

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032922\  
 Data File : BN019223.D  
 Acq On : 29 Mar 2022 13:57  
 Operator : CG/JU  
 Sample : N2107-02MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SS2MS

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 03/30/2022  
 Supervised By :Jagrut Upadhyay 03/30/2022

Quant Time: Mar 29 17:28:50 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN032522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 25 19:03:12 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.840  | 152  | 5317     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.648 | 136  | 13480    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.484 | 164  | 7040     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.226 | 188  | 12191    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.413 | 240  | 7374     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.782 | 264  | 5742     | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.399  | 112  | 3708     | 0.295 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.002  | 99   | 4326     | 0.301 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.993  | 82   | 3218     | 0.308 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.235 | 152  | 8209m    | 0.380 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.974 | 330  | 708      | 0.207 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.105 | 172  | 10034    | 0.339 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.257 | 212  | 12247    | 0.343 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.851 | 244  | 6222     | 0.378 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.239  | 88   | 2020     | 0.285 | ng    | # 80     |
| 3) n-Nitrosodimethylamine     | 3.557  | 42   | 3242     | 0.410 | ng    | # 94     |
| 6) bis(2-Chloroethyl)ether    | 7.255  | 93   | 6207     | 0.400 | ng    | 98       |
| 9) Naphthalene                | 10.690 | 128  | 16672    | 0.439 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.989 | 225  | 3731     | 0.438 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.310 | 142  | 10277    | 0.412 | ng    | 98       |
| 16) Acenaphthylene            | 14.196 | 152  | 14126    | 0.440 | ng    | 100      |
| 17) Acenaphthene              | 14.538 | 154  | 9878     | 0.434 | ng    | 99       |
| 18) Fluorene                  | 15.532 | 166  | 11733    | 0.405 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.618 | 198  | 577      | 0.291 | ng    | # 65     |
| 21) 4-Bromophenyl-phenylether | 16.415 | 248  | 3641     | 0.460 | ng    | # 89     |
| 22) Hexachlorobenzene         | 16.538 | 284  | 4474     | 0.477 | ng    | 99       |
| 23) Atrazine                  | 16.682 | 200  | 2242     | 0.408 | ng    | 98       |
| 24) Pentachlorophenol         | 16.887 | 266  | 862      | 0.257 | ng    | 99       |
| 25) Phenanthrene              | 17.267 | 178  | 25772    | 0.659 | ng    | 100      |
| 26) Anthracene                | 17.359 | 178  | 14773    | 0.456 | ng    | 99       |
| 28) Fluoranthene              | 19.286 | 202  | 29071    | 0.658 | ng    | 99       |
| 30) Pyrene                    | 19.649 | 202  | 26749    | 0.768 | ng    | 98       |
| 32) Benzo(a)anthracene        | 21.395 | 228  | 13674    | 0.577 | ng    | 99       |
| 33) Chrysene                  | 21.449 | 228  | 16741    | 0.551 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.324 | 149  | 9004     | 0.624 | ng    | # 100    |
| 36) Indeno(1,2,3-cd)pyrene    | 26.226 | 276  | 11724    | 0.511 | ng    | 94       |
| 37) Benzo(b)fluoranthene      | 23.059 | 252  | 13136    | 0.602 | ng    | 95       |
| 38) Benzo(k)fluoranthene      | 23.106 | 252  | 12820    | 0.463 | ng    | # 91     |
| 39) Benzo(a)pyrene            | 23.676 | 252  | 12034    | 0.644 | ng    | # 93     |
| 40) Dibenzo(a,h)anthracene    | 26.240 | 278  | 8922m    | 0.516 | ng    |          |
| 41) Benzo(g,h,i)perylene      | 26.968 | 276  | 13614    | 0.576 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

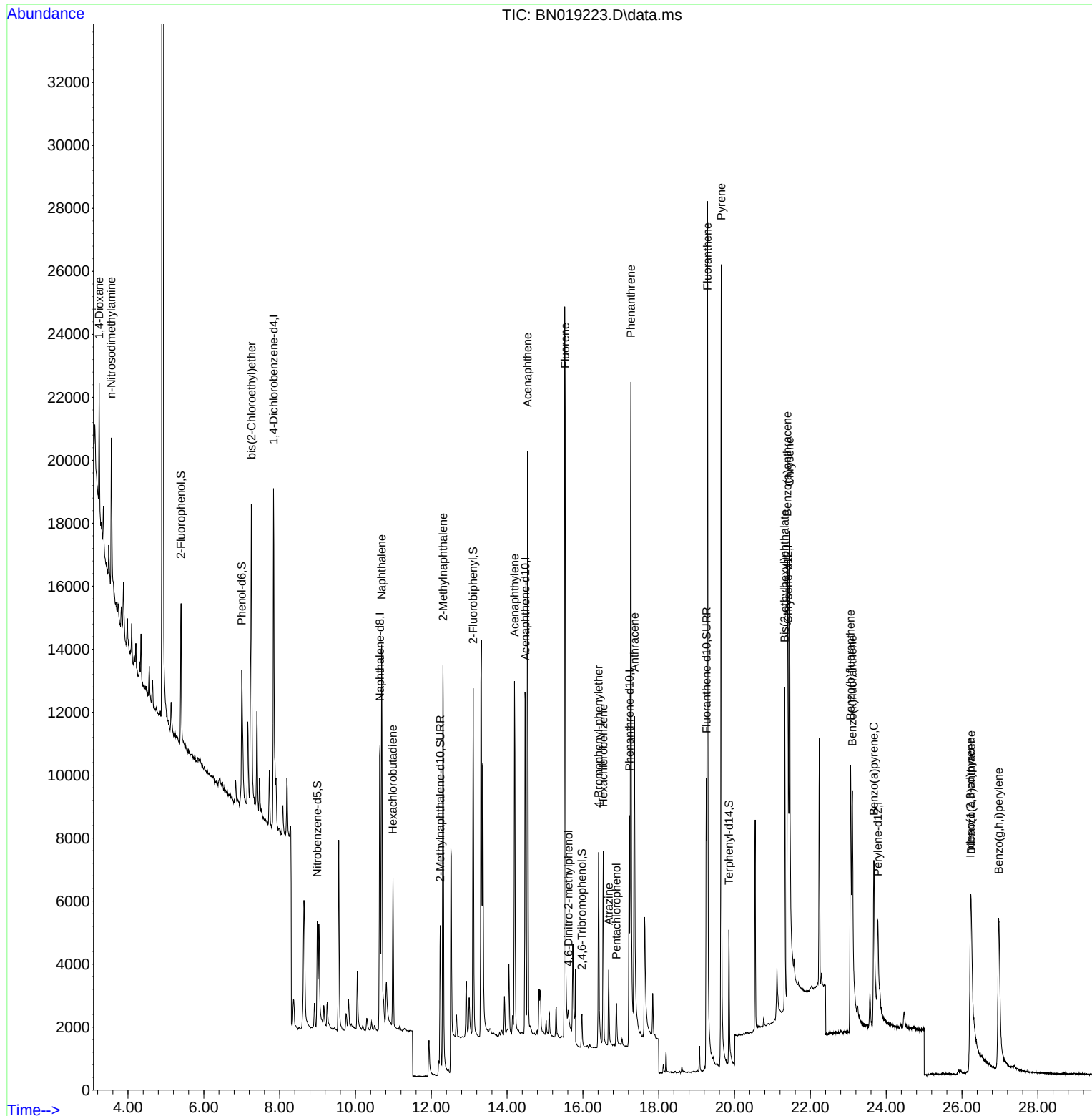
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032922\  
Data File : BN019223.D  
Acq On : 29 Mar 2022 13:57  
Operator : CG/JU  
Sample : N2107-02MS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

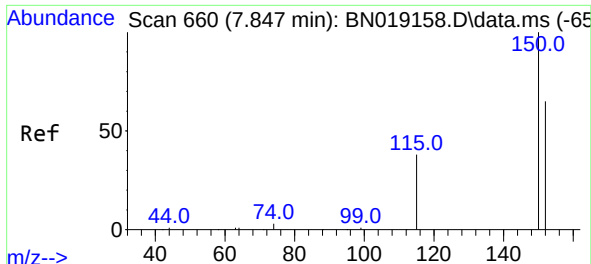
Instrument :  
BNA\_N  
ClientSampleId :  
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Quant Time: Mar 29 17:28:50 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN032522.M  
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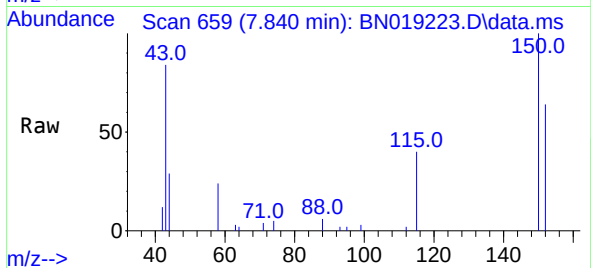
#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.840 min Scan# 61  
Delta R.T. -0.007 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57

Instrument :

BNA\_N

ClientSampleId :

SS2MS

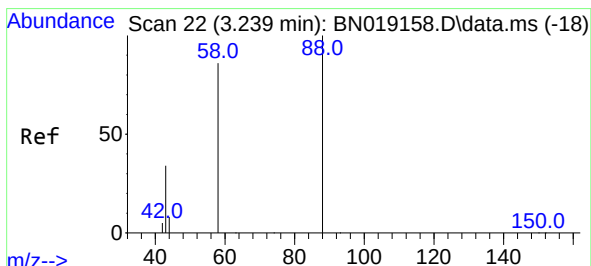
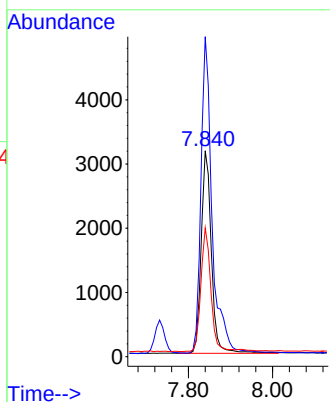
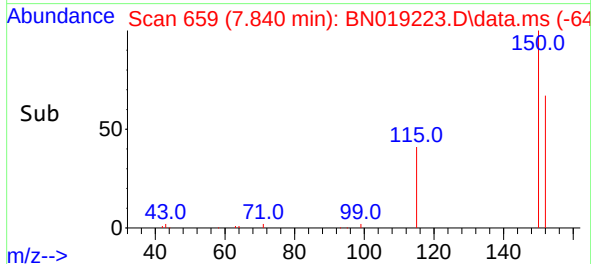


Tgt Ion:152 Resp: 531  
Ion Ratio Lower Upper  
152 100  
150 155.4 123.9 185.9  
115 62.5 48.2 72.4

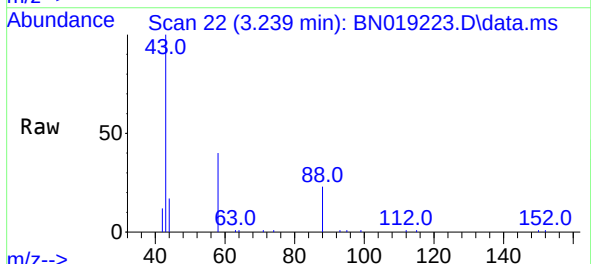
Manual Integrations

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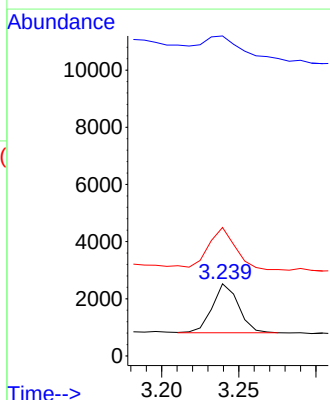
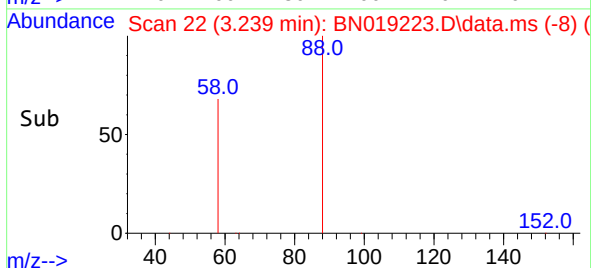
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Supervised By :Jagrut Upadhyay 03/30/2022

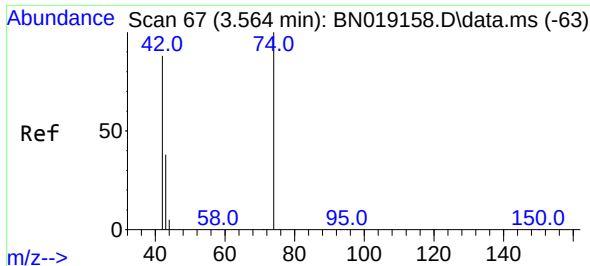


#2  
1,4-Dioxane  
Concen: 0.285 ng  
RT: 3.239 min Scan# 22  
Delta R.T. -0.000 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57



Tgt Ion: 88 Resp: 2020  
Ion Ratio Lower Upper  
88 100  
43 63.1 24.6 37.0#  
58 86.9 65.4 98.2





