

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032422\  
 Data File : BN019154.D  
 Acq On : 25 Mar 2022 09:42  
 Operator : CG/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 03/29/2022  
 Supervised By : Jagrut Upadhyay 03/29/2022

Quant Time: Mar 25 15:42:16 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN031722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 17 13:18:23 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.854  | 152  | 4582     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.658 | 136  | 11914    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.484 | 164  | 6885     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.225 | 188  | 14031    | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.413 | 240  | 10080    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.782 | 264  | 8502     | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.406  | 112  | 3842     | 0.374 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.009  | 99   | 3811     | 0.354 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.003  | 82   | 2836     | 0.330 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.246 | 152  | 7145     | 0.362 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.974 | 330  | 891      | 0.268 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.116 | 172  | 11006    | 0.399 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.257 | 212  | 16102    | 0.387 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.855 | 244  | 9181     | 0.371 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.246  | 88   | 2230     | 0.394 | ng    | 92       |
| 3) n-Nitrosodimethylamine     | 3.579  | 42   | 2186     | 0.331 | ng    | # 96     |
| 6) bis(2-Chloroethyl)ether    | 7.269  | 93   | 5089     | 0.397 | ng    | 98       |
| 9) Naphthalene                | 10.701 | 128  | 13305    | 0.393 | ng    | 100      |
| 10) Hexachlorobutadiene       | 11.000 | 225  | 3133     | 0.378 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.318 | 142  | 8419     | 0.365 | ng    | 99       |
| 16) Acenaphthylene            | 14.206 | 152  | 11035    | 0.345 | ng    | 100      |
| 17) Acenaphthene              | 14.549 | 154  | 8551     | 0.381 | ng    | 99       |
| 18) Fluorene                  | 15.532 | 166  | 10622    | 0.376 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.628 | 198  | 505      | 0.301 | ng    | # 70     |
| 21) 4-Bromophenyl-phenylether | 16.425 | 248  | 3398     | 0.384 | ng    | 98       |
| 22) Hexachlorobenzene         | 16.548 | 284  | 4638     | 0.407 | ng    | 98       |
| 23) Atrazine                  | 16.682 | 200  | 1968     | 0.298 | ng    | 96       |
| 24) Pentachlorophenol         | 16.887 | 266  | 641      | 0.183 | ng    | 98       |
| 25) Phenanthrene              | 17.266 | 178  | 16905    | 0.385 | ng    | 100      |
| 26) Anthracene                | 17.359 | 178  | 12508    | 0.337 | ng    | 99       |
| 28) Fluoranthene              | 19.291 | 202  | 20194    | 0.392 | ng    | 99       |
| 30) Pyrene                    | 19.653 | 202  | 20246    | 0.403 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.395 | 228  | 11288    | 0.363 | ng    | 99       |
| 33) Chrysene                  | 21.449 | 228  | 16528    | 0.395 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.324 | 149  | 6546     | 0.318 | ng    | 100      |
| 36) Indeno(1,2,3-cd)pyrene    | 26.234 | 276  | 14261m   | 0.465 | ng    |          |
| 37) Benzo(b)fluoranthene      | 23.062 | 252  | 11912m   | 0.384 | ng    |          |
| 38) Benzo(k)fluoranthene      | 23.109 | 252  | 16757m   | 0.394 | ng    |          |
| 39) Benzo(a)pyrene            | 23.682 | 252  | 11208    | 0.397 | ng    | # 79     |
| 40) Dibenzo(a,h)anthracene    | 26.258 | 278  | 10047m   | 0.420 | ng    |          |
| 41) Benzo(g,h,i)perylene      | 26.983 | 276  | 11992    | 0.398 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

