

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092723\  
 Data File : BP017407.D  
 Acq On : 27 Sep 2023 21:08  
 Operator : MA/JU  
 Sample : 04472-11  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 EZYL0

Quant Time: Sep 27 23:34:11 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 26 04:52:29 2023  
 Response via : Initial Calibration

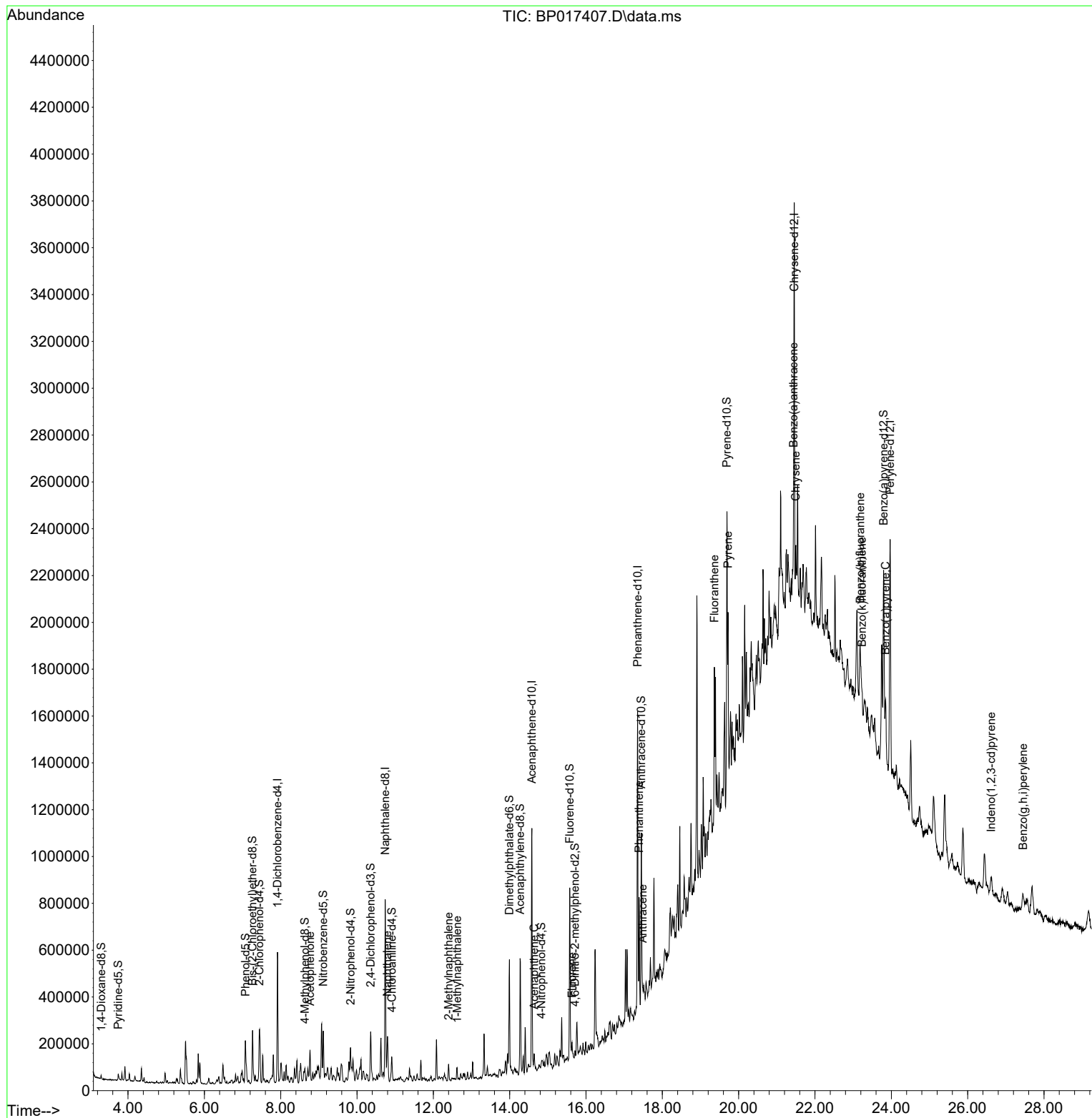
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.916  | 152  | 140908   | 20.000 | ng/ul  | -0.01    |
| 20) Naphthalene-d8            | 10.740 | 136  | 589862   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.581 | 164  | 338893   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.351 | 188  | 734718   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.457 | 240  | 690198   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.968 | 264  | 800002   | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.299  | 96   | 7358     | 2.145  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.746  | 84   | 15839m   | 1.652  | ng/ul  | 0.02     |
| 7) Phenol-d5                  | 7.075  | 99   | 100474   | 8.682  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.263  | 67   | 86687    | 12.412 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.440  | 132  | 94342    | 10.278 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.634  | 113  | 19413    | 2.158  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.116  | 128  | 47398    | 11.115 | ng/ul  | -0.01    |
| 24) 2-Nitrophenol-d4          | 9.834  | 143  | 41945    | 9.059  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.357 | 165  | 65653    | 7.505  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.910 | 131  | 44614    | 3.521  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.992 | 166  | 292067   | 12.030 | ng/ul  | -0.01    |
| 49) Acenaphthylene-d8         | 14.275 | 160  | 309933   | 11.100 | ng/ul  | -0.01    |
| 54) 4-Nitrophenol-d4          | 14.828 | 143  | 7329m    | 1.733  | ng/ul  | 0.01     |
| 60) Fluorene-d10              | 15.575 | 176  | 270054   | 12.921 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.710 | 200  | 6222     | 1.503  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.451 | 188  | 401820   | 12.331 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.692 | 212  | 528618   | 14.163 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.798 | 264  | 516779   | 13.417 | ng/ul  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 16) Acetophenone              | 8.769  | 105  | 69492    | 4.998  | ng/ul  | 98       |
| 30) Naphthalene               | 10.793 | 128  | 96307    | 3.136  | ng/ul  | 99       |
| 36) 2-Methylnaphthalene       | 12.398 | 142  | 31133    | 1.553  | ng/ul  | 98       |
| 37) 1-Methylnaphthalene       | 12.622 | 142  | 23022    | 1.123  | ng/ul# | 90       |
| 52) Acenaphthene              | 14.640 | 153  | 26894    | 1.247  | ng/ul  | 92       |
| 61) Fluorene                  | 15.634 | 166  | 29763    | 1.241  | ng/ul  | 88       |
| 72) Phenanthrene              | 17.392 | 178  | 260884   | 6.779  | ng/ul  | 98       |
| 74) Anthracene                | 17.486 | 178  | 45045m   | 1.155  | ng/ul  |          |
| 80) Fluoranthene              | 19.363 | 202  | 370002   | 8.500  | ng/ul  | 98       |
| 82) Pyrene                    | 19.722 | 202  | 361839   | 7.820  | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.439 | 228  | 170898   | 3.669  | ng/ul# | 94       |
| 87) Chrysene                  | 21.498 | 228  | 167842m  | 3.829  | ng/ul  |          |
| 90) Benzo(b)fluoranthene      | 23.186 | 252  | 218973   | 4.643  | ng/ul# | 85       |
| 91) Benzo(k)fluoranthene      | 23.233 | 252  | 75937m   | 1.596  | ng/ul  |          |
| 93) Benzo(a)pyrene            | 23.851 | 252  | 151570   | 3.359  | ng/ul# | 85       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.615 | 276  | 98464    | 1.741  | ng/ul  | 97       |
| 96) Benzo(g,h,i)perylene      | 27.451 | 276  | 99764    | 2.187  | ng/ul  | 99       |