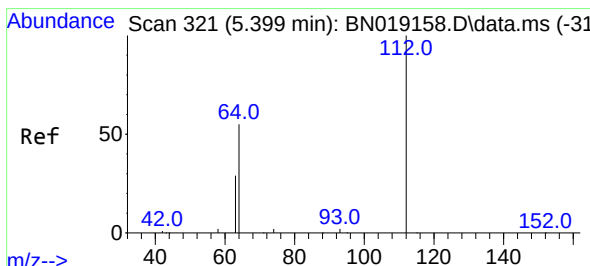
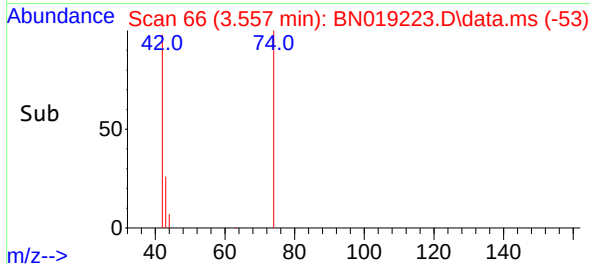
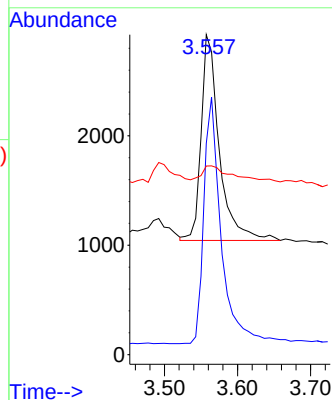
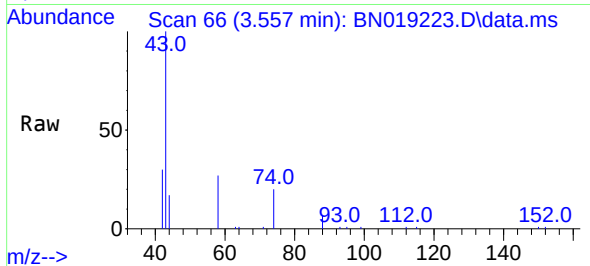
#3  
n-Nitrosodimethylamine  
Concen: 0.410 ng  
RT: 3.557 min Scan# 60  
Delta R.T. -0.007 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57

Instrument :  
BNA\_N  
ClientSampleId :  
SS2MS

Tgt Ion: 42 Resp: 324  
Ion Ratio Lower Upper  
42 100  
74 115.0 96.9 145.3  
44 13.4 7.3 10.9

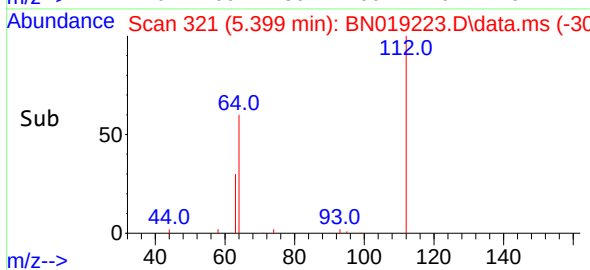
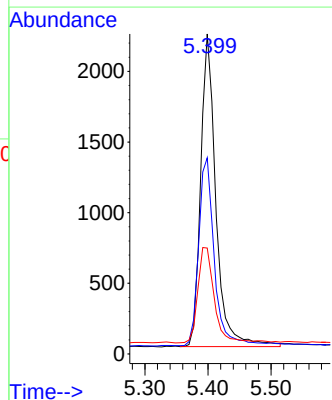
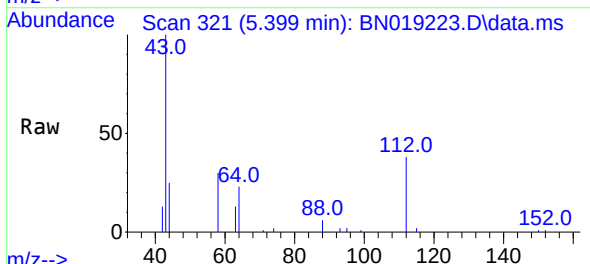
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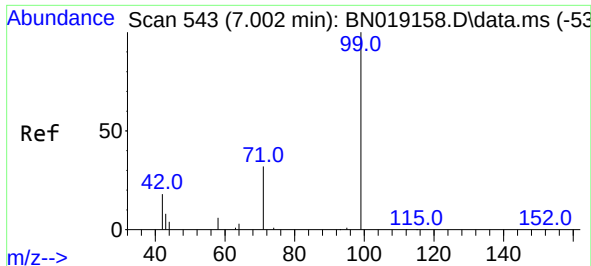
Reviewed By :Christian Giraldo 03/30/2022  
Supervised By :Jagrut Upadhyay 03/30/2022



#4  
2-Fluorophenol  
Concen: 0.295 ng  
RT: 5.399 min Scan# 321  
Delta R.T. -0.000 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57

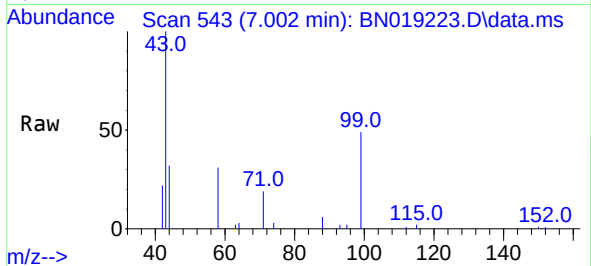
Tgt Ion:112 Resp: 3708  
Ion Ratio Lower Upper  
112 100  
64 62.1 47.8 71.8  
63 32.7 25.7 38.5





#5  
Phenol-d6  
Concen: 0.301 ng  
RT: 7.002 min Scan# 543  
Delta R.T. -0.000 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57

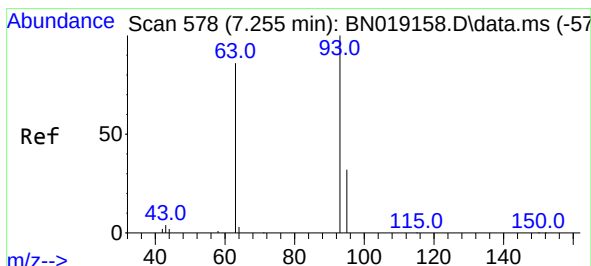
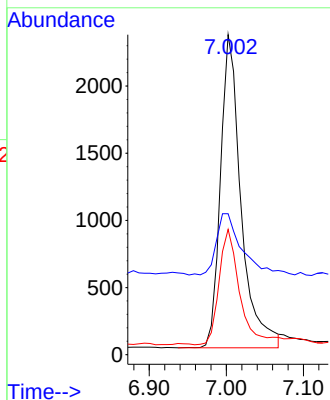
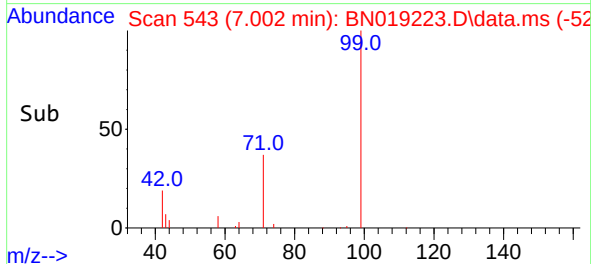
Instrument :  
BNA\_N  
ClientSampleId :  
SS2MS



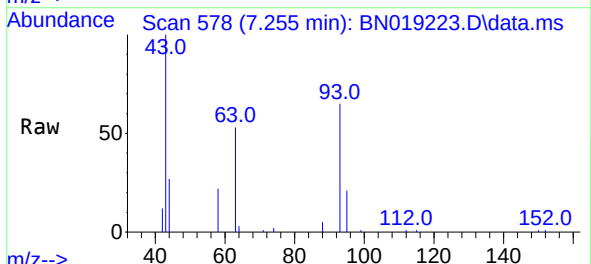
Tgt Ion: 99 Resp: 4320  
Ion Ratio Lower Upper  
99 100  
42 23.5 16.2 24.4  
71 37.2 27.7 41.5

Manual Integrations  
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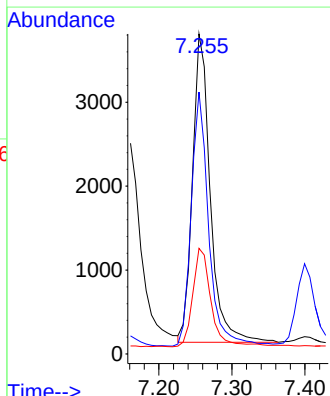
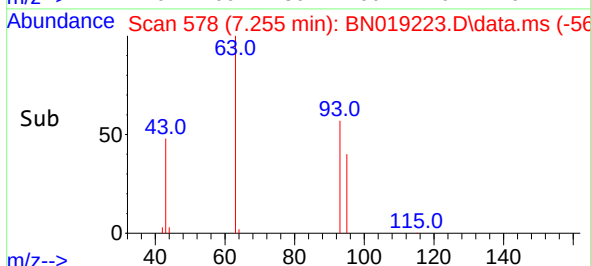
Reviewed By :Christian Giraldo 03/30/2022  
Supervised By :Jagrut Upadhyay 03/30/2022

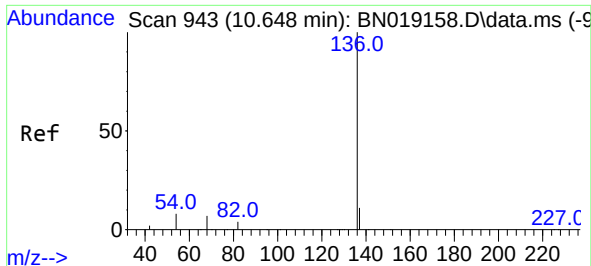


#6  
bis(2-Chloroethyl)ether  
Concen: 0.400 ng  
RT: 7.255 min Scan# 578  
Delta R.T. -0.000 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57



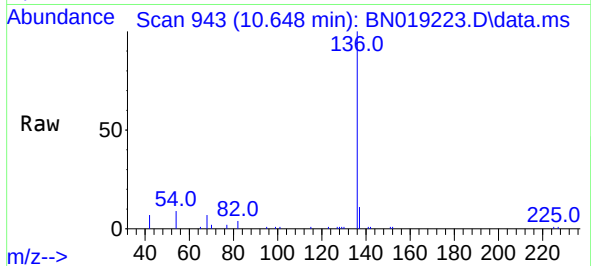
Tgt Ion: 93 Resp: 6207  
Ion Ratio Lower Upper  
93 100  
63 80.7 62.8 94.2  
95 33.4 26.2 39.4





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.648 min Scan# 943  
Delta R.T. -0.000 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57

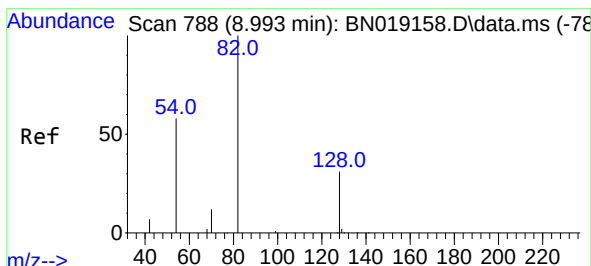
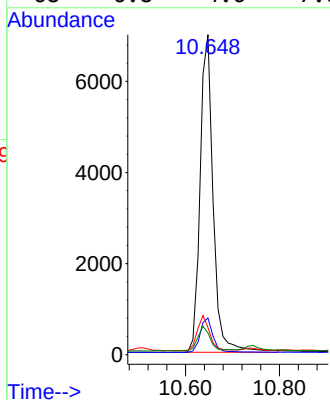
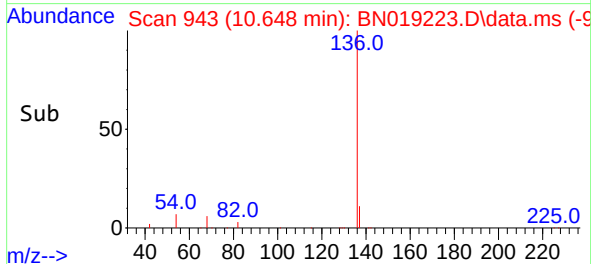
Instrument :  
BNA\_N  
ClientSampleId :  
SS2MS



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 13480 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.5  | 9.0   | 13.4  |
| 54       | 8.5   | 5.8   | 8.6   |
| 68       | 6.8   | 4.6   | 7.0   |

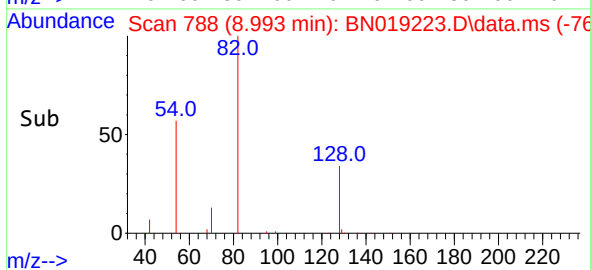
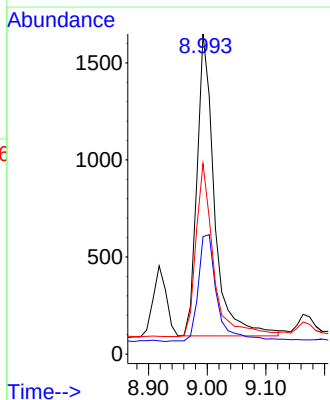
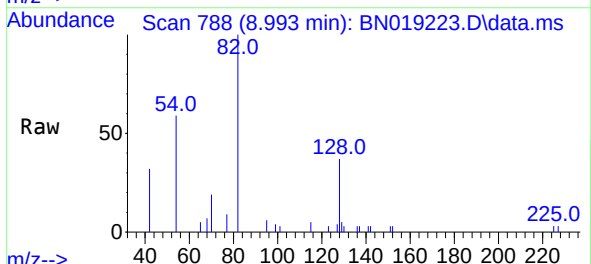
Manual Integrations  
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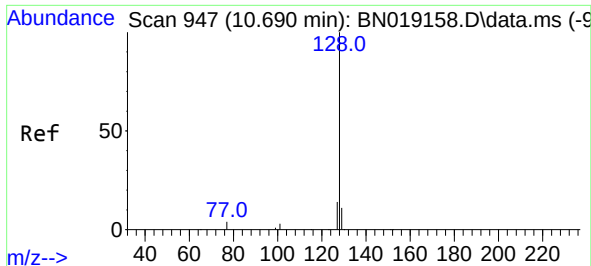
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#8  
Nitrobenzene-d5  
Concen: 0.308 ng  
RT: 8.993 min Scan# 788  
Delta R.T. -0.000 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57

