

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP070423\  
 Data File : BP015973.D  
 Acq On : 04 Jul 2023 13:26  
 Operator : MA/JU  
 Sample : 03245-22  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DCGJ0

Quant Time: Jul 04 21:56:14 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP062623.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Jul 02 06:12:16 2023  
 Response via : Initial Calibration

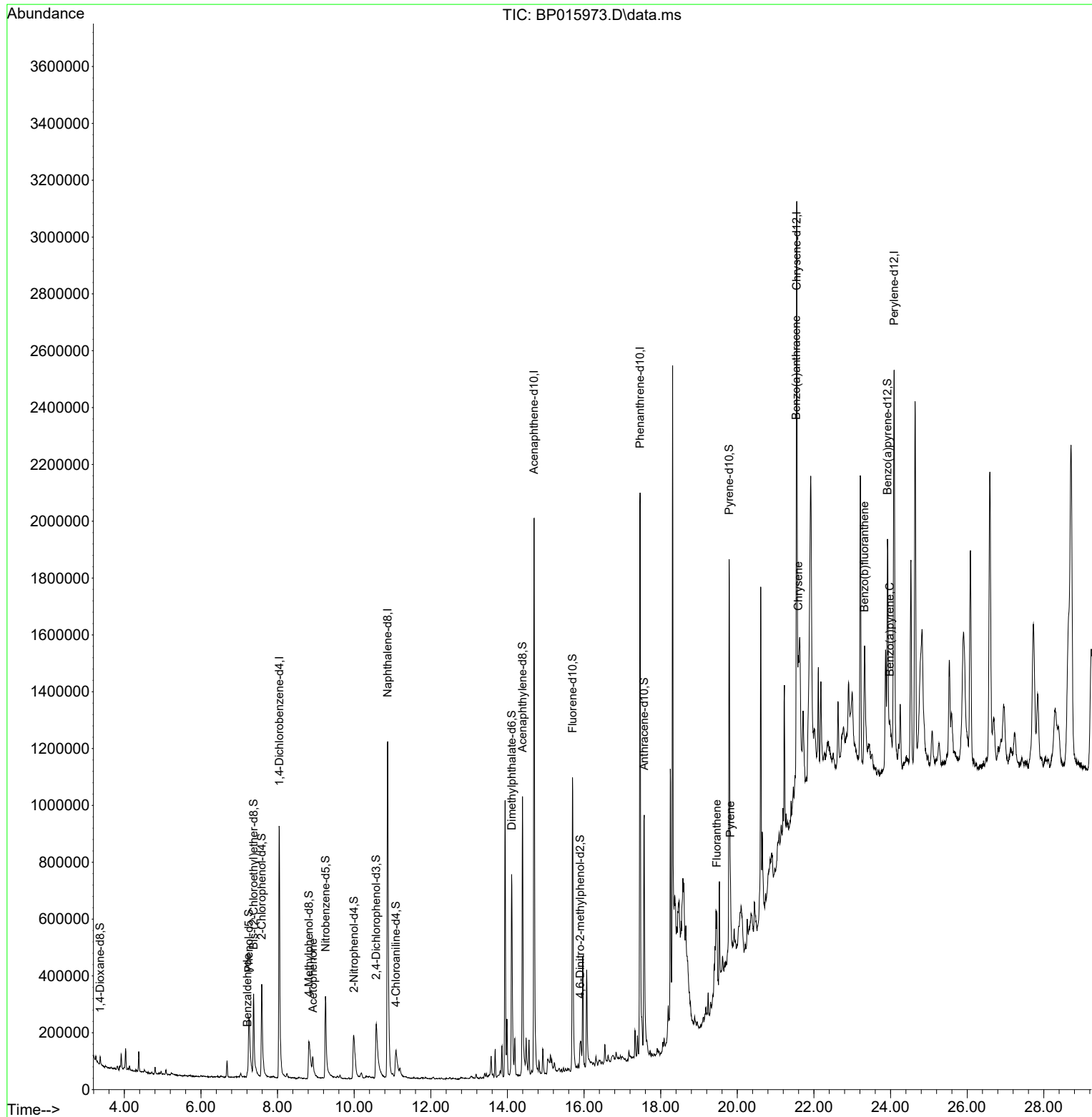
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.046  | 152  | 299985   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.875 | 136  | 1281919  | 20.000 | ng/ul  | # 0.00   |
| 38) Acenaphthene-d10          | 14.692 | 164  | 727423   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.463 | 188  | 1337970  | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.551 | 240  | 1048119  | 20.000 | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 24.092 | 264  | 1174950  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.369  | 96   | 12485    | 1.497  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.834  | 84   | 127      | 0.006  | ng/ul  | 0.02     |
| 7) Phenol-d5                  | 7.252  | 99   | 222302   | 8.661  | ng/ul  | 0.03     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.375  | 67   | 181121   | 11.406 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.587  | 132  | 202881   | 10.471 | ng/ul  | 0.01     |
| 15) 4-Methylphenol-d8         | 8.816  | 113  | 129323   | 6.378  | ng/ul  | 0.04     |
| 21) Nitrobenzene-d5           | 9.251  | 128  | 98420    | 10.046 | ng/ul  | 0.02     |
| 24) 2-Nitrophenol-d4          | 9.993  | 143  | 107233   | 9.378  | ng/ul  | 0.04     |
| 28) 2,4-Dichlorophenol-d3     | 10.575 | 165  | 163844   | 8.041  | ng/ul  | 0.06     |
| 31) 4-Chloroaniline-d4        | 11.087 | 131  | 102005   | 3.897  | ng/ul  | 0.06     |
| 46) Dimethylphthalate-d6      | 14.110 | 166  | 629215   | 11.191 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.392 | 160  | 685268   | 10.842 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.922 | 143  | 515      | 0.069  | ng/ul  | -0.03    |
| 60) Fluorene-d10              | 15.698 | 176  | 502710   | 10.859 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.898 | 200  | 34074    | 4.141  | ng/ul  | 0.04     |
| 73) Anthracene-d10            | 17.569 | 188  | 640156   | 10.474 | ng/ul  | 0.01     |
| 81) Pyrene-d10                | 19.786 | 212  | 765679   | 11.188 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.921 | 264  | 675380   | 11.395 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 6) Benzaldehyde               | 7.216  | 77   | 11484    | 1.107  | ng/ul  | 85       |
| 16) Acetophenone              | 8.922  | 105  | 43871    | 1.316  | ng/ul  | 98       |
| 80) Fluoranthene              | 19.463 | 202  | 121384   | 1.427  | ng/ul# | 91       |
| 82) Pyrene                    | 19.821 | 202  | 112327   | 1.295  | ng/ul# | 89       |
| 85) Benzo(a)anthracene        | 21.539 | 228  | 76122    | 1.032  | ng/ul# | 95       |
| 87) Chrysene                  | 21.592 | 228  | 80183    | 1.146  | ng/ul# | 92       |
| 90) Benzo(b)fluoranthene      | 23.315 | 252  | 146844   | 1.945  | ng/ul# | 82       |
| 93) Benzo(a)pyrene            | 23.980 | 252  | 84165    | 1.276  | ng/ul# | 88       |

