

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022322\  
 Data File : BN018701.D  
 Acq On : 23 Feb 2022 17:19  
 Operator : CG/JU  
 Sample : N1637-03MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PW-B6-L10-U-022222MSD

Quant Time: Feb 24 01:36:53 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN022222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 22 16:23:51 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2022  
 Supervised By :mohammad ahmed 02/24/2022

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.919  | 152  | 6953     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.722 | 136  | 18204    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.549 | 164  | 9443     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.287 | 188  | 19181    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.467 | 240  | 13922    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.861 | 264  | 10894    | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.471  | 112  | 2081     | 0.131 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.067  | 99   | 1648     | 0.090 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.067  | 82   | 3498     | 0.249 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.310 | 152  | 7463m    | 0.272 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.026 | 330  | 1130     | 0.306 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.180 | 172  | 11624    | 0.260 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.312 | 212  | 17852    | 0.343 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.906 | 244  | 12766    | 0.423 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.326  | 88   | 1271     | 0.157 | ng    | # 75     |
| 3) n-Nitrosodimethylamine     | 3.644  | 42   | 1268     | 0.158 | ng    | # 87     |
| 6) bis(2-Chloroethyl)ether    | 7.334  | 93   | 5697     | 0.303 | ng    | 100      |
| 9) Naphthalene                | 10.776 | 128  | 14614    | 0.278 | ng    | 99       |
| 10) Hexachlorobutadiene       | 11.075 | 225  | 2988     | 0.236 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.382 | 142  | 9601     | 0.273 | ng    | 97       |
| 16) Acenaphthylene            | 14.271 | 152  | 12062    | 0.269 | ng    | 100      |
| 17) Acenaphthene              | 14.613 | 154  | 8674     | 0.281 | ng    | 99       |
| 18) Fluorene                  | 15.586 | 166  | 11272    | 0.303 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.660 | 198  | 705      | 0.317 | ng    | 100      |
| 21) 4-Bromophenyl-phenylether | 16.477 | 248  | 4010     | 0.294 | ng    | 94       |
| 22) Hexachlorobenzene         | 16.600 | 284  | 4793     | 0.281 | ng    | # 85     |
| 23) Atrazine                  | 16.733 | 200  | 2703     | 0.359 | ng    | # 91     |
| 24) Pentachlorophenol         | 16.938 | 266  | 2455     | 0.609 | ng    | 98       |
| 25) Phenanthrene              | 17.328 | 178  | 22708    | 0.354 | ng    | 99       |
| 26) Anthracene                | 17.420 | 178  | 18682    | 0.344 | ng    | 99       |
| 28) Fluoranthene              | 19.341 | 202  | 25650    | 0.382 | ng    | # 97     |
| 30) Pyrene                    | 19.704 | 202  | 25488    | 0.410 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.449 | 228  | 19022    | 0.360 | ng    | 99       |
| 33) Chrysene                  | 21.503 | 228  | 20503    | 0.348 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.378 | 149  | 9557     | 0.445 | ng    | # 96     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.352 | 276  | 17443    | 0.303 | ng    | # 89     |
| 37) Benzo(b)fluoranthene      | 23.130 | 252  | 17892    | 0.361 | ng    | # 91     |
| 38) Benzo(k)fluoranthene      | 23.176 | 252  | 17129    | 0.349 | ng    | # 93     |
| 39) Benzo(a)pyrene            | 23.752 | 252  | 15771    | 0.400 | ng    | # 89     |
| 40) Dibenzo(a,h)anthracene    | 26.360 | 278  | 13769    | 0.307 | ng    | # 91     |
| 41) Benzo(g,h,i)perylene      | 27.112 | 276  | 15051    | 0.306 | ng    | # 90     |
| -----                         |        |      |          |       |       |          |

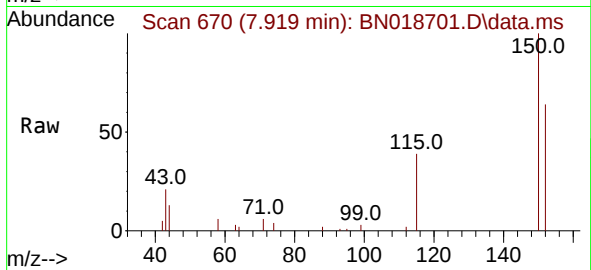
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.919 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19

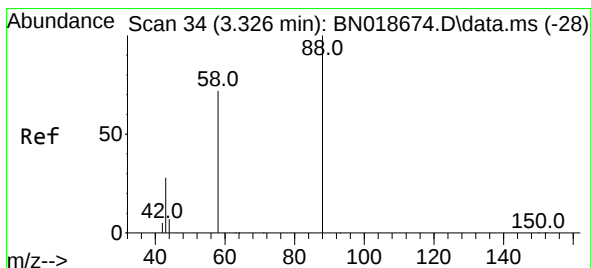
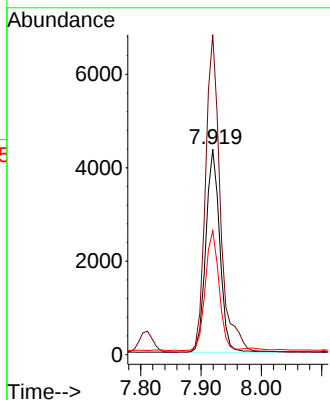
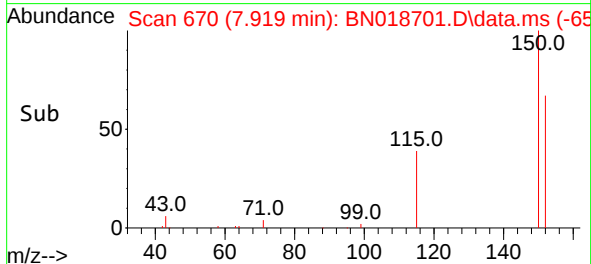
Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L10-U-022222MSD



Tgt Ion:152 Resp: 695  
Ion Ratio Lower Upper  
152 100  
150 155.7 121.7 182.5  
115 60.2 43.8 65.8

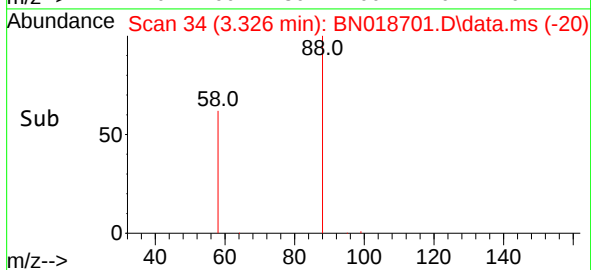
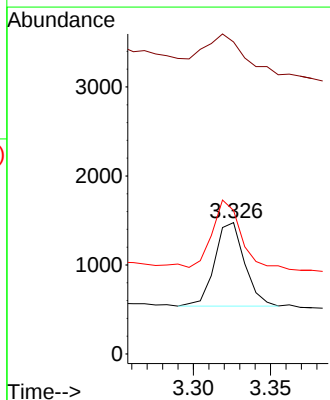
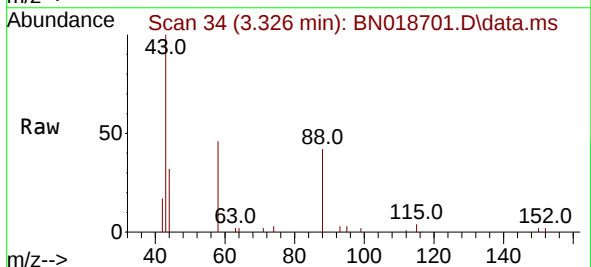
Manual Integrations  
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Reviewed By :Yogesh Patel 02/24/2022  
Supervised By :mohammad ahmed 02/24/2022



#2  
1,4-Dioxane  
Concen: 0.157 ng  
RT: 3.326 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19

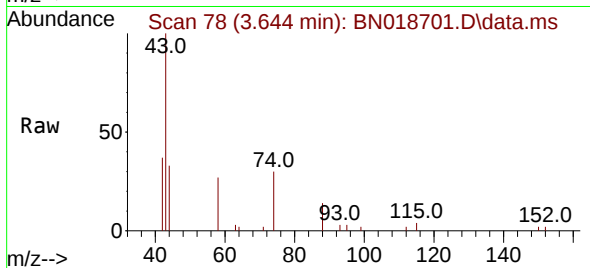
Tgt Ion: 88 Resp: 1271  
Ion Ratio Lower Upper  
88 100  
43 62.5 69.7 104.5#  
58 79.7 83.8 125.8#





#3  
n-Nitrosodimethylamine  
Concen: 0.158 ng  
RT: 3.644 min Scan# 78  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19

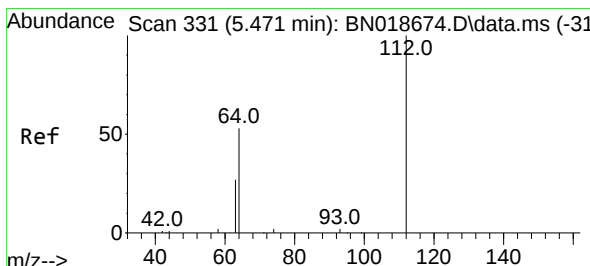
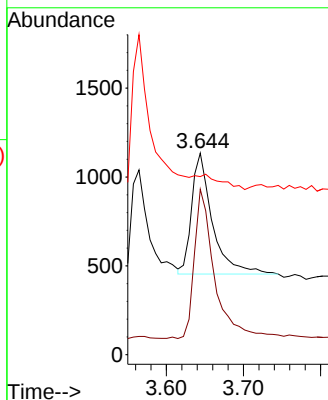
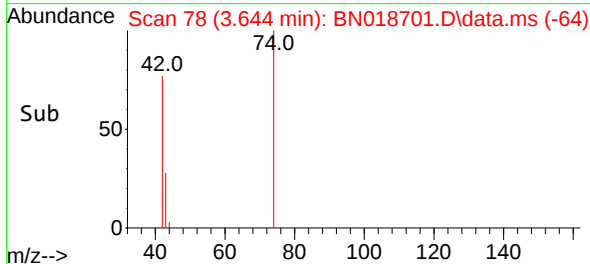
Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L10-U-022222MSD



Tgt Ion: 42 Resp: 1268  
Ion Ratio Lower Upper  
42 100  
74 120.4 108.6 163.0  
44 0.0 5.8 8.8

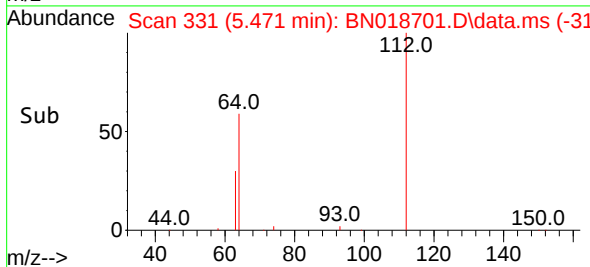
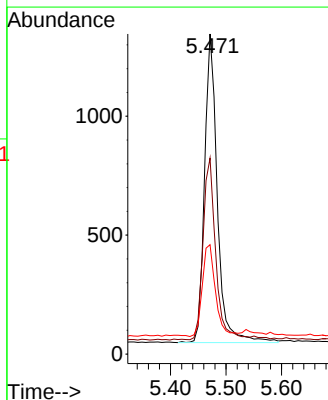
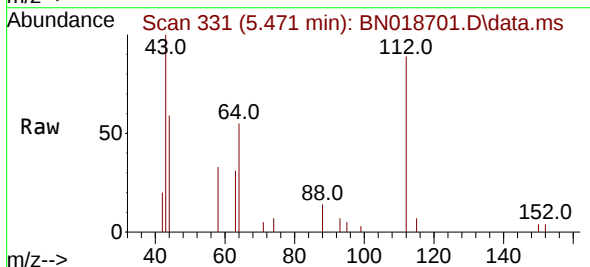
Manual Integrations  
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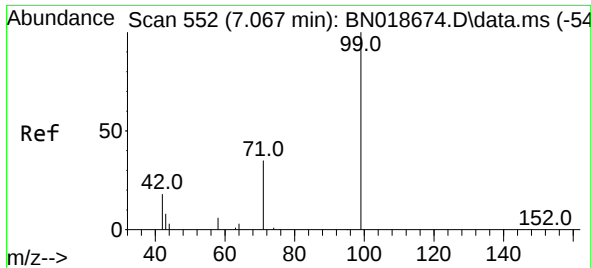
Reviewed By :Yogesh Patel 02/24/2022  
Supervised By :mohammad ahmed 02/24/2022



#4  
2-Fluorophenol  
Concen: 0.131 ng  
RT: 5.471 min Scan# 331  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19