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

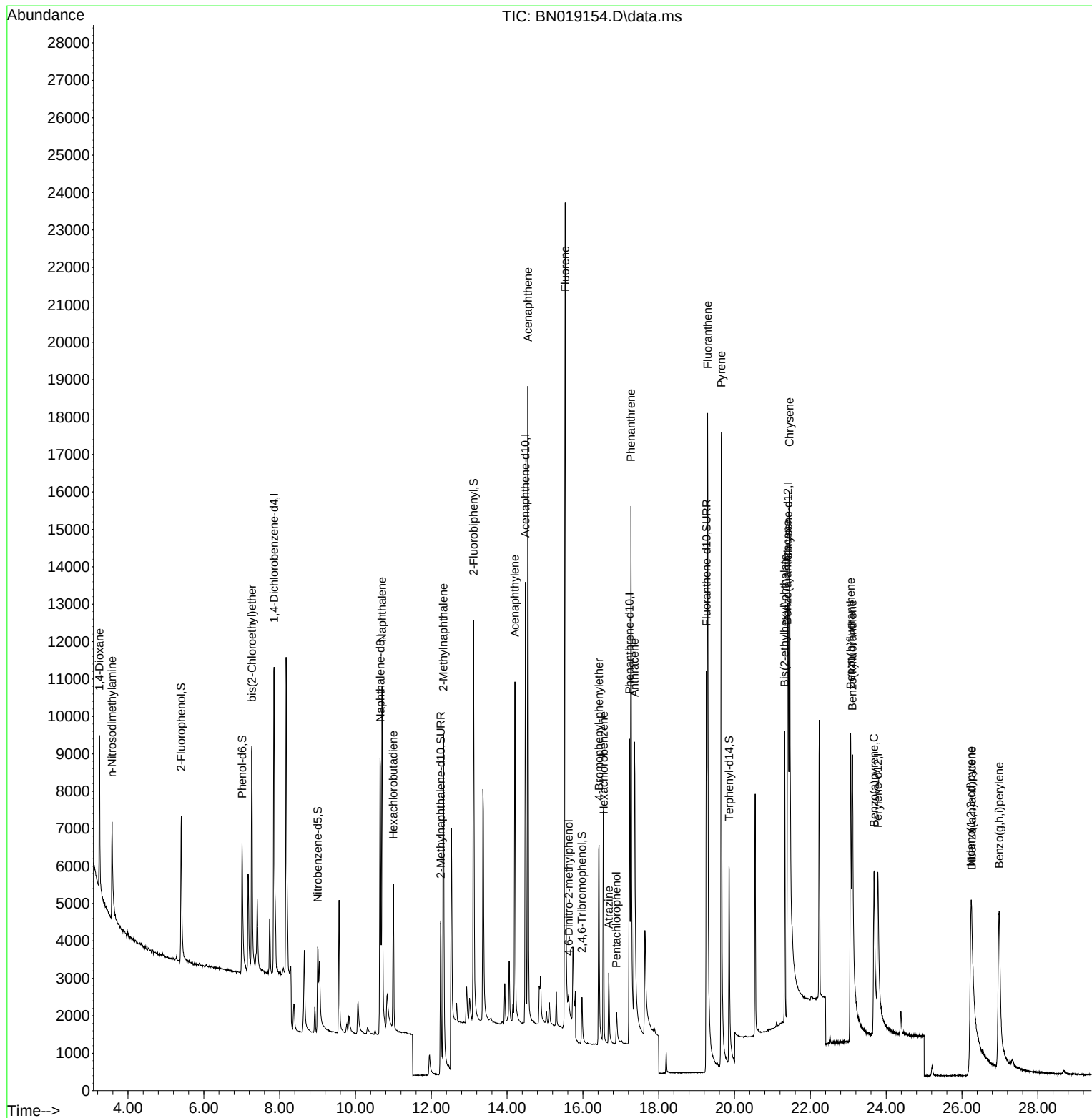
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032422\  
Data File : BN019154.D  
Acq On : 25 Mar 2022 09:42  
Operator : CG/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

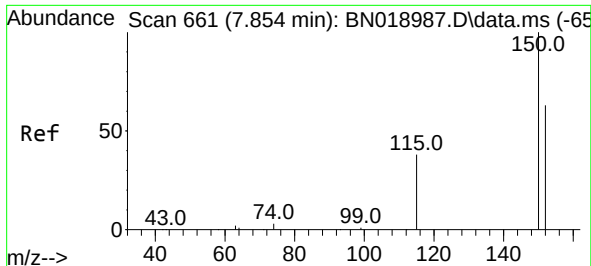
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Quant Time: Mar 25 15:42:16 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN031722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 17 13:18:23 2022  
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Supervised By :Jagrut Upadhyay 03/29/2022





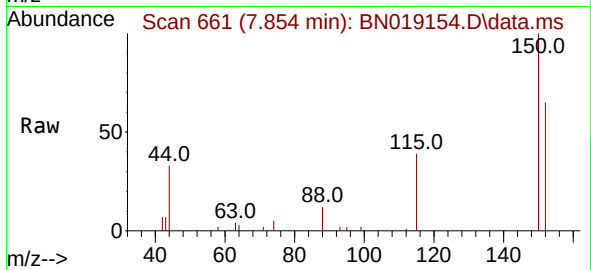
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1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.854 min Scan# 661  
Delta R.T. 0.000 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

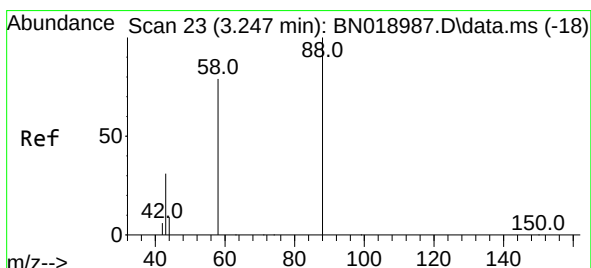
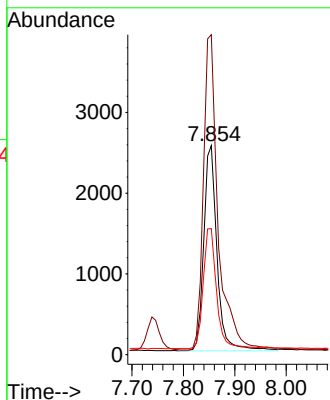
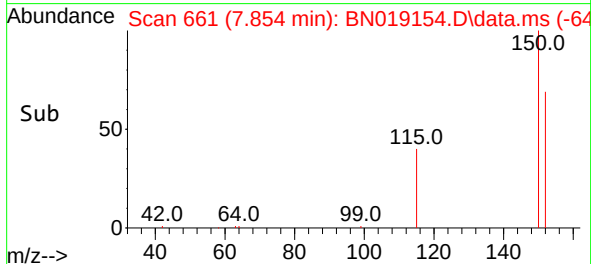


Tgt Ion: 152 Resp: 458  
Ion Ratio Lower Upper  
152 100  
150 153.1 123.9 185.9  
115 60.3 48.2 72.4

