

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062421\  
 Data File : BP006066.D  
 Acq On : 24 Jun 2021 22:35  
 Operator : CG/JU  
 Sample : M2819-01  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 CL-02-062321

Manual Integrations  
 APPROVED

mohammad  
 6/25/2021 1:11:27 PM

6/25/2021 1:11:27 PM

Quant Time: Jun 25 01:12:50 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 22 17:52:38 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.910  | 152  | 74879    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.716 | 136  | 278848   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.539 | 164  | 169287   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.286 | 188  | 363148   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.363 | 240  | 422449   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 23.774 | 264  | 496259   | 20.000  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.487  | 112  | 504886   | 108.195 | ng    | 0.00     |
| 7) Phenol-d6                | 7.093  | 99   | 597941   | 98.860  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.075  | 82   | 371863   | 65.381  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.033 | 330  | 316320   | 108.885 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.169 | 172  | 841282   | 65.257  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.839 | 244  | 1466418  | 64.998  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| Target Compounds            |        |      |          |         |       | Qvalue   |
| 49) Acenaphthylene          | 14.263 | 152  | 123411   | 7.217   | ng    | 99       |
| 52) Acenaphthene            | 14.604 | 154  | 47163    | 4.542   | ng    | 99       |
| 55) Dibenzofuran            | 14.939 | 168  | 51720    | 3.029   | ng    | # 98     |
| 58) Fluorene                | 15.586 | 166  | 94979    | 7.138   | ng    | 98       |
| 71) Phenanthrene            | 17.333 | 178  | 1039224  | 47.652  | ng    | 99       |
| 72) Anthracene              | 17.422 | 178  | 375974   | 17.517  | ng    | 100      |
| 73) Carbazole               | 17.698 | 167  | 72332    | 3.510   | ng    | 99       |
| 75) Fluoranthene            | 19.298 | 202  | 2583375  | 97.542  | ng    | 98       |
| 78) Pyrene                  | 19.651 | 202  | 2264418  | 76.781  | ng    | 99       |
| 81) Benzo(a)anthracene      | 21.351 | 228  | 1486078  | 48.732  | ng    | 98       |
| 83) Chrysene                | 21.404 | 228  | 1168985  | 39.578  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene  | 26.309 | 276  | 1002890  | 23.632  | ng    | 97       |
| 88) Benzo(b)fluoranthene    | 23.039 | 252  | 1763804  | 51.893  | ng    | 97       |
| 89) Benzo(k)fluoranthene    | 23.080 | 252  | 685096m  | 20.786  | ng    |          |
| 90) Benzo(a)pyrene          | 23.668 | 252  | 1395413  | 43.668  | ng    | 97       |
| 91) Dibenzo(a,h)anthracene  | 26.309 | 278  | 262730   | 7.193   | ng    | # 82     |
| 92) Benzo(g,h,i)perylene    | 27.086 | 276  | 950625   | 26.346  | ng    | 96       |
| -----                       |        |      |          |         |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP062421\  
Data File : BP006066.D  
Acq On : 24 Jun 2021 22:35  
Operator : CG/JU  
Sample : M2819-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

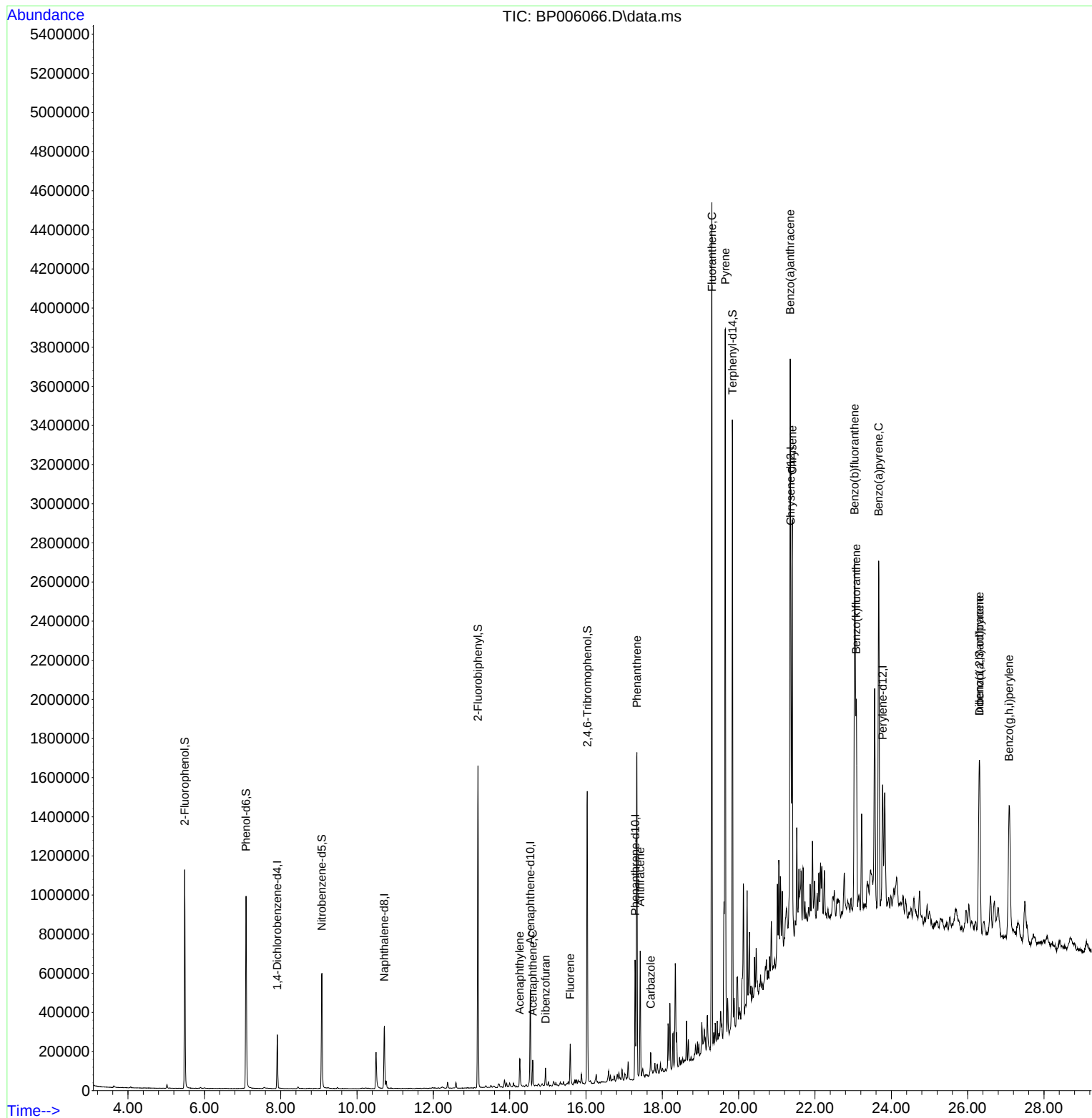
Instrument :  
BNA\_P  
ClientSampled :  
CL-02-062321

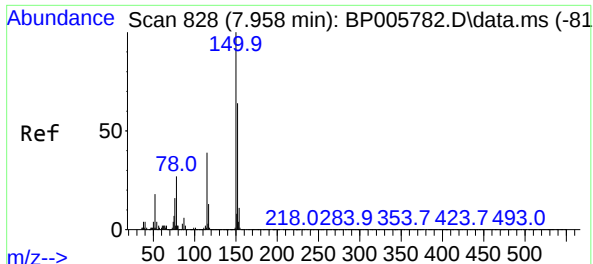
Manual Integrations  
APPROVED

mohammad  
6/25/2021 1:11:27 PM

Quant Time: Jun 25 01:12:50 2021  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jun 22 17:52:38 2021  
Response via : Initial Calibration

6/25/2021 1:11:27 PM





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.910 min Scan# 820  
Delta R.T. -0.012 min  
Lab File: BP006066.D  
Acq: 24 Jun 2021 22:35

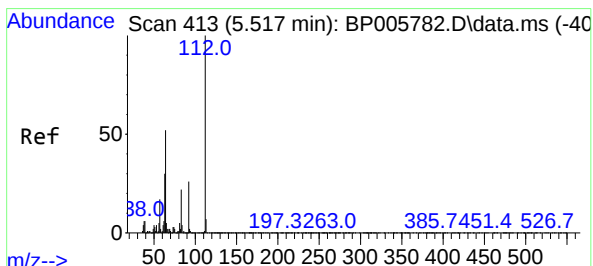
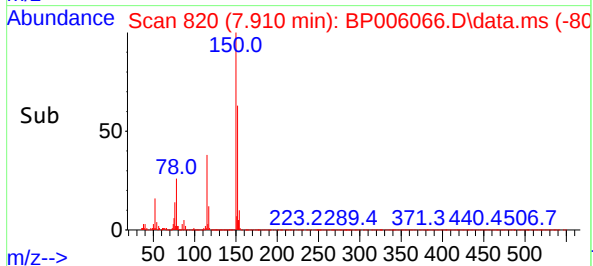
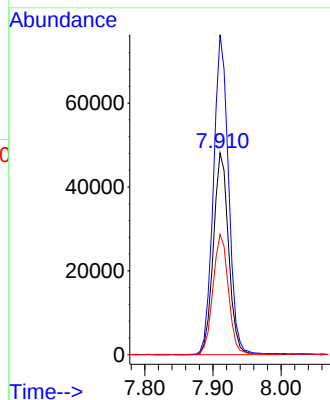
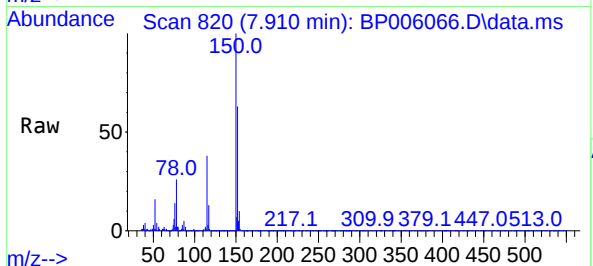
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 74879 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 150       | 158.6 | 125.6 | 188.4 |
| 115       | 59.7  | 48.5  | 72.7  |

