

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012422\  
 Data File : BP008889.D  
 Acq On : 24 Jan 2022 16:27  
 Operator : CG/JU  
 Sample : N1208-04  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SP25-07-20220119-29.5-30.0

Quant Time: Jan 25 04:11:20 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 14 18:05:00 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/25/2022  
 Supervised By : Jagrut Upadhyay 01/25/2022

| Compound                    | R.T.   | QIon | Response  | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|-----------|---------|-------|----------|
| -----                       |        |      |           |         |       |          |
| Internal Standards          |        |      |           |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.846  | 152  | 327661    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 10.645 | 136  | 1325941   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.486 | 164  | 891253    | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.245 | 188  | 1820167   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.345 | 240  | 1486306   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.762 | 264  | 1519180   | 20.000  | ng    | 0.00     |
|                             |        |      |           |         |       |          |
| System Monitoring Compounds |        |      |           |         |       |          |
| 5) 2-Fluorophenol           | 5.434  | 112  | 2104000   | 99.300  | ng    | 0.00     |
| 7) Phenol-d6                | 7.022  | 99   | 2673872   | 104.212 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.004  | 82   | 1629938   | 69.790  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.986 | 330  | 1426390   | 109.950 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.110 | 172  | 3902224   | 57.739  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.810 | 244  | 5421911   | 61.575  | ng    | 0.00     |
|                             |        |      |           |         |       |          |
| Target Compounds            |        |      |           |         |       | Qvalue   |
| 10) Phenol                  | 7.051  | 94   | 86165     | 3.294   | ng    | 86       |
| 20) 3+4-Methylphenols       | 8.628  | 107  | 80709     | 3.469   | ng    | 98       |
| 31) Naphthalene             | 10.704 | 128  | 11448789  | 158.974 | ng    | 98       |
| 37) 2-Methylnaphthalene     | 12.310 | 142  | 3959308   | 75.205  | ng    | 98       |
| 38) 1-Methylnaphthalene     | 12.528 | 142  | 2374228   | 49.132  | ng    | 100      |
| 46) 1,1'-Biphenyl           | 13.316 | 154  | 956470    | 13.191  | ng    | 100      |
| 49) Acenaphthylene          | 14.204 | 152  | 1562763   | 18.500  | ng    | 98       |
| 52) Acenaphthene            | 14.551 | 154  | 2127951   | 42.473  | ng    | 99       |
| 55) Dibenzofuran            | 14.886 | 168  | 3678857   | 45.062  | ng    | 98       |
| 58) Fluorene                | 15.539 | 166  | 4523162   | 70.145  | ng    | 98       |
| 71) Phenanthrene            | 17.292 | 178  | 17017936m | 166.059 | ng    |          |
| 72) Anthracene              | 17.386 | 178  | 7662206   | 74.531  | ng    | 98       |
| 73) Carbazole               | 17.651 | 167  | 1002385   | 11.340  | ng    | 99       |
| 75) Fluoranthene            | 19.280 | 202  | 14564458  | 127.798 | ng    | 95       |
| 78) Pyrene                  | 19.633 | 202  | 12022313  | 115.925 | ng    | 96       |
| 81) Benzo(a)anthracene      | 21.327 | 228  | 7168551   | 71.691  | ng    | 96       |
| 83) Chrysene                | 21.380 | 228  | 6110176   | 63.036  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene  | 26.298 | 276  | 3611124   | 28.847  | ng    | # 96     |
| 88) Benzo(b)fluoranthene    | 23.033 | 252  | 6719902   | 66.235  | ng    | 99       |
| 89) Benzo(k)fluoranthene    | 23.068 | 252  | 2670354m  | 27.191  | ng    |          |
| 90) Benzo(a)pyrene          | 23.662 | 252  | 6077433   | 62.061  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene  | 26.298 | 278  | 1036482m  | 9.737   | ng    |          |
| 92) Benzo(g,h,i)perylene    | 27.074 | 276  | 2994228   | 28.810  | ng    | 99       |
| -----                       |        |      |           |         |       |          |

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

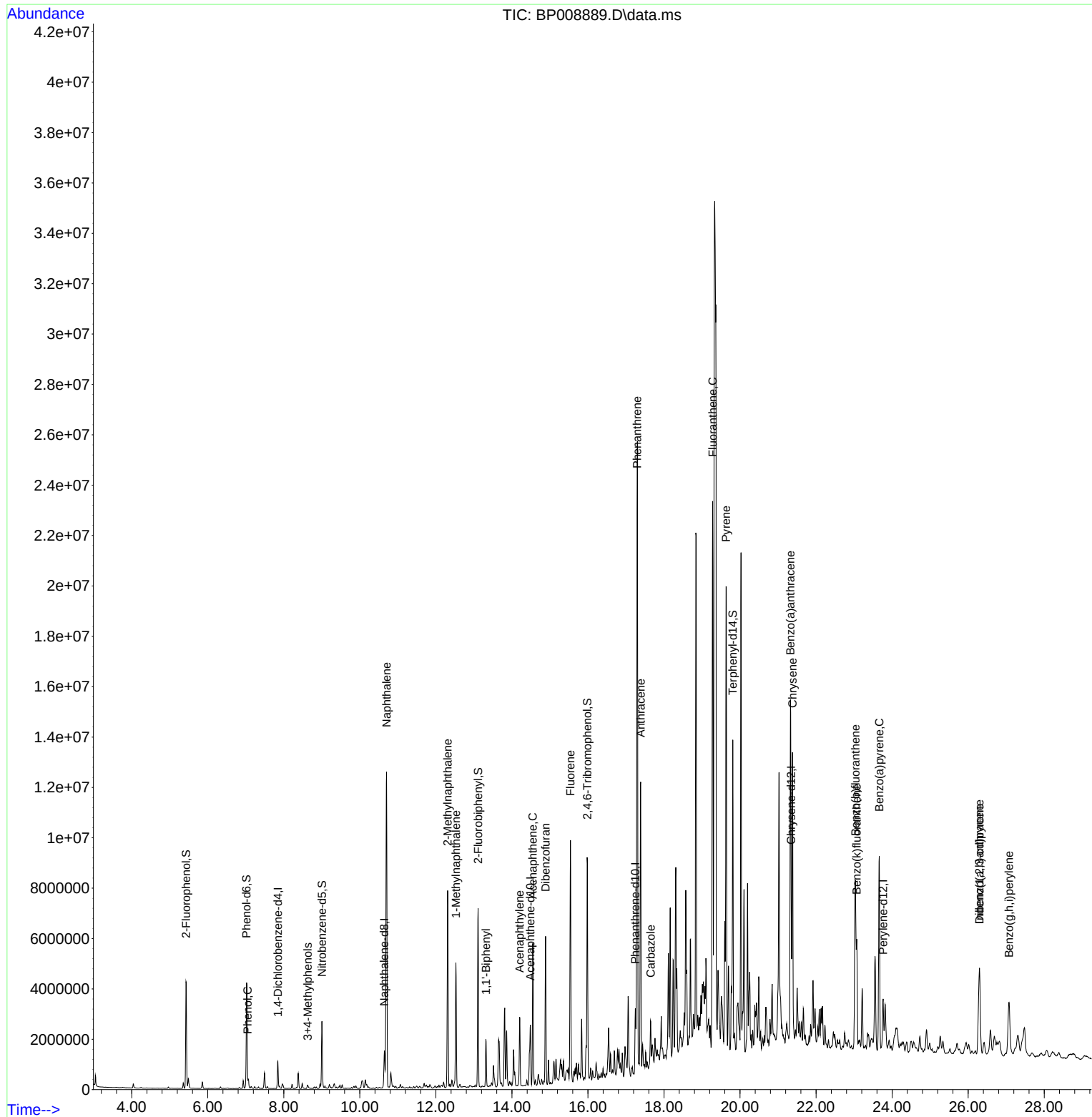
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Data File : BP008889.D  
Acq On : 24 Jan 2022 16:27  
Operator : CG/JU  
Sample : N1208-04  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

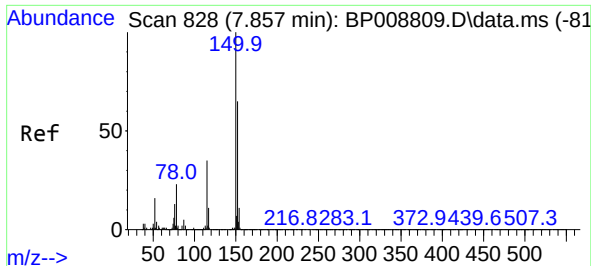
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BNA\_P  
ClientSampleId :  
SP25-07-20220119-29.5-30.0

Quant Time: Jan 25 04:11:20 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jan 14 18:05:00 2022  
Response via : Initial Calibration

Manual Integrations  
APPROVED

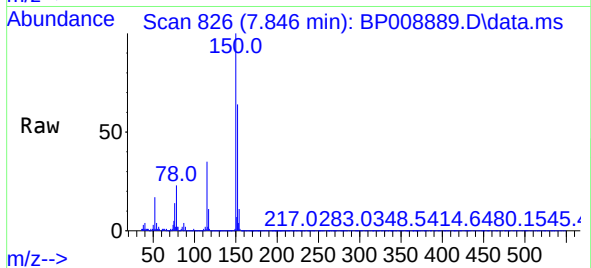
Reviewed By :Christian Giraldo 01/25/2022  
Supervised By :Jagrut Upadhyay 01/25/2022





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.846 min Scan# 81  
Delta R.T. -0.011 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

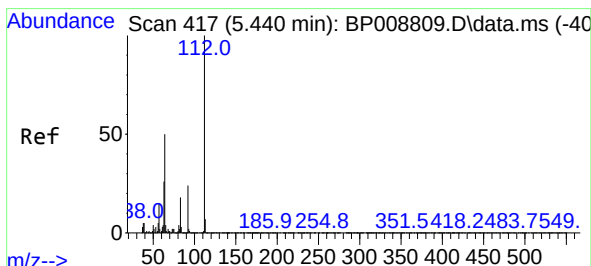
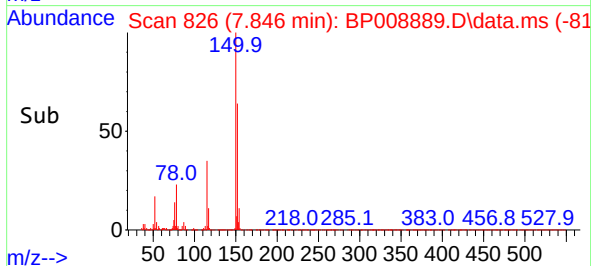
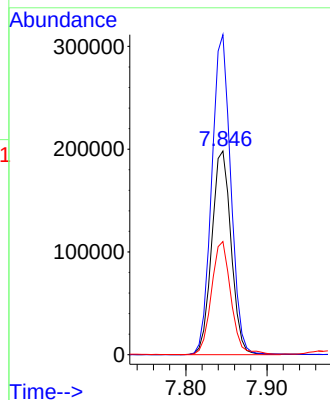
Instrument :  
BNA\_P  
ClientSampleId :  
SP25-07-20220119-29.5-30.0



Tgt Ion:152 Resp: 32766  
Ion Ratio Lower Upper  
152 100  
150 157.1 127.0 190.6  
115 55.5 43.7 65.5