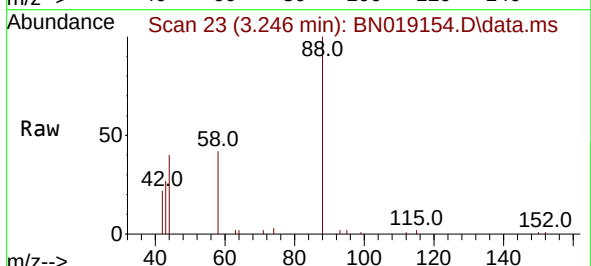
Manual Integrations

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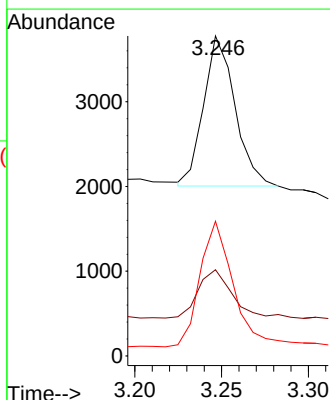
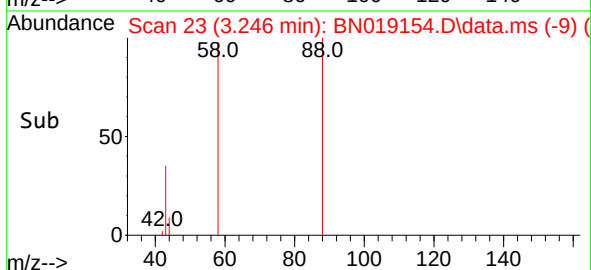
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022

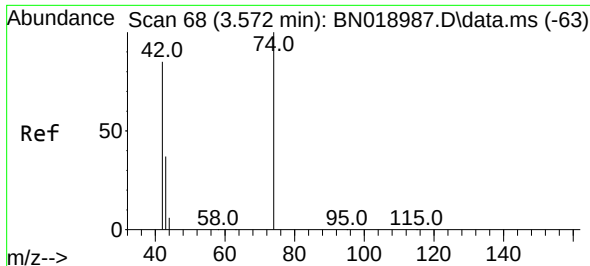


#2  
1,4-Dioxane  
Concen: 0.394 ng  
RT: 3.246 min Scan# 23  
Delta R.T. -0.000 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42



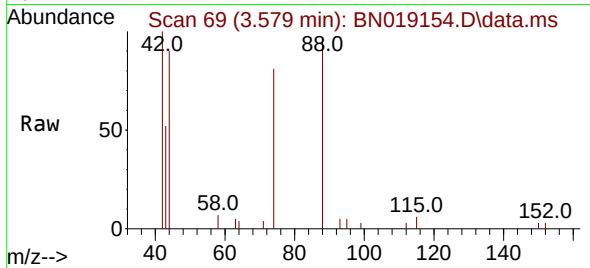
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Ion Ratio Lower Upper  
88 100  
43 34.1 24.6 37.0  
58 89.3 65.4 98.2





#3  
n-Nitrosodimethylamine  
Concen: 0.331 ng  
RT: 3.579 min Scan# 68  
Delta R.T. 0.007 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

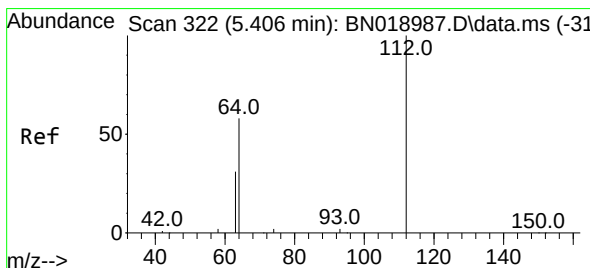
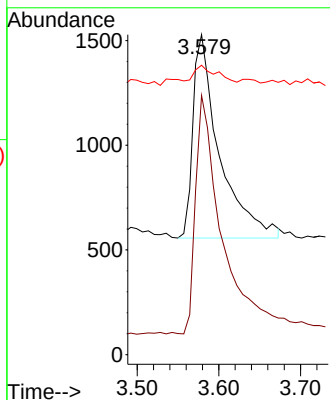
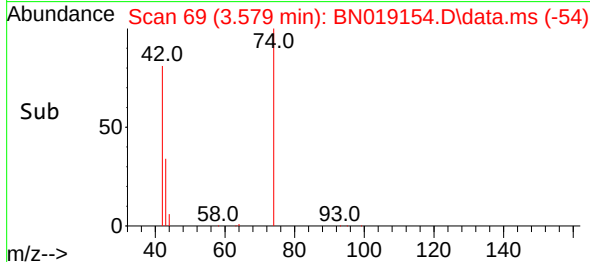
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion: 42 Resp: 2180  
Ion Ratio Lower Upper  
42 100  
74 117.0 96.9 145.3  
44 7.2 7.3 10.9