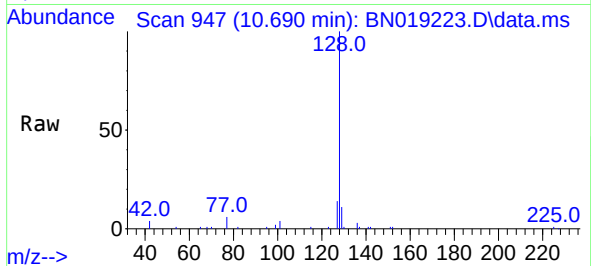
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 3218  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 36.7  | 33.0  | 49.6  |
| 54       | 59.5  | 42.5  | 63.7  |





#9  
Naphthalene  
Concen: 0.439 ng  
RT: 10.690 min Scan# 947  
Delta R.T. -0.000 min  
Lab File: BN019223.D  
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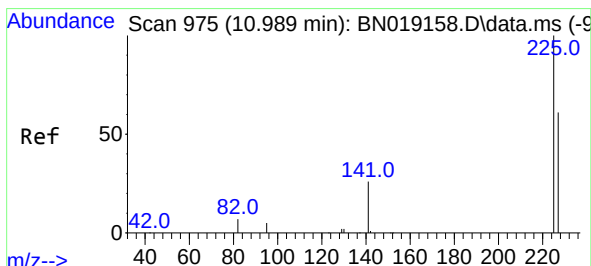
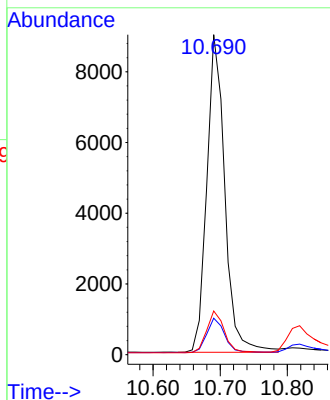
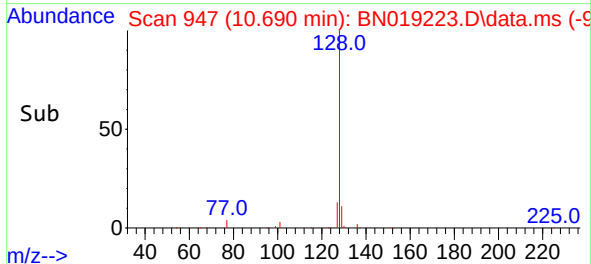
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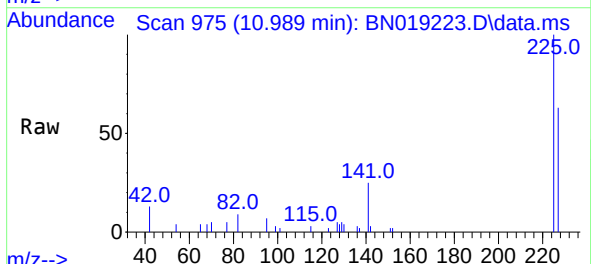
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Ion Ratio Lower Upper  
128 100  
129 11.4 9.0 13.4  
127 13.7 10.7 16.1

Manual Integrations  
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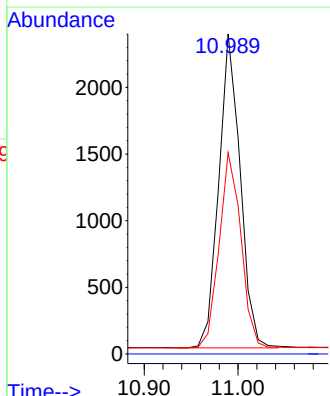
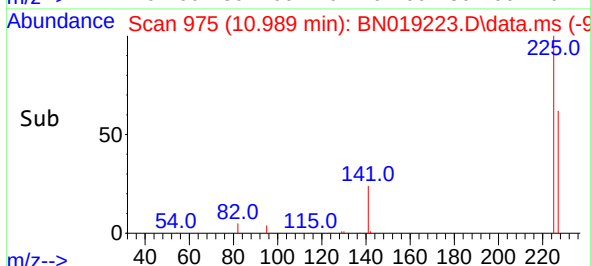
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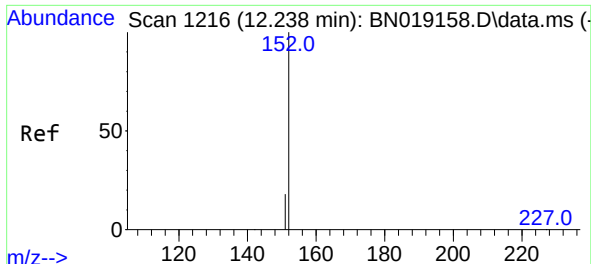


#10  
Hexachlorobutadiene  
Concen: 0.438 ng  
RT: 10.989 min Scan# 975  
Delta R.T. -0.000 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57



Tgt Ion:225 Resp: 3731  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.2 51.0 76.6





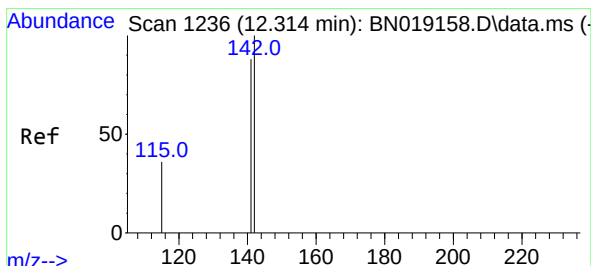
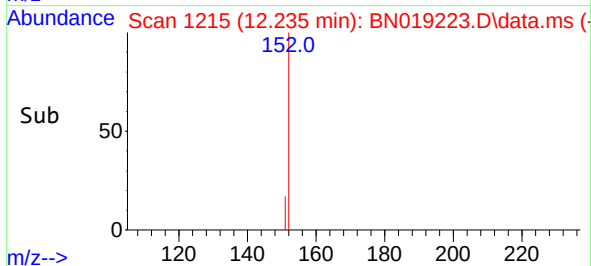
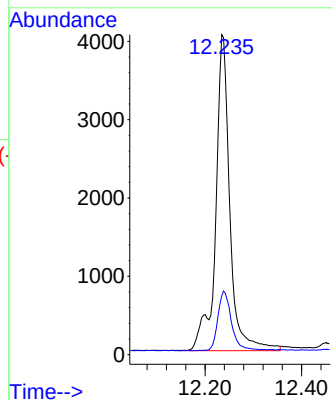
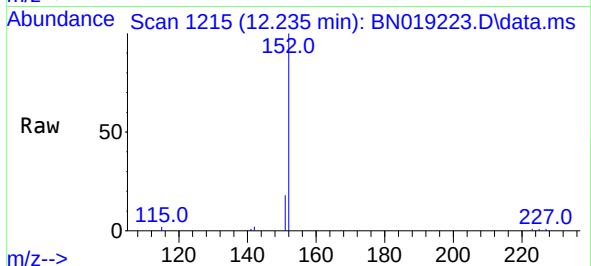
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2-Methylnaphthalene-d10  
Concen: 0.380 ng m  
RT: 12.235 min Scan# 11  
Delta R.T. -0.004 min  
Lab File: BN019223.D  
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Instrument :  
BNA\_N  
ClientSampleId :  
SS2MS

Tgt Ion:152 Resp: 8209  
Ion Ratio Lower Upper  
152 100  
151 18.3 16.5 24.7

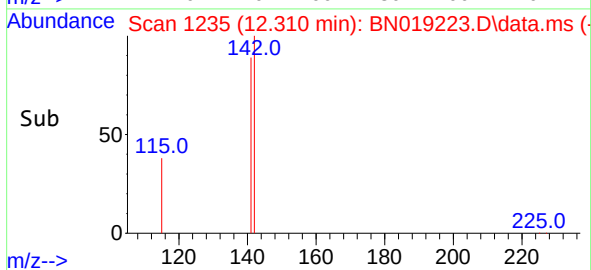
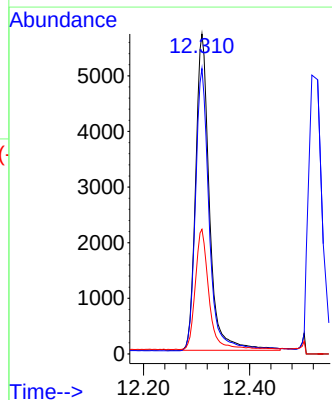
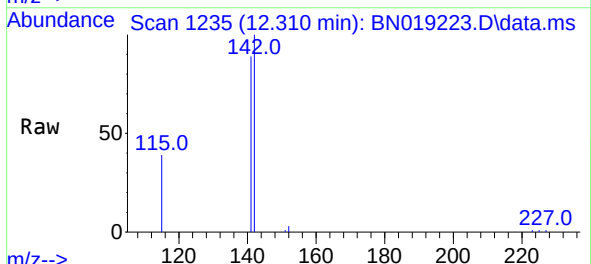
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Reviewed By :Christian Giraldo 03/30/2022  
Supervised By :Jagrut Upadhyay 03/30/2022

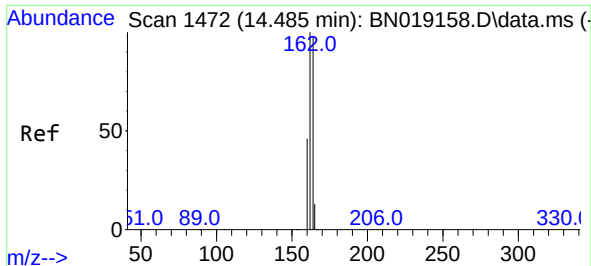


#12  
2-Methylnaphthalene  
Concen: 0.412 ng  
RT: 12.310 min Scan# 1235  
Delta R.T. -0.004 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57

Tgt Ion:142 Resp: 10277  
Ion Ratio Lower Upper  
142 100  
141 89.2 70.0 105.0  
115 39.0 29.8 44.8

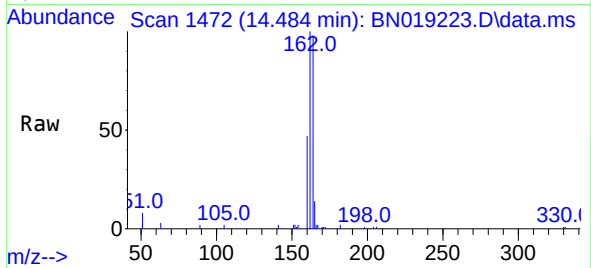






#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.484 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57

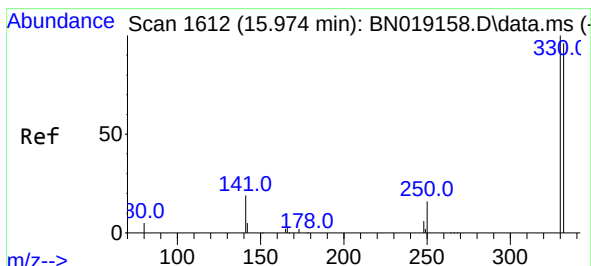
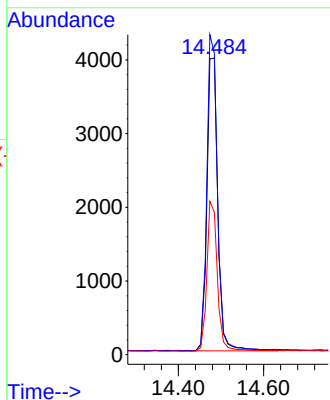
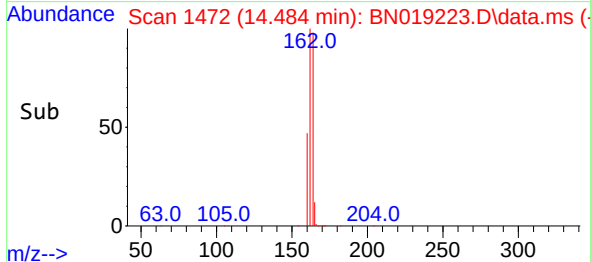
Instrument :  
BNA\_N  
ClientSampleId :  
SS2MS



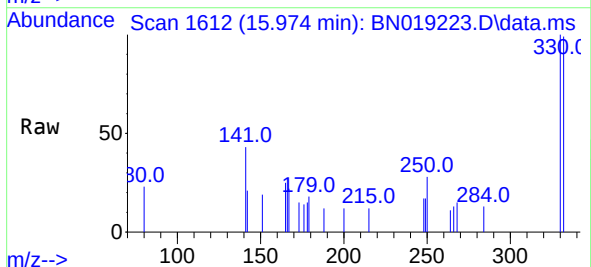
Tgt Ion:164 Resp: 7040  
Ion Ratio Lower Upper  
164 100  
162 101.6 85.2 127.8  
160 48.1 41.5 62.3

