

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP071823\  
 Data File : BP016308.D  
 Acq On : 18 Jul 2023 23:45  
 Operator : MA/JU  
 Sample : 03458-24  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jul 19 01:31:36 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 19 01:28:59 2023  
 Response via : Initial Calibration

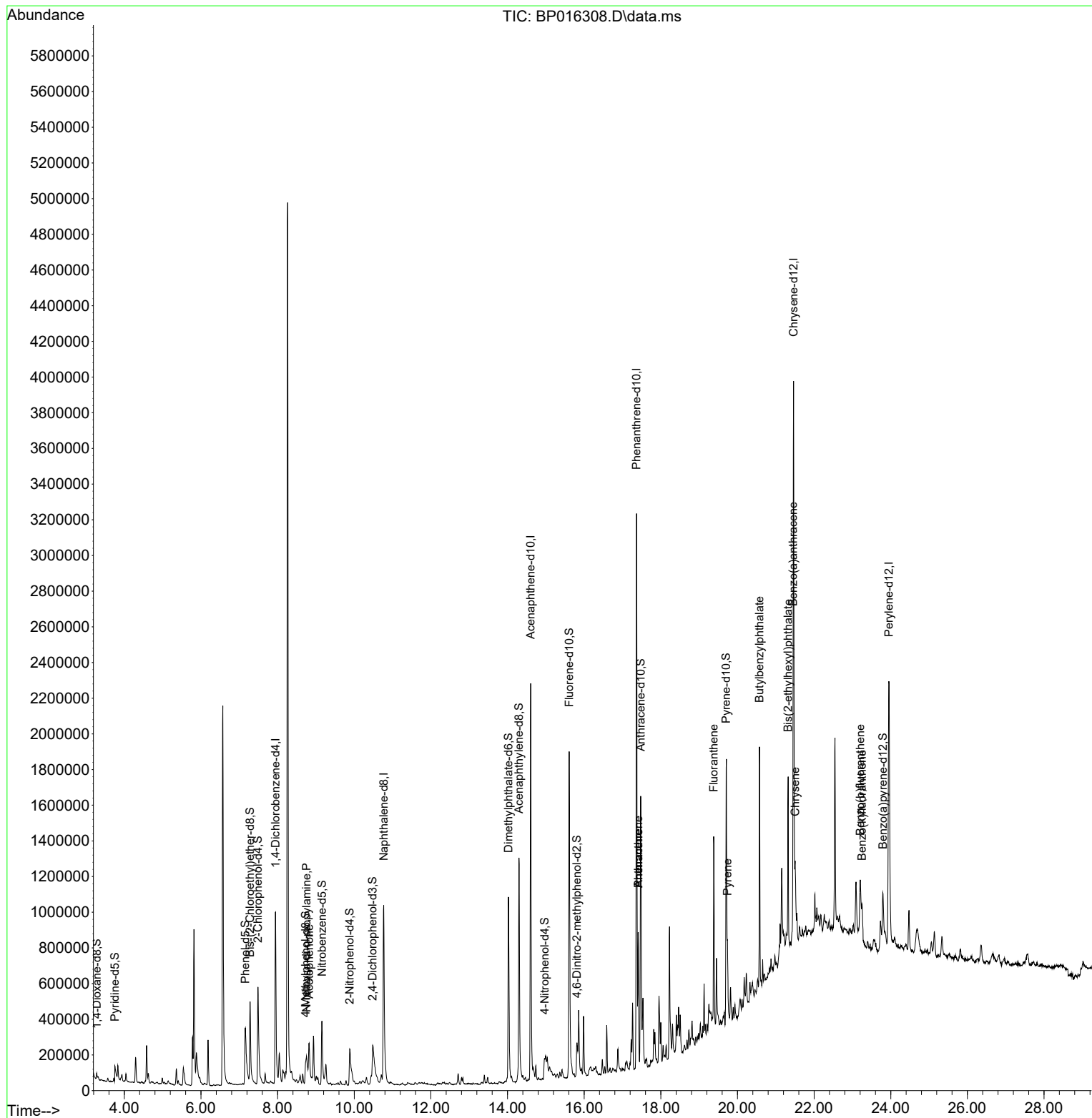
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.946  | 152  | 305571   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.769 | 136  | 989522   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.604 | 164  | 773718   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.363 | 188  | 1777421  | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.463 | 240  | 1509806  | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.951 | 264  | 1403465  | 20.000 | ng/ul  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.281  | 96   | 18060    | 2.091  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.752  | 84   | 68881    | 3.198  | ng/ul  | 0.02     |
| 7) Phenol-d5                  | 7.158  | 99   | 316928   | 11.483 | ng/ul  | 0.02     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.281  | 67   | 256743   | 13.756 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.487  | 132  | 282534   | 14.180 | ng/ul  | 0.01     |
| 15) 4-Methylphenol-d8         | 8.728  | 113  | 78732    | 3.541  | ng/ul  | 0.04     |
| 21) Nitrobenzene-d5           | 9.158  | 128  | 100977   | 14.792 | ng/ul  | 0.02     |
| 24) 2-Nitrophenol-d4          | 9.881  | 143  | 109852   | 14.119 | ng/ul  | 0.02     |
| 28) 2,4-Dichlorophenol-d3     | 10.481 | 165  | 182562   | 13.550 | ng/ul  | 0.05     |
| 31) 4-Chloroaniline-d4        | 10.963 | 131  | 40       | 0.002  | ng/ul  | 0.02     |
| 46) Dimethylphthalate-d6      | 14.022 | 166  | 856139   | 14.506 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.298 | 160  | 829817   | 12.829 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.969 | 143  | 50957    | 4.231  | ng/ul  | 0.04     |
| 60) Fluorene-d10              | 15.610 | 176  | 895008   | 18.120 | ng/ul  | 0.01     |
| 65) 4,6-Dinitro-2-methylph... | 15.810 | 200  | 72467    | 7.063  | ng/ul  | 0.03     |
| 73) Anthracene-d10            | 17.475 | 188  | 1055082  | 13.571 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.704 | 212  | 709076   | 9.051  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.798 | 264  | 222903   | 3.307  | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 16) Acetophenone              | 8.822  | 105  | 115499   | 3.150  | ng/ul  | 95       |
| 17) N-Nitroso-di-n-propyla... | 8.758  | 70   | 30605    | 1.557  | ng/ul# | 76       |
| 72) Phenanthrene              | 17.410 | 178  | 437289   | 4.722  | ng/ul  | 99       |
| 74) Anthracene                | 17.410 | 178  | 437668   | 4.703  | ng/ul  | 99       |
| 80) Fluoranthene              | 19.381 | 202  | 666464   | 7.275  | ng/ul  | 100      |
| 82) Pyrene                    | 19.739 | 202  | 287383   | 2.938  | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.575 | 149  | 367130   | 8.703  | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.451 | 228  | 255645   | 2.600  | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.322 | 149  | 283659   | 4.501  | ng/ul  | 99       |
| 87) Chrysene                  | 21.504 | 228  | 246153   | 2.471  | ng/ul  | 96       |
| 90) Benzo(b)fluoranthene      | 23.204 | 252  | 242169   | 3.021  | ng/ul# | 94       |
| 91) Benzo(k)fluoranthene      | 23.251 | 252  | 95998    | 1.177  | ng/ul# | 89       |

