

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP122222\  
 Data File : BP013249.D  
 Acq On : 22 Dec 2022 16:52  
 Operator : CG/JU  
 Sample : N6015-09  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Dec 22 21:47:33 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP120722.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Dec 21 23:38:37 2022  
 Response via : Initial Calibration

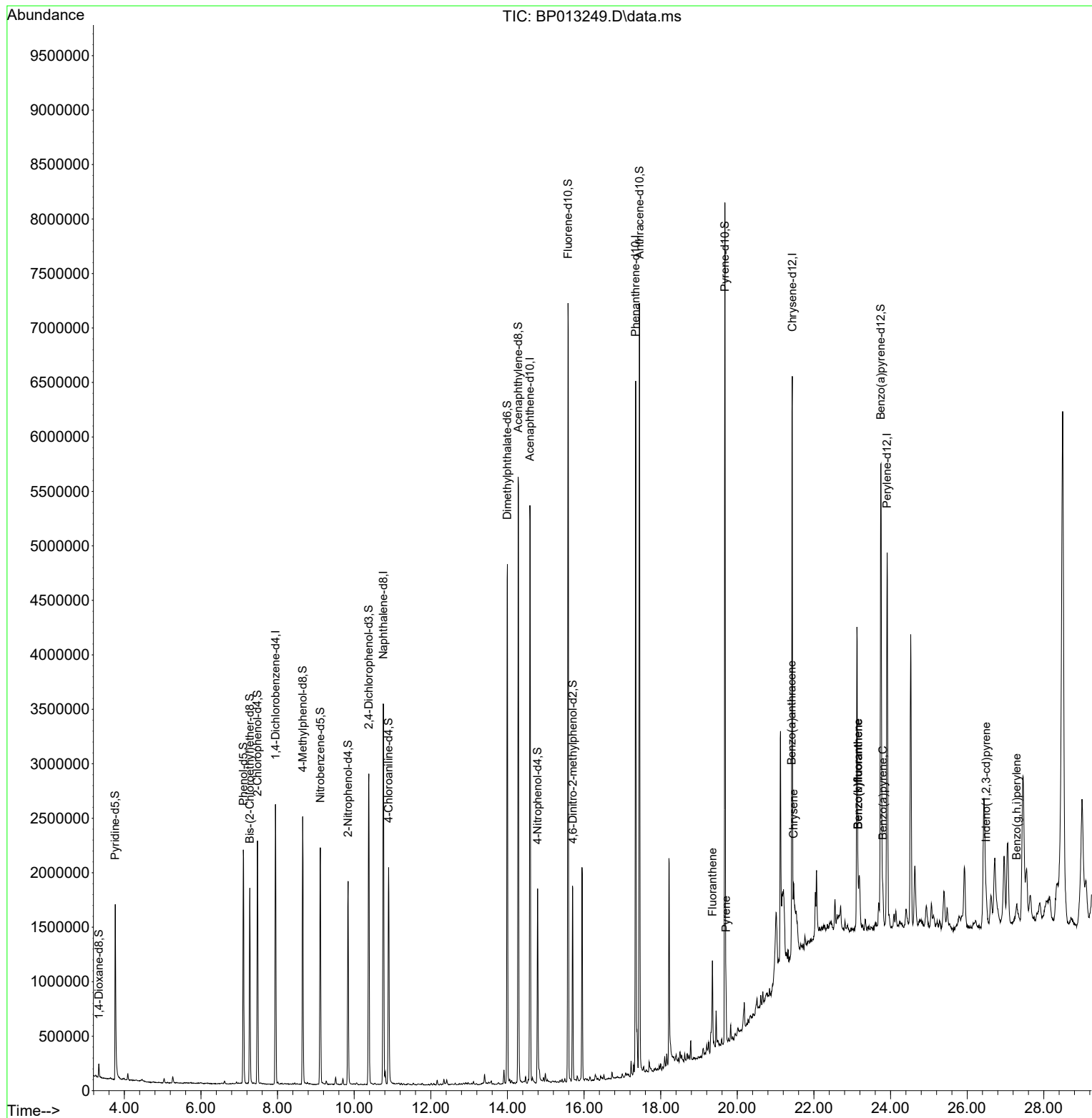
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.946  | 152  | 684463   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.757 | 136  | 2892097  | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.587 | 164  | 1817348  | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.345 | 188  | 3759700  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.433 | 240  | 2448142  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.910 | 264  | 2713022  | 20.000 | ng/ul  | 0.00     |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.334  | 96   | 57845    | 3.613  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.764  | 84   | 831198   | 18.278 | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 7.105  | 99   | 1221474  | 21.909 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.275  | 67   | 770438   | 22.908 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.475  | 132  | 997091   | 22.719 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.657  | 113  | 912638   | 19.979 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.116  | 128  | 505325   | 23.781 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.840  | 143  | 588250   | 24.590 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.381 | 165  | 1086482  | 23.382 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.899 | 131  | 1098652  | 16.748 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.998 | 166  | 3240259  | 23.199 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.281 | 160  | 3712124  | 24.187 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.787 | 143  | 431096   | 17.159 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.581 | 176  | 2823761  | 23.897 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.704 | 200  | 385371   | 15.928 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.445 | 188  | 4042767  | 23.835 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.675 | 212  | 4069289  | 28.958 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.745 | 264  | 3313450  | 24.503 | ng/ul  | 0.00     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        |        | Qvalue   |
| 80) Fluoranthene              | 19.351 | 202  | 390665   | 2.449  | ng/ul  | 99       |
| 82) Pyrene                    | 19.704 | 202  | 309880   | 1.884  | ng/ul  | 100      |
| 85) Benzo(a)anthracene        | 21.416 | 228  | 207675   | 1.278  | ng/ul  | 96       |
| 87) Chrysene                  | 21.469 | 228  | 221022   | 1.438  | ng/ul  | 97       |
| 90) Benzo(b)fluoranthene      | 23.151 | 252  | 388218   | 2.244  | ng/ul# | 96       |
| 91) Benzo(k)fluoranthene      | 23.151 | 252  | 388218   | 2.263  | ng/ul# | 96       |
| 93) Benzo(a)pyrene            | 23.798 | 252  | 238606   | 1.584  | ng/ul# | 93       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.492 | 276  | 213998   | 1.140  | ng/ul  | 96       |
| 96) Benzo(g,h,i)perylene      | 27.292 | 276  | 210798   | 1.399  | ng/ul  | 97       |
| -----                         |        |      |          |        |        |          |

