

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062923\  
 Data File : BP015804.D  
 Acq On : 29 Jun 2023 11:15  
 Operator : MA/JU  
 Sample : 03143-10  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :

Quant Time: Jun 29 22:25:21 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 29 02:30:23 2023  
 Response via : Initial Calibration

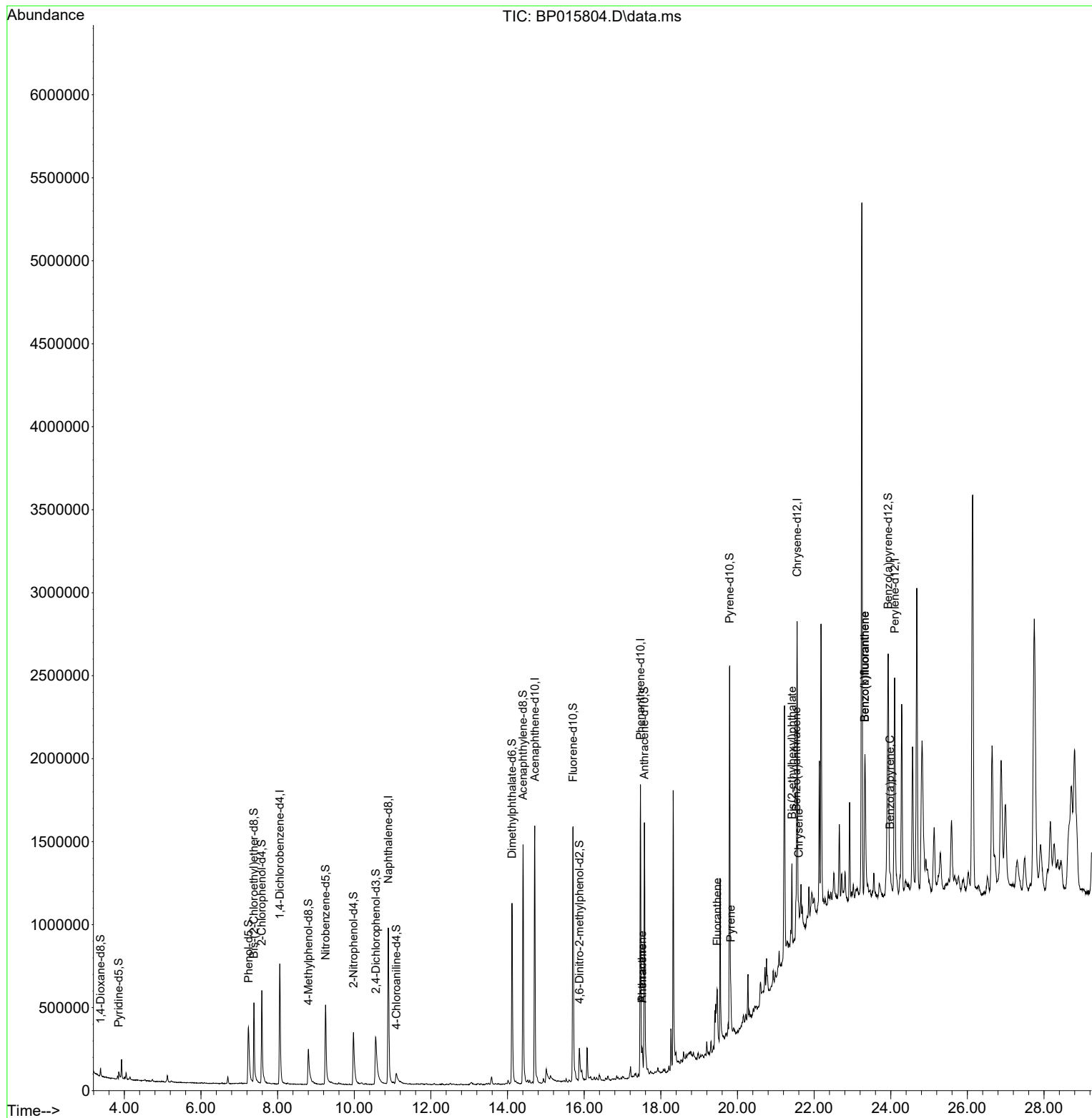
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.058  | 152  | 227801   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.887 | 136  | 942710   | 20.000 | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.710 | 164  | 530746   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.469 | 188  | 1076997  | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.557 | 240  | 903518   | 20.000 | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 24.104 | 264  | 1032201  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.381  | 96   | 23066    | 3.643  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.852  | 84   | 29648    | 1.858  | ng/ul  | 0.03     |
| 7) Phenol-d5                  | 7.240  | 99   | 332965   | 17.083 | ng/ul  | 0.02     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.381  | 67   | 264250   | 21.914 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.587  | 132  | 294119   | 19.990 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.805  | 113  | 142568   | 9.259  | ng/ul  | 0.02     |
| 21) Nitrobenzene-d5           | 9.252  | 128  | 138935   | 19.284 | ng/ul  | 0.01     |
| 24) 2-Nitrophenol-d4          | 9.981  | 143  | 150958   | 17.953 | ng/ul  | 0.01     |
| 28) 2,4-Dichlorophenol-d3     | 10.563 | 165  | 223496   | 14.916 | ng/ul  | 0.05     |
| 31) 4-Chloroaniline-d4        | 11.099 | 131  | 80668    | 4.191  | ng/ul  | 0.06     |