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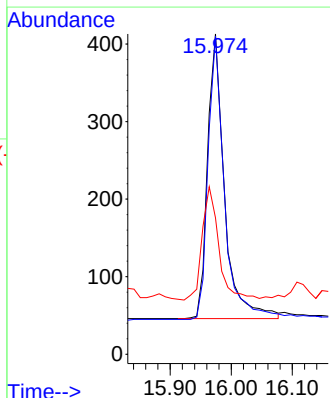
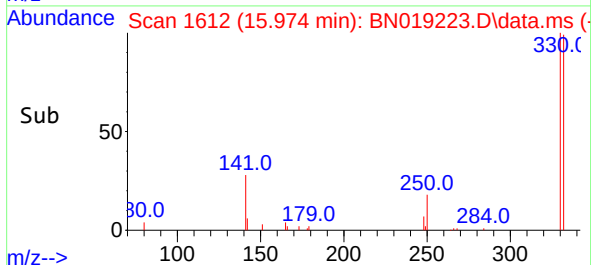
Reviewed By :Christian Giraldo 03/30/2022  
Supervised By :Jagrut Upadhyay 03/30/2022

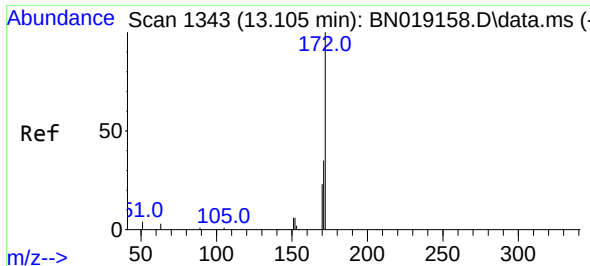


#14  
2,4,6-Tribromophenol  
Concen: 0.207 ng  
RT: 15.974 min Scan# 1612  
Delta R.T. -0.000 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57



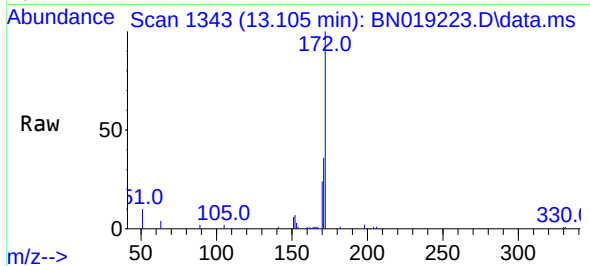
Tgt Ion:330 Resp: 708  
Ion Ratio Lower Upper  
330 100  
332 97.3 76.8 115.2  
141 39.0 32.2 48.2





#15  
2-Fluorobiphenyl  
Concen: 0.339 ng  
RT: 13.105 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57

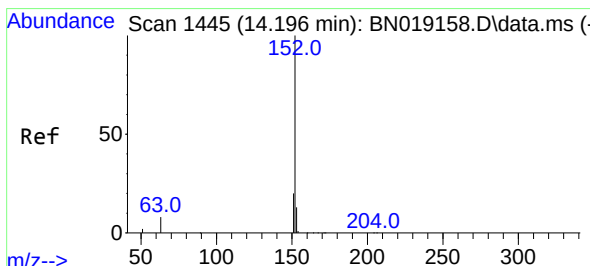
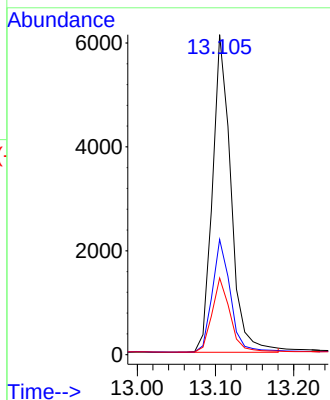
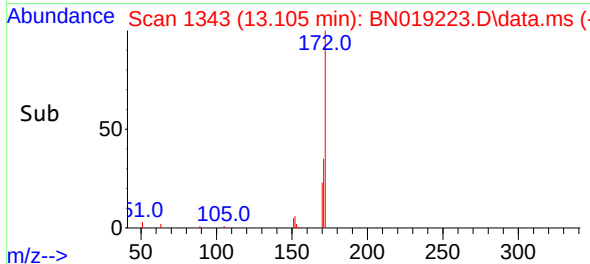
Instrument :  
BNA\_N  
ClientSampleId :  
SS2MS



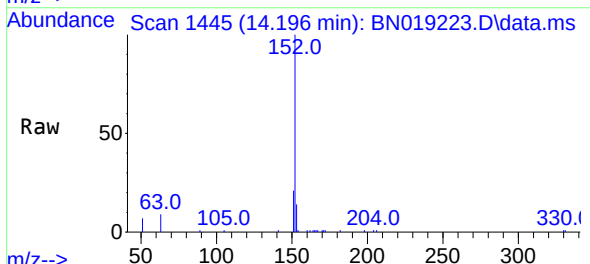
Tgt Ion:172 Resp: 10034  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.2 42.2  
170 23.9 18.7 28.1

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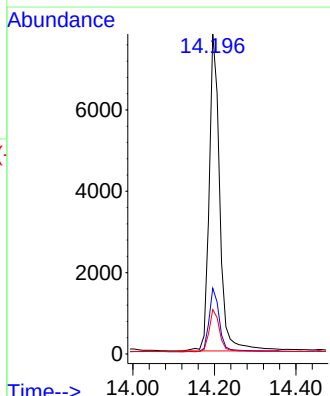
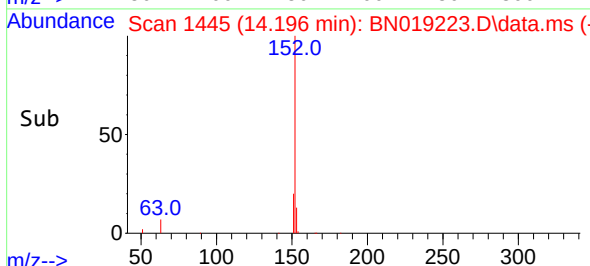
Reviewed By :Christian Giraldo 03/30/2022  
Supervised By :Jagrut Upadhyay 03/30/2022

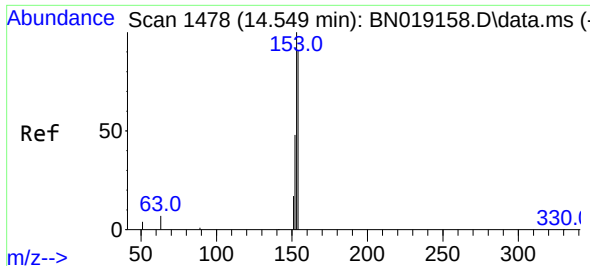


#16  
Acenaphthylene  
Concen: 0.440 ng  
RT: 14.196 min Scan# 1445  
Delta R.T. -0.000 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57



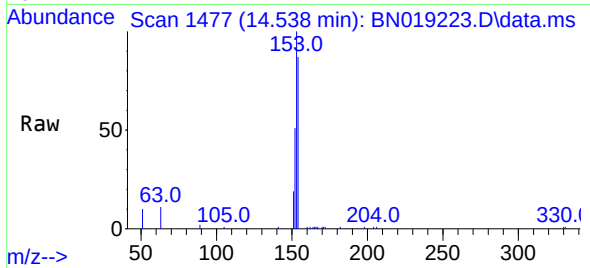
Tgt Ion:152 Resp: 14126  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.9 23.9  
153 13.2 10.6 15.8





#17  
Acenaphthene  
Concen: 0.434 ng  
RT: 14.538 min Scan# 1477  
Delta R.T. -0.011 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57

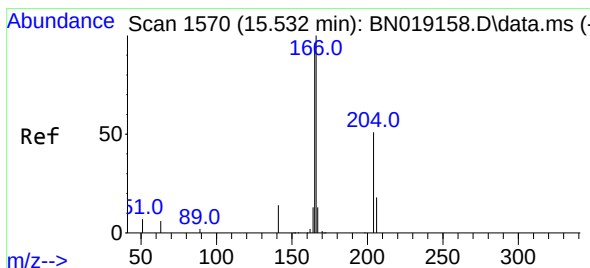
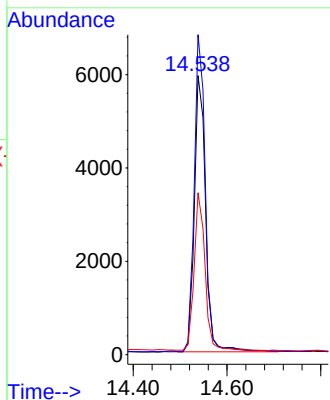
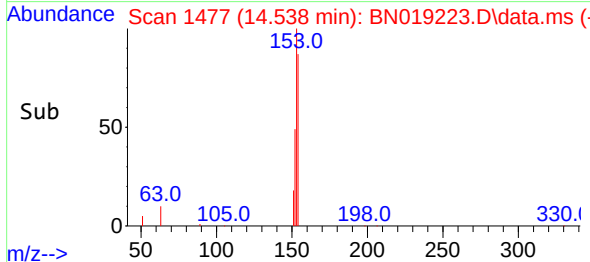
Instrument :  
BNA\_N  
ClientSampleId :  
SS2MS



Tgt Ion:154 Resp: 9878  
Ion Ratio Lower Upper  
154 100  
153 113.0 89.7 134.5  
152 55.1 44.7 67.1

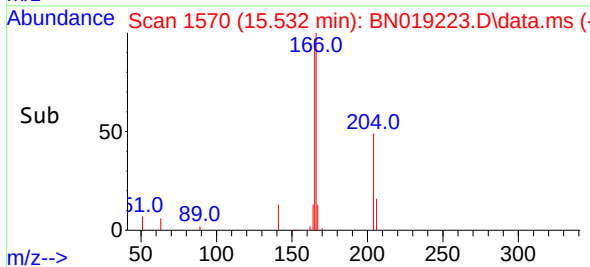
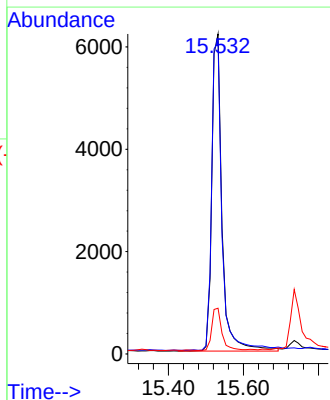
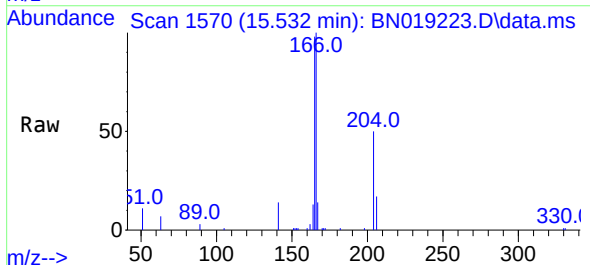
Manual Integrations  
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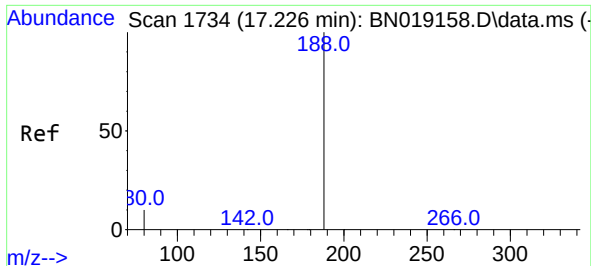
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Supervised By :Jagrut Upadhyay 03/30/2022



#18  
Fluorene  
Concen: 0.405 ng  
RT: 15.532 min Scan# 1570  
Delta R.T. -0.000 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57

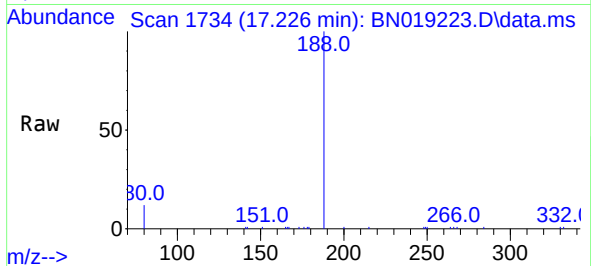
Tgt Ion:166 Resp: 11733  
Ion Ratio Lower Upper  
166 100  
165 98.2 79.2 118.8  
167 13.3 10.7 16.1





#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.226 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57

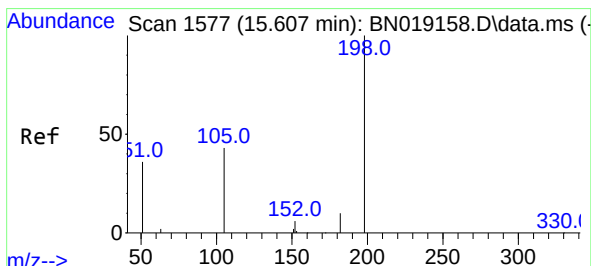
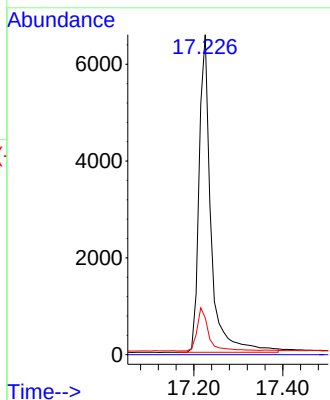
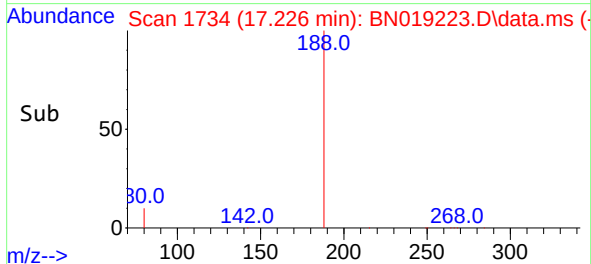
Instrument :  
BNA\_N  
ClientSampleId :  
SS2MS



