

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP041922\  
 Data File : BP009981.D  
 Acq On : 20 Apr 2022 17:50  
 Operator : CG/JU  
 Sample : N2374-02  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BFFD5

Quant Time: Apr 21 01:07:41 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP040722.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Apr 20 01:32:14 2022  
 Response via : Initial Calibration

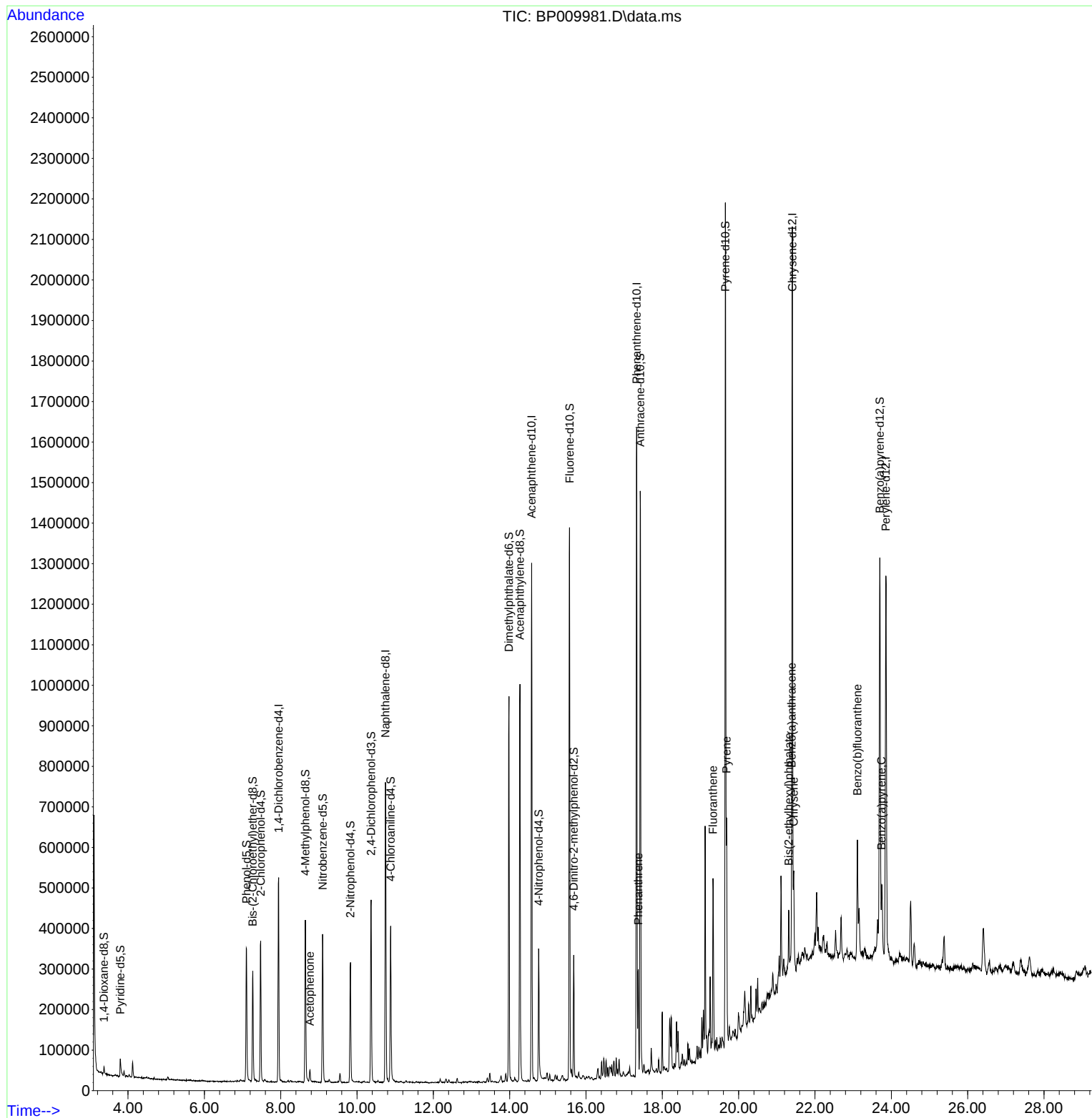
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.946  | 152  | 137510   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.746 | 136  | 616348   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.575 | 164  | 444951   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.328 | 188  | 969072   | 20.000 | ng/ul  | # 0.00   |
| 79) Chrysene-d12              | 21.404 | 240  | 899337   | 20.000 | ng/ul  | # 0.00   |
| 88) Perylene-d12              | 23.857 | 264  | 751065   | 20.000 | ng/ul  | -0.01    |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.369  | 96   | 8909     | 2.891  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.799  | 84   | 24598    | 2.896  | ng/ul  | 0.01     |
| 7) Phenol-d5                  | 7.099  | 99   | 188549   | 15.618 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.269  | 67   | 124372   | 17.305 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.475  | 132  | 157462   | 17.291 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.646  | 113  | 148140   | 14.699 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 9.099  | 128  | 83677    | 18.826 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.828  | 143  | 91045    | 18.684 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.369 | 165  | 165527   | 16.233 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.881 | 131  | 207717   | 14.302 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.981 | 166  | 608276   | 17.403 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.269 | 160  | 695095   | 16.787 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.763 | 143  | 82237    | 12.974 | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.569 | 176  | 548634   | 18.659 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.681 | 200  | 64180    | 11.180 | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.422 | 188  | 849486   | 18.309 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.651 | 212  | 1090304  | 22.198 | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.698 | 264  | 752200   | 19.232 | ng/ul  | -0.01    |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 16) Acetophenone              | 8.763  | 105  | 16435    | 1.035  | ng/ul# | 78       |
| 72) Phenanthrene              | 17.369 | 178  | 159548   | 3.084  | ng/ul  | 98       |
| 80) Fluoranthene              | 19.327 | 202  | 230787   | 4.082  | ng/ul  | 96       |
| 82) Pyrene                    | 19.680 | 202  | 274177   | 4.783  | ng/ul# | 95       |
| 85) Benzo(a)anthracene        | 21.386 | 228  | 102896   | 1.805  | ng/ul  | 96       |
| 86) Bis(2-ethylhexyl)phtha... | 21.310 | 149  | 46265    | 1.308  | ng/ul# | 82       |
| 87) Chrysene                  | 21.445 | 228  | 132238   | 2.404  | ng/ul  | 93       |
| 90) Benzo(b)fluoranthene      | 23.110 | 252  | 119683   | 2.398  | ng/ul# | 93       |
| 93) Benzo(a)pyrene            | 23.745 | 252  | 73094    | 1.580  | ng/ul# | 94       |

