

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081922\  
 Data File : BP011503.D  
 Acq On : 19 Aug 2022 11:49  
 Operator : CG/JU  
 Sample : N4210-10  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

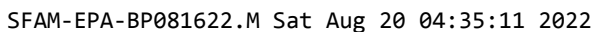
Instrument :  
 BNA\_P  
 ClientSampleId :

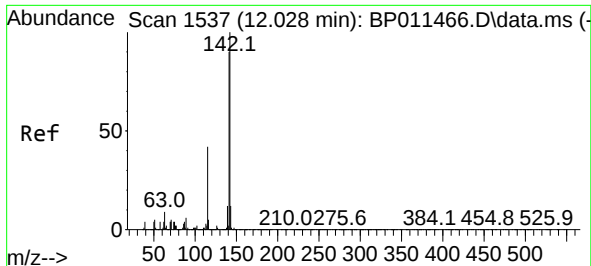
Quant Time: Aug 20 04:34:53 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP081622.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Aug 17 01:58:37 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.558  | 152  | 110908   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.340 | 136  | 464188   | 20.000 | ng/ul  | -0.01    |
| 38) Acenaphthene-d10          | 14.228 | 164  | 258950   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 16.998 | 188  | 503880   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.133 | 240  | 447272   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.421 | 264  | 463733   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.070  | 96   | 8613     | 2.410  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.487  | 84   | 40847    | 4.464  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.740  | 99   | 152480   | 14.961 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.905  | 67   | 96902    | 14.634 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.087  | 132  | 123499   | 16.475 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.275  | 113  | 114359   | 14.019 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.716  | 128  | 55384    | 16.573 | ng/ul  | -0.01    |
| 24) 2-Nitrophenol-d4          | 9.434  | 143  | 57611    | 16.939 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 9.975  | 165  | 106098   | 16.900 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.499 | 131  | 111676   | 10.686 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.651 | 166  | 320133   | 17.479 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 13.916 | 160  | 359184   | 17.645 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.463 | 143  | 42314    | 11.991 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.234 | 176  | 275919   | 17.907 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.369 | 200  | 32653    | 11.993 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.098 | 188  | 429038   | 19.225 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.363 | 212  | 475938   | 21.032 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.274 | 264  | 454751   | 20.159 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 36) 2-Methylnaphthalene       | 12.022 | 142  | 16876    | 1.058  | ng/ul  | 88       |
| 50) Acenaphthylene            | 13.945 | 152  | 30729    | 1.271  | ng/ul  | 96       |
| 72) Phenanthrene              | 17.045 | 178  | 138029   | 5.061  | ng/ul  | 100      |
| 74) Anthracene                | 17.134 | 178  | 46121    | 1.676  | ng/ul  | 98       |
| 80) Fluoranthene              | 19.033 | 202  | 369901   | 13.292 | ng/ul  | 98       |
| 82) Pyrene                    | 19.392 | 202  | 326063   | 11.151 | ng/ul  | 98       |
| 85) Benzo(a)anthracene        | 21.116 | 228  | 212070   | 7.782  | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.057 | 149  | 37345    | 1.924  | ng/ul# | 98       |
| 87) Chrysene                  | 21.169 | 228  | 219474   | 8.199  | ng/ul  | 97       |
| 90) Benzo(b)fluoranthene      | 22.727 | 252  | 372027   | 12.897 | ng/ul# | 97       |
| 91) Benzo(k)fluoranthene      | 22.727 | 252  | 372027   | 13.515 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 23.321 | 252  | 219259   | 7.785  | ng/ul  | 93       |
| 94) Indeno(1,2,3-cd)pyrene    | 25.780 | 276  | 188805   | 6.011  | ng/ul  | 99       |
| 95) Dibenzo(a,h)anthracene    | 25.792 | 278  | 48262    | 1.784  | ng/ul# | 85       |
| 96) Benzo(g,h,i)perylene      | 26.509 | 276  | 164734   | 6.165  | ng/ul  | 98       |
| -----                         |        |      |          |        |        |          |

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

Quant Time: Aug 20 04:34:53 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP081622.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Aug 17 01:58:37 2022  
Response via : Initial Calibration

