

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP072421\  
 Data File : BP006305.D  
 Acq On : 24 Jul 2021 14:32  
 Operator : CG/JU  
 Sample : M2973-04  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BGEB2

Quant Time: Jul 26 00:58:18 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\SFAM-EPA-BP072421.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Jul 24 04:29:12 2021  
 Response via : Initial Calibration

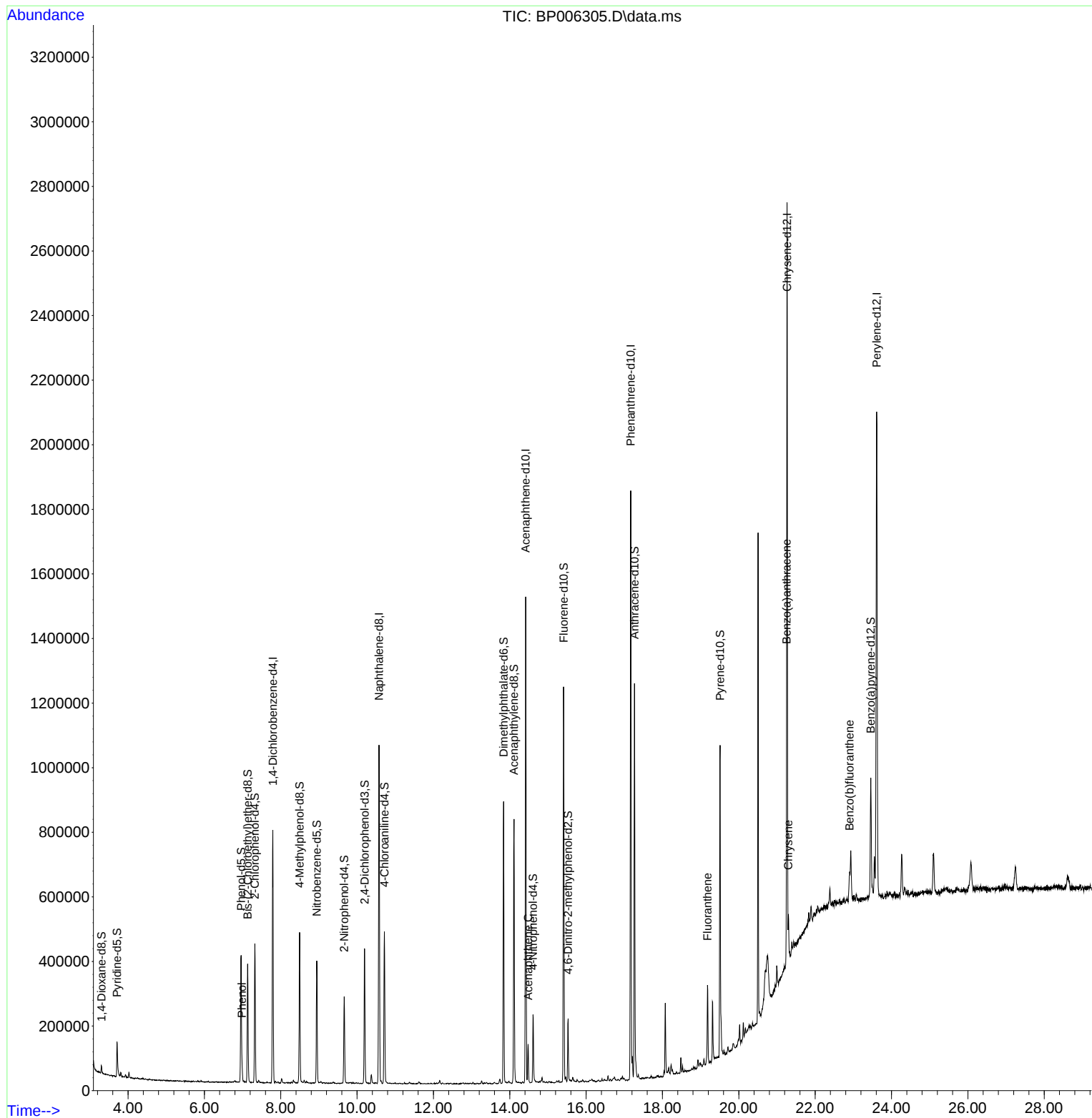
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.793  | 152  | 198910   | 20.000 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.575 | 136  | 827550   | 20.000 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.416 | 164  | 475372   | 20.000 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.169 | 188  | 964327   | 20.000 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.263 | 240  | 973593   | 20.000 | ng/ul  | 0.00     |
| 88) Perylene-d12              | 23.610 | 264  | 1010299  | 20.000 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.305  | 96   | 13421    | 2.519  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.711  | 84   | 69972    | 4.423  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.963  | 99   | 216625   | 11.596 | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.134  | 67   | 164498   | 14.152 | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.322  | 132  | 183927   | 13.252 | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.493  | 113  | 170172   | 11.583 | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.946  | 128  | 84262    | 13.675 | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.663  | 143  | 77778    | 13.220 | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.199 | 165  | 142092   | 12.324 | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.716 | 131  | 236475   | 12.458 | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.840 | 166  | 519091   | 15.343 | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.110 | 160  | 533828   | 12.843 | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.610 | 143  | 46234    | 6.882  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.410 | 176  | 438124   | 15.404 | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.528 | 200  | 36791    | 6.844  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.269 | 188  | 626579   | 14.394 | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.510 | 212  | 442987   | 8.846  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.457 | 264  | 235846   | 4.594  | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 8) Phenol                     | 6.987  | 94   | 23918    | 1.253  | ng/ul  | 93       |
| 52) Acenaphthene              | 14.481 | 153  | 44467    | 1.497  | ng/ul  | 98       |
| 80) Fluoranthene              | 19.180 | 202  | 128704   | 2.086  | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.251 | 228  | 83453    | 1.383  | ng/ul  | 95       |
| 87) Chrysene                  | 21.298 | 228  | 65330    | 1.130  | ng/ul  | 99       |
| 90) Benzo(b)fluoranthene      | 22.898 | 252  | 74708    | 1.164  | ng/ul# | 95       |
| -----                         |        |      |          |        |        |          |