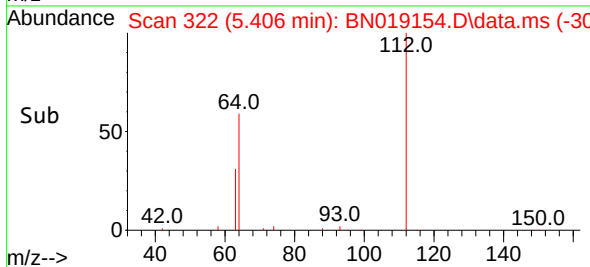
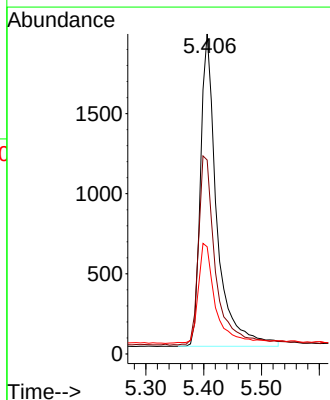
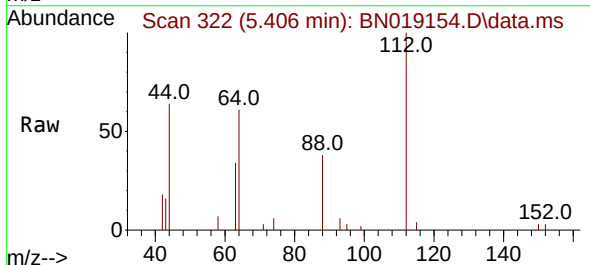
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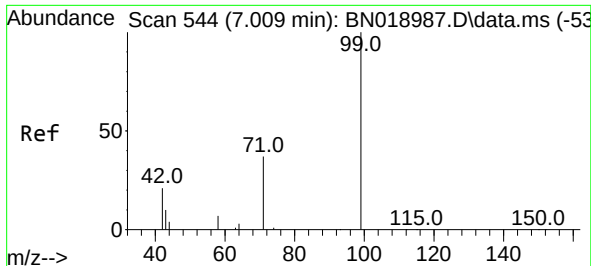
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022



#4  
2-Fluorophenol  
Concen: 0.374 ng  
RT: 5.406 min Scan# 322  
Delta R.T. -0.000 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

Tgt Ion:112 Resp: 3842  
Ion Ratio Lower Upper  
112 100  
64 63.9 47.8 71.8  
63 33.6 25.7 38.5





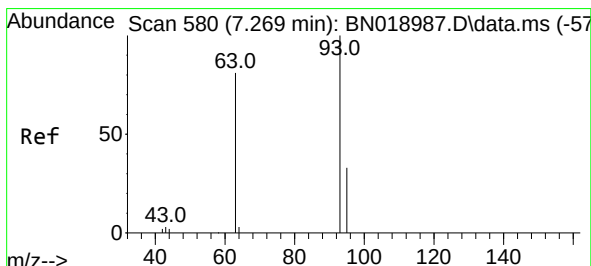
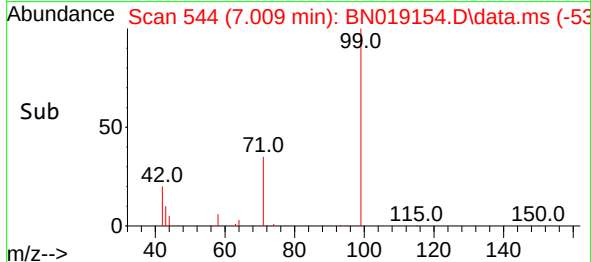
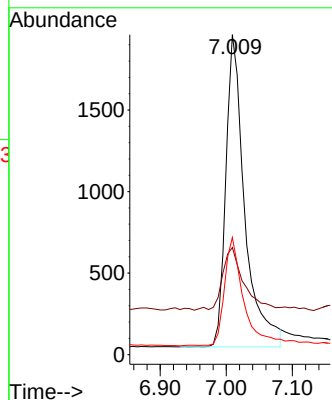
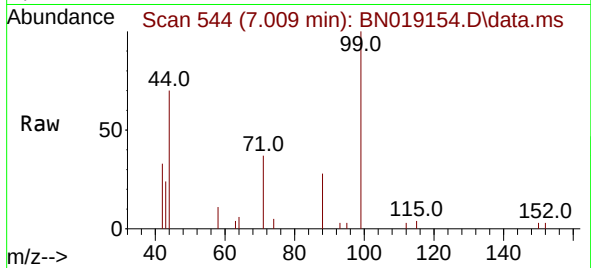
#5  
Phenol-d6  
Concen: 0.354 ng  
RT: 7.009 min Scan# 544  
Delta R.T. -0.000 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 381  
Ion Ratio Lower Upper  
99 100  
42 22.3 16.2 24.4  
71 33.8 27.7 41.5

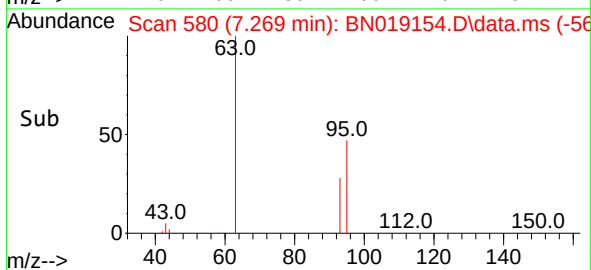
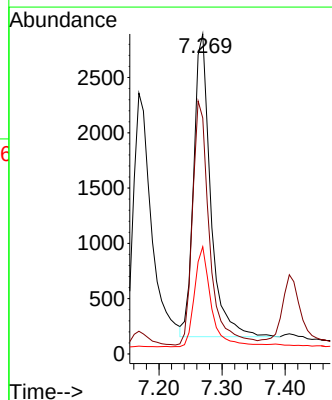
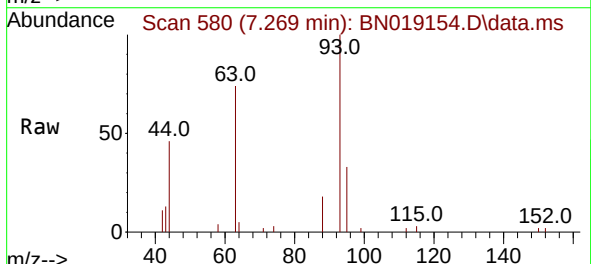
Manual Integrations  
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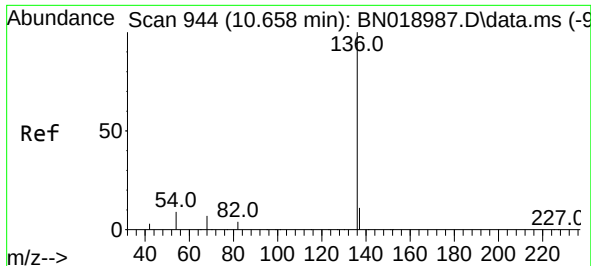
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022