Instrument :  
BNA\_P  
ClientSampleId :  
CL-02-062321

Manual Integrations  
APPROVED

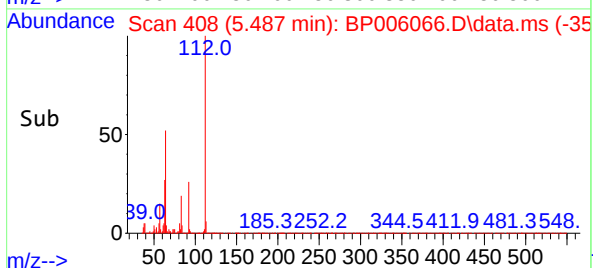
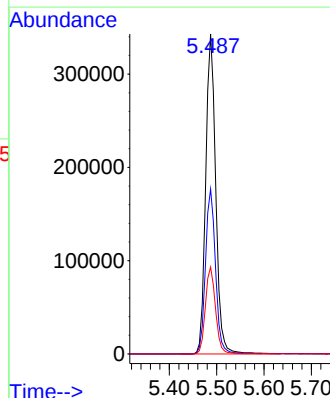
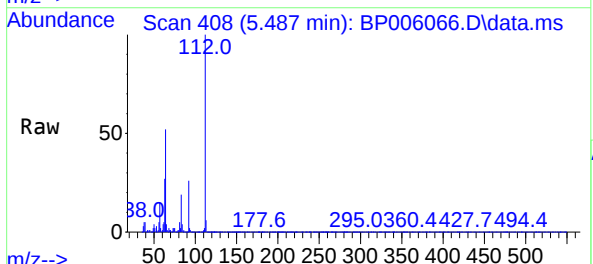
mohammad  
6/25/2021 1:11:27 PM

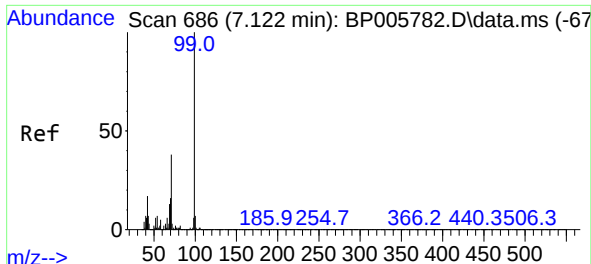
6/25/2021 1:11:27 PM



#5  
2-Fluorophenol  
Concen: 108.195 ng  
RT: 5.487 min Scan# 408  
Delta R.T. -0.000 min  
Lab File: BP006066.D  
Acq: 24 Jun 2021 22:35

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 504886 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 51.6  | 41.4  | 62.2   |
| 63        | 27.2  | 23.8  | 35.8   |





#7  
Phenol-d6  
Concen: 98.860 ng  
RT: 7.093 min Scan# 681  
Delta R.T. -0.000 min  
Lab File: BP006066.D  
Acq: 24 Jun 2021 22:35

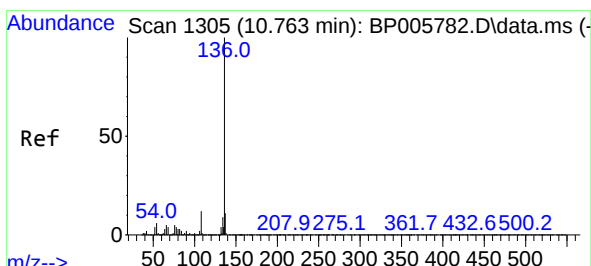
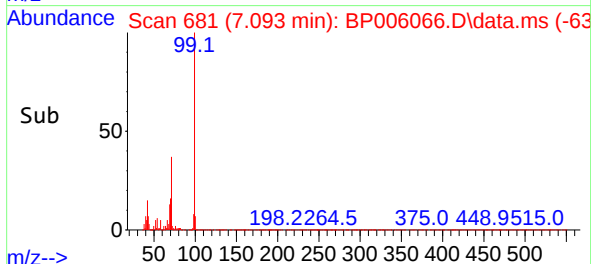
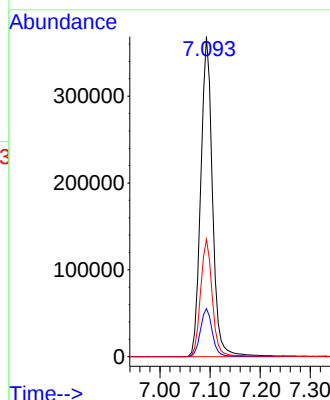
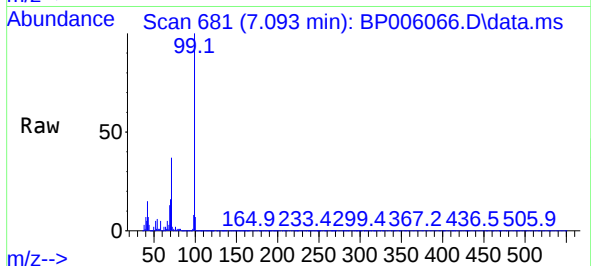
Tgt Ion: 99 Resp: 597941  
Ion Ratio Lower Upper  
99 100  
42 15.0 13.4 20.0  
71 36.7 30.6 46.0

Instrument :  
BNA\_P  
ClientSampleId :  
CL-02-062321

Manual Integrations  
APPROVED

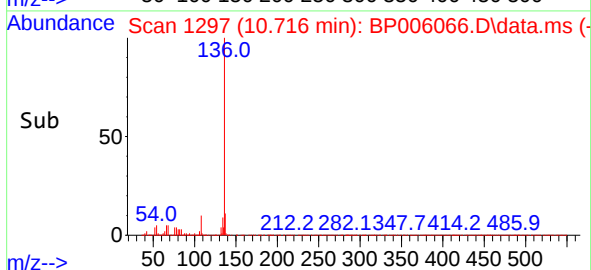
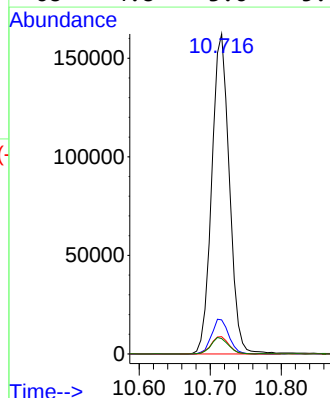
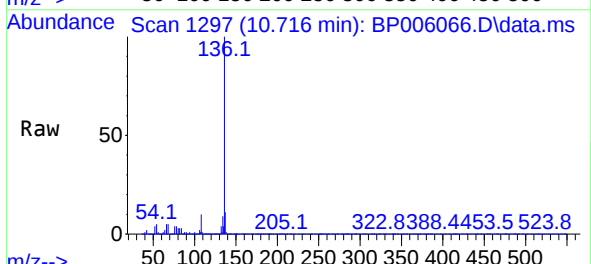
mohammad  
6/25/2021 1:11:27 PM

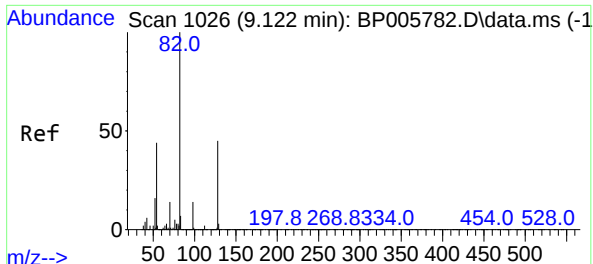
6/25/2021 1:11:27 PM



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.716 min Scan# 1297  
Delta R.T. -0.006 min  
Lab File: BP006066.D  
Acq: 24 Jun 2021 22:35

Tgt Ion: 136 Resp: 278848  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.6 12.8  
54 5.4 4.6 6.8  
68 4.8 3.6 5.4





#23  
Nitrobenzene-d5  
Concen: 65.381 ng  
RT: 9.075 min Scan# 1018  
Delta R.T. -0.012 min  
Lab File: BP006066.D  
Acq: 24 Jun 2021 22:35

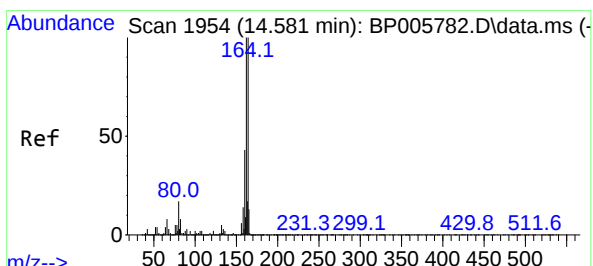
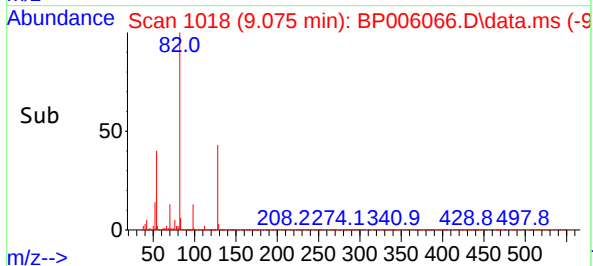
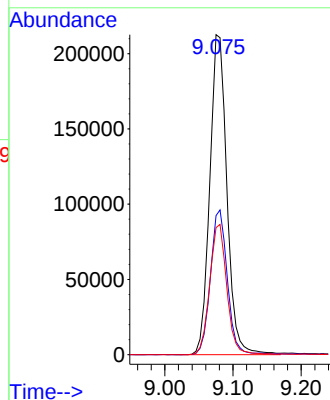
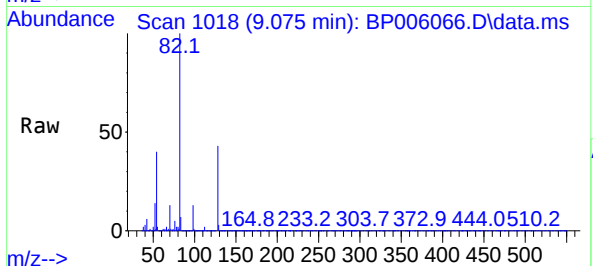
Tgt Ion: 82 Resp: 371863  
Ion Ratio Lower Upper  
82 100  
128 43.4 35.7 53.5  
54 39.7 35.0 52.4