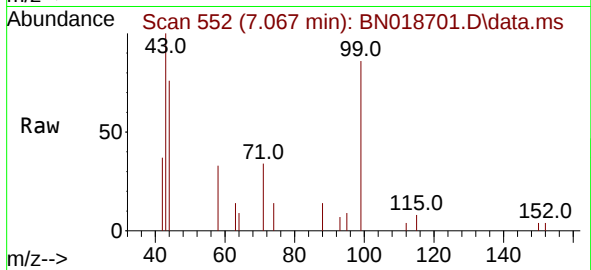
Tgt Ion:112 Resp: 2081  
Ion Ratio Lower Upper  
112 100  
64 58.0 48.0 72.0  
63 30.8 25.3 37.9





#5  
Phenol-d6  
Concen: 0.090 ng  
RT: 7.067 min Scan# 552  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19

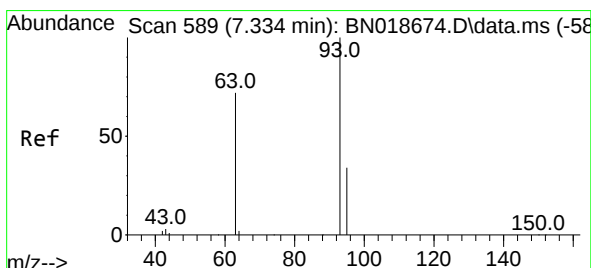
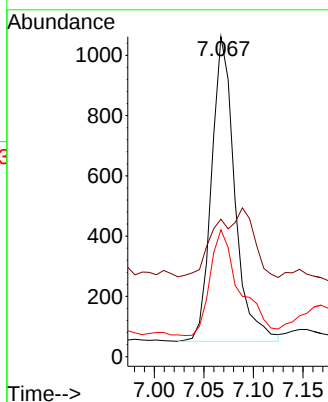
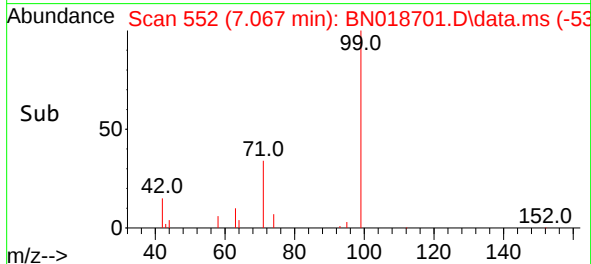
Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L10-U-022222MSD



Tgt Ion: 99 Resp: 1648  
Ion Ratio Lower Upper  
99 100  
42 0.0 16.3 24.5  
71 44.7 26.8 40.2

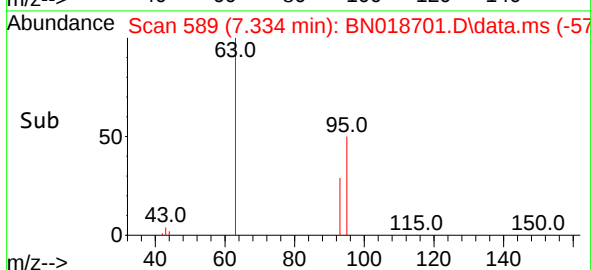
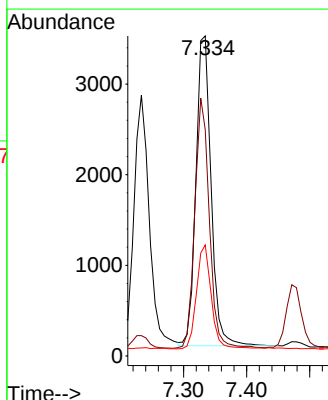
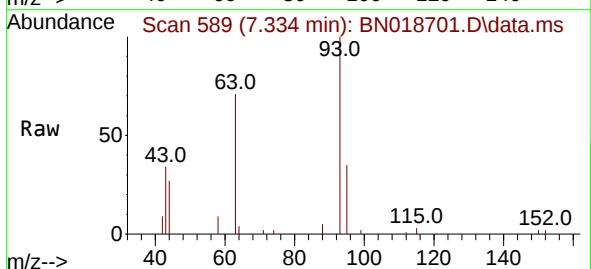
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Reviewed By :Yogesh Patel 02/24/2022  
Supervised By :mohammad ahmed 02/24/2022



#6  
bis(2-Chloroethyl)ether  
Concen: 0.303 ng  
RT: 7.334 min Scan# 589  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19

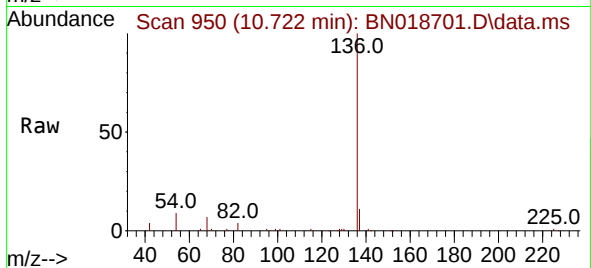
Tgt Ion: 93 Resp: 5697  
Ion Ratio Lower Upper  
93 100  
63 77.3 61.7 92.5  
95 32.9 26.2 39.4





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.722 min Scan# 950  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19

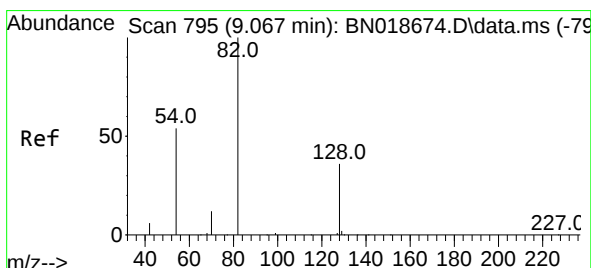
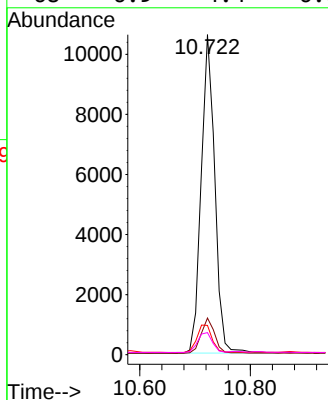
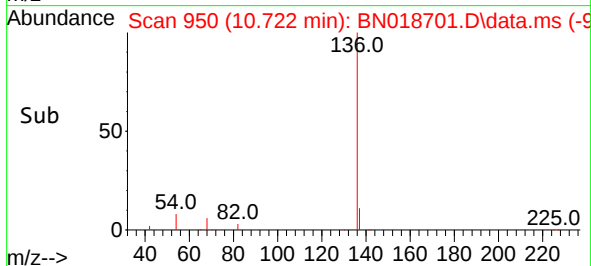
Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L10-U-022222MSD



Tgt Ion: 136 Resp: 18204  
Ion Ratio Lower Upper  
136 100  
137 11.5 8.8 13.2  
54 9.2 5.0 7.6  
68 6.9 4.4 6.6#

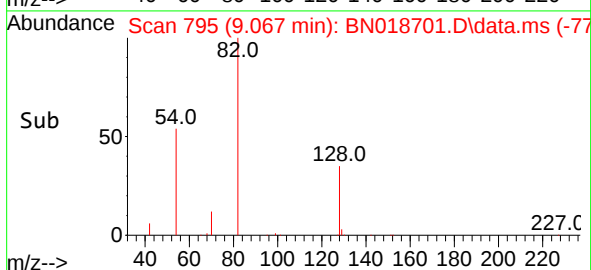
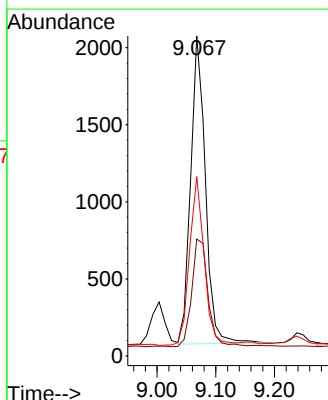
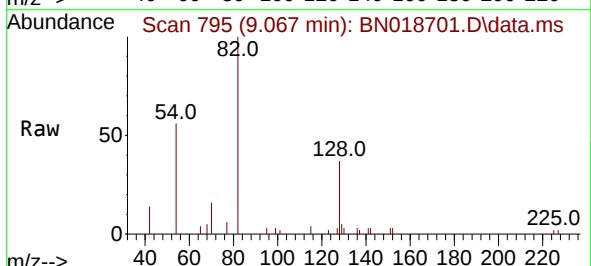
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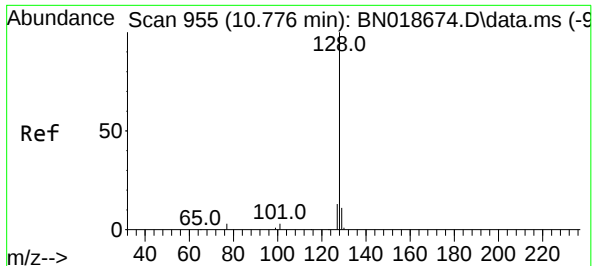
Reviewed By :Yogesh Patel 02/24/2022  
Supervised By :mohammad ahmed 02/24/2022



#8  
Nitrobenzene-d5  
Concen: 0.249 ng  
RT: 9.067 min Scan# 795  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19

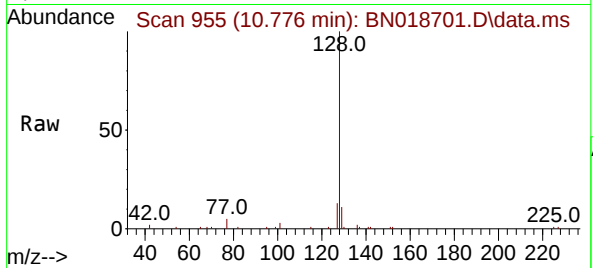
Tgt Ion: 82 Resp: 3498  
Ion Ratio Lower Upper  
82 100  
128 36.6 33.7 50.5  
54 56.1 36.6 55.0#





#9  
Naphthalene  
Concen: 0.278 ng  
RT: 10.776 min Scan# 955  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19

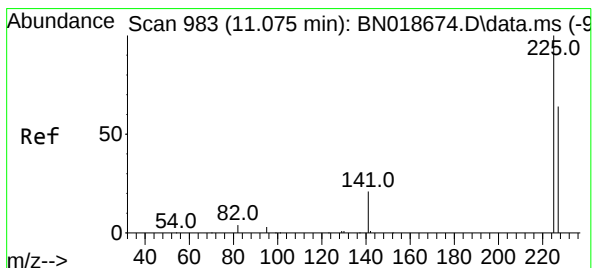
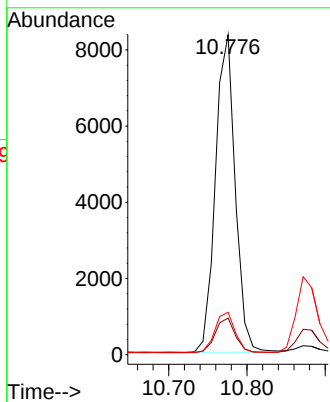
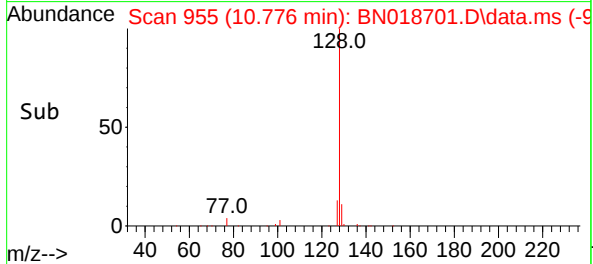
Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L10-U-022222MSD



Tgt Ion:128 Resp: 14614  
Ion Ratio Lower Upper  
128 100  
129 11.5 8.7 13.1  
127 13.2 10.4 15.6