Tgt Ion:188 Resp: 1219  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.5 11.8 17.8

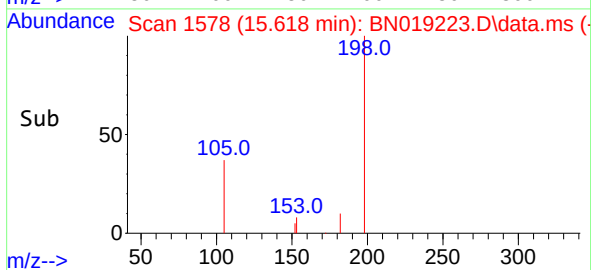
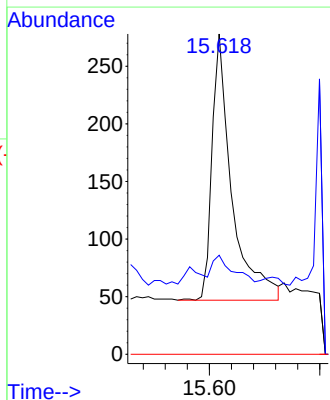
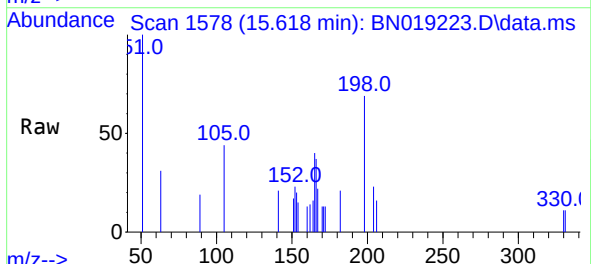
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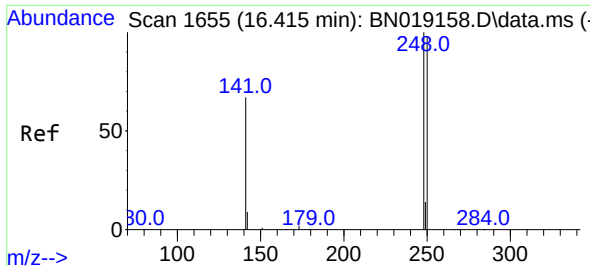
Reviewed By :Christian Giraldo 03/30/2022  
Supervised By :Jagrut Upadhyay 03/30/2022



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.291 ng  
RT: 15.618 min Scan# 1578  
Delta R.T. 0.011 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57

Tgt Ion:198 Resp: 577  
Ion Ratio Lower Upper  
198 100  
182 30.9 13.0 19.4#  
77 0.0 0.0 0.0





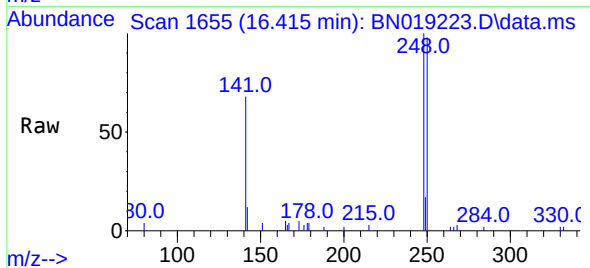
#21  
4-Bromophenyl-phenylether  
Concen: 0.460 ng  
RT: 16.415 min Scan# 1655  
Delta R.T. -0.000 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57

Instrument :

BNA\_N

ClientSampleId :

SS2MS

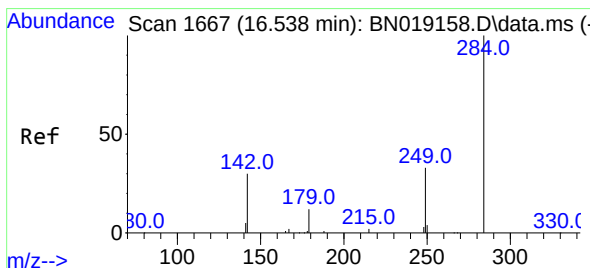
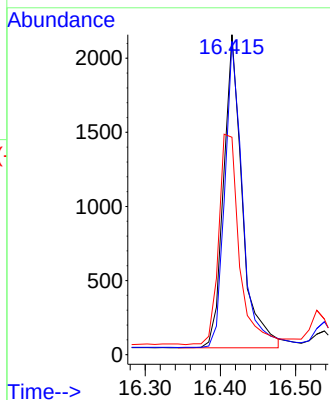
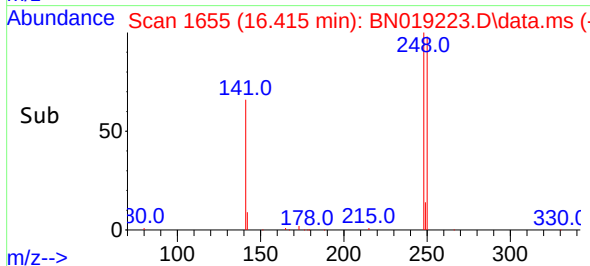


Tgt Ion:248 Resp: 364  
Ion Ratio Lower Upper  
248 100  
250 97.9 80.7 121.1  
141 67.9 39.6 59.4

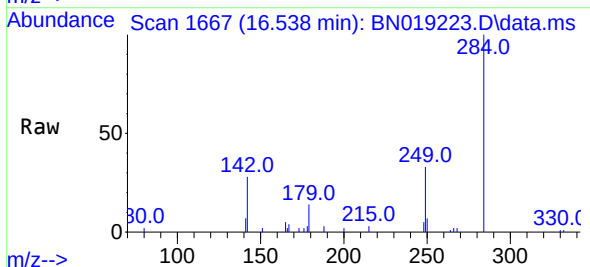
Manual Integrations

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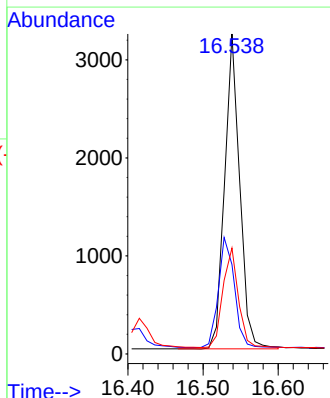
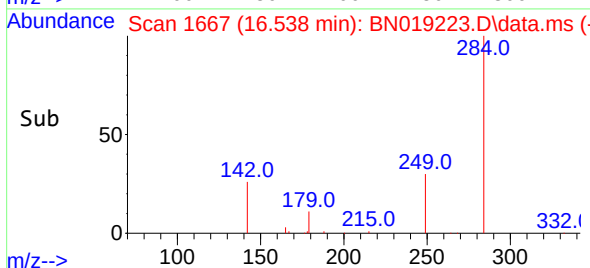
Reviewed By :Christian Giraldo 03/30/2022  
Supervised By :Jagrut Upadhyay 03/30/2022

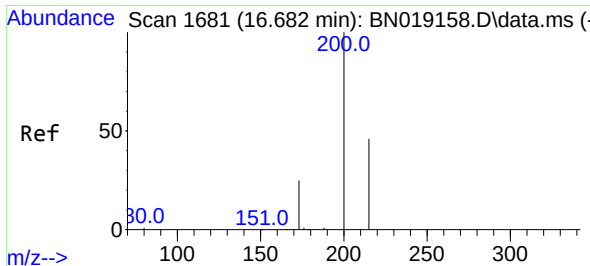


#22  
Hexachlorobenzene  
Concen: 0.477 ng  
RT: 16.538 min Scan# 1667  
Delta R.T. -0.000 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57



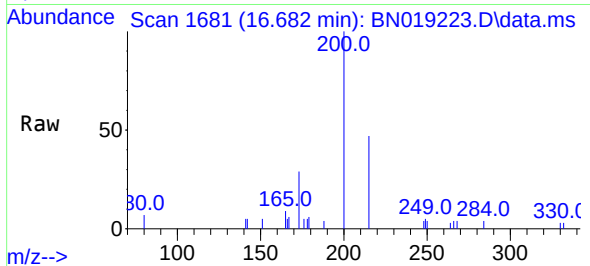
Tgt Ion:284 Resp: 4474  
Ion Ratio Lower Upper  
284 100  
142 36.9 29.8 44.8  
249 32.4 26.2 39.2





#23  
Atrazine  
Concen: 0.408 ng  
RT: 16.682 min Scan# 110  
Delta R.T. -0.000 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57

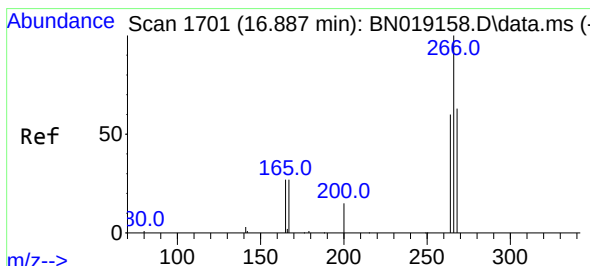
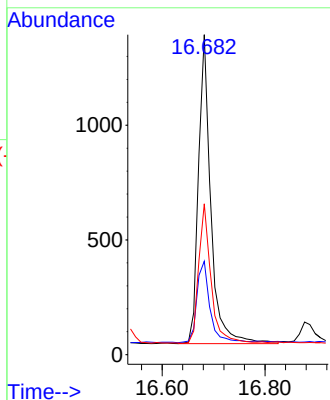
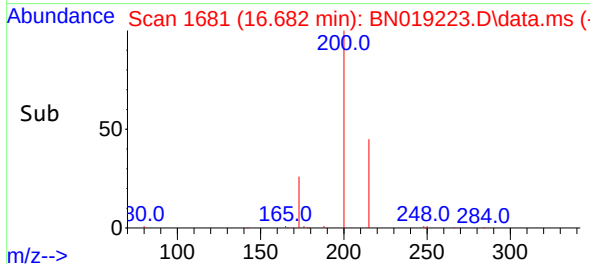
Instrument :  
BNA\_N  
ClientSampleId :  
SS2MS



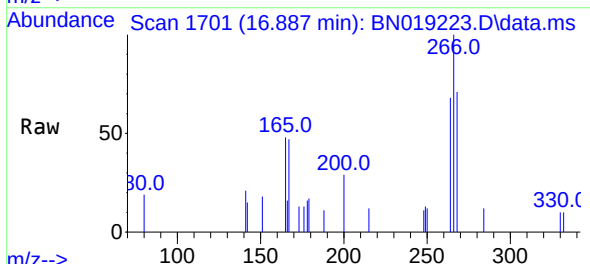
Tgt Ion:200 Resp: 224  
Ion Ratio Lower Upper  
200 100  
173 29.2 23.9 35.9  
215 47.2 36.6 54.8

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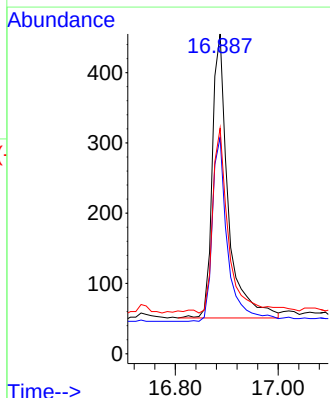
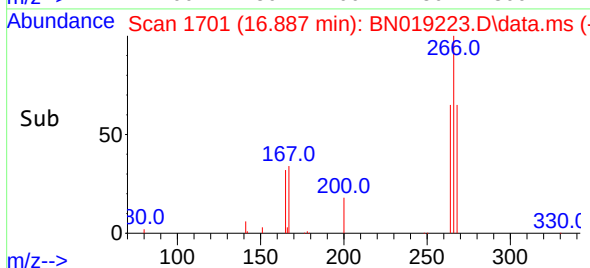
Reviewed By :Christian Giraldo 03/30/2022  
Supervised By :Jagrut Upadhyay 03/30/2022

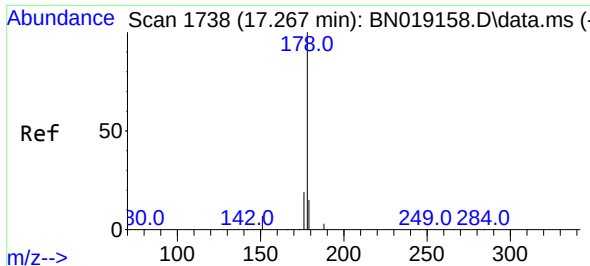


#24  
Pentachlorophenol  
Concen: 0.257 ng  
RT: 16.887 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57



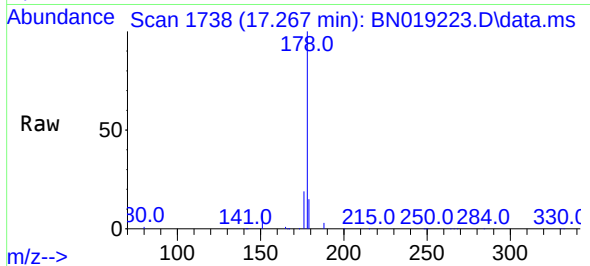
Tgt Ion:266 Resp: 862  
Ion Ratio Lower Upper  
266 100  
264 63.0 50.2 75.4  
268 66.2 51.9 77.9