Instrument :  
BNA\_P  
ClientSampleId :  
CL-02-062321

Manual Integrations  
APPROVED

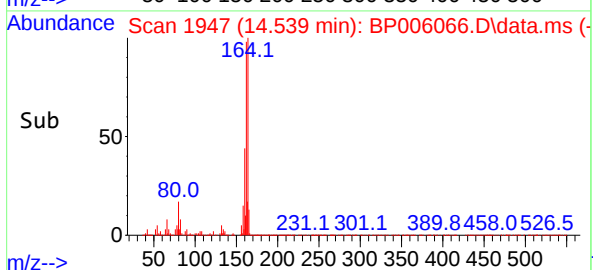
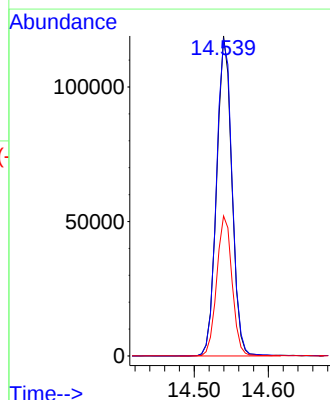
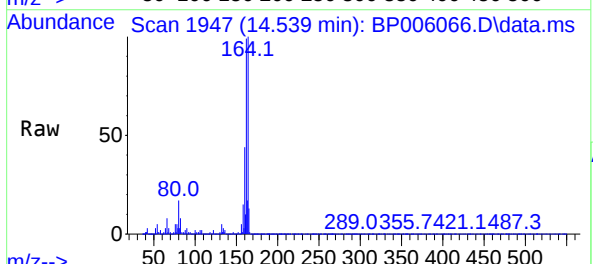
mohammad  
6/25/2021 1:11:27 PM

6/25/2021 1:11:27 PM



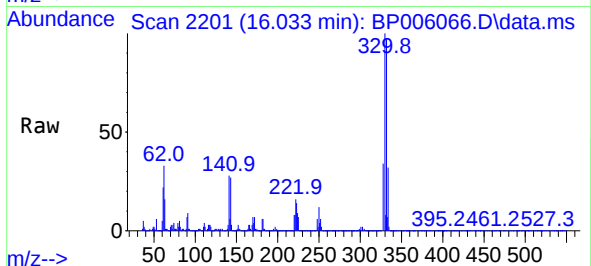
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.539 min Scan# 1947  
Delta R.T. -0.012 min  
Lab File: BP006066.D  
Acq: 24 Jun 2021 22:35

Tgt Ion: 164 Resp: 169287  
Ion Ratio Lower Upper  
164 100  
162 98.5 80.2 120.2  
160 43.8 34.5 51.7

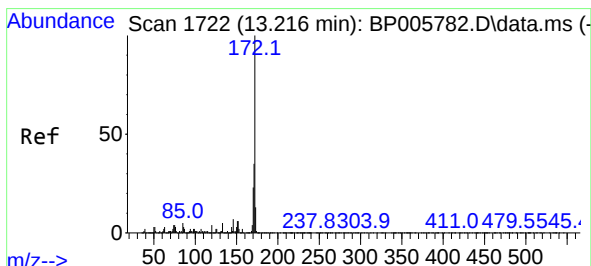
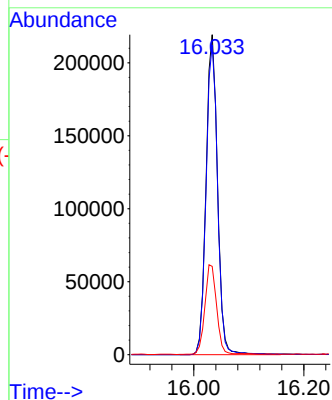
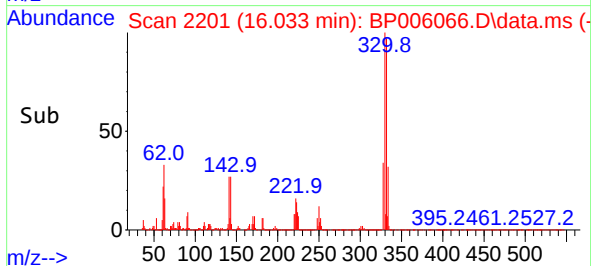




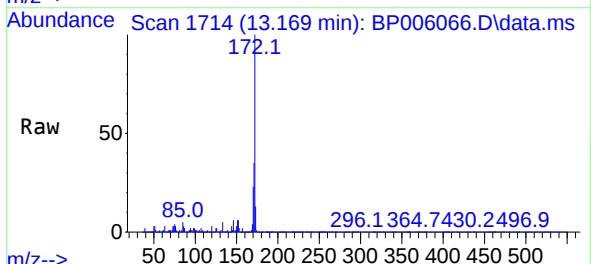
#42  
2,4,6-Tribromophenol  
Concen: 108.885 ng  
RT: 16.033 min Scan# 2201  
Delta R.T. -0.006 min  
Lab File: BP006066.D  
Acq: 24 Jun 2021 22:35



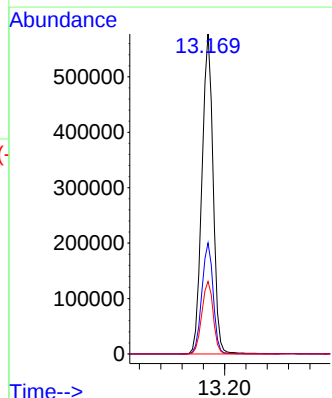
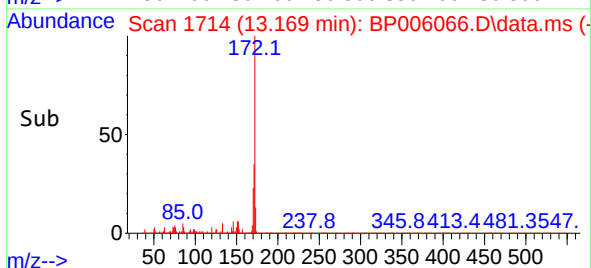
Tgt Ion: 330 Resp: 316320  
Ion Ratio Lower Upper  
330 100  
332 97.5 77.8 116.8  
141 28.6 25.4 38.2



#45  
2-Fluorobiphenyl  
Concen: 65.257 ng  
RT: 13.169 min Scan# 1714  
Delta R.T. -0.006 min  
Lab File: BP006066.D  
Acq: 24 Jun 2021 22:35



Tgt Ion: 172 Resp: 841282  
Ion Ratio Lower Upper  
172 100  
171 34.7 27.9 41.9  
170 22.6 18.6 27.8

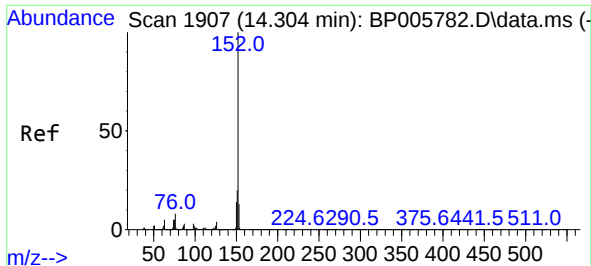


Instrument :  
BNA\_P  
ClientSampleId :  
CL-02-062321

Manual Integrations  
APPROVED

mohammad  
6/25/2021 1:11:27 PM

6/25/2021 1:11:27 PM



#49  
Acenaphthylene  
Concen: 7.217 ng  
RT: 14.263 min Scan# 1900  
Delta R.T. -0.012 min  
Lab File: BP006066.D  
Acq: 24 Jun 2021 22:35

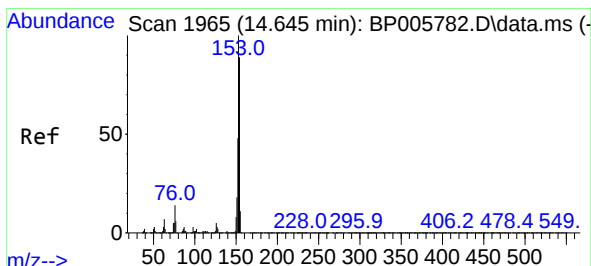
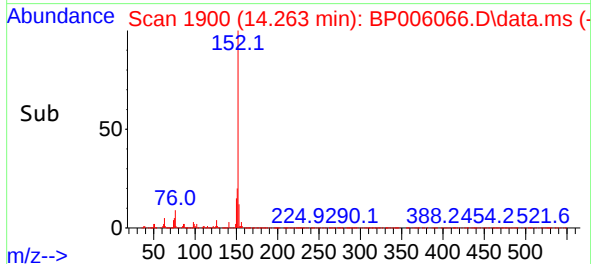
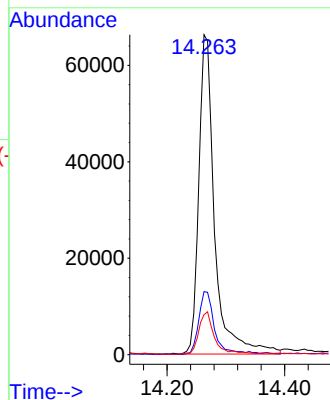
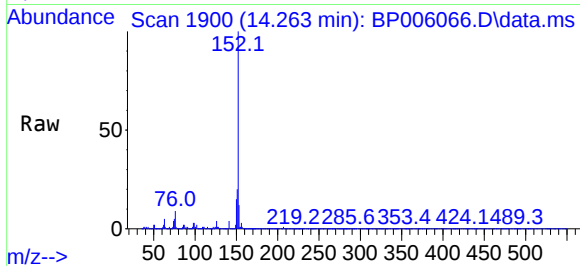
Tgt Ion:152 Resp: 123411  
Ion Ratio Lower Upper  
152 100  
151 19.7 16.2 24.2  
153 12.5 10.6 16.0