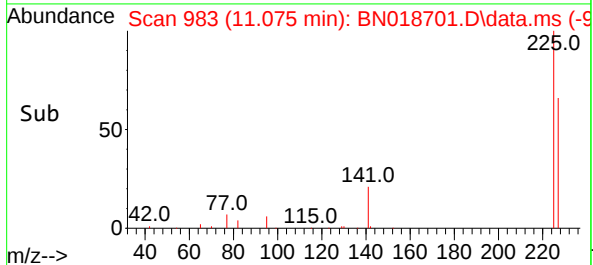
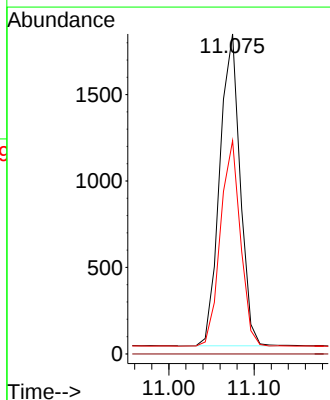
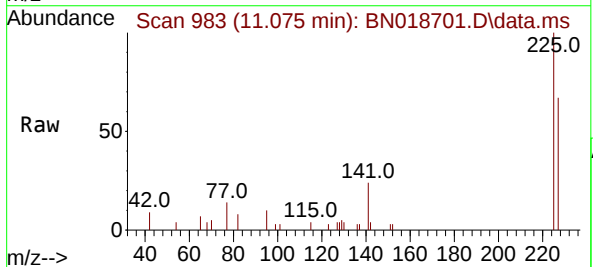
Manual Integrations  
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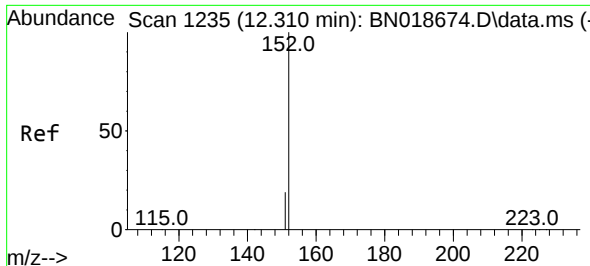
Reviewed By :Yogesh Patel 02/24/2022  
Supervised By :mohammad ahmed 02/24/2022



#10  
Hexachlorobutadiene  
Concen: 0.236 ng  
RT: 11.075 min Scan# 983  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19

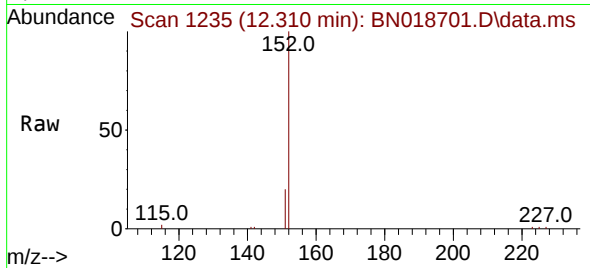
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Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 64.5 51.0 76.6





#11  
2-Methylnaphthalene-d10  
Concen: 0.272 ng m  
RT: 12.310 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19

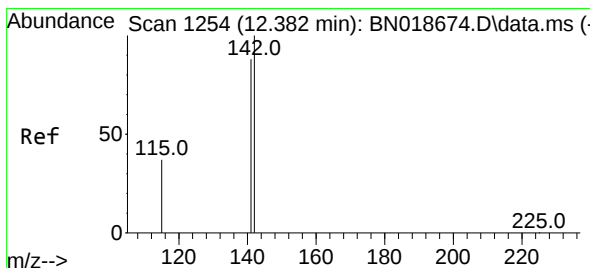
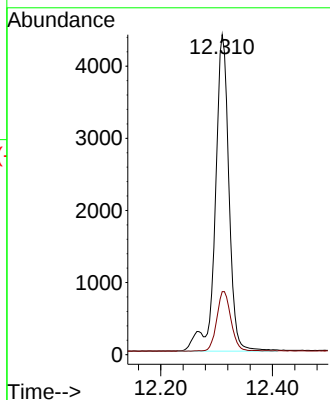
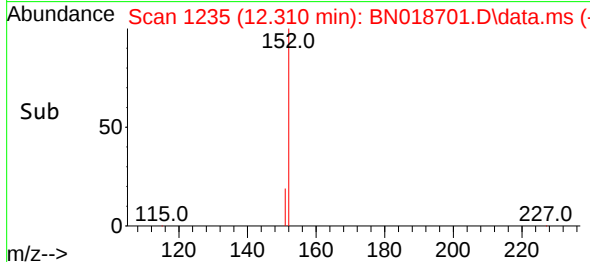
Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L10-U-022222MSD



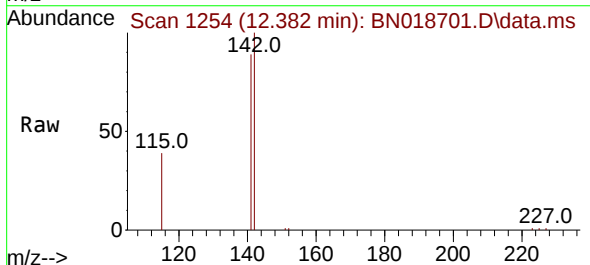
Tgt Ion:152 Resp: 746  
Ion Ratio Lower Upper  
152 100  
151 19.4 16.2 24.2

Manual Integrations  
APPROVED

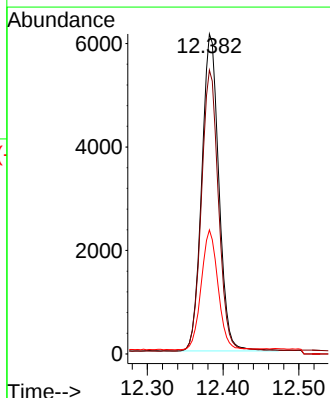
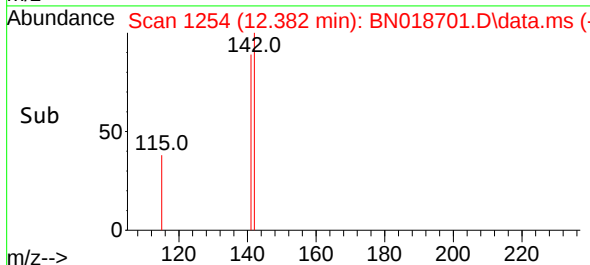
Reviewed By :Yogesh Patel 02/24/2022  
Supervised By :mohammad ahmed 02/24/2022

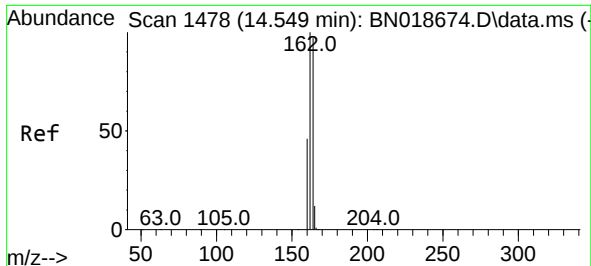


#12  
2-Methylnaphthalene  
Concen: 0.273 ng  
RT: 12.382 min Scan# 1254  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19



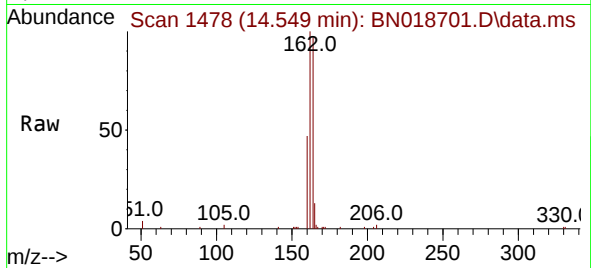
Tgt Ion:142 Resp: 9601  
Ion Ratio Lower Upper  
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141 88.7 70.0 105.0  
115 38.7 27.8 41.8





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.549 min Scan# 1478  
Delta R.T. -0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19

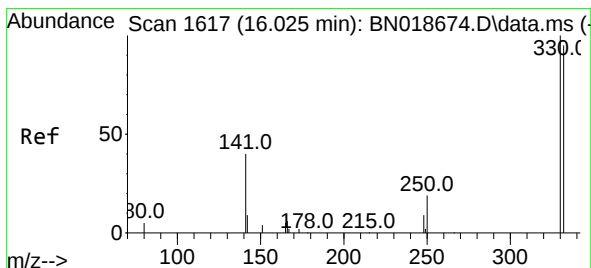
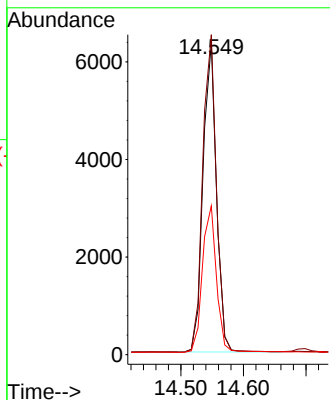
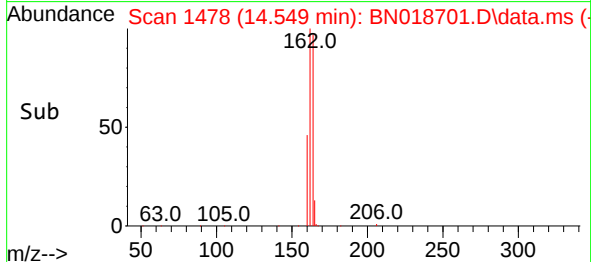
Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L10-U-022222MSD



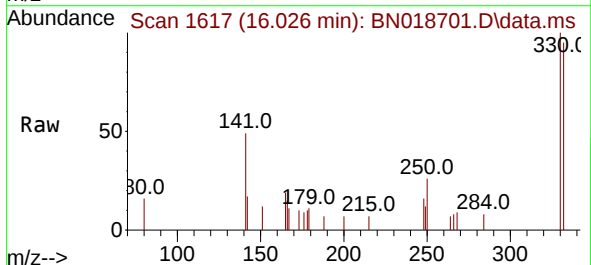
Tgt Ion:164 Resp: 944  
Ion Ratio Lower Upper  
164 100  
162 102.7 80.2 120.2  
160 47.8 36.9 55.3

Manual Integrations  
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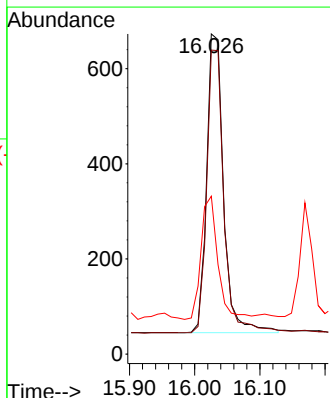
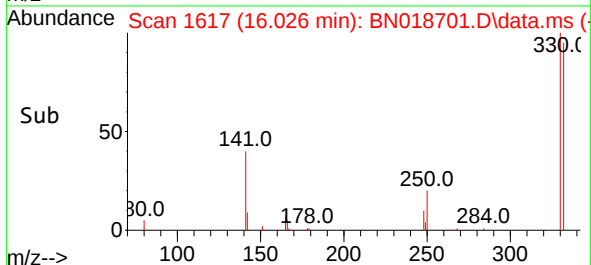
Reviewed By :Yogesh Patel 02/24/2022  
Supervised By :mohammad ahmed 02/24/2022

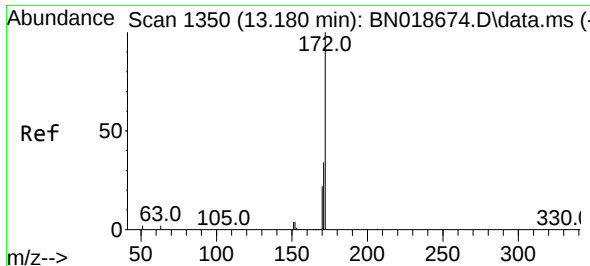


#14  
2,4,6-Tribromophenol  
Concen: 0.306 ng  
RT: 16.026 min Scan# 1617  
Delta R.T. 0.001 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19



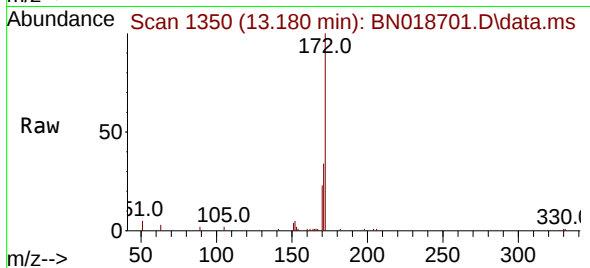
Tgt Ion:330 Resp: 1130  
Ion Ratio Lower Upper  
330 100  
332 95.3 0.0 0.0#  
141 41.2 21.3 31.9#





#15  
2-Fluorobiphenyl  
Concen: 0.260 ng  
RT: 13.180 min Scan# 11624  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19

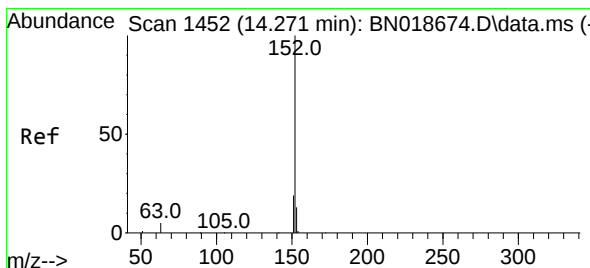
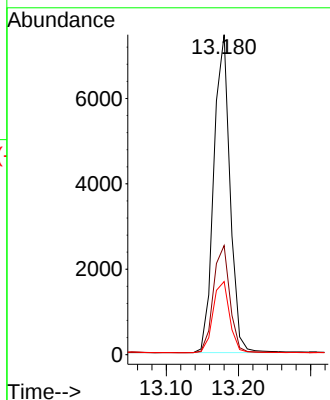
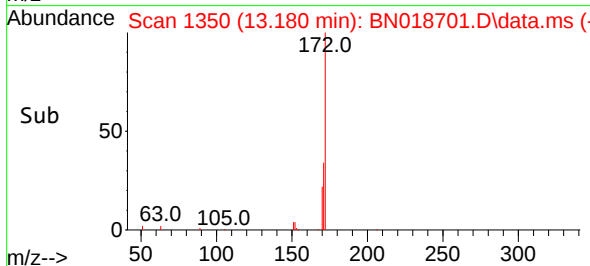
Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L10-U-022222MSD



