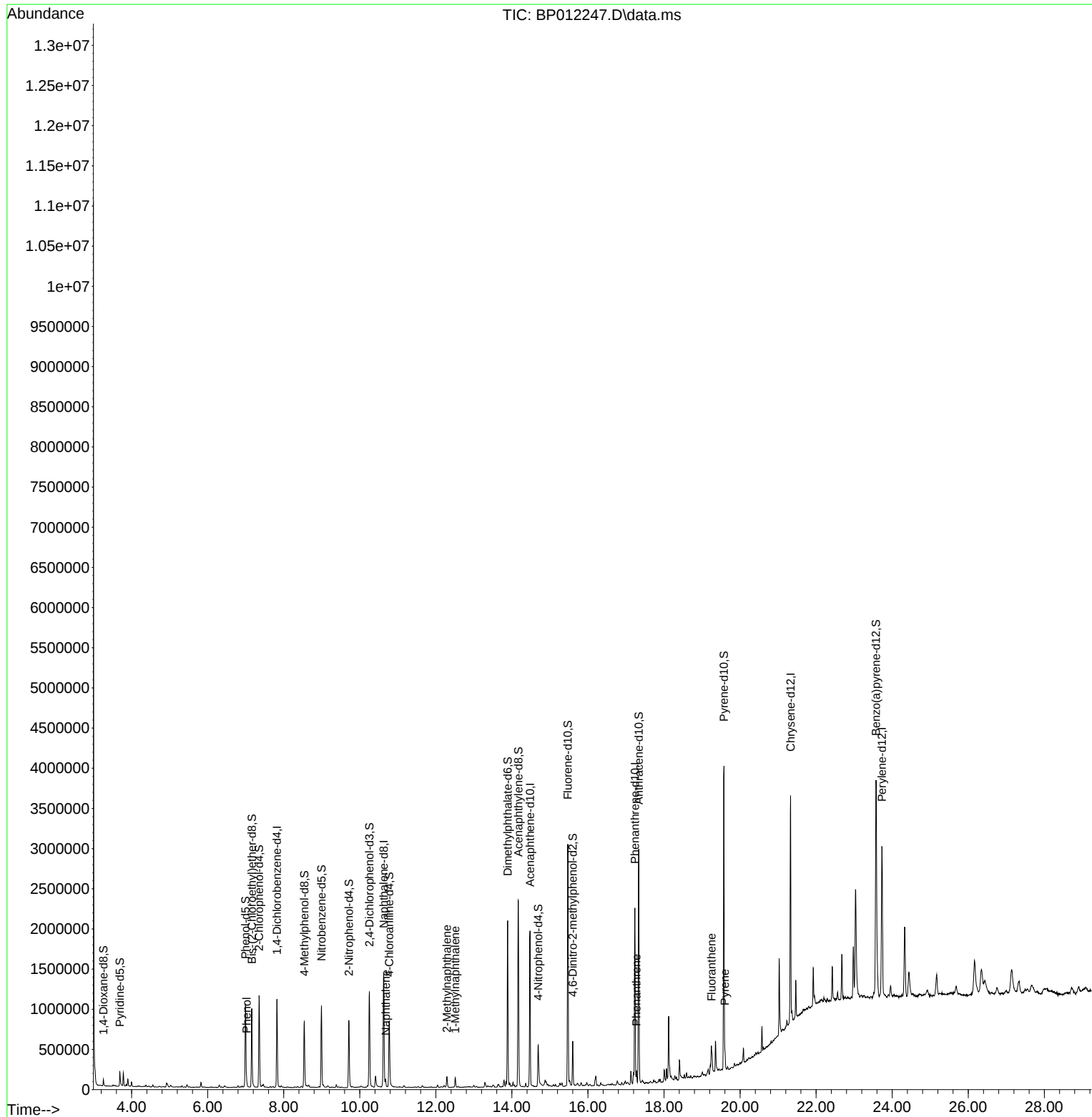
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.822  | 152  | 310081   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.628 | 136  | 1226838  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.475 | 164  | 676908   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.234 | 188  | 1289150  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.327 | 240  | 1326484  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.727 | 264  | 1440008  | 20.000 | ng/u1  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.258  | 96   | 37709    | 4.922  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.687  | 84   | 92013    | 4.168  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.993  | 99   | 641728   | 23.972 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.158  | 67   | 432641   | 26.649 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.352  | 132  | 554845   | 27.230 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.540  | 113  | 340766   | 16.379 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.993  | 128  | 276718   | 30.472 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.710  | 143  | 299393   | 30.557 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.252 | 165  | 479080   | 26.068 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.775 | 131  | 518054   | 19.840 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.887 | 166  | 1372149  | 29.141 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.169 | 160  | 1620420  | 30.149 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.693 | 143  | 175703   | 19.918 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.469 | 176  | 1168368  | 28.842 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.598 | 200  | 125785   | 17.151 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.334 | 188  | 1669264  | 29.541 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.575 | 212  | 1977835  | 26.188 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.574 | 264  | 2115574  | 29.296 | ng/u1  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 8) Phenol                     | 7.022  | 94   | 39984    | 1.428  | ng/u1  | 95       |
| 30) Naphthalene               | 10.681 | 128  | 77061    | 1.174  | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.293 | 142  | 68901    | 1.543  | ng/u1  | 98       |
| 37) 1-Methylnaphthalene       | 12.510 | 142  | 60223    | 1.351  | ng/u1  | 95       |
| 72) Phenanthrene              | 17.275 | 178  | 88072    | 1.271  | ng/u1  | 99       |
| 80) Fluoranthene              | 19.245 | 202  | 102934   | 1.103  | ng/u1  | 99       |
| 82) Pyrene                    | 19.598 | 202  | 97972    | 1.026  | ng/u1  | 98       |
| -----                         |        |      |          |        |        |          |

