

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091820\  
 Data File : BP003329.D  
 Acq On : 18 Sep 2020 19:23  
 Operator : CG/JU  
 Sample : L3871-19  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TR-08-091720

Manual Integrations  
 APPROVED

mohammad  
 9/21/2020 10:35:52 AM

Quant Time: Sep 19 06:19:23 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP091520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 18 14:13:41 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.599  | 152  | 182973   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.375 | 136  | 745789   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.245 | 164  | 452424   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.004 | 188  | 916823   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.104 | 240  | 685812   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 23.321 | 264  | 679059   | 20.00 | ng    | 0.00     |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.216  | 112  | 1018506  | 97.20 | ng    | 0.00     |
| 7) Phenol-d6                | 6.799  | 99   | 1297991  | 92.93 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.751  | 82   | 863176   | 68.00 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.751 | 330  | 543858   | 78.81 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.869 | 172  | 1895787  | 61.28 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.586 | 244  | 2149946  | 65.32 | ng    | 0.00     |
|                             |        |      |          |       |       |          |
| Target Compounds            |        |      |          |       |       | Qvalue   |
| 31) Naphthalene             | 10.428 | 128  | 335741   | 8.52  | ng    | 100      |
| 37) 2-Methylnaphthalene     | 12.051 | 142  | 92641    | 3.25  | ng    | 98       |
| 38) 1-Methylnaphthalene     | 12.275 | 142  | 64568m   | 2.38  | ng    |          |
| 49) Acenaphthylene          | 13.969 | 152  | 102574   | 2.40  | ng    | 99       |
| 50) Dimethylphthalate       | 13.710 | 163  | 398950   | 11.04 | ng    | 100      |
| 58) Fluorene                | 15.304 | 166  | 98891    | 3.02  | ng    | 99       |
| 71) Phenanthrene            | 17.045 | 178  | 472964   | 9.48  | ng    | 99       |
| 72) Anthracene              | 17.139 | 178  | 166940   | 3.40  | ng    | 100      |
| 75) Fluoranthene            | 19.027 | 202  | 724043   | 11.54 | ng    | 99       |
| 78) Pyrene                  | 19.380 | 202  | 743779   | 17.39 | ng    | 100      |
| 81) Benzo(a)anthracene      | 21.092 | 228  | 333531   | 7.52  | ng    | 95       |
| 83) Chrysene                | 21.139 | 228  | 311066   | 7.30  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene  | 25.562 | 276  | 199272   | 3.87  | ng    | # 95     |
| 88) Benzo(b)fluoranthene    | 22.657 | 252  | 387890m  | 9.05  | ng    |          |
| 89) Benzo(k)fluoranthene    | 22.692 | 252  | 148790m  | 3.62  | ng    |          |
| 90) Benzo(a)pyrene          | 23.221 | 252  | 320211   | 7.92  | ng    | 97       |
| 92) Benzo(g,h,i)perylene    | 26.251 | 276  | 188094   | 4.44  | ng    | 98       |
| -----                       |        |      |          |       |       |          |

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

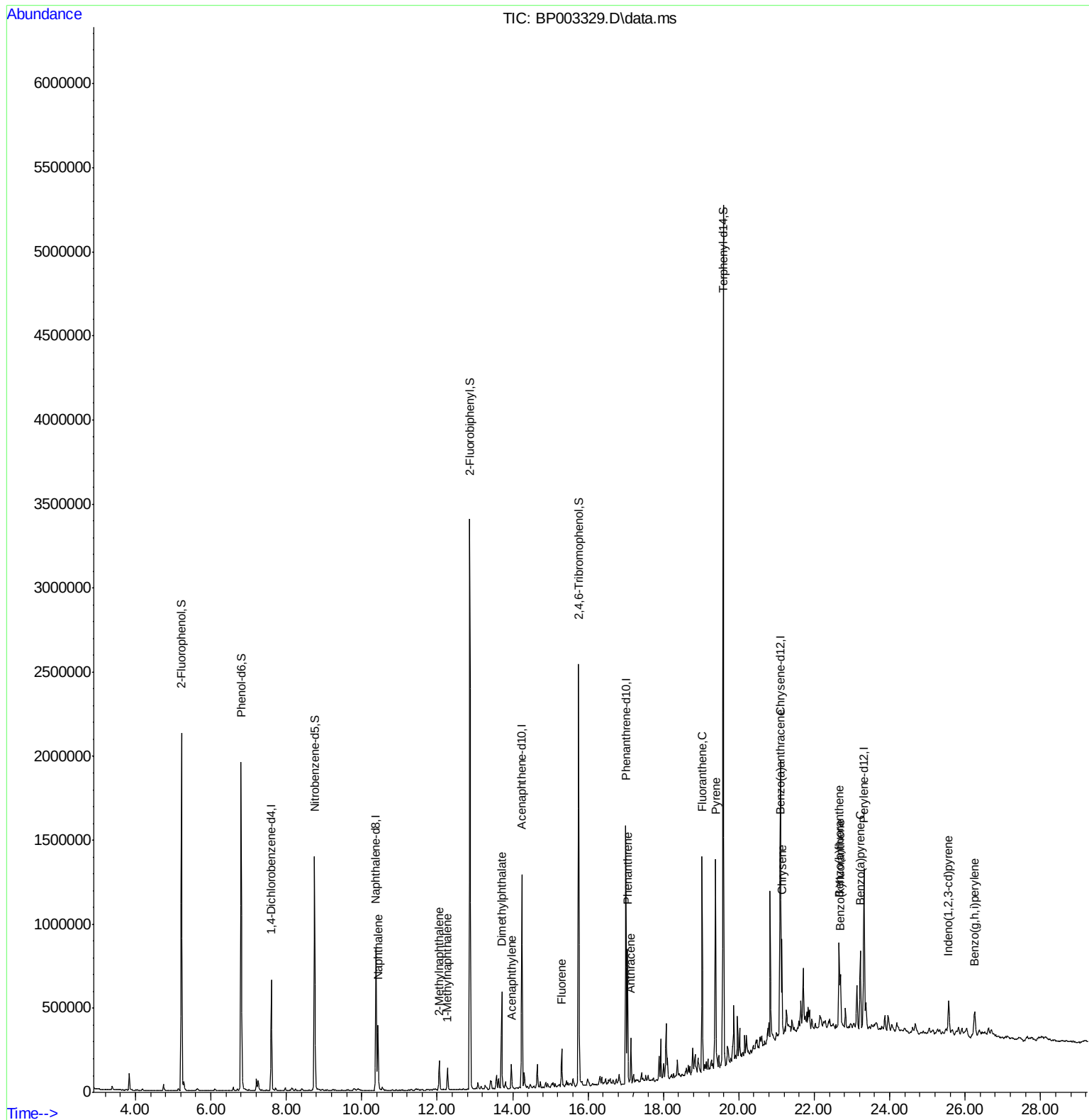
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP091820\  
Data File : BP003329.D  
Acq On : 18 Sep 2020 19:23  
Operator : CG/JU  
Sample : L3871-19  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

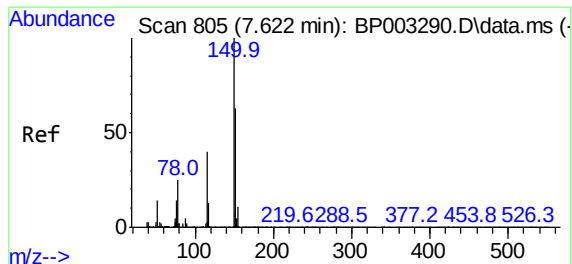
Instrument :  
BNA\_P  
ClientSampleId :  
TR-08-091720

Manual Integrations  
APPROVED

mohammad  
9/21/2020 10:35:52 AM

Quant Time: Sep 19 06:19:23 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP091520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 18 14:13:41 2020  
Response via : Initial Calibration





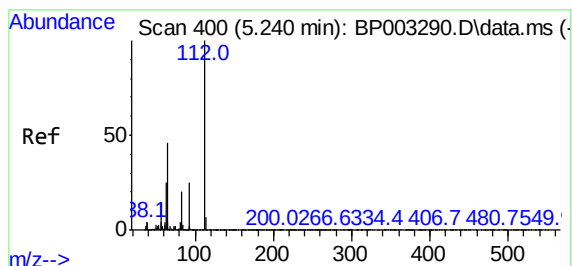
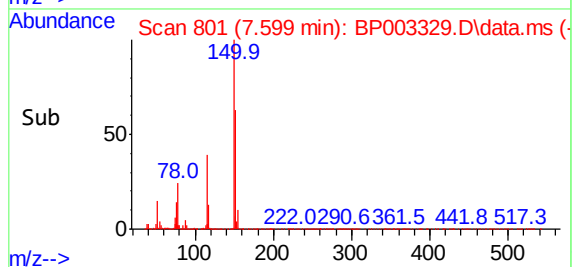
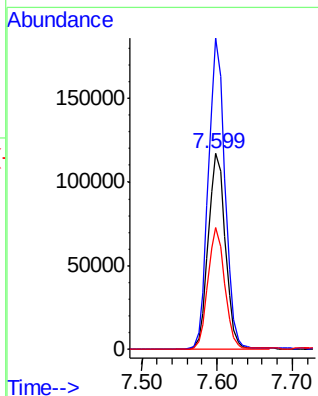
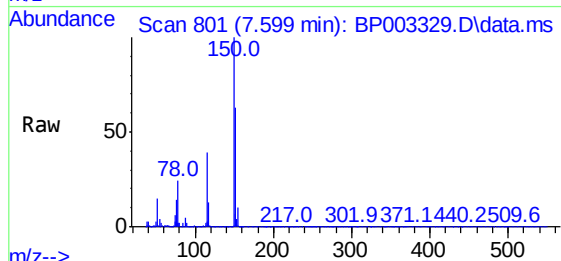
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.599 min Scan# 801  
Delta R.T. -0.000 min  
Lab File: BP003329.D  
Acq: 18 Sep 2020 19:23