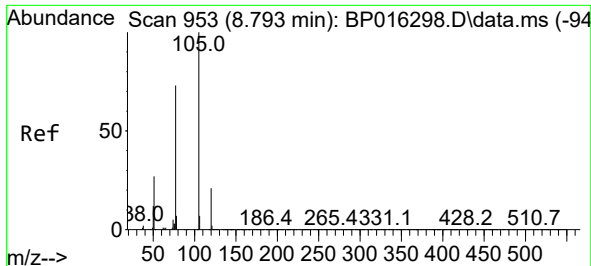
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP071223.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Jul 19 01:28:59 2023  
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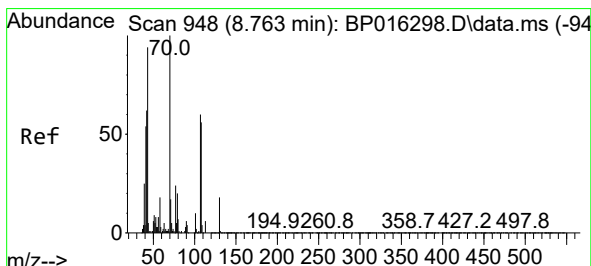
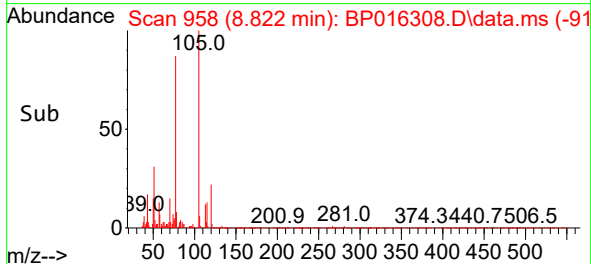
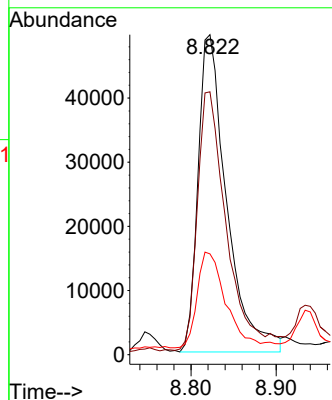
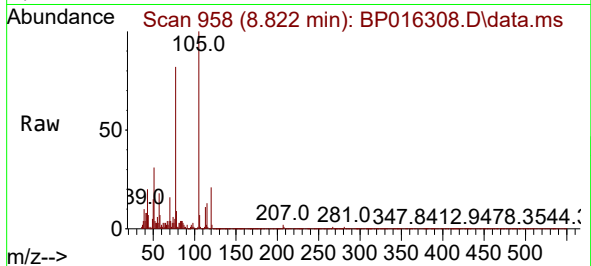