Tgt Ion:172 Resp: 11624  
Ion Ratio Lower Upper  
172 100  
171 34.1 27.4 41.0  
170 22.8 18.4 27.6

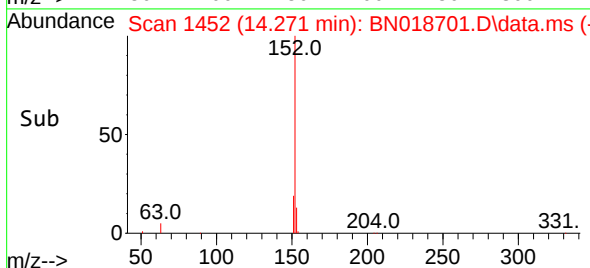
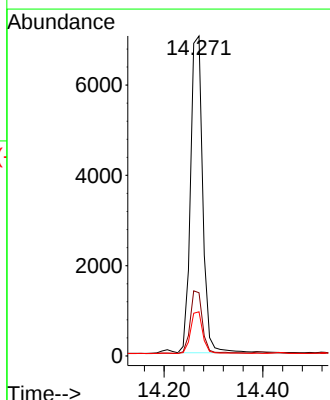
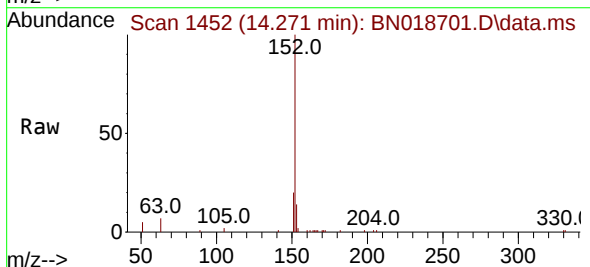
Manual Integrations  
APPROVED

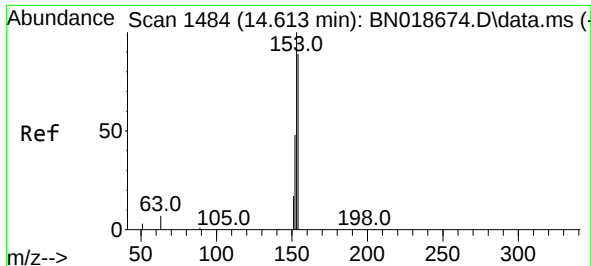
Reviewed By :Yogesh Patel 02/24/2022  
Supervised By :mohammad ahmed 02/24/2022



#16  
Acenaphthylene  
Concen: 0.269 ng  
RT: 14.271 min Scan# 1452  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19

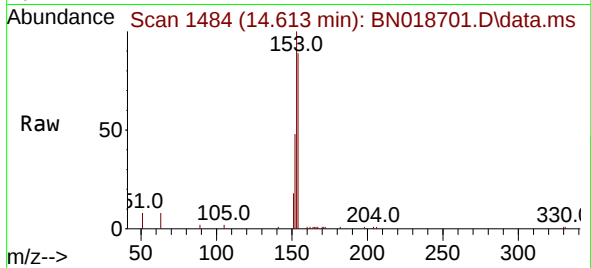
Tgt Ion:152 Resp: 12062  
Ion Ratio Lower Upper  
152 100  
151 19.7 15.8 23.6  
153 13.5 10.5 15.7





#17  
Acenaphthene  
Concen: 0.281 ng  
RT: 14.613 min Scan# 1484  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19

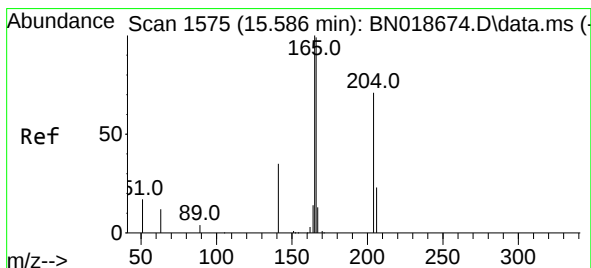
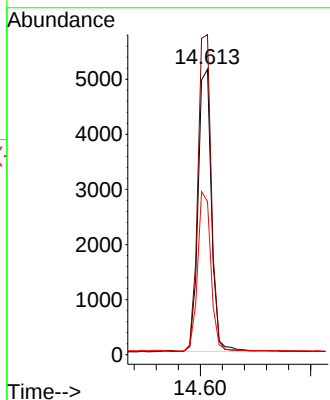
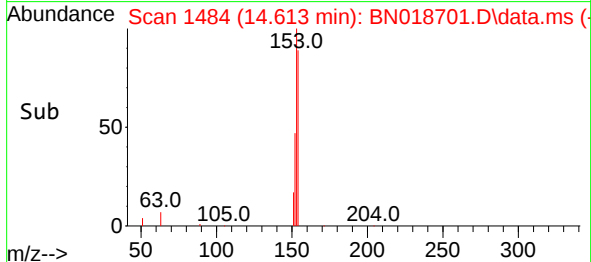
Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L10-U-022222MSD



Tgt Ion:154 Resp: 8674  
Ion Ratio Lower Upper  
154 100  
153 112.4 90.9 136.3  
152 55.6 45.0 67.4

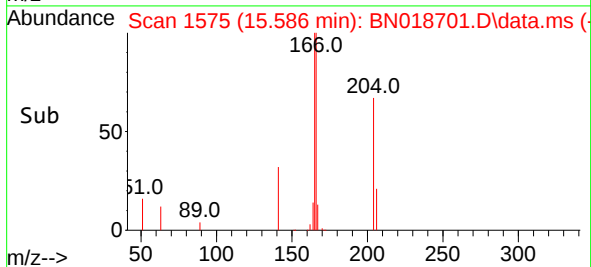
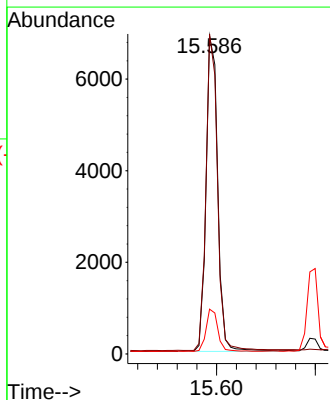
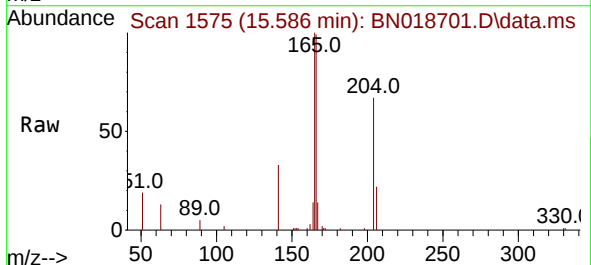
Manual Integrations  
APPROVED

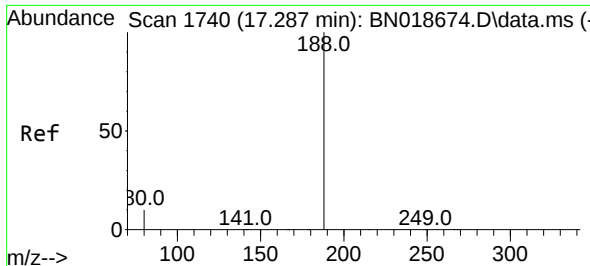
Reviewed By :Yogesh Patel 02/24/2022  
Supervised By :mohammad ahmed 02/24/2022



#18  
Fluorene  
Concen: 0.303 ng  
RT: 15.586 min Scan# 1575  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19

Tgt Ion:166 Resp: 11272  
Ion Ratio Lower Upper  
166 100  
165 98.7 77.8 116.6  
167 13.7 10.9 16.3





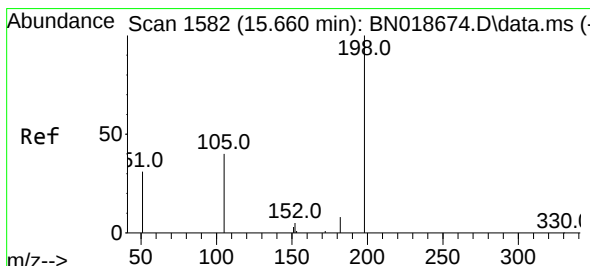
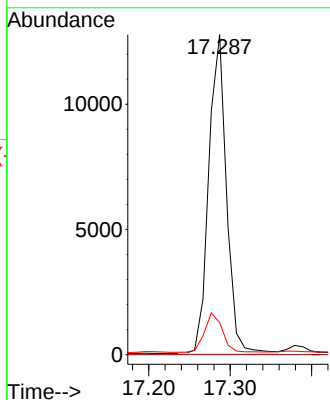
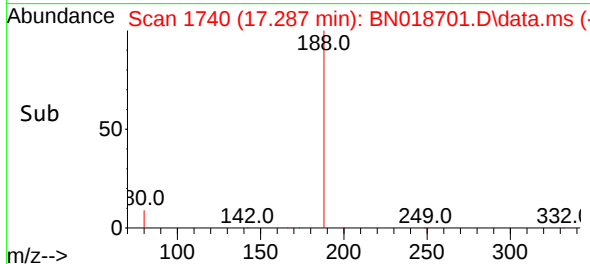
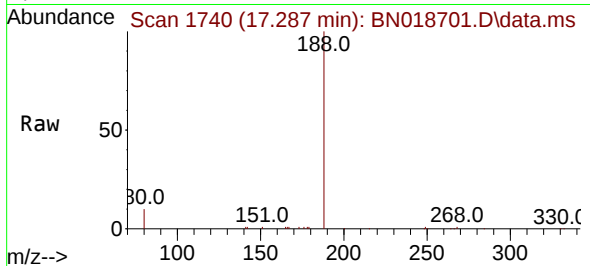
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.287 min Scan# 1740  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19

Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L10-U-022222MSD

Tgt Ion:188 Resp: 1918  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.0 7.0 10.4

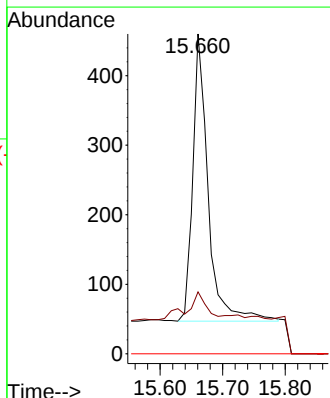
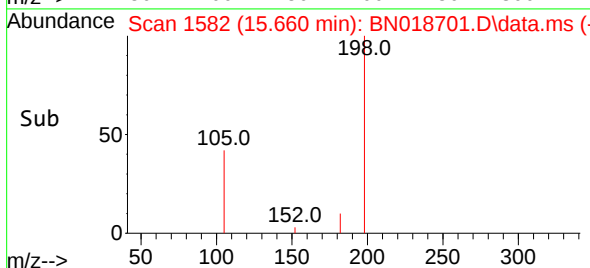
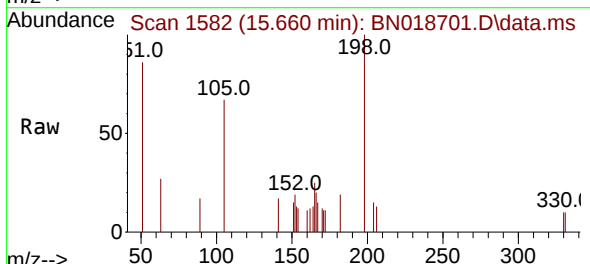
Manual Integrations  
APPROVED

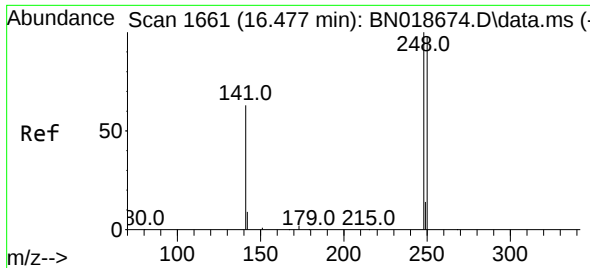
Reviewed By :Yogesh Patel 02/24/2022  
Supervised By :mohammad ahmed 02/24/2022