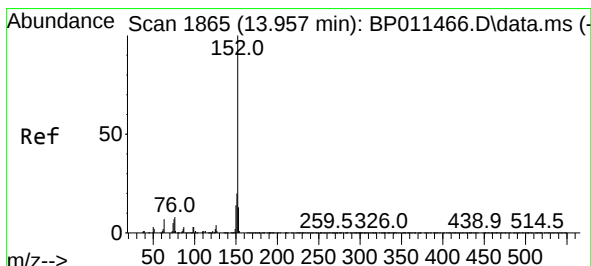
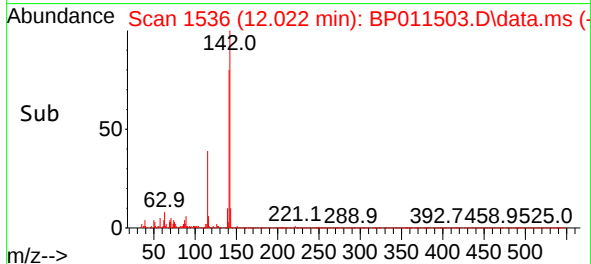
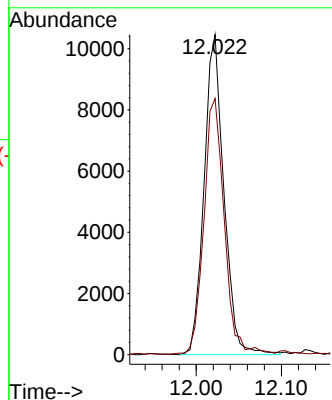
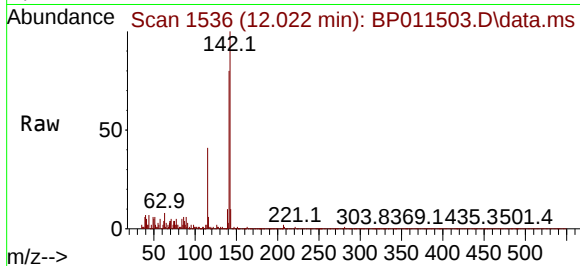




#36  
2-Methylnaphthalene  
Concen: 1.058 ng/ul  
RT: 12.022 min Scan# 1536  
Delta R.T. -0.006 min  
Lab File: BP011503.D  
Acq: 19 Aug 2022 11:49

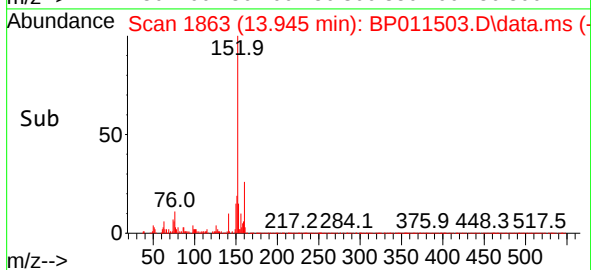
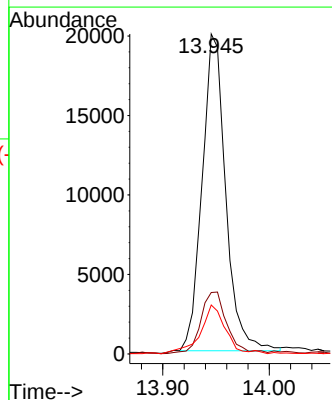
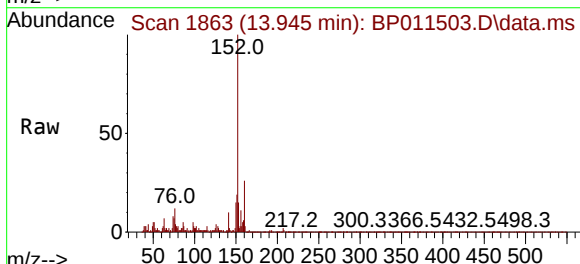
Instrument :  
BNA\_P  
ClientSampleId :

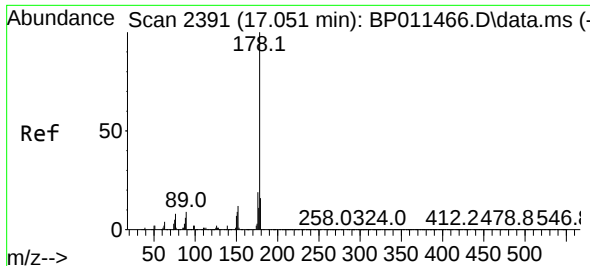
Tgt Ion:142 Resp: 16876  
Ion Ratio Lower Upper  
142 100  
141 80.1 73.4 110.0



#50  
Acenaphthylene  
Concen: 1.271 ng/ul  
RT: 13.945 min Scan# 1863  
Delta R.T. -0.006 min  
Lab File: BP011503.D  
Acq: 19 Aug 2022 11:49

Tgt Ion:152 Resp: 30729  
Ion Ratio Lower Upper  
152 100  
151 19.2 16.9 25.3  
153 15.3 10.6 15.8