#16  
Acetophenone  
Concen: 3.150 ng/ul  
RT: 8.822 min Scan# 91  
Delta R.T. 0.030 min  
Lab File: BP016308.D  
Acq: 18 Jul 2023 23:45

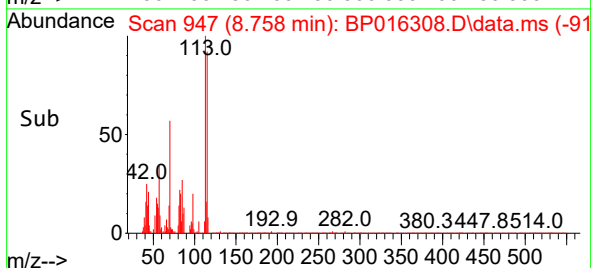
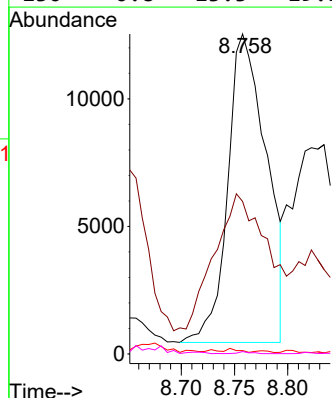
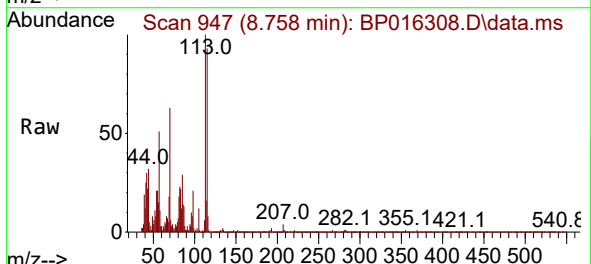
Instrument :  
BNA\_M  
ClientSampleId :

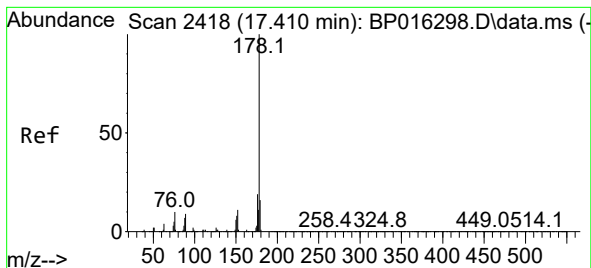
Tgt Ion:105 Resp: 115499  
Ion Ratio Lower Upper  
105 100  
77 82.1 70.2 105.2  
51 31.5 26.3 39.5



#17  
N-Nitroso-di-n-propylamine  
Concen: 1.557 ng/ul  
RT: 8.758 min Scan# 947  
Delta R.T. -0.006 min  
Lab File: BP016308.D  
Acq: 18 Jul 2023 23:45

Tgt Ion: 70 Resp: 30605  
Ion Ratio Lower Upper  
70 100  
42 47.7 50.8 76.2#  
101 1.1 7.0 10.6#  
130 0.8 13.3 19.9#





#72

Phenanthrene

Concen: 4.722 ng/ul

RT: 17.410 min Scan# 2418

Delta R.T. 0.000 min

Lab File: BP016308.D

Acq: 18 Jul 2023 23:45

Instrument :

BNA\_M

ClientSampleId :