#25  
Phenanthrene  
Concen: 0.659 ng  
RT: 17.267 min Scan# 1738  
Delta R.T. -0.000 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57

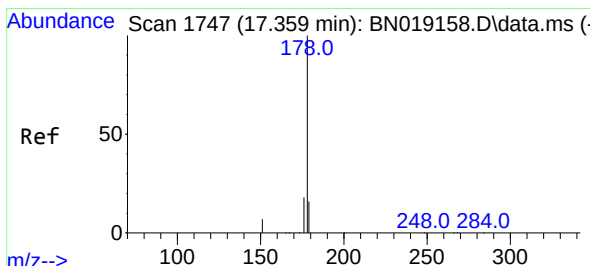
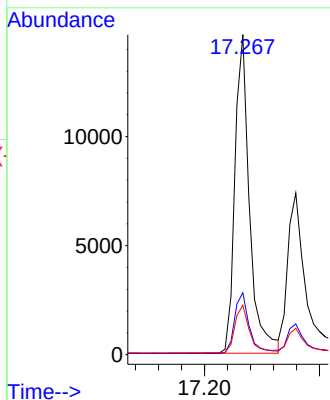
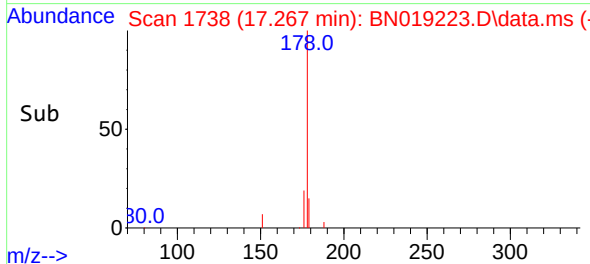
Instrument :  
BNA\_N  
ClientSampleId :  
SS2MS



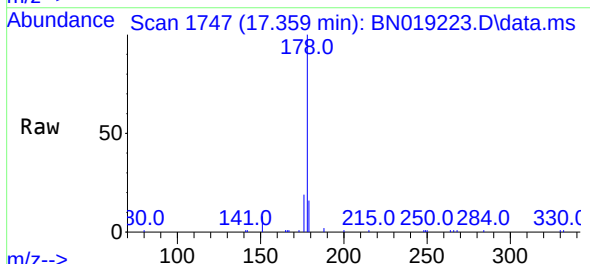
Tgt Ion:178 Resp: 25772  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.4 23.0  
179 15.1 12.2 18.2

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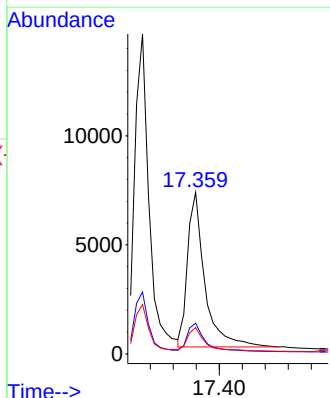
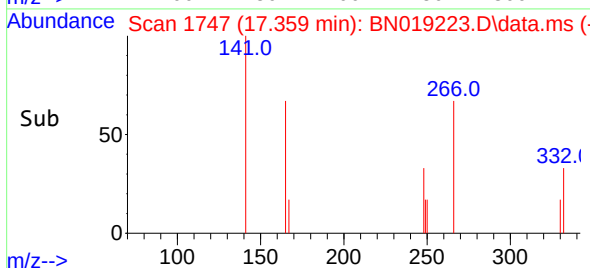
Reviewed By :Christian Giraldo 03/30/2022  
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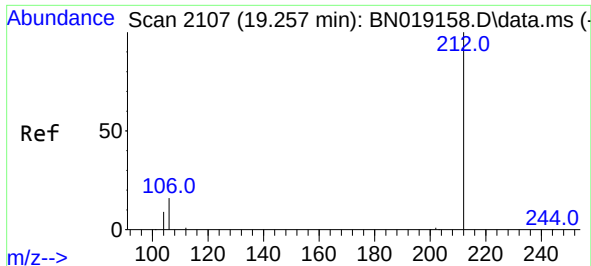


#26  
Anthracene  
Concen: 0.456 ng  
RT: 17.359 min Scan# 1747  
Delta R.T. -0.000 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57



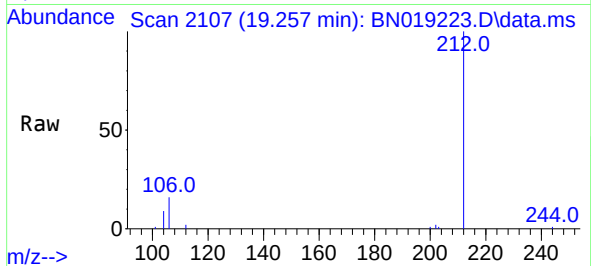
Tgt Ion:178 Resp: 14773  
Ion Ratio Lower Upper  
178 100  
176 18.6 14.8 22.2  
179 15.9 12.2 18.4





#27  
Fluoranthene-d10  
Concen: 0.343 ng  
RT: 19.257 min Scan# 2107  
Delta R.T. -0.000 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57

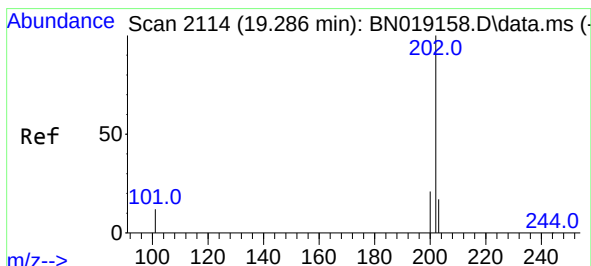
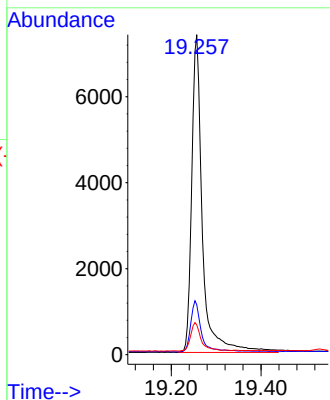
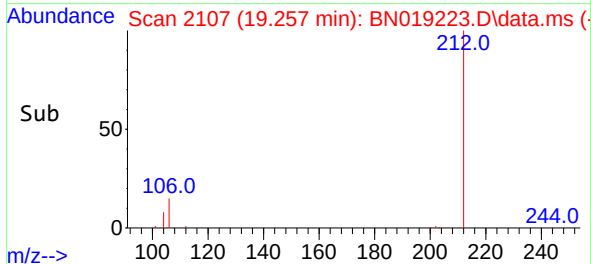
Instrument :  
BNA\_N  
ClientSampleId :  
SS2MS



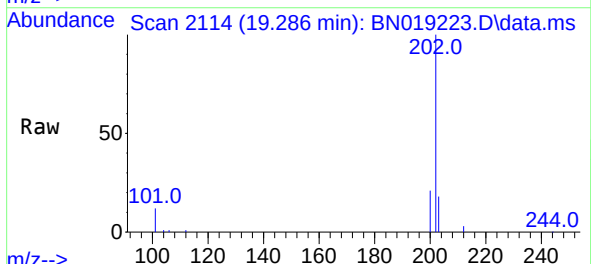
Tgt Ion:212 Resp: 1224  
Ion Ratio Lower Upper  
212 100  
106 15.7 12.7 19.1  
104 8.6 7.1 10.7

Manual Integrations  
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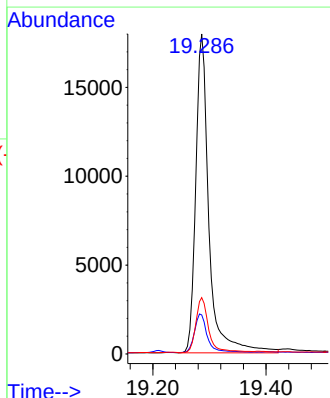
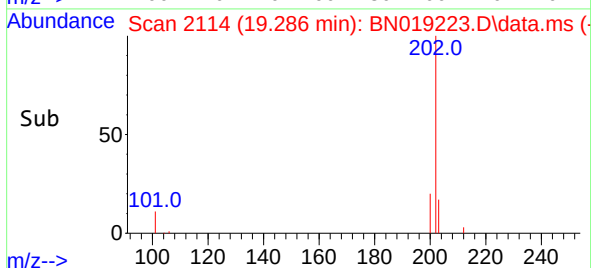
Reviewed By :Christian Giraldo 03/30/2022  
Supervised By :Jagrut Upadhyay 03/30/2022



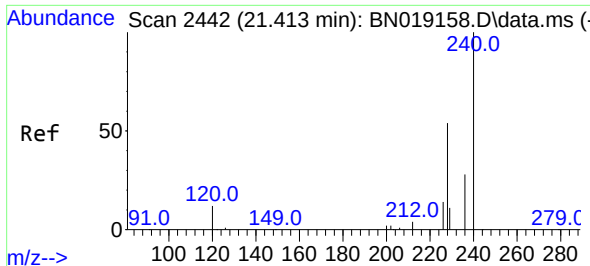
#28  
Fluoranthene  
Concen: 0.658 ng  
RT: 19.286 min Scan# 2114  
Delta R.T. -0.000 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57



Tgt Ion:202 Resp: 29071  
Ion Ratio Lower Upper  
202 100  
101 11.9 9.8 14.6  
203 16.9 13.7 20.5

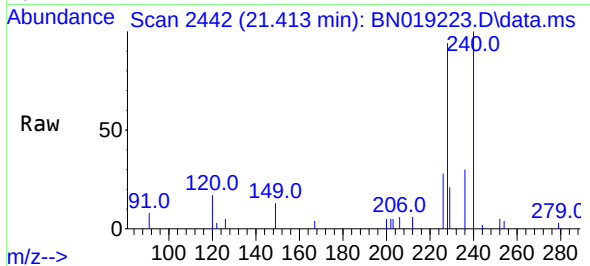






#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.413 min Scan# 2442  
Delta R.T. -0.000 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57

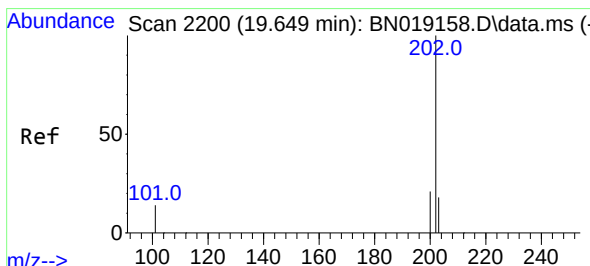
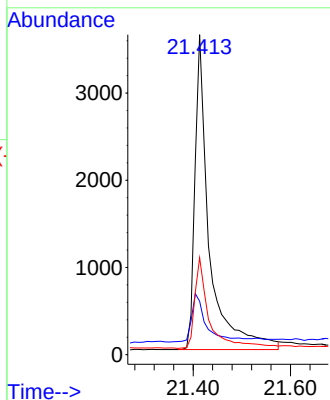
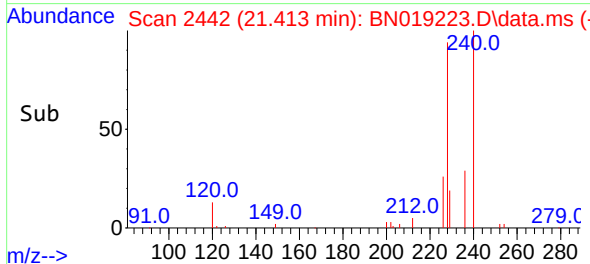
Instrument :  
BNA\_N  
ClientSampleId :  
SS2MS



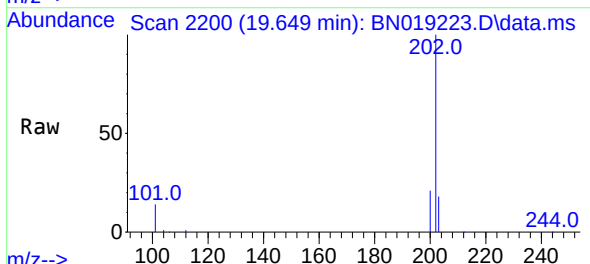
Tgt Ion:240 Resp: 7374  
Ion Ratio Lower Upper  
240 100  
120 16.7 8.5 12.7  
236 30.3 22.4 33.6

Manual Integrations  
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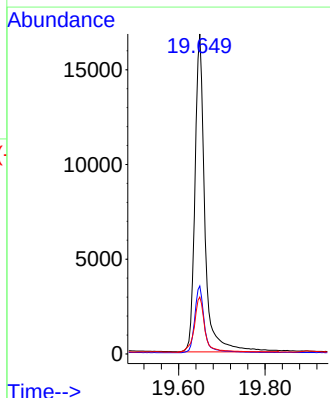
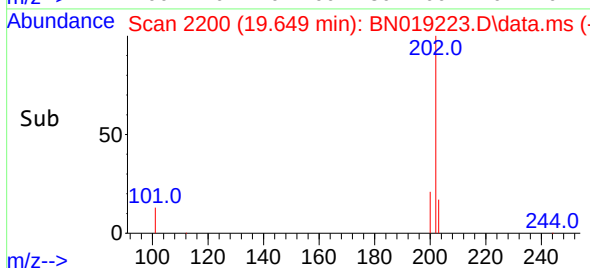
Reviewed By :Christian Giraldo 03/30/2022  
Supervised By :Jagrut Upadhyay 03/30/2022

