

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062323\  
 Data File : BP015699.D  
 Acq On : 24 Jun 2023 07:16  
 Operator : MA/JU  
 Sample : 03085-15  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCFP6

Quant Time: Jun 24 22:16:32 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 22 22:01:49 2023  
 Response via : Initial Calibration

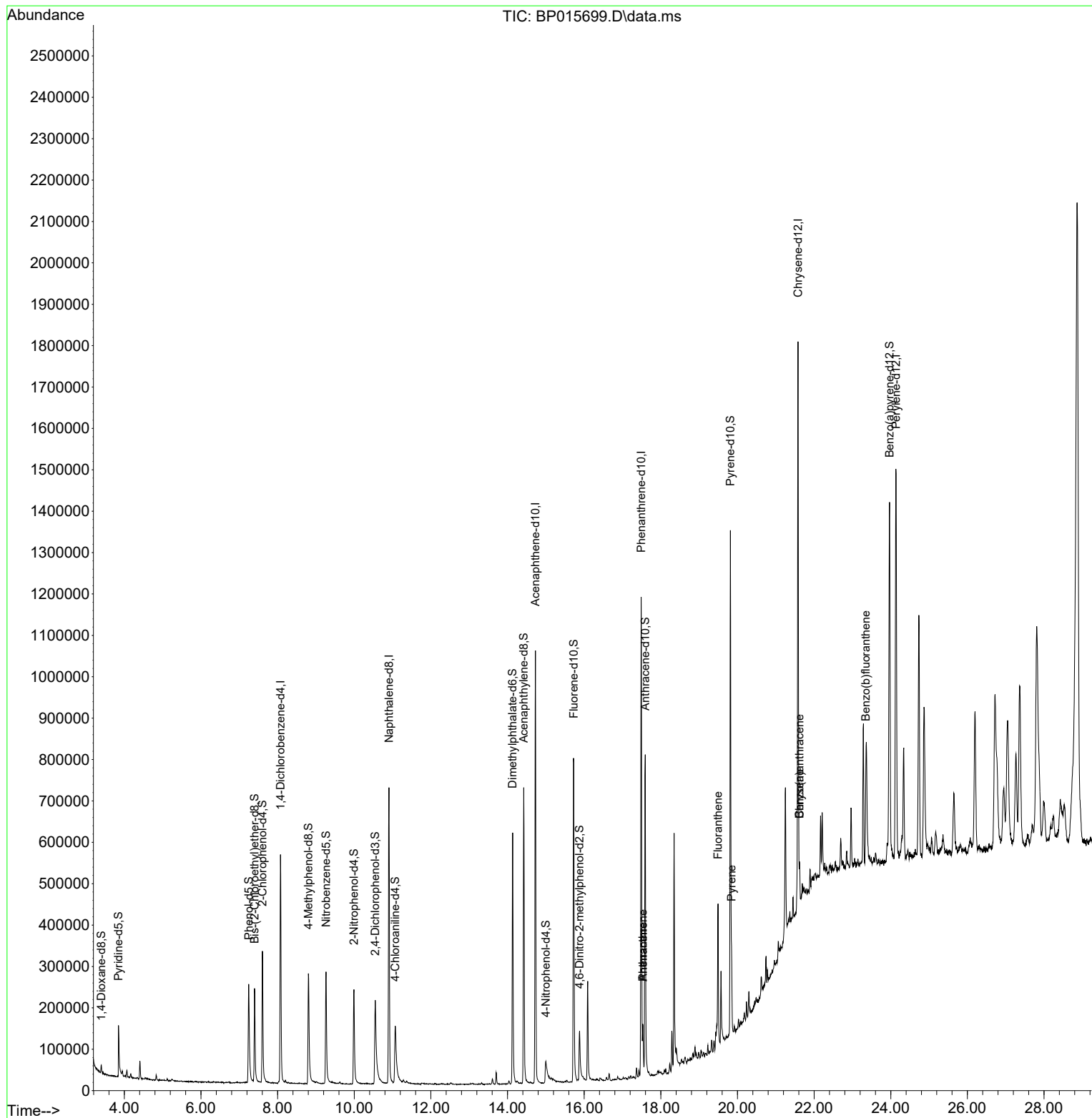
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.075  | 152  | 152439   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.904 | 136  | 588270   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.728 | 164  | 343834   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.486 | 188  | 705725   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.580 | 240  | 666808   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.139 | 264  | 799746   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.399  | 96   | 8685     | 2.110  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.846  | 84   | 65077    | 6.086  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.246  | 99   | 165374   | 11.776 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.399  | 67   | 112755   | 13.444 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.605  | 132  | 144676   | 14.209 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.805  | 113  | 124546   | 10.806 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.263  | 128  | 67173    | 14.544 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.993  | 143  | 75200    | 14.258 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.546 | 165  | 119928   | 12.465 | ng/u1  | 0.01     |