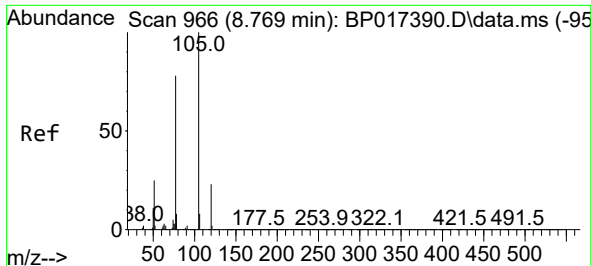
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP092723\  
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 EYZLO

Quant Time: Sep 27 23:34:11 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP092023.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Sep 26 04:52:29 2023  
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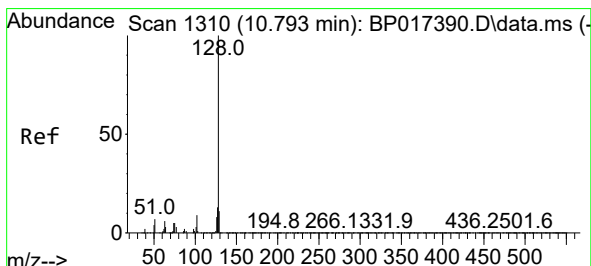
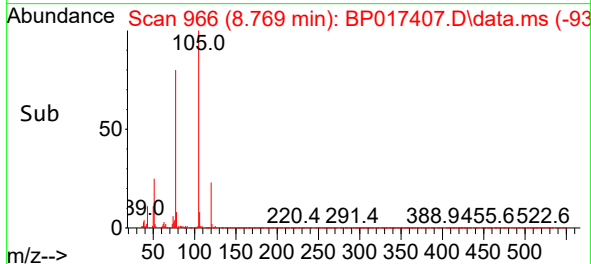
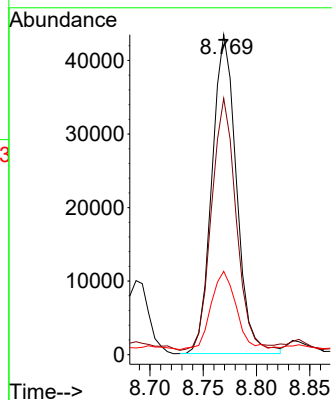
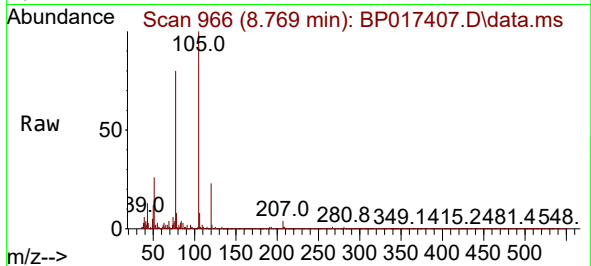




#16  
Acetophenone  
Concen: 4.998 ng/ul  
RT: 8.769 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: BP017407.D  
Acq: 27 Sep 2023 21:08

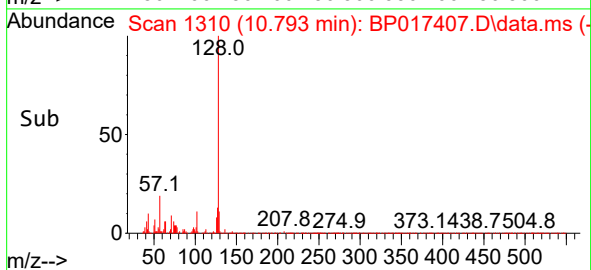
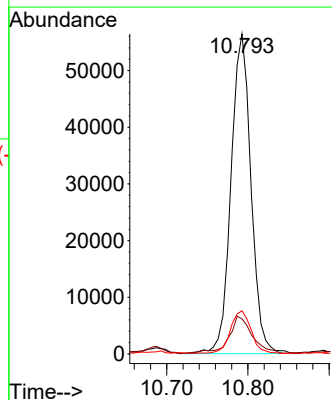
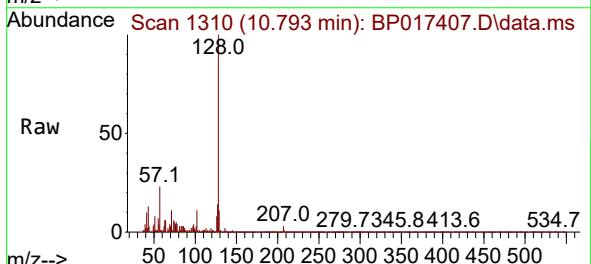
Instrument :  
BNA\_P  
ClientSampleId :  
EZYLO