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.317 ng  
RT: 15.660 min Scan# 1582  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19

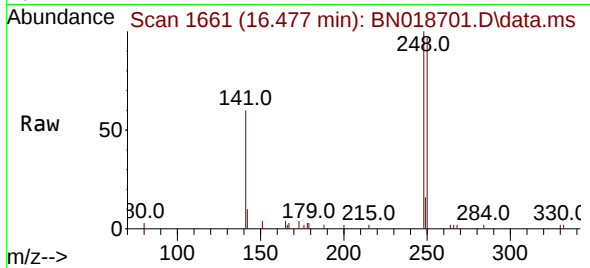
Tgt Ion:198 Resp: 705  
Ion Ratio Lower Upper  
198 100  
182 19.3 15.5 23.3  
77 0.0 0.0 0.0





#21  
4-Bromophenyl-phenylether  
Concen: 0.294 ng  
RT: 16.477 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19

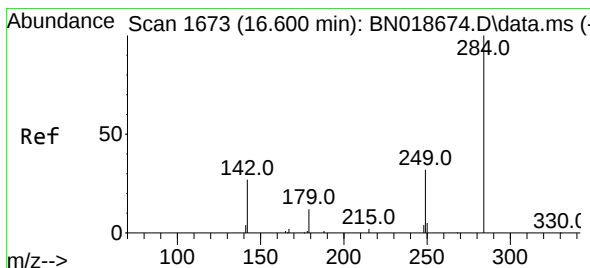
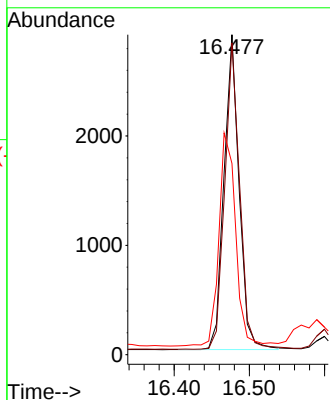
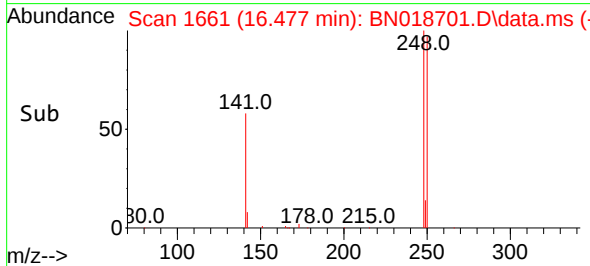
Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L10-U-022222MSD



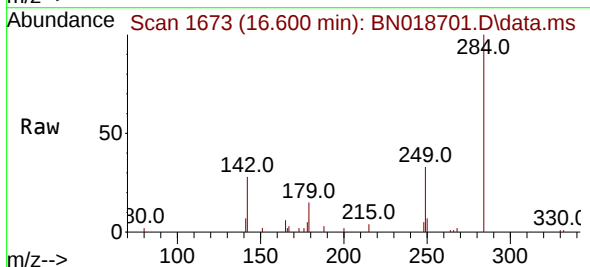
Tgt Ion:248 Resp: 4010  
Ion Ratio Lower Upper  
248 100  
250 97.5 74.4 111.6  
141 59.8 43.7 65.5

Manual Integrations  
APPROVED

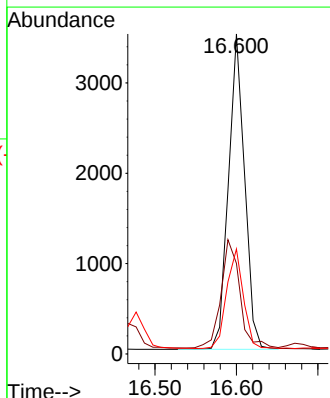
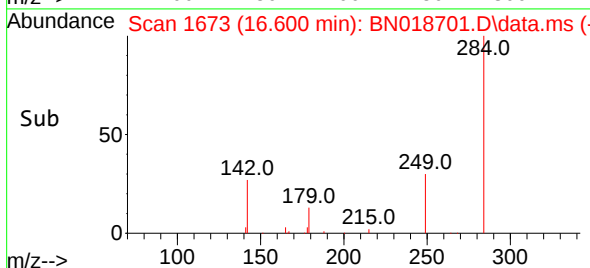
Reviewed By :Yogesh Patel 02/24/2022  
Supervised By :mohammad ahmed 02/24/2022

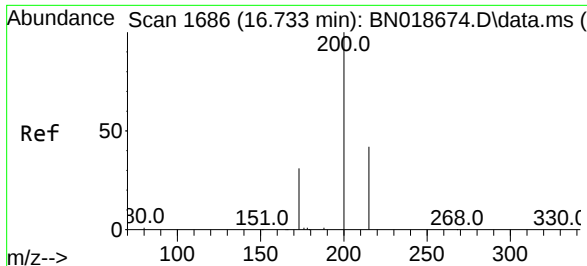


#22  
Hexachlorobenzene  
Concen: 0.281 ng  
RT: 16.600 min Scan# 1673  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19



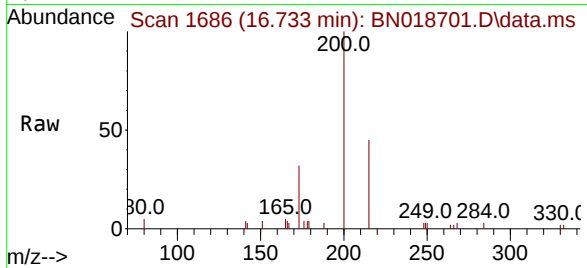
Tgt Ion:284 Resp: 4793  
Ion Ratio Lower Upper  
284 100  
142 40.1 21.6 32.4#  
249 32.8 23.5 35.3





#23  
 Atrazine  
 Concen: 0.359 ng  
 RT: 16.733 min Scan# 1686  
 Delta R.T. 0.000 min  
 Lab File: BN018701.D  
 Acq: 23 Feb 2022 17:19

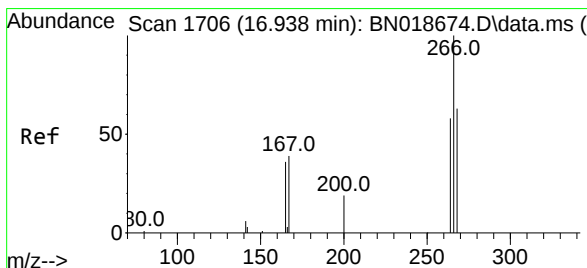
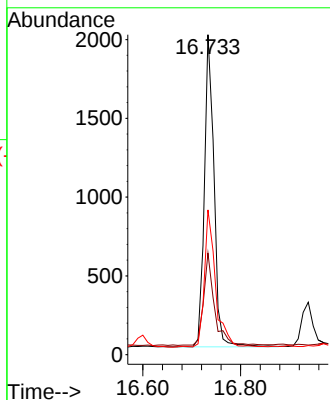
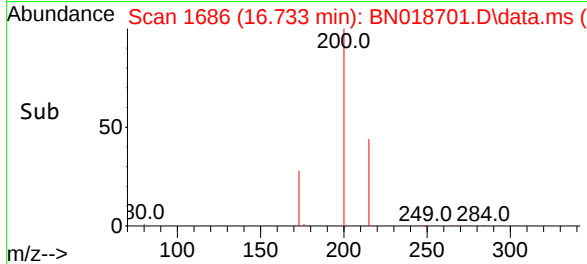
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PW-B6-L10-U-022222MSD



Tgt Ion:200 Resp: 2700  
 Ion Ratio Lower Upper  
 200 100  
 173 31.8 20.3 30.5  
 215 45.2 40.4 60.6

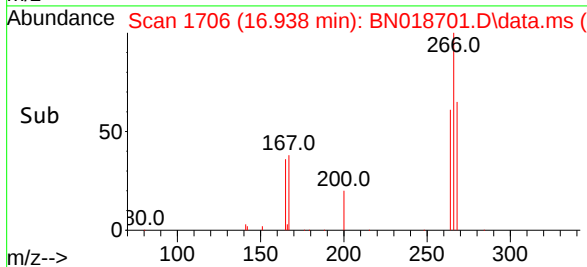
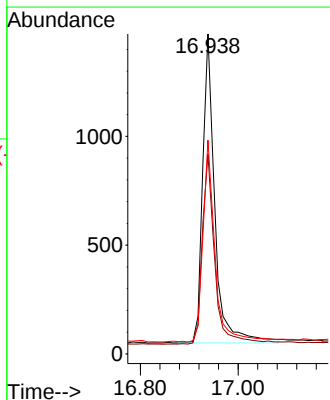
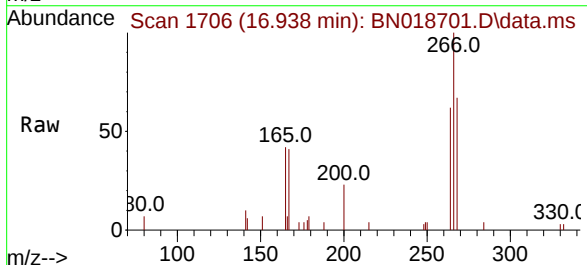
Manual Integrations  
 APPROVED

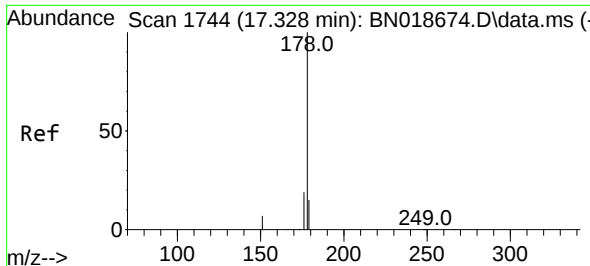
Reviewed By :Yogesh Patel 02/24/2022  
 Supervised By :mohammad ahmed 02/24/2022



#24  
 Pentachlorophenol  
 Concen: 0.609 ng  
 RT: 16.938 min Scan# 1706  
 Delta R.T. 0.000 min  
 Lab File: BN018701.D  
 Acq: 23 Feb 2022 17:19

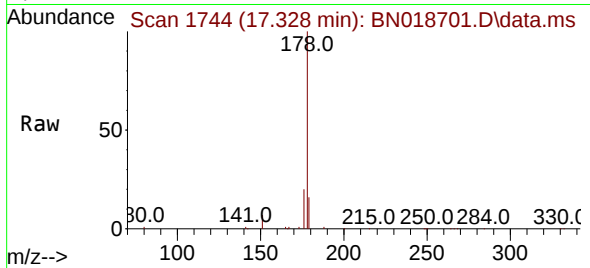
Tgt Ion:266 Resp: 2455  
 Ion Ratio Lower Upper  
 266 100  
 264 62.7 49.5 74.3  
 268 65.1 50.6 76.0





#25  
Phenanthrene  
Concen: 0.354 ng  
RT: 17.328 min Scan# 1744  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19

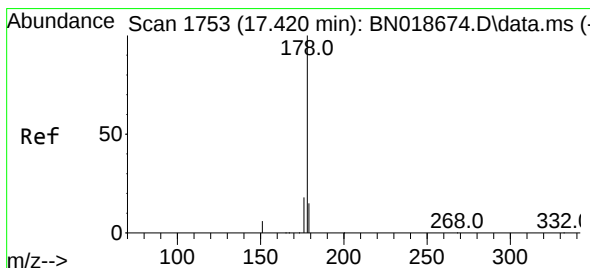
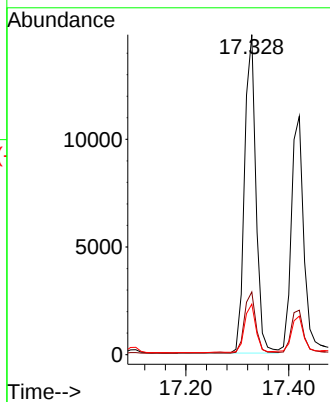
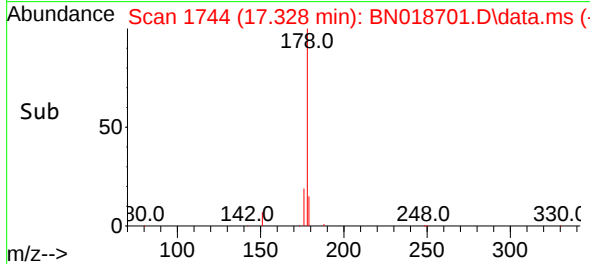
Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L10-U-022222MSD