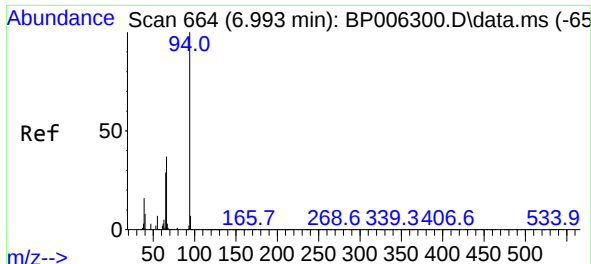
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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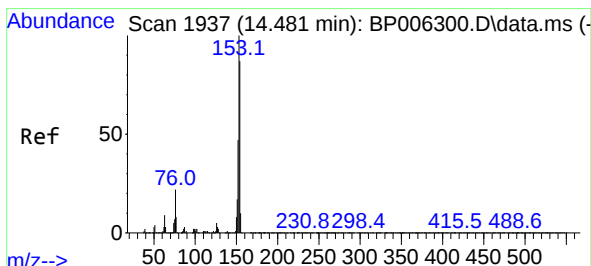
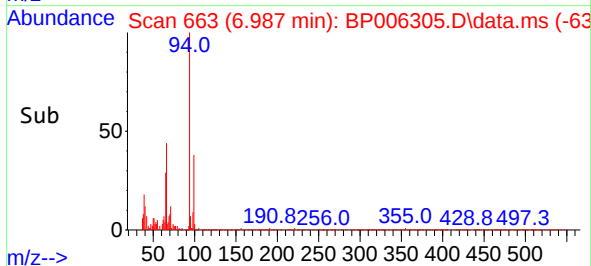
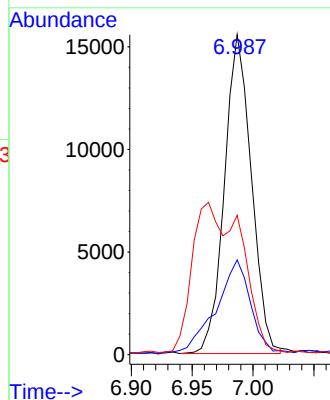
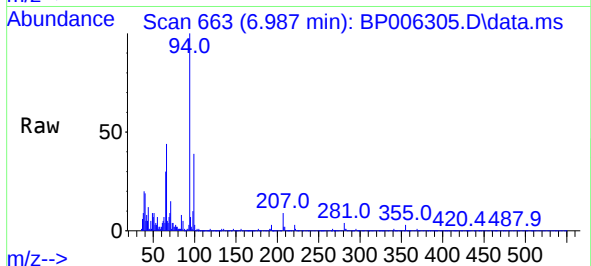




