

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062023\  
 Data File : BP015622.D  
 Acq On : 20 Jun 2023 15:21  
 Operator : MA/JU  
 Sample : 03080-04  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCFH3

Quant Time: Jun 20 22:26:55 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 15 05:36:46 2023  
 Response via : Initial Calibration

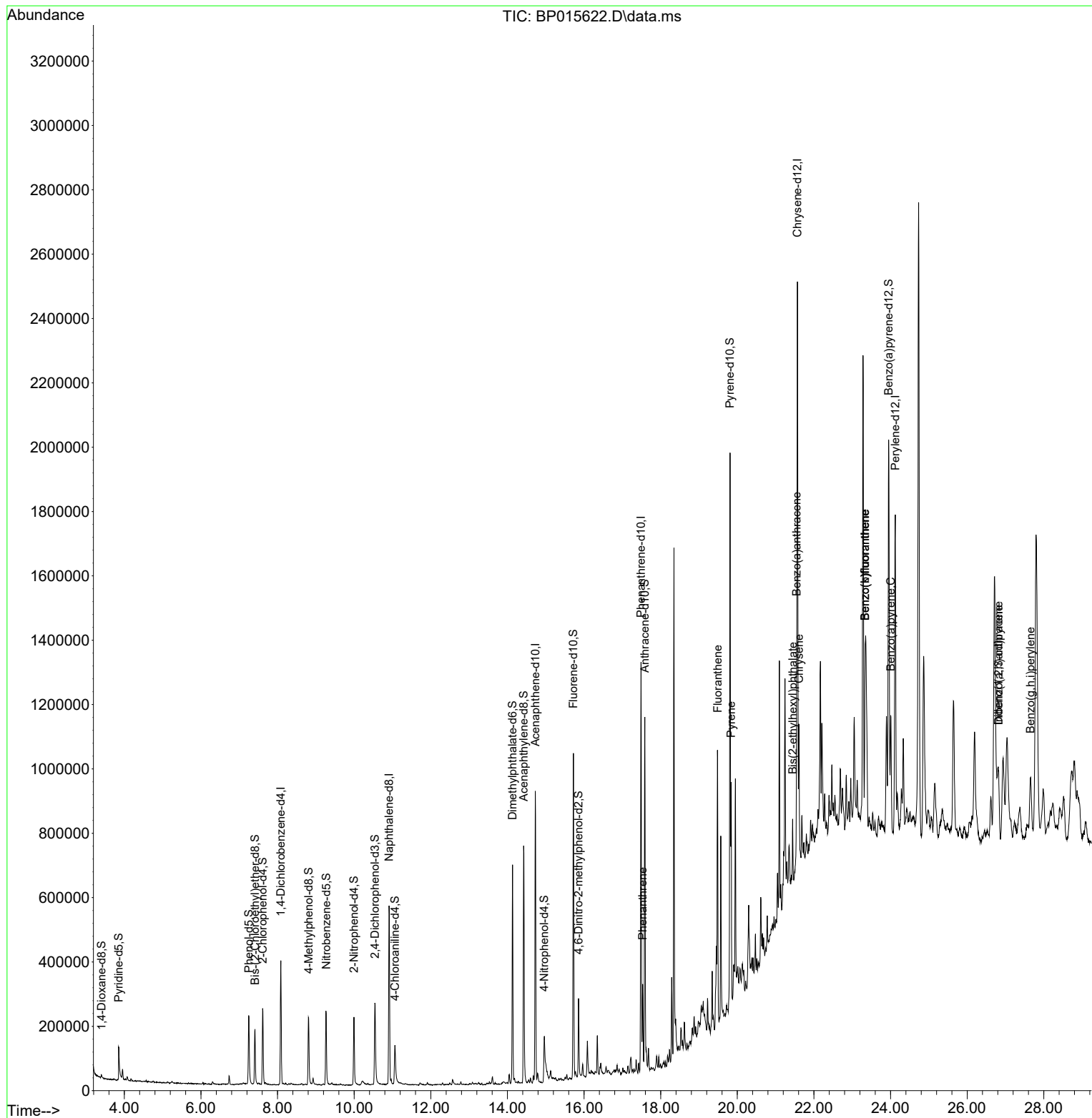
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.087  | 152  | 99407    | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.910 | 136  | 441062   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.728 | 164  | 291508   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.486 | 188  | 721302   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.569 | 240  | 738176   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.121 | 264  | 800852   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.405  | 96   | 5658     | 2.108  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.852  | 84   | 61302    | 8.791  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.252  | 99   | 129009   | 14.087 | ng/ul  | 0.01     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.411  | 67   | 81450    | 14.892 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.611  | 132  | 102698   | 15.467 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.810  | 113  | 84468    | 11.238 | ng/ul  | 0.01     |
| 21) Nitrobenzene-d5           | 9.269  | 128  | 54121    | 15.629 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.993  | 143  | 62807    | 15.883 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.540 | 165  | 107298   | 14.874 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.063 | 131  | 87233    | 8.425  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.134 | 166  | 403947   | 17.573 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.422 | 160  | 462602   | 18.404 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.963 | 143  | 48524    | 11.788 | ng/ul  | 0.03     |