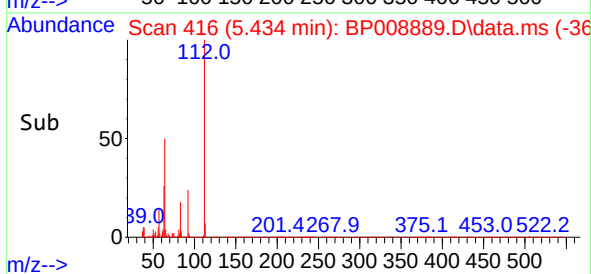
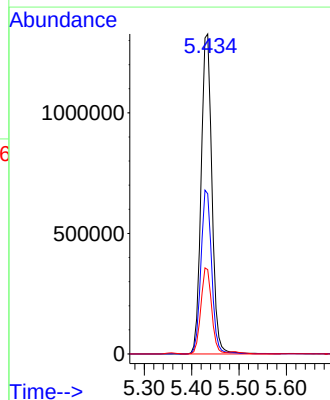
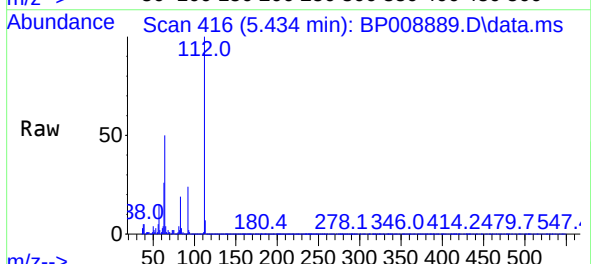
Manual Integrations  
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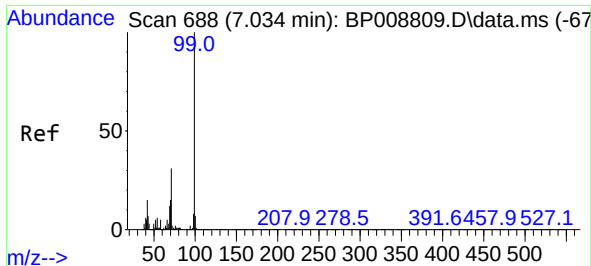
Reviewed By :Christian Giraldo 01/25/2022  
Supervised By :Jagrut Upadhyay 01/25/2022



#5  
2-Fluorophenol  
Concen: 99.300 ng  
RT: 5.434 min Scan# 416  
Delta R.T. -0.006 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

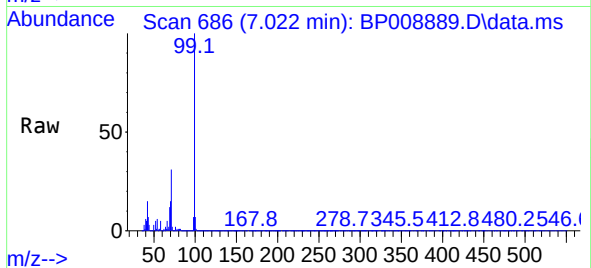
Tgt Ion:112 Resp: 2104000  
Ion Ratio Lower Upper  
112 100  
64 50.0 39.7 59.5  
63 26.3 20.0 30.0





#7  
Phenol-d6  
Concen: 104.212 ng  
RT: 7.022 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

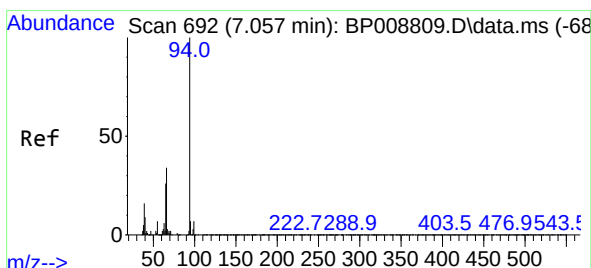
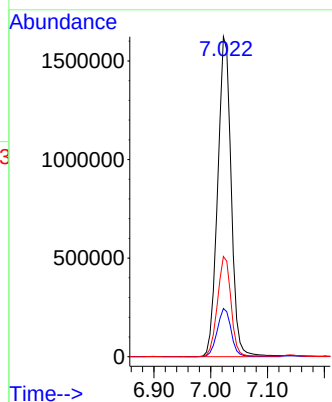
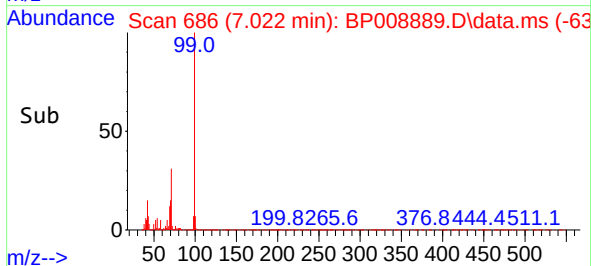
Instrument :  
BNA\_P  
ClientSampleId :  
SP25-07-20220119-29.5-30.0



Tgt Ion: 99 Resp: 267387  
Ion Ratio Lower Upper  
99 100  
42 15.1 10.8 16.2  
71 31.3 23.8 35.6

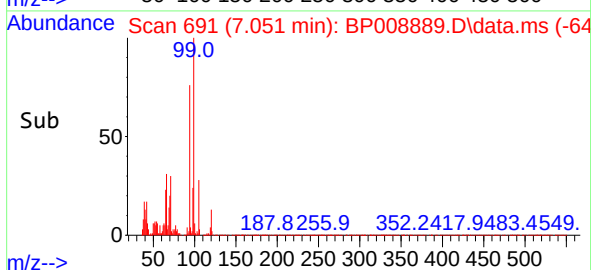
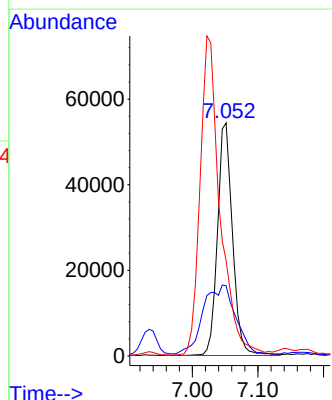
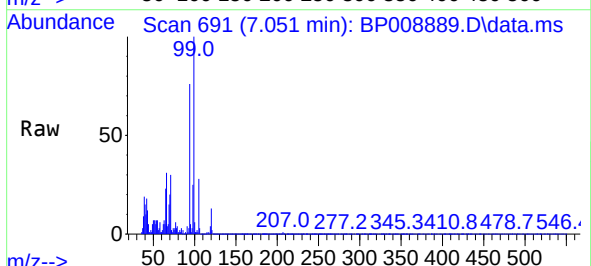
Manual Integrations  
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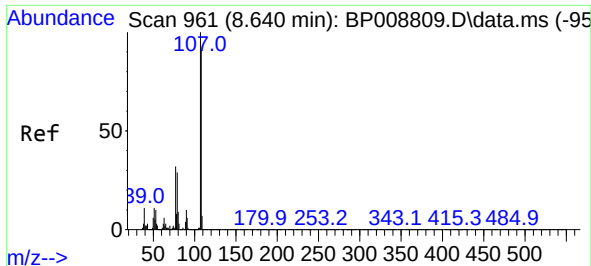
Reviewed By :Christian Giraldo 01/25/2022  
Supervised By :Jagrut Upadhyay 01/25/2022



#10  
Phenol  
Concen: 3.294 ng  
RT: 7.051 min Scan# 691  
Delta R.T. -0.006 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

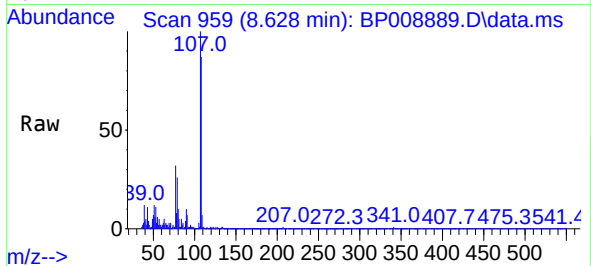
Tgt Ion: 94 Resp: 86165  
Ion Ratio Lower Upper  
94 100  
65 30.1 4.1 44.1  
66 40.8 12.4 52.4





#20  
3+4-Methylphenols  
Concen: 3.469 ng  
RT: 8.628 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

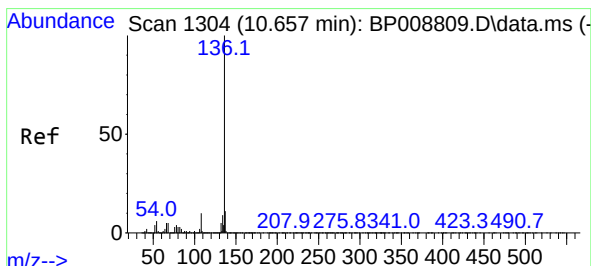
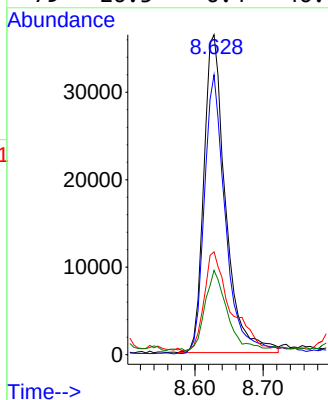
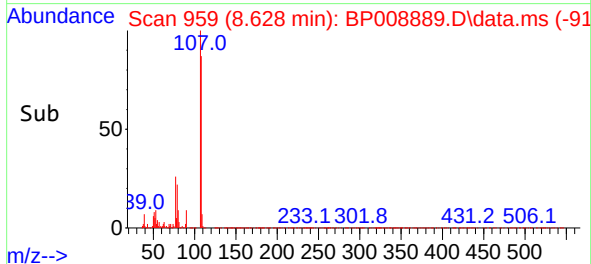
Instrument :  
BNA\_P  
ClientSampleId :  
SP25-07-20220119-29.5-30.0



Tgt Ion:107 Resp: 80709  
Ion Ratio Lower Upper  
107 100  
108 87.4 69.8 109.8  
77 32.2 10.4 50.4  
79 26.3 6.4 46.4

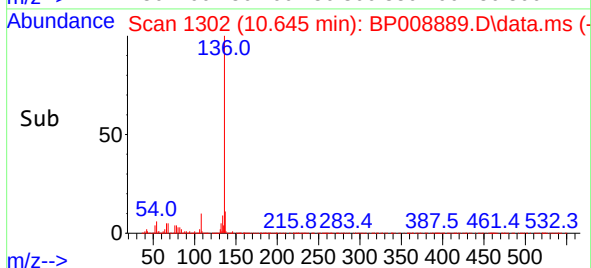
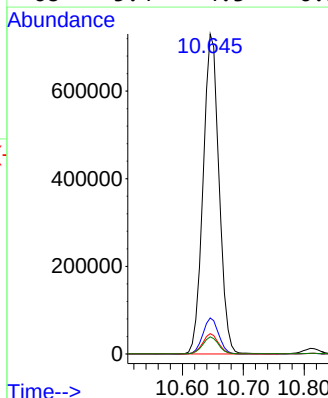
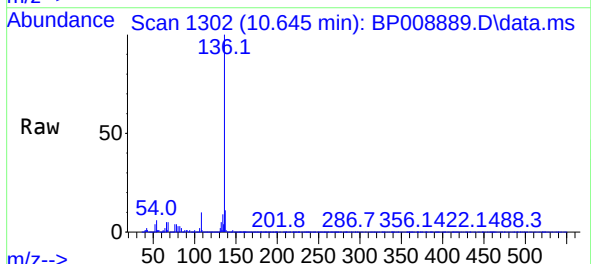
Manual Integrations  
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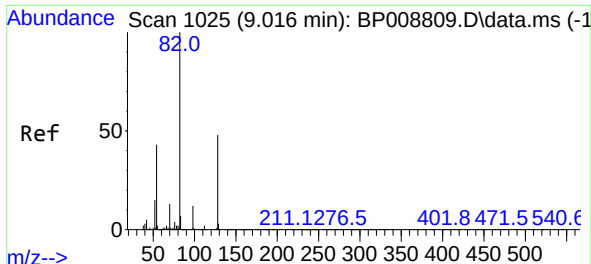
Reviewed By :Christian Giraldo 01/25/2022  
Supervised By :Jagrut Upadhyay 01/25/2022



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.645 min Scan# 1302  
Delta R.T. -0.012 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