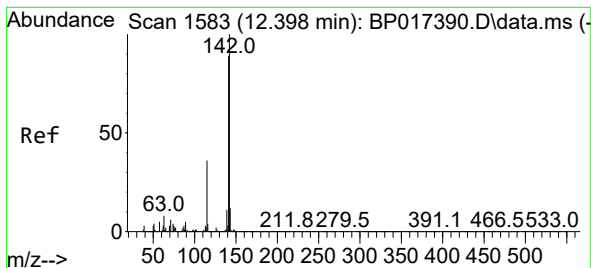
Tgt Ion:105 Resp: 69492  
Ion Ratio Lower Upper  
105 100  
77 80.1 63.6 95.4  
51 26.1 19.2 28.8



#30  
Naphthalene  
Concen: 3.136 ng/ul  
RT: 10.793 min Scan# 1310  
Delta R.T. -0.006 min  
Lab File: BP017407.D  
Acq: 27 Sep 2023 21:08

Tgt Ion:128 Resp: 96307  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.6 13.0  
127 13.5 10.6 15.8





#36

2-Methylnaphthalene

Concen: 1.553 ng/ul

RT: 12.398 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BP017407.D

Acq: 27 Sep 2023 21:08

Instrument :

BNA\_P

ClientSampleId :

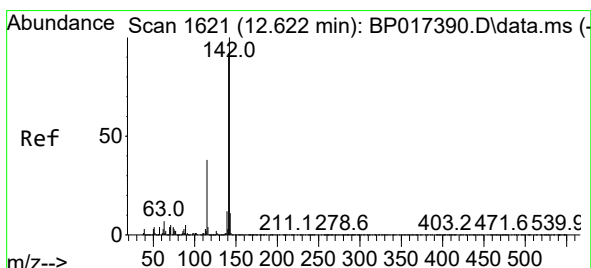
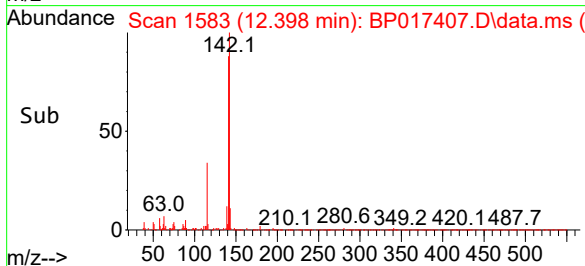
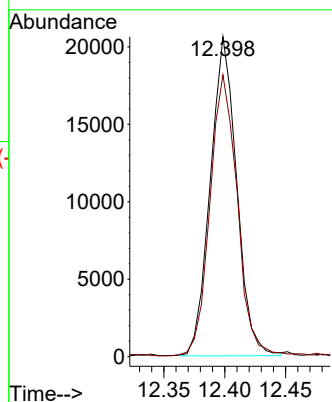
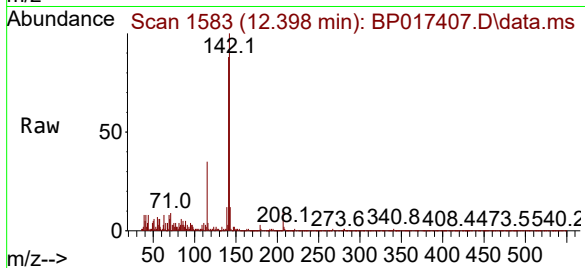
EZYLO

Tgt Ion:142 Resp: 31133

Ion Ratio Lower Upper

142 100

141 88.0 71.9 107.9



#37

1-Methylnaphthalene

Concen: 1.123 ng/ul

RT: 12.622 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BP017407.D

Acq: 27 Sep 2023 21:08

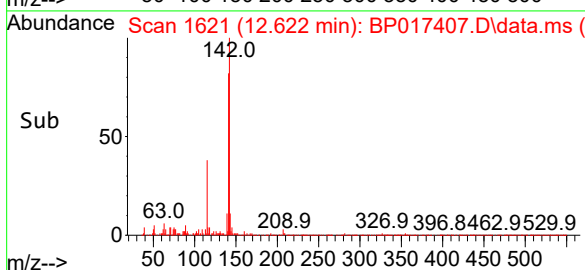
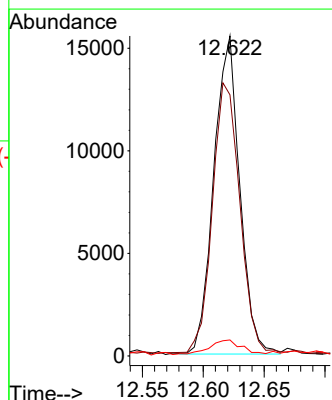
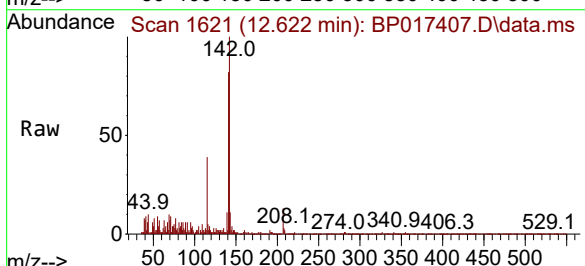
Tgt Ion:142 Resp: 23022