| 60) Fluorene-d10              | 15.722 | 176  | 360372   | 18.591 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.857 | 200  | 46819    | 10.246 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.586 | 188  | 594617   | 18.118 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.810 | 212  | 812112   | 20.555 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.951 | 264  | 757951   | 18.862 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 72) Phenanthrene              | 17.528 | 178  | 153570   | 3.967  | ng/ul  | 100      |
| 80) Fluoranthene              | 19.486 | 202  | 421782   | 8.764  | ng/ul  | 99       |
| 82) Pyrene                    | 19.839 | 202  | 378579   | 7.604  | ng/ul  | 98       |
| 85) Benzo(a)anthracene        | 21.551 | 228  | 248522   | 4.816  | ng/ul  | 96       |
| 86) Bis(2-ethylhexyl)phtha... | 21.445 | 149  | 57304    | 1.762  | ng/ul  | 99       |
| 87) Chrysene                  | 21.610 | 228  | 284885   | 5.841  | ng/ul  | 96       |
| 90) Benzo(b)fluoranthene      | 23.333 | 252  | 419767   | 8.120  | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 23.333 | 252  | 419132   | 8.387  | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 24.004 | 252  | 304147   | 6.748  | ng/ul  | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.815 | 276  | 227641   | 3.903  | ng/ul  | 96       |
| 95) Dibenzo(a,h)anthracene    | 26.815 | 278  | 63396    | 1.334  | ng/ul# | 70       |
| 96) Benzo(g,h,i)perylene      | 27.651 | 276  | 266500   | 5.544  | ng/ul  | 97       |
| -----                         |        |      |          |        |        |          |