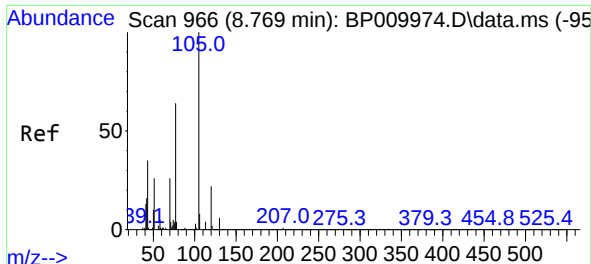
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 21 01:07:41 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP040722.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Apr 20 01:32:14 2022  
Response via : Initial Calibration

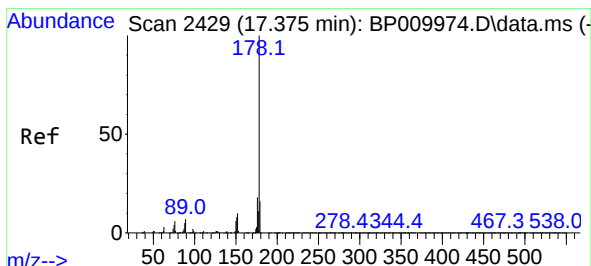
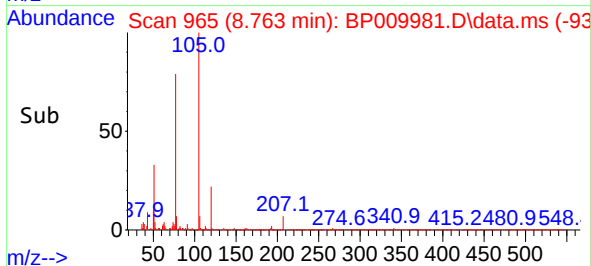
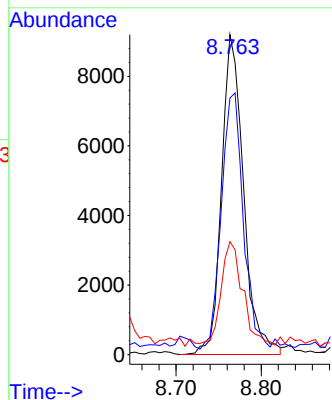
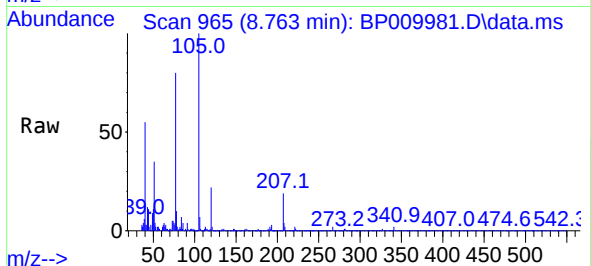




#16  
Acetophenone  
Concen: 1.035 ng/ul  
RT: 8.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BP009981.D  
Acq: 20 Apr 2022 17:50

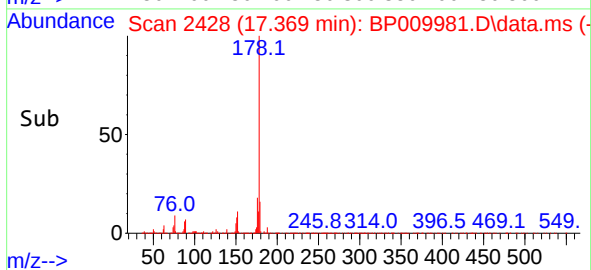
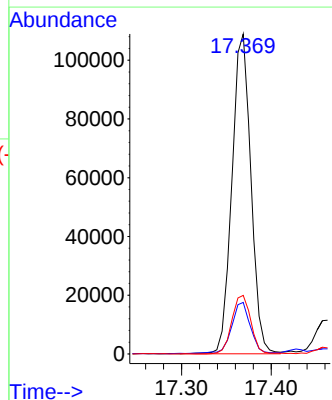
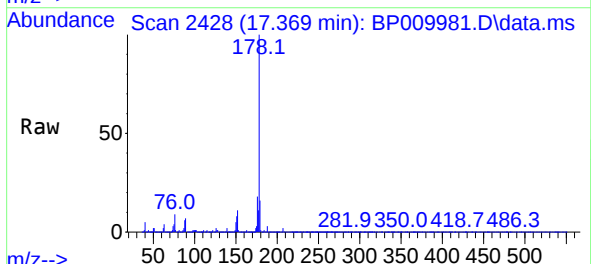
Instrument :  
BNA\_P  
ClientSampleId :  
BFFD5

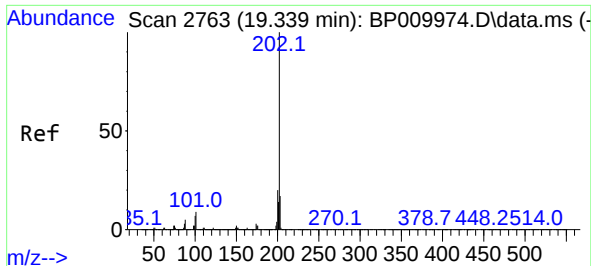
Tgt Ion:105 Resp: 16435  
Ion Ratio Lower Upper  
105 100  
77 80.2 53.4 80.2#  
51 35.3 13.8 20.8#



#72  
Phenanthrene  
Concen: 3.084 ng/ul  
RT: 17.369 min Scan# 2428  
Delta R.T. -0.006 min  
Lab File: BP009981.D  
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Tgt Ion:178 Resp: 159548  
Ion Ratio Lower Upper  
178 100  
179 16.1 11.7 17.5  
176 18.3 14.5 21.7