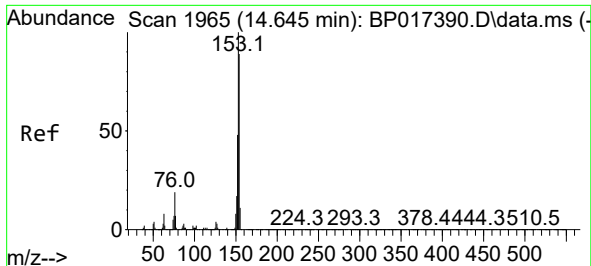
Ion Ratio Lower Upper

142 100

141 81.6 73.4 110.2

116 5.0 3.1 4.7#

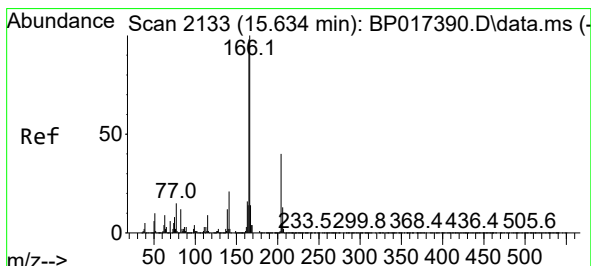
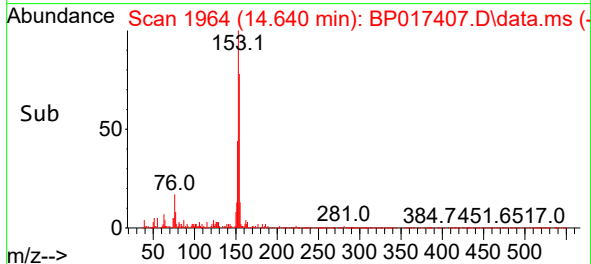
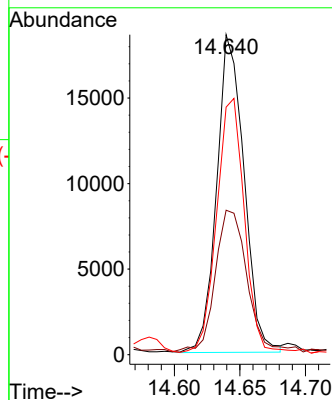
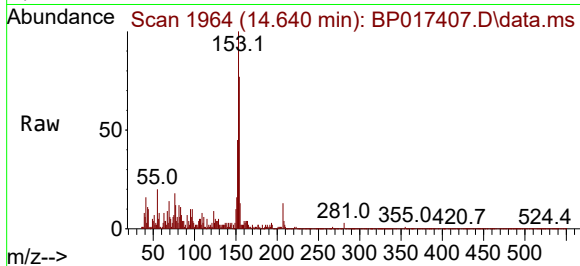




#52  
Acenaphthene  
Concen: 1.247 ng/ul  
RT: 14.640 min Scan# 1965  
Delta R.T. -0.012 min  
Lab File: BP017407.D  
Acq: 27 Sep 2023 21:08

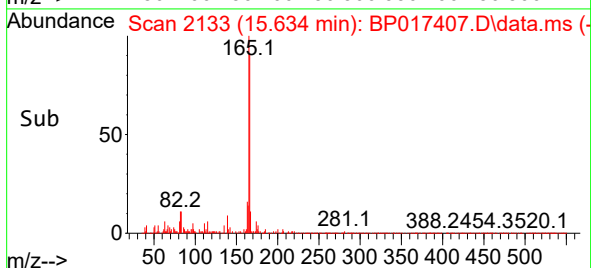
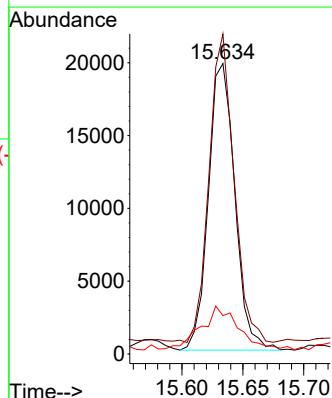
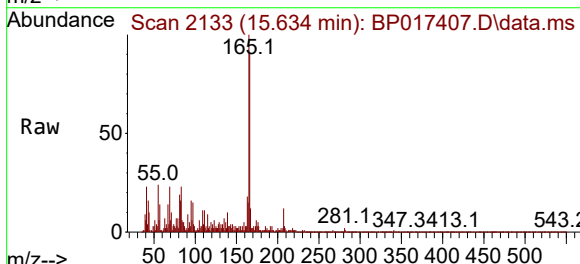
Instrument :  
BNA\_P  
ClientSampleId :  
EZYLO

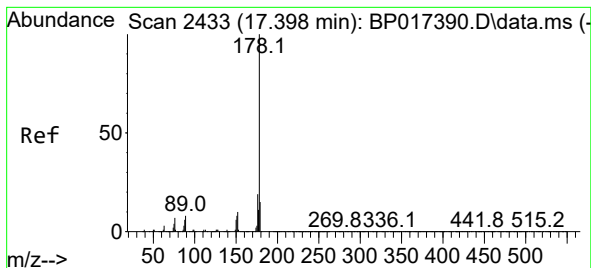
Tgt Ion:153 Resp: 26894  
Ion Ratio Lower Upper  
153 100  
152 45.2 38.0 57.0  
154 77.3 70.1 105.1



#61  
Fluorene  
Concen: 1.241 ng/ul  
RT: 15.634 min Scan# 2133  
Delta R.T. -0.006 min  
Lab File: BP017407.D  
Acq: 27 Sep 2023 21:08

Tgt Ion:166 Resp: 29763  
Ion Ratio Lower Upper  
166 100  
165 110.2 77.8 116.6  
167 13.2 10.9 16.3





#72

Phenanthrene

Concen: 6.779 ng/ul

RT: 17.392 min Scan# 2432

Delta R.T. -0.012 min

Lab File: BP017407.D

Acq: 27 Sep 2023 21:08

Instrument :

BNA\_P

ClientSampleId :

EZYLO

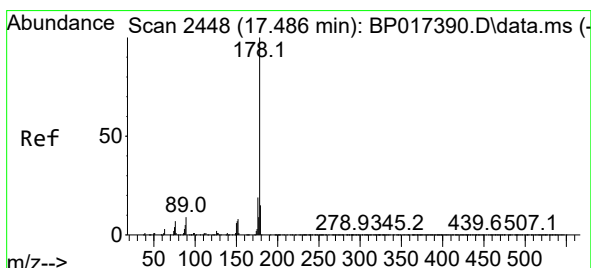
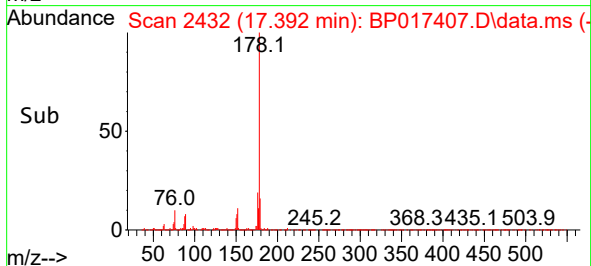
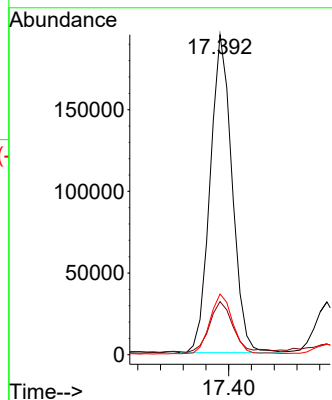
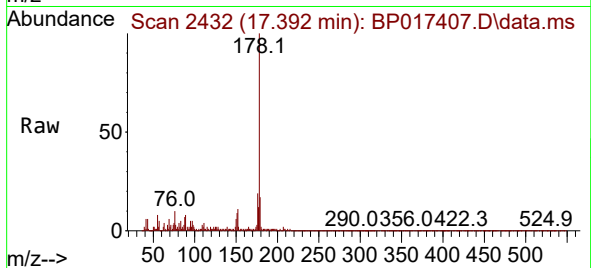
Tgt Ion:178 Resp: 260884