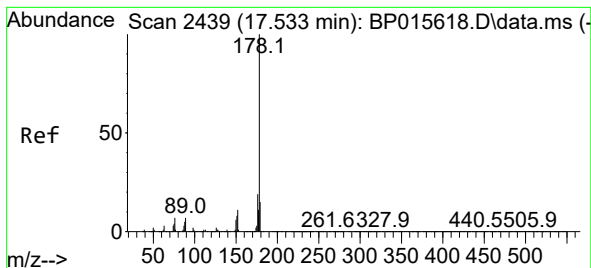
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062023\  
Data File : BP015622.D  
Acq On : 20 Jun 2023 15:21  
Operator : MA/JU  
Sample : 03080-04  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCFH3

Quant Time: Jun 20 22:26:55 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 15 05:36:46 2023  
Response via : Initial Calibration





#72

Phenanthrene

Concen: 3.967 ng/ul

RT: 17.528 min Scan# 2439

Delta R.T. -0.000 min

Lab File: BP015622.D

Acq: 20 Jun 2023 15:21

Instrument :

BNA\_P

ClientSampleId :

DCFH3

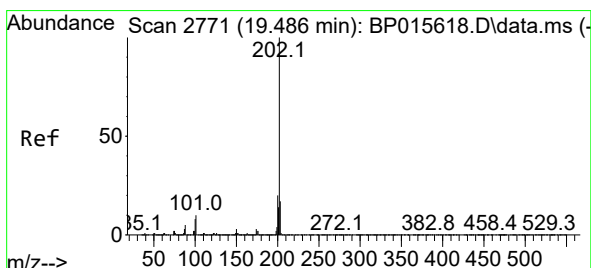
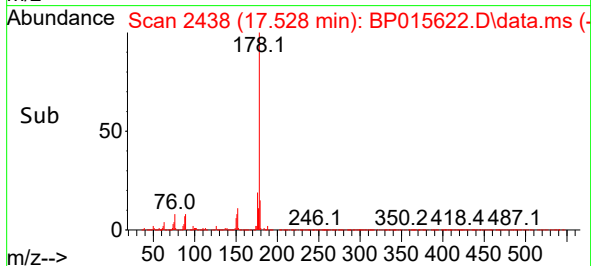
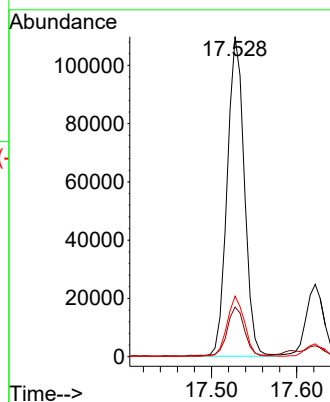
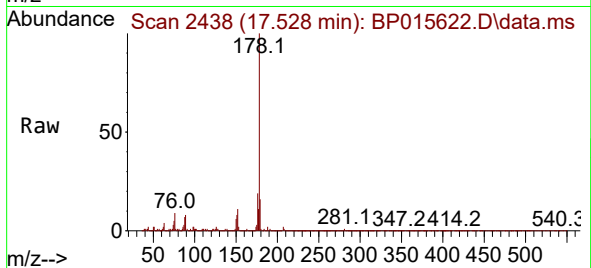
Tgt Ion:178 Resp: 153570

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 18.9 15.4 23.0



#80

Fluoranthene

Concen: 8.764 ng/ul

RT: 19.486 min Scan# 2771

Delta R.T. -0.000 min

Lab File: BP015622.D

Acq: 20 Jun 2023 15:21

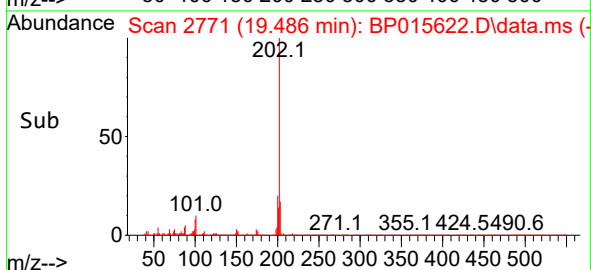
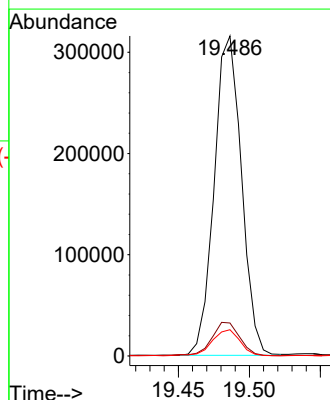
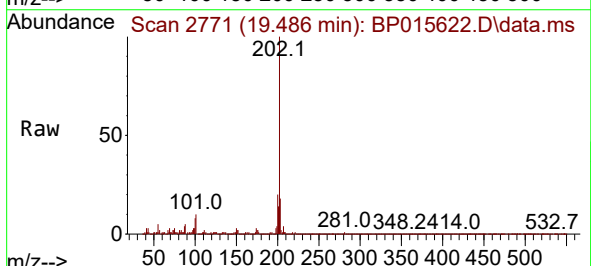
Tgt Ion:202 Resp: 421782

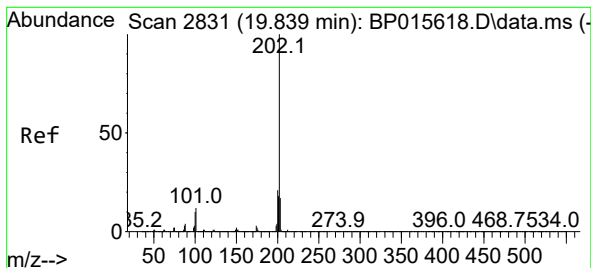
Ion Ratio Lower Upper

202 100

101 10.3 8.6 13.0

100 8.2 6.6 9.8





#82

Pyrene

Concen: 7.604 ng/ul

RT: 19.839 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015622.D

Acq: 20 Jun 2023 15:21

Instrument :

BNA\_P

ClientSampleId :