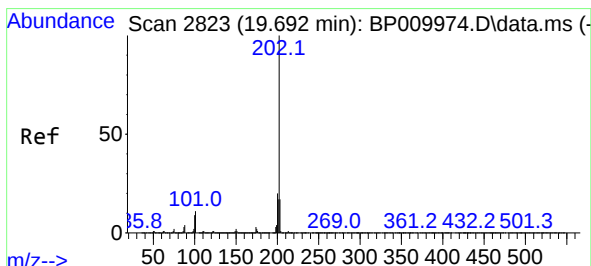
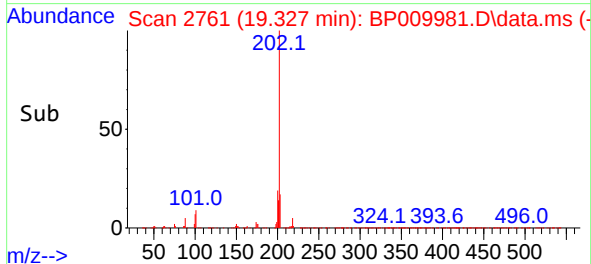
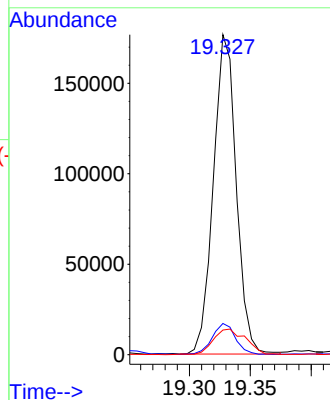
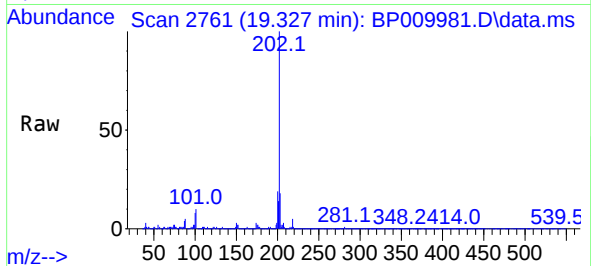




#80  
Fluoranthene  
Concen: 4.082 ng/ul  
RT: 19.327 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BP009981.D  
Acq: 20 Apr 2022 17:50

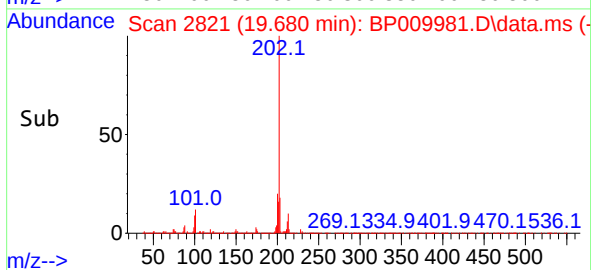
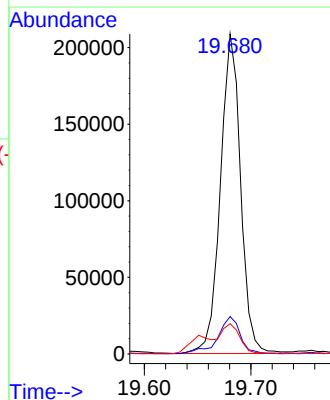
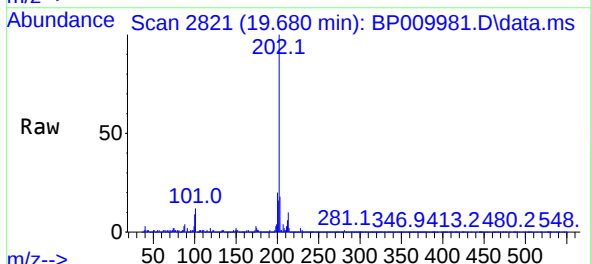
Instrument :  
BNA\_P  
ClientSampleId :  
BFFD5