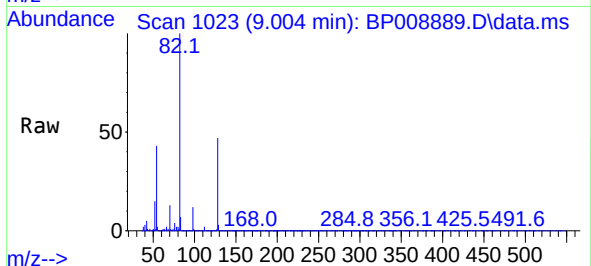
Tgt Ion:136 Resp: 1325941  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.0 13.4  
54 6.3 4.9 7.3  
68 5.4 4.3 6.5





#23  
Nitrobenzene-d5  
Concen: 69.790 ng  
RT: 9.004 min Scan# 1023  
Delta R.T. -0.012 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

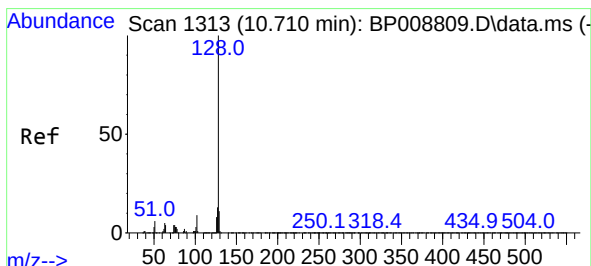
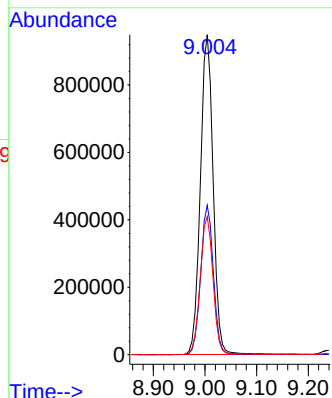
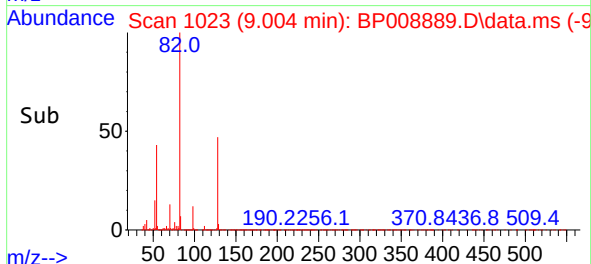
Instrument :  
BNA\_P  
ClientSampleId :  
SP25-07-20220119-29.5-30.0



Tgt Ion: 82 Resp: 1629938  
Ion Ratio Lower Upper  
82 100  
128 46.7 39.4 59.2  
54 43.2 32.6 48.8

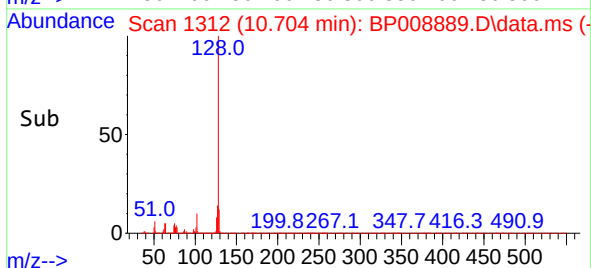
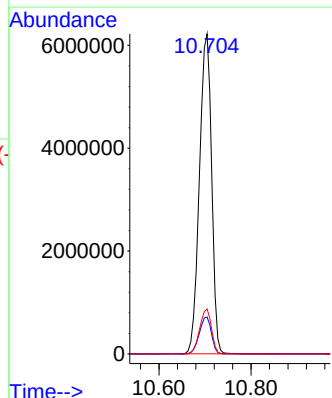
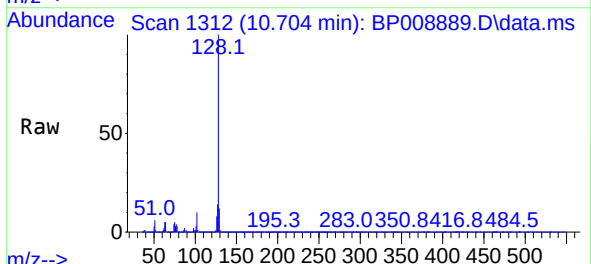
Manual Integrations  
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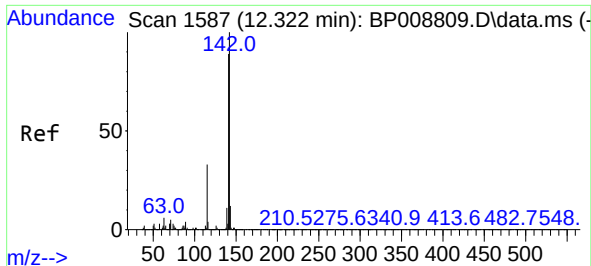
Reviewed By :Christian Giraldo 01/25/2022  
Supervised By :Jagrut Upadhyay 01/25/2022



#31  
Naphthalene  
Concen: 158.974 ng  
RT: 10.704 min Scan# 1312  
Delta R.T. -0.006 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

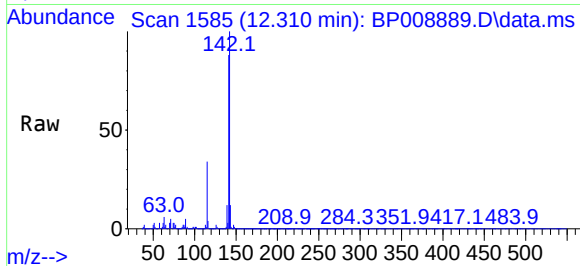
Tgt Ion:128 Resp:11448789  
Ion Ratio Lower Upper  
128 100  
129 11.6 8.8 13.2  
127 14.0 10.4 15.6





#37  
2-Methylnaphthalene  
Concen: 75.205 ng  
RT: 12.310 min Scan# 1585  
Delta R.T. -0.012 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

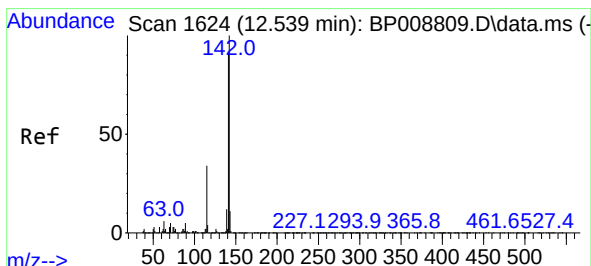
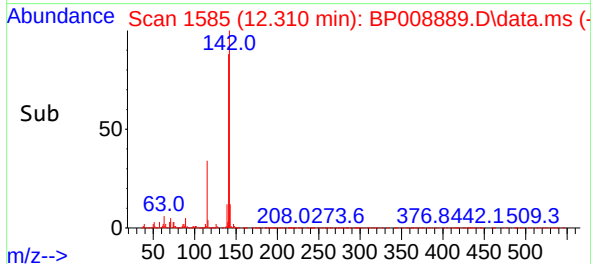
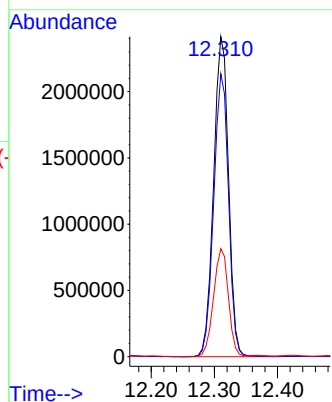
Instrument :  
BNA\_P  
ClientSampleId :  
SP25-07-20220119-29.5-30.0



Tgt Ion:142 Resp: 3959308  
Ion Ratio Lower Upper  
142 100  
141 88.4 70.5 105.7  
115 33.8 24.6 36.8

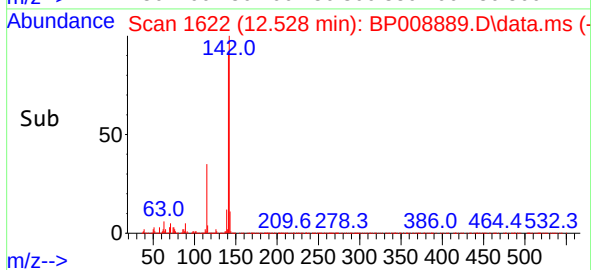
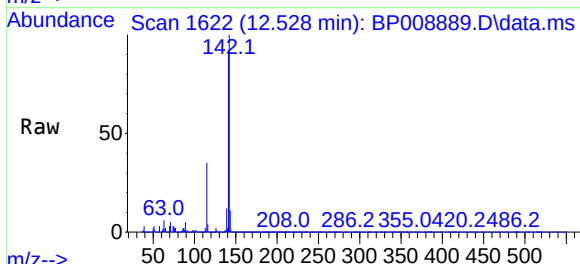
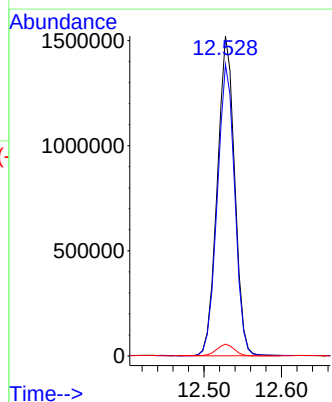
Manual Integrations  
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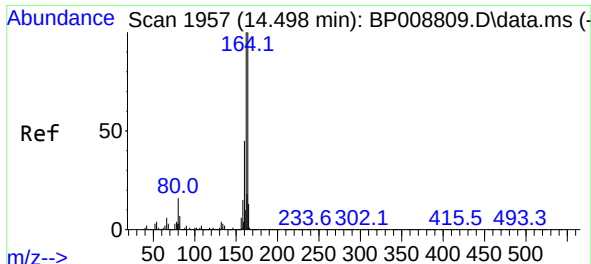
Reviewed By :Christian Giraldo 01/25/2022  
Supervised By :Jagrut Upadhyay 01/25/2022



#38  
1-Methylnaphthalene  
Concen: 49.132 ng  
RT: 12.528 min Scan# 1622  
Delta R.T. -0.012 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

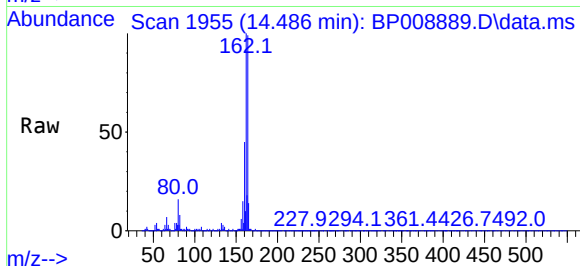
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Ion Ratio Lower Upper  
142 100  
141 91.1 73.2 109.8  
116 3.7 2.7 4.1





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.486 min Scan# 1955  
Delta R.T. -0.012 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

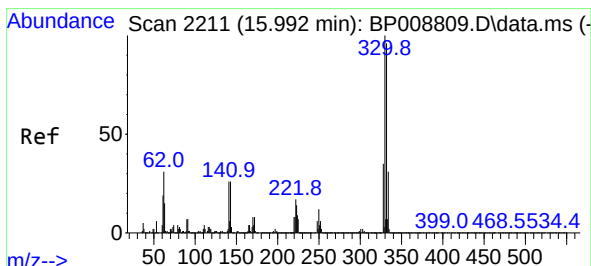
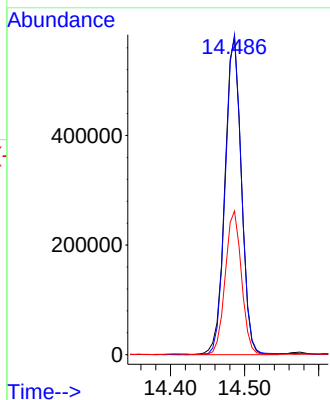
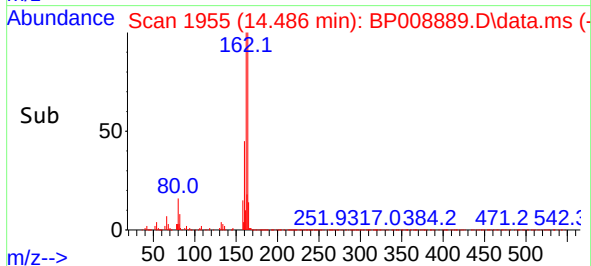
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BNA\_P  
ClientSampleId :  
SP25-07-20220119-29.5-30.0