#8  
Phenol  
Concen: 1.253 ng/ul  
RT: 6.987 min Scan# 663  
Delta R.T. -0.006 min  
Lab File: BP006305.D  
Acq: 24 Jul 2021 14:32

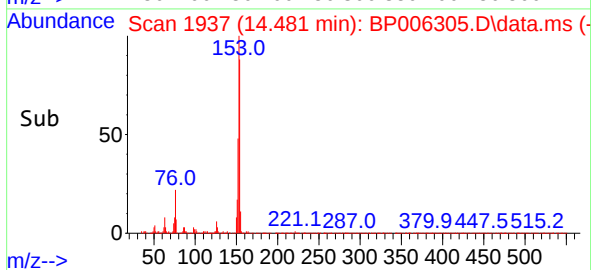
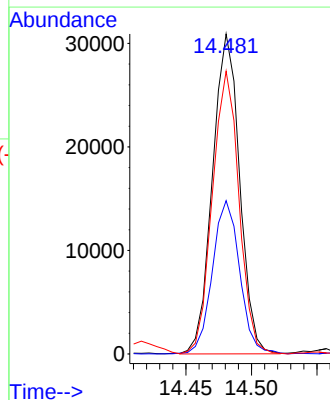
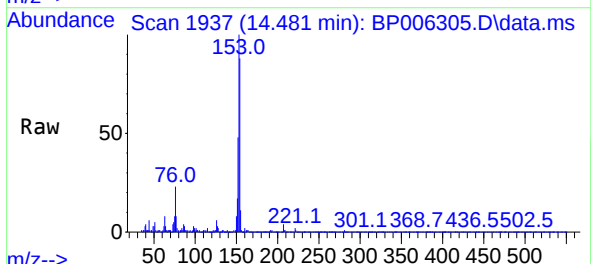
Instrument :  
BNA\_P  
ClientSampled :  
BGEB2

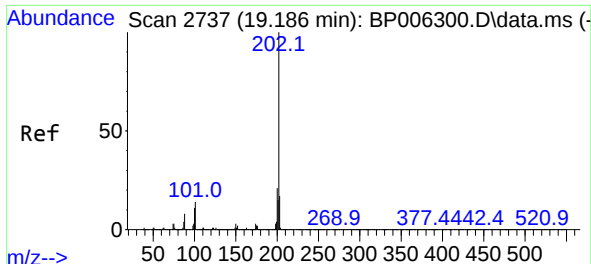
Tgt Ion: 94 Resp: 23918  
Ion Ratio Lower Upper  
94 100  
65 29.6 22.6 33.8  
66 43.5 29.5 44.3



#52  
Acenaphthene  
Concen: 1.497 ng/ul  
RT: 14.481 min Scan# 1937  
Delta R.T. -0.000 min  
Lab File: BP006305.D  
Acq: 24 Jul 2021 14:32

Tgt Ion: 153 Resp: 44467  
Ion Ratio Lower Upper  
153 100  
152 47.9 38.0 57.0  
154 88.4 69.0 103.6