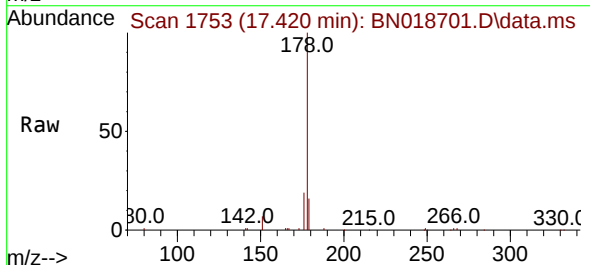
Tgt Ion:178 Resp: 22708  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.3 22.9  
179 15.8 12.3 18.5

Manual Integrations  
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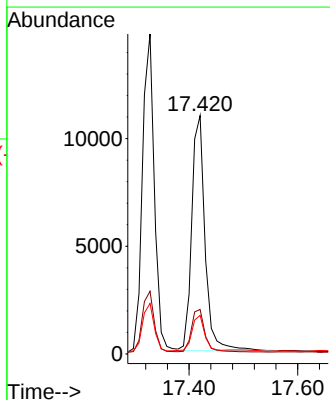
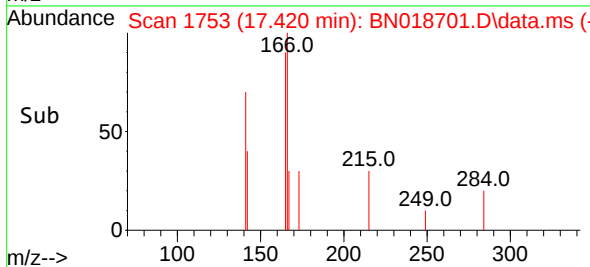
Reviewed By :Yogesh Patel 02/24/2022  
Supervised By :mohammad ahmed 02/24/2022

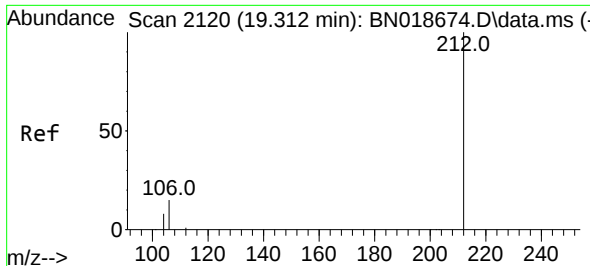


#26  
Anthracene  
Concen: 0.344 ng  
RT: 17.420 min Scan# 1753  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19



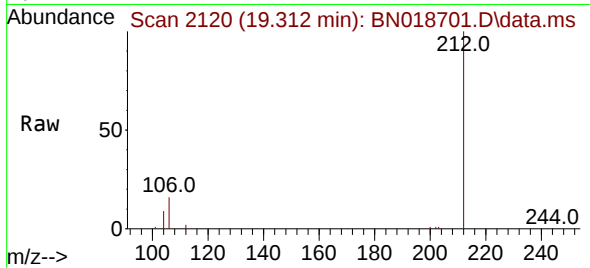
Tgt Ion:178 Resp: 18682  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.8 22.2  
179 14.1 12.2 18.4





#27  
Fluoranthene-d10  
Concen: 0.343 ng  
RT: 19.312 min Scan# 2120  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19

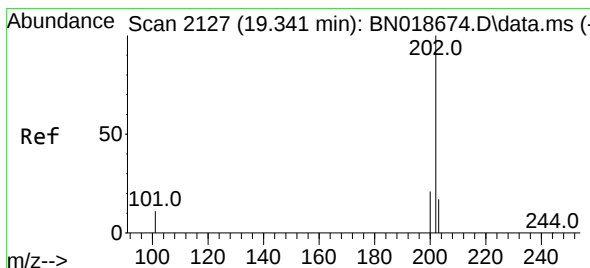
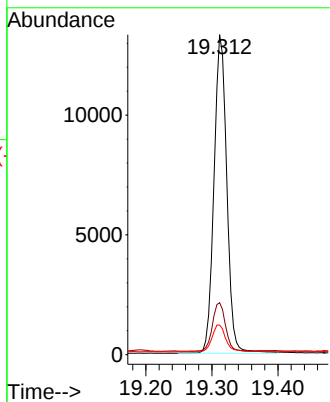
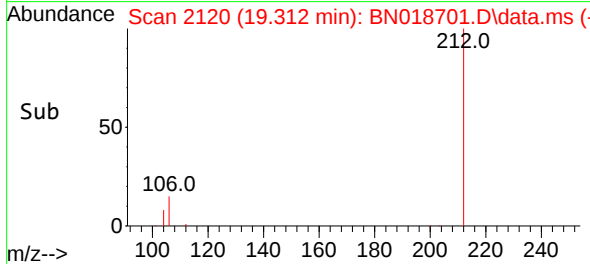
Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L10-U-022222MSD



Tgt Ion:212 Resp: 17852  
Ion Ratio Lower Upper  
212 100  
106 15.5 8.4 12.6  
104 9.3 4.5 6.7

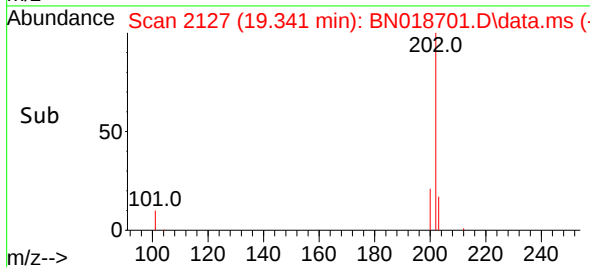
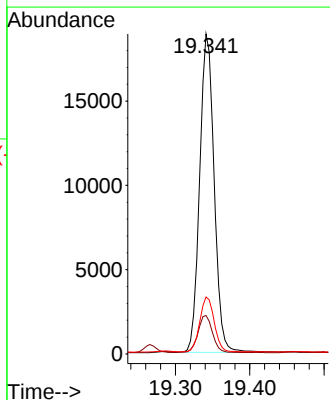
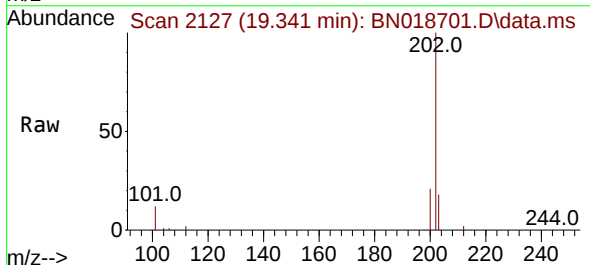
Manual Integrations  
APPROVED

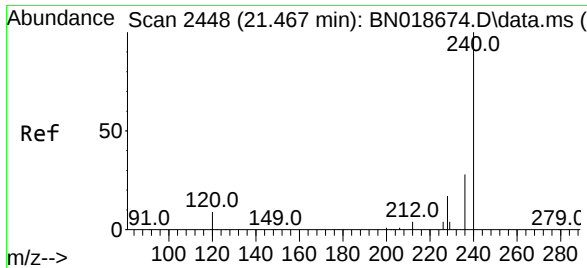
Reviewed By :Yogesh Patel 02/24/2022  
Supervised By :mohammad ahmed 02/24/2022



#28  
Fluoranthene  
Concen: 0.382 ng  
RT: 19.341 min Scan# 2127  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19

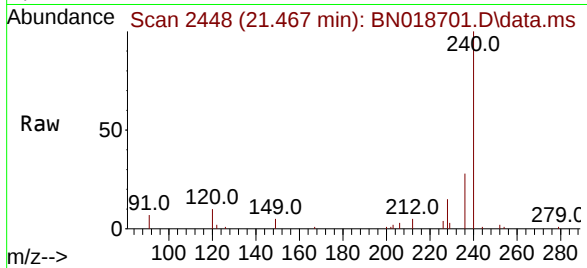
Tgt Ion:202 Resp: 25650  
Ion Ratio Lower Upper  
202 100  
101 11.6 7.2 10.8  
203 17.1 13.7 20.5





#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.467 min Scan# 2448  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19

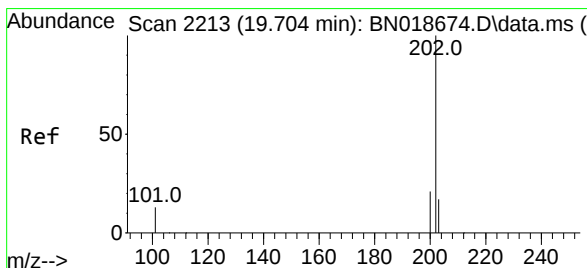
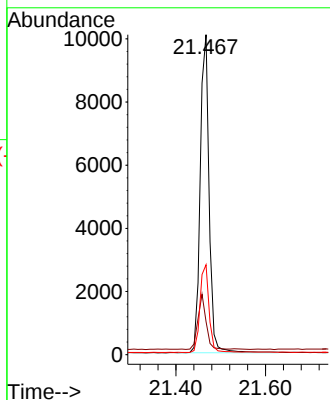
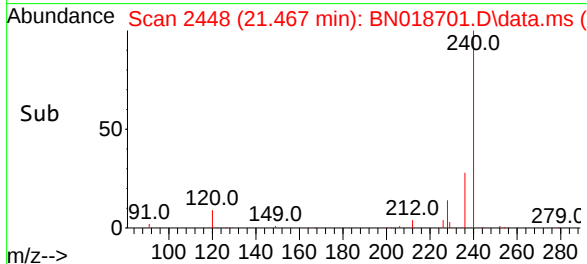
Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L10-U-022222MSD



Tgt Ion:240 Resp: 1392  
Ion Ratio Lower Upper  
240 100  
120 10.3 6.0 9.0  
236 28.1 21.4 32.2

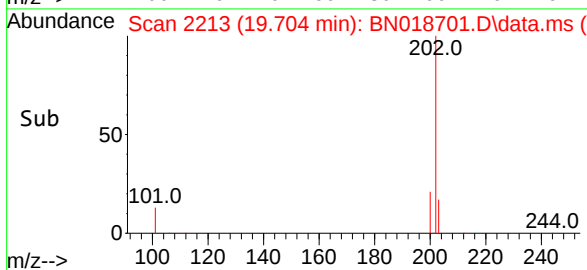
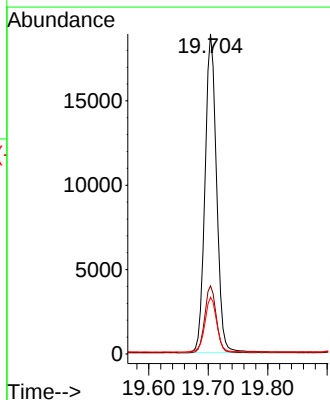
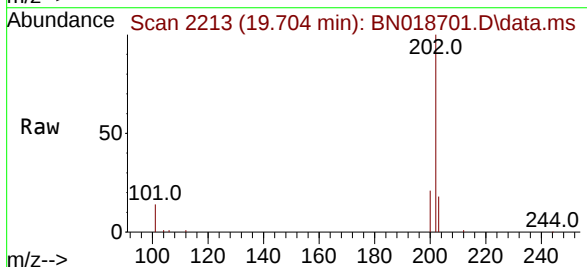
Manual Integrations  
APPROVED

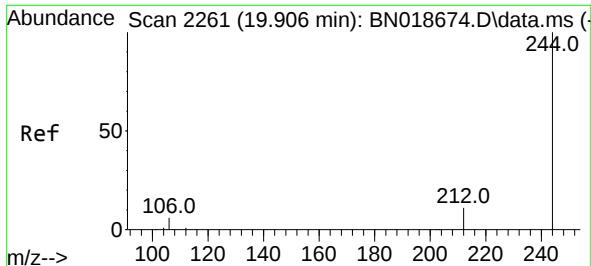
Reviewed By :Yogesh Patel 02/24/2022  
Supervised By :mohammad ahmed 02/24/2022



#30  
Pyrene  
Concen: 0.410 ng  
RT: 19.704 min Scan# 2213  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19

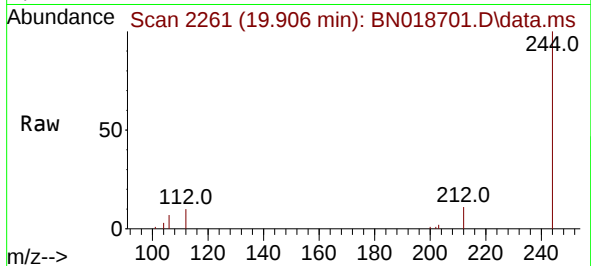
Tgt Ion:202 Resp: 25488  
Ion Ratio Lower Upper  
202 100  
200 21.1 16.6 25.0  
203 17.6 14.1 21.1





#31  
 Terphenyl-d14  
 Concen: 0.423 ng  
 RT: 19.906 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BN018701.D  
 Acq: 23 Feb 2022 17:19