#6  
bis(2-Chloroethyl)ether  
Concen: 0.397 ng  
RT: 7.269 min Scan# 580  
Delta R.T. -0.000 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

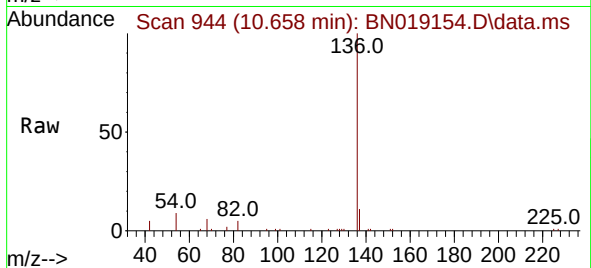
Tgt Ion: 93 Resp: 5089  
Ion Ratio Lower Upper  
93 100  
63 81.0 62.8 94.2  
95 32.8 26.2 39.4





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.658 min Scan# 944  
Delta R.T. -0.000 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

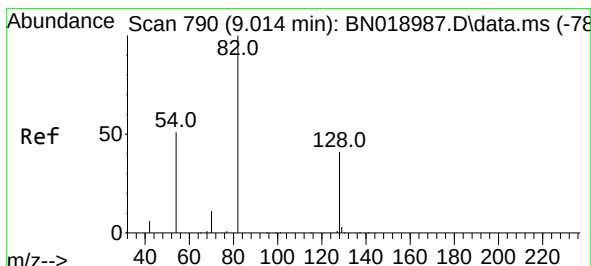
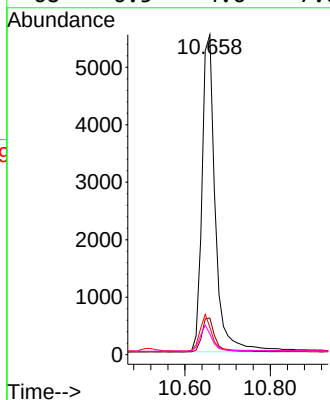
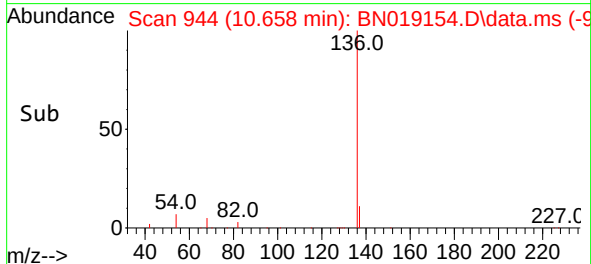
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:136 Resp: 11914  
Ion Ratio Lower Upper  
136 100  
137 11.5 9.0 13.4  
54 8.5 5.8 8.6  
68 6.5 4.6 7.0

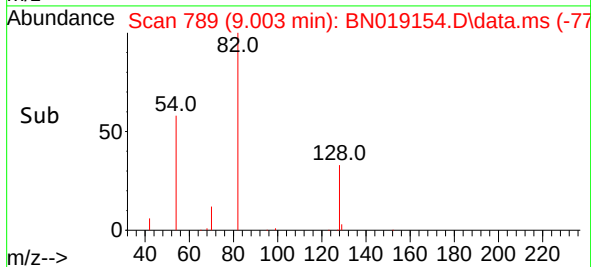
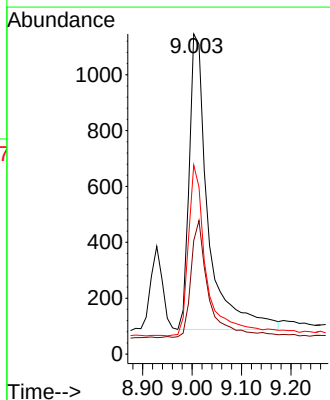
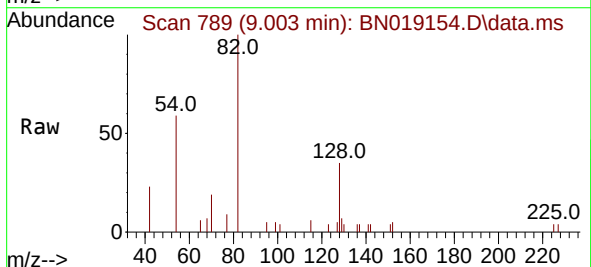
Manual Integrations  
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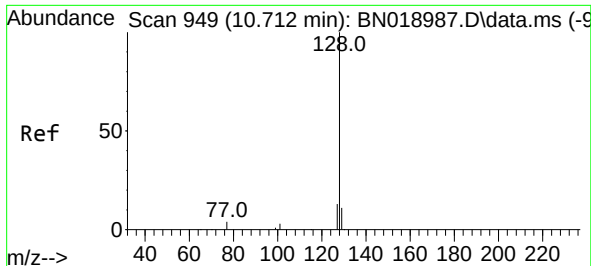
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022