Tgt Ion:152 Resp: 182973  
Ion Ratio Lower Upper  
152 100  
150 159.2 123.8 185.6  
115 61.8 43.8 65.6

Instrument :  
BNA\_P  
ClientSampleId :  
TR-08-091720

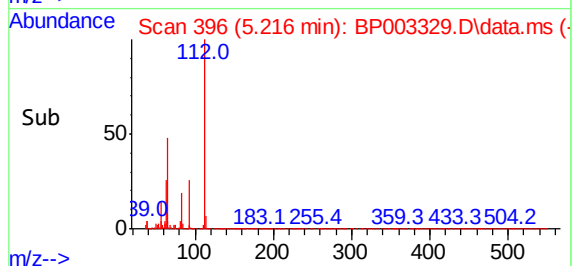
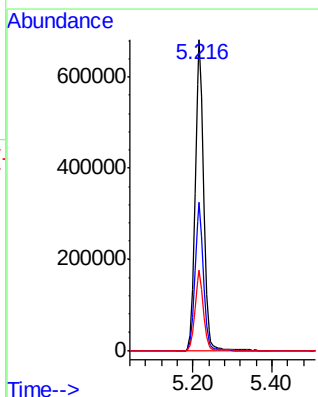
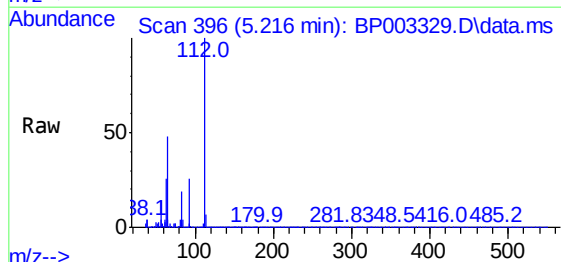
Manual Integrations  
APPROVED

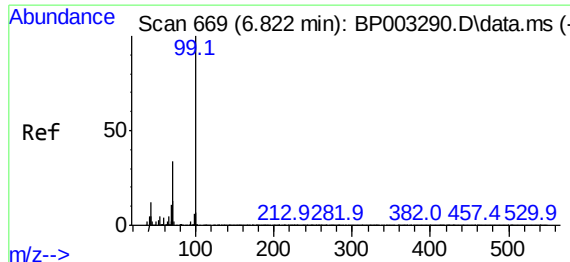
mohammad  
9/21/2020 10:35:52 AM



#5  
2-Fluorophenol  
Concen: 97.20 ng  
RT: 5.216 min Scan# 396  
Delta R.T. 0.006 min  
Lab File: BP003329.D  
Acq: 18 Sep 2020 19:23

Tgt Ion:112 Resp: 1018506  
Ion Ratio Lower Upper  
112 100  
64 47.5 32.8 49.2  
63 25.7 17.0 25.4#





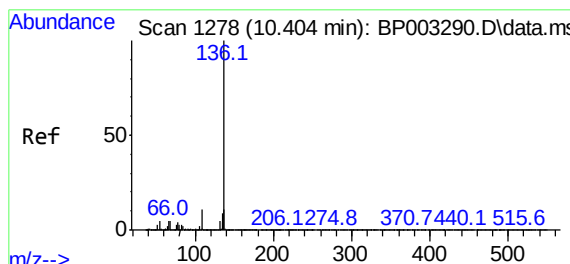
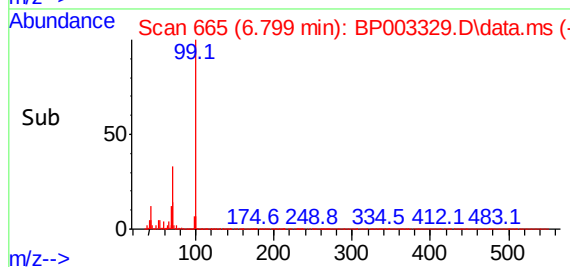
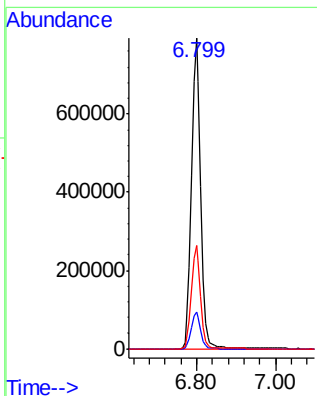
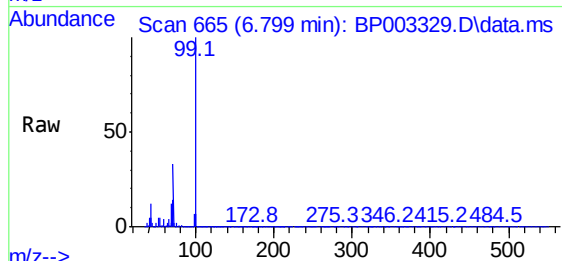
#7  
Phenol-d6  
Concen: 92.93 ng  
RT: 6.799 min Scan# 665  
Delta R.T. 0.006 min  
Lab File: BP003329.D  
Acq: 18 Sep 2020 19:23

Instrument :  
BNA\_P  
ClientSampleId :  
TR-08-091720

Tgt Ion: 99 Resp: 1297991  
Ion Ratio Lower Upper  
99 100  
42 12.0 8.6 13.0  
71 33.2 23.4 35.2

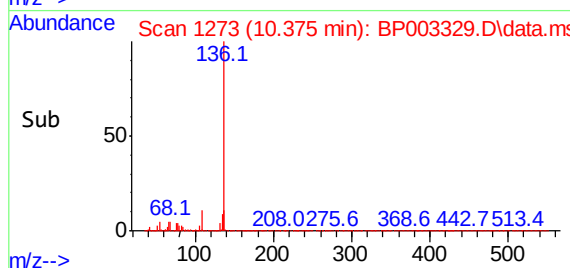
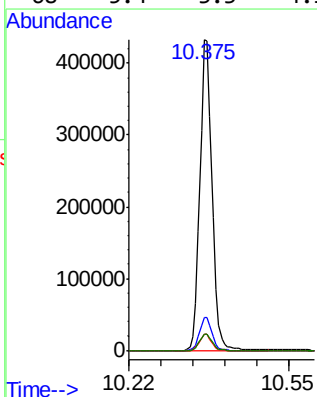
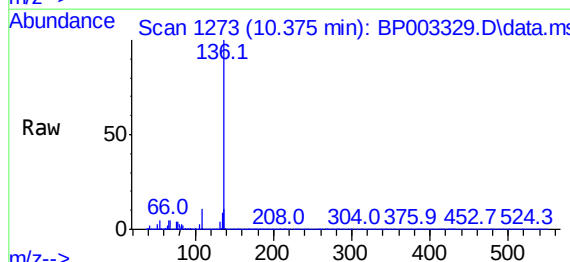
Manual Integrations  
APPROVED

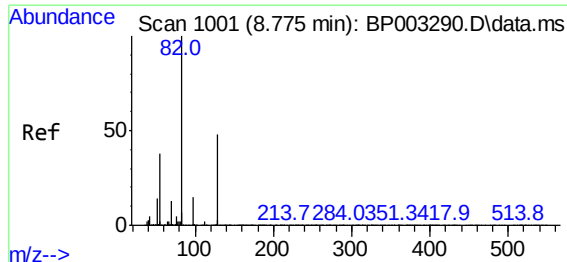
mohammad  
9/21/2020 10:35:52 AM



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.375 min Scan# 1273  
Delta R.T. -0.000 min  
Lab File: BP003329.D  
Acq: 18 Sep 2020 19:23

Tgt Ion: 136 Resp: 745789  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 5.1 3.6 5.4  
68 5.4 3.3 4.9#



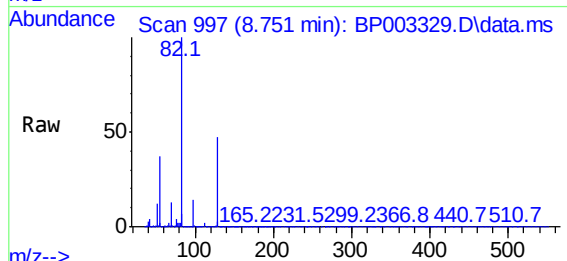


#23  
Nitrobenzene-d5  
Concen: 68.00 ng  
RT: 8.751 min Scan# 997  
Delta R.T. -0.000 min  
Lab File: BP003329.D  
Acq: 18 Sep 2020 19:23

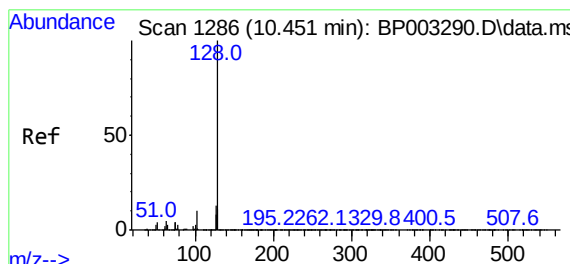
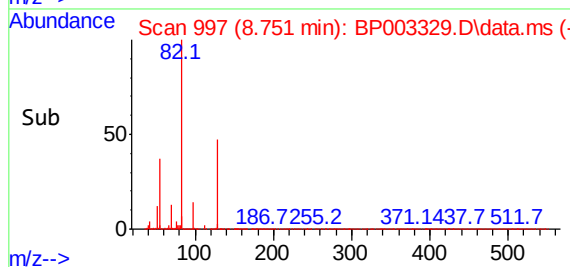
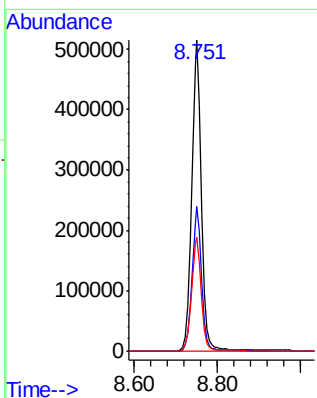
Instrument :  
BNA\_P  
ClientSampleId :  
TR-08-091720