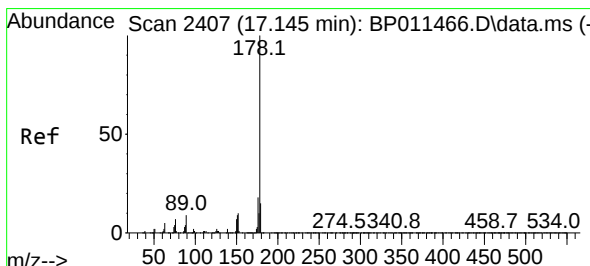
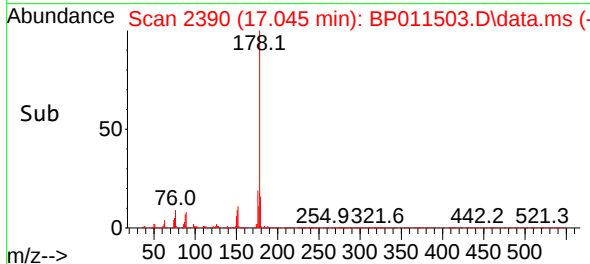
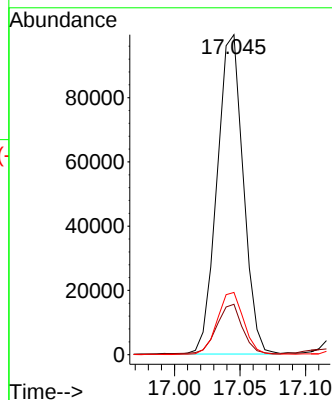
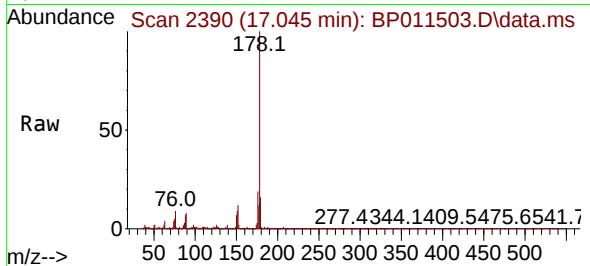




#72  
Phenanthrene  
Concen: 5.061 ng/ul  
RT: 17.045 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BP011503.D  
Acq: 19 Aug 2022 11:49

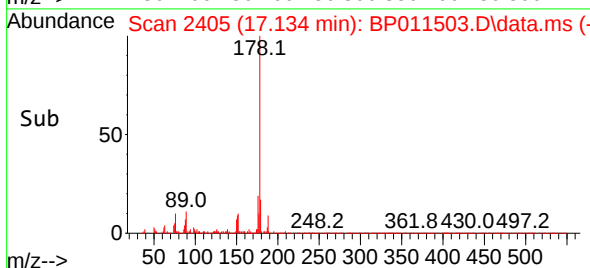
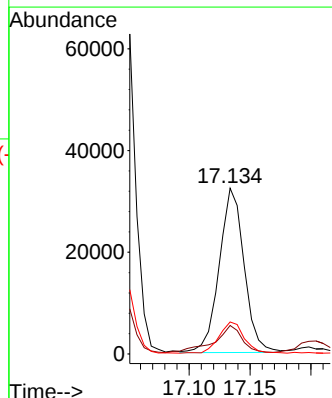
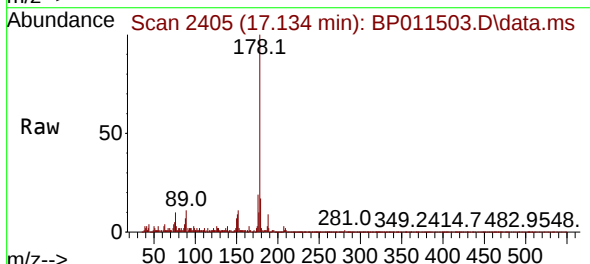
Instrument :  
BNA\_P  
ClientSampleId :

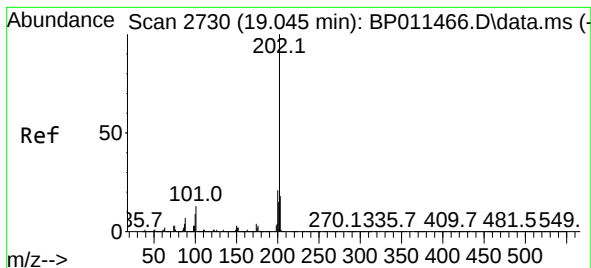
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Ion Ratio Lower Upper  
178 100  
179 15.7 12.6 18.8  
176 19.5 15.8 23.8



#74  
Anthracene  
Concen: 1.676 ng/ul  
RT: 17.134 min Scan# 2405  
Delta R.T. -0.006 min  
Lab File: BP011503.D  
Acq: 19 Aug 2022 11:49

Tgt Ion:178 Resp: 46121  
Ion Ratio Lower Upper  
178 100  
179 17.2 12.2 18.2  
176 19.3 15.4 23.0