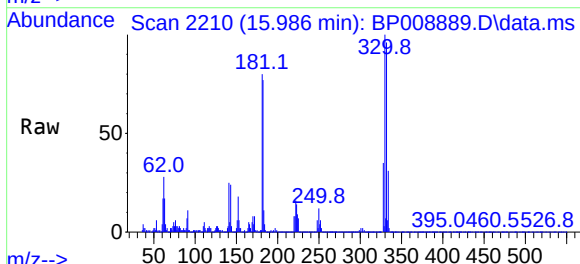
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Manual Integrations  
APPROVED

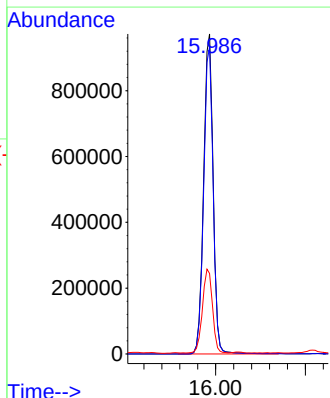
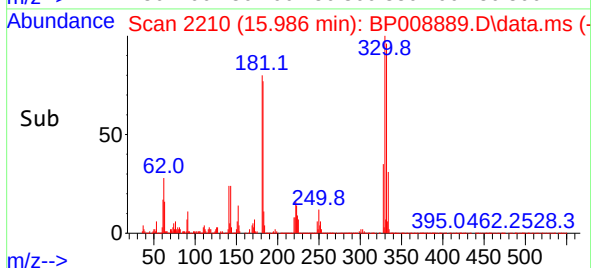
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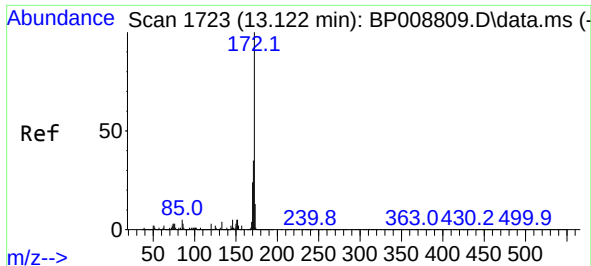
#42  
2,4,6-Tribromophenol  
Concen: 109.950 ng  
RT: 15.986 min Scan# 2210  
Delta R.T. -0.006 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27



Tgt Ion:330 Resp: 1426390  
Ion Ratio Lower Upper  
330 100  
332 95.7 77.0 115.4  
141 27.5 21.3 31.9

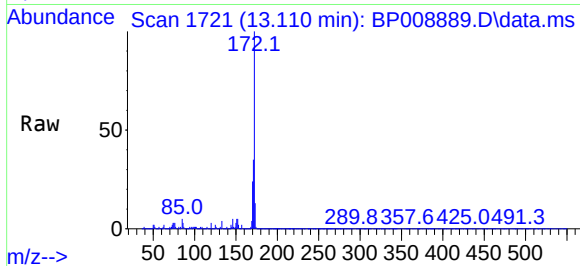






#45  
2-Fluorobiphenyl  
Concen: 57.739 ng  
RT: 13.110 min Scan# 1721  
Delta R.T. -0.012 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

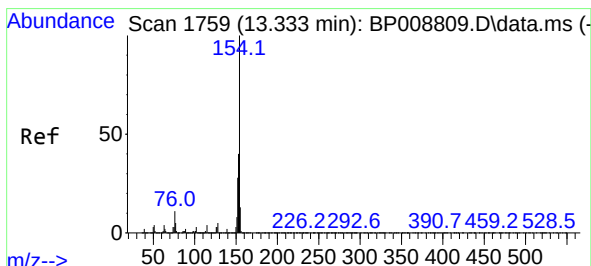
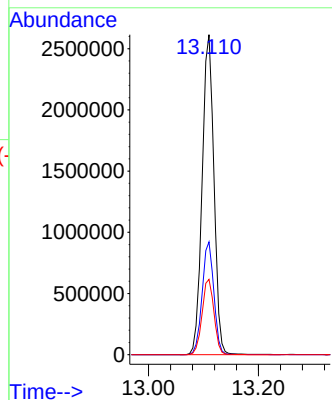
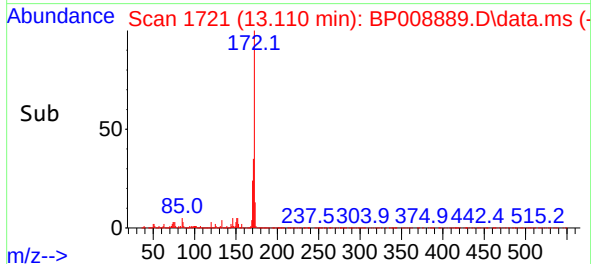
Instrument :  
BNA\_P  
ClientSampleId :  
SP25-07-20220119-29.5-30.0



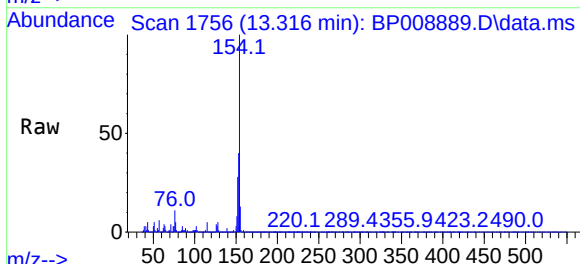
Tgt Ion:172 Resp: 3902224  
Ion Ratio Lower Upper  
172 100  
171 35.3 29.3 43.9  
170 23.5 19.5 29.3

Manual Integrations  
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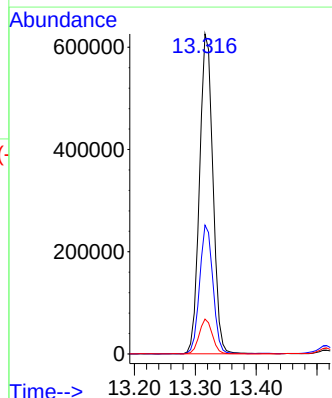
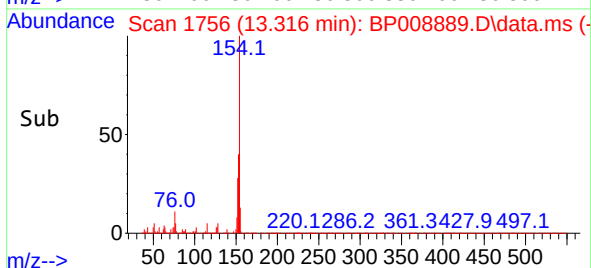
Reviewed By :Christian Giraldo 01/25/2022  
Supervised By :Jagrut Upadhyay 01/25/2022

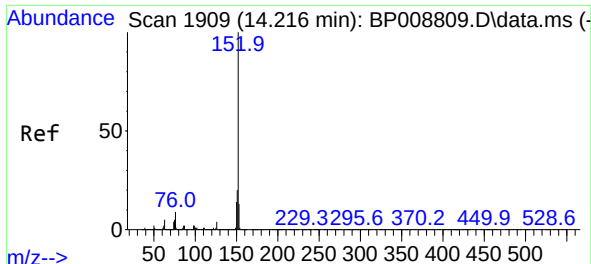


#46  
1,1'-Biphenyl  
Concen: 13.191 ng  
RT: 13.316 min Scan# 1756  
Delta R.T. -0.018 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27



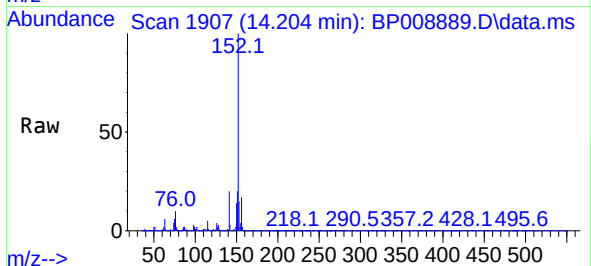
Tgt Ion:154 Resp: 956470  
Ion Ratio Lower Upper  
154 100  
153 40.2 20.3 60.3  
76 10.9 0.0 31.1





#49  
Acenaphthylene  
Concen: 18.500 ng  
RT: 14.204 min Scan# 1909  
Delta R.T. -0.012 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

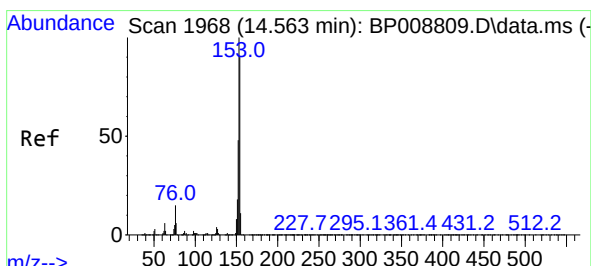
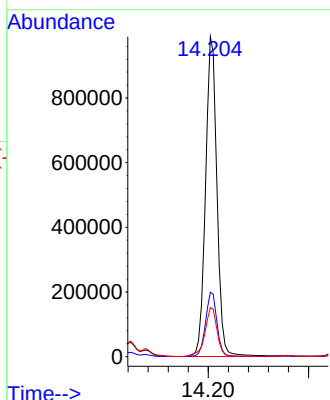
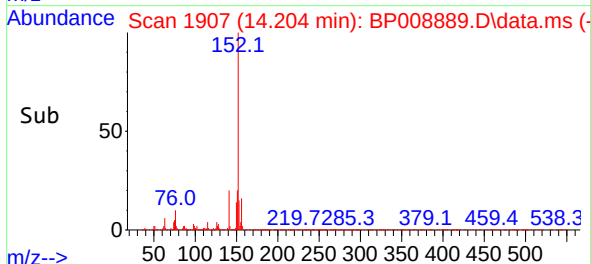
Instrument :  
BNA\_P  
ClientSampleId :  
SP25-07-20220119-29.5-30.0



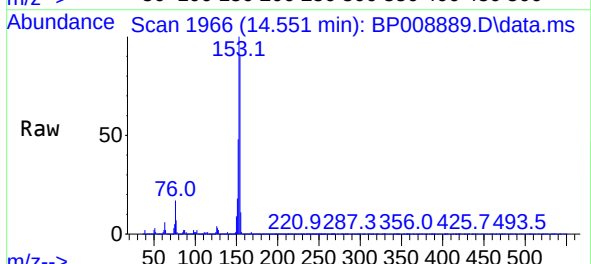
Tgt Ion:152 Resp: 156276  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.1 24.1  
153 15.4 10.6 16.0

Manual Integrations  
APPROVED

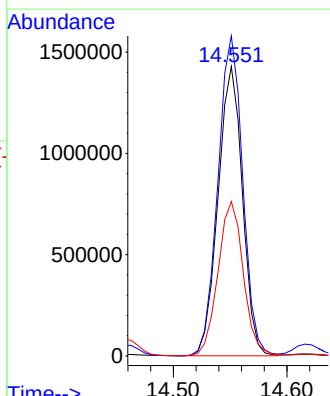
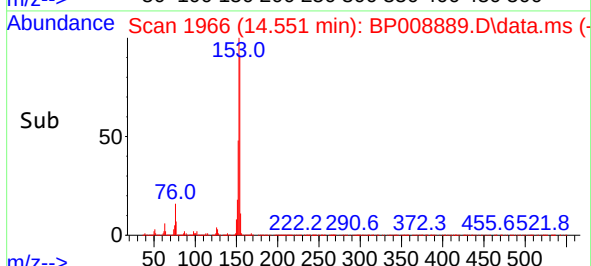
Reviewed By :Christian Giraldo 01/25/2022  
Supervised By :Jagrut Upadhyay 01/25/2022