| 46) Dimethylphthalate-d6      | 14.116 | 166  | 853594   | 20.808 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.404 | 160  | 984458   | 21.348 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.951 | 143  | 39       | 0.007  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.710 | 176  | 707200   | 20.937 | ng/ul  | 0.01     |
| 65) 4,6-Dinitro-2-methylph... | 15.875 | 200  | 64315    | 9.710  | ng/ul  | 0.02     |
| 73) Anthracene-d10            | 17.569 | 188  | 1029386  | 20.925 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.792 | 212  | 1196288  | 20.277 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.933 | 264  | 1106737  | 21.255 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 72) Phenanthrene              | 17.510 | 178  | 76021    | 1.299  | ng/ul  | 98       |
| 74) Anthracene                | 17.510 | 178  | 76347    | 1.299  | ng/ul  | 96       |
| 80) Fluoranthene              | 19.475 | 202  | 152475   | 2.080  | ng/ul# | 94       |
| 82) Pyrene                    | 19.827 | 202  | 125203   | 1.674  | ng/ul# | 91       |
| 85) Benzo(a)anthracene        | 21.539 | 228  | 70913    | 1.116  | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.422 | 149  | 163833   | 3.907  | ng/ul  | 100      |
| 87) Chrysene                  | 21.598 | 228  | 87632    | 1.453  | ng/ul  | 94       |
| 90) Benzo(b)fluoranthene      | 23.321 | 252  | 120332   | 1.814  | ng/ul# | 68       |
| 91) Benzo(k)fluoranthene      | 23.321 | 252  | 120332   | 1.796  | ng/ul# | 67       |
| 93) Benzo(a)pyrene            | 23.986 | 252  | 74138    | 1.279  | ng/ul# | 90       |
| -----                         |        |      |          |        |        |          |