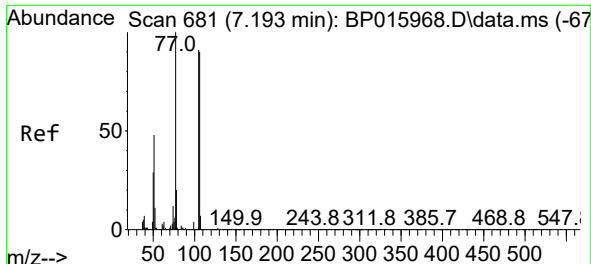
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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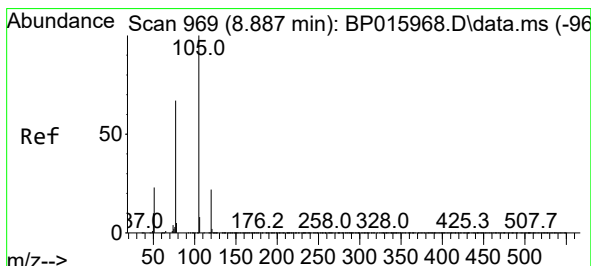
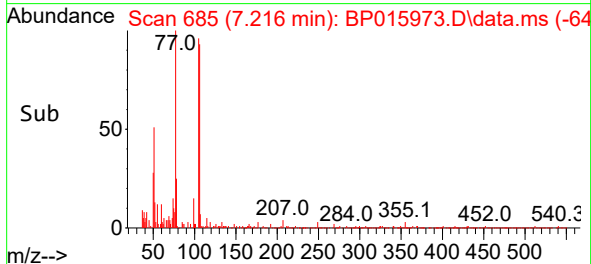
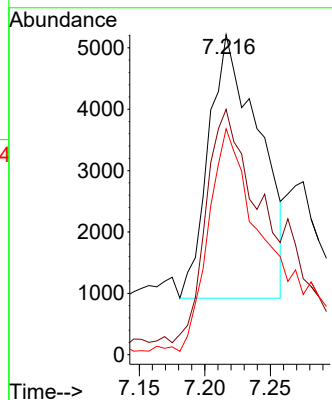
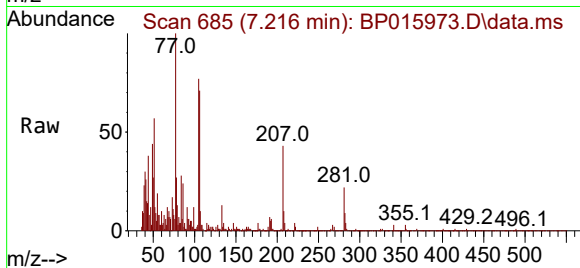