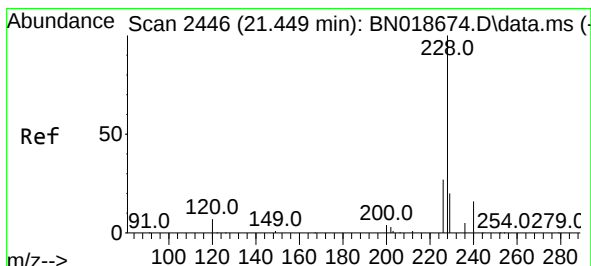
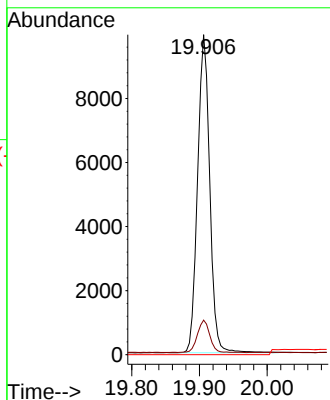
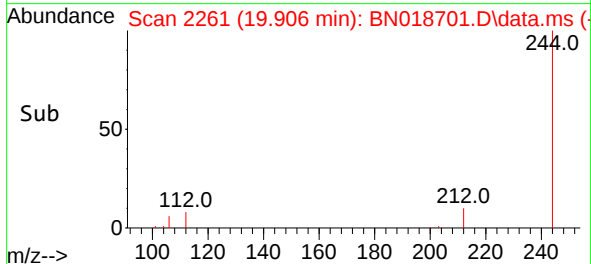
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PW-B6-L10-U-022222MSD



Tgt Ion:244 Resp: 12760  
 Ion Ratio Lower Upper  
 244 100  
 212 10.8 6.2 9.2  
 122 0.0 7.9 11.9

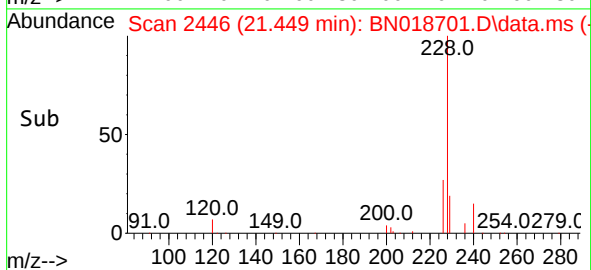
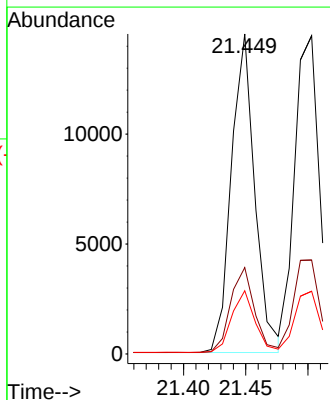
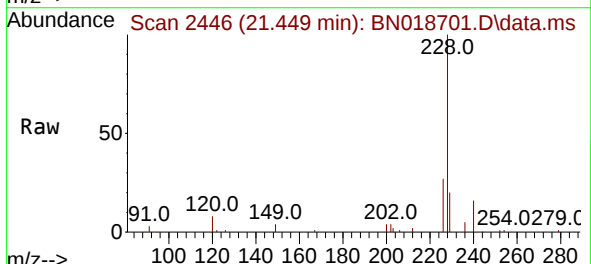
Manual Integrations  
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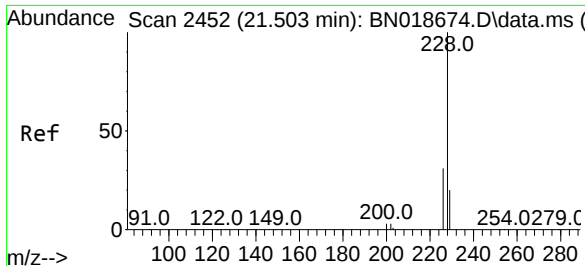
Reviewed By :Yogesh Patel 02/24/2022  
 Supervised By :mohammad ahmed 02/24/2022



#32  
 Benzo(a)anthracene  
 Concen: 0.360 ng  
 RT: 21.449 min Scan# 2446  
 Delta R.T. 0.000 min  
 Lab File: BN018701.D  
 Acq: 23 Feb 2022 17:19

Tgt Ion:228 Resp: 19022  
 Ion Ratio Lower Upper  
 228 100  
 226 27.0 21.3 31.9  
 229 19.8 15.9 23.9





#33

Chrysene

Concen: 0.348 ng

RT: 21.503 min Scan# 2452

Delta R.T. 0.000 min

Lab File: BN018701.D

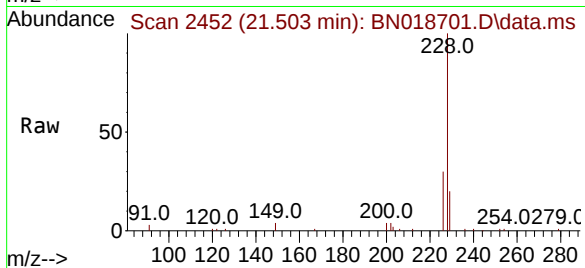
Acq: 23 Feb 2022 17:19

Instrument :

BNA\_N

ClientSampleId :

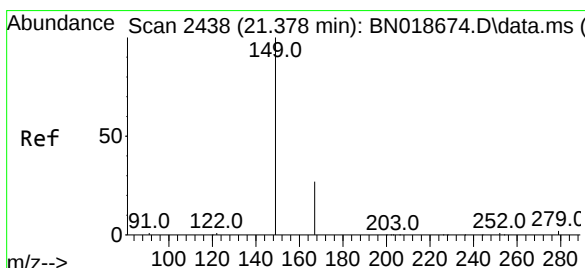
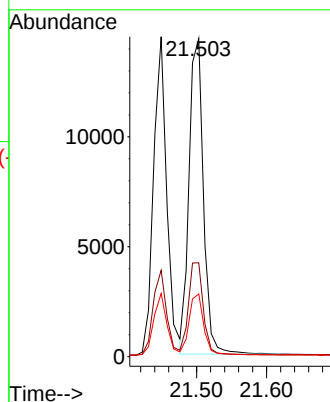
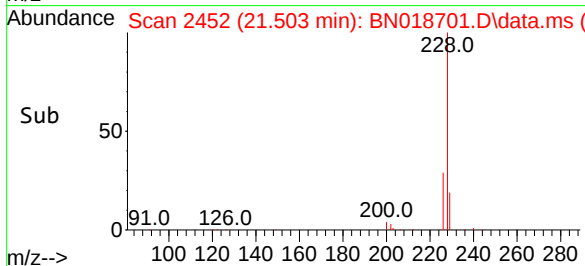
PW-B6-L10-U-022222MSD



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 228   | Resp: | 2050 |
| Ion Ratio | Lower | Upper |      |
| 228       | 100   |       |      |
| 226       | 29.5  | 24.2  | 36.4 |
| 229       | 19.7  | 15.5  | 23.3 |

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 02/24/2022  
Supervised By :mohammad ahmed 02/24/2022



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.445 ng

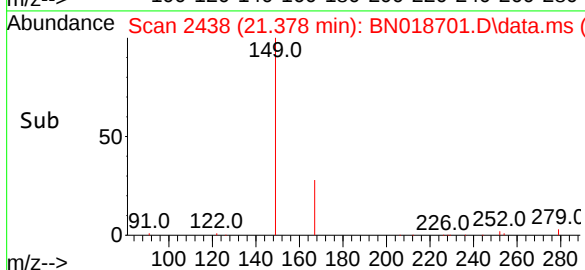
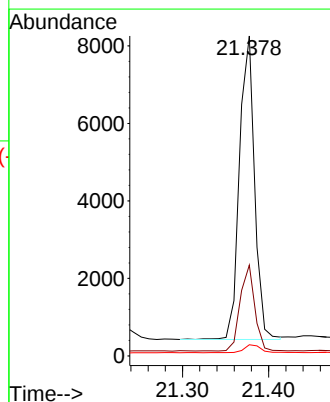
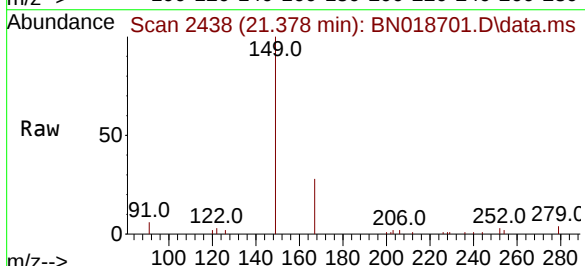
RT: 21.378 min Scan# 2438

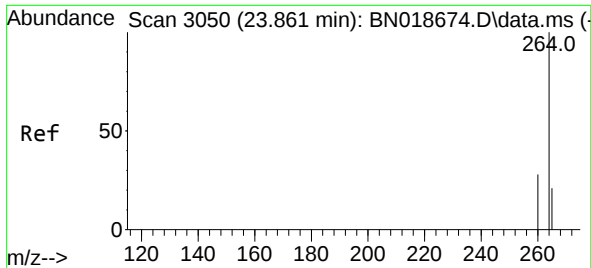
Delta R.T. 0.000 min

Lab File: BN018701.D

Acq: 23 Feb 2022 17:19

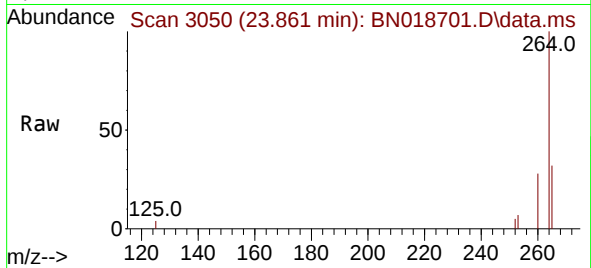
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 9557 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 27.4  | 23.7  | 35.5 |
| 279       | 2.9   | 3.6   | 5.4  |





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.861 min Scan# 3050  
 Delta R.T. 0.000 min  
 Lab File: BN018701.D  
 Acq: 23 Feb 2022 17:19

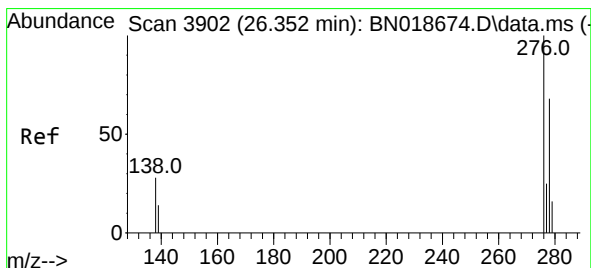
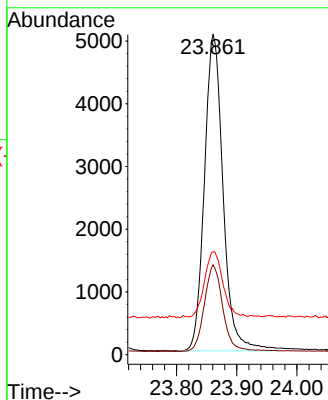
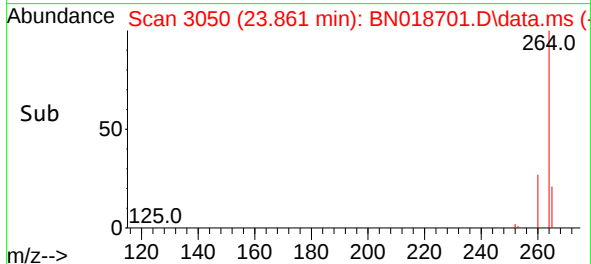
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PW-B6-L10-U-022222MSD



Tgt Ion:264 Resp: 10894  
 Ion Ratio Lower Upper  
 264 100  
 260 28.1 20.2 30.4  
 265 32.2 18.2 27.2

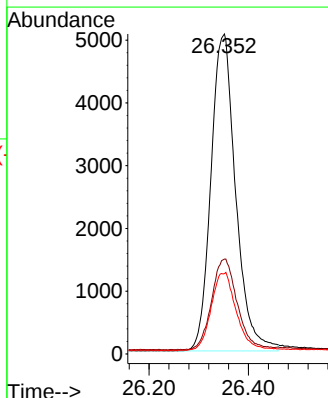
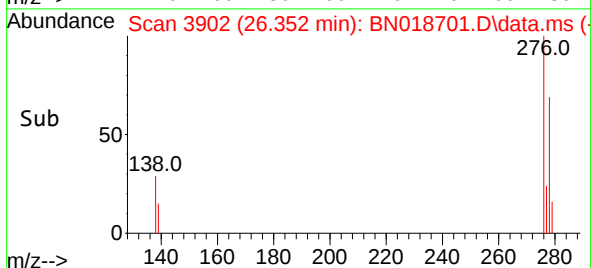
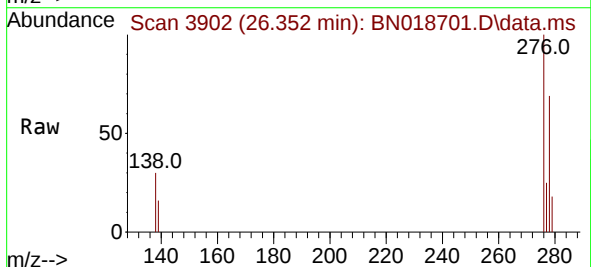
Manual Integrations  
 APPROVED