| 31) 4-Chloroaniline-d4        | 11.069 | 131  | 123104   | 8.914  | ng/u1  | 0.02     |
| 46) Dimethylphthalate-d6      | 14.134 | 166  | 413334   | 15.245 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.422 | 160  | 474378   | 16.001 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.998 | 143  | 11291    | 2.325  | ng/u1  | 0.05     |
| 60) Fluorene-d10              | 15.728 | 176  | 344270   | 15.057 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.875 | 200  | 39315    | 8.794  | ng/u1  | 0.01     |
| 73) Anthracene-d10            | 17.592 | 188  | 492888   | 15.350 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.816 | 212  | 632015   | 17.709 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.968 | 264  | 648559   | 16.162 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 72) Phenanthrene              | 17.533 | 178  | 67112    | 1.772  | ng/u1  | 98       |
| 74) Anthracene                | 17.533 | 178  | 67224    | 1.749  | ng/u1  | 97       |
| 80) Fluoranthene              | 19.492 | 202  | 179759   | 4.135  | ng/u1  | 98       |
| 82) Pyrene                    | 19.845 | 202  | 112972   | 2.512  | ng/u1  | 100      |
| 85) Benzo(a)anthracene        | 21.621 | 228  | 65087    | 1.396  | ng/u1  | 95       |
| 87) Chrysene                  | 21.621 | 228  | 64701    | 1.468  | ng/u1  | 97       |
| 90) Benzo(b)fluoranthene      | 23.351 | 252  | 72109    | 1.397  | ng/u1# | 90       |