#6  
Benzaldehyde  
Concen: 1.107 ng/ul  
RT: 7.216 min Scan# 61  
Delta R.T. 0.024 min  
Lab File: BP015973.D  
Acq: 04 Jul 2023 13:26

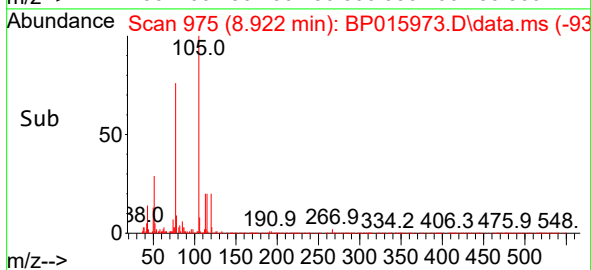
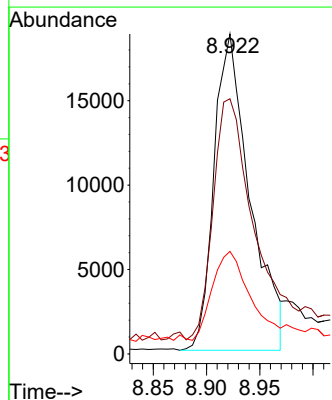
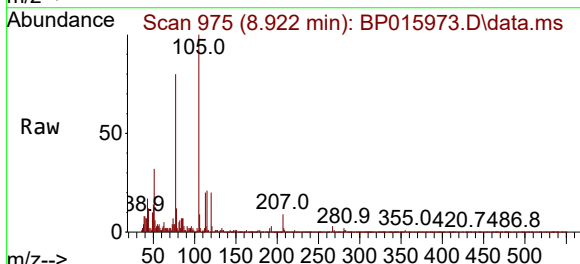
Instrument :  
BNA\_P  
ClientSampleId :  
DCGJ0

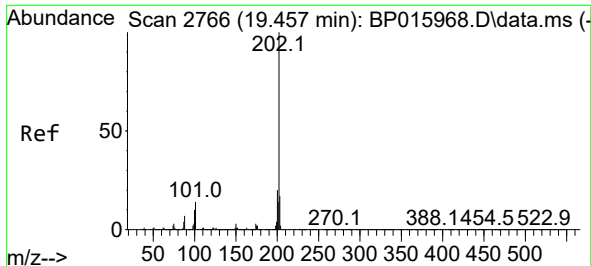
Tgt Ion: 77 Resp: 11484  
Ion Ratio Lower Upper  
77 100  
105 76.6 73.4 110.0  
106 70.6 66.6 100.0



#16  
Acetophenone  
Concen: 1.316 ng/ul  
RT: 8.922 min Scan# 975  
Delta R.T. 0.035 min  
Lab File: BP015973.D  
Acq: 04 Jul 2023 13:26

Tgt Ion: 105 Resp: 43871  
Ion Ratio Lower Upper  
105 100  
77 79.7 65.0 97.4  
51 32.0 25.1 37.7