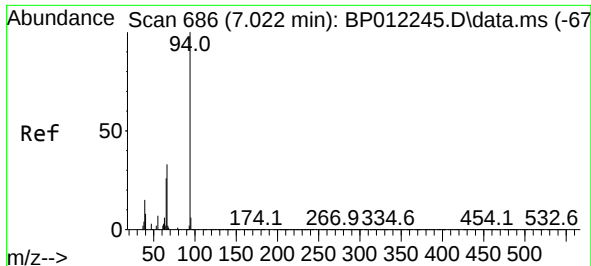
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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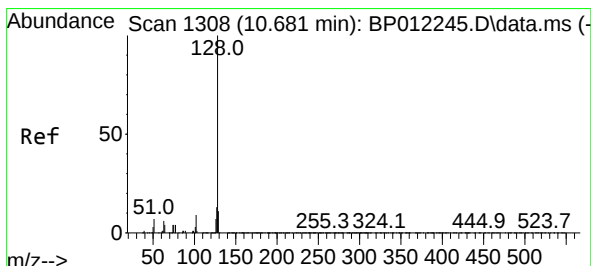
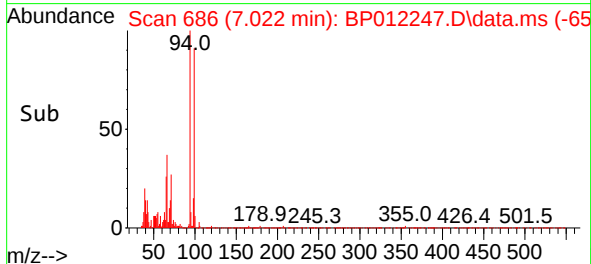
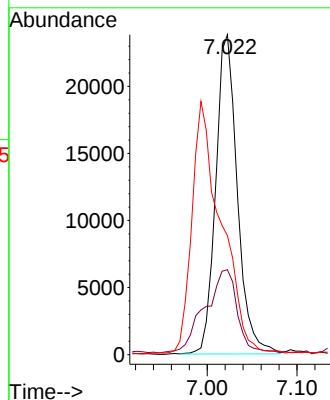
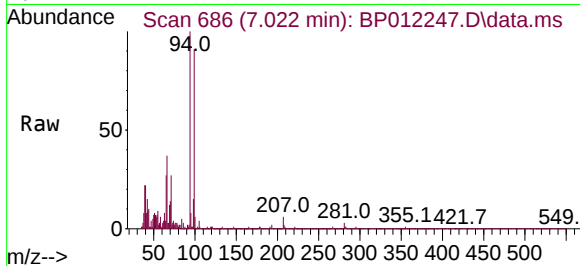




#8  
Phenol  
Concen: 1.428 ng/ul  
RT: 7.022 min Scan# 686  
Delta R.T. 0.000 min  
Lab File: BP012247.D  
Acq: 21 Oct 2022 16:05