DCFH3

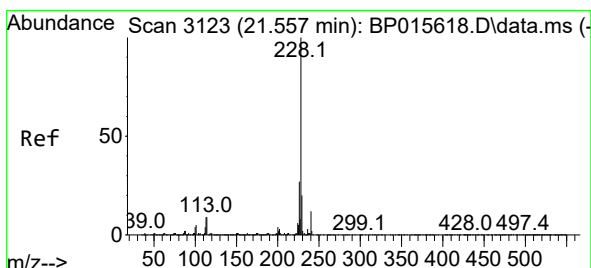
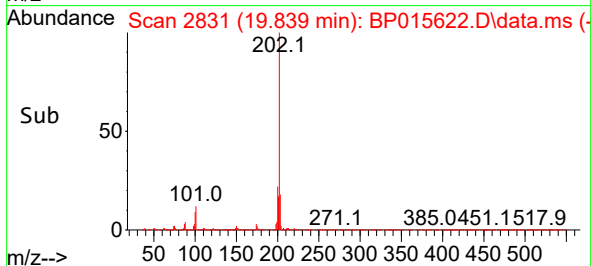
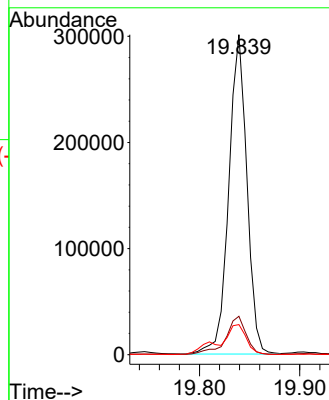
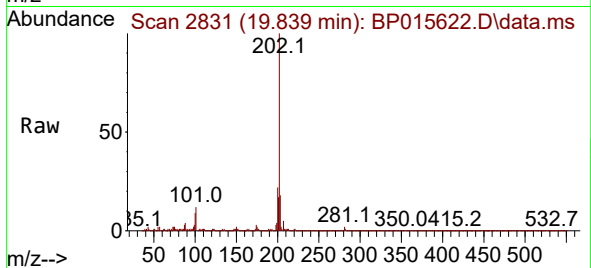
Tgt Ion:202 Resp: 378579

Ion Ratio Lower Upper

202 100

101 12.0 9.9 14.9

100 9.4 8.4 12.6



#85

Benzo(a)anthracene

Concen: 4.816 ng/ul

RT: 21.551 min Scan# 3122

Delta R.T. -0.000 min

Lab File: BP015622.D

Acq: 20 Jun 2023 15:21

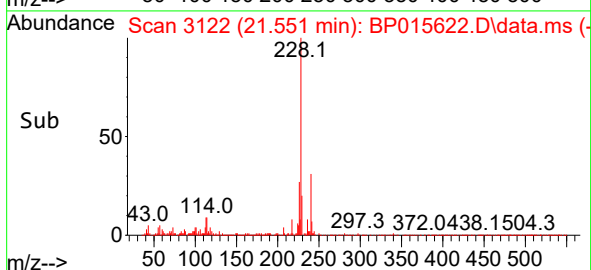
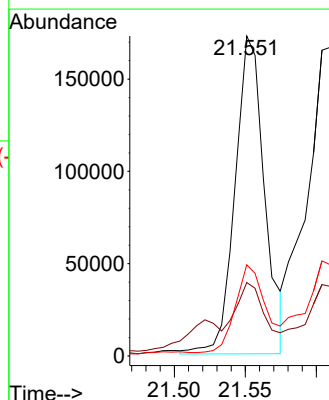
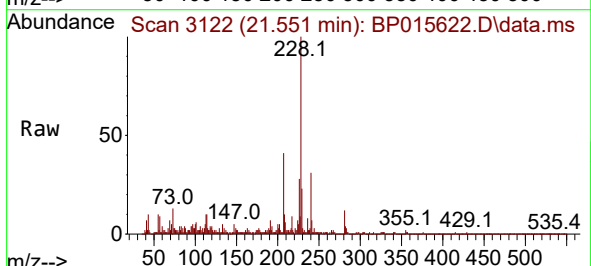
Tgt Ion:228 Resp: 248522