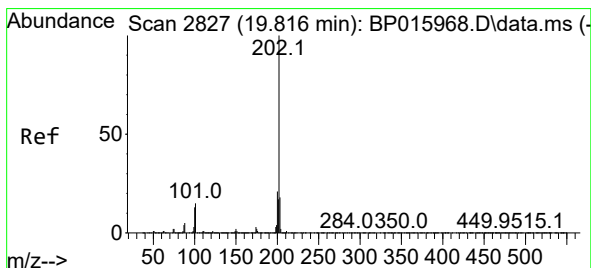
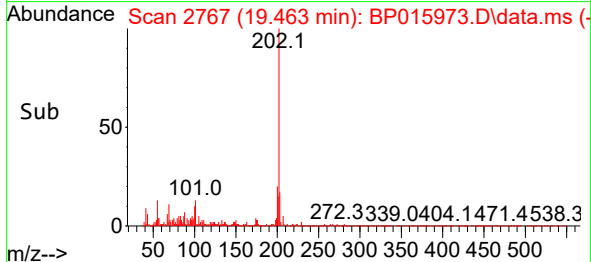
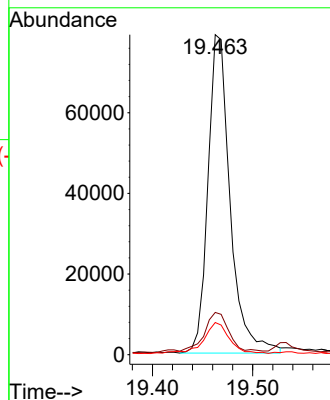
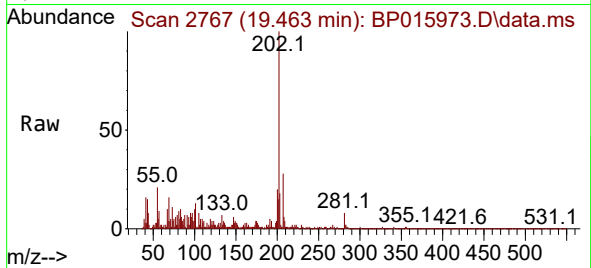




#80  
Fluoranthene  
Concen: 1.427 ng/ul  
RT: 19.463 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BP015973.D  
Acq: 04 Jul 2023 13:26

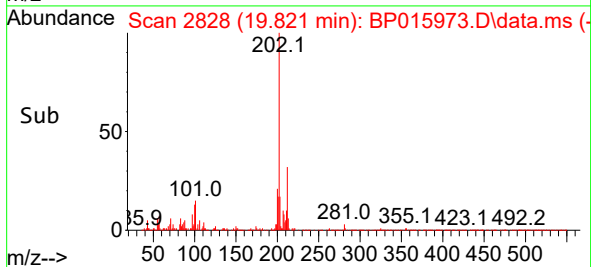
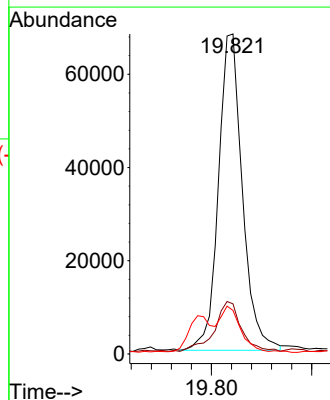
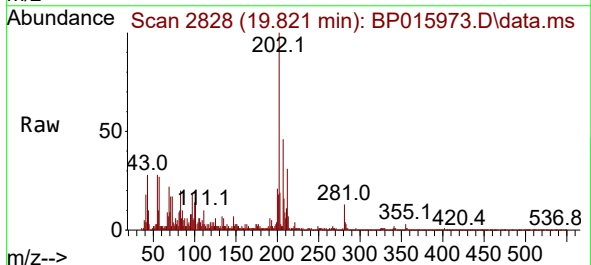
Instrument :  
BNA\_P  
ClientSampleId :  
DCGJ0

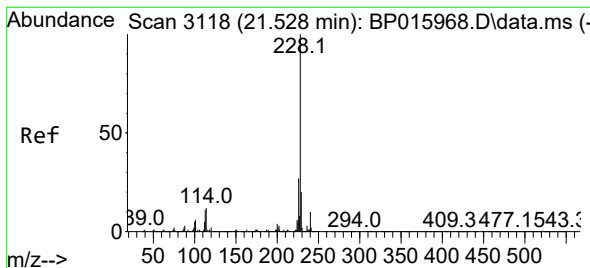
Tgt Ion:202 Resp: 121384  
Ion Ratio Lower Upper  
202 100  
101 14.6 8.3 12.5#  
100 10.1 6.6 9.8#