Ion Ratio Lower Upper

178 100

179 16.6 12.7 19.1

176 19.0 15.8 23.6



#74

Anthracene

Concen: 1.155 ng/ul m

RT: 17.486 min Scan# 2448

Delta R.T. -0.006 min

Lab File: BP017407.D

Acq: 27 Sep 2023 21:08

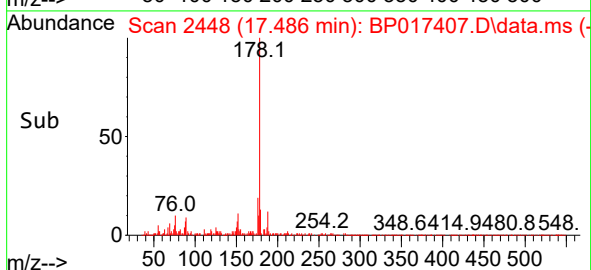
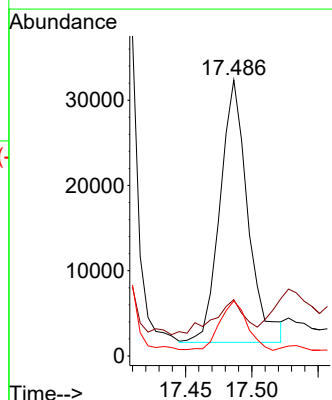
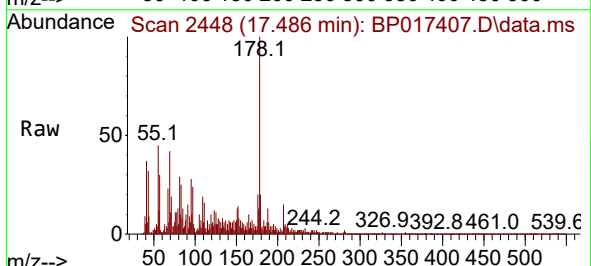
Tgt Ion:178 Resp: 45045

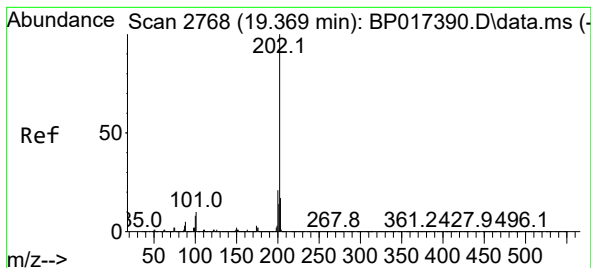
Ion Ratio Lower Upper

178 100

179 20.4 12.5 18.7#

176 20.0 15.1 22.7





#80

Fluoranthene

Concen: 8.500 ng/ul

RT: 19.363 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017407.D

Acq: 27 Sep 2023 21:08

Instrument :

BNA\_P

ClientSampleId :

EZYLO

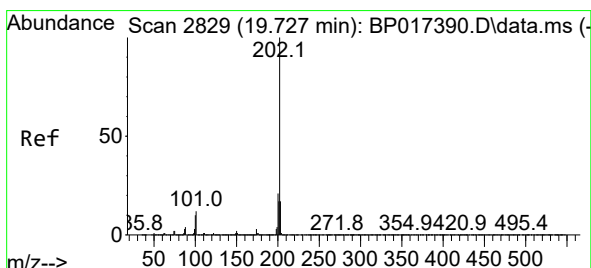
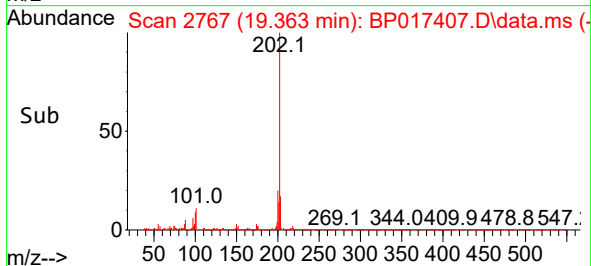
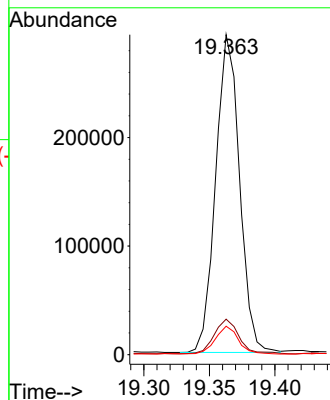
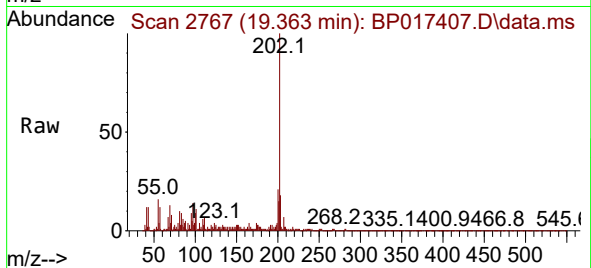
Tgt Ion:202 Resp: 370002