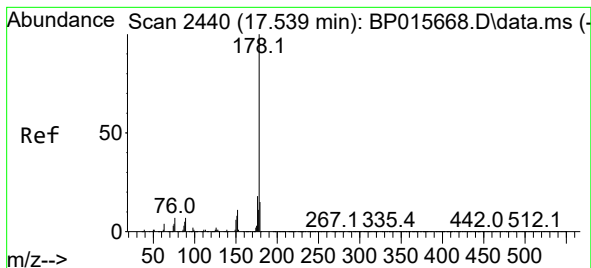
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062323\  
Data File : BP015699.D  
Acq On : 24 Jun 2023 07:16  
Operator : MA/JU  
Sample : 03085-15  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DCFP6

Quant Time: Jun 24 22:16:32 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jun 22 22:01:49 2023  
Response via : Initial Calibration





#72

Phenanthrene

Concen: 1.772 ng/ul

RT: 17.533 min Scan# 2440

Delta R.T. 0.000 min

Lab File: BP015699.D

Acq: 24 Jun 2023 07:16

Instrument :

BNA\_P

ClientSampleId :

DCFP6

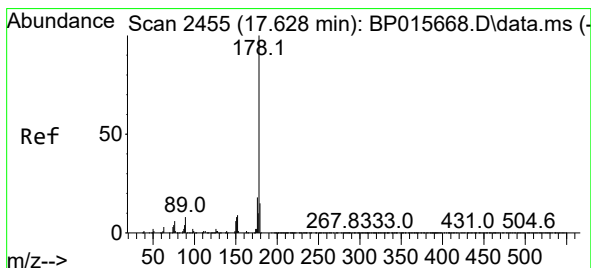
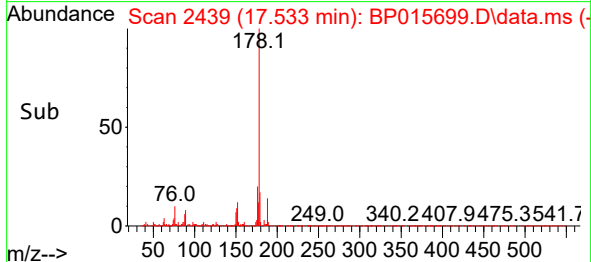
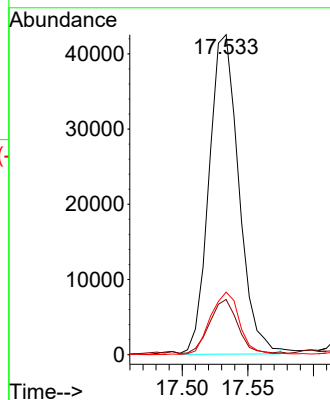
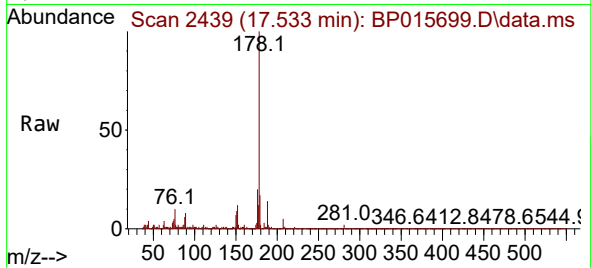
Tgt Ion:178 Resp: 67112

Ion Ratio Lower Upper

178 100

179 17.3 12.3 18.5

176 19.6 15.4 23.0



#74

Anthracene

Concen: 1.749 ng/ul

RT: 17.533 min Scan# 2439

Delta R.T. -0.094 min

Lab File: BP015699.D

Acq: 24 Jun 2023 07:16

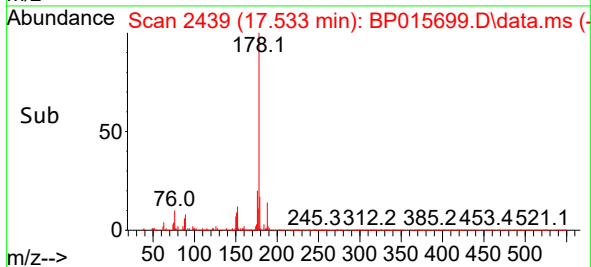
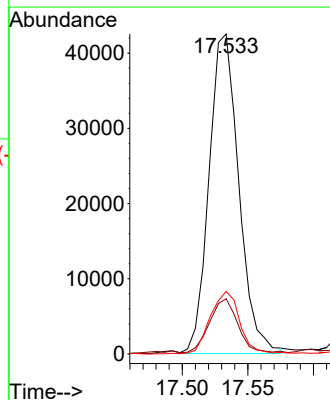
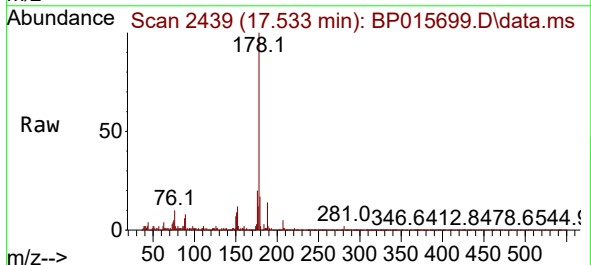
Tgt Ion:178 Resp: 67224