Instrument :  
BNA\_P  
ClientSampleId :  
CL-02-062321

Manual Integrations  
APPROVED

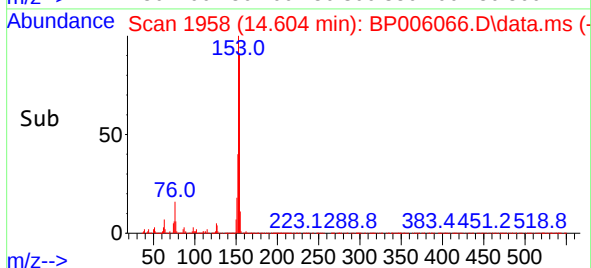
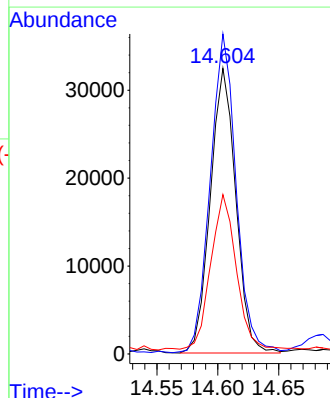
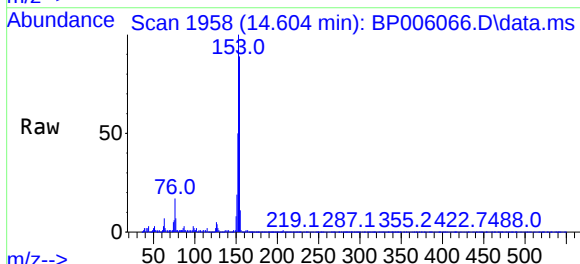
mohammad  
6/25/2021 1:11:27 PM

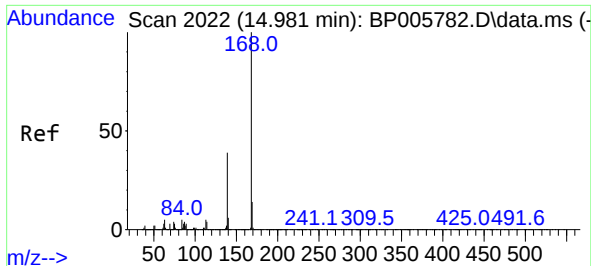
6/25/2021 1:11:27 PM



#52  
Acenaphthene  
Concen: 4.542 ng  
RT: 14.604 min Scan# 1958  
Delta R.T. -0.012 min  
Lab File: BP006066.D  
Acq: 24 Jun 2021 22:35

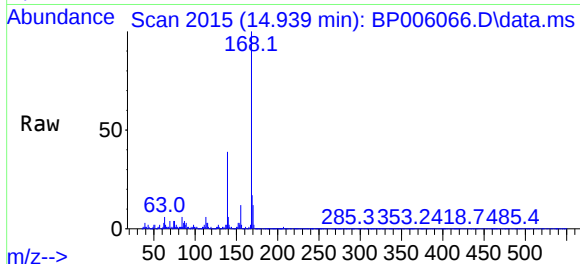
Tgt Ion:154 Resp: 47163  
Ion Ratio Lower Upper  
154 100  
153 112.0 89.4 134.2  
152 55.8 43.0 64.4





#55  
Dibenzenofuran  
Concen: 3.029 ng  
RT: 14.939 min Scan# 2015  
Delta R.T. -0.006 min  
Lab File: BP006066.D  
Acq: 24 Jun 2021 22:35

Instrument :  
BNA\_P  
ClientSampleId :  
CL-02-062321

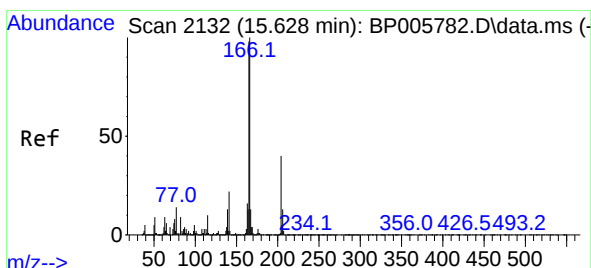
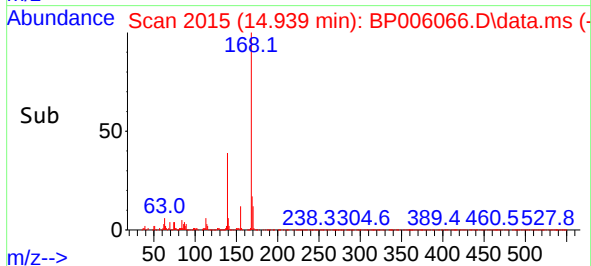
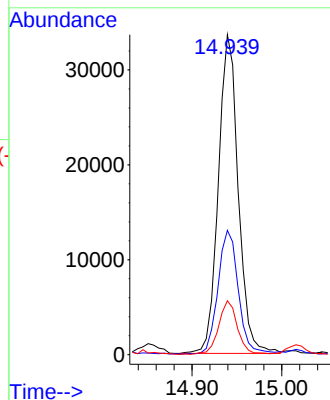


Tgt Ion:168 Resp: 51720  
Ion Ratio Lower Upper  
168 100  
139 38.9 31.0 46.6  
169 16.9 10.8 16.2#

Manual Integrations  
APPROVED

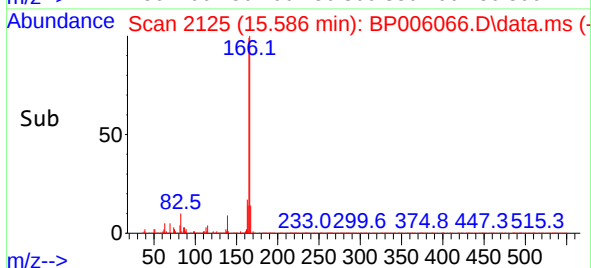
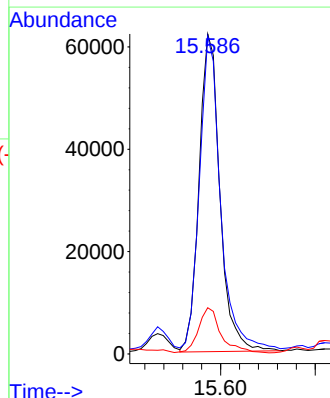
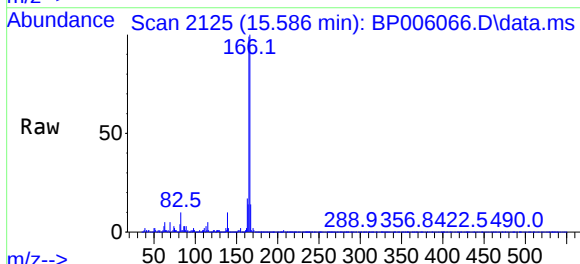
mohammad  
6/25/2021 1:11:27 PM

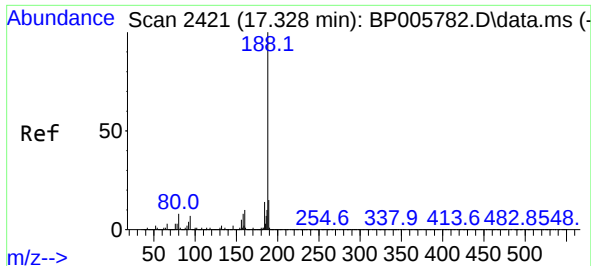
6/25/2021 1:11:27 PM



#58  
Fluorene  
Concen: 7.138 ng  
RT: 15.586 min Scan# 2125  
Delta R.T. -0.012 min  
Lab File: BP006066.D  
Acq: 24 Jun 2021 22:35

Tgt Ion:166 Resp: 94979  
Ion Ratio Lower Upper  
166 100  
165 99.3 78.0 117.0  
167 14.4 10.5 15.7





#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.286 min Scan# 2414  
Delta R.T. -0.006 min  
Lab File: BP006066.D  
Acq: 24 Jun 2021 22:35

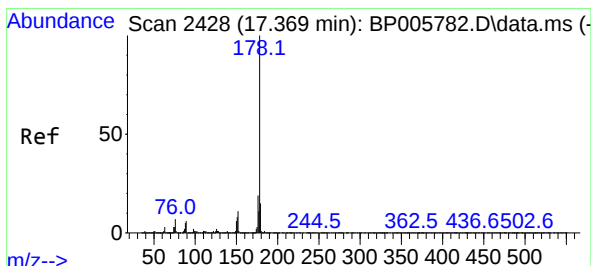
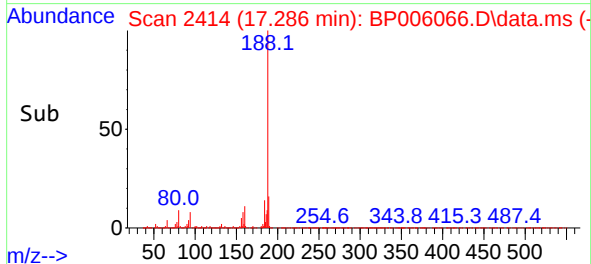
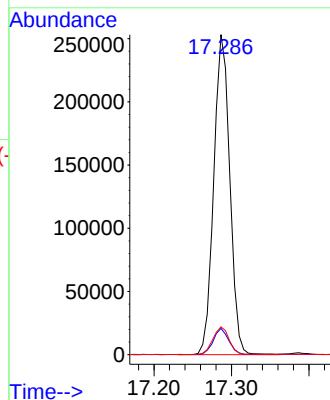
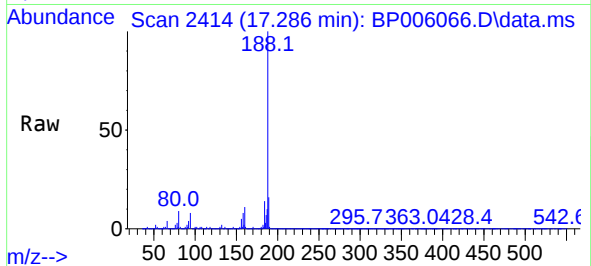
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 363148 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 8.2   | 5.6   | 8.4    |
| 80        | 8.7   | 6.3   | 9.5    |