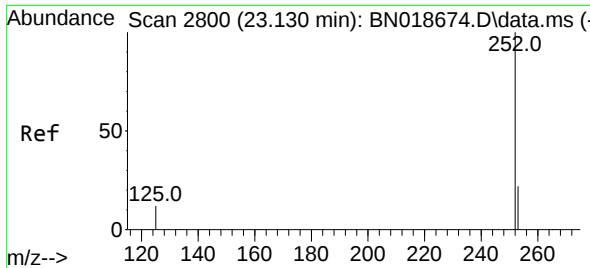
Reviewed By :Yogesh Patel 02/24/2022  
 Supervised By :mohammad ahmed 02/24/2022



#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.303 ng  
 RT: 26.352 min Scan# 3902  
 Delta R.T. 0.000 min  
 Lab File: BN018701.D  
 Acq: 23 Feb 2022 17:19

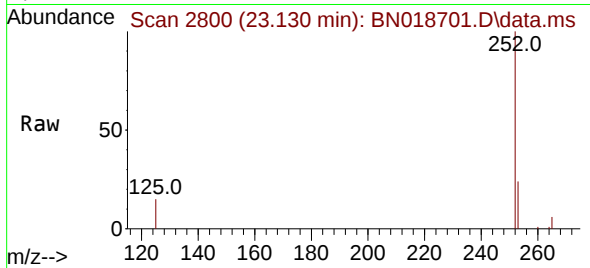
Tgt Ion:276 Resp: 17443  
 Ion Ratio Lower Upper  
 276 100  
 138 29.6 14.9 22.3  
 277 24.9 19.9 29.9





#37  
Benzo(b)fluoranthene  
Concen: 0.361 ng  
RT: 23.130 min Scan# 2800  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19

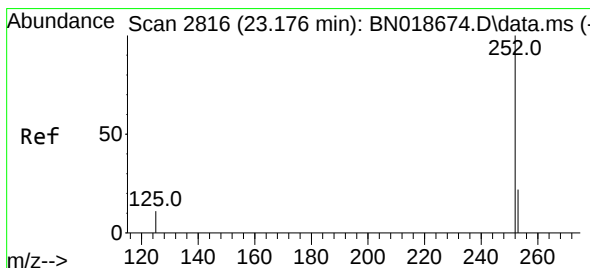
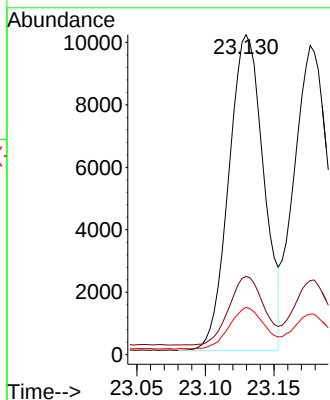
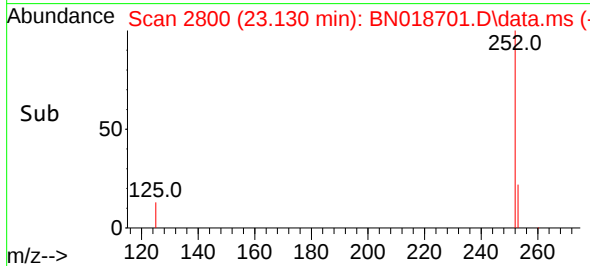
Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L10-U-022222MSD



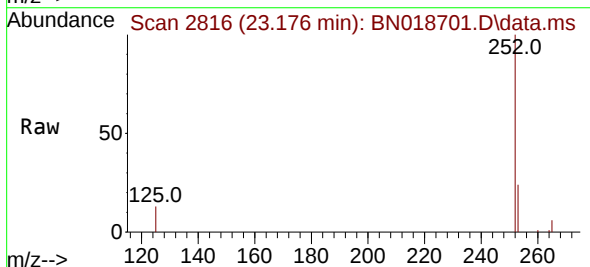
Tgt Ion:252 Resp: 17892  
Ion Ratio Lower Upper  
252 100  
253 24.5 17.8 26.6  
125 14.8 6.0 9.0

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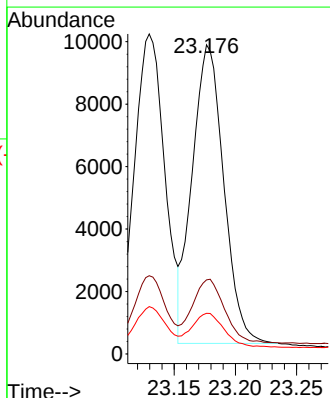
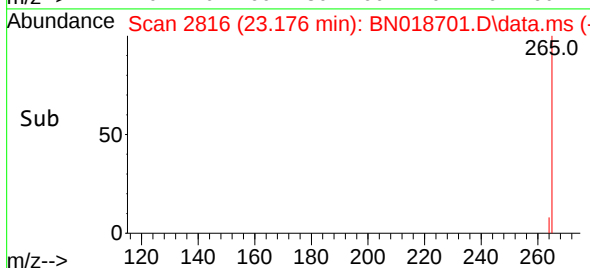
Reviewed By :Yogesh Patel 02/24/2022  
Supervised By :mohammad ahmed 02/24/2022

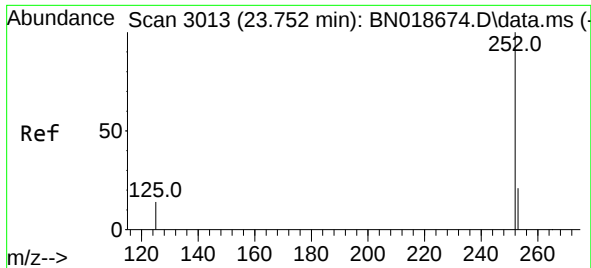


#38  
Benzo(k)fluoranthene  
Concen: 0.349 ng  
RT: 23.176 min Scan# 2816  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19



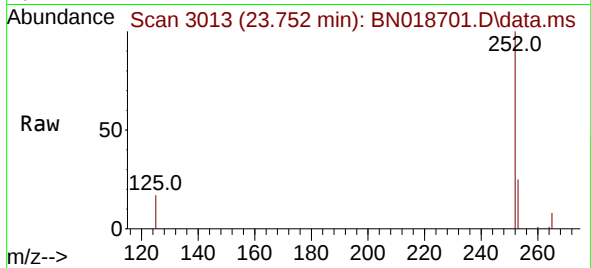
Tgt Ion:252 Resp: 17129  
Ion Ratio Lower Upper  
252 100  
253 24.0 17.7 26.5  
125 13.2 6.2 9.2





#39  
Benzo(a)pyrene  
Concen: 0.400 ng  
RT: 23.752 min Scan# 3013  
Delta R.T. 0.000 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19

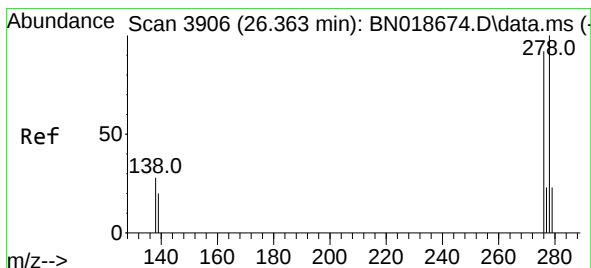
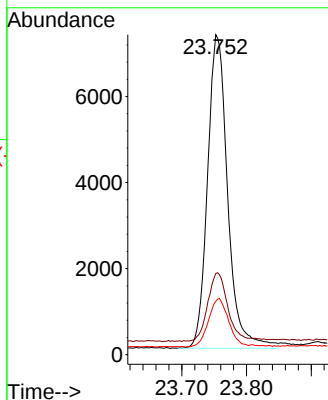
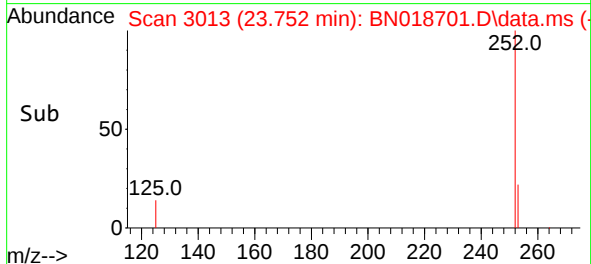
Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L10-U-022222MSD



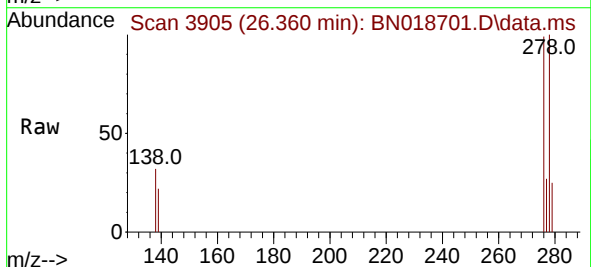
Tgt Ion:252 Resp: 1577  
Ion Ratio Lower Upper  
252 100  
253 25.4 17.8 26.6  
125 16.6 7.0 10.4

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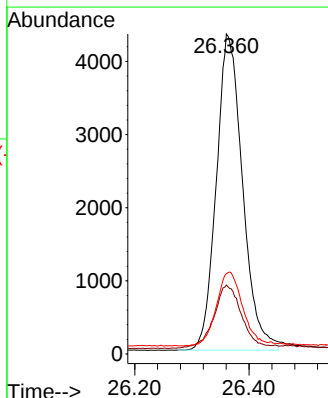
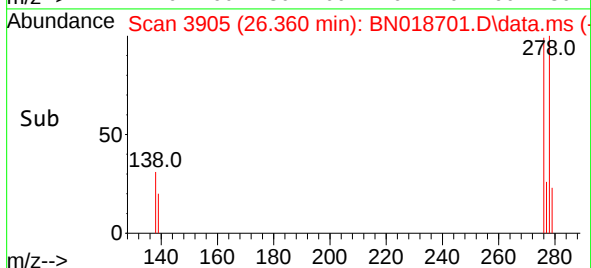
Reviewed By :Yogesh Patel 02/24/2022  
Supervised By :mohammad ahmed 02/24/2022

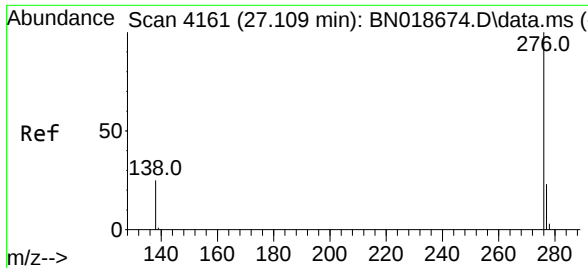


#40  
Dibenzo(a,h)anthracene  
Concen: 0.307 ng  
RT: 26.360 min Scan# 3905  
Delta R.T. -0.003 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19



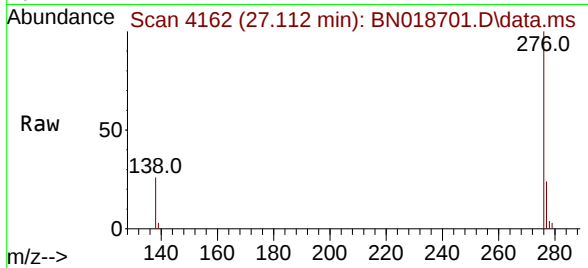
Tgt Ion:278 Resp: 13769  
Ion Ratio Lower Upper  
278 100  
139 21.6 10.8 16.2  
279 25.1 19.0 28.4





#41  
Benzo(g,h,i)perylene  
Concen: 0.306 ng  
RT: 27.112 min Scan# 41  
Delta R.T. 0.003 min  
Lab File: BN018701.D  
Acq: 23 Feb 2022 17:19

Instrument :  
BNA\_N  
ClientSampleId :  
PW-B6-L10-U-022222MSD



Tgt Ion:276 Resp: 1505  
Ion Ratio Lower Upper  
276 100  
277 24.3 19.0 28.6  
138 25.8 12.6 19.0

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 02/24/2022  
Supervised By :mohammad ahmed 02/24/2022