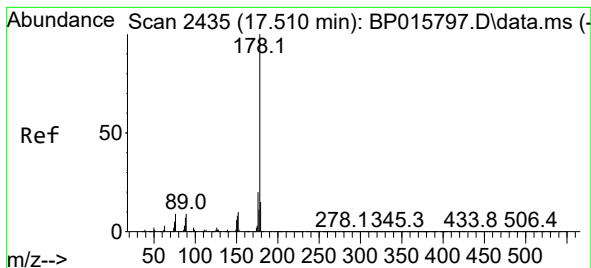
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#72

Phenanthrene

Concen: 1.299 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.000 min

Lab File: BP015804.D

Acq: 29 Jun 2023 11:15

Instrument :

BNA\_P

ClientSampleId :

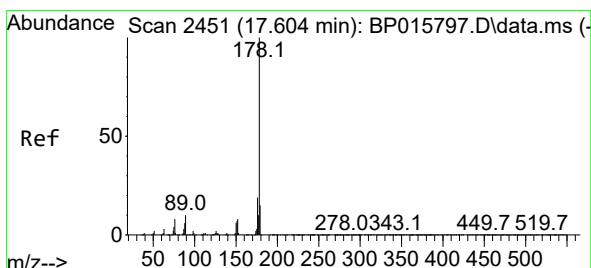
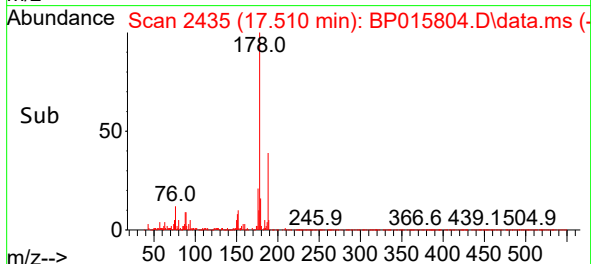
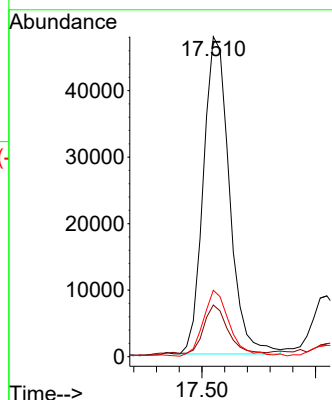
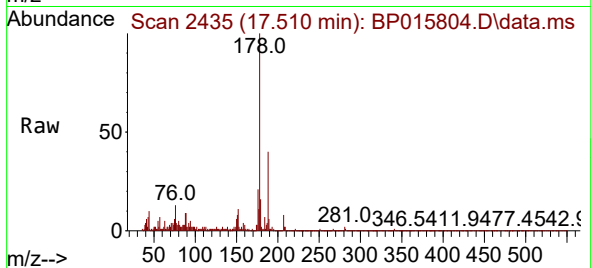
Tgt Ion:178 Resp: 76021

Ion Ratio Lower Upper

178 100

179 16.2 12.4 18.6

176 20.8 15.6 23.4



#74

Anthracene

Concen: 1.299 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.094 min

Lab File: BP015804.D

Acq: 29 Jun 2023 11:15

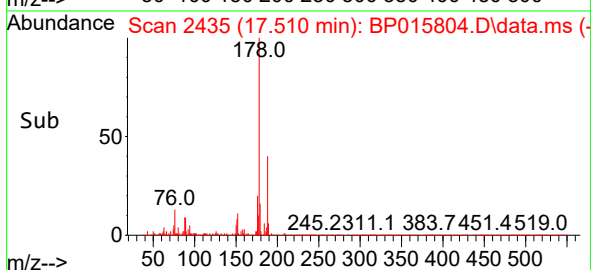
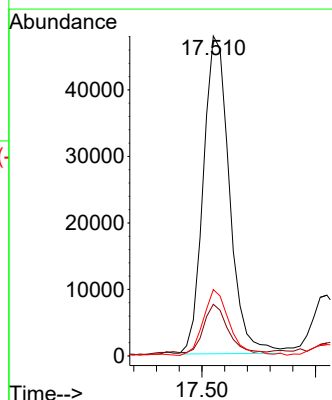
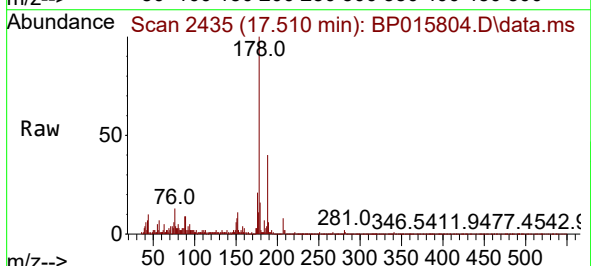
Tgt Ion:178 Resp: 76347

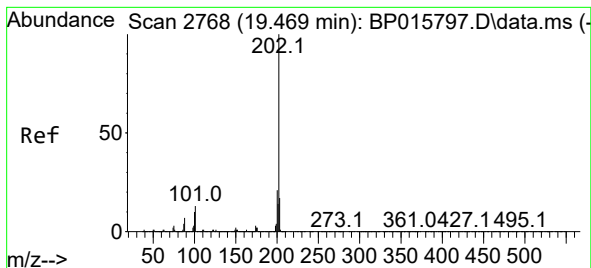
Ion Ratio Lower Upper

178 100

179 16.2 12.1 18.1

176 20.8 14.6 22.0





#80

Fluoranthene

Concen: 2.080 ng/ul

RT: 19.475 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015804.D

Acq: 29 Jun 2023 11:15

Instrument :

BNA\_P

ClientSampleId :