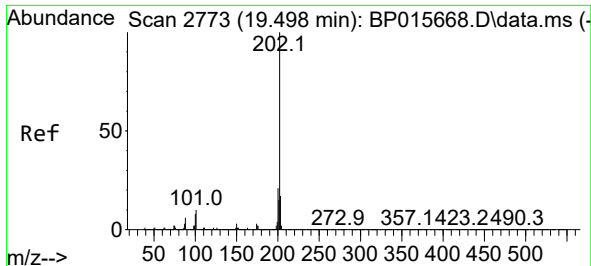
Ion Ratio Lower Upper

178 100

179 17.3 12.4 18.6

176 19.6 15.0 22.4

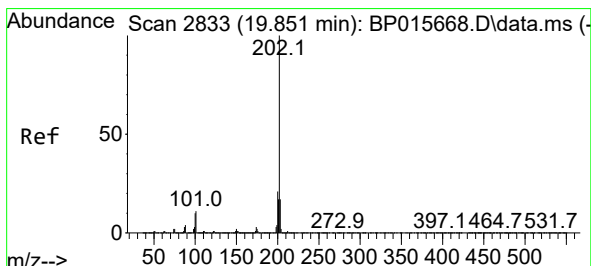
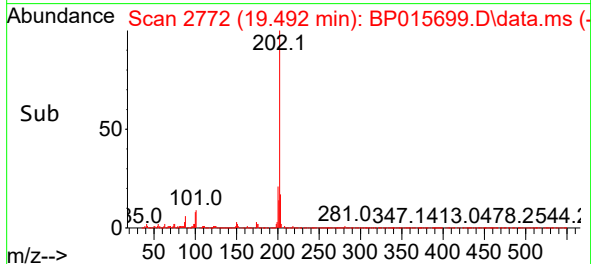
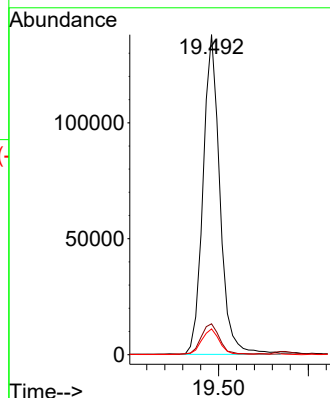
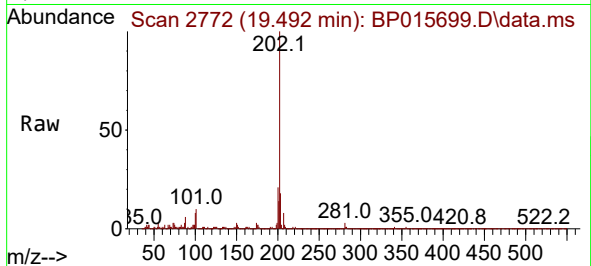




#80  
Fluoranthene  
Concen: 4.135 ng/ul  
RT: 19.492 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP015699.D  
Acq: 24 Jun 2023 07:16

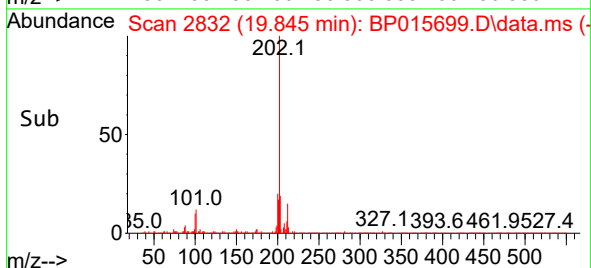
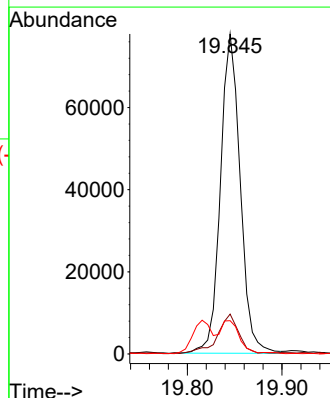
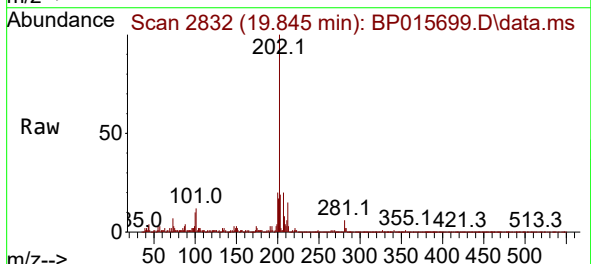
Instrument :  
BNA\_P  
ClientSampleId :  
DCFP6