#82  
Pyrene  
Concen: 1.295 ng/ul  
RT: 19.821 min Scan# 2828  
Delta R.T. 0.006 min  
Lab File: BP015973.D  
Acq: 04 Jul 2023 13:26

Tgt Ion:202 Resp: 112327  
Ion Ratio Lower Upper  
202 100  
101 15.6 9.3 13.9#  
100 13.6 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 1.032 ng/ul

RT: 21.539 min Scan# 3118

Delta R.T. 0.006 min

Lab File: BP015973.D

Acq: 04 Jul 2023 13:26

Instrument :

BNA\_P

ClientSampleId :

DCGJ0

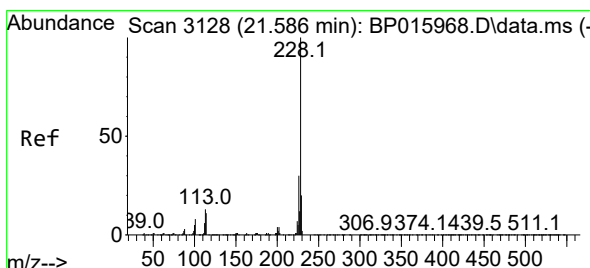
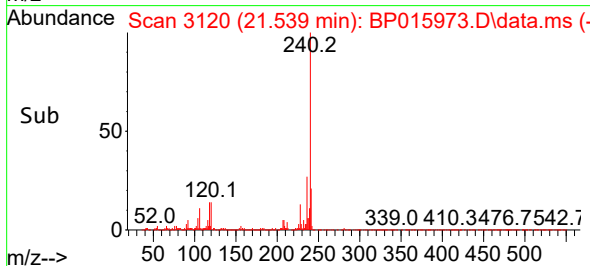
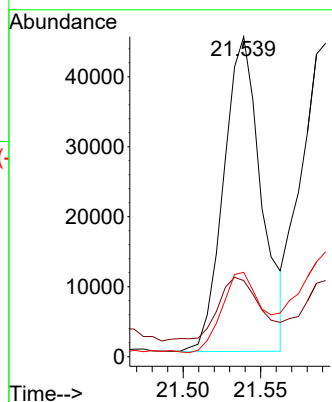
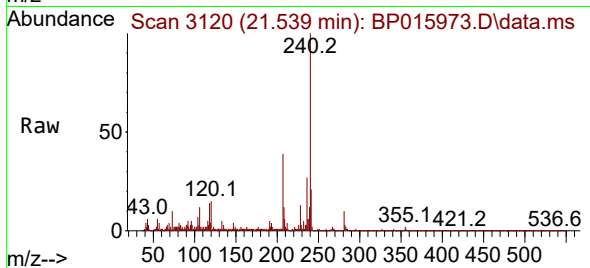
Tgt Ion:228 Resp: 76122

Ion Ratio Lower Upper

228 100

229 23.8 15.3 22.9#

226 26.4 21.4 32.0



#87

Chrysene

Concen: 1.146 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. 0.006 min

Lab File: BP015973.D

Acq: 04 Jul 2023 13:26

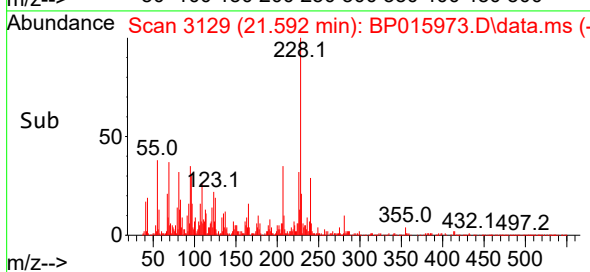
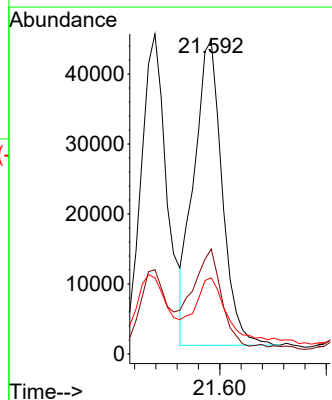
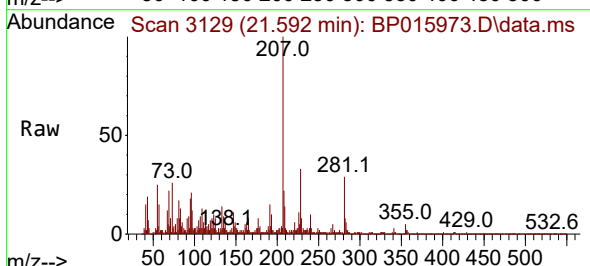
Tgt Ion:228 Resp: 80183