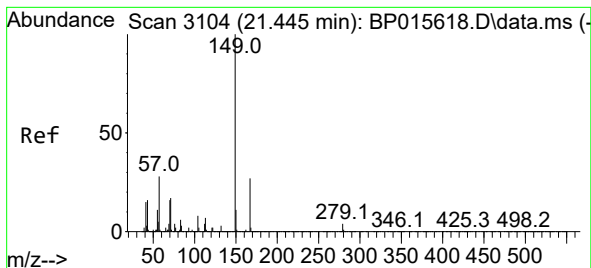
Ion Ratio Lower Upper

228 100

229 22.9 15.8 23.6

226 28.5 21.8 32.6

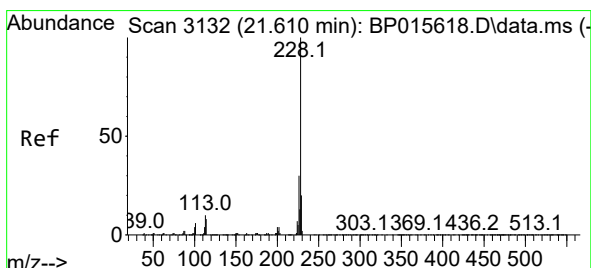
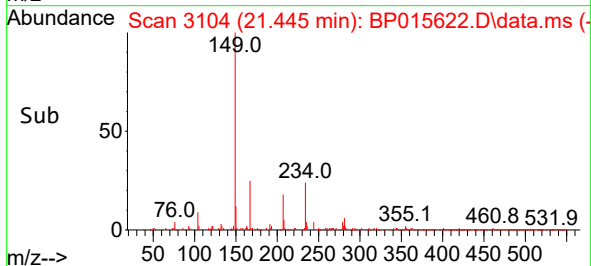
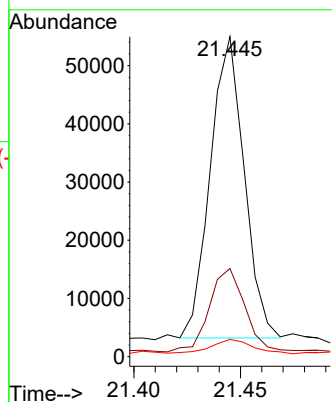
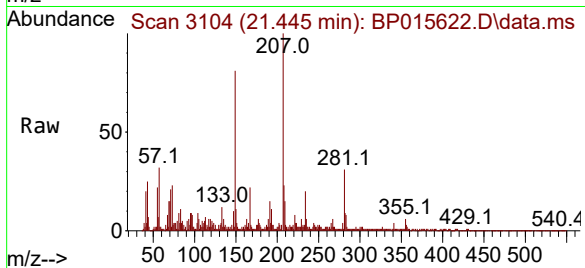




#86  
 Bis(2-ethylhexyl)phthalate  
 Concen: 1.762 ng/ul  
 RT: 21.445 min Scan# 3104  
 Delta R.T. -0.000 min  
 Lab File: BP015622.D  
 Acq: 20 Jun 2023 15:21

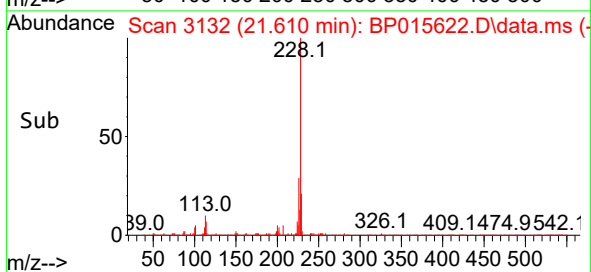
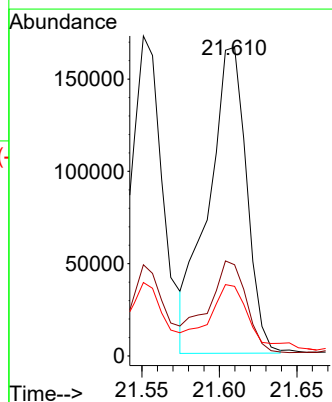
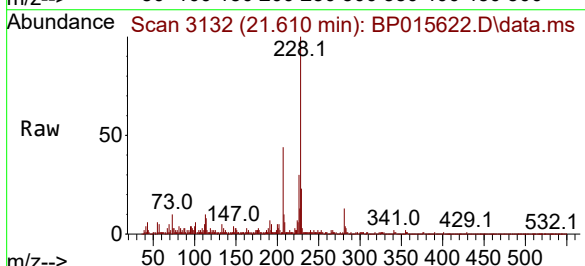
Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCFH3

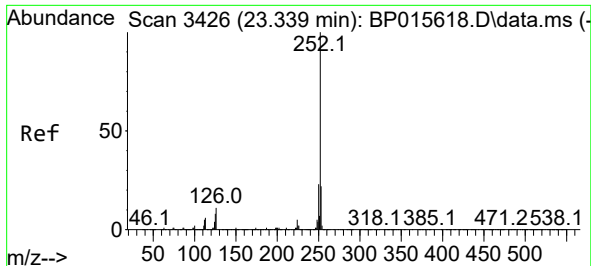
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 57304     |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 167         | 27.5  | 21.8 32.8 |
| 279         | 5.4   | 3.7 5.5   |