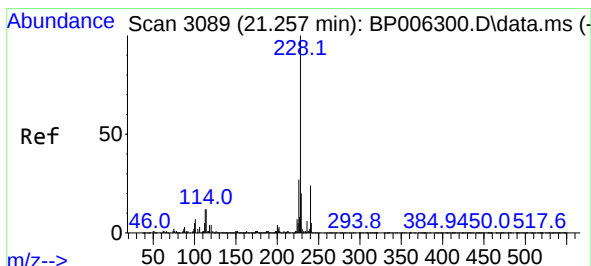
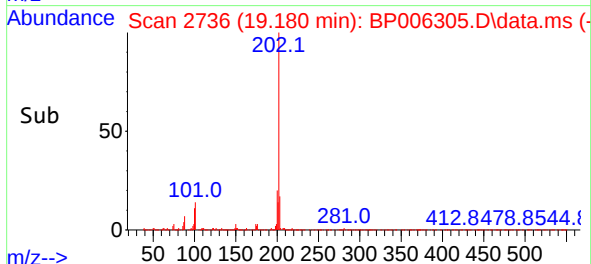
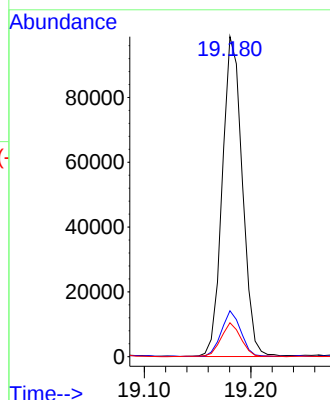
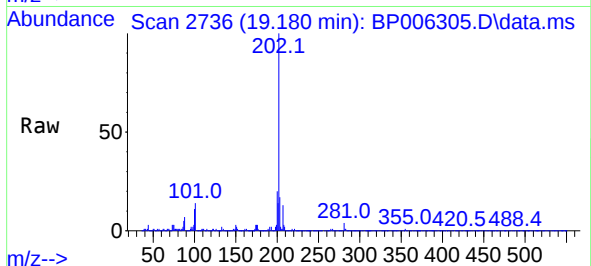




#80  
Fluoranthene  
Concen: 2.086 ng/ul  
RT: 19.180 min Scan# 2736  
Delta R.T. -0.006 min  
Lab File: BP006305.D  
Acq: 24 Jul 2021 14:32

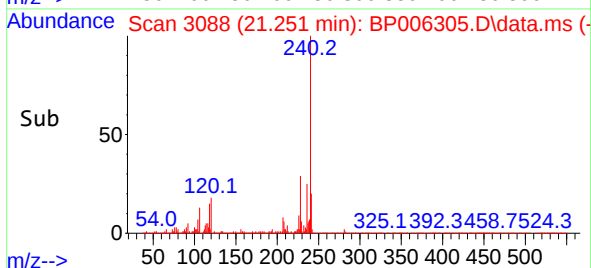
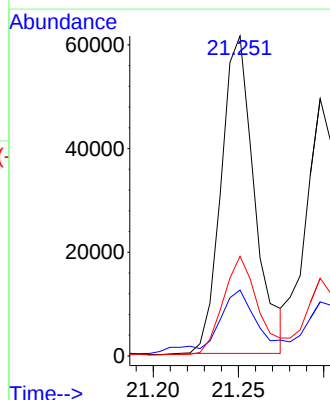
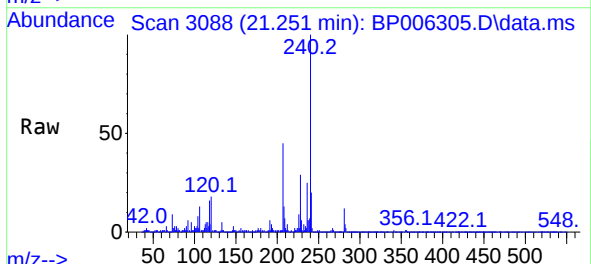
Instrument :  
BNA\_P  
ClientSampled :  
BGE2