Instrument :  
BNA\_P  
ClientSampleId :  
CL-02-062321

Manual Integrations  
APPROVED

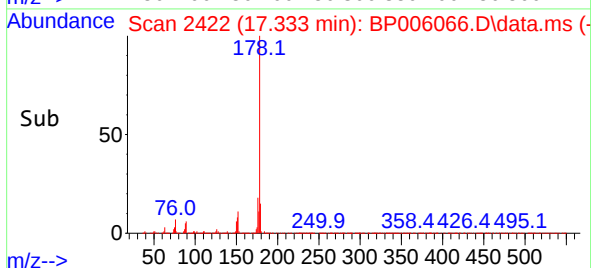
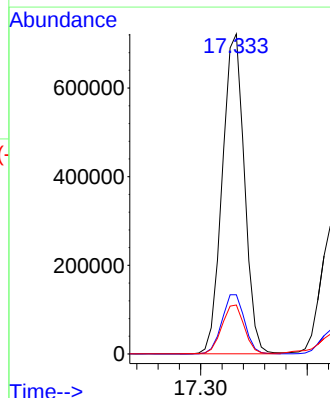
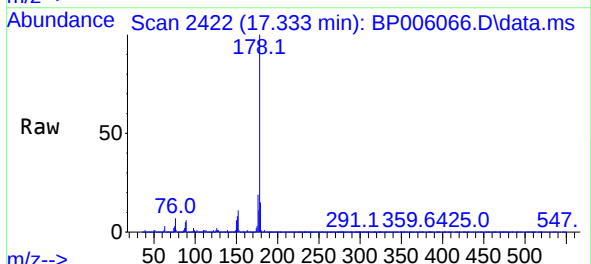
mohammad  
6/25/2021 1:11:27 PM

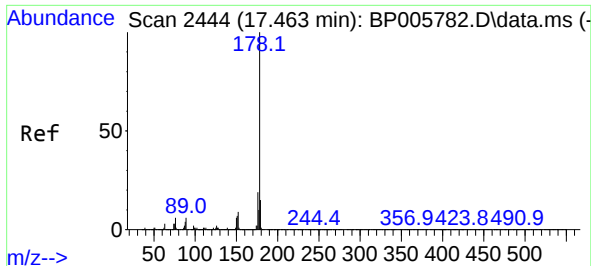
6/25/2021 1:11:27 PM



#71  
Phenanthrene  
Concen: 47.652 ng  
RT: 17.333 min Scan# 2422  
Delta R.T. -0.006 min  
Lab File: BP006066.D  
Acq: 24 Jun 2021 22:35

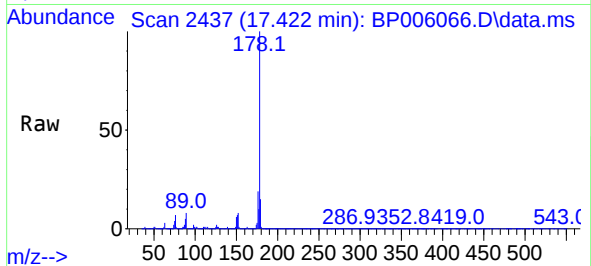
|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 178   | Resp: | 1039224 |
| Ion Ratio | Lower | Upper |         |
| 178       | 100   |       |         |
| 176       | 18.5  | 15.1  | 22.7    |
| 179       | 15.3  | 12.4  | 18.6    |





#72  
 Anthracene  
 Concen: 17.517 ng  
 RT: 17.422 min Scan# 2437  
 Delta R.T. -0.012 min  
 Lab File: BP006066.D  
 Acq: 24 Jun 2021 22:35

Instrument :  
 BNA\_P  
 ClientSampleId :  
 CL-02-062321

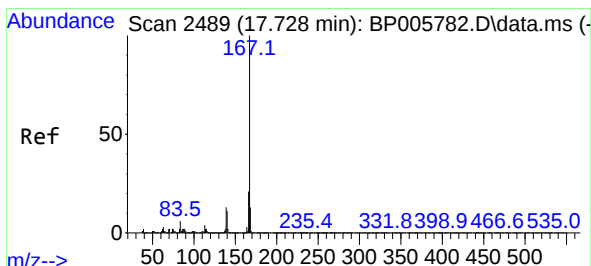
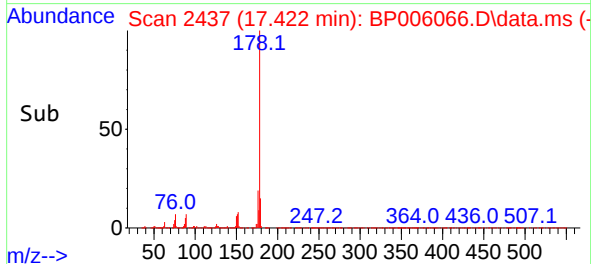
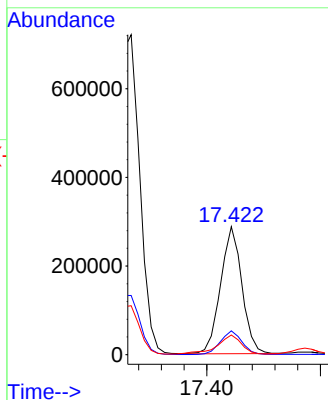


Tgt Ion:178 Resp: 375974  
 Ion Ratio Lower Upper  
 178 100  
 176 18.7 14.9 22.3  
 179 15.4 12.2 18.2

Manual Integrations  
 APPROVED

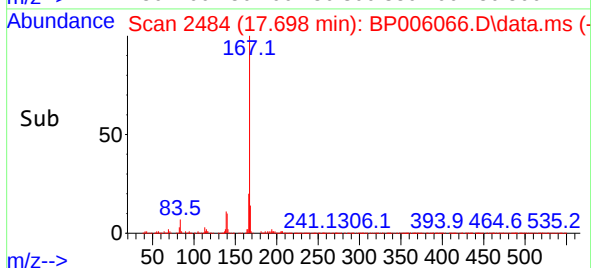
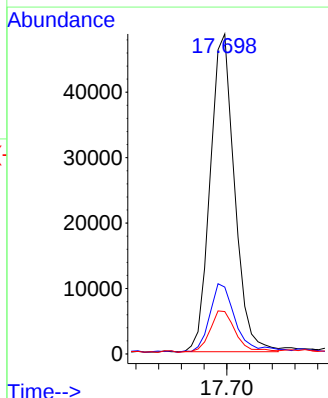
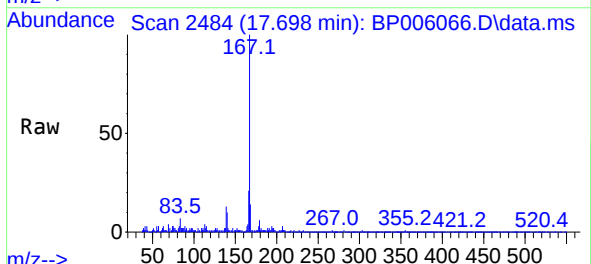
mohammad  
 6/25/2021 1:11:27 PM

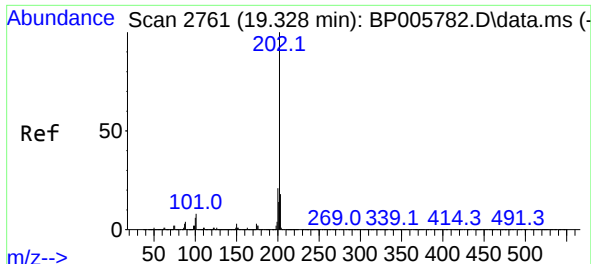
6/25/2021 1:11:27 PM



#73  
 Carbazole  
 Concen: 3.510 ng  
 RT: 17.698 min Scan# 2484  
 Delta R.T. -0.006 min  
 Lab File: BP006066.D  
 Acq: 24 Jun 2021 22:35

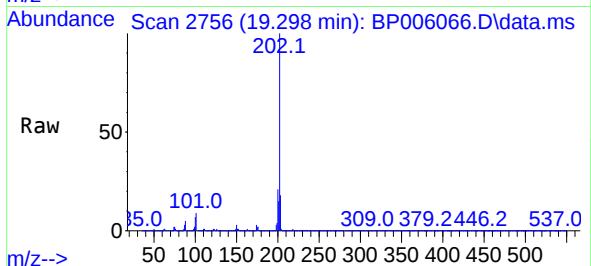
Tgt Ion:167 Resp: 72332  
 Ion Ratio Lower Upper  
 167 100  
 166 20.9 17.1 25.7  
 139 13.3 10.7 16.1





#75  
Fluoranthene  
Concen: 97.542 ng  
RT: 19.298 min Scan# 2756  
Delta R.T. -0.000 min  
Lab File: BP006066.D  
Acq: 24 Jun 2021 22:35

Instrument :  
BNA\_P  
ClientSampleId :  
CL-02-062321

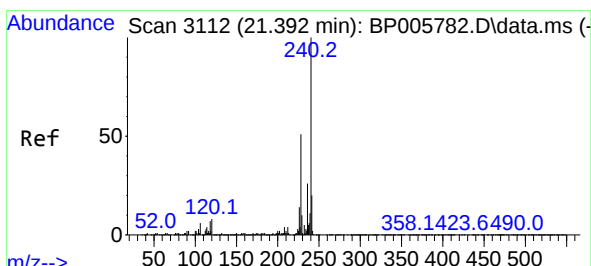
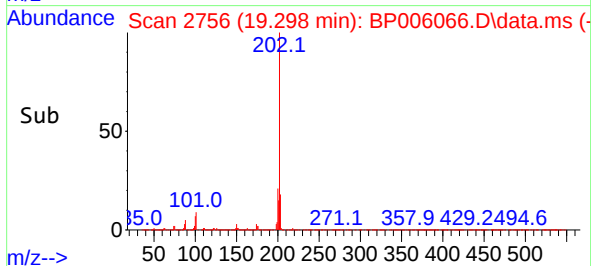
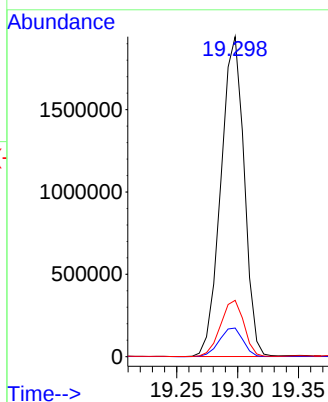


Tgt Ion:202 Resp: 2583375  
Ion Ratio Lower Upper  
202 100  
101 9.0 0.0 27.6  
203 17.6 0.0 37.8