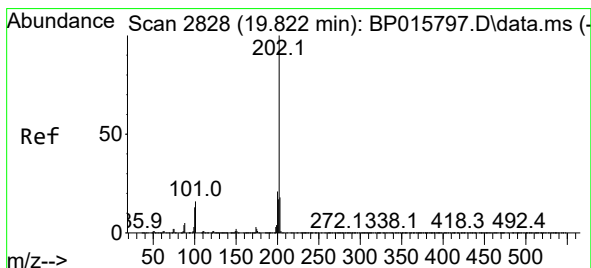
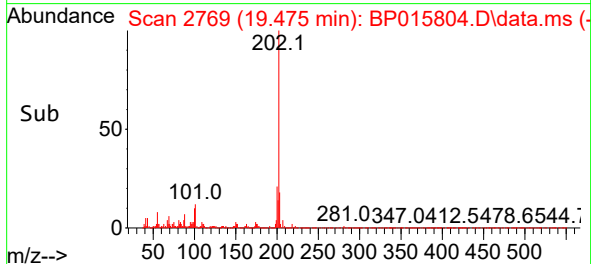
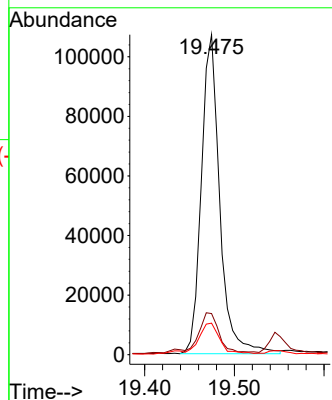
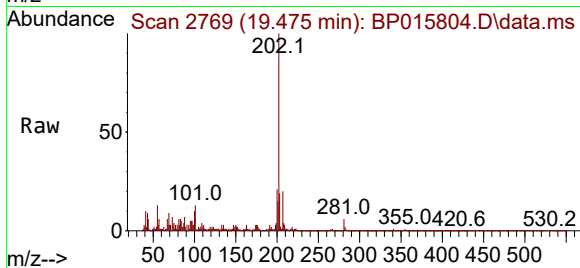
Tgt Ion:202 Resp: 152475

Ion Ratio Lower Upper

202 100

101 12.9 8.3 12.5#

100 9.9 6.6 9.8#



#82

Pyrene

Concen: 1.674 ng/ul

RT: 19.827 min Scan# 2829

Delta R.T. -0.000 min

Lab File: BP015804.D

Acq: 29 Jun 2023 11:15

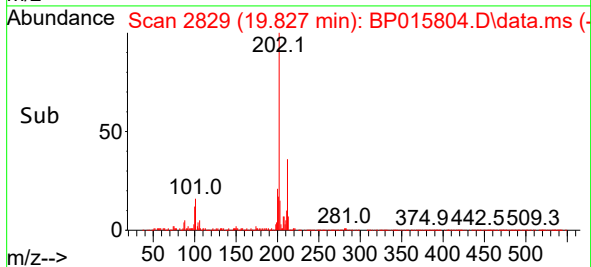
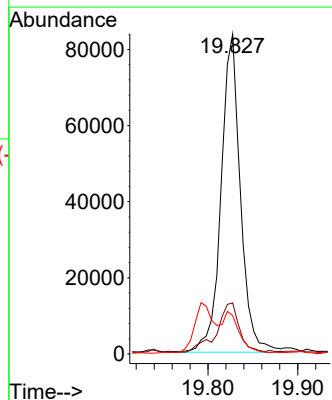
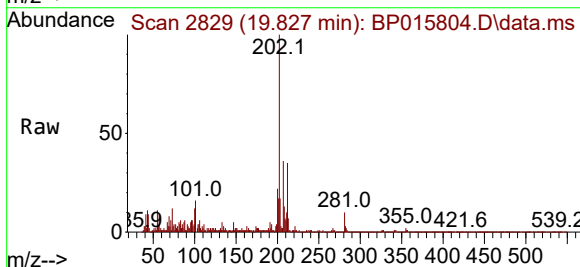
Tgt Ion:202 Resp: 125203