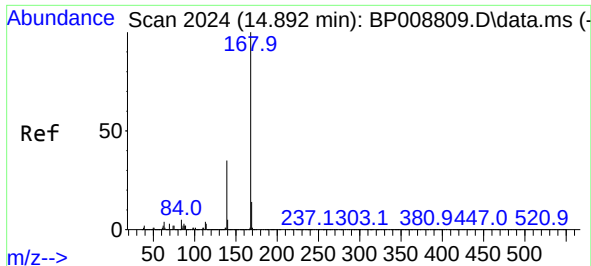


#52  
Acenaphthene  
Concen: 42.473 ng  
RT: 14.551 min Scan# 1966  
Delta R.T. -0.012 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27



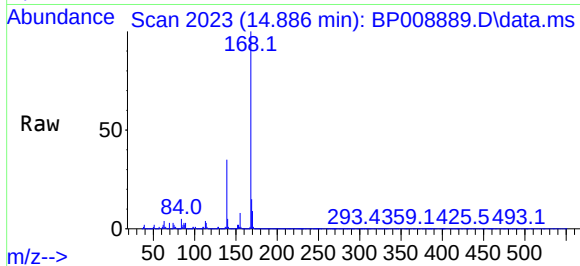
Tgt Ion:154 Resp: 2127951  
Ion Ratio Lower Upper  
154 100  
153 110.5 89.4 134.2  
152 53.3 42.6 63.8





#55  
Dibenzenofuran  
Concen: 45.062 ng  
RT: 14.886 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

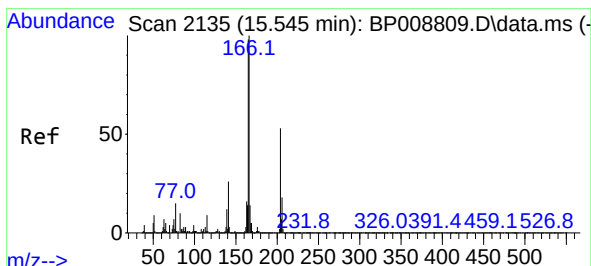
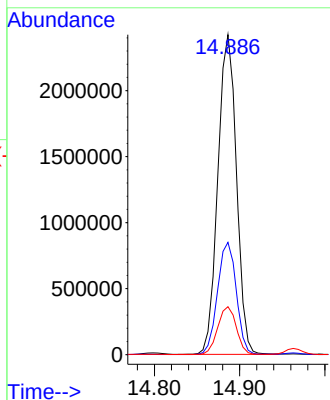
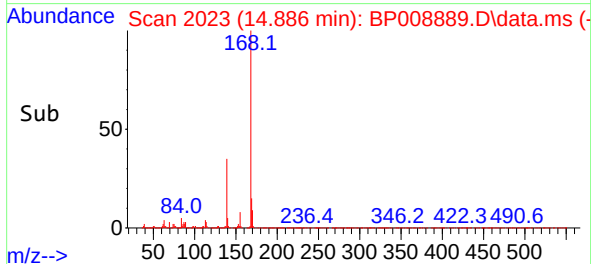
Instrument :  
BNA\_P  
ClientSampleId :  
SP25-07-20220119-29.5-30.0



Tgt Ion:168 Resp: 367885  
Ion Ratio Lower Upper  
168 100  
139 35.1 27.4 41.0  
169 15.0 10.9 16.3

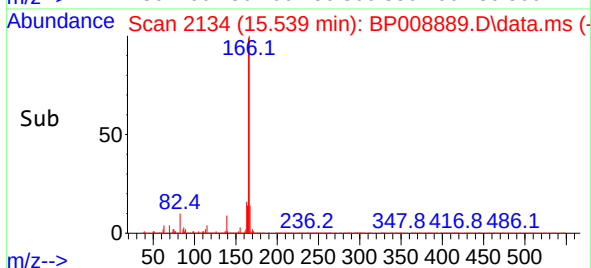
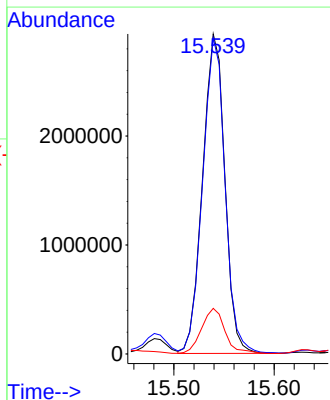
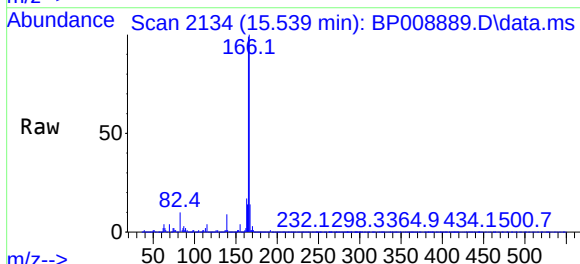
Manual Integrations  
APPROVED

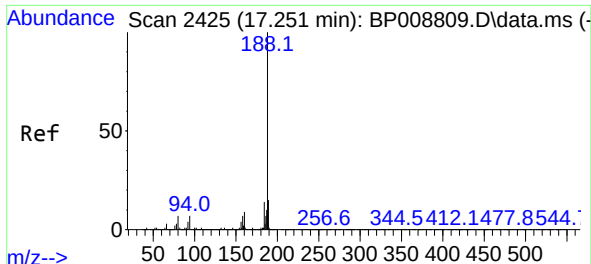
Reviewed By :Christian Giraldo 01/25/2022  
Supervised By :Jagrut Upadhyay 01/25/2022



#58  
Fluorene  
Concen: 70.145 ng  
RT: 15.539 min Scan# 2134  
Delta R.T. -0.006 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

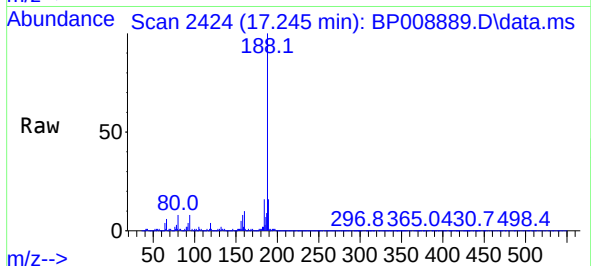
Tgt Ion:166 Resp: 4523162  
Ion Ratio Lower Upper  
166 100  
165 98.8 77.2 115.8  
167 14.3 11.2 16.8





#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.245 min Scan# 2425  
Delta R.T. -0.006 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

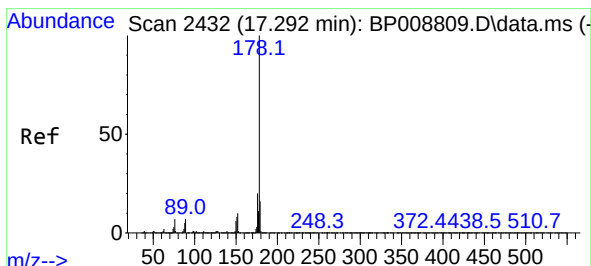
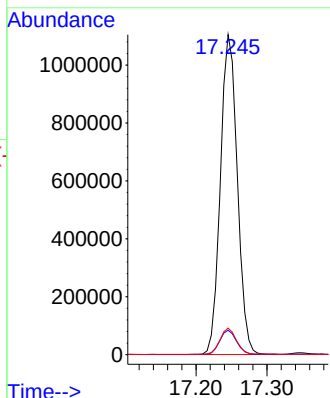
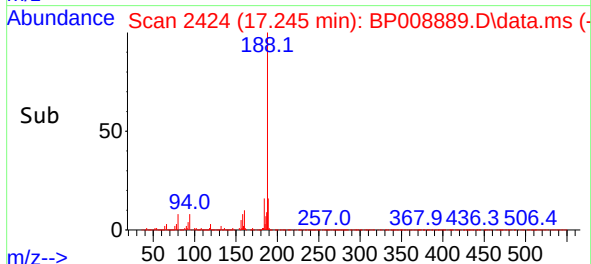
Instrument :  
BNA\_P  
ClientSampleId :  
SP25-07-20220119-29.5-30.0



Tgt Ion:188 Resp: 182016  
Ion Ratio Lower Upper  
188 100  
94 7.6 6.8 10.2  
80 8.3 7.2 10.8

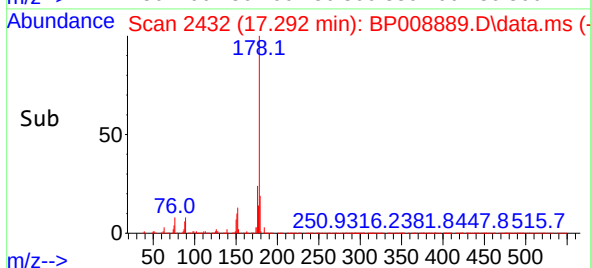
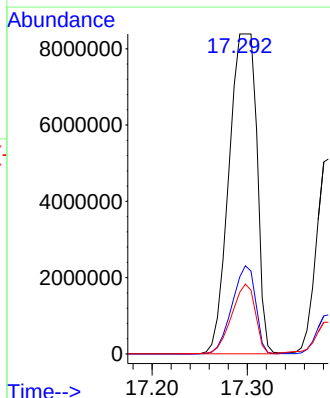
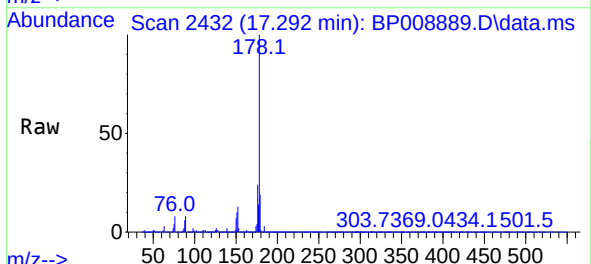
Manual Integrations  
APPROVED

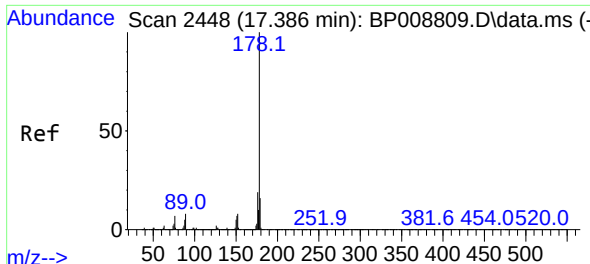
Reviewed By :Christian Giraldo 01/25/2022  
Supervised By :Jagrut Upadhyay 01/25/2022



#71  
Phenanthrene  
Concen: 166.059 ng m  
RT: 17.292 min Scan# 2432  
Delta R.T. 0.000 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

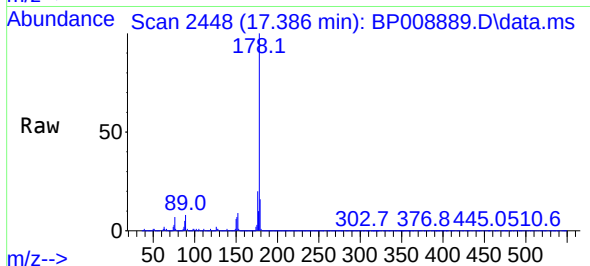
Tgt Ion:178 Resp:17017936  
Ion Ratio Lower Upper  
178 100  
176 24.1 16.0 24.0#  
179 19.3 13.0 19.4





#72  
 Anthracene  
 Concen: 74.531 ng  
 RT: 17.386 min Scan# 2448  
 Delta R.T. 0.000 min  
 Lab File: BP008889.D  
 Acq: 24 Jan 2022 16:27