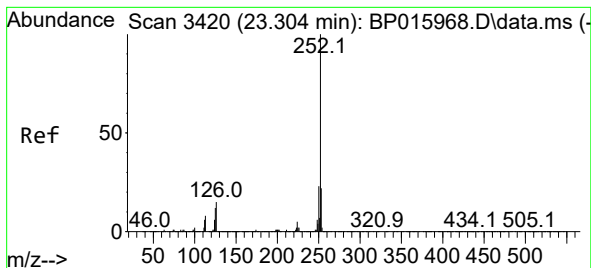
Ion Ratio Lower Upper

228 100

226 33.5 24.3 36.5

229 24.3 15.5 23.3#





#90

Benzo(b)fluoranthene

Concen: 1.945 ng/ul

RT: 23.315 min Scan# 34

Delta R.T. 0.006 min

Lab File: BP015973.D

Acq: 04 Jul 2023 13:26

Instrument :

BNA\_P

ClientSampleId :

DCGJ0

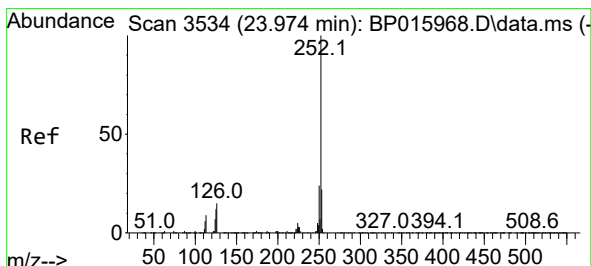
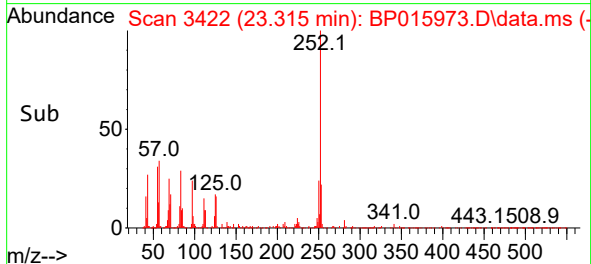
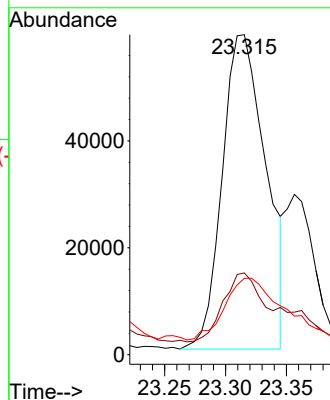
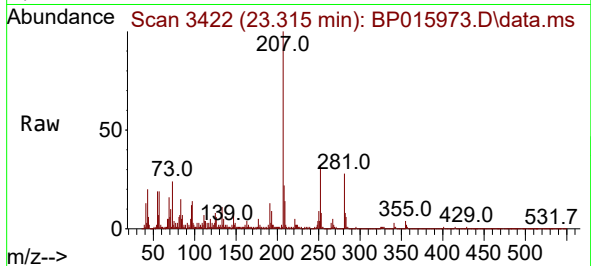
Tgt Ion:252 Resp: 146844

Ion Ratio Lower Upper

252 100

253 25.6 17.3 25.9

125 23.8 7.5 11.3#



#93

Benzo(a)pyrene

Concen: 1.276 ng/ul

RT: 23.980 min Scan# 3535

Delta R.T. 0.000 min

Lab File: BP015973.D

Acq: 04 Jul 2023 13:26

Tgt Ion:252 Resp: 84165

Ion Ratio Lower Upper

252 100

253 25.0 17.7 26.5

125 19.4 8.2 12.2#