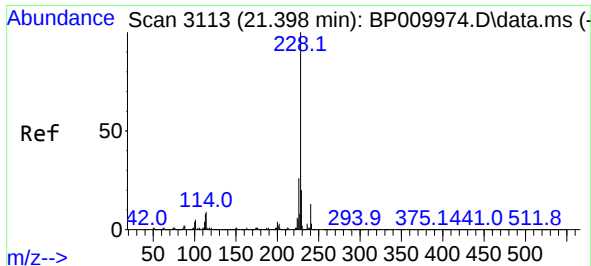
Tgt Ion:202 Resp: 230787  
Ion Ratio Lower Upper  
202 100  
101 9.8 9.6 14.4  
100 7.7 6.3 9.5



#82  
Pyrene  
Concen: 4.783 ng/ul  
RT: 19.680 min Scan# 2821  
Delta R.T. -0.006 min  
Lab File: BP009981.D  
Acq: 20 Apr 2022 17:50

Tgt Ion:202 Resp: 274177  
Ion Ratio Lower Upper  
202 100  
101 11.7 10.6 15.8  
100 9.4 9.8 14.6#

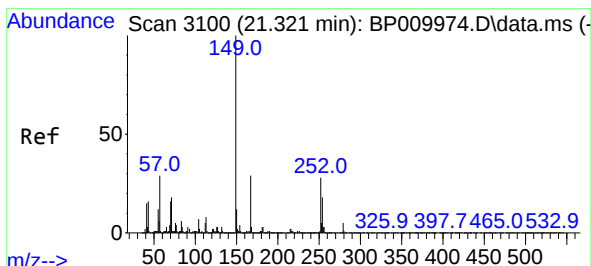
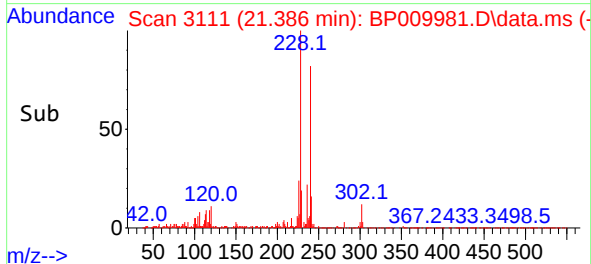
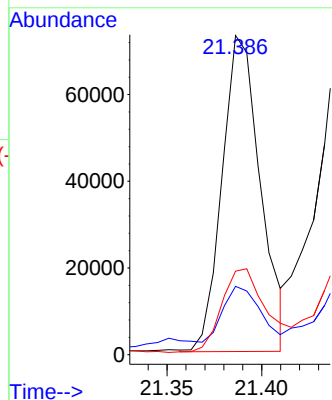
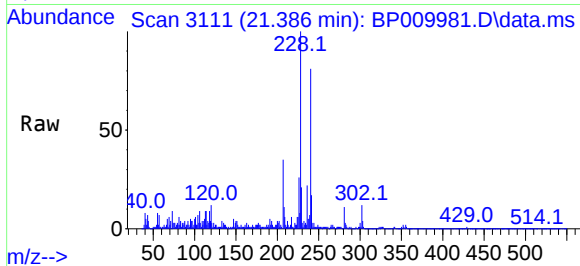




#85  
Benzo(a)anthracene  
Concen: 1.805 ng/ul  
RT: 21.386 min Scan# 3113  
Delta R.T. -0.012 min  
Lab File: BP009981.D  
Acq: 20 Apr 2022 17:50