Manual Integrations  
APPROVED

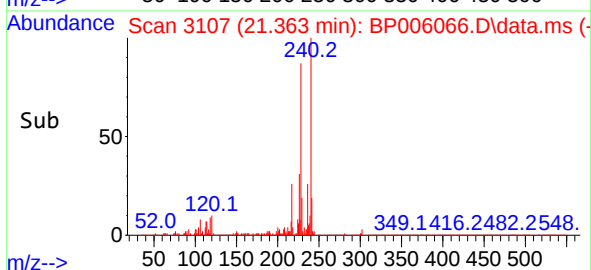
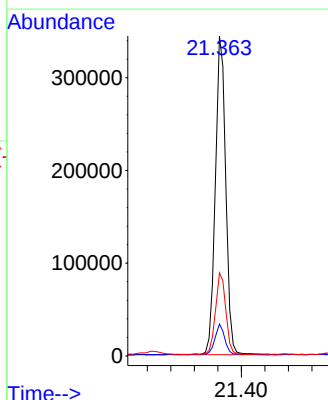
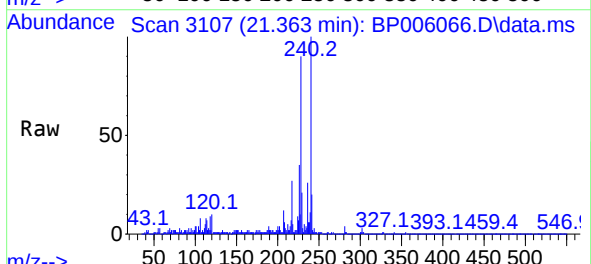
mohammad  
6/25/2021 1:11:27 PM

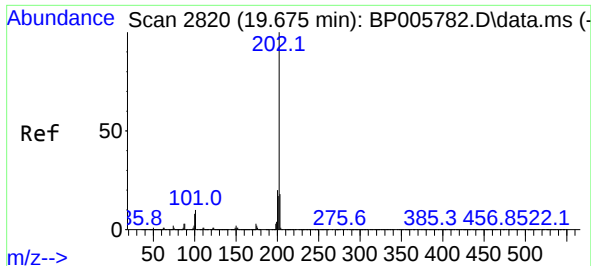
6/25/2021 1:11:27 PM



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.363 min Scan# 3107  
Delta R.T. -0.006 min  
Lab File: BP006066.D  
Acq: 24 Jun 2021 22:35

Tgt Ion:240 Resp: 422449  
Ion Ratio Lower Upper  
240 100  
120 10.0 6.5 9.7#  
236 26.0 20.6 31.0





#78  
 Pyrene  
 Concen: 76.781 ng  
 RT: 19.651 min Scan# 2816  
 Delta R.T. -0.000 min  
 Lab File: BP006066.D  
 Acq: 24 Jun 2021 22:35

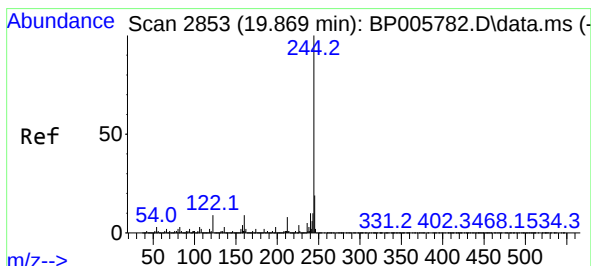
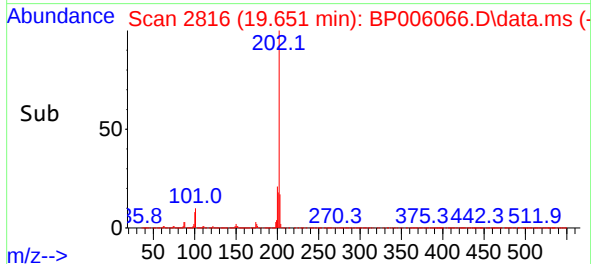
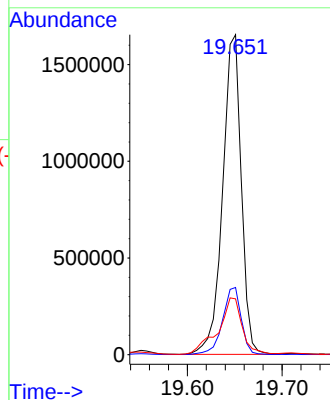
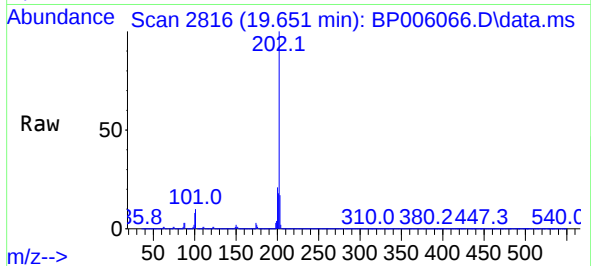
Tgt Ion:202 Resp: 2264418  
 Ion Ratio Lower Upper  
 202 100  
 200 21.0 16.3 24.5  
 203 17.4 14.2 21.2

Instrument :  
 BNA\_P  
 ClientSampleId :  
 CL-02-062321

Manual Integrations  
 APPROVED

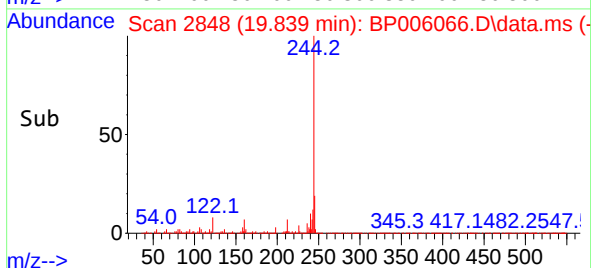
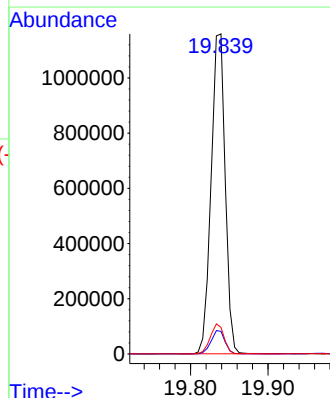
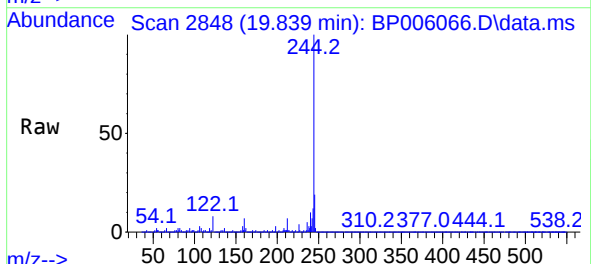
mohammad  
 6/25/2021 1:11:27 PM

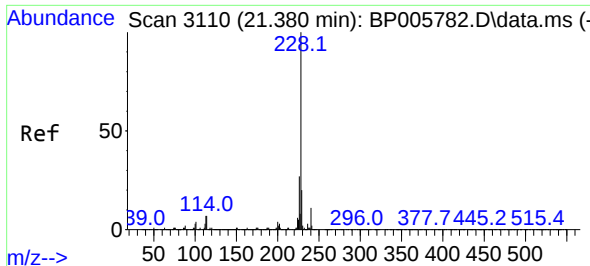
6/25/2021 1:11:27 PM



#79  
 Terphenyl-d14  
 Concen: 64.998 ng  
 RT: 19.839 min Scan# 2848  
 Delta R.T. -0.006 min  
 Lab File: BP006066.D  
 Acq: 24 Jun 2021 22:35

Tgt Ion:244 Resp: 1466418  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 6.0 9.0  
 122 8.3 7.1 10.7





#81  
Benzo(a)anthracene  
Concen: 48.732 ng  
RT: 21.351 min Scan# 3105  
Delta R.T. -0.000 min  
Lab File: BP006066.D  
Acq: 24 Jun 2021 22:35

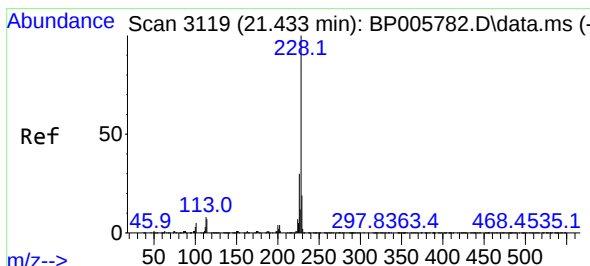
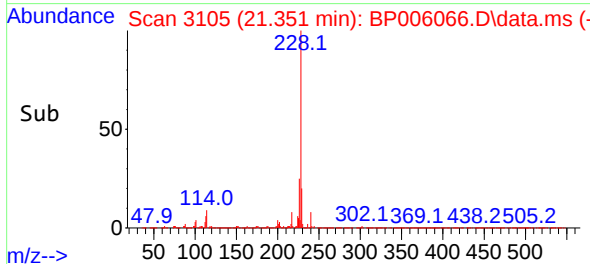
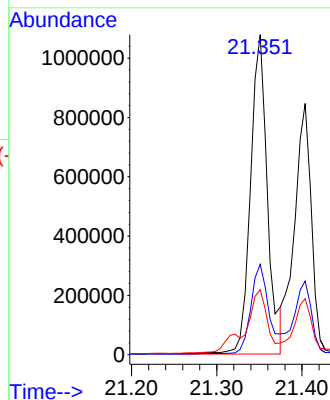
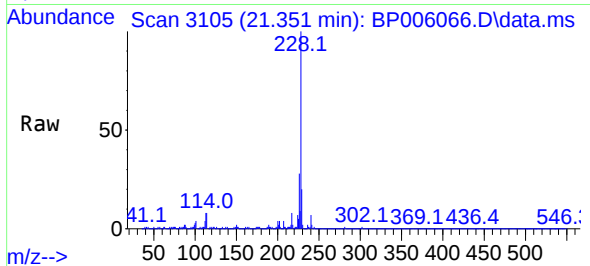
Tgt Ion:228 Resp: 1486078  
Ion Ratio Lower Upper  
228 100  
226 28.3 21.6 32.4  
229 20.3 15.8 23.6