#8  
Nitrobenzene-d5  
Concen: 0.330 ng  
RT: 9.003 min Scan# 789  
Delta R.T. -0.011 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

Tgt Ion: 82 Resp: 2836  
Ion Ratio Lower Upper  
82 100  
128 35.4 33.0 49.6  
54 59.1 42.5 63.7





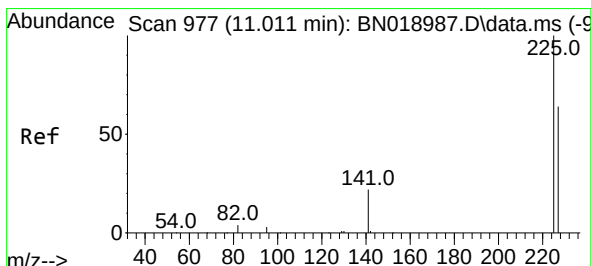
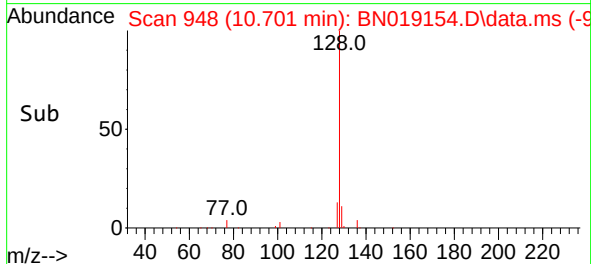
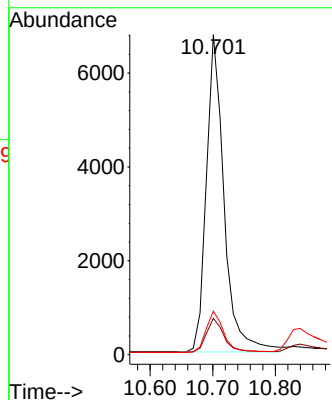
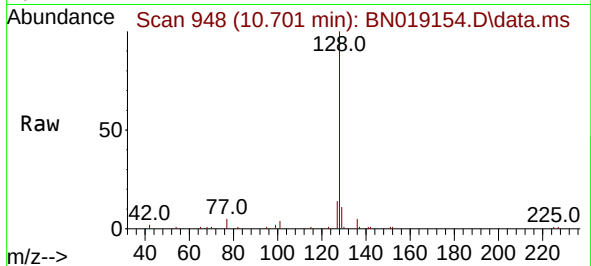
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Naphthalene  
Concen: 0.393 ng  
RT: 10.701 min Scan# 949  
Delta R.T. -0.011 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:128 Resp: 1330  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.0 13.4  
127 13.6 10.7 16.1

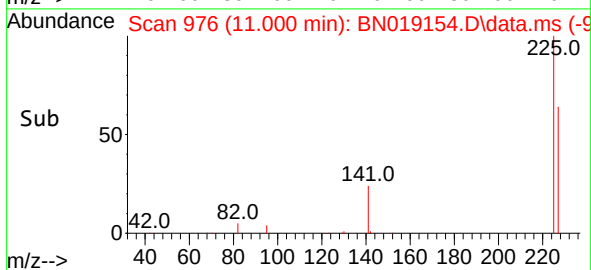
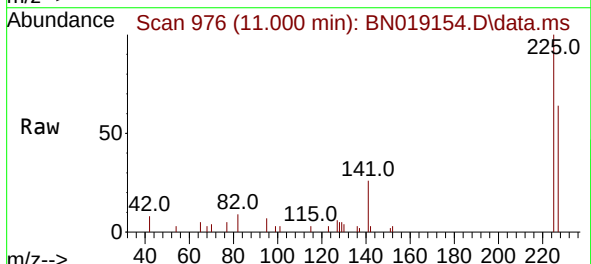
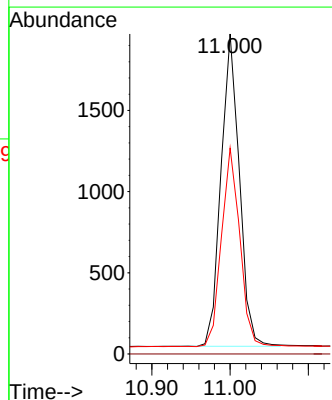
Manual Integrations  
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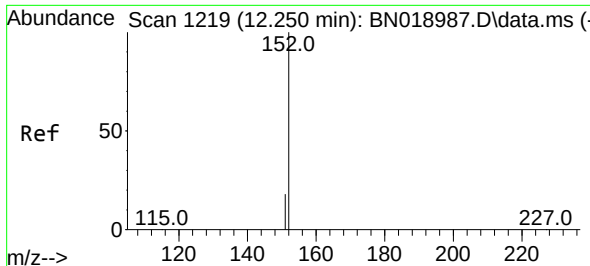
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022



#10  
Hexachlorobutadiene  
Concen: 0.378 ng  
RT: 11.000 min Scan# 976  
Delta R.T. -0.011 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

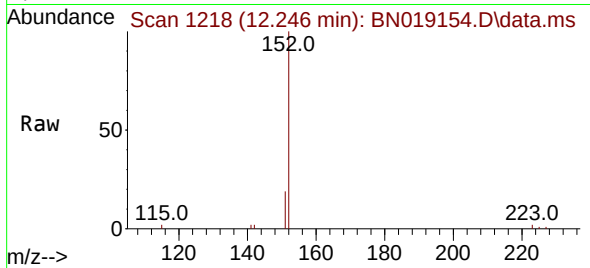
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Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.4 51.0 76.6