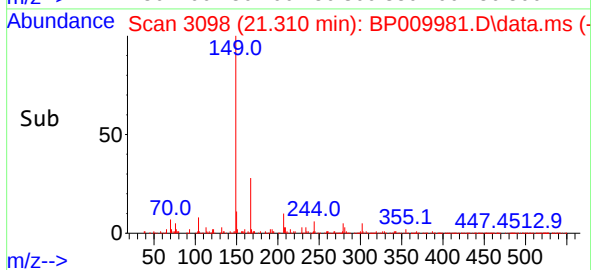
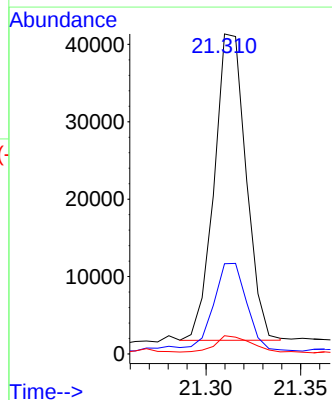
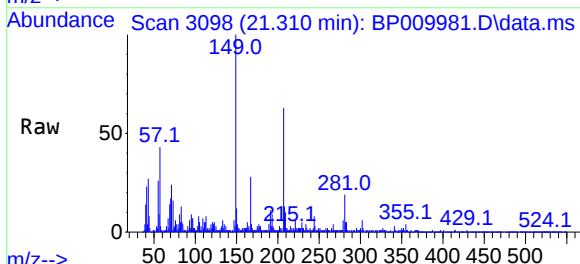
Instrument :  
BNA\_P  
ClientSampleId :  
BFFD5

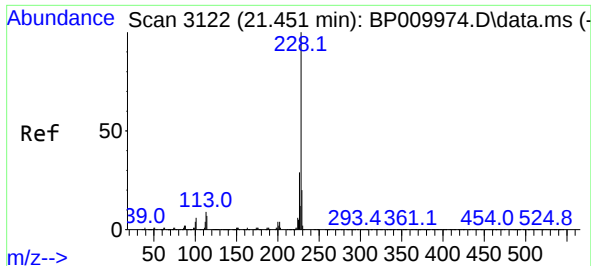
Tgt Ion:228 Resp: 102896  
Ion Ratio Lower Upper  
228 100  
229 21.4 18.2 27.2  
226 26.2 22.8 34.2



#86  
Bis(2-ethylhexyl)phthalate  
Concen: 1.308 ng/ul  
RT: 21.310 min Scan# 3098  
Delta R.T. -0.012 min  
Lab File: BP009981.D  
Acq: 20 Apr 2022 17:50

Tgt Ion:149 Resp: 46265  
Ion Ratio Lower Upper  
149 100  
167 28.2 32.8 49.2#  
279 5.7 5.6 8.4

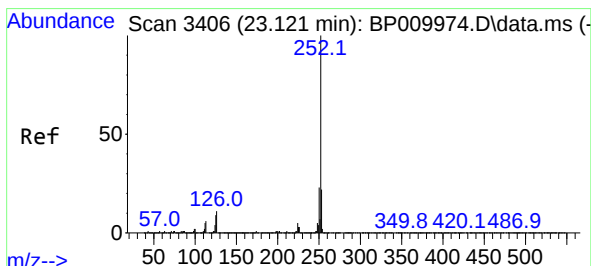
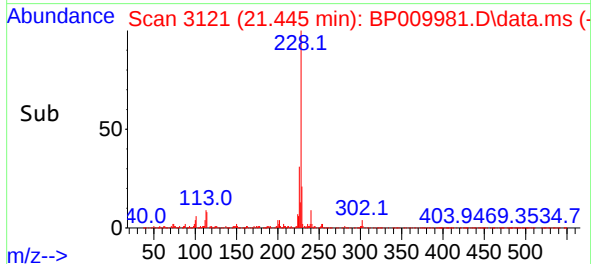
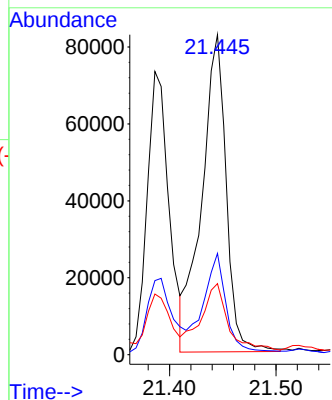
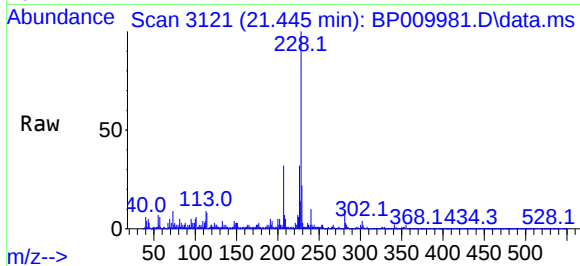