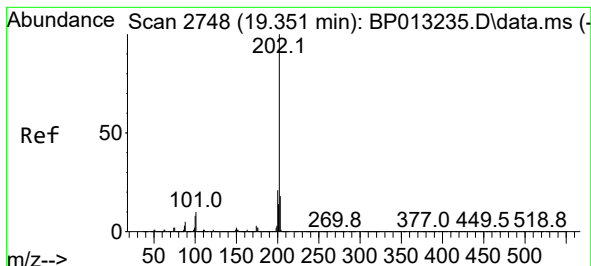
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#80

Fluoranthene

Concen: 2.449 ng/ul

RT: 19.351 min Scan# 21

Delta R.T. -0.000 min

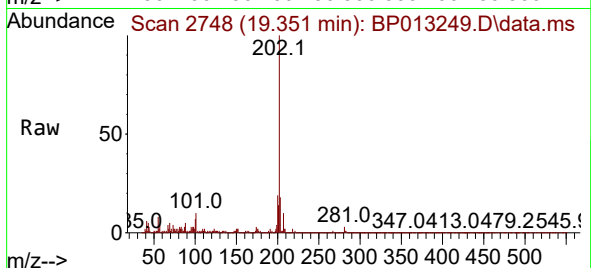
Lab File: BP013249.D

Acq: 22 Dec 2022 16:52

Instrument :

BNA\_P

ClientSampleId :