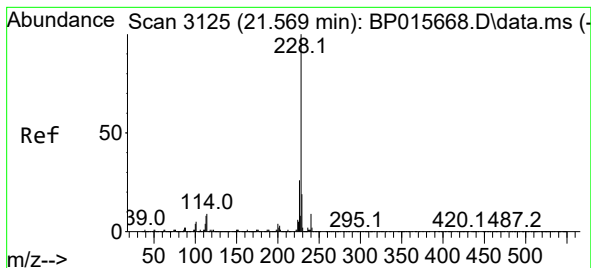
Tgt Ion:202 Resp: 179759  
Ion Ratio Lower Upper  
202 100  
101 9.6 8.6 13.0  
100 8.1 6.6 9.8



#82  
Pyrene  
Concen: 2.512 ng/ul  
RT: 19.845 min Scan# 2832  
Delta R.T. 0.000 min  
Lab File: BP015699.D  
Acq: 24 Jun 2023 07:16

Tgt Ion:202 Resp: 112972  
Ion Ratio Lower Upper  
202 100  
101 12.5 9.9 14.9  
100 10.4 8.4 12.6





#85

Benzo(a)anthracene

Concen: 1.396 ng/ul

RT: 21.621 min Scan# 3134

Delta R.T. 0.059 min

Lab File: BP015699.D

Acq: 24 Jun 2023 07:16

Instrument :

BNA\_P

ClientSampleId :

DCFP6

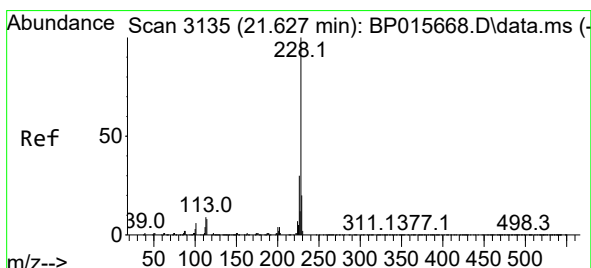
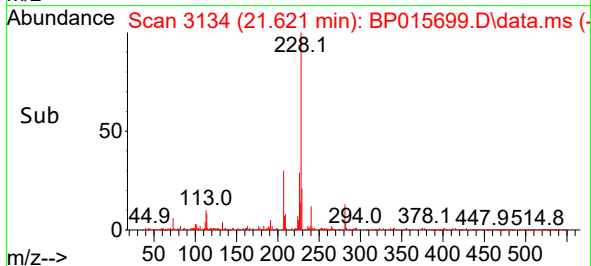
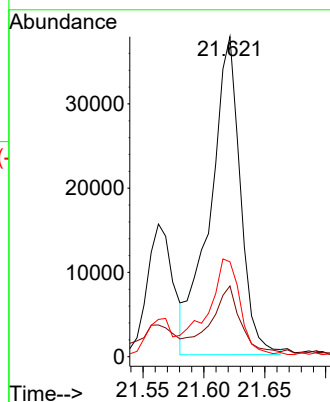
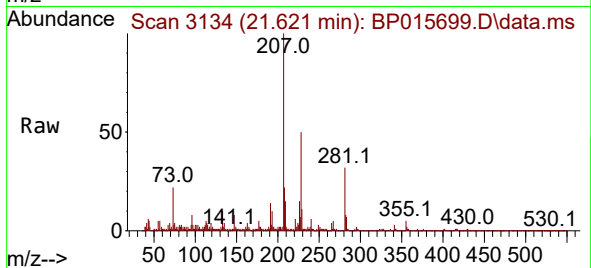
Tgt Ion:228 Resp: 65087