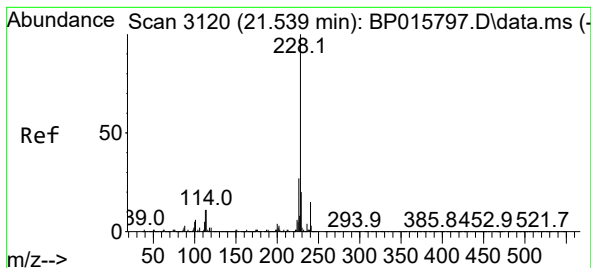
Ion Ratio Lower Upper

202 100

101 16.0 9.3 13.9#

100 12.0 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 1.116 ng/ul

RT: 21.539 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BP015804.D

Acq: 29 Jun 2023 11:15

Instrument :

BNA\_P

ClientSampleId :

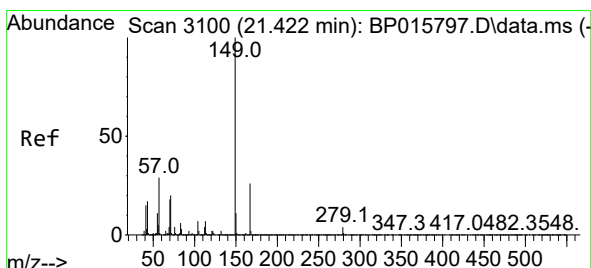
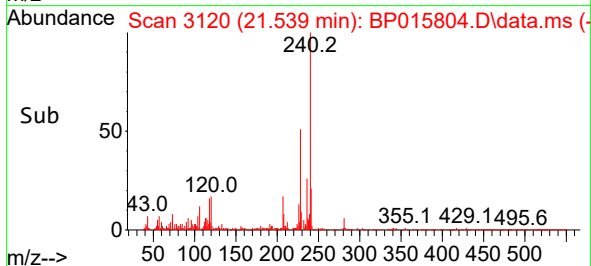
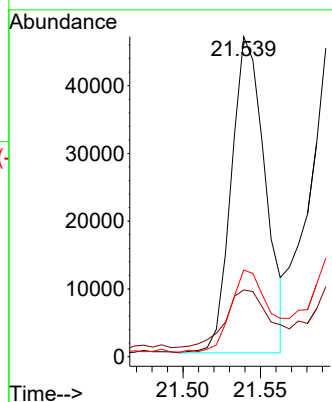
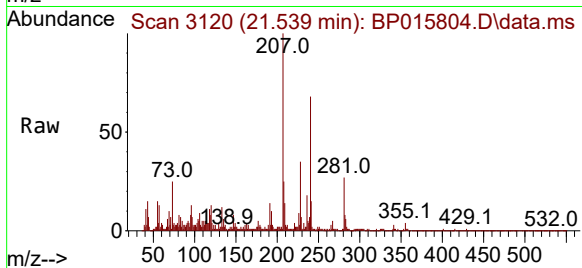
Tgt Ion:228 Resp: 70913

Ion Ratio Lower Upper

228 100

229 20.8 15.3 22.9

226 27.1 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.907 ng/ul

RT: 21.422 min Scan# 3100

Delta R.T. -0.000 min

Lab File: BP015804.D

Acq: 29 Jun 2023 11:15

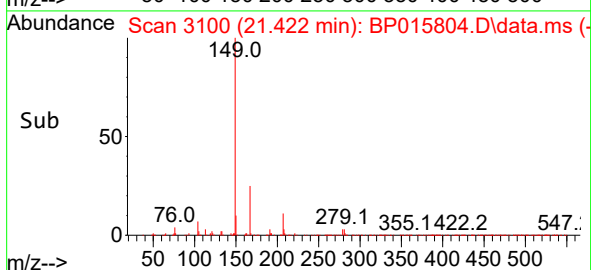
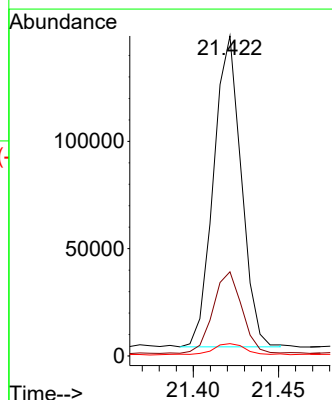
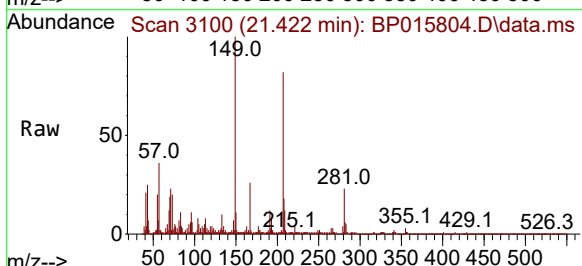
Tgt Ion:149 Resp: 163833