#11  
2-Methylnaphthalene-d10  
Concen: 0.362 ng  
RT: 12.246 min Scan# 1218  
Delta R.T. -0.004 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

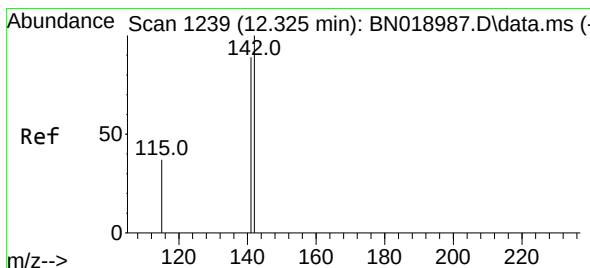
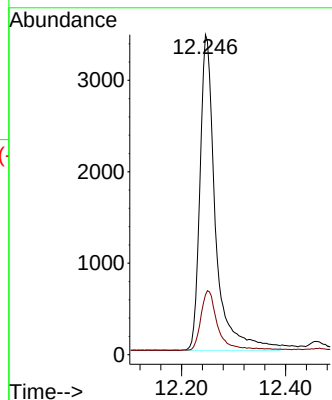
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:152 Resp: 7145  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.5 24.7

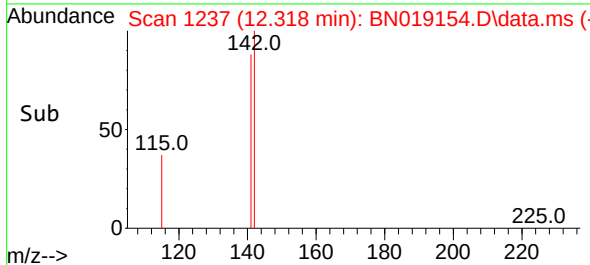
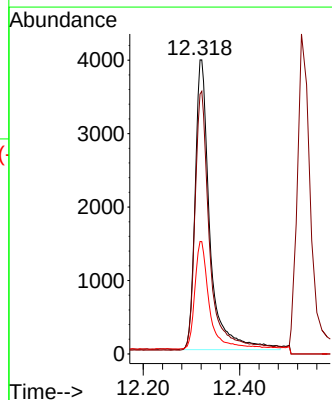
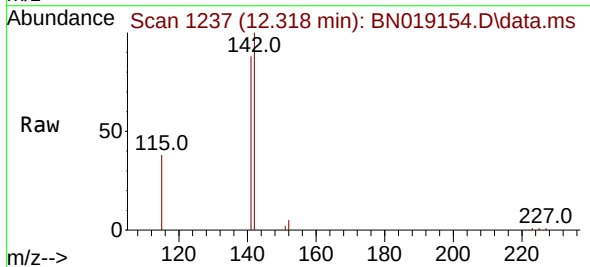
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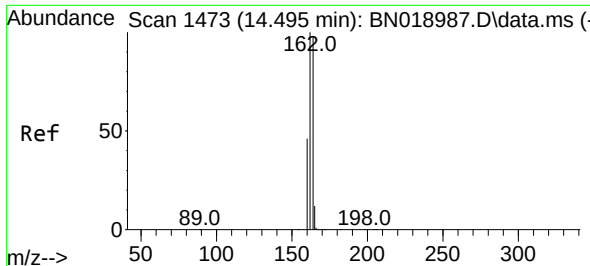


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2-Methylnaphthalene  
Concen: 0.365 ng  
RT: 12.318 min Scan# 1237  
Delta R.T. -0.008 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

Tgt Ion:142 Resp: 8419  
Ion Ratio Lower Upper  
142 100  
141 88.3 70.0 105.0  
115 38.3 29.8 44.8

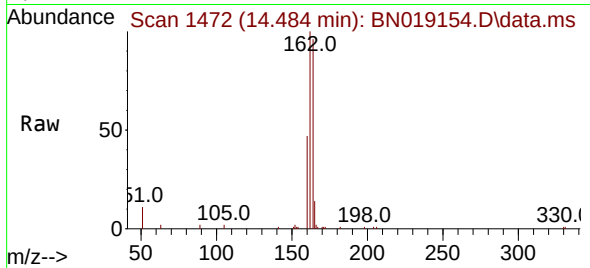






#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.484 min Scan# 1473  
Delta R.T. -0.011 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

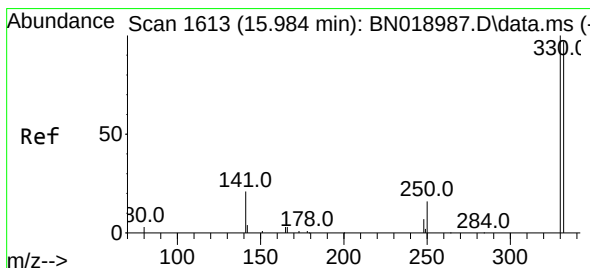
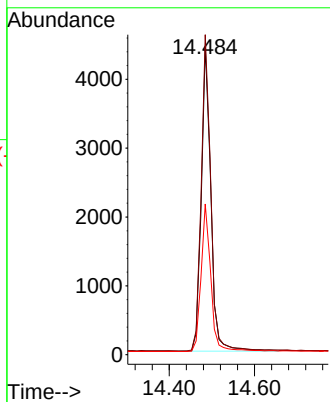
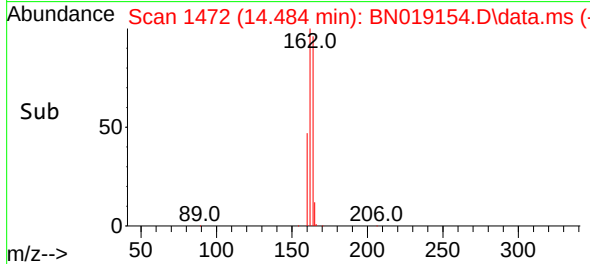
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