Ion Ratio Lower Upper

228 100

229 22.1 15.8 23.6

226 29.7 21.8 32.6



#87

Chrysene

Concen: 1.468 ng/ul

RT: 21.621 min Scan# 3134

Delta R.T. 0.000 min

Lab File: BP015699.D

Acq: 24 Jun 2023 07:16

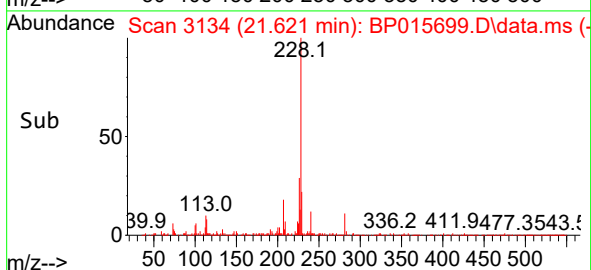
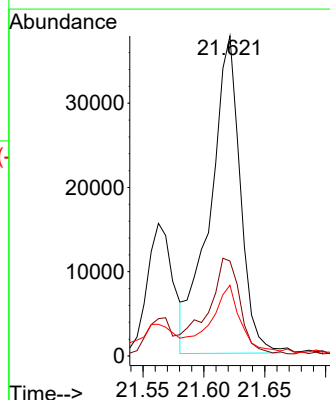
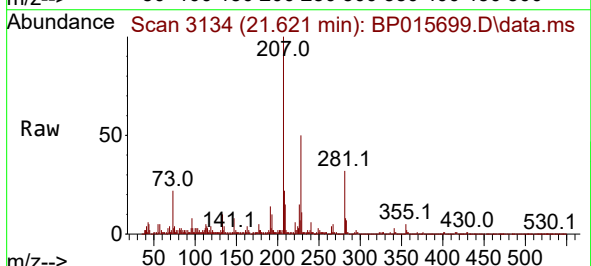
Tgt Ion:228 Resp: 64701

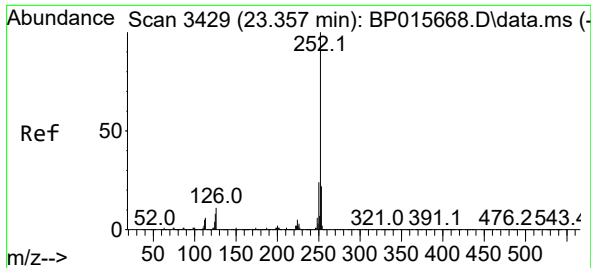
Ion Ratio Lower Upper

228 100

226 29.7 23.9 35.9

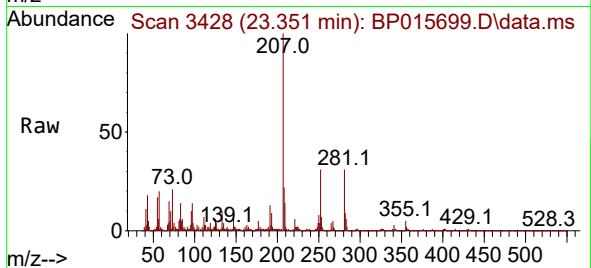
229 22.1 15.1 22.7





#90  
 Benzo(b)fluoranthene  
 Concen: 1.397 ng/ul  
 RT: 23.351 min Scan# 3428  
 Delta R.T. 0.006 min  
 Lab File: BP015699.D  
 Acq: 24 Jun 2023 07:16

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCFP6



Tgt Ion:252 Resp: 72109  
 Ion Ratio Lower Upper  
 252 100  
 253 22.7 17.4 26.2  
 125 20.0 7.3 10.9#