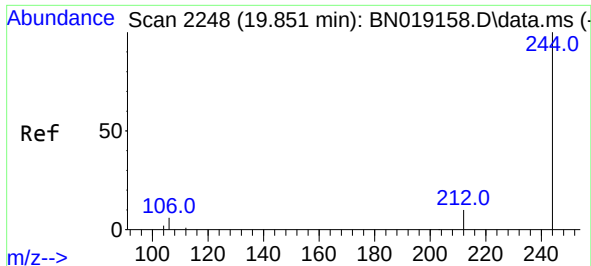


#30  
Pyrene  
Concen: 0.768 ng  
RT: 19.649 min Scan# 2200  
Delta R.T. -0.000 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57



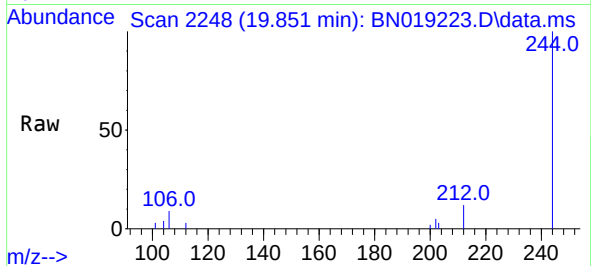
Tgt Ion:202 Resp: 26749  
Ion Ratio Lower Upper  
202 100  
200 20.8 16.9 25.3  
203 18.9 14.2 21.2





#31  
 Terphenyl-d14  
 Concen: 0.378 ng  
 RT: 19.851 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BN019223.D  
 Acq: 29 Mar 2022 13:57

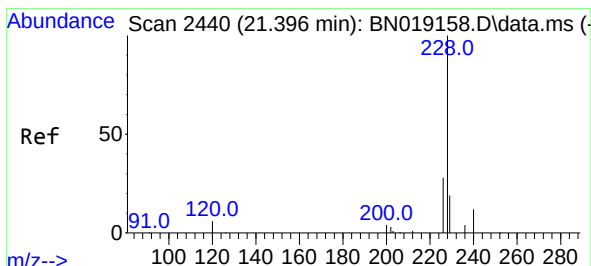
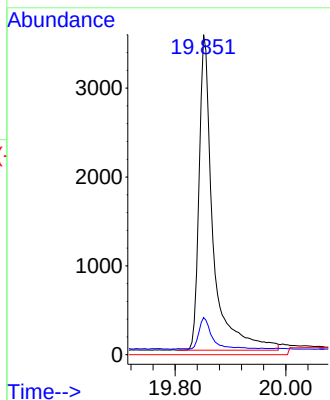
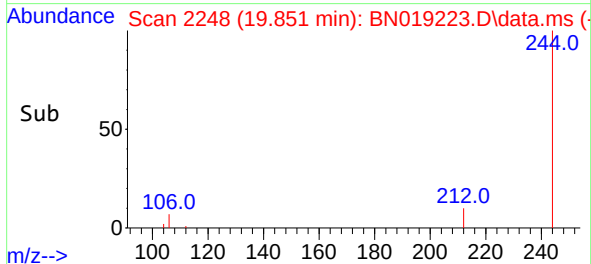
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SS2MS



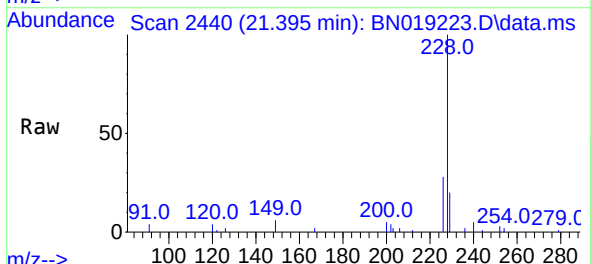
Tgt Ion:244 Resp: 622  
 Ion Ratio Lower Upper  
 244 100  
 212 11.6 8.2 12.4  
 122 0.0 0.0 0.0

Manual Integrations  
 APPROVED

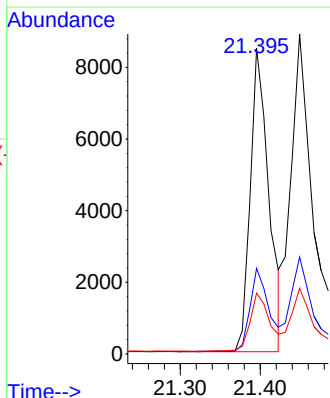
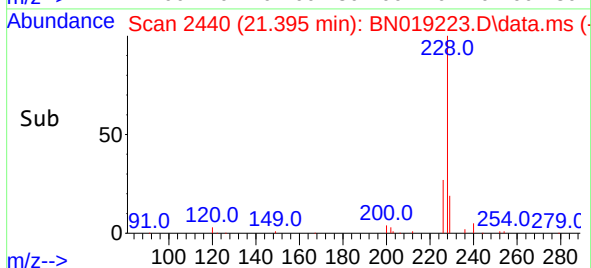
Reviewed By :Christian Giraldo 03/30/2022  
 Supervised By :Jagrut Upadhyay 03/30/2022

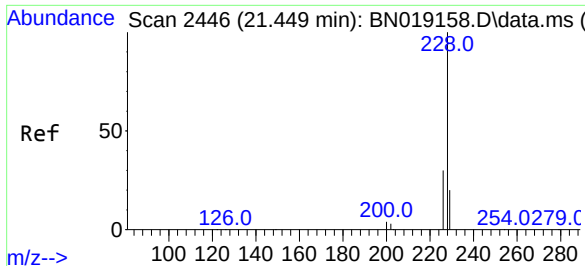


#32  
 Benzo(a)anthracene  
 Concen: 0.577 ng  
 RT: 21.395 min Scan# 2440  
 Delta R.T. -0.000 min  
 Lab File: BN019223.D  
 Acq: 29 Mar 2022 13:57



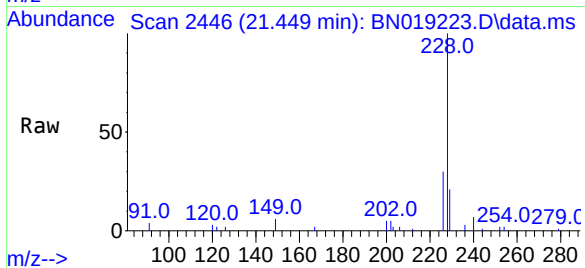
Tgt Ion:228 Resp: 13674  
 Ion Ratio Lower Upper  
 228 100  
 226 28.0 21.9 32.9  
 229 19.9 16.0 24.0





#33  
Chrysene  
Concen: 0.551 ng  
RT: 21.449 min Scan# 2446  
Delta R.T. -0.000 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57

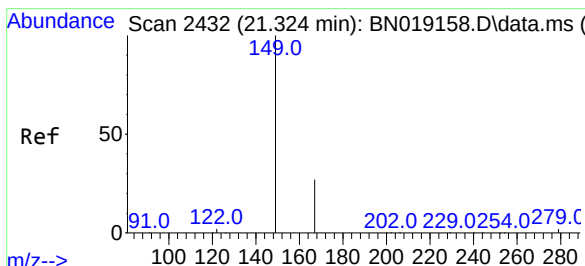
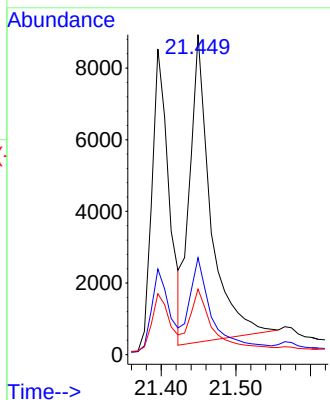
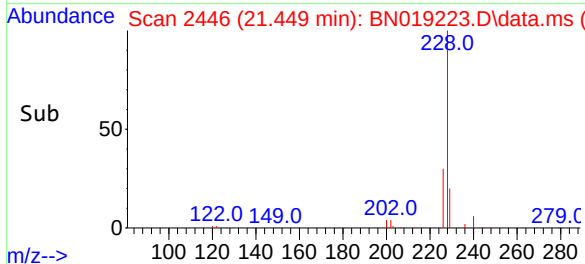
Instrument :  
BNA\_N  
ClientSampleId :  
SS2MS



Tgt Ion:228 Resp: 1674  
Ion Ratio Lower Upper  
228 100  
226 30.3 24.0 36.0  
229 20.5 15.9 23.9

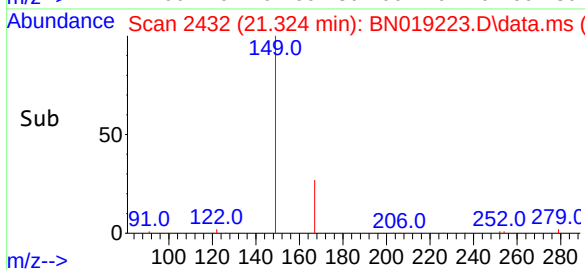
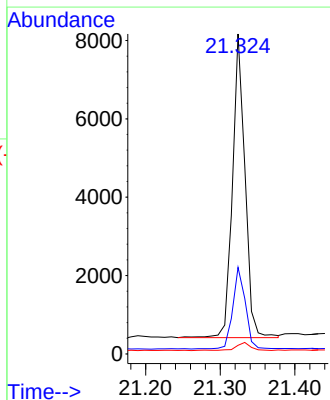
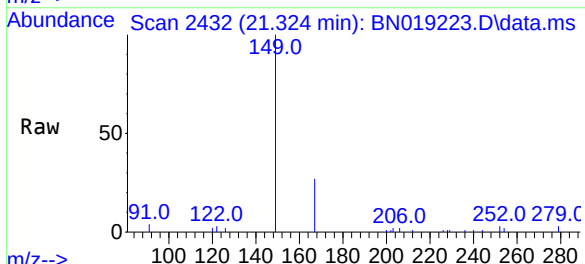
Manual Integrations  
APPROVED

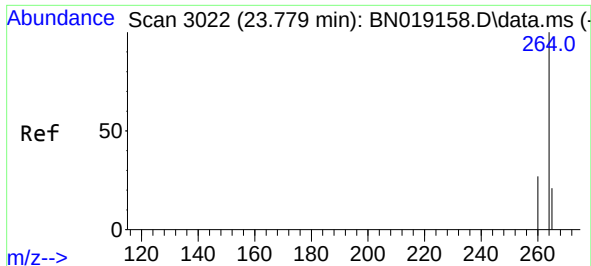
Reviewed By :Christian Giraldo 03/30/2022  
Supervised By :Jagrut Upadhyay 03/30/2022



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.624 ng  
RT: 21.324 min Scan# 2432  
Delta R.T. -0.000 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57

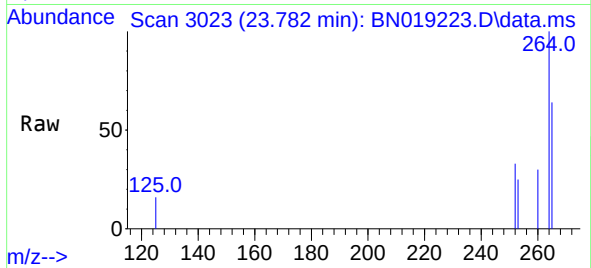
Tgt Ion:149 Resp: 9004  
Ion Ratio Lower Upper  
149 100  
167 27.2 21.8 32.8  
279 3.2 2.0 3.0#





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.782 min Scan# 3022  
Delta R.T. 0.003 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57

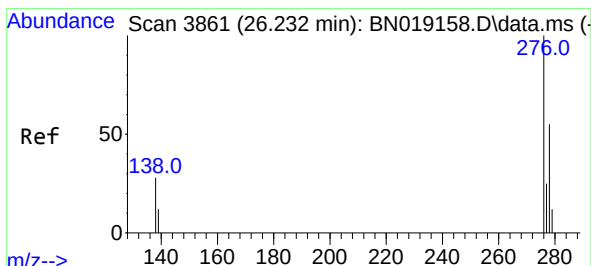
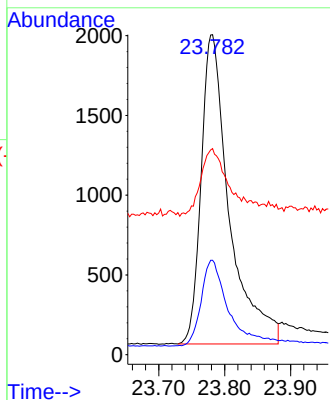
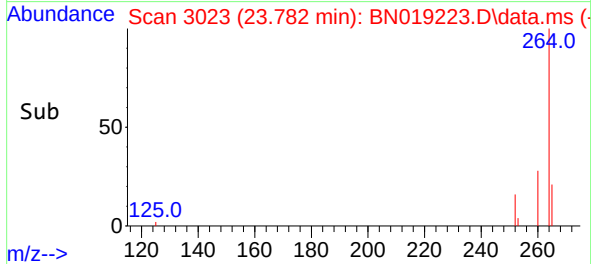
Instrument :  
BNA\_N  
ClientSampleId :  
SS2MS



Tgt Ion:264 Resp: 5742  
Ion Ratio Lower Upper  
264 100  
260 29.5 22.4 33.6  
265 64.4 25.3 37.9