Ion Ratio Lower Upper

202 100

101 11.1 8.4 12.6

100 8.9 6.6 10.0



#82

Pyrene

Concen: 7.820 ng/ul

RT: 19.722 min Scan# 2828

Delta R.T. -0.006 min

Lab File: BP017407.D

Acq: 27 Sep 2023 21:08

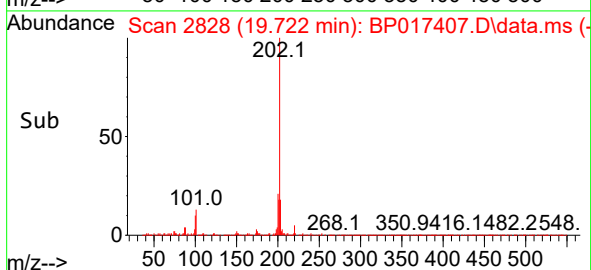
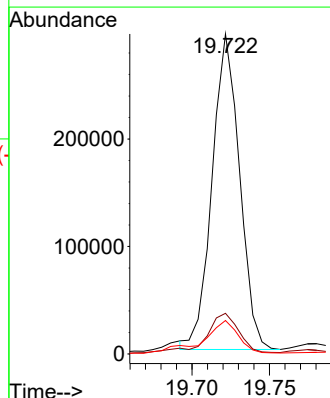
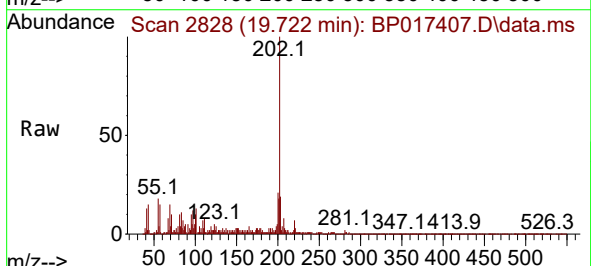
Tgt Ion:202 Resp: 361839

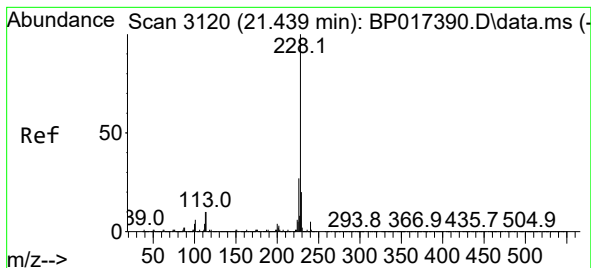
Ion Ratio Lower Upper

202 100

101 12.7 9.8 14.8

100 10.5 8.1 12.1





#85

Benzo(a)anthracene

Concen: 3.669 ng/ul

RT: 21.439 min Scan# 3120

Delta R.T. -0.006 min

Lab File: BP017407.D

Acq: 27 Sep 2023 21:08

Instrument :

BNA\_P

ClientSampleId :

EZYLO

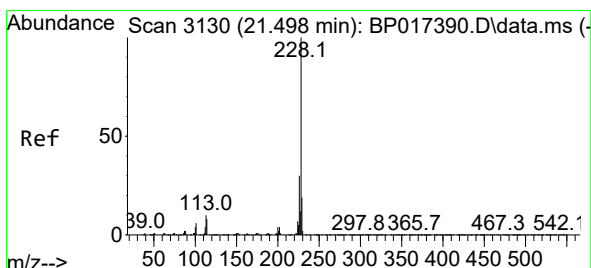
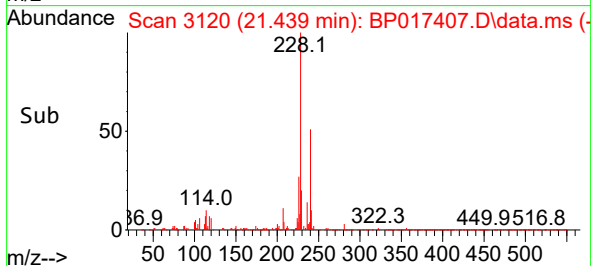
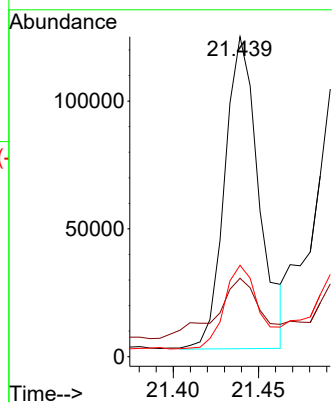
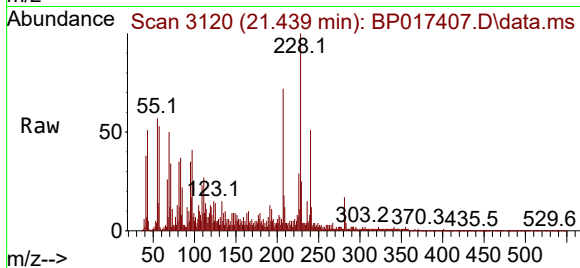
Tgt Ion:228 Resp: 170898

Ion Ratio Lower Upper

228 100

229 24.5 15.8 23.6#

226 28.6 21.8 32.8



#87

Chrysene

Concen: 3.829 ng/ul m

RT: 21.498 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BP017407.D

Acq: 27 Sep 2023 21:08

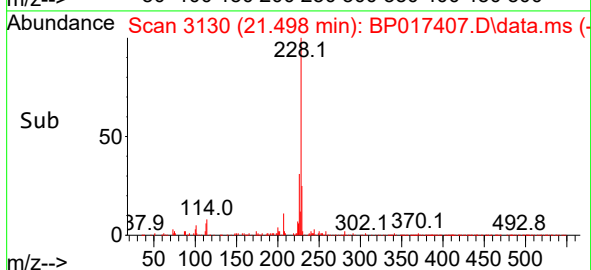
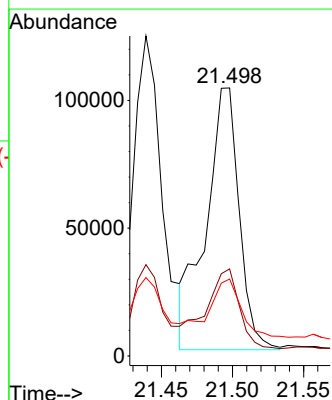
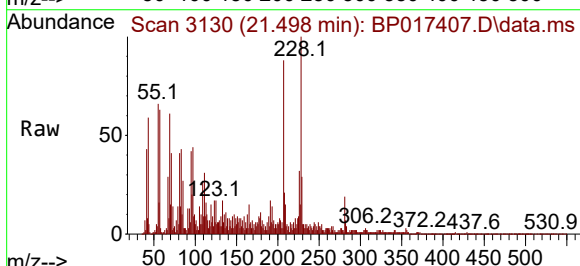
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Ion Ratio Lower Upper