Instrument :  
BNA\_P  
ClientSampleId :  
CL-02-062321

Manual Integrations  
APPROVED

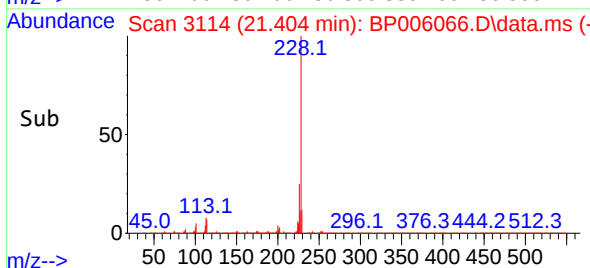
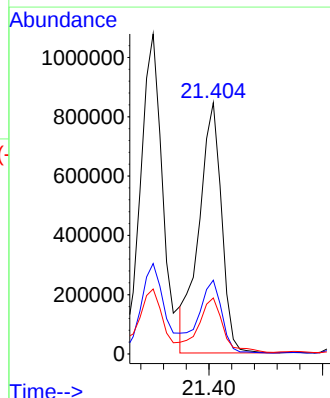
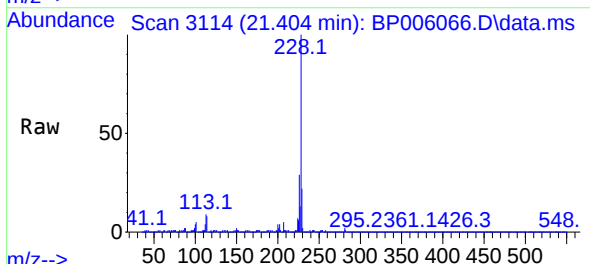
mohammad  
6/25/2021 1:11:27 PM

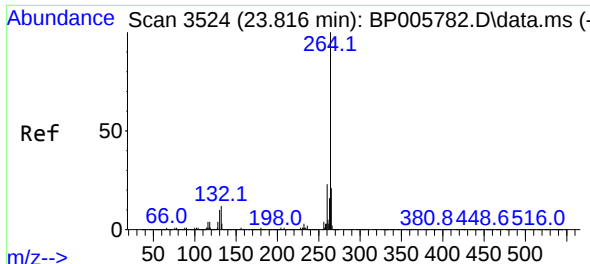
6/25/2021 1:11:27 PM



#83  
Chrysene  
Concen: 39.578 ng  
RT: 21.404 min Scan# 3114  
Delta R.T. -0.000 min  
Lab File: BP006066.D  
Acq: 24 Jun 2021 22:35

Tgt Ion:228 Resp: 1168985  
Ion Ratio Lower Upper  
228 100  
226 29.4 23.8 35.6  
229 22.3 15.4 23.2





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.774 min Scan# 3517  
Delta R.T. -0.000 min  
Lab File: BP006066.D  
Acq: 24 Jun 2021 22:35

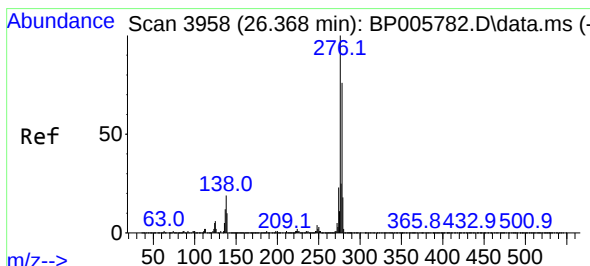
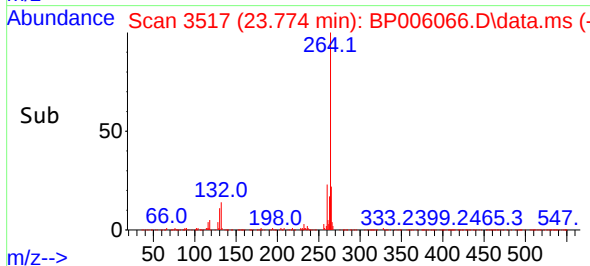
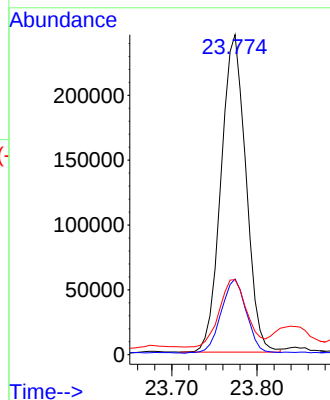
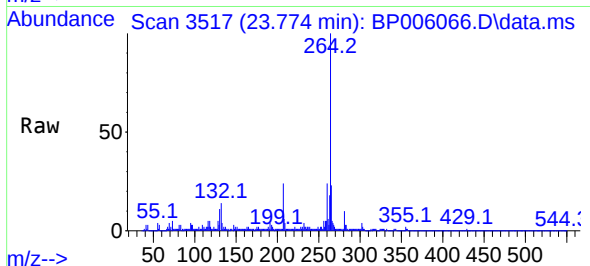
Tgt Ion: 264 Resp: 496259  
Ion Ratio Lower Upper  
264 100  
260 23.7 18.6 28.0  
265 23.5 17.6 26.4

Instrument :  
BNA\_P  
ClientSampled :  
CL-02-062321

Manual Integrations  
APPROVED

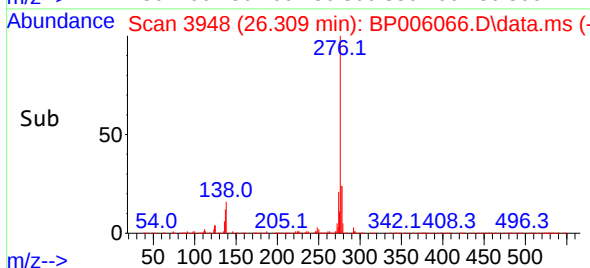
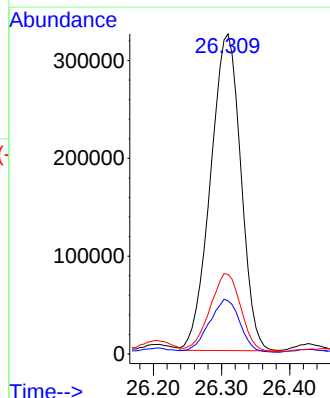
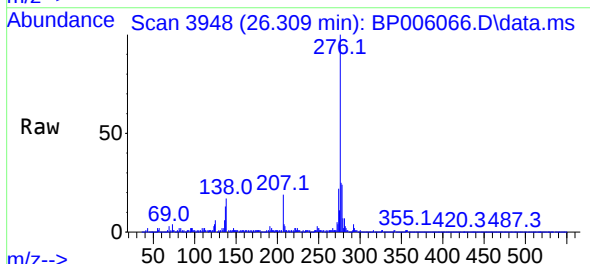
mohammad  
6/25/2021 1:11:27 PM

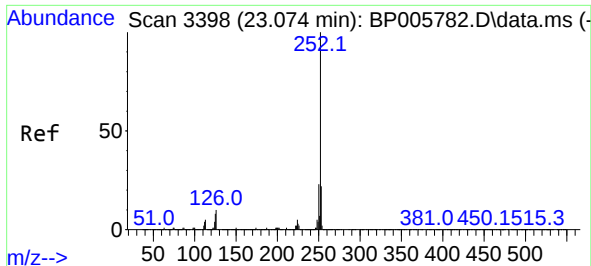
6/25/2021 1:11:27 PM



#87  
Indeno(1,2,3-cd)pyrene  
Concen: 23.632 ng  
RT: 26.309 min Scan# 3948  
Delta R.T. -0.000 min  
Lab File: BP006066.D  
Acq: 24 Jun 2021 22:35

Tgt Ion: 276 Resp: 1002890  
Ion Ratio Lower Upper  
276 100  
138 16.8 15.3 22.9  
277 25.0 20.4 30.6





#88  
Benzo(b)fluoranthene  
Concen: 51.893 ng  
RT: 23.039 min Scan# 3392  
Delta R.T. -0.000 min  
Lab File: BP006066.D  
Acq: 24 Jun 2021 22:35

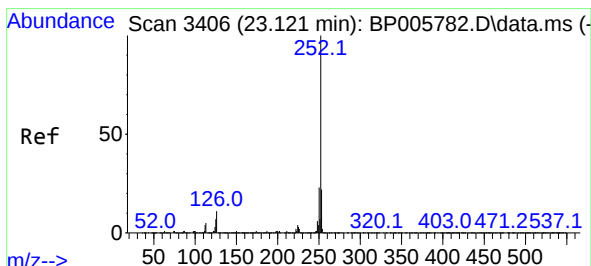
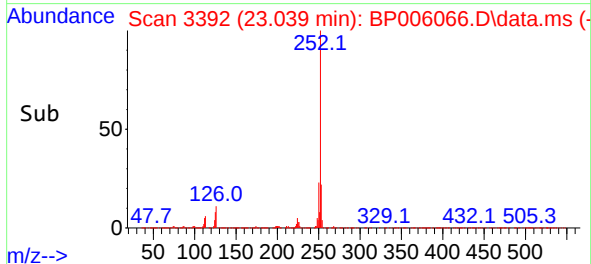
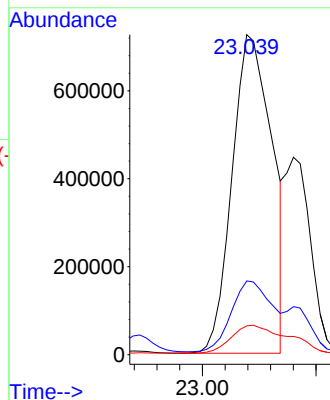
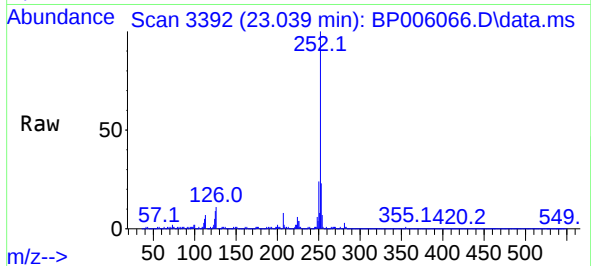
Tgt Ion:252 Resp: 1763804  
Ion Ratio Lower Upper  
252 100  
253 23.0 17.5 26.3  
125 9.0 6.2 9.4