Manual Integrations  
APPROVED

mohammad  
9/21/2020 10:35:52 AM

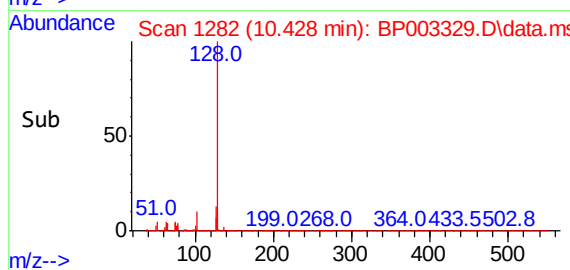
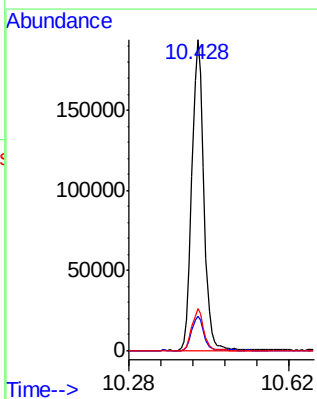
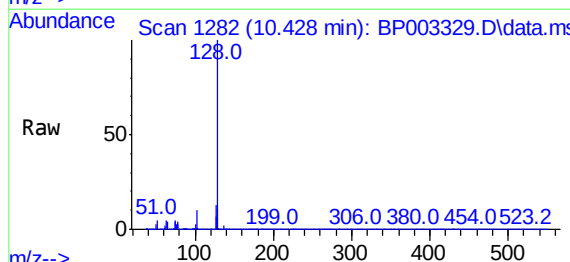


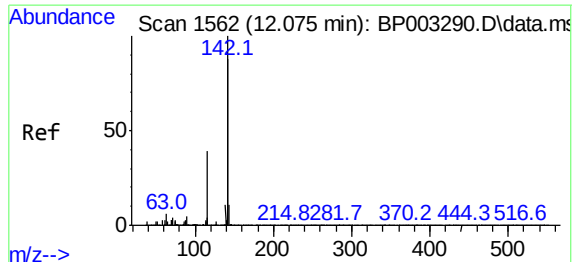
Tgt Ion: 82 Resp: 863176  
Ion Ratio Lower Upper  
82 100  
128 46.6 45.6 68.4  
54 36.5 30.1 45.1



#31  
Naphthalene  
Concen: 8.52 ng  
RT: 10.428 min Scan# 1282  
Delta R.T. -0.000 min  
Lab File: BP003329.D  
Acq: 18 Sep 2020 19:23

Tgt Ion: 128 Resp: 335741  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.8 13.2  
127 13.4 10.6 15.8





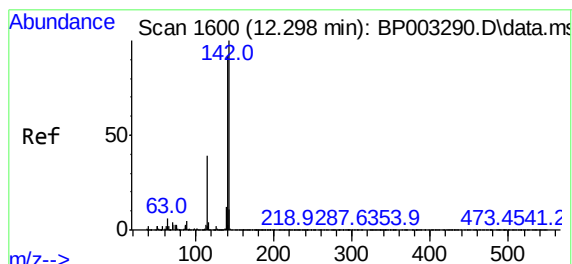
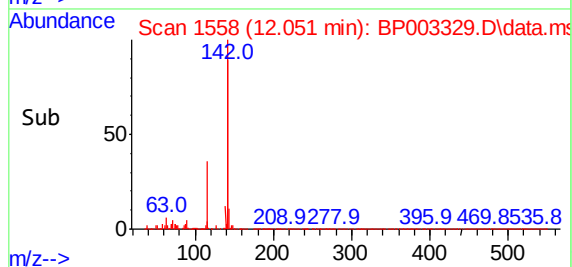
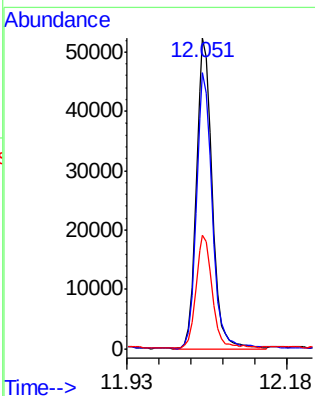
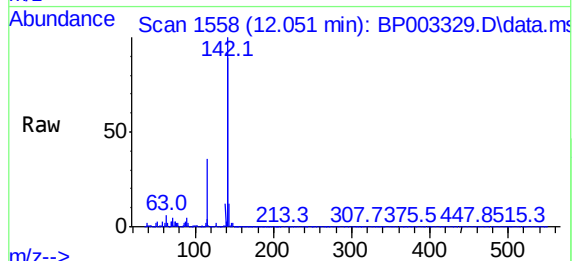
#37  
2-Methylnaphthalene  
Concen: 3.25 ng  
RT: 12.051 min Scan# 1558  
Delta R.T. -0.000 min  
Lab File: BP003329.D  
Acq: 18 Sep 2020 19:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 92641 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 141      | 89.1  | 71.4  | 107.2 |
| 115      | 36.5  | 25.8  | 38.6  |

Instrument :  
BNA\_P  
ClientSampleId :  
TR-08-091720

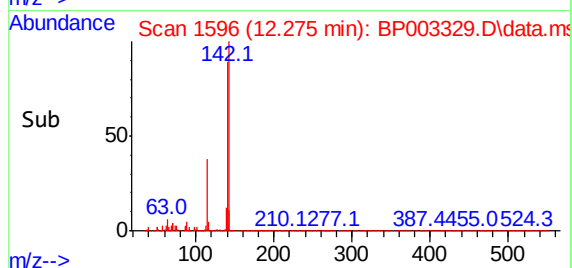
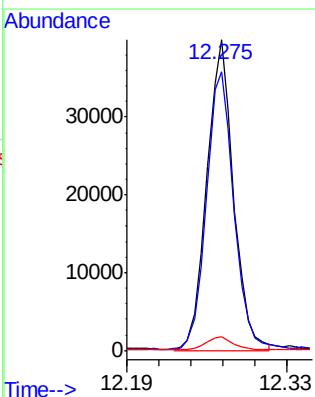
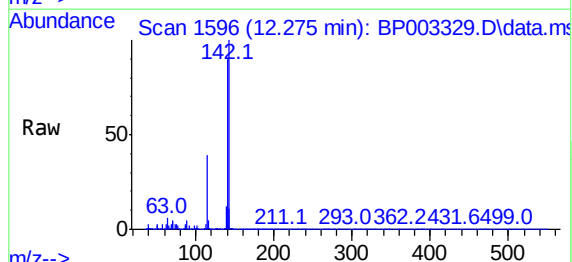
Manual Integrations  
APPROVED

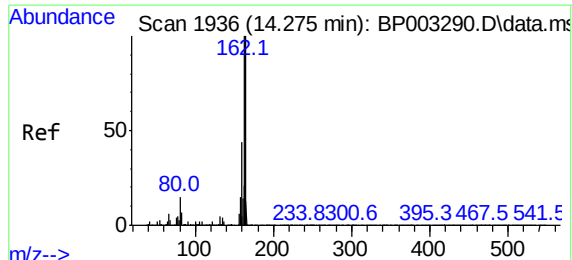
mohammad  
9/21/2020 10:35:52 AM



#38  
1-Methylnaphthalene  
Concen: 2.38 ng m  
RT: 12.275 min Scan# 1596  
Delta R.T. 0.006 min  
Lab File: BP003329.D  
Acq: 18 Sep 2020 19:23

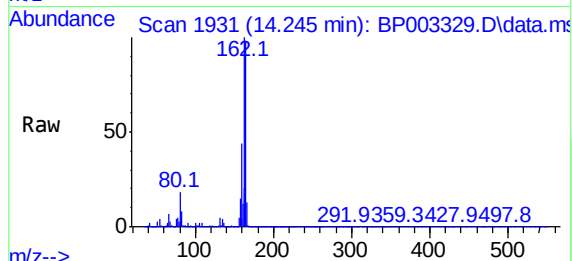
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 64568 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 141      | 89.6  | 74.4  | 111.6 |
| 116      | 4.6   | 2.9   | 4.3#  |





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.245 min Scan# 1931  
Delta R.T. -0.000 min  
Lab File: BP003329.D  
Acq: 18 Sep 2020 19:23

Instrument :  
BNA\_P  
ClientSampleId :  
TR-08-091720

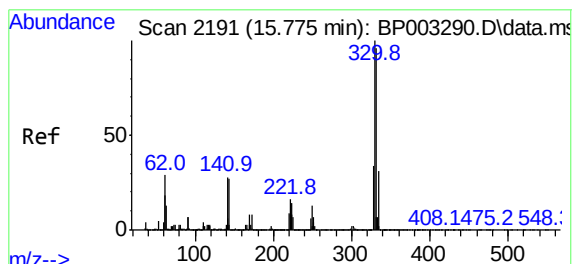
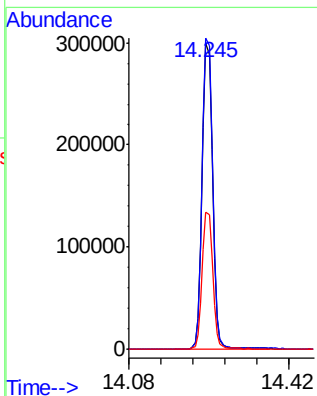
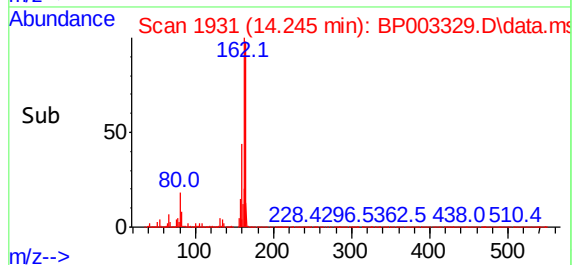