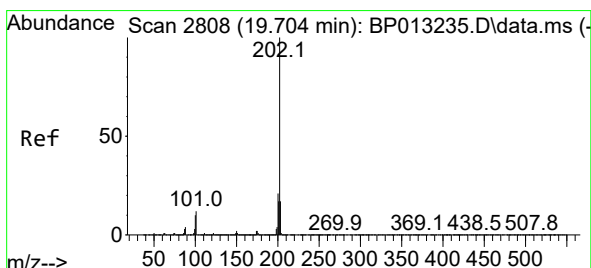
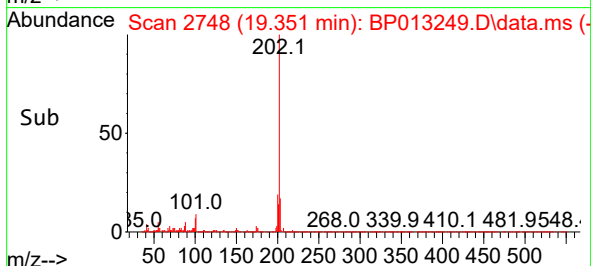
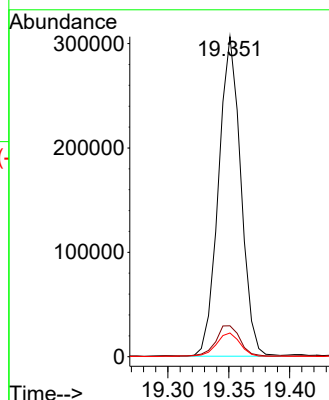
Tgt Ion:202 Resp: 390665

Ion Ratio Lower Upper

202 100

101 9.7 8.2 12.2

100 7.4 6.1 9.1



#82

Pyrene

Concen: 1.884 ng/ul

RT: 19.704 min Scan# 2808

Delta R.T. -0.000 min

Lab File: BP013249.D

Acq: 22 Dec 2022 16:52

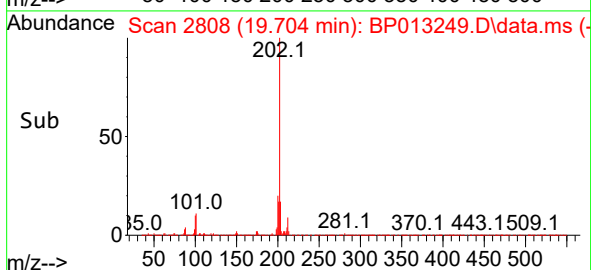
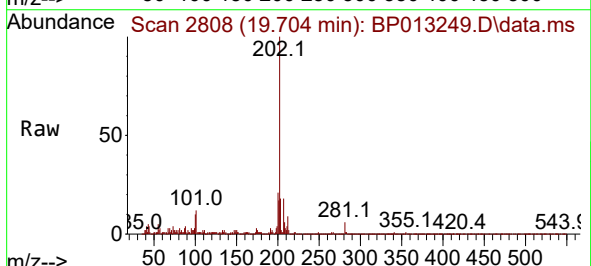
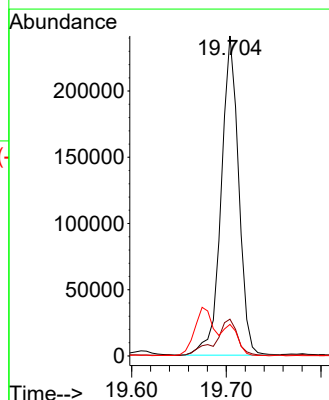
Tgt Ion:202 Resp: 309880