Instrument :  
BNA\_P  
ClientSampled :  
CL-02-062321

Manual Integrations  
APPROVED

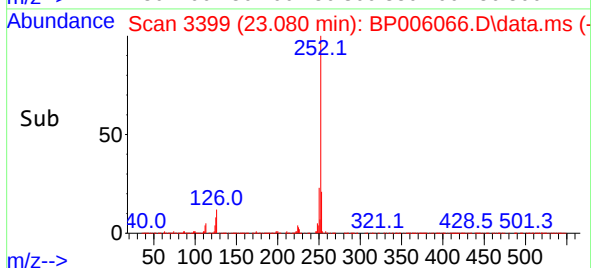
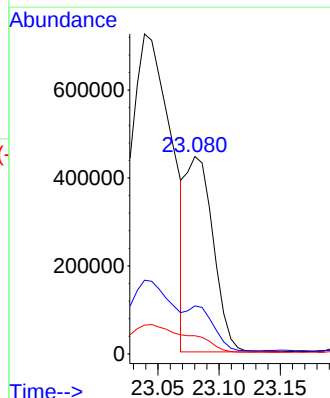
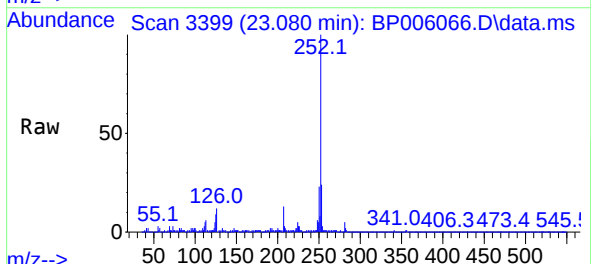
mohammad  
6/25/2021 1:11:27 PM

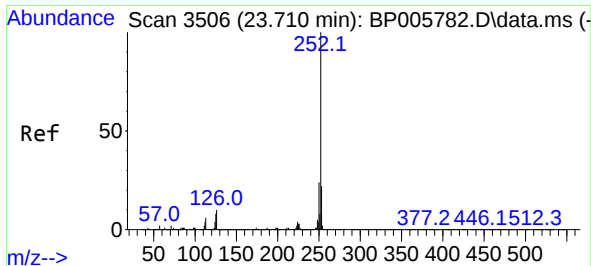
6/25/2021 1:11:27 PM



#89  
Benzo(k)fluoranthene  
Concen: 20.786 ng m  
RT: 23.080 min Scan# 3399  
Delta R.T. -0.006 min  
Lab File: BP006066.D  
Acq: 24 Jun 2021 22:35

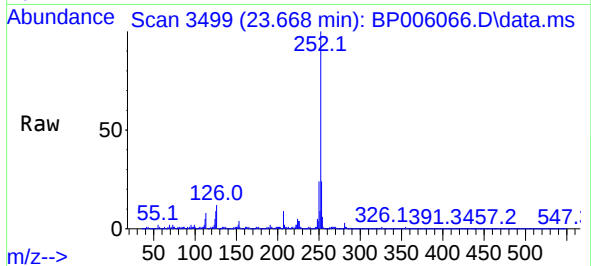
Tgt Ion:252 Resp: 685096  
Ion Ratio Lower Upper  
252 100  
253 24.3 17.6 26.4  
125 9.2 6.0 9.0#





#90  
Benzo(a)pyrene  
Concen: 43.668 ng  
RT: 23.668 min Scan# 3499  
Delta R.T. -0.000 min  
Lab File: BP006066.D  
Acq: 24 Jun 2021 22:35

Instrument :  
BNA\_P  
ClientSampled :  
CL-02-062321

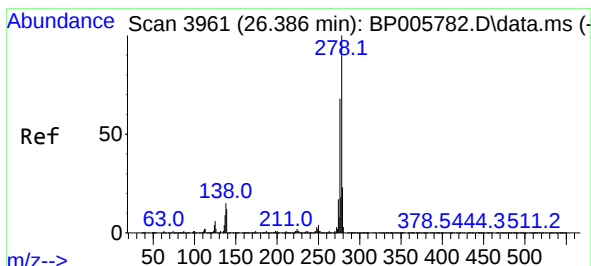
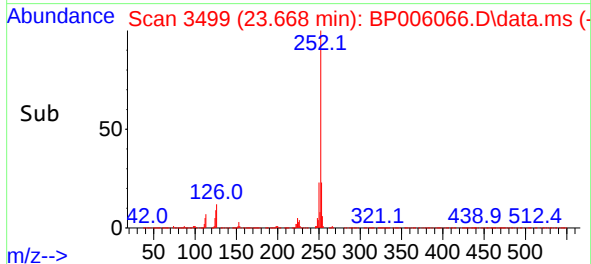
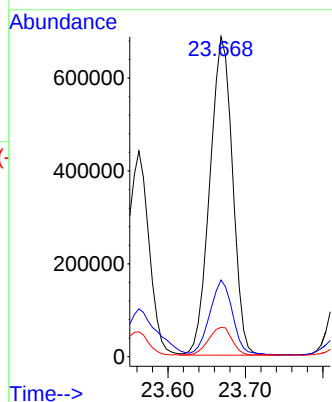


Tgt Ion:252 Resp: 1395413  
Ion Ratio Lower Upper  
252 100  
253 23.9 17.9 26.9  
125 9.1 6.5 9.7

Manual Integrations  
APPROVED

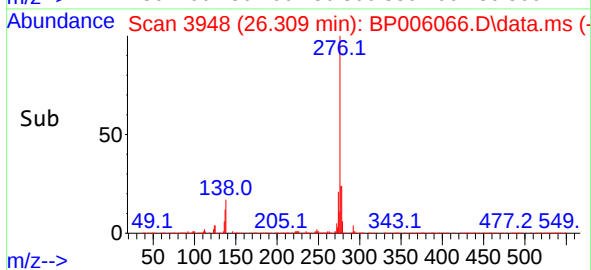
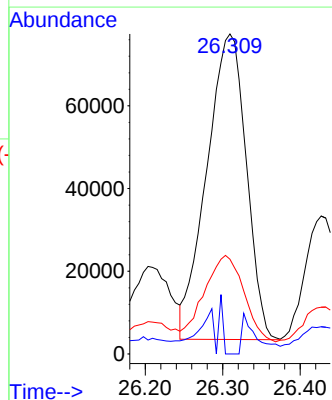
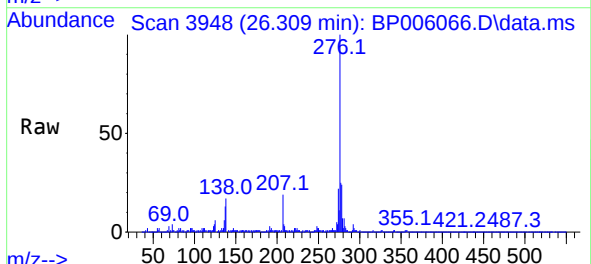
mohammad  
6/25/2021 1:11:27 PM

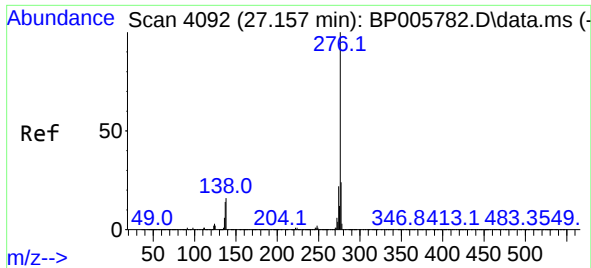
6/25/2021 1:11:27 PM



#91  
Dibenzo(a,h)anthracene  
Concen: 7.193 ng  
RT: 26.309 min Scan# 3948  
Delta R.T. -0.012 min  
Lab File: BP006066.D  
Acq: 24 Jun 2021 22:35

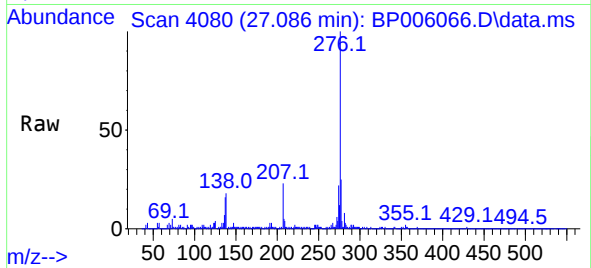
Tgt Ion:278 Resp: 262730  
Ion Ratio Lower Upper  
278 100  
139 0.0 9.3 13.9#  
279 29.6 18.8 28.2#





#92  
Benzo(g,h,i)perylene  
Concen: 26.346 ng  
RT: 27.086 min Scan# 4080  
Delta R.T. -0.000 min  
Lab File: BP006066.D  
Acq: 24 Jun 2021 22:35

Instrument :  
BNA\_P  
ClientSampleId :  
CL-02-062321

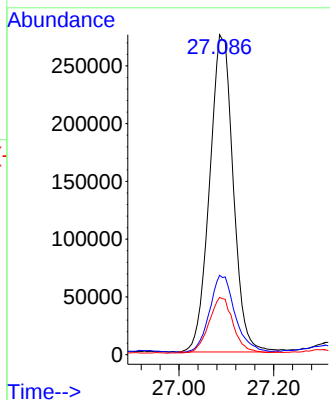
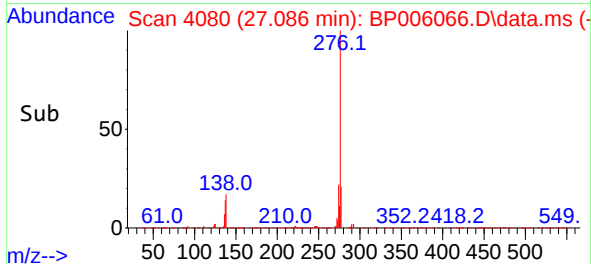


Tgt Ion: 276 Resp: 950625

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.8  | 18.9  | 28.3  |
| 138 | 17.9  | 12.6  | 18.8  |

Manual Integrations  
APPROVED

mohammad  
6/25/2021 1:11:27 PM



6/25/2021 1:11:27 PM