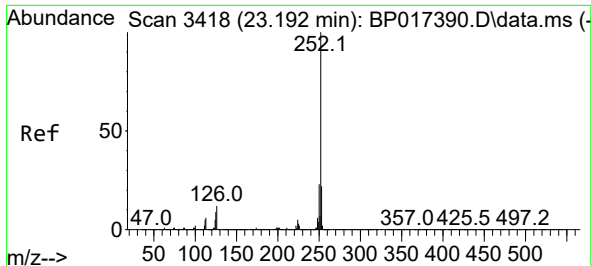
228 100

226 32.5 24.1 36.1

229 28.7 15.0 22.6#



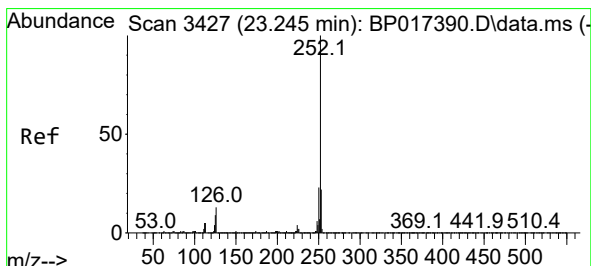
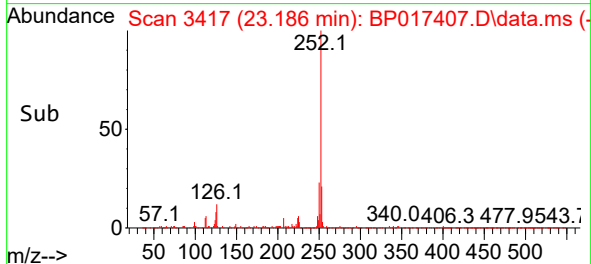
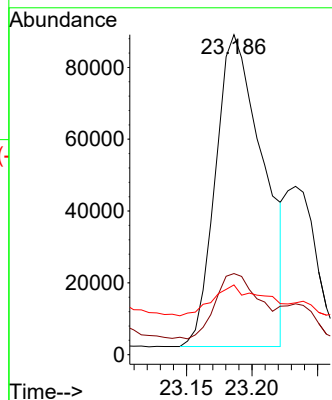
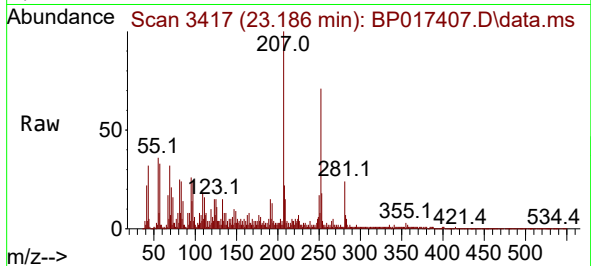




#90  
Benzo(b)fluoranthene  
Concen: 4.643 ng/ul  
RT: 23.186 min Scan# 3418  
Delta R.T. -0.006 min  
Lab File: BP017407.D  
Acq: 27 Sep 2023 21:08

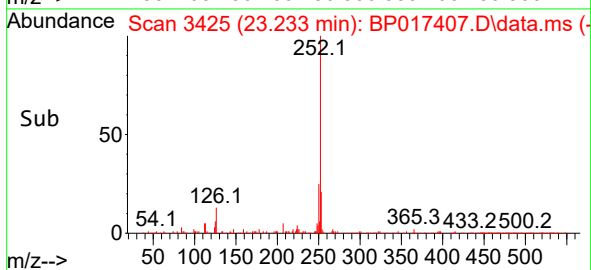
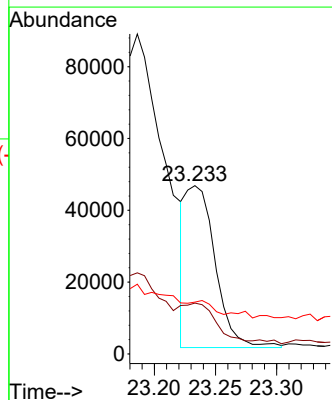
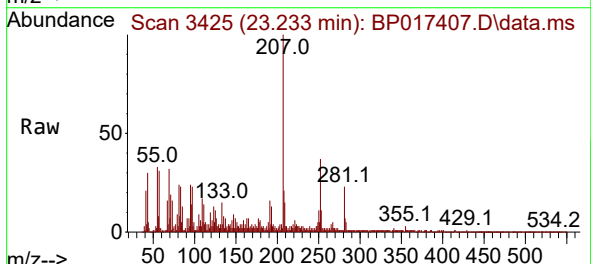
Instrument :  
BNA\_P  
ClientSampleId :  
EZYLO

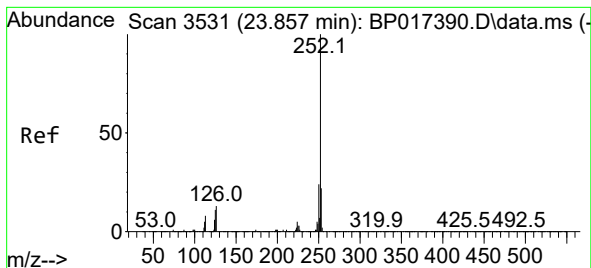
Tgt Ion:252 Resp: 218973  
Ion Ratio Lower Upper  
252 100  
253 25.3 17.4 26.0  
125 21.8 7.8 11.8#



#91  
Benzo(k)fluoranthene  
Concen: 1.596 ng/ul m  
RT: 23.233 min Scan# 3425  
Delta R.T. -0.012 min  
Lab File: BP017407.D  
Acq: 27 Sep 2023 21:08