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SP25-07-20220119-29.5-30.0

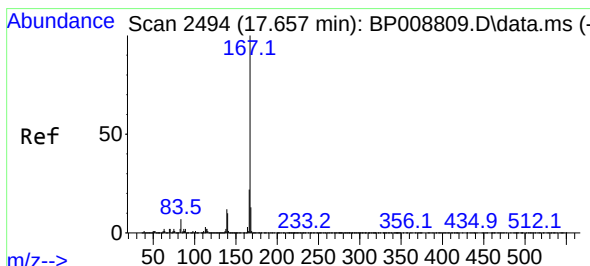
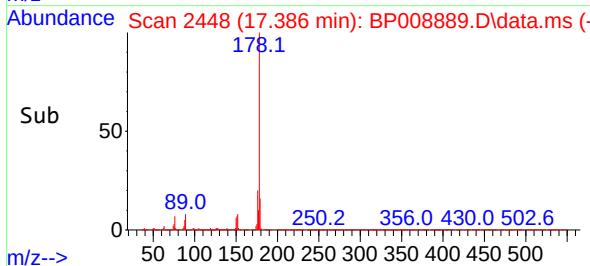
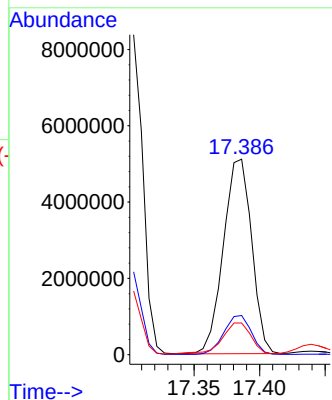


Tgt Ion:178 Resp: 7662200  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 20.1  | 15.1  | 22.7  |
| 179 | 16.2  | 12.8  | 19.2  |

Manual Integrations  
 APPROVED

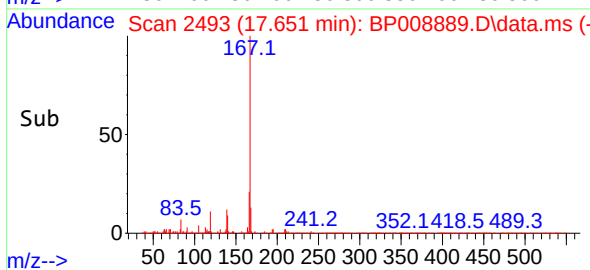
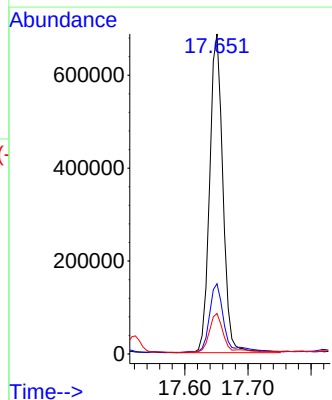
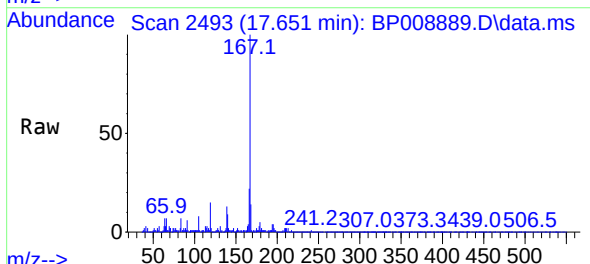
Reviewed By :Christian Giraldo 01/25/2022  
 Supervised By :Jagrut Upadhyay 01/25/2022

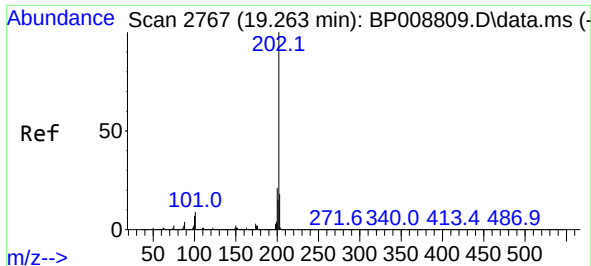


#73  
 Carbazole  
 Concen: 11.340 ng  
 RT: 17.651 min Scan# 2493  
 Delta R.T. -0.006 min  
 Lab File: BP008889.D  
 Acq: 24 Jan 2022 16:27

Tgt Ion:167 Resp: 1002385  

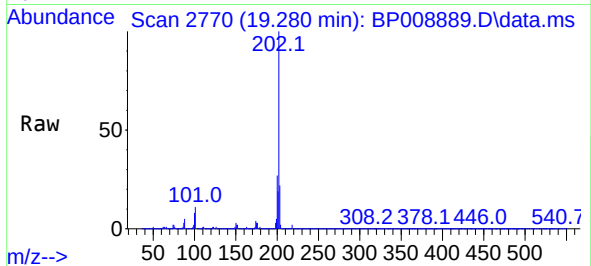
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.0  | 17.7  | 26.5  |
| 139 | 12.6  | 9.8   | 14.6  |





#75  
Fluoranthene  
Concen: 127.798 ng  
RT: 19.280 min Scan# 21  
Delta R.T. 0.018 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

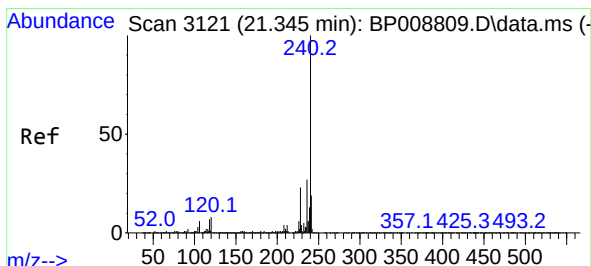
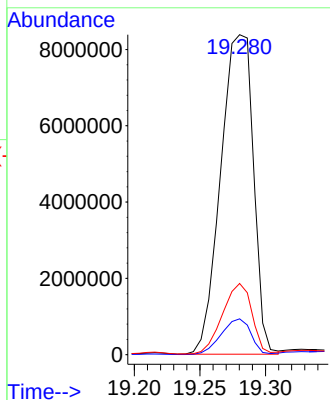
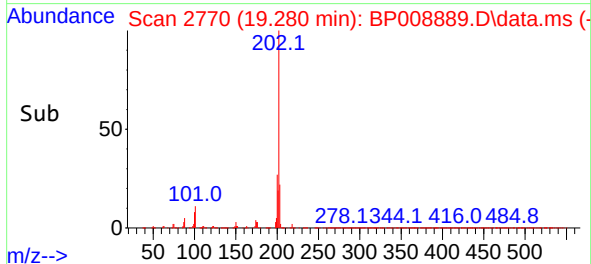
Instrument :  
BNA\_P  
ClientSampleId :  
SP25-07-20220119-29.5-30.0



Tgt Ion:202 Resp:14564458  
Ion Ratio Lower Upper  
202 100  
101 11.2 0.0 30.7  
203 22.2 0.0 38.9

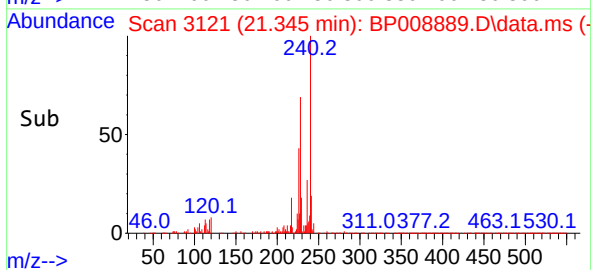
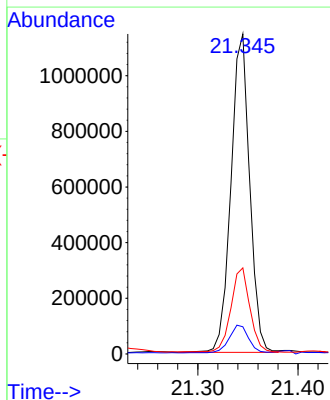
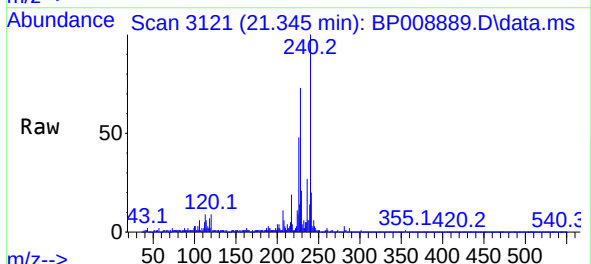
Manual Integrations  
APPROVED

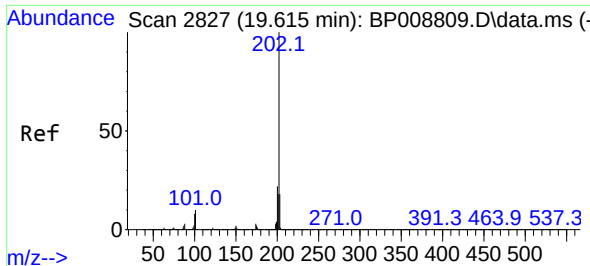
Reviewed By :Christian Giraldo 01/25/2022  
Supervised By :Jagrut Upadhyay 01/25/2022



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.345 min Scan# 3121  
Delta R.T. 0.000 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

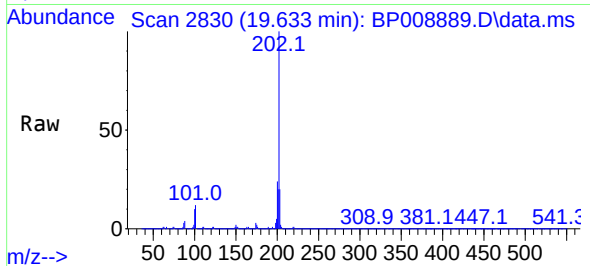
Tgt Ion:240 Resp: 1486306  
Ion Ratio Lower Upper  
240 100  
120 8.5 7.7 11.5  
236 26.9 21.2 31.8





#78  
Pyrene  
Concen: 115.925 ng  
RT: 19.633 min Scan# 2830  
Delta R.T. 0.018 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

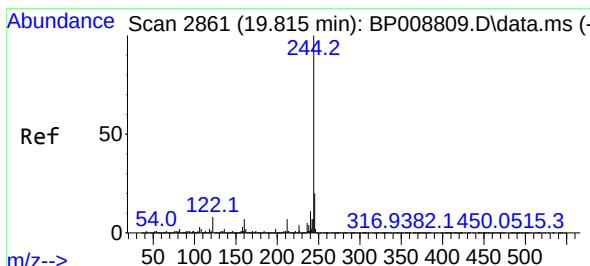
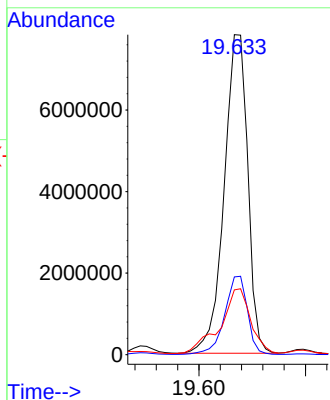
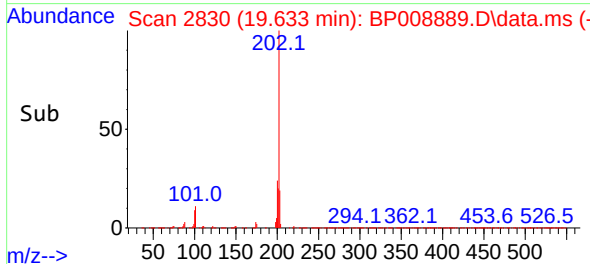
Instrument :  
BNA\_P  
ClientSampleId :  
SP25-07-20220119-29.5-30.0



Tgt Ion:202 Resp:1202231  
Ion Ratio Lower Upper  
202 100  
200 24.3 18.0 27.0  
203 20.2 15.0 22.6