Tgt Ion:164 Resp: 452424

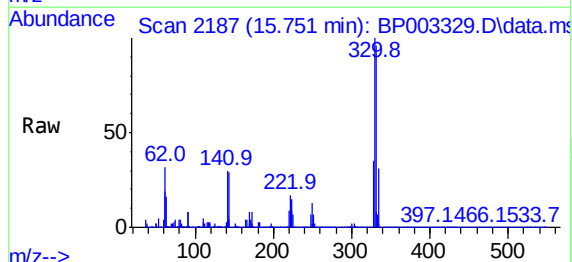
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 101.9 | 79.4  | 119.2 |
| 160 | 44.7  | 36.1  | 54.1  |

Manual Integrations  
APPROVED

mohammad  
9/21/2020 10:35:52 AM

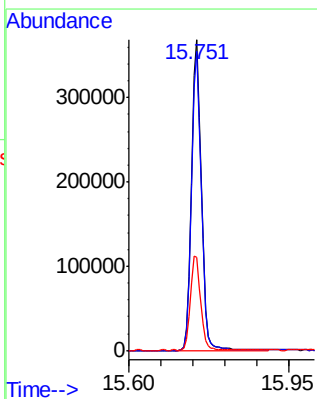
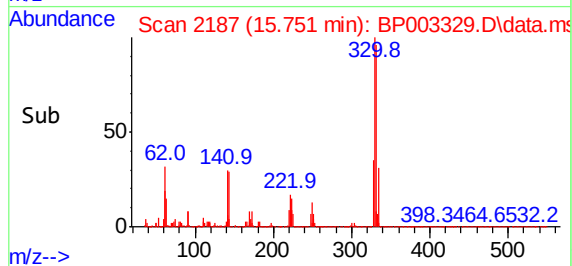


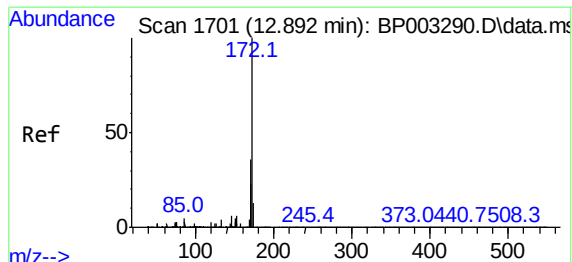
#42  
2,4,6-Tribromophenol  
Concen: 78.81 ng  
RT: 15.751 min Scan# 2187  
Delta R.T. 0.006 min  
Lab File: BP003329.D  
Acq: 18 Sep 2020 19:23



Tgt Ion:330 Resp: 543858

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 96.7  | 77.1  | 115.7 |
| 141 | 31.7  | 23.4  | 35.2  |





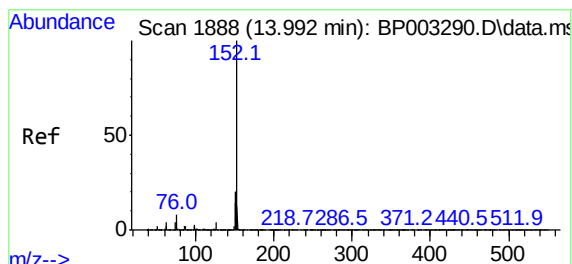
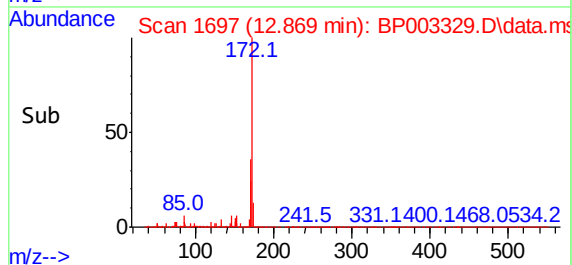
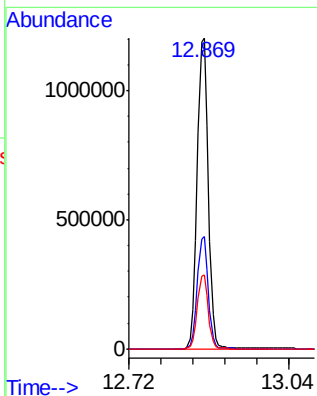
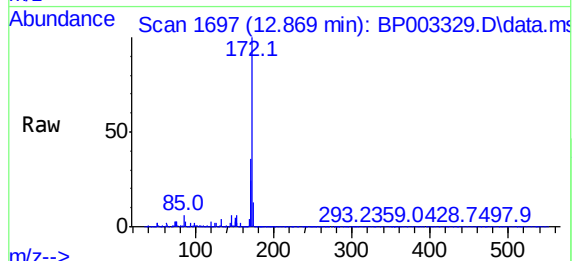
#45  
2-Fluorobiphenyl  
Concen: 61.28 ng  
RT: 12.869 min Scan# 1697  
Delta R.T. 0.006 min  
Lab File: BP003329.D  
Acq: 18 Sep 2020 19:23

Instrument :  
BNA\_P  
ClientSampleId :  
TR-08-091720

Tgt Ion:172 Resp: 1895787  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.5 42.7  
170 23.8 19.2 28.8

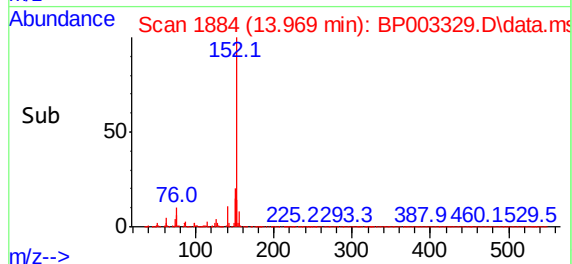
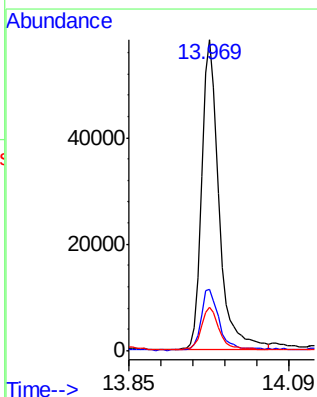
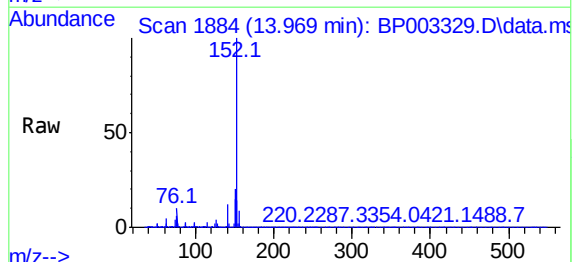
Manual Integrations  
APPROVED

mohammad  
9/21/2020 10:35:52 AM

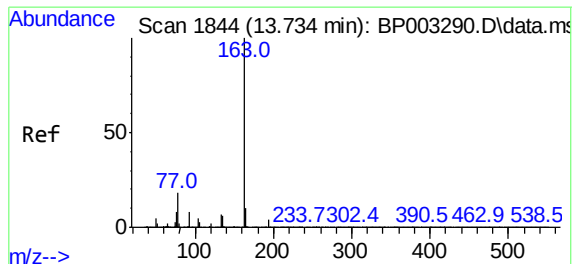


#49  
Acenaphthylene  
Concen: 2.40 ng  
RT: 13.969 min Scan# 1884  
Delta R.T. 0.006 min  
Lab File: BP003329.D  
Acq: 18 Sep 2020 19:23

Tgt Ion:152 Resp: 102574  
Ion Ratio Lower Upper  
152 100  
151 19.7 15.9 23.9  
153 14.0 10.5 15.7





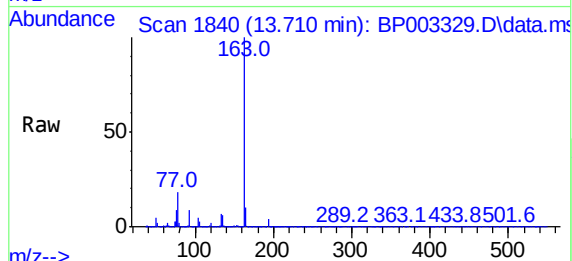


#50  
Dimethylphthalate  
Concen: 11.04 ng  
RT: 13.710 min Scan# 1840  
Delta R.T. -0.000 min  
Lab File: BP003329.D  
Acq: 18 Sep 2020 19:23

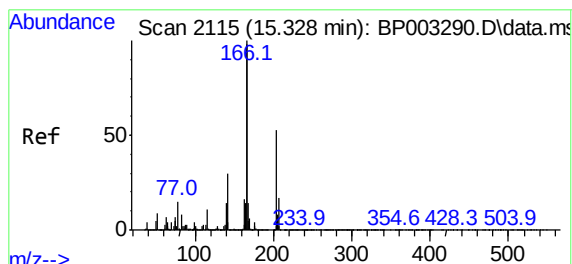
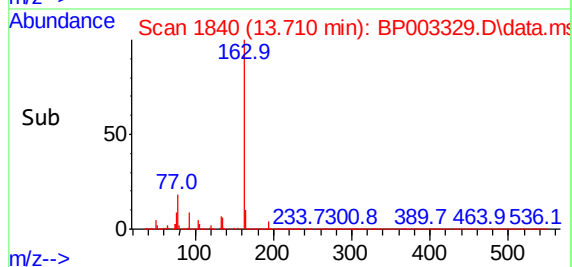
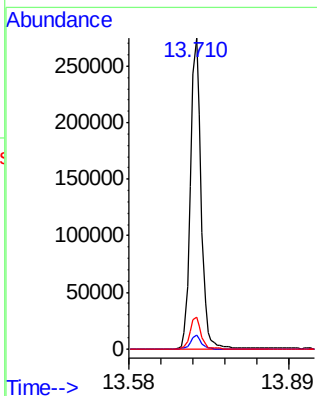
Instrument :  
BNA\_P  
ClientSampleId :  
TR-08-091720