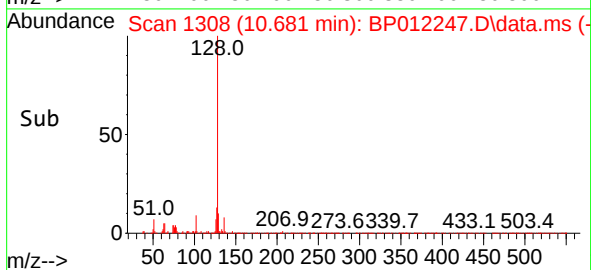
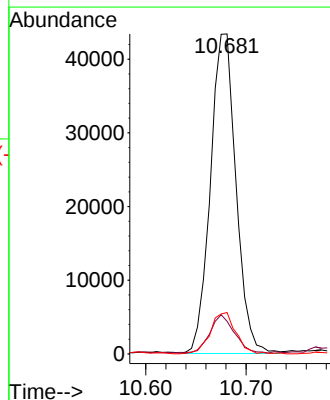
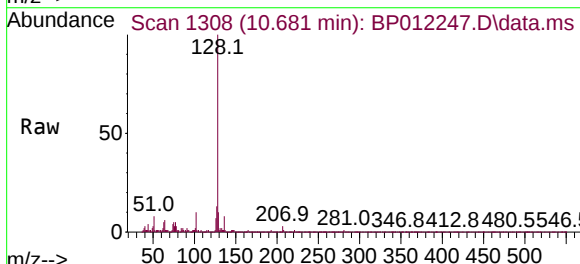
Instrument :  
BNA\_P  
ClientSampleId :  
C0BJ4

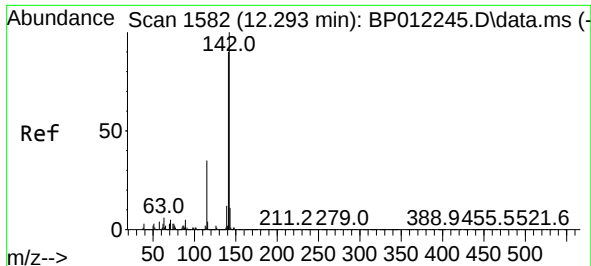
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 94 | Resp: | 39984     |
| Ion Ratio   | Lower | Upper     |
| 94          | 100   |           |
| 65          | 26.5  | 20.6 31.0 |
| 66          | 37.2  | 26.2 39.4 |



#30  
Naphthalene  
Concen: 1.174 ng/ul  
RT: 10.681 min Scan# 1308  
Delta R.T. 0.000 min  
Lab File: BP012247.D  
Acq: 21 Oct 2022 16:05

|              |       |           |
|--------------|-------|-----------|
| Tgt Ion: 128 | Resp: | 77061     |
| Ion Ratio    | Lower | Upper     |
| 128          | 100   |           |
| 129          | 10.2  | 8.8 13.2  |
| 127          | 12.9  | 10.2 15.4 |

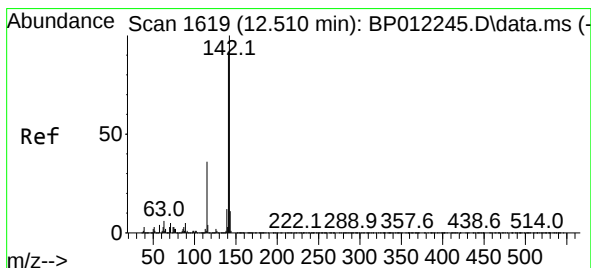
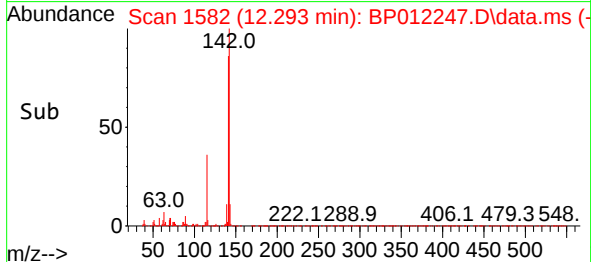
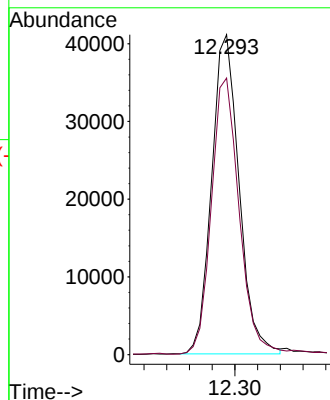
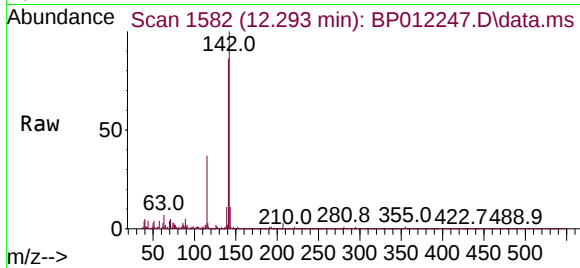