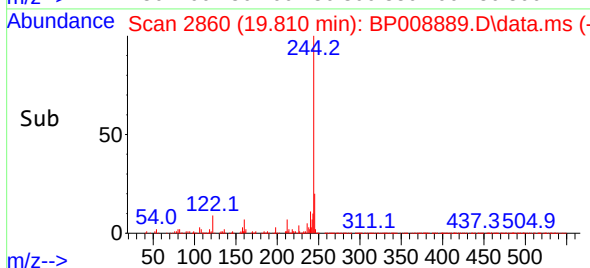
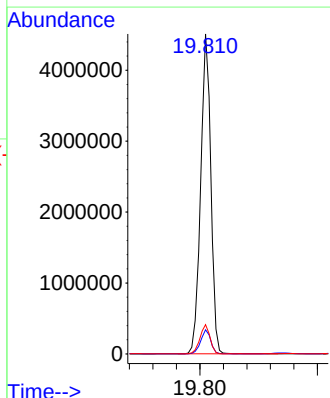
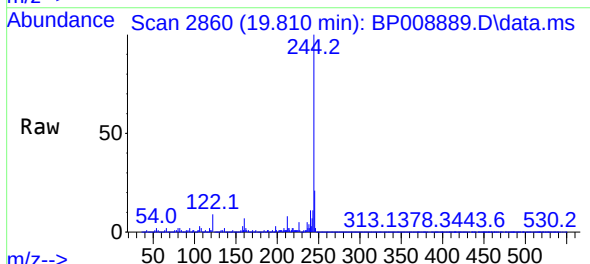
Manual Integrations  
APPROVED

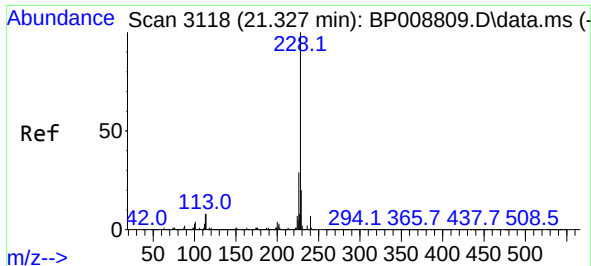
Reviewed By :Christian Giraldo 01/25/2022  
Supervised By :Jagrut Upadhyay 01/25/2022



#79  
Terphenyl-d14  
Concen: 61.575 ng  
RT: 19.810 min Scan# 2860  
Delta R.T. -0.006 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

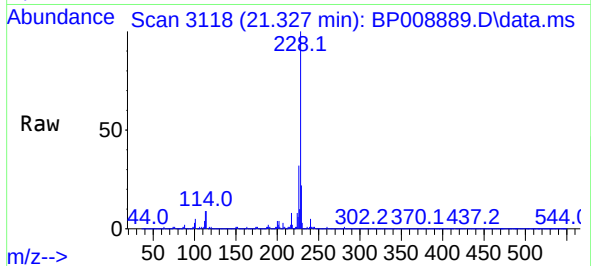
Tgt Ion:244 Resp: 5421911  
Ion Ratio Lower Upper  
244 100  
212 7.6 6.5 9.7  
122 9.1 9.2 13.8#





#81  
Benzo(a)anthracene  
Concen: 71.691 ng  
RT: 21.327 min Scan# 3118  
Delta R.T. 0.000 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

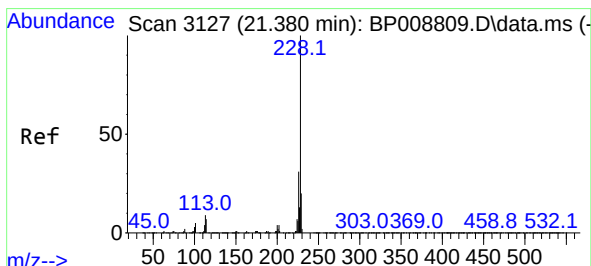
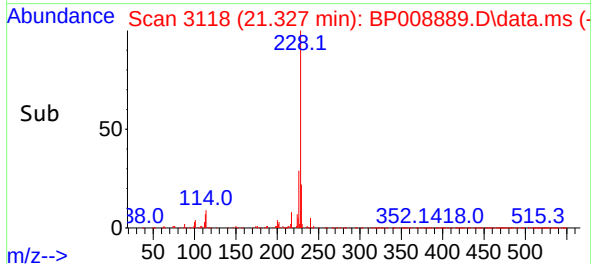
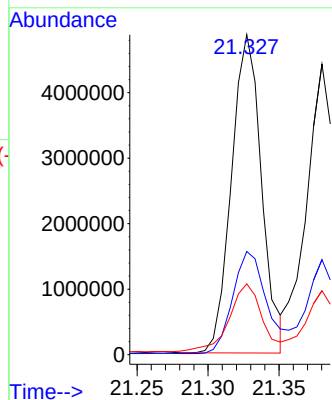
Instrument :  
BNA\_P  
ClientSampleId :  
SP25-07-20220119-29.5-30.0



Tgt Ion:228 Resp: 716855  
Ion Ratio Lower Upper  
228 100  
226 32.3 23.3 34.9  
229 22.2 17.0 25.6

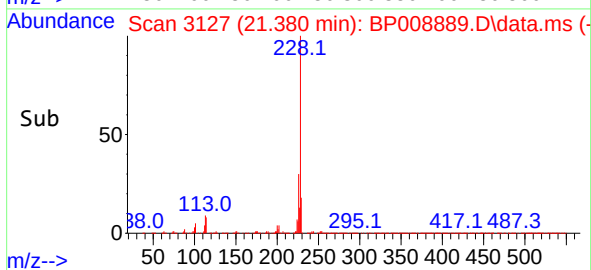
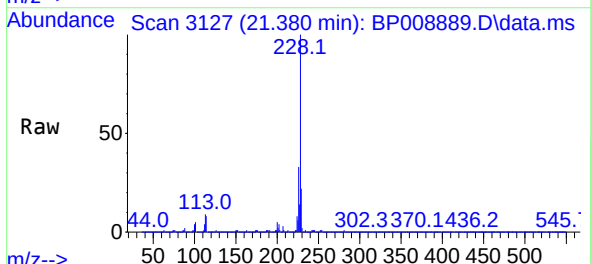
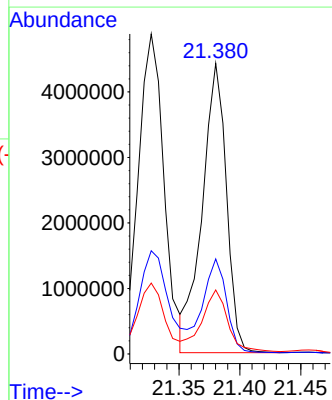
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 01/25/2022  
Supervised By :Jagrut Upadhyay 01/25/2022

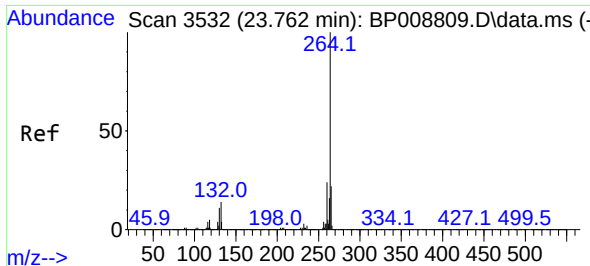


#83  
Chrysene  
Concen: 63.036 ng  
RT: 21.380 min Scan# 3127  
Delta R.T. 0.000 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

Tgt Ion:228 Resp: 6110176  
Ion Ratio Lower Upper  
228 100  
226 32.7 26.0 39.0  
229 22.0 16.9 25.3

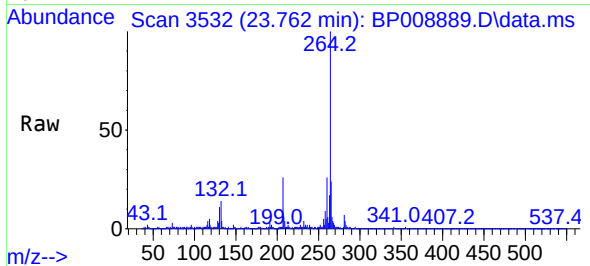






#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.762 min Scan# 3532  
Delta R.T. 0.000 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

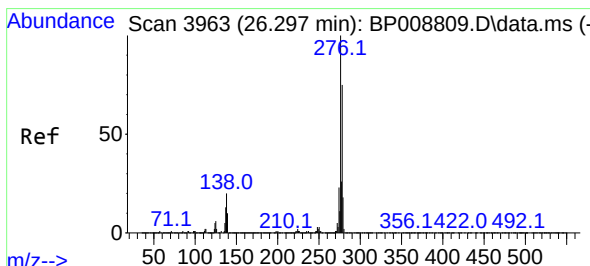
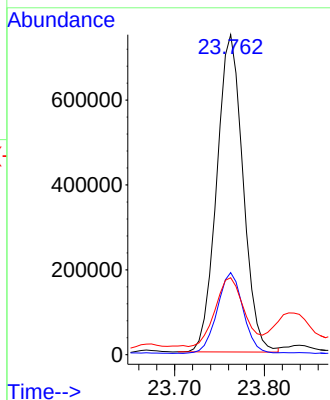
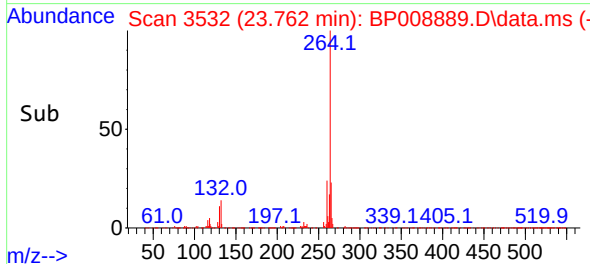
Instrument :  
BNA\_P  
ClientSampleId :  
SP25-07-20220119-29.5-30.0



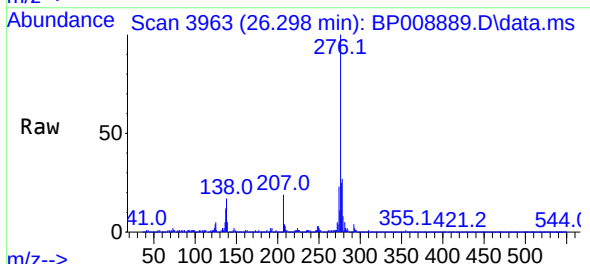
Tgt Ion:264 Resp: 1519180  
Ion Ratio Lower Upper  
264 100  
260 25.6 19.1 28.7  
265 24.1 17.1 25.7

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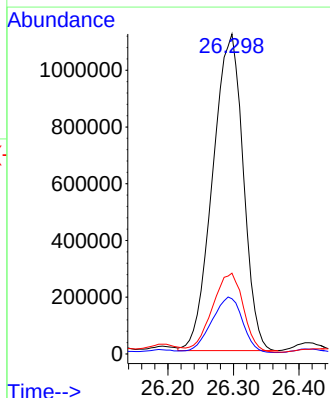
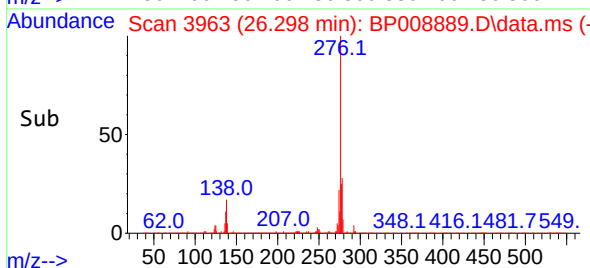
Reviewed By :Christian Giraldo 01/25/2022  
Supervised By :Jagrut Upadhyay 01/25/2022