#87  
 Chrysene  
 Concen: 5.841 ng/ul  
 RT: 21.610 min Scan# 3132  
 Delta R.T. -0.000 min  
 Lab File: BP015622.D  
 Acq: 20 Jun 2023 15:21

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:228 | Resp: | 284885    |
| Ion Ratio   | Lower | Upper     |
| 228         | 100   |           |
| 226         | 29.5  | 23.9 35.9 |
| 229         | 22.5  | 15.1 22.7 |

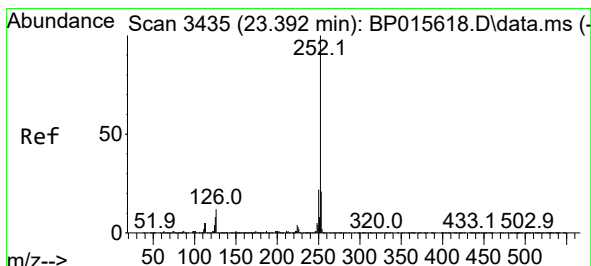
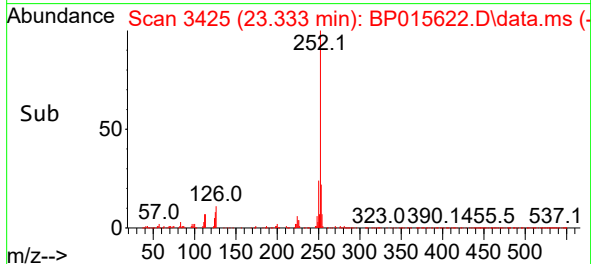
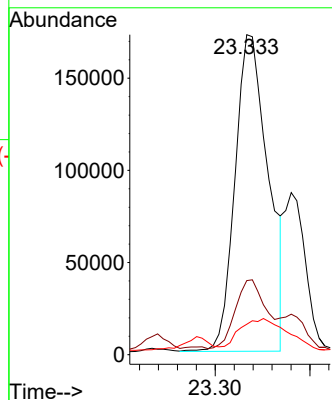
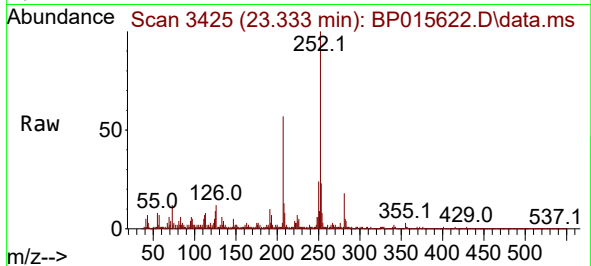




#90  
Benzo(b)fluoranthene  
Concen: 8.120 ng/ul  
RT: 23.333 min Scan# 3425  
Delta R.T. 0.006 min  
Lab File: BP015622.D  
Acq: 20 Jun 2023 15:21

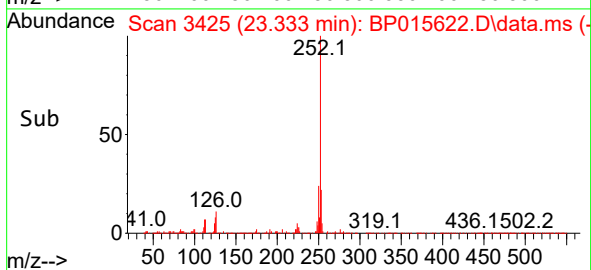
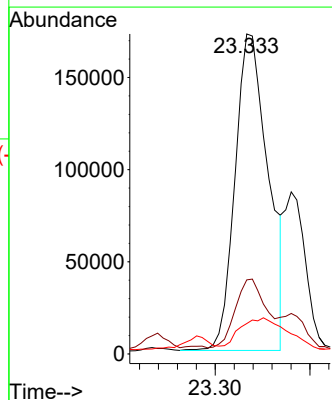
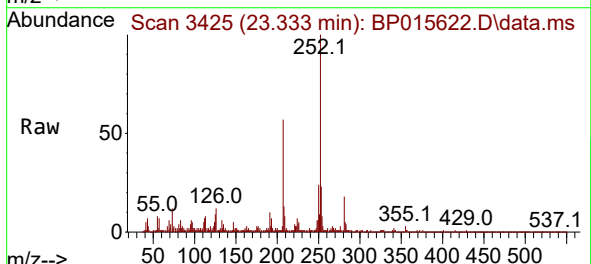
Instrument :  
BNA\_P  
ClientSampleId :  
DCFH3