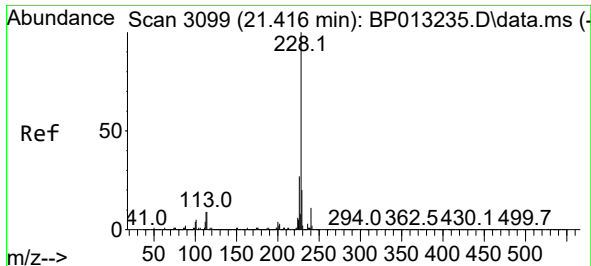
Ion Ratio Lower Upper

202 100

101 11.5 9.4 14.2

100 9.8 7.8 11.8

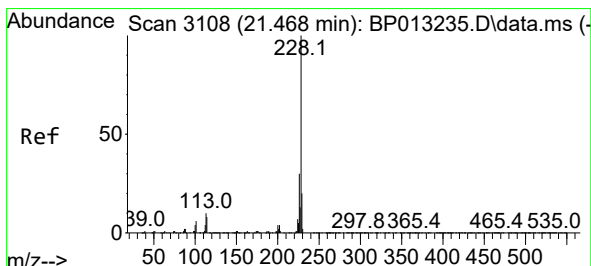
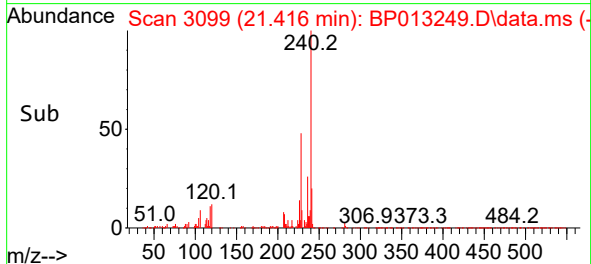
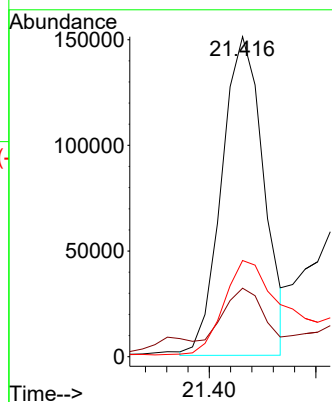
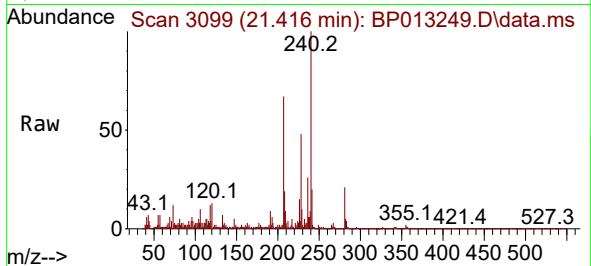




#85  
Benzo(a)anthracene  
Concen: 1.278 ng/ul  
RT: 21.416 min Scan# 3099  
Delta R.T. -0.000 min  
Lab File: BP013249.D  
Acq: 22 Dec 2022 16:52

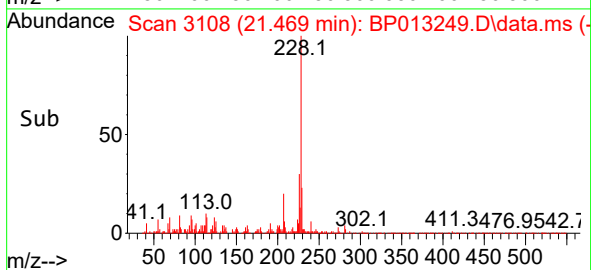
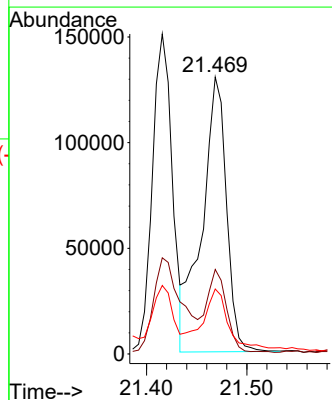
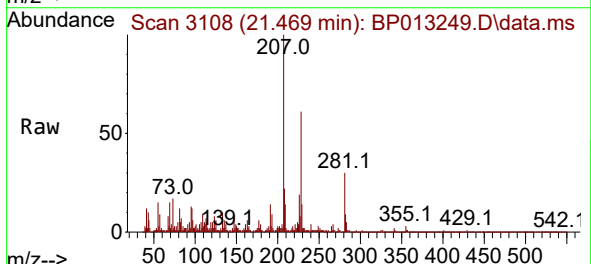
Instrument :  
BNA\_P  
ClientSampleId :