#36  
2-Methylnaphthalene  
Concen: 1.543 ng/ul  
RT: 12.293 min Scan# 1582  
Delta R.T. -0.006 min  
Lab File: BP012247.D  
Acq: 21 Oct 2022 16:05

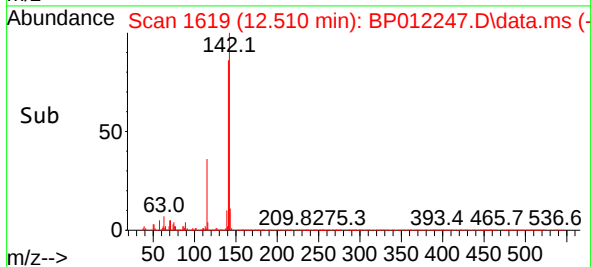
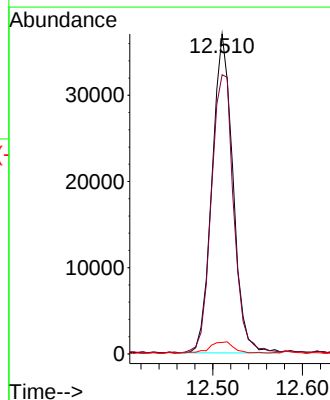
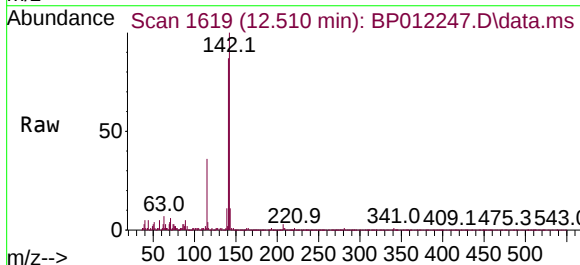
Instrument :  
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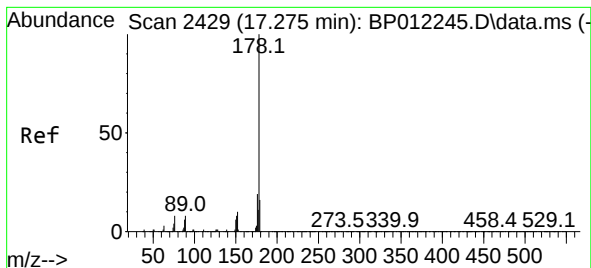
Tgt Ion:142 Resp: 68901  
Ion Ratio Lower Upper  
142 100  
141 86.4 70.3 105.5



#37  
1-Methylnaphthalene  
Concen: 1.351 ng/ul  
RT: 12.510 min Scan# 1619  
Delta R.T. -0.006 min  
Lab File: BP012247.D  
Acq: 21 Oct 2022 16:05

Tgt Ion:142 Resp: 60223  
Ion Ratio Lower Upper  
142 100  
141 87.2 73.4 110.0  
116 3.6 3.0 4.4





#72

Phenanthrene

Concen: 1.271 ng/ul

RT: 17.275 min Scan# 2429

Delta R.T. -0.006 min

Lab File: BP012247.D

Acq: 21 Oct 2022 16:05

Instrument :

BNA\_P

ClientSampleId :