Manual Integrations  
APPROVED

mohammad  
9/21/2020 10:35:52 AM

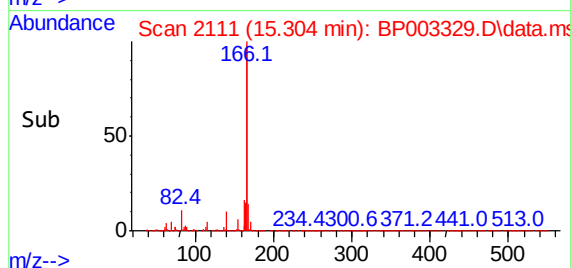
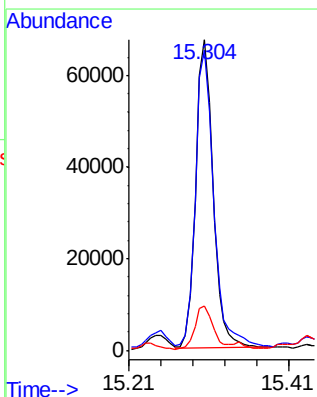
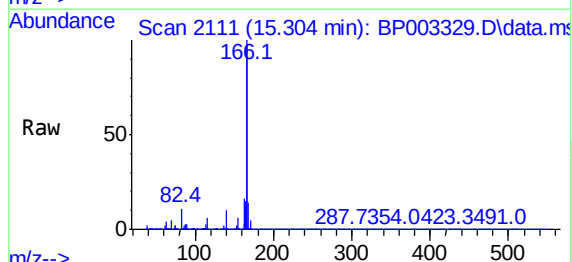


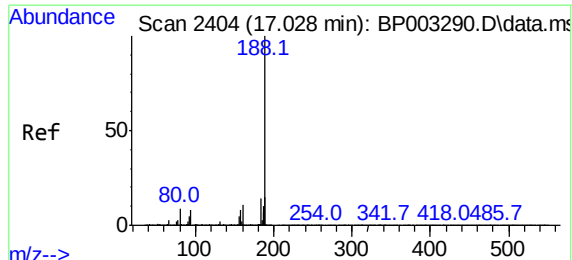
Tgt Ion:163 Resp: 398950  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.3 4.9  
164 10.2 8.2 12.2



#58  
Fluorene  
Concen: 3.02 ng  
RT: 15.304 min Scan# 2111  
Delta R.T. -0.000 min  
Lab File: BP003329.D  
Acq: 18 Sep 2020 19:23

Tgt Ion:166 Resp: 98891  
Ion Ratio Lower Upper  
166 100  
165 96.7 77.8 116.8  
167 14.3 11.0 16.4





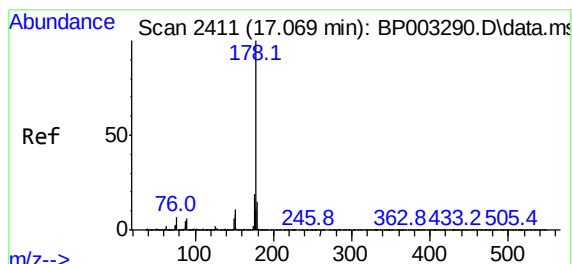
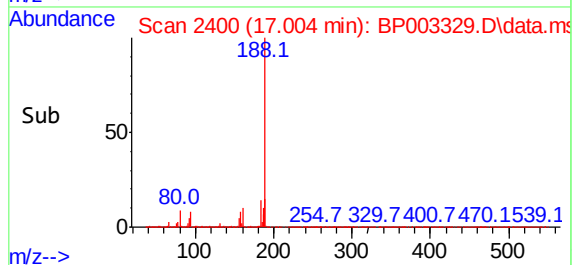
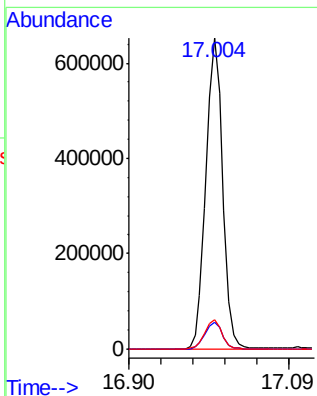
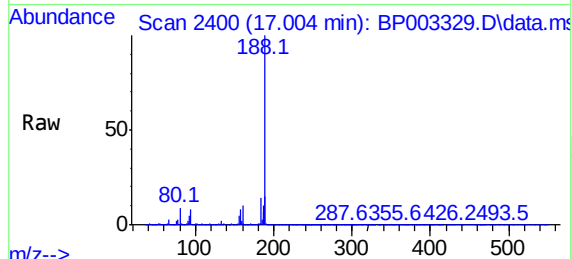
#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.004 min Scan# 2400  
Delta R.T. -0.000 min  
Lab File: BP003329.D  
Acq: 18 Sep 2020 19:23

Instrument :  
BNA\_P  
ClientSampleId :  
TR-08-091720

Tgt Ion:188 Resp: 916823  
Ion Ratio Lower Upper  
188 100  
94 8.5 6.2 9.2  
80 9.2 6.2 9.2

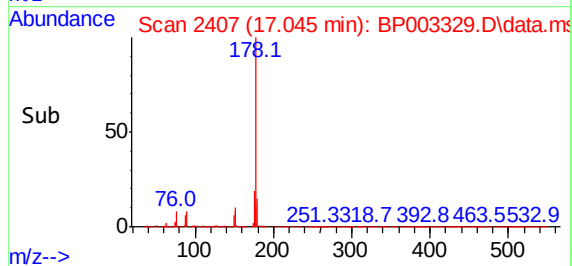
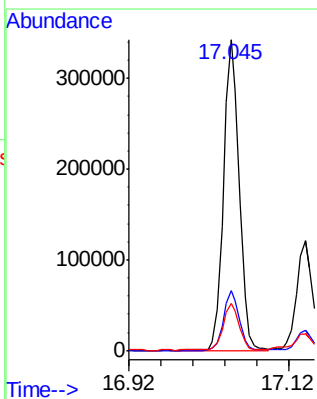
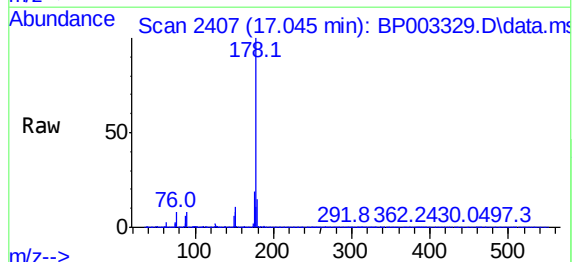
Manual Integrations  
APPROVED

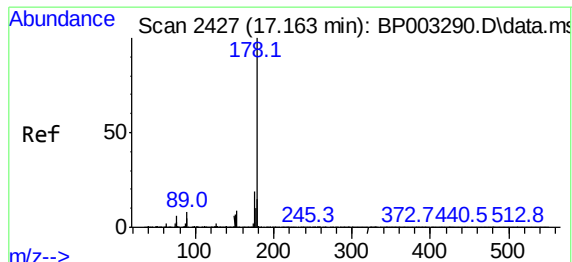
mohammad  
9/21/2020 10:35:52 AM



#71  
Phenanthrene  
Concen: 9.48 ng  
RT: 17.045 min Scan# 2407  
Delta R.T. -0.000 min  
Lab File: BP003329.D  
Acq: 18 Sep 2020 19:23

Tgt Ion:178 Resp: 472964  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.3 22.9  
179 15.3 12.5 18.7



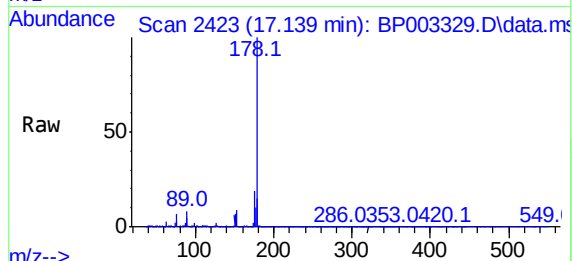


#72  
 Anthracene  
 Concen: 3.40 ng  
 RT: 17.139 min Scan# 2423  
 Delta R.T. 0.006 min  
 Lab File: BP003329.D  
 Acq: 18 Sep 2020 19:23

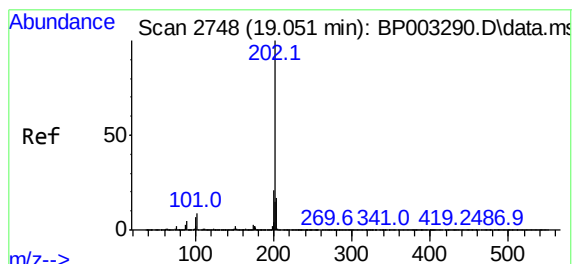
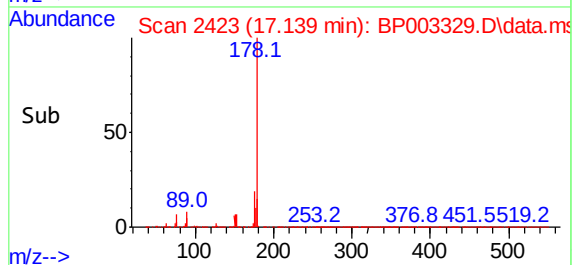
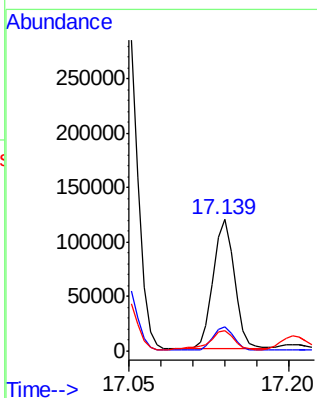
Instrument :  
 BNA\_P  
 ClientSampleId :  
 TR-08-091720