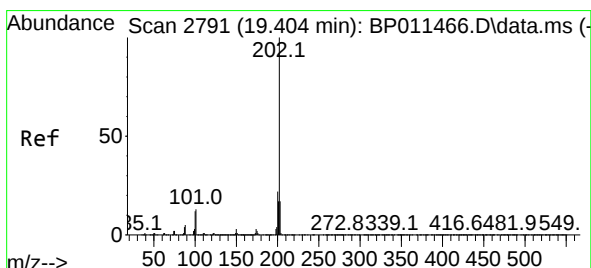
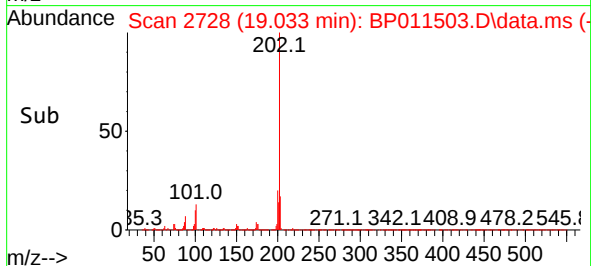
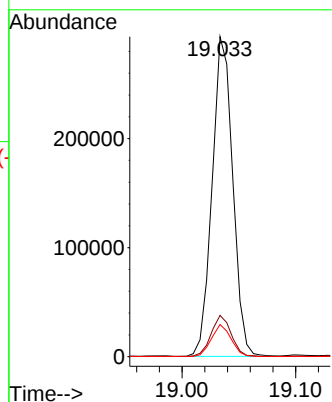
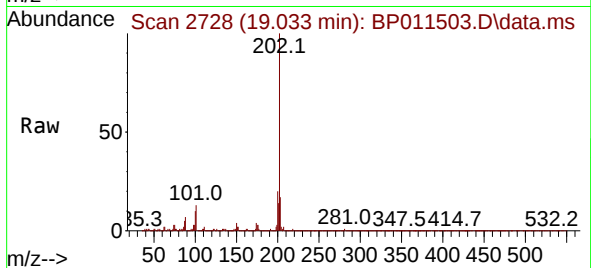




#80  
Fluoranthene  
Concen: 13.292 ng/ul  
RT: 19.033 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP011503.D  
Acq: 19 Aug 2022 11:49

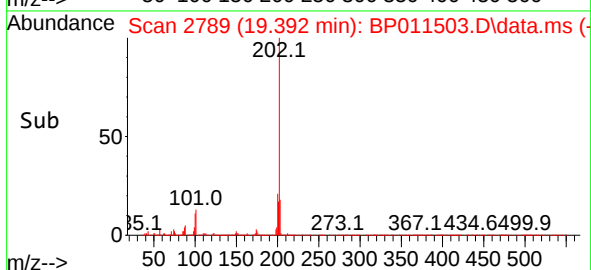
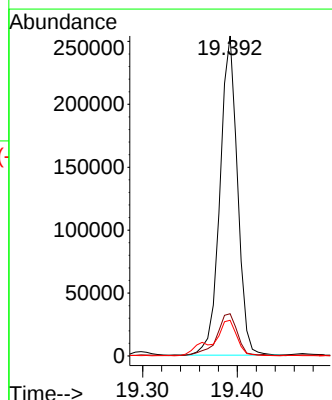
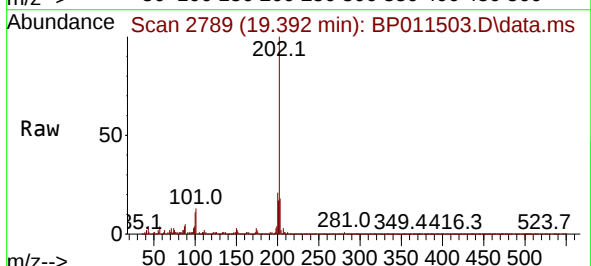
Instrument :  
BNA\_P  
ClientSampleId :

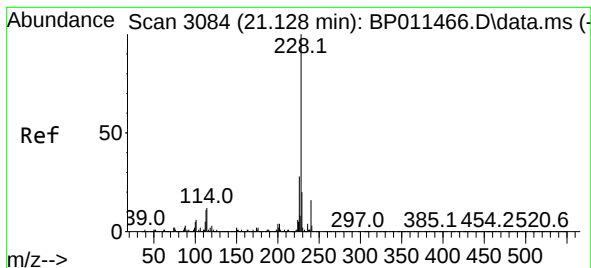
Tgt Ion:202 Resp: 369901  
Ion Ratio Lower Upper  
202 100  
101 12.9 9.5 14.3  
100 10.1 7.9 11.9



#82  
Pyrene  
Concen: 11.151 ng/ul  
RT: 19.392 min Scan# 2789  
Delta R.T. -0.000 min  
Lab File: BP011503.D  
Acq: 19 Aug 2022 11:49

Tgt Ion:202 Resp: 326063  
Ion Ratio Lower Upper  
202 100  
101 13.2 11.4 17.2  
100 11.2 9.4 14.0





#85

Benzo(a)anthracene

Concen: 7.782 ng/ul

RT: 21.116 min Scan# 3084

Delta R.T. -0.000 min

Lab File: BP011503.D

Acq: 19 Aug 2022 11:49

Instrument :

BNA\_P

ClientSampleId :