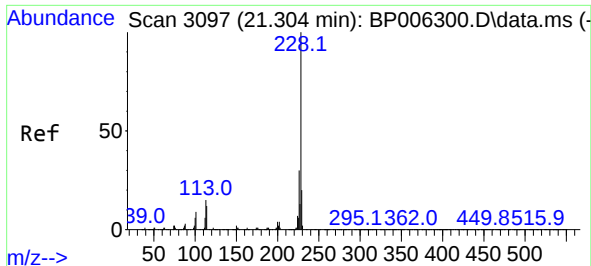
Tgt Ion:202 Resp: 128704  
Ion Ratio Lower Upper  
202 100  
101 14.4 11.0 16.6  
100 10.6 8.8 13.2



#85  
Benzo(a)anthracene  
Concen: 1.383 ng/ul  
RT: 21.251 min Scan# 3088  
Delta R.T. -0.000 min  
Lab File: BP006305.D  
Acq: 24 Jul 2021 14:32

Tgt Ion:228 Resp: 83453  
Ion Ratio Lower Upper  
228 100  
229 20.6 15.9 23.9  
226 31.1 21.6 32.4

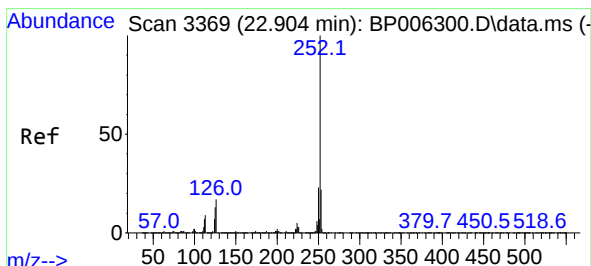
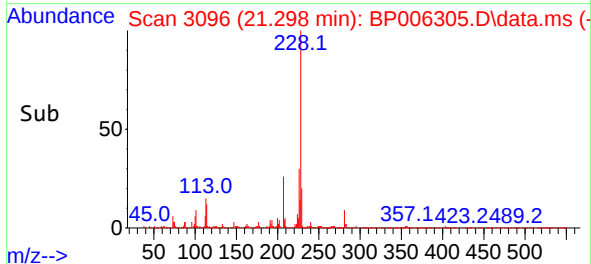
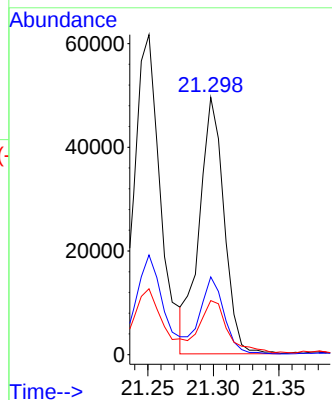
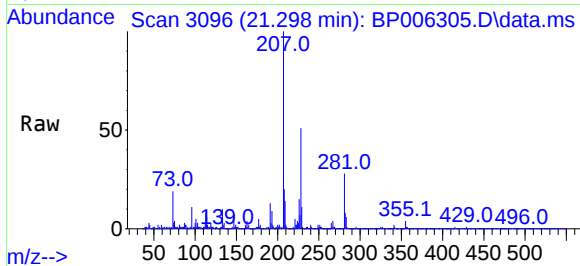




#87  
Chrysene  
Concen: 1.130 ng/ul  
RT: 21.298 min Scan# 3096  
Delta R.T. -0.006 min  
Lab File: BP006305.D  
Acq: 24 Jul 2021 14:32

Instrument :  
BNA\_P  
ClientSampled :  
BGEB2

|             |             |
|-------------|-------------|
| Tgt Ion:228 | Resp: 65330 |
| Ion Ratio   | Lower Upper |
| 228 100     |             |
| 226 30.2    | 24.1 36.1   |
| 229 21.0    | 15.8 23.6   |



#90  
Benzo(b)fluoranthene  
Concen: 1.164 ng/ul  
RT: 22.898 min Scan# 3368  
Delta R.T. 0.000 min  
Lab File: BP006305.D  
Acq: 24 Jul 2021 14:32

|             |             |
|-------------|-------------|
| Tgt Ion:252 | Resp: 74708 |
| Ion Ratio   | Lower Upper |
| 252 100     |             |
| 253 24.1    | 17.7 26.5   |
| 125 16.1    | 10.6 16.0#  |