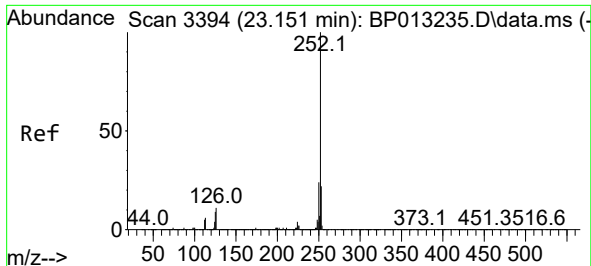
Tgt Ion:228 Resp: 207675  
Ion Ratio Lower Upper  
228 100  
229 21.4 16.1 24.1  
226 30.1 22.0 33.0



#87  
Chrysene  
Concen: 1.438 ng/ul  
RT: 21.469 min Scan# 3108  
Delta R.T. -0.000 min  
Lab File: BP013249.D  
Acq: 22 Dec 2022 16:52

Tgt Ion:228 Resp: 221022  
Ion Ratio Lower Upper  
228 100  
226 30.5 24.5 36.7  
229 23.5 16.0 24.0

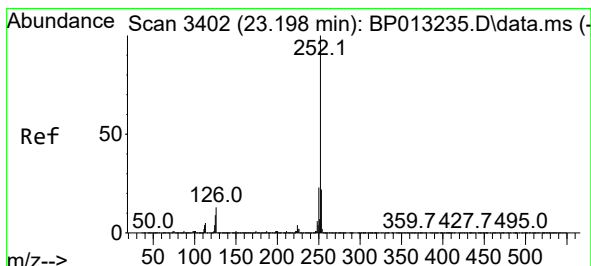
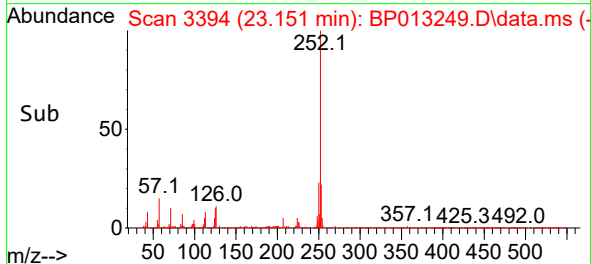
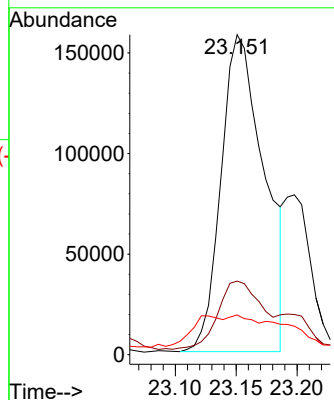
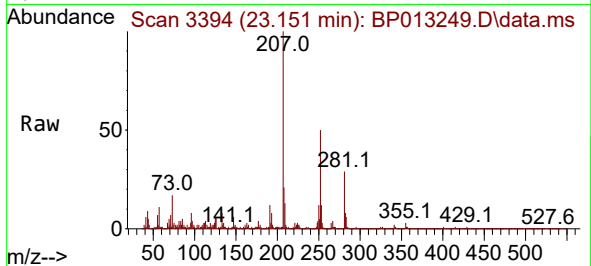




#90  
Benzo(b)fluoranthene  
Concen: 2.244 ng/ul  
RT: 23.151 min Scan# 3394  
Delta R.T. -0.000 min  
Lab File: BP013249.D  
Acq: 22 Dec 2022 16:52