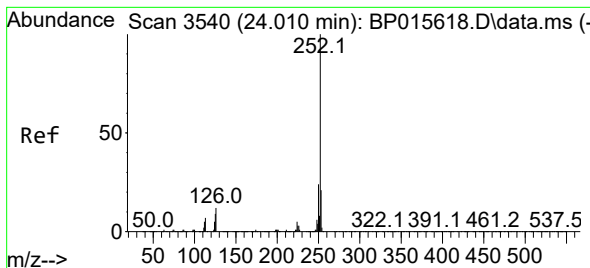
Tgt Ion:252 Resp: 419767  
Ion Ratio Lower Upper  
252 100  
253 23.2 17.4 26.2  
125 9.5 7.3 10.9



#91  
Benzo(k)fluoranthene  
Concen: 8.387 ng/ul  
RT: 23.333 min Scan# 3425  
Delta R.T. -0.047 min  
Lab File: BP015622.D  
Acq: 20 Jun 2023 15:21

Tgt Ion:252 Resp: 419132  
Ion Ratio Lower Upper  
252 100  
253 23.2 17.7 26.5  
125 9.5 7.3 10.9





#93

Benzo(a)pyrene

Concen: 6.748 ng/ul

RT: 24.004 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP015622.D

Acq: 20 Jun 2023 15:21

Instrument :

BNA\_P

ClientSampleId :

DCFH3

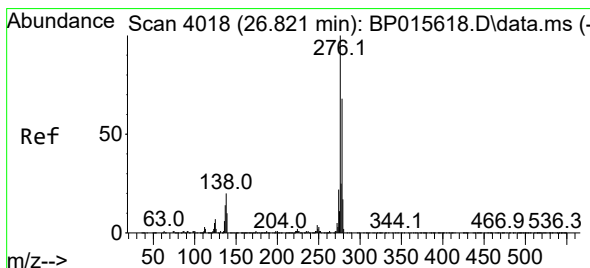
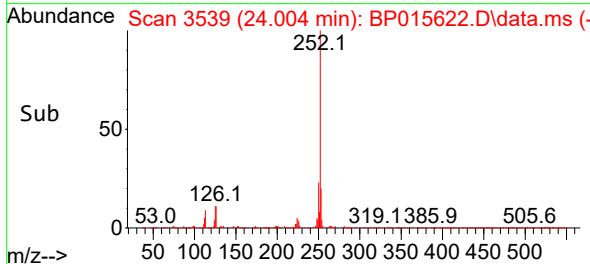
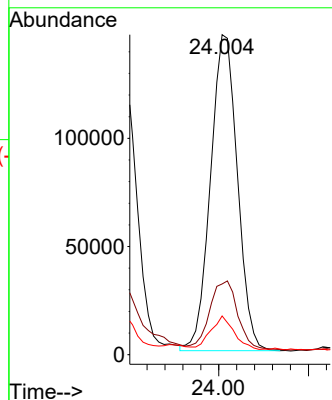
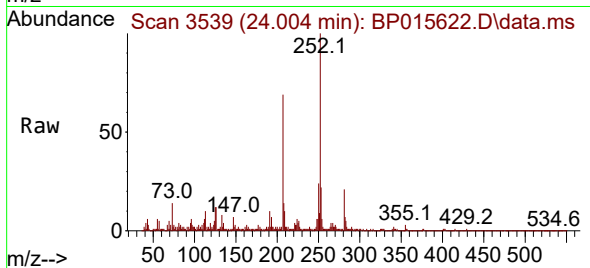
Tgt Ion:252 Resp: 304147

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 12.1 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.903 ng/ul

RT: 26.815 min Scan# 4017

Delta R.T. 0.006 min

Lab File: BP015622.D

Acq: 20 Jun 2023 15:21

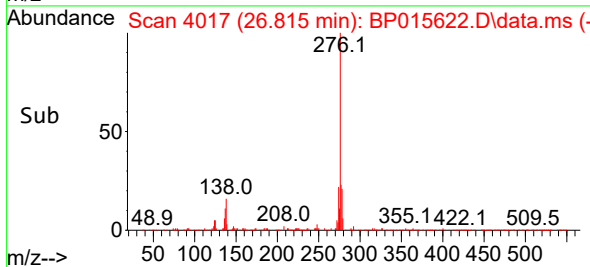
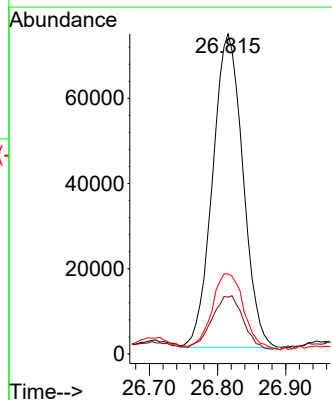
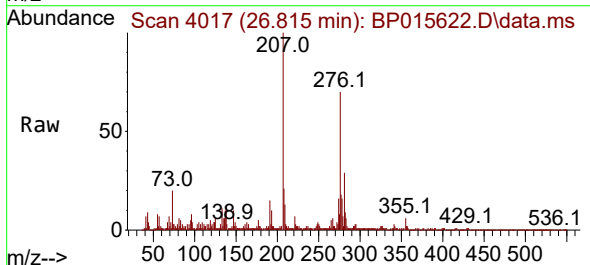
Tgt Ion:276 Resp: 227641