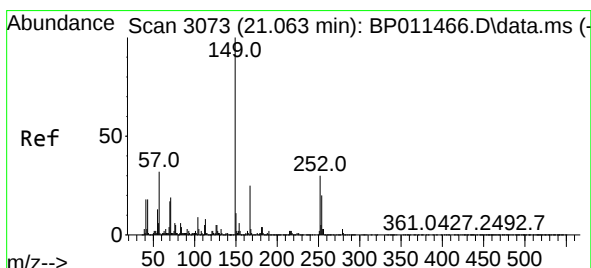
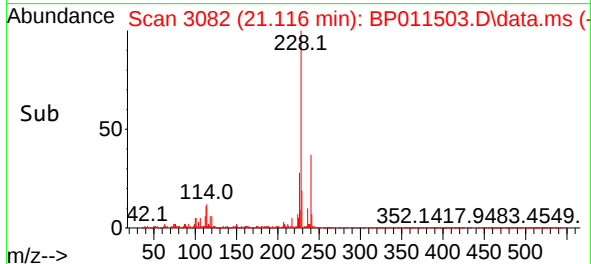
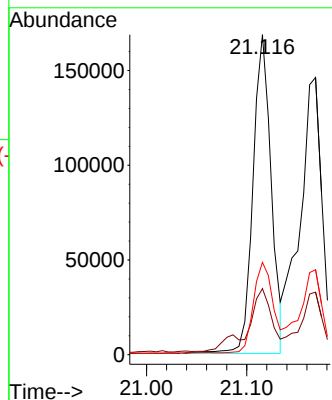
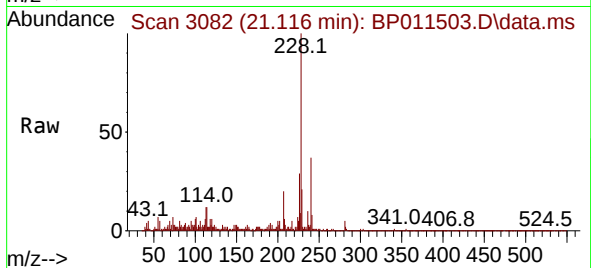
Tgt Ion:228 Resp: 212070

Ion Ratio Lower Upper

228 100

229 20.7 16.0 24.0

226 28.9 22.6 33.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.924 ng/ul

RT: 21.057 min Scan# 3072

Delta R.T. -0.006 min

Lab File: BP011503.D

Acq: 19 Aug 2022 11:49

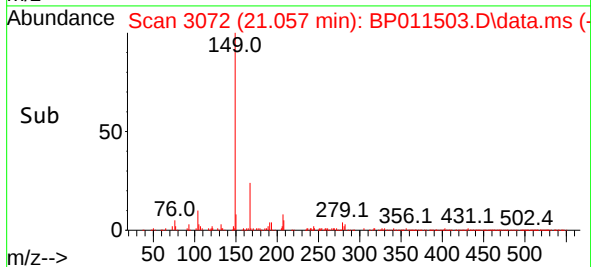
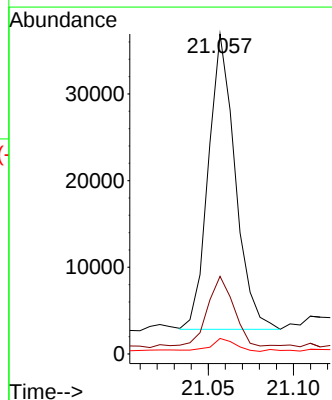
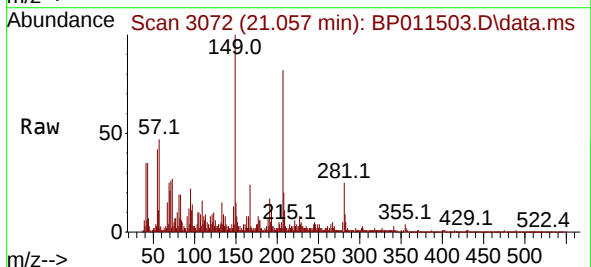
Tgt Ion:149 Resp: 37345