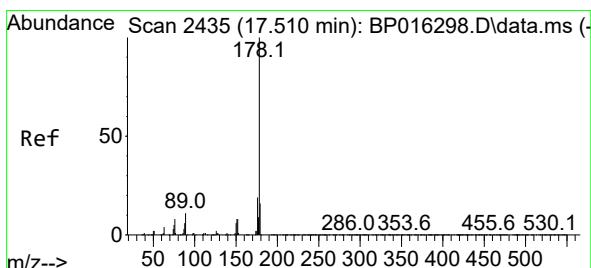
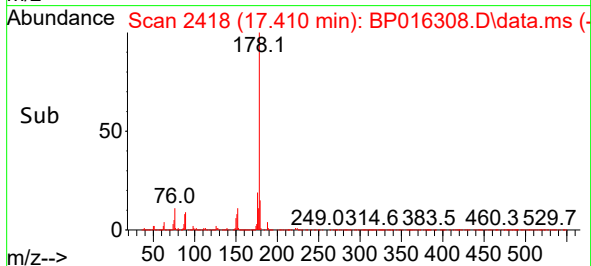
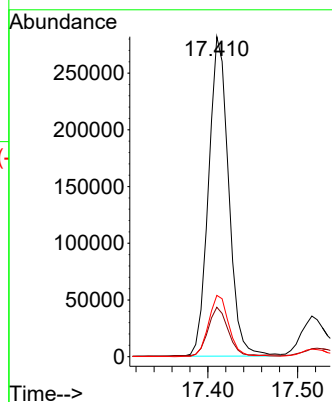
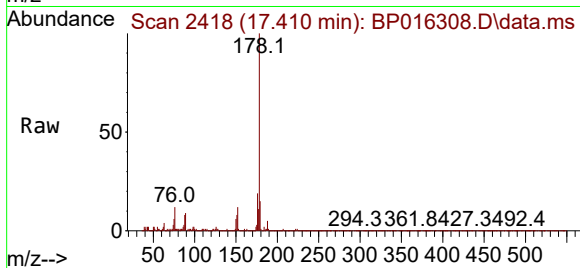
Tgt Ion:178 Resp: 437289

Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

176 19.1 15.6 23.4



#74

Anthracene

Concen: 4.703 ng/ul

RT: 17.410 min Scan# 2418

Delta R.T. -0.100 min

Lab File: BP016308.D

Acq: 18 Jul 2023 23:45

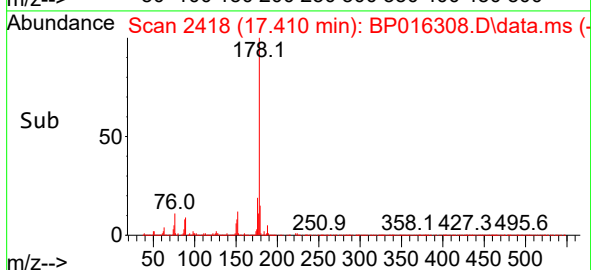
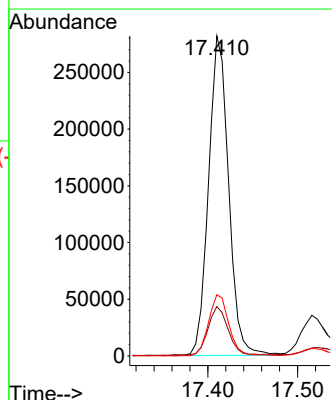
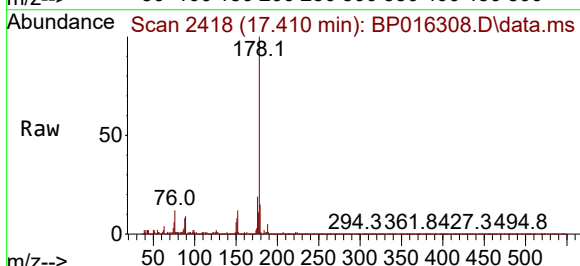
Tgt Ion:178 Resp: 437668

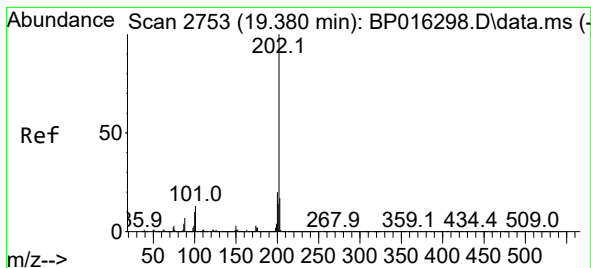
Ion Ratio Lower Upper

178 100

179 15.5 11.9 17.9

176 19.1 15.0 22.4





#80

Fluoranthene

Concen: 7.275 ng/ul

RT: 19.381 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP016308.D

Acq: 18 Jul 2023 23:45

Instrument :