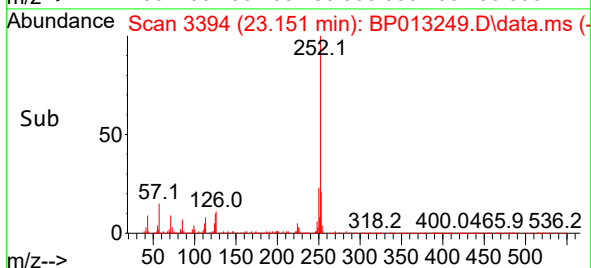
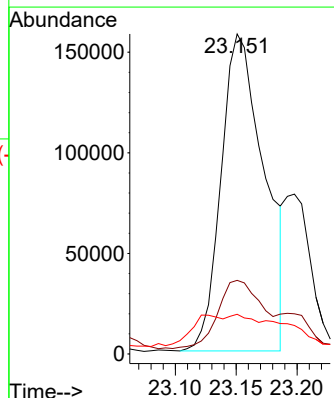
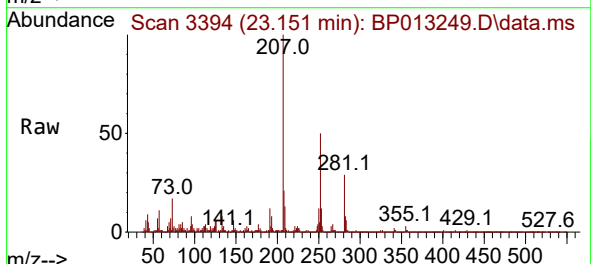
Instrument :  
BNA\_P  
ClientSampleId :

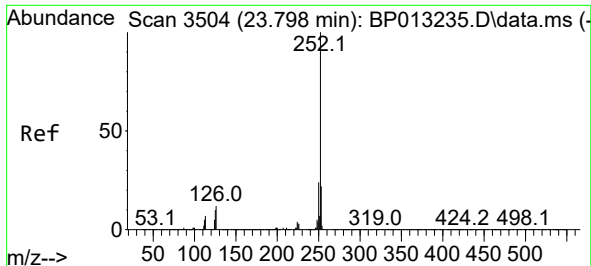
Tgt Ion:252 Resp: 388218  
Ion Ratio Lower Upper  
252 100  
253 23.0 17.7 26.5  
125 12.4 6.8 10.2#



#91  
Benzo(k)fluoranthene  
Concen: 2.263 ng/ul  
RT: 23.151 min Scan# 3394  
Delta R.T. -0.047 min  
Lab File: BP013249.D  
Acq: 22 Dec 2022 16:52

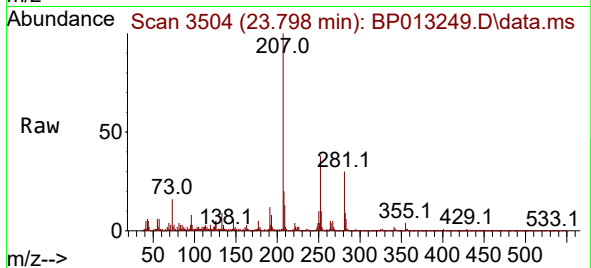
Tgt Ion:252 Resp: 388218  
Ion Ratio Lower Upper  
252 100  
253 23.0 17.7 26.5  
125 12.4 6.8 10.2#



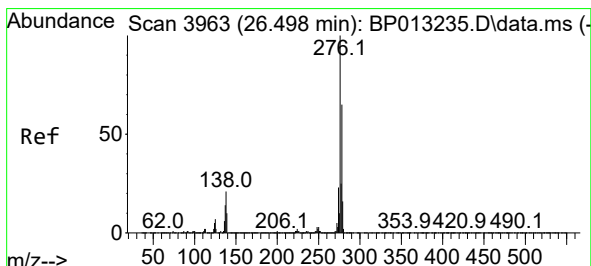
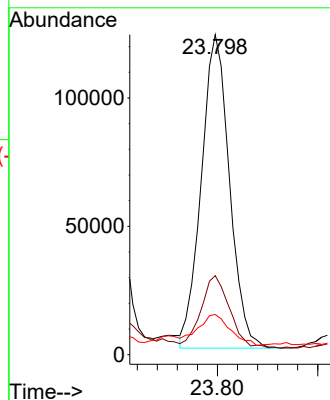
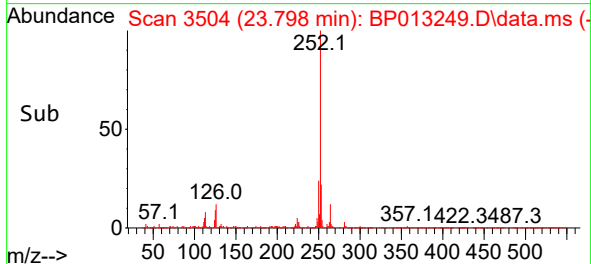