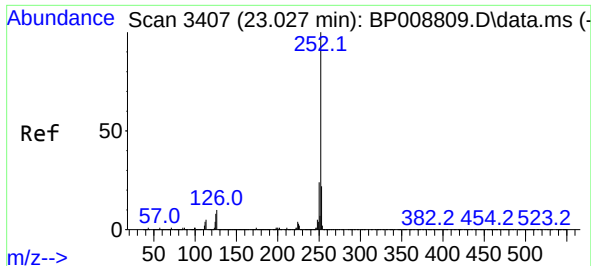


#87  
Indeno(1,2,3-cd)pyrene  
Concen: 28.847 ng  
RT: 26.298 min Scan# 3963  
Delta R.T. 0.000 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27



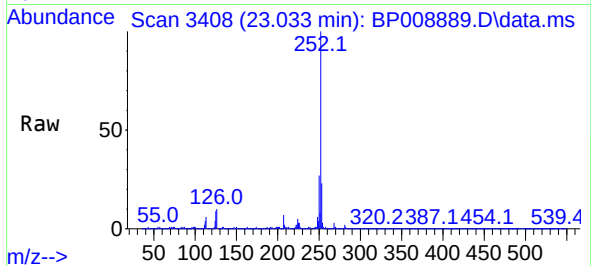
Tgt Ion:276 Resp: 3611124  
Ion Ratio Lower Upper  
276 100  
138 17.7 17.8 26.6#  
277 25.5 20.4 30.6





#88  
Benzo(b)fluoranthene  
Concen: 66.235 ng  
RT: 23.033 min Scan# 3407  
Delta R.T. 0.006 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

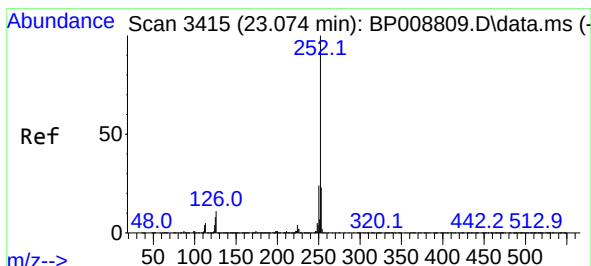
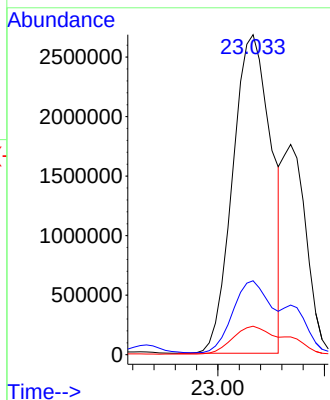
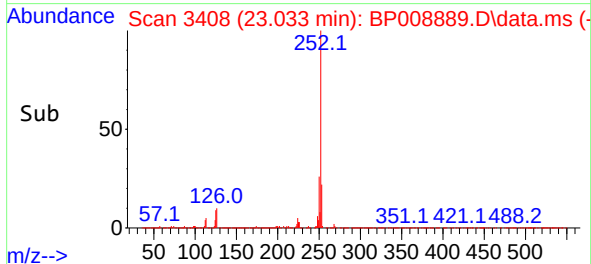
Instrument :  
BNA\_P  
ClientSampleId :  
SP25-07-20220119-29.5-30.0



Tgt Ion:252 Resp: 671990  
Ion Ratio Lower Upper  
252 100  
253 23.1 18.0 27.0  
125 8.9 6.9 10.3

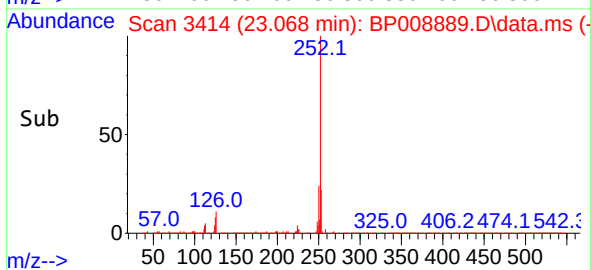
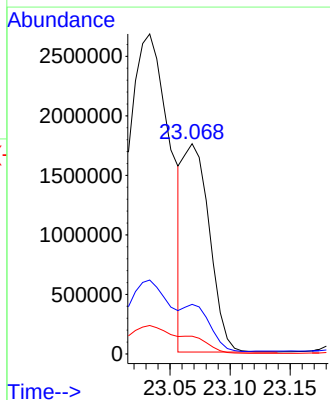
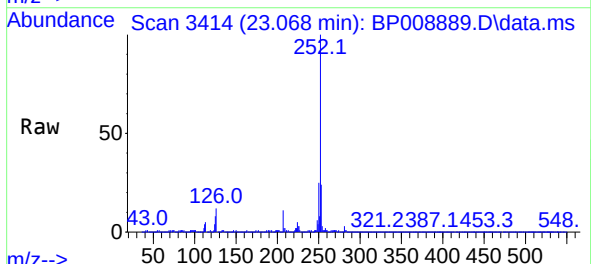
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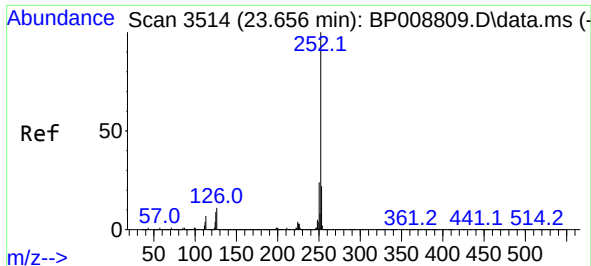
Reviewed By :Christian Giraldo 01/25/2022  
Supervised By :Jagrut Upadhyay 01/25/2022



#89  
Benzo(k)fluoranthene  
Concen: 27.191 ng m  
RT: 23.068 min Scan# 3414  
Delta R.T. -0.006 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

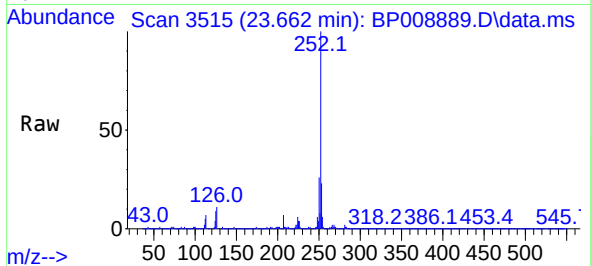
Tgt Ion:252 Resp: 2670354  
Ion Ratio Lower Upper  
252 100  
253 23.6 18.2 27.2  
125 8.4 7.3 10.9





#90  
Benzo(a)pyrene  
Concen: 62.061 ng  
RT: 23.662 min Scan# 315  
Delta R.T. 0.006 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

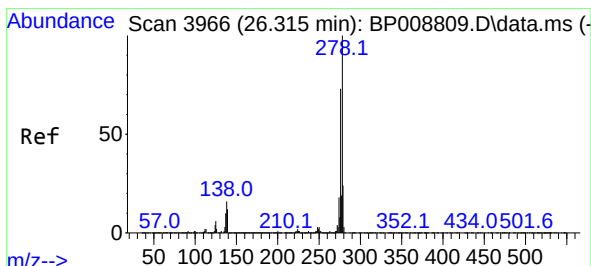
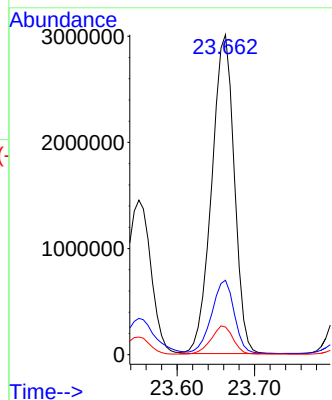
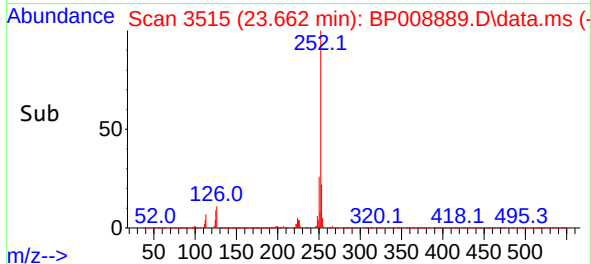
Instrument :  
BNA\_P  
ClientSampleId :  
SP25-07-20220119-29.5-30.0



Tgt Ion:252 Resp: 607743  
Ion Ratio Lower Upper  
252 100  
253 23.2 17.8 26.8  
125 8.7 7.8 11.6

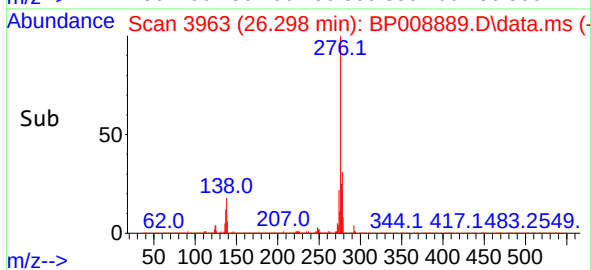
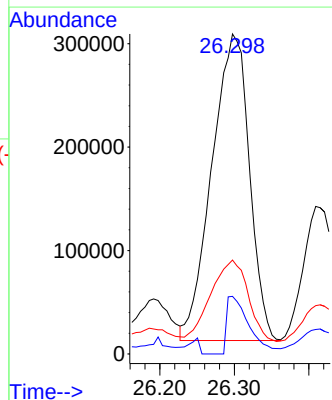
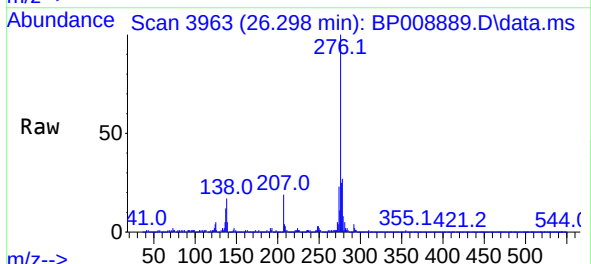
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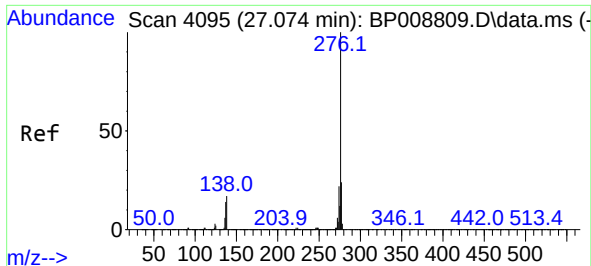
Reviewed By :Christian Giraldo 01/25/2022  
Supervised By :Jagrut Upadhyay 01/25/2022



#91  
Dibenzo(a,h)anthracene  
Concen: 9.737 ng m  
RT: 26.298 min Scan# 3963  
Delta R.T. -0.018 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

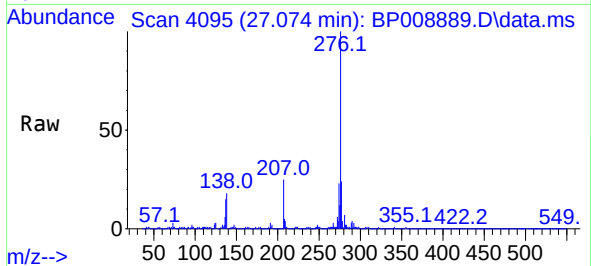
Tgt Ion:278 Resp: 1036482  
Ion Ratio Lower Upper  
278 100  
139 18.0 11.5 17.3#  
279 29.4 19.1 28.7#





#92  
Benzo(g,h,i)perylene  
Concen: 28.810 ng  
RT: 27.074 min Scan# 4095  
Delta R.T. 0.000 min  
Lab File: BP008889.D  
Acq: 24 Jan 2022 16:27

Instrument :  
BNA\_P  
ClientSampleId :  
SP25-07-20220119-29.5-30.0



Tgt Ion:276 Resp: 2994228  
Ion Ratio Lower Upper  
276 100  
277 24.4 19.2 28.8  
138 18.3 15.0 22.4

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 01/25/2022  
Supervised By :Jagrut Upadhyay 01/25/2022