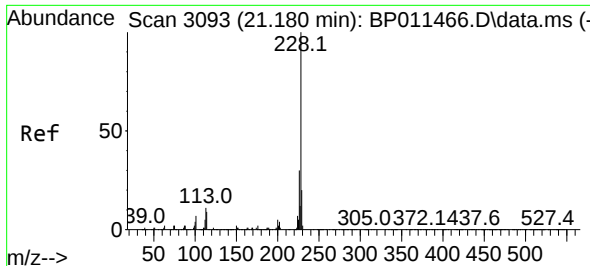
Ion Ratio Lower Upper

149 100

167 24.2 19.8 29.8

279 4.8 2.7 4.1#

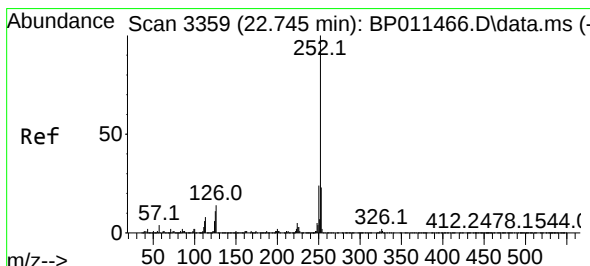
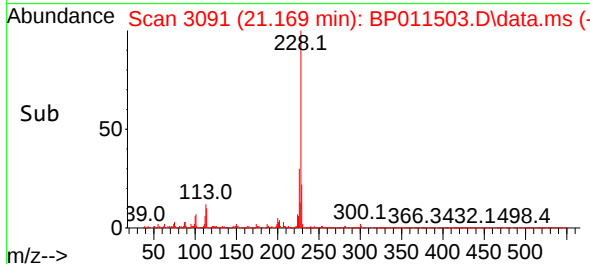
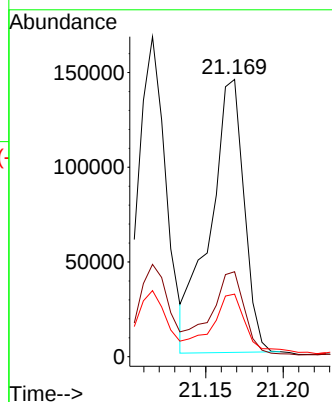
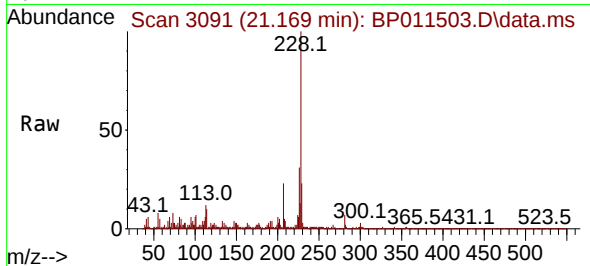




#87  
Chrysene  
Concen: 8.199 ng/ul  
RT: 21.169 min Scan# 3093  
Delta R.T. -0.000 min  
Lab File: BP011503.D  
Acq: 19 Aug 2022 11:49

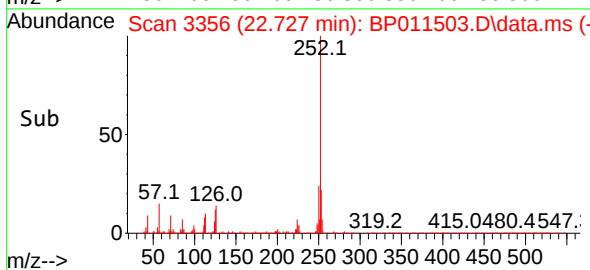
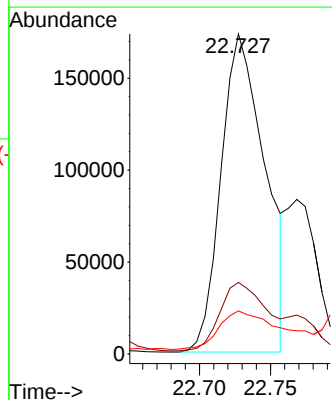
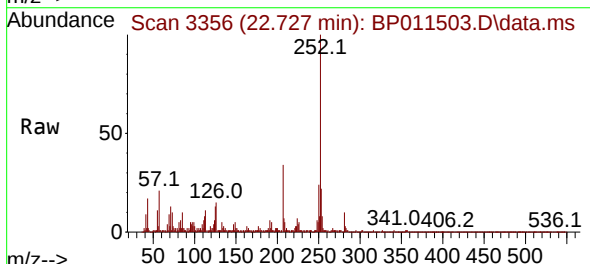
Instrument :  
BNA\_P  
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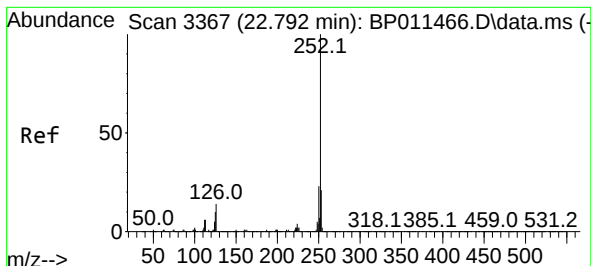
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Ion Ratio Lower Upper  
228 100  
226 30.7 23.9 35.9  
229 22.6 16.0 24.0



#90  
Benzo(b)fluoranthene  
Concen: 12.897 ng/ul  
RT: 22.727 min Scan# 3356  
Delta R.T. -0.000 min  
Lab File: BP011503.D  
Acq: 19 Aug 2022 11:49

Tgt Ion:252 Resp: 372027  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.5 26.3  
125 13.5 9.0 13.4#





#91

Benzo(k)fluoranthene

Concen: 13.515 ng/ul

RT: 22.727 min Scan# 31

Delta R.T. -0.047 min

Lab File: BP011503.D

Acq: 19 Aug 2022 11:49

Instrument :

BNA\_P

ClientSampleId :