Tgt Ion:252 Resp: 75937  
Ion Ratio Lower Upper  
252 100  
253 30.2 17.9 26.9#  
125 30.8 7.8 11.6#





#93

Benzo(a)pyrene

Concen: 3.359 ng/ul

RT: 23.851 min Scan# 3531

Delta R.T. -0.012 min

Lab File: BP017407.D

Acq: 27 Sep 2023 21:08

Instrument :

BNA\_P

ClientSampleId :

EZYLO

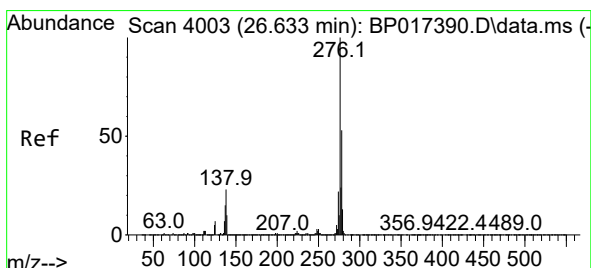
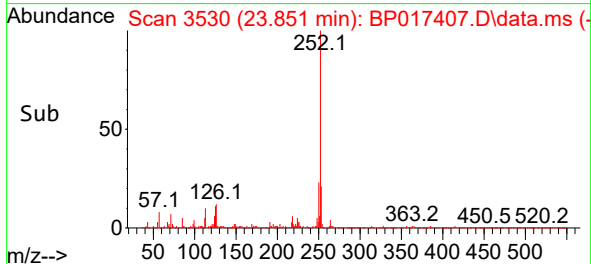
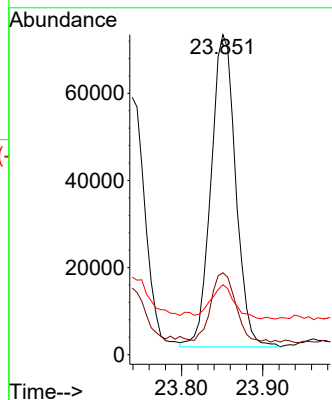
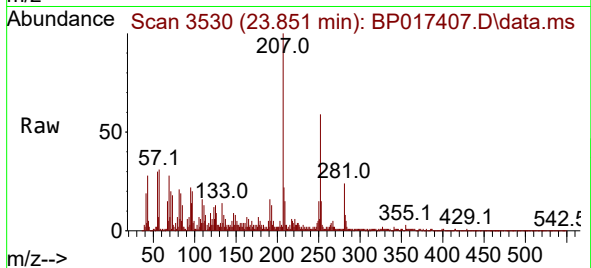
Tgt Ion:252 Resp: 151570

Ion Ratio Lower Upper

252 100

253 25.6 17.4 26.0

125 21.9 8.9 13.3#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.741 ng/ul

RT: 26.615 min Scan# 4000

Delta R.T. -0.018 min

Lab File: BP017407.D

Acq: 27 Sep 2023 21:08

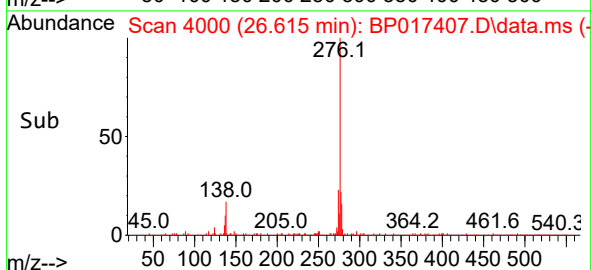
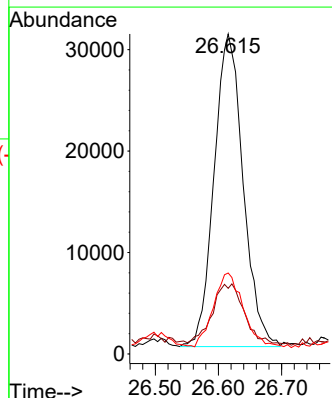
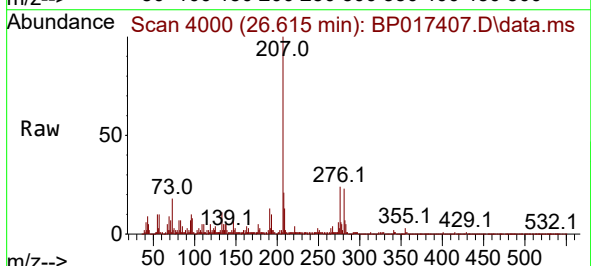
Tgt Ion:276 Resp: 98464

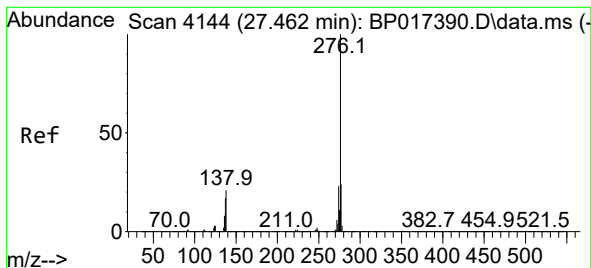
Ion Ratio Lower Upper

276 100

138 20.5 17.9 26.9

277 25.3 19.5 29.3





#96

Benzo(g,h,i)perylene

Concen: 2.187 ng/ul

RT: 27.451 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP017407.D

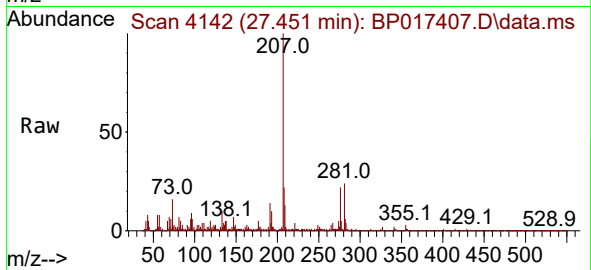
Acq: 27 Sep 2023 21:08

Instrument :

BNA\_P

ClientSampleId :

EZYLO



Tgt Ion:276 Resp: 99764

Ion Ratio Lower Upper

276 100

138 21.0 17.3 25.9

277 23.4 18.8 28.2