Manual Integrations  
 APPROVED

mohammad  
 9/21/2020 10:35:52 AM

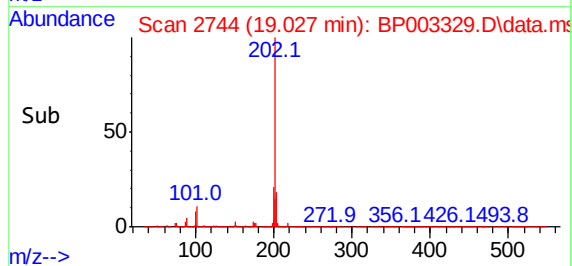
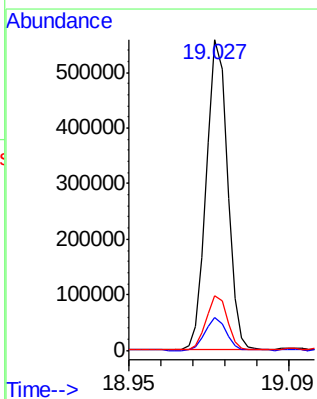
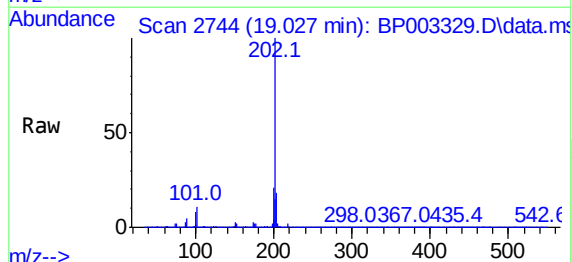


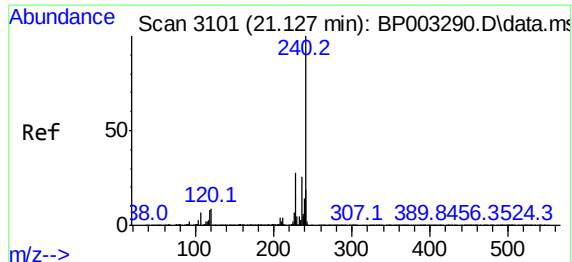
Tgt Ion:178 Resp: 166940  
 Ion Ratio Lower Upper  
 178 100  
 176 18.8 15.0 22.4  
 179 15.5 12.5 18.7



#75  
 Fluoranthene  
 Concen: 11.54 ng  
 RT: 19.027 min Scan# 2744  
 Delta R.T. -0.000 min  
 Lab File: BP003329.D  
 Acq: 18 Sep 2020 19:23

Tgt Ion:202 Resp: 724043  
 Ion Ratio Lower Upper  
 202 100  
 101 10.6 0.0 29.4  
 203 17.8 0.0 37.8





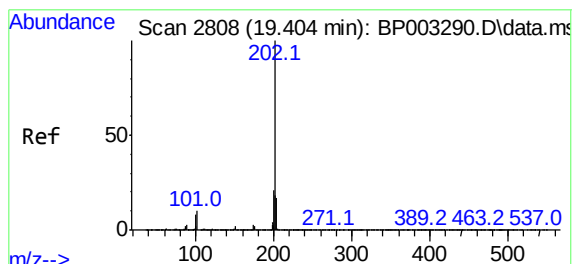
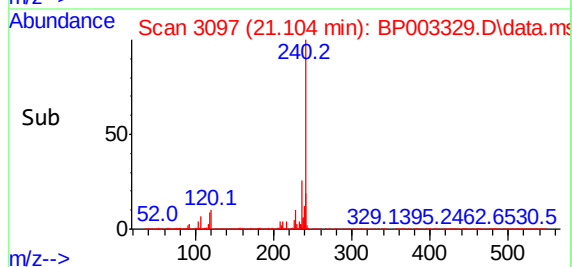
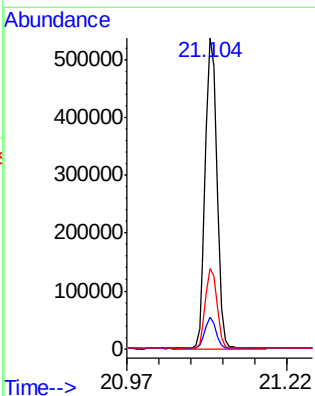
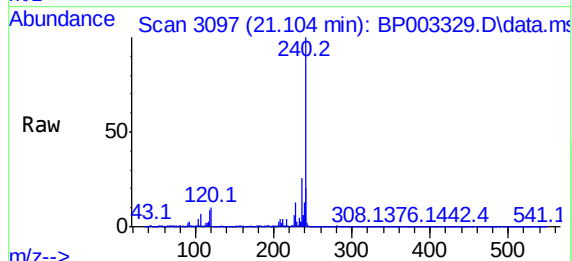
#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.104 min Scan# 3097  
Delta R.T. -0.000 min  
Lab File: BP003329.D  
Acq: 18 Sep 2020 19:23

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 685812 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 10.0  | 7.8   | 11.6   |
| 236       | 26.0  | 20.8  | 31.2   |

Instrument :  
BNA\_P  
ClientSampleId :  
TR-08-091720

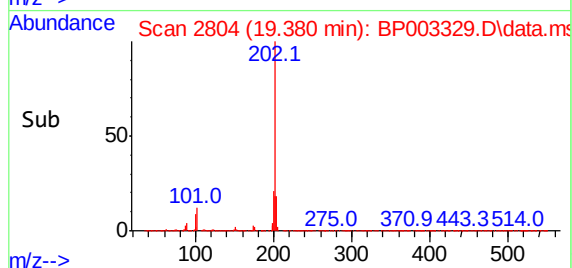
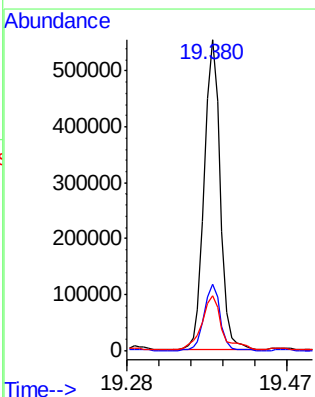
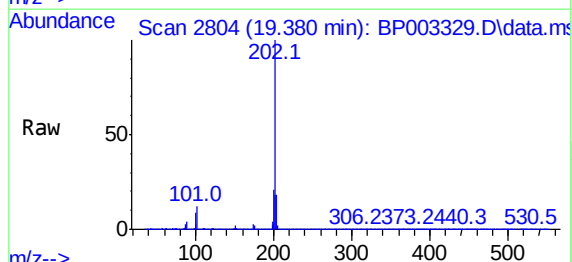
Manual Integrations  
APPROVED

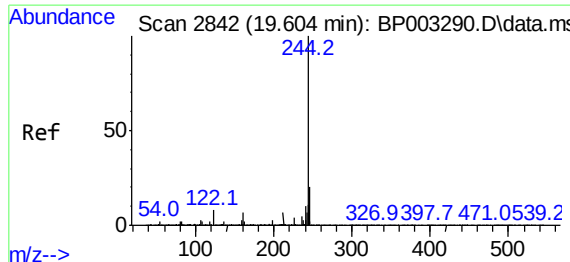
mohammad  
9/21/2020 10:35:52 AM



#78  
Pyrene  
Concen: 17.39 ng  
RT: 19.380 min Scan# 2804  
Delta R.T. -0.000 min  
Lab File: BP003329.D  
Acq: 18 Sep 2020 19:23

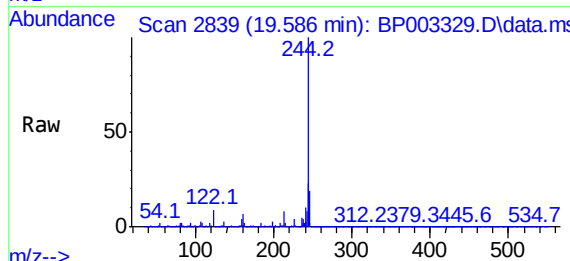
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 743779 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 21.4  | 17.1  | 25.7   |
| 203       | 17.7  | 14.2  | 21.2   |





#79  
Terphenyl-d14  
Concen: 65.32 ng  
RT: 19.586 min Scan# 2839  
Delta R.T. 0.006 min  
Lab File: BP003329.D  
Acq: 18 Sep 2020 19:23