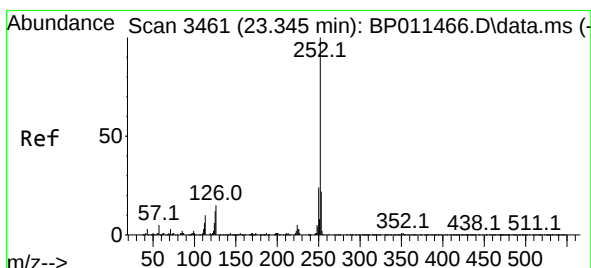
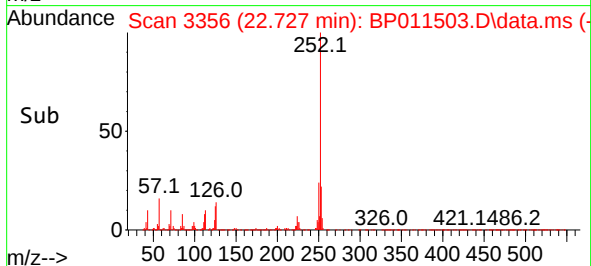
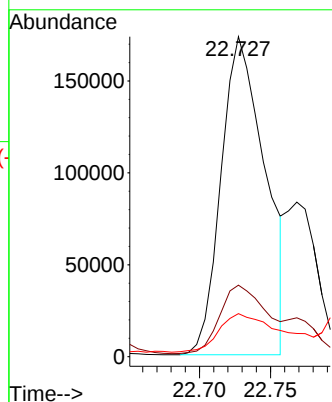
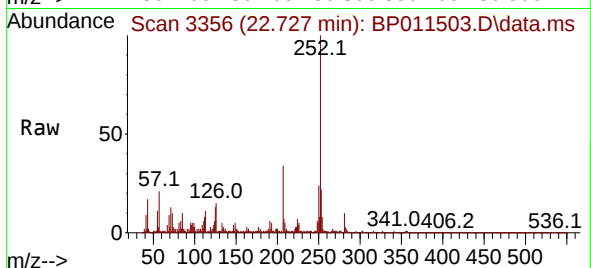
Tgt Ion:252 Resp: 372027

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 13.5 9.8 14.8



#93

Benzo(a)pyrene

Concen: 7.785 ng/ul

RT: 23.321 min Scan# 3457

Delta R.T. -0.006 min

Lab File: BP011503.D

Acq: 19 Aug 2022 11:49

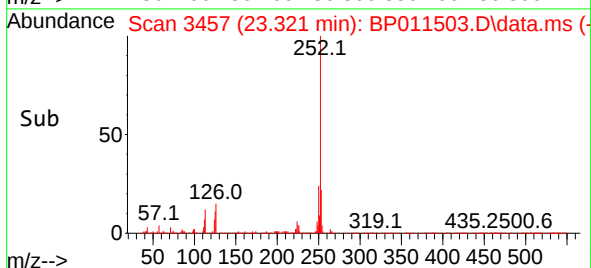
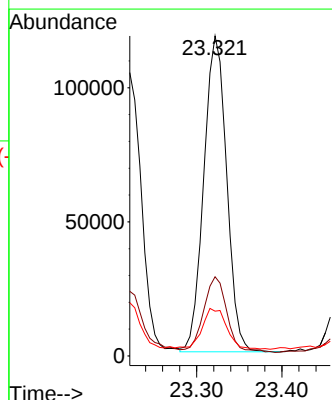
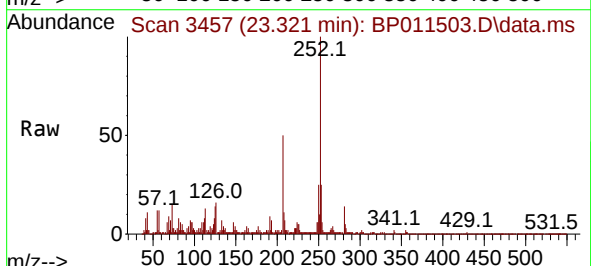
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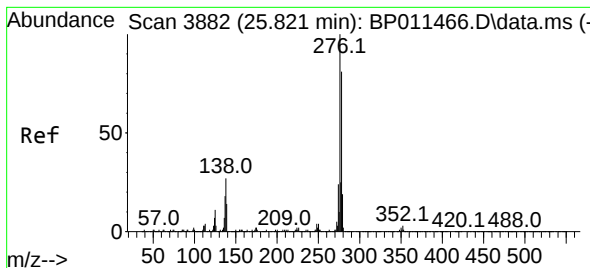
Ion Ratio Lower Upper

252 100

253 24.7 16.8 25.2

125 14.0 9.9 14.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 6.011 ng/ul

RT: 25.780 min Scan# 3875

Delta R.T. -0.006 min

Lab File: BP011503.D

Acq: 19 Aug 2022 11:49

Instrument :

BNA\_P

ClientSampleId :