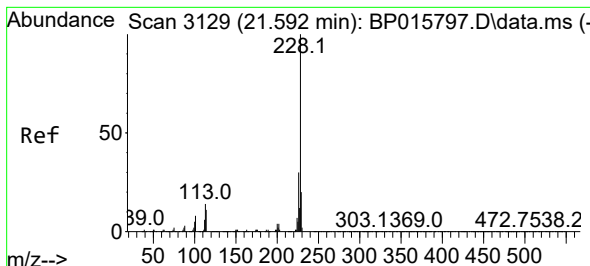
Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.6

279 3.9 3.8 5.6





#87

Chrysene

Concen: 1.453 ng/ul

RT: 21.598 min Scan# 3129

Delta R.T. -0.000 min

Lab File: BP015804.D

Acq: 29 Jun 2023 11:15

Instrument :

BNA\_P

ClientSampleId :

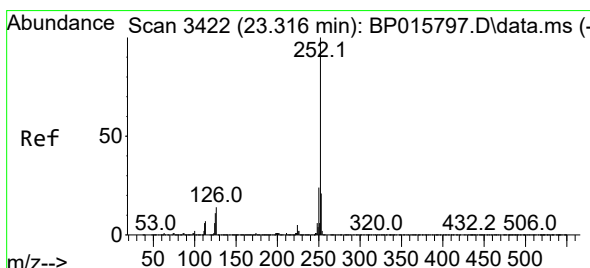
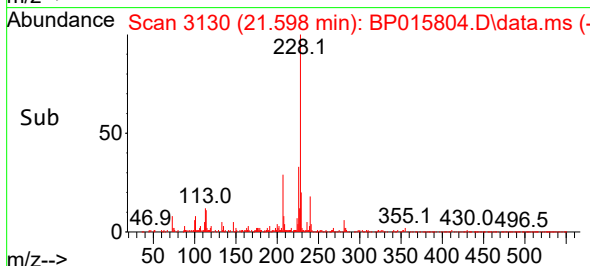
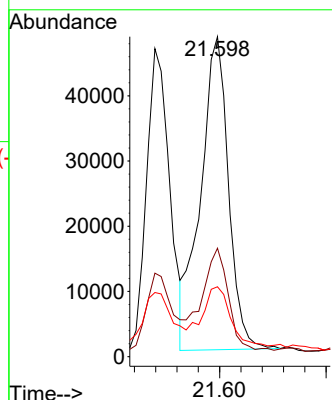
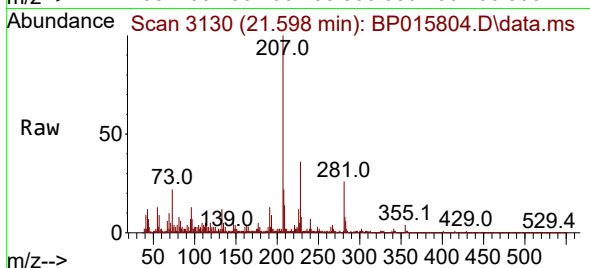
Tgt Ion:228 Resp: 87632