C0BJ4

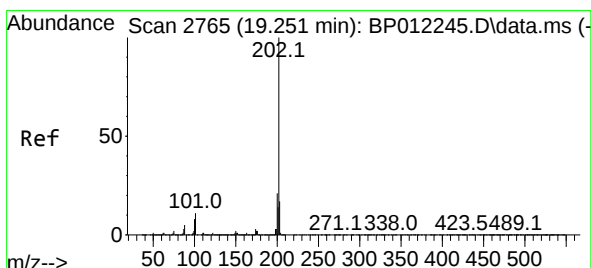
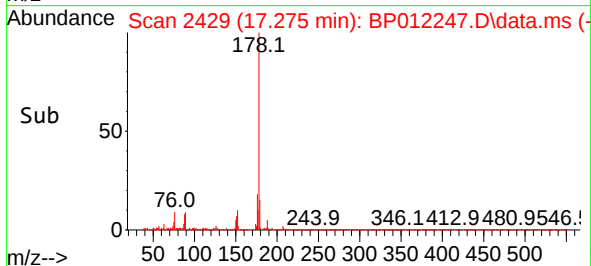
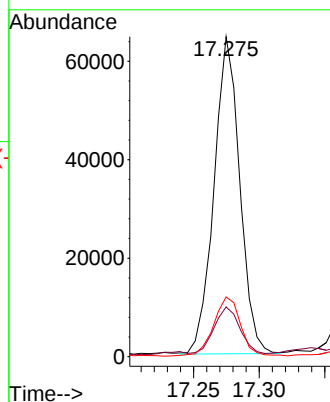
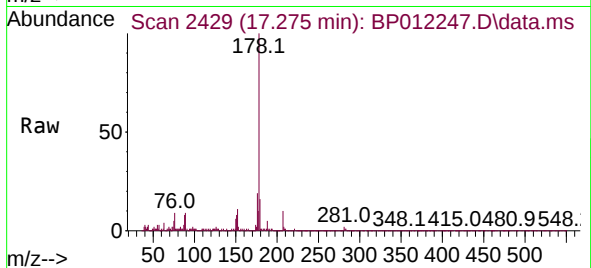
Tgt Ion:178 Resp: 88072

Ion Ratio Lower Upper

178 100

179 15.5 12.6 18.8

176 18.6 15.6 23.4



#80

Fluoranthene

Concen: 1.103 ng/ul

RT: 19.245 min Scan# 2764

Delta R.T. -0.006 min

Lab File: BP012247.D

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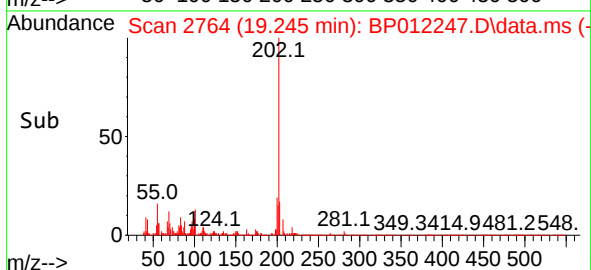
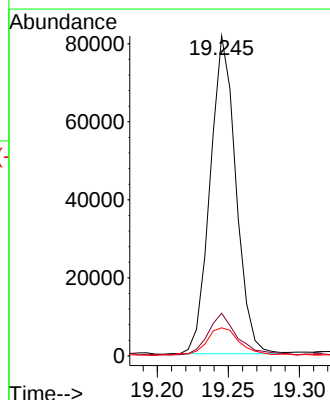
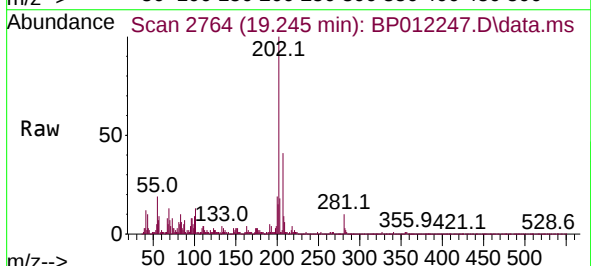
Tgt Ion:202 Resp: 102934

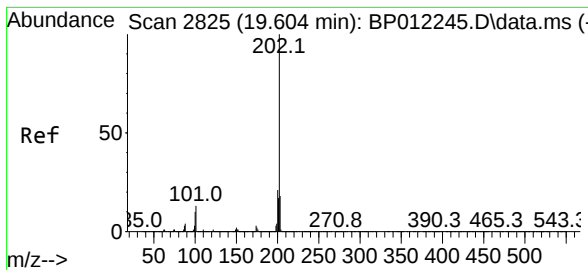
Ion Ratio Lower Upper

202 100

101 13.3 10.4 15.6

100 8.8 7.7 11.5





#82  
 Pyrene  
 Concen: 1.026 ng/ul  
 RT: 19.598 min Scan# 2824  
 Delta R.T. -0.006 min  
 Lab File: BP012247.D  
 Acq: 21 Oct 2022 16:05

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 202   | Resp: | 97972 |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 13.9  | 12.3  | 18.5  |
| 100      | 12.4  | 10.0  | 15.0  |