#87  
Chrysene  
Concen: 2.404 ng/ul  
RT: 21.445 min Scan# 3122  
Delta R.T. -0.006 min  
Lab File: BP009981.D  
Acq: 20 Apr 2022 17:50

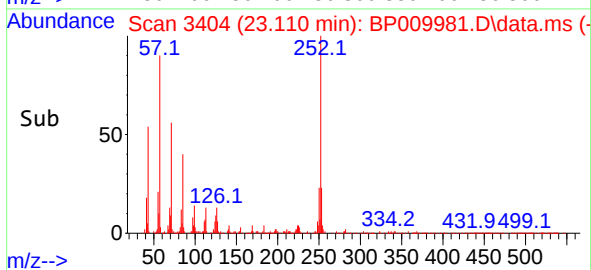
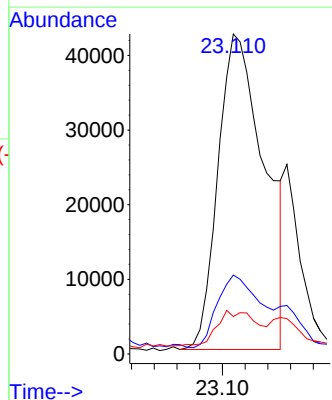
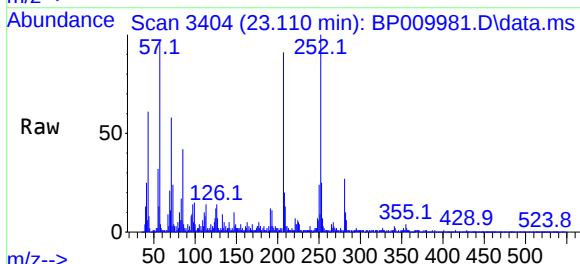
Instrument :  
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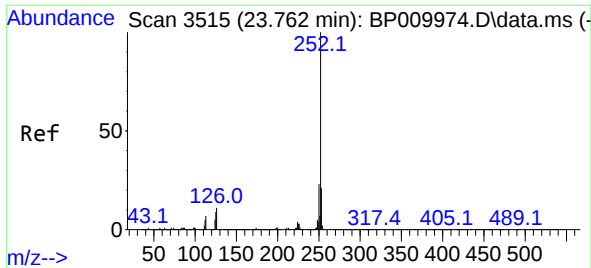
Tgt Ion:228 Resp: 132238  
Ion Ratio Lower Upper  
228 100  
226 31.7 22.7 34.1  
229 22.2 15.2 22.8



#90  
Benzo(b)fluoranthene  
Concen: 2.398 ng/ul  
RT: 23.110 min Scan# 3404  
Delta R.T. -0.012 min  
Lab File: BP009981.D  
Acq: 20 Apr 2022 17:50

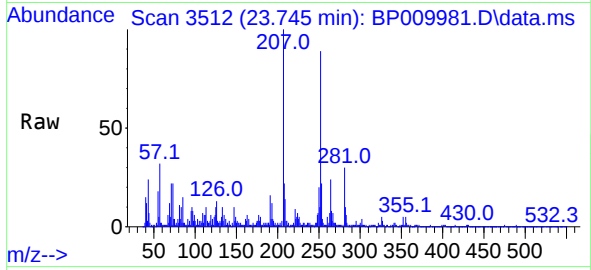
Tgt Ion:252 Resp: 119683  
Ion Ratio Lower Upper  
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253 24.7 17.4 26.0  
125 11.7 7.3 10.9#





#93  
Benzo(a)pyrene  
Concen: 1.580 ng/ul  
RT: 23.745 min Scan# 31  
Delta R.T. -0.018 min  
Lab File: BP009981.D  
Acq: 20 Apr 2022 17:50

Instrument :  
BNA\_P  
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Tgt Ion:252 Resp: 73094  
Ion Ratio Lower Upper  
252 100  
253 24.2 17.5 26.3  
125 11.7 6.4 9.6#