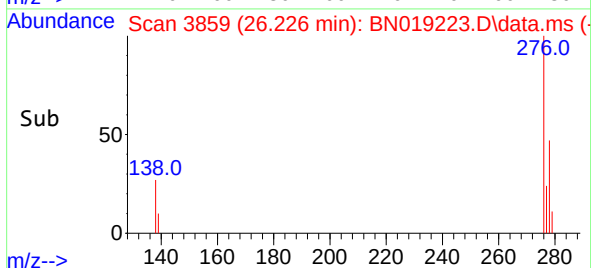
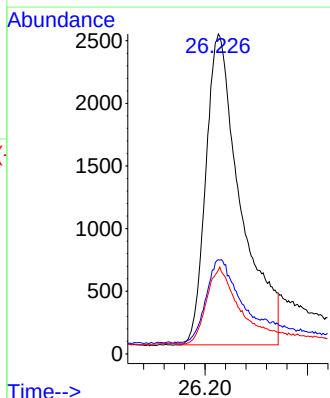
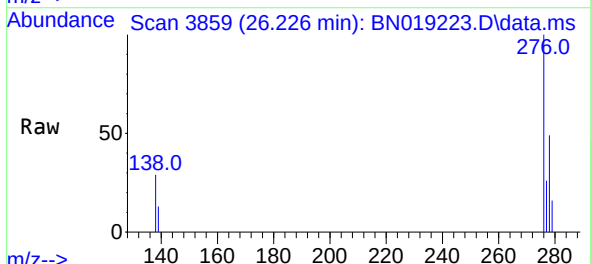
Manual Integrations  
APPROVED

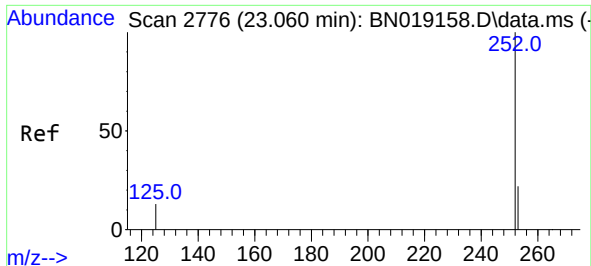
Reviewed By :Christian Giraldo 03/30/2022  
Supervised By :Jagrut Upadhyay 03/30/2022



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.511 ng  
RT: 26.226 min Scan# 3859  
Delta R.T. -0.006 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57

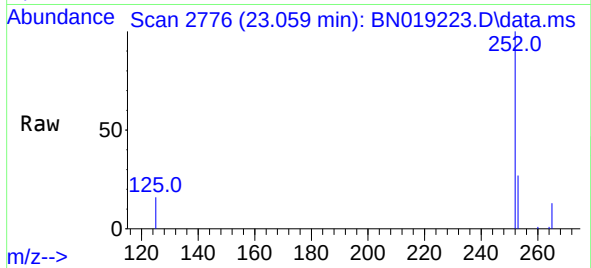
Tgt Ion:276 Resp: 11724  
Ion Ratio Lower Upper  
276 100  
138 25.4 24.5 36.7  
277 23.8 19.8 29.8





#37  
Benzo(b)fluoranthene  
Concen: 0.602 ng  
RT: 23.059 min Scan# 2776  
Delta R.T. -0.000 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57

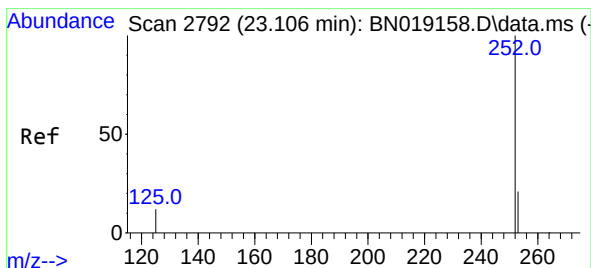
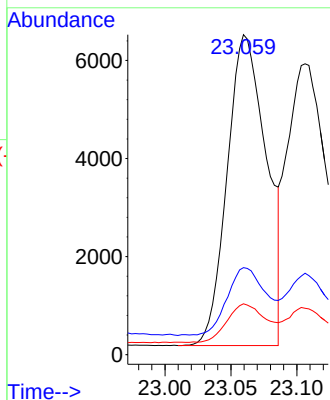
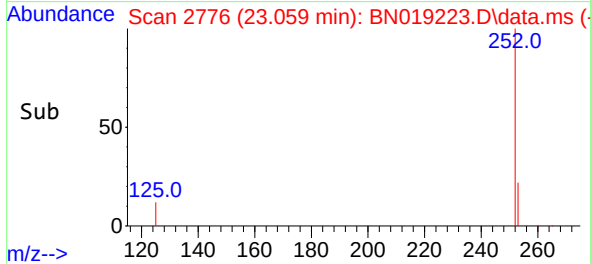
Instrument :  
BNA\_N  
ClientSampleId :  
SS2MS



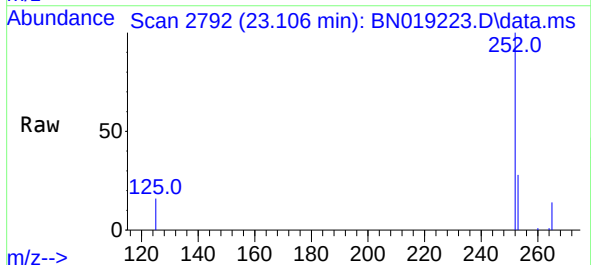
Tgt Ion:252 Resp: 13130  
Ion Ratio Lower Upper  
252 100  
253 27.2 18.9 28.3  
125 15.9 12.1 18.1

Manual Integrations  
APPROVED

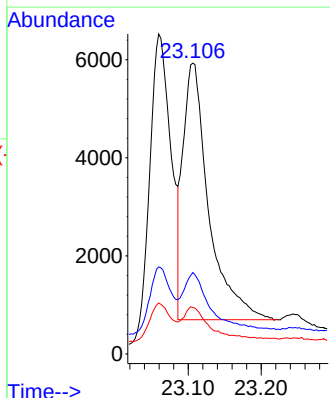
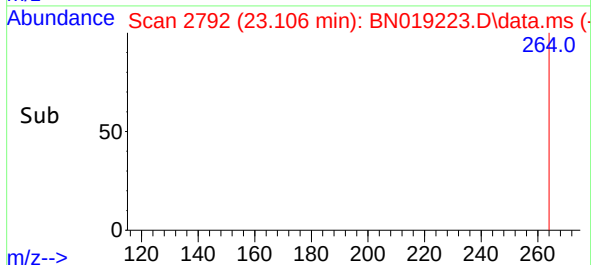
Reviewed By :Christian Giraldo 03/30/2022  
Supervised By :Jagrut Upadhyay 03/30/2022

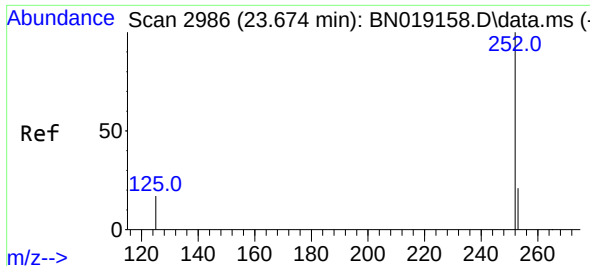


#38  
Benzo(k)fluoranthene  
Concen: 0.463 ng  
RT: 23.106 min Scan# 2792  
Delta R.T. -0.000 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57



Tgt Ion:252 Resp: 12820  
Ion Ratio Lower Upper  
252 100  
253 28.0 18.9 28.3  
125 16.0 10.3 15.5#





#39  
Benzo(a)pyrene  
Concen: 0.644 ng  
RT: 23.676 min Scan# 2986  
Delta R.T. 0.003 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57

Instrument :

BNA\_N

ClientSampleId :

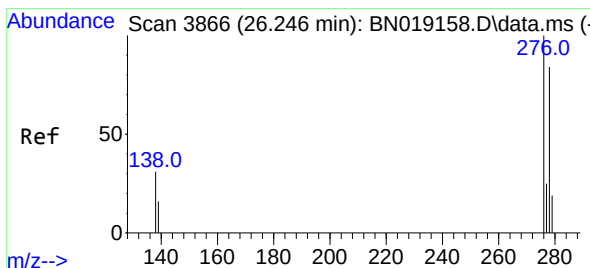
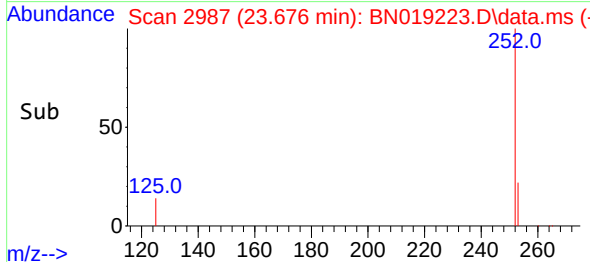
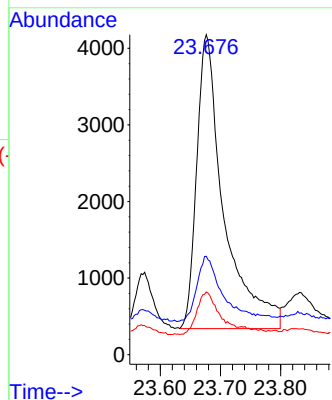
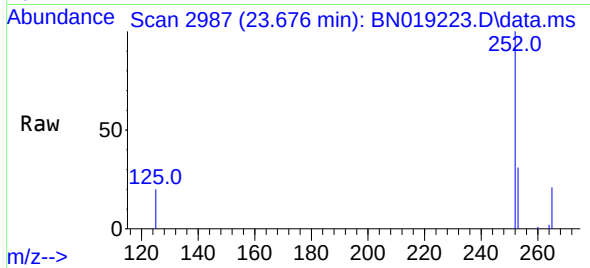
SS2MS

Tgt Ion:252 Resp: 12034  
Ion Ratio Lower Upper  
252 100  
253 30.8 20.1 30.1  
125 19.6 15.2 22.8

Manual Integrations

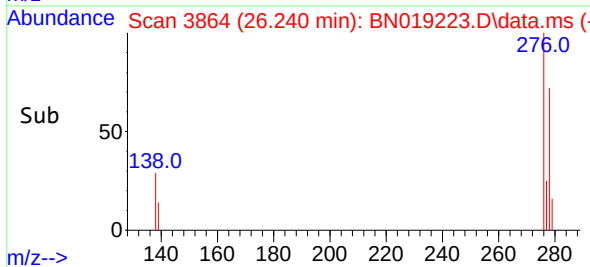
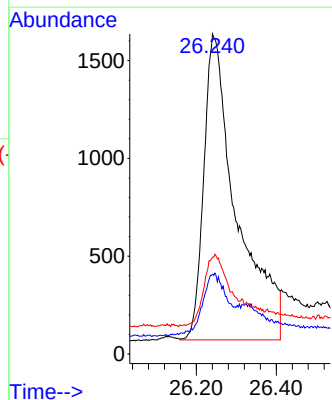
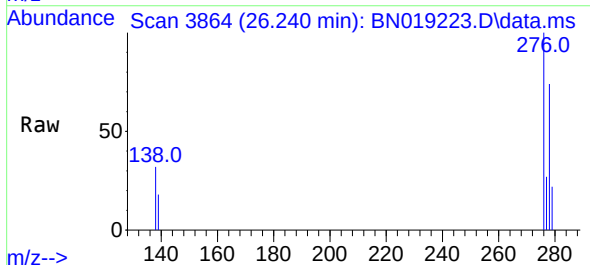
APPROVED

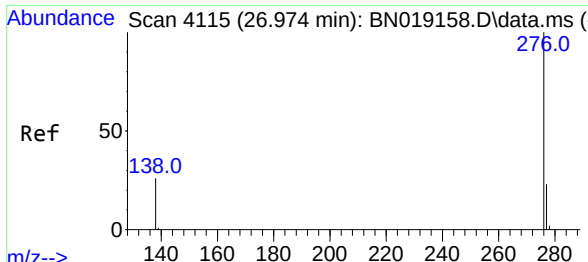
Reviewed By :Christian Giraldo 03/30/2022  
Supervised By :Jagrut Upadhyay 03/30/2022



#40  
Dibenzo(a,h)anthracene  
Concen: 0.516 ng m  
RT: 26.240 min Scan# 3864  
Delta R.T. -0.006 min  
Lab File: BN019223.D  
Acq: 29 Mar 2022 13:57

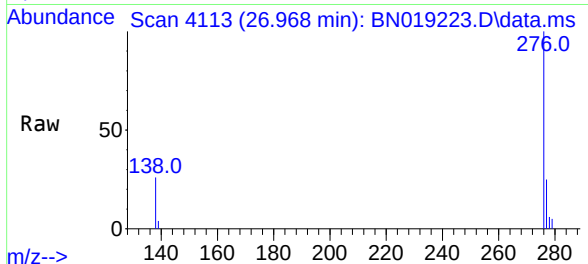
Tgt Ion:278 Resp: 8922  
Ion Ratio Lower Upper  
278 100  
139 24.9 17.2 25.8  
279 30.3 19.9 29.9





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.576 ng  
 RT: 26.968 min Scan# 41  
 Delta R.T. -0.006 min  
 Lab File: BN019223.D  
 Acq: 29 Mar 2022 13:57

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SS2MS



Tgt Ion: 276 Resp: 13614

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 25.5  | 19.4  | 29.0  |
| 138 | 26.5  | 21.0  | 31.6  |

Manual Integrations  
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Reviewed By : Christian Giraldo 03/30/2022  
 Supervised By : Jagrut Upadhyay 03/30/2022