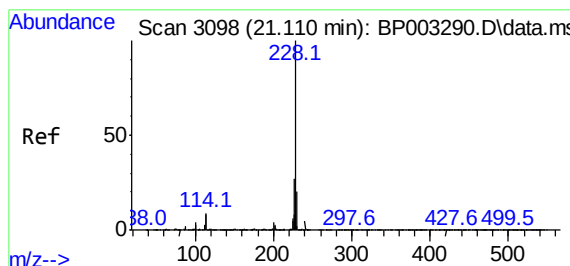
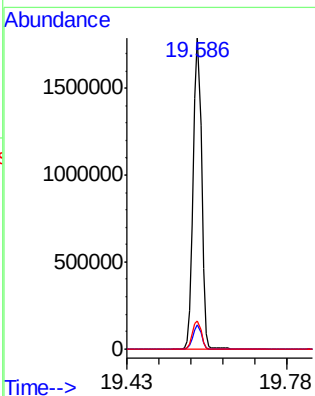
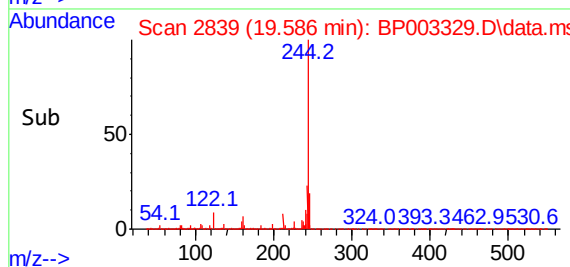
Instrument :  
BNA\_P  
ClientSampleId :  
TR-08-091720



Tgt Ion:244 Resp: 2149946  
Ion Ratio Lower Upper  
244 100  
212 7.5 5.8 8.6  
122 9.1 7.8 11.8

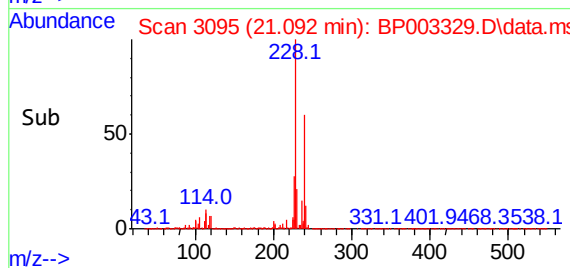
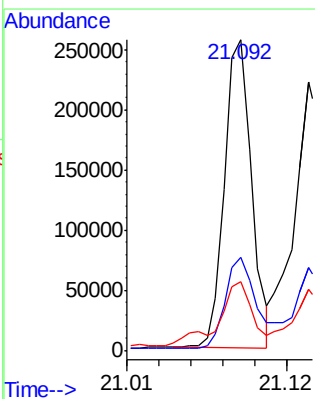
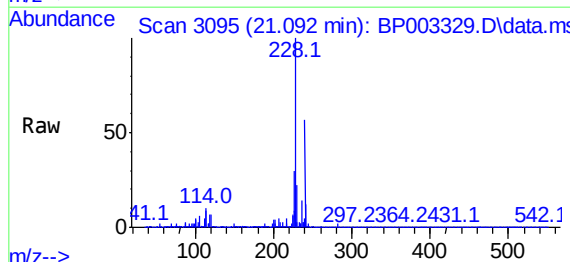
Manual Integrations  
APPROVED

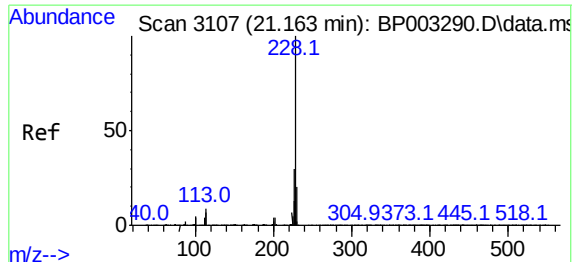
mohammad  
9/21/2020 10:35:52 AM



#81  
Benzo(a)anthracene  
Concen: 7.52 ng  
RT: 21.092 min Scan# 3095  
Delta R.T. 0.006 min  
Lab File: BP003329.D  
Acq: 18 Sep 2020 19:23

Tgt Ion:228 Resp: 333531  
Ion Ratio Lower Upper  
228 100  
226 29.9 22.1 33.1  
229 22.3 15.9 23.9





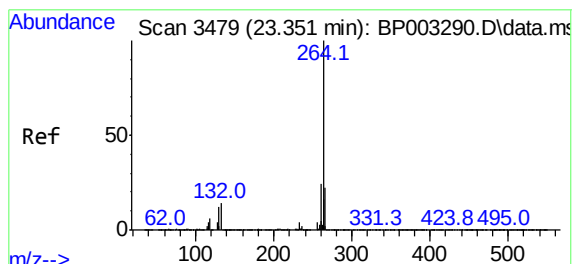
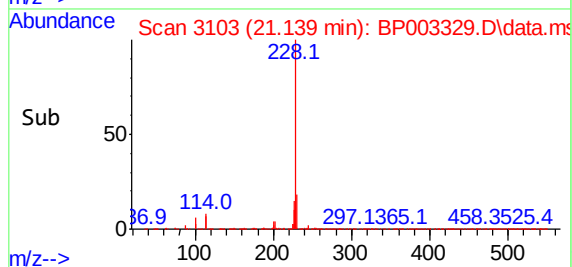
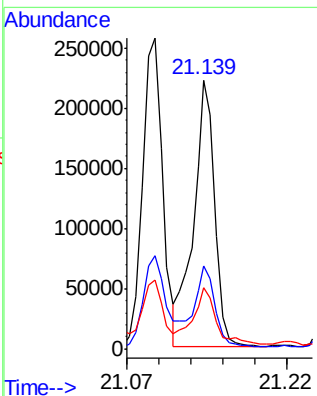
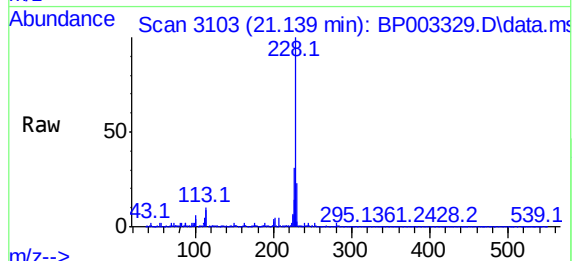
#83  
Chrysene  
Concen: 7.30 ng  
RT: 21.139 min Scan# 3103  
Delta R.T. -0.000 min  
Lab File: BP003329.D  
Acq: 18 Sep 2020 19:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 228   | Resp: | 311066 |
| Ion      | Ratio | Lower | Upper  |
| 228      | 100   |       |        |
| 226      | 30.8  | 24.4  | 36.6   |
| 229      | 22.7  | 15.8  | 23.6   |

Instrument :  
BNA\_P  
ClientSampleId :  
TR-08-091720

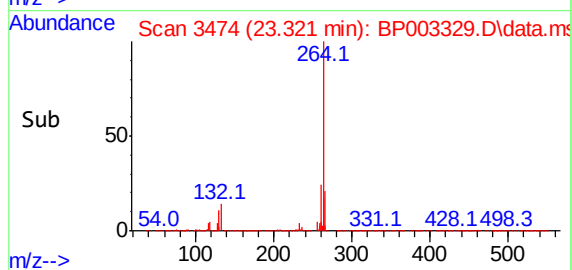
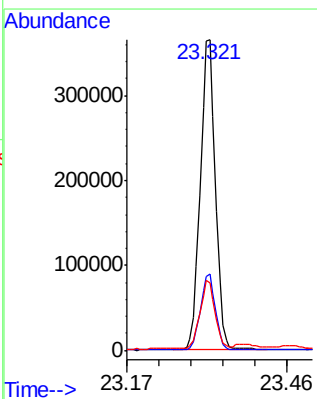
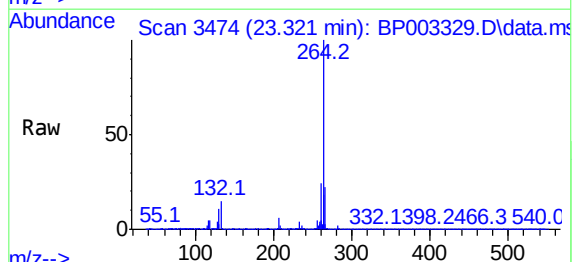
Manual Integrations  
APPROVED

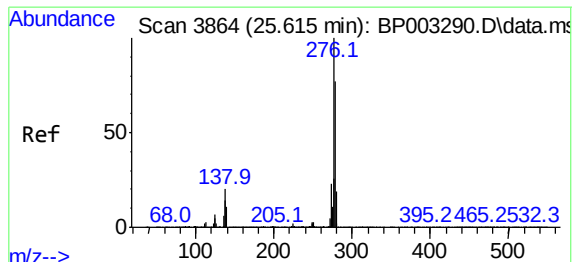
mohammad  
9/21/2020 10:35:52 AM



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 23.321 min Scan# 3474  
Delta R.T. 0.006 min  
Lab File: BP003329.D  
Acq: 18 Sep 2020 19:23

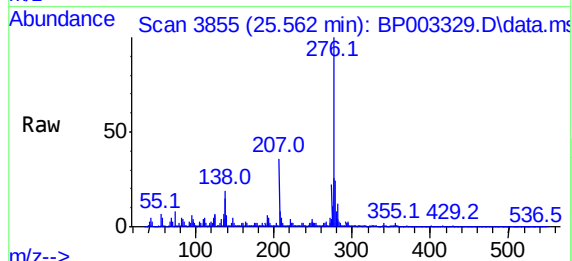
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 264   | Resp: | 679059 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 24.5  | 18.8  | 28.2   |
| 265      | 21.8  | 17.4  | 26.2   |





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 3.87 ng  
RT: 25.562 min Scan# 3855  
Delta R.T. -0.006 min  
Lab File: BP003329.D  
Acq: 18 Sep 2020 19:23