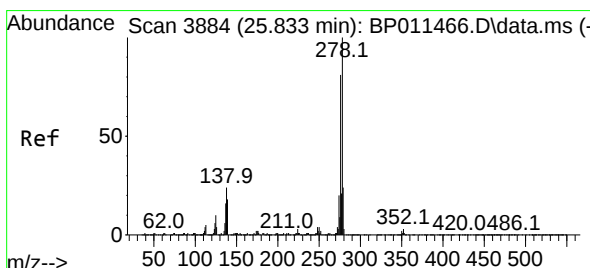
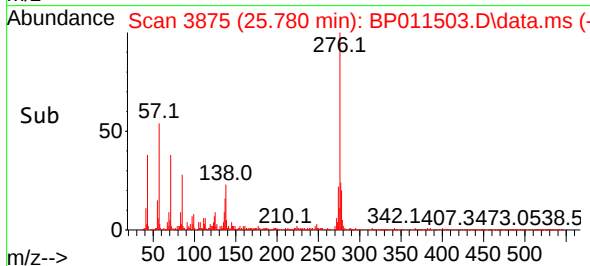
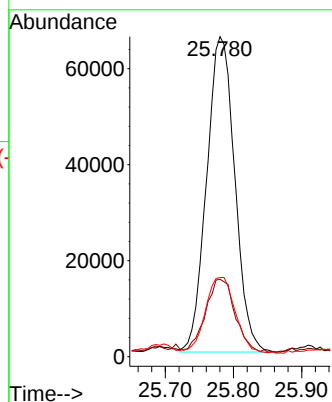
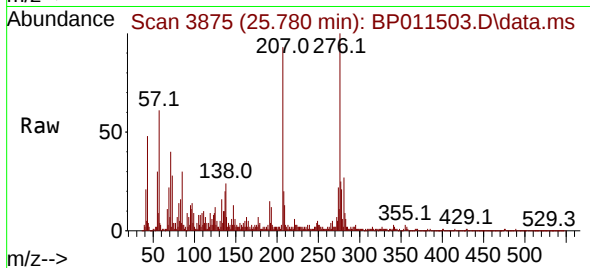
Tgt Ion:276 Resp: 188805

Ion Ratio Lower Upper

276 100

138 24.2 20.2 30.4

277 24.8 20.1 30.1



#95

Dibenzo(a,h)anthracene

Concen: 1.784 ng/ul

RT: 25.792 min Scan# 3877

Delta R.T. -0.012 min

Lab File: BP011503.D

Acq: 19 Aug 2022 11:49

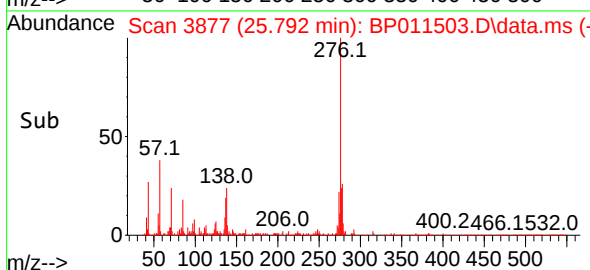
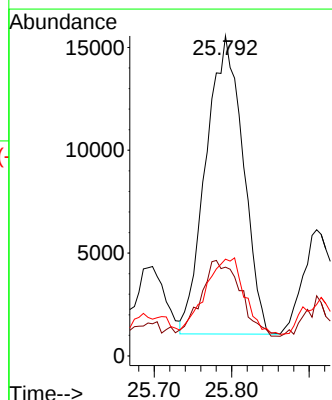
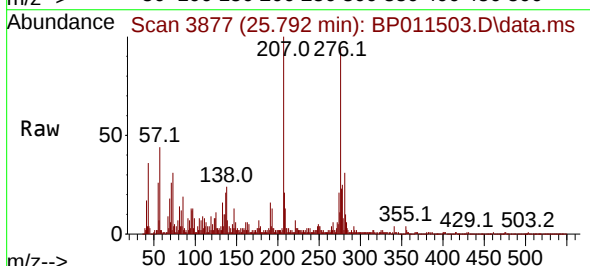
Tgt Ion:278 Resp: 48262

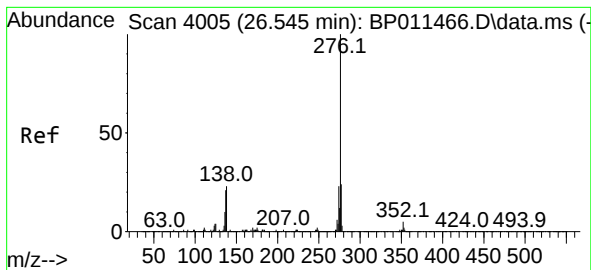
Ion Ratio Lower Upper

278 100

139 27.7 15.4 23.0#

279 30.2 19.3 28.9#





#96

Benzo(g,h,i)perylene

Concen: 6.165 ng/ul

RT: 26.509 min Scan# 3999

Delta R.T. -0.000 min

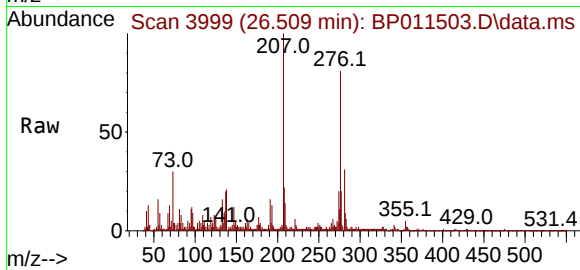
Lab File: BP011503.D

Acq: 19 Aug 2022 11:49

Instrument :

BNA\_P

ClientSampleId :



Tgt Ion:276 Resp: 164734

Ion Ratio Lower Upper

276 100

138 25.5 19.4 29.2

277 24.9 19.1 28.7