BNA\_M

ClientSampleId :

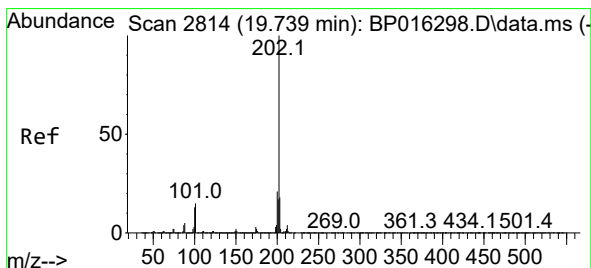
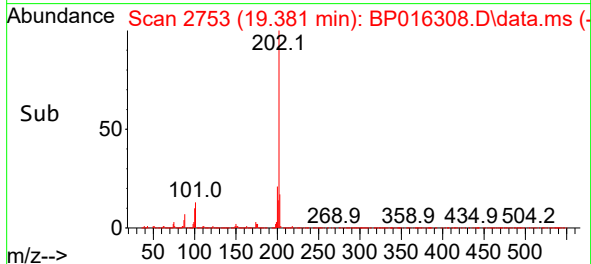
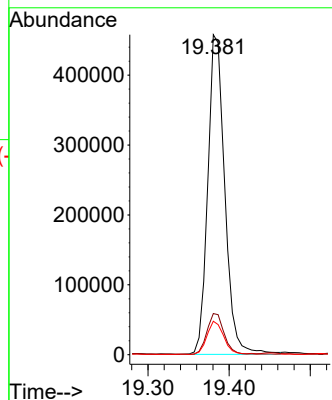
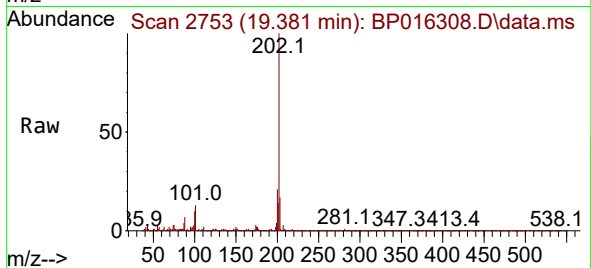
Tgt Ion:202 Resp: 666464

Ion Ratio Lower Upper

202 100

101 12.9 10.4 15.6

100 10.4 8.2 12.4



#82

Pyrene

Concen: 2.938 ng/ul

RT: 19.739 min Scan# 2814

Delta R.T. 0.000 min

Lab File: BP016308.D

Acq: 18 Jul 2023 23:45

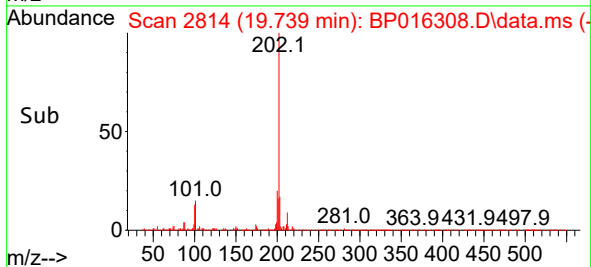
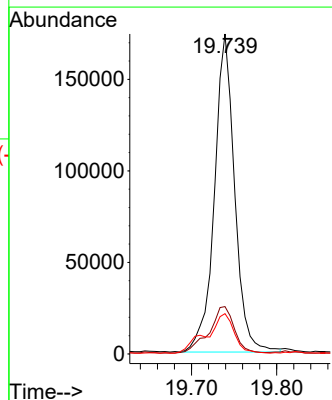
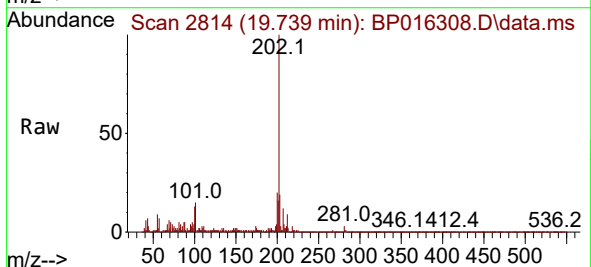
Tgt Ion:202 Resp: 287383