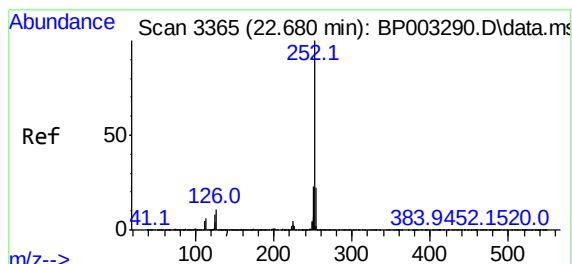
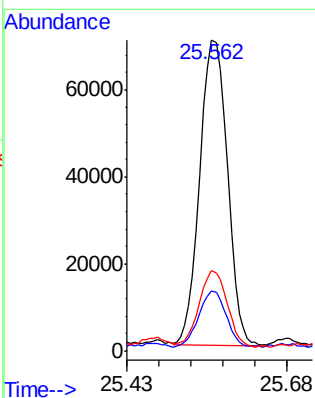
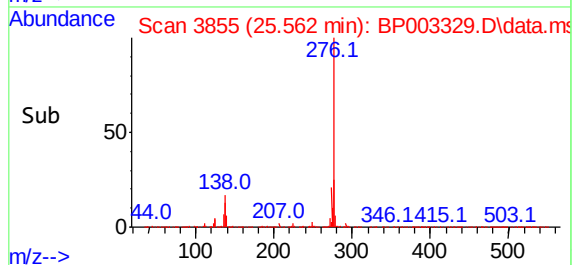
Instrument :  
BNA\_P  
ClientSampleId :  
TR-08-091720



Tgt Ion:276 Resp: 199272  
Ion Ratio Lower Upper  
276 100  
138 18.6 18.7 28.1#  
277 25.3 20.4 30.6

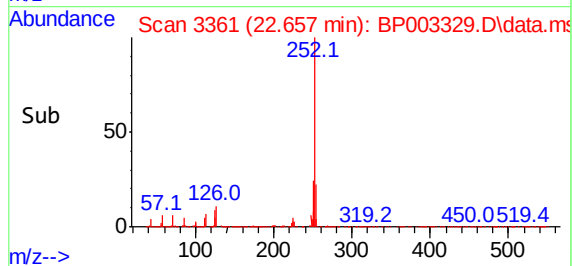
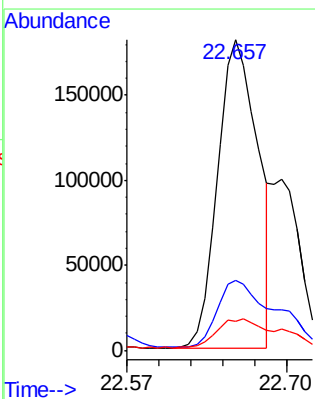
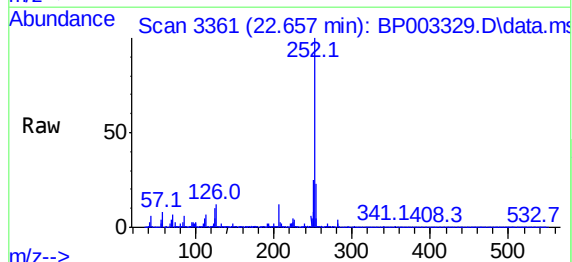
Manual Integrations  
APPROVED

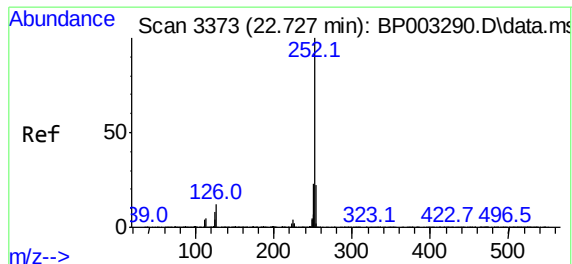
mohammad  
9/21/2020 10:35:52 AM



#88  
Benzo(b)fluoranthene  
Concen: 9.05 ng m  
RT: 22.657 min Scan# 3361  
Delta R.T. 0.006 min  
Lab File: BP003329.D  
Acq: 18 Sep 2020 19:23

Tgt Ion:252 Resp: 387890  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.6 26.4  
125 9.6 7.3 10.9





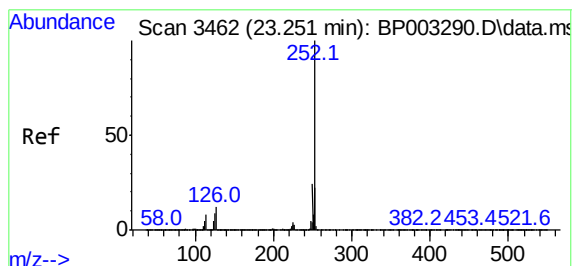
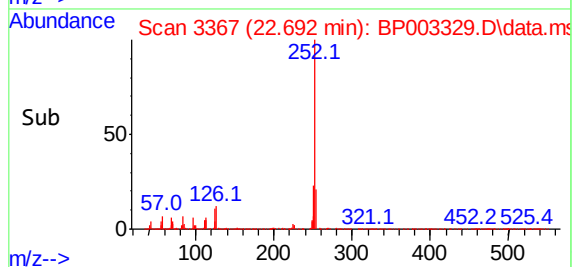
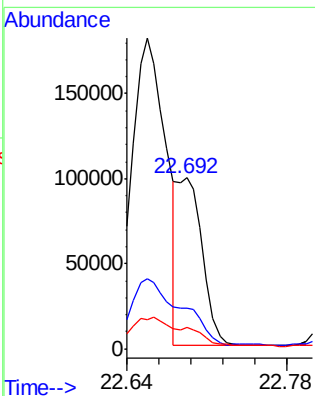
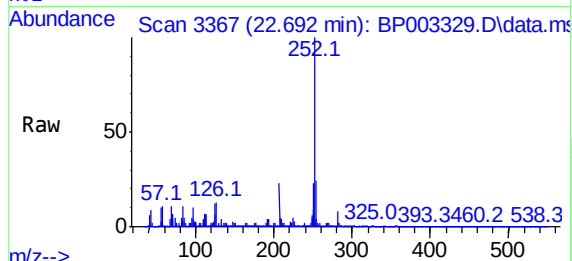
#89  
Benzo(k)fluoranthene  
Concen: 3.62 ng m  
RT: 22.692 min Scan# 3367  
Delta R.T. -0.000 min  
Lab File: BP003329.D  
Acq: 18 Sep 2020 19:23

Instrument :  
BNA\_P  
ClientSampleId :  
TR-08-091720

Tgt Ion:252 Resp: 148790  
Ion Ratio Lower Upper  
252 100  
253 23.9 17.8 26.8  
125 12.2 7.4 11.2#

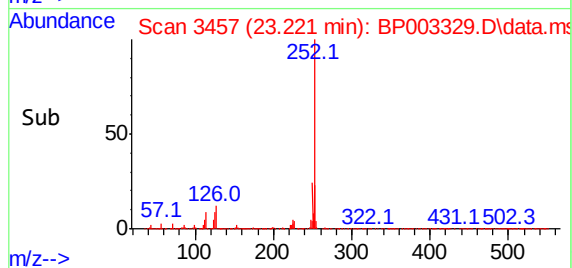
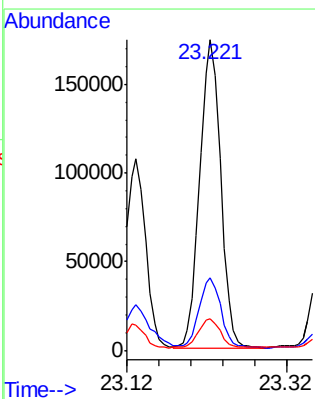
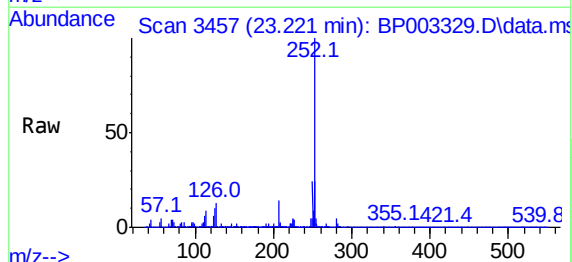
Manual Integrations  
APPROVED

mohammad  
9/21/2020 10:35:52 AM

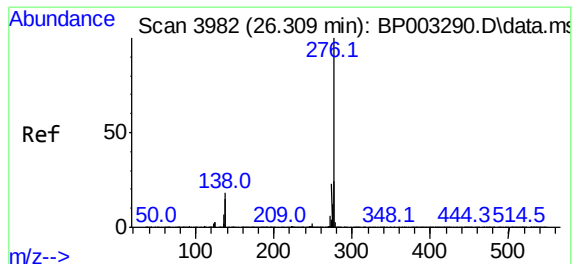


#90  
Benzo(a)pyrene  
Concen: 7.92 ng  
RT: 23.221 min Scan# 3457  
Delta R.T. -0.000 min  
Lab File: BP003329.D  
Acq: 18 Sep 2020 19:23

Tgt Ion:252 Resp: 320211  
Ion Ratio Lower Upper  
252 100  
253 23.5 17.4 26.0  
125 10.3 8.2 12.4

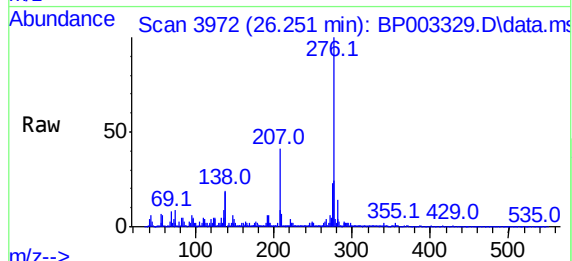






#92  
Benzo(g,h,i)perylene  
Concen: 4.44 ng  
RT: 26.251 min Scan# 3972  
Delta R.T. -0.006 min  
Lab File: BP003329.D  
Acq: 18 Sep 2020 19:23

Instrument :  
BNA\_P  
ClientSampleId :  
TR-08-091720



Tgt Ion: 276 Resp: 188094  
Ion Ratio Lower Upper  
276 100  
277 24.0 19.0 28.6  
138 18.9 16.6 24.8

Manual Integrations  
APPROVED

mohammad  
9/21/2020 10:35:52 AM