#93  
Benzo(a)pyrene  
Concen: 1.584 ng/ul  
RT: 23.798 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BP013249.D  
Acq: 22 Dec 2022 16:52

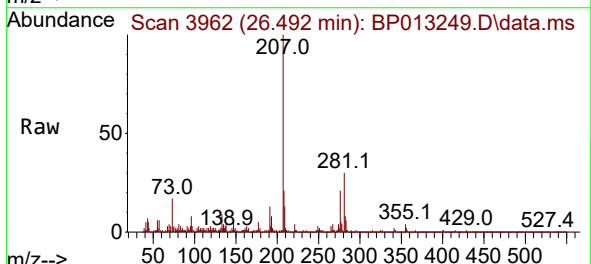
Instrument :  
BNA\_P  
ClientSampleId :



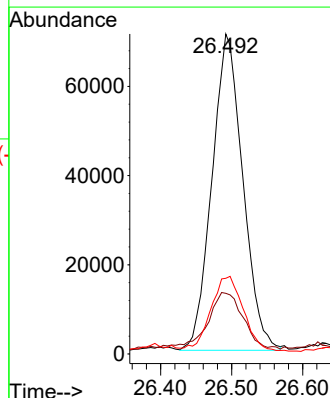
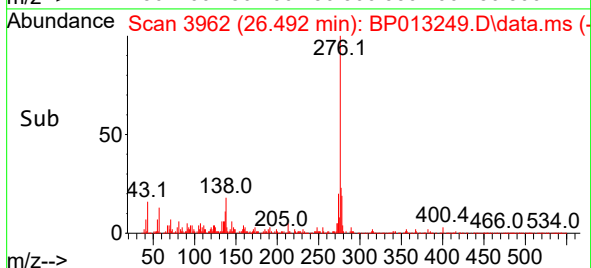
Tgt Ion:252 Resp: 238606  
Ion Ratio Lower Upper  
252 100  
253 24.7 17.5 26.3  
125 12.5 7.5 11.3#

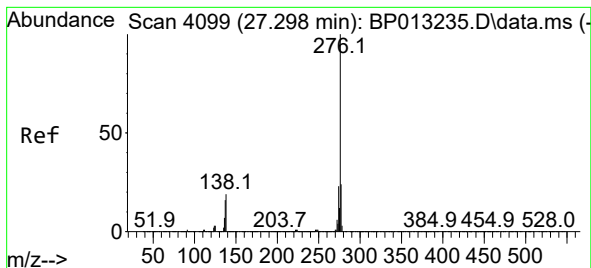


#94  
Indeno(1,2,3-cd)pyrene  
Concen: 1.140 ng/ul  
RT: 26.492 min Scan# 3962  
Delta R.T. -0.012 min  
Lab File: BP013249.D  
Acq: 22 Dec 2022 16:52



Tgt Ion:276 Resp: 213998  
Ion Ratio Lower Upper  
276 100  
138 19.0 17.1 25.7  
277 23.7 20.0 30.0





#96

Benzo(g,h,i)perylene

Concen: 1.399 ng/ul

RT: 27.292 min Scan# 4098

Delta R.T. -0.006 min

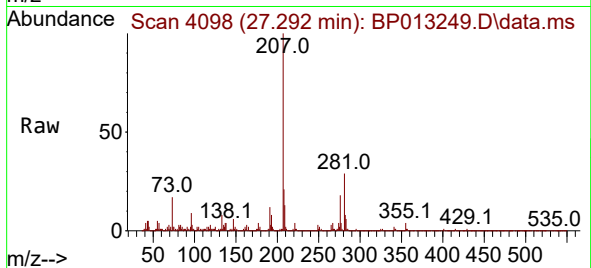
Lab File: BP013249.D

Acq: 22 Dec 2022 16:52

Instrument :

BNA\_P

ClientSampleId :



Tgt Ion:276 Resp: 210798

Ion Ratio Lower Upper

276 100

138 21.8 15.4 23.2

277 24.2 19.1 28.7