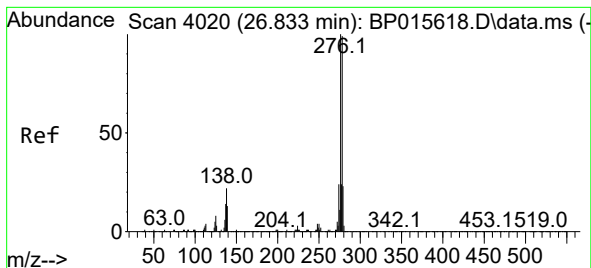
Ion Ratio Lower Upper

276 100

138 17.7 17.3 25.9

277 25.0 20.2 30.2





#95

Dibenzo(a,h)anthracene

Concen: 1.334 ng/ul

RT: 26.815 min Scan# 4020

Delta R.T. -0.012 min

Lab File: BP015622.D

Acq: 20 Jun 2023 15:21

Instrument :

BNA\_P

ClientSampleId :

DCFH3

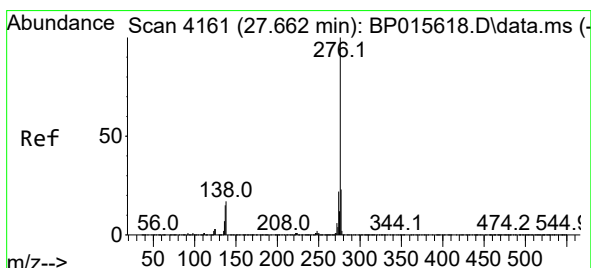
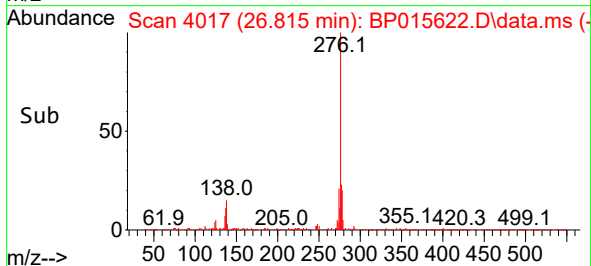
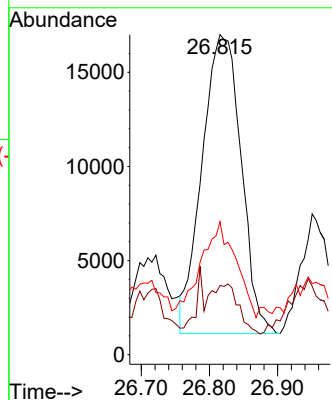
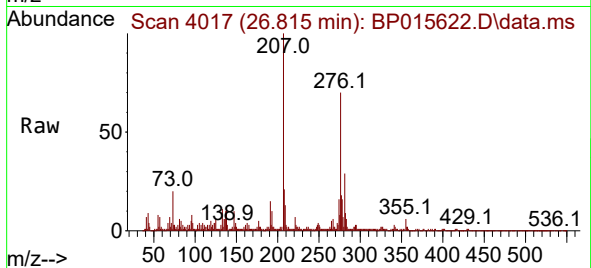
Tgt Ion:278 Resp: 63396

Ion Ratio Lower Upper

278 100

139 21.6 11.4 17.0#

279 41.5 18.7 28.1#



#96

Benzo(g,h,i)perylene

Concen: 5.544 ng/ul

RT: 27.651 min Scan# 4159

Delta R.T. 0.012 min

Lab File: BP015622.D

Acq: 20 Jun 2023 15:21

Tgt Ion:276 Resp: 266500

Ion Ratio Lower Upper

276 100

138 19.2 15.6 23.4

277 26.2 19.0 28.6