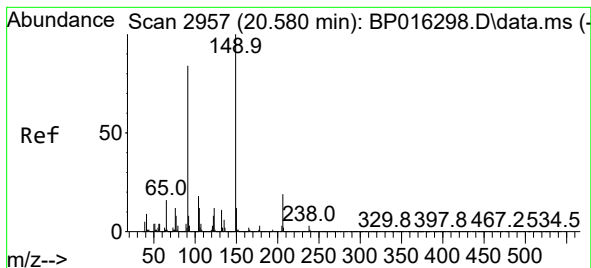
Ion Ratio Lower Upper

202 100

101 14.8 12.4 18.6

100 12.6 10.5 15.7





#83

Butylbenzylphthalate

Concen: 8.703 ng/ul

RT: 20.575 min Scan# 2956

Delta R.T. -0.006 min

Lab File: BP016308.D

Acq: 18 Jul 2023 23:45

Instrument :

BNA\_M

ClientSampleId :

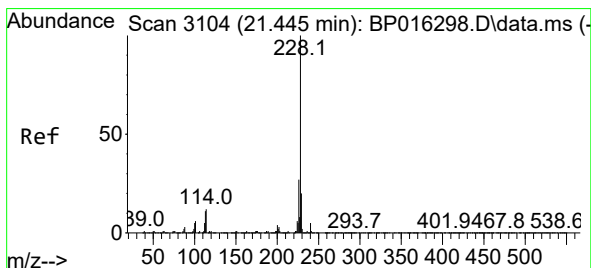
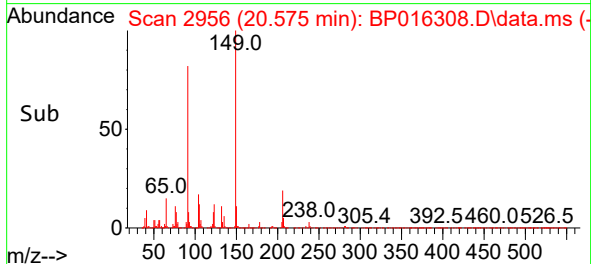
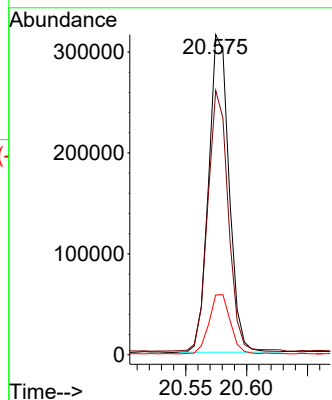
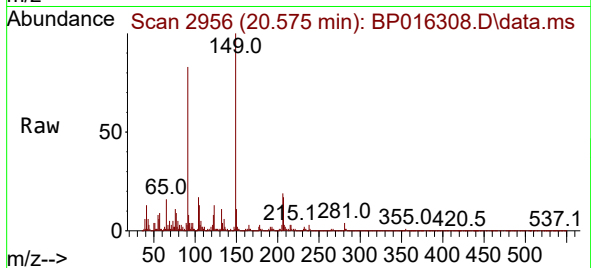
Tgt Ion:149 Resp: 367130

Ion Ratio Lower Upper

149 100

91 82.5 67.1 100.7

206 18.7 15.0 22.4



#85

Benzo(a)anthracene

Concen: 2.600 ng/ul

RT: 21.451 min Scan# 3105

Delta R.T. 0.006 min

Lab File: BP016308.D

Acq: 18 Jul 2023 23:45

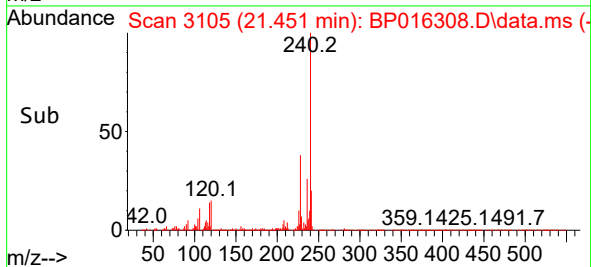
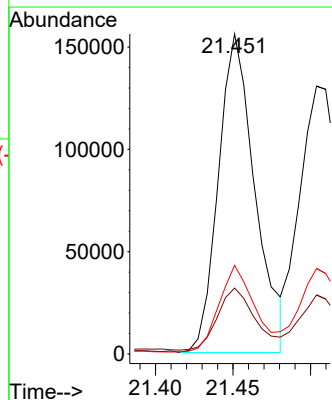
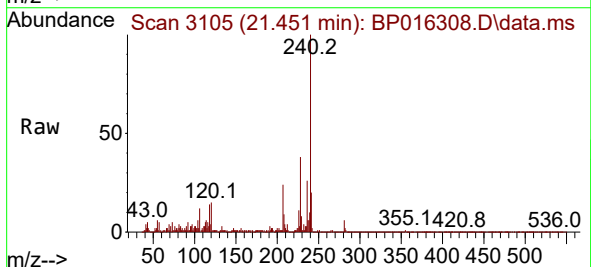
Tgt Ion:228 Resp: 255645