Ion Ratio Lower Upper

228 100

226 33.9 24.3 36.5

229 21.9 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 1.814 ng/ul

RT: 23.321 min Scan# 3423

Delta R.T. 0.006 min

Lab File: BP015804.D

Acq: 29 Jun 2023 11:15

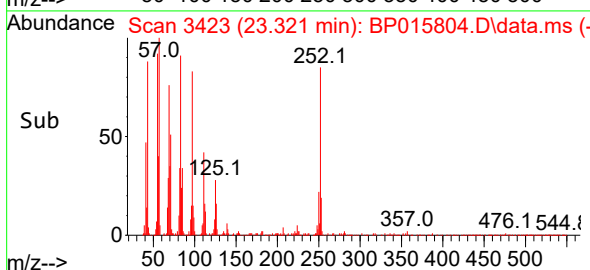
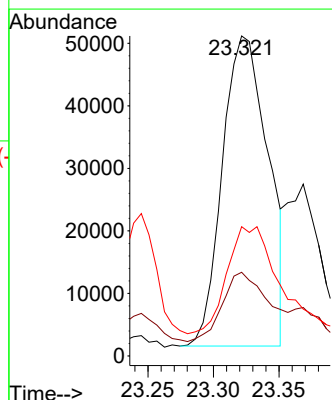
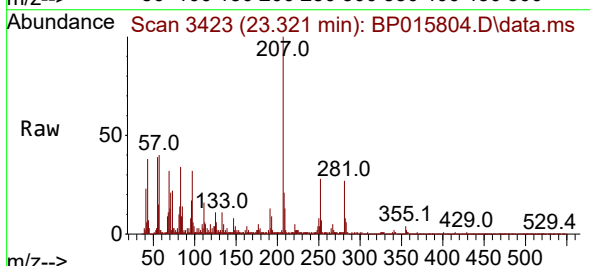
Tgt Ion:252 Resp: 120332

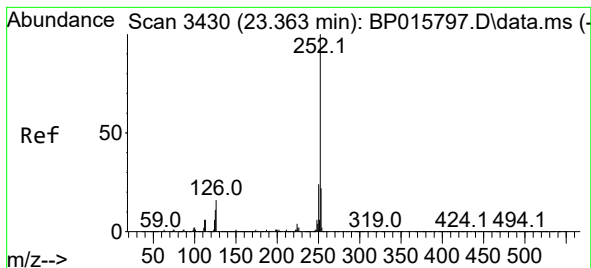
Ion Ratio Lower Upper

252 100

253 26.1 17.3 25.9#

125 40.4 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 1.796 ng/ul

RT: 23.321 min Scan# 34

Delta R.T. -0.047 min

Lab File: BP015804.D

Acq: 29 Jun 2023 11:15

Instrument :

BNA\_P

ClientSampleId :

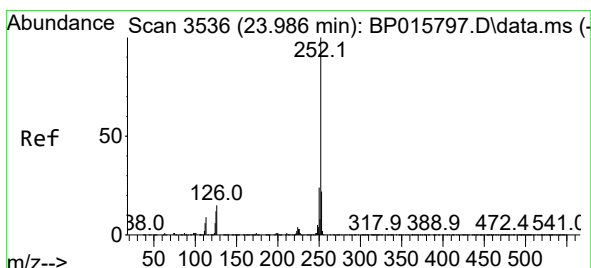
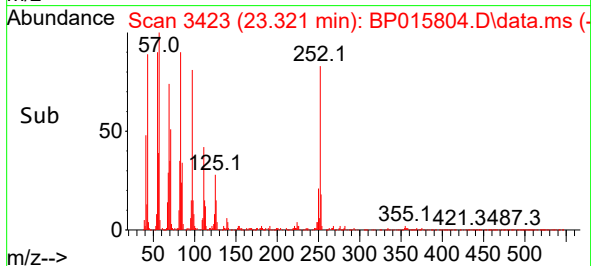
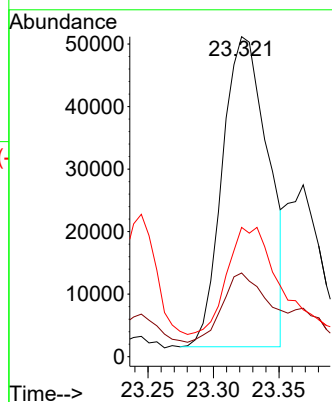
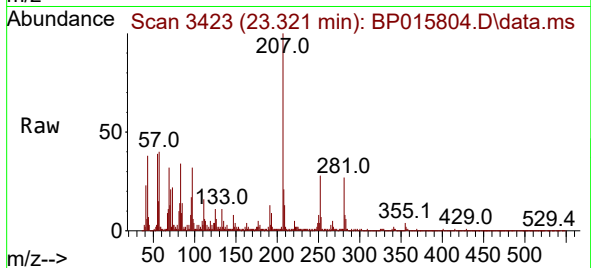
Tgt Ion:252 Resp: 120332

Ion Ratio Lower Upper

252 100

253 26.1 17.0 25.4#

125 40.4 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 1.279 ng/ul

RT: 23.986 min Scan# 3536

Delta R.T. -0.000 min

Lab File: BP015804.D

Acq: 29 Jun 2023 11:15

Tgt Ion:252 Resp: 74138

Ion Ratio Lower Upper

252 100

253 23.5 17.7 26.5

125 19.7 8.2 12.2#