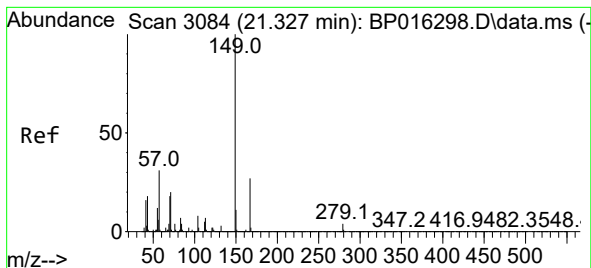
Ion Ratio Lower Upper

228 100

229 20.6 15.5 23.3

226 27.7 21.5 32.3





#86

Bis(2-ethylhexyl)phthalate

Concen: 4.501 ng/ul

RT: 21.322 min Scan# 3083

Delta R.T. -0.006 min

Lab File: BP016308.D

Acq: 18 Jul 2023 23:45

Instrument :

BNA\_M

ClientSampleId :

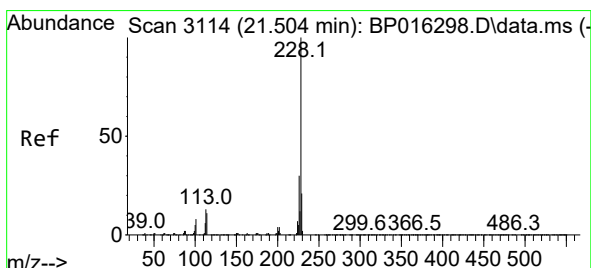
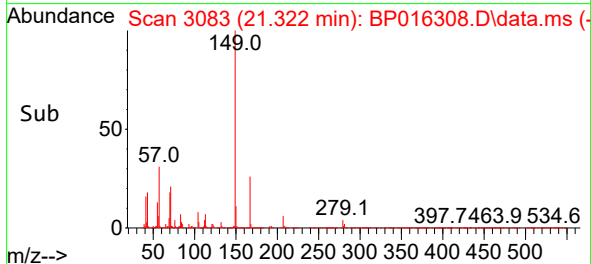
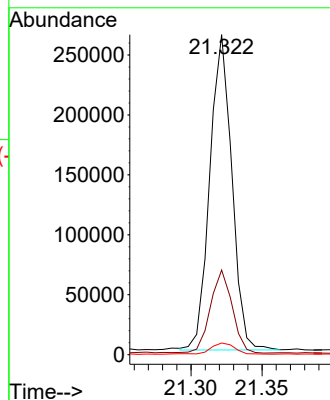
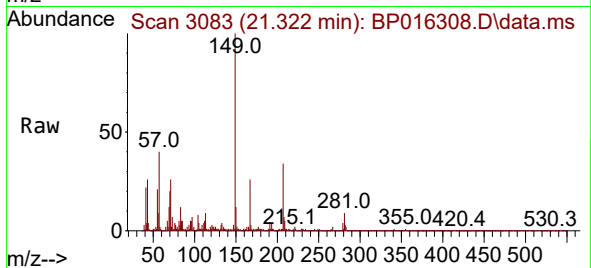
Tgt Ion:149 Resp: 283659

Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

279 3.7 3.0 4.6



#87

Chrysene

Concen: 2.471 ng/ul

RT: 21.504 min Scan# 3114

Delta R.T. 0.000 min

Lab File: BP016308.D

Acq: 18 Jul 2023 23:45

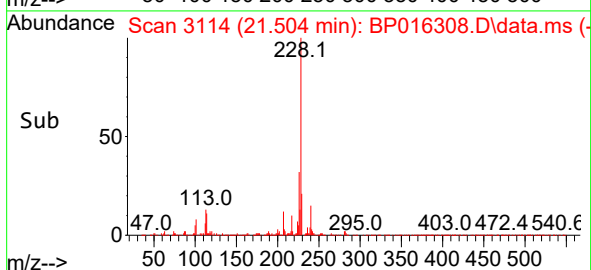
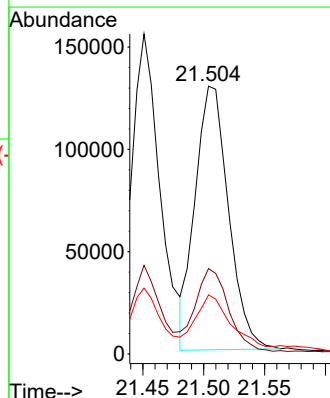
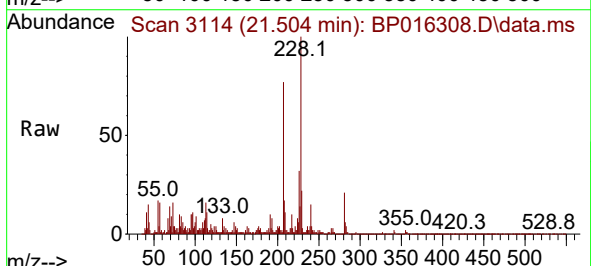
Tgt Ion:228 Resp: 246153

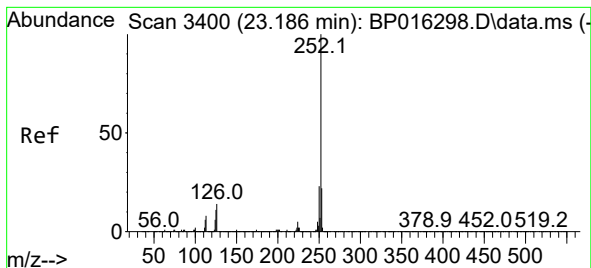
Ion Ratio Lower Upper

228 100

226 31.9 24.0 36.0

229 22.1 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 3.021 ng/ul

RT: 23.204 min Scan# 3410

Delta R.T. 0.018 min

Lab File: BP016308.D

Acq: 18 Jul 2023 23:45

Instrument :

BNA\_M

ClientSampleId :

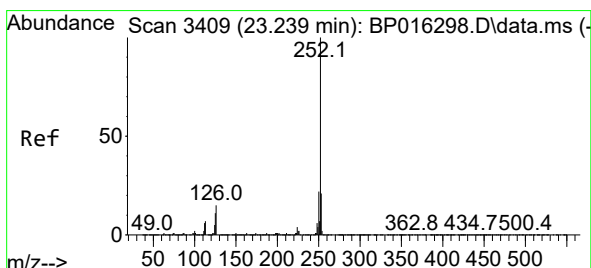
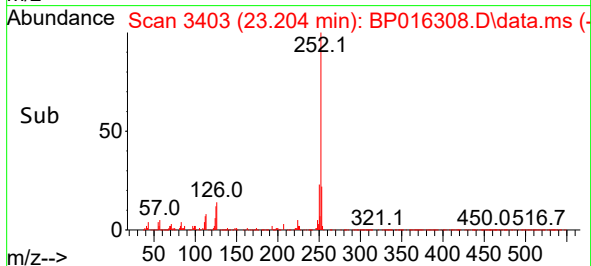
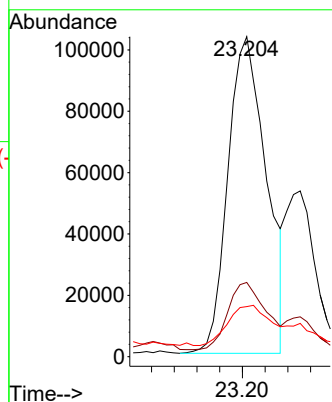
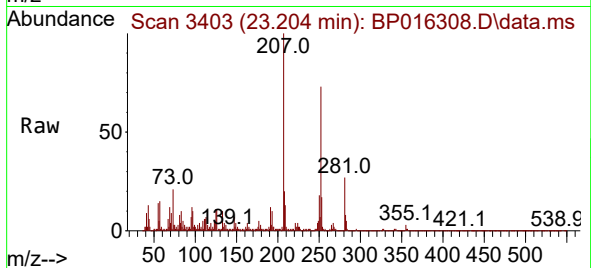
Tgt Ion:252 Resp: 242169

Ion Ratio Lower Upper

252 100

253 23.2 17.3 25.9

125 15.6 9.4 14.0#



#91

Benzo(k)fluoranthene

Concen: 1.177 ng/ul

RT: 23.251 min Scan# 3411

Delta R.T. 0.012 min

Lab File: BP016308.D

Acq: 18 Jul 2023 23:45

Tgt Ion:252 Resp: 95998

Ion Ratio Lower Upper

252 100

253 24.1 17.4 26.2

125 20.0 9.3 13.9#