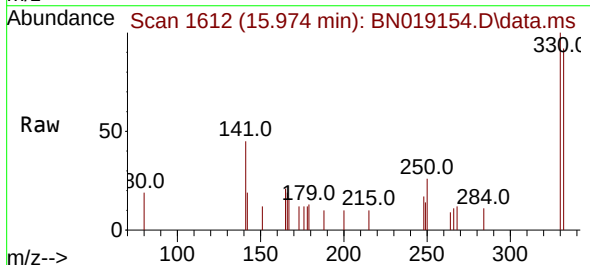
Tgt Ion:164 Resp: 688  
Ion Ratio Lower Upper  
164 100  
162 103.8 85.2 127.8  
160 48.9 41.5 62.3

Manual Integrations  
APPROVED

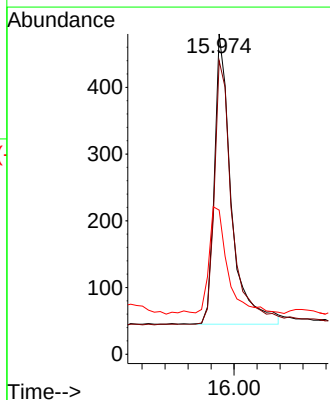
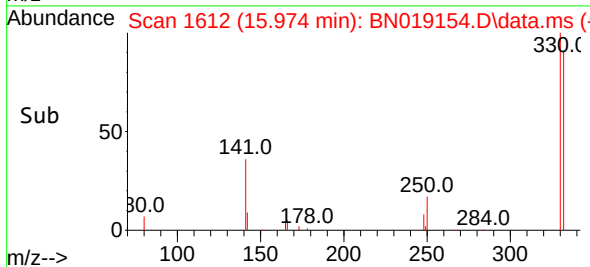
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022

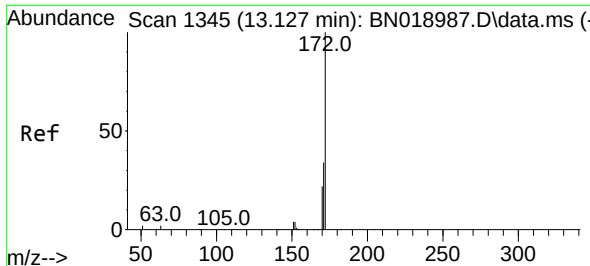


#14  
2,4,6-Tribromophenol  
Concen: 0.268 ng  
RT: 15.974 min Scan# 1612  
Delta R.T. -0.010 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42



Tgt Ion:330 Resp: 891  
Ion Ratio Lower Upper  
330 100  
332 94.9 76.8 115.2  
141 39.1 32.2 48.2





#15  
2-Fluorobiphenyl  
Concen: 0.399 ng  
RT: 13.116 min Scan# 1344  
Delta R.T. -0.011 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

Instrument :

BNA\_N

ClientSampleId :

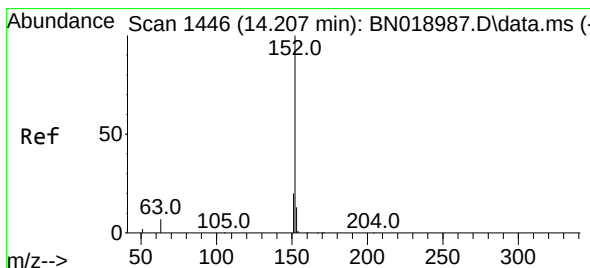
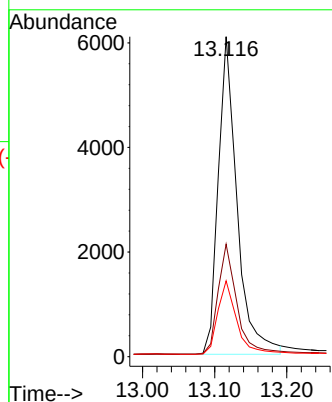
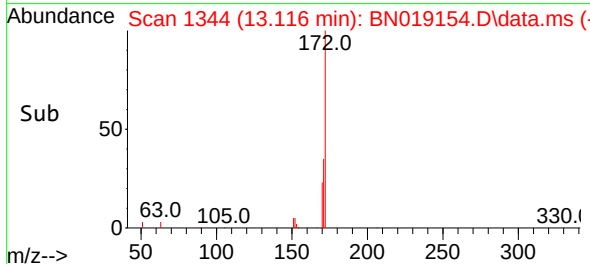
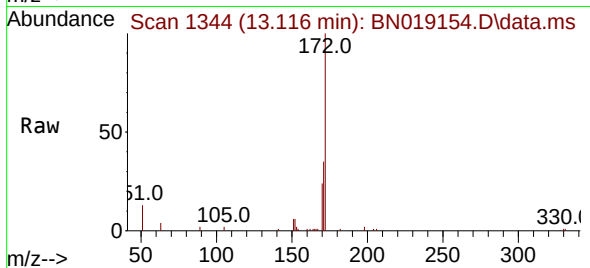
SSTDCCC0.4EC

Tgt Ion:172 Resp: 11000  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.2 42.2  
170 23.7 18.7 28.1

Manual Integrations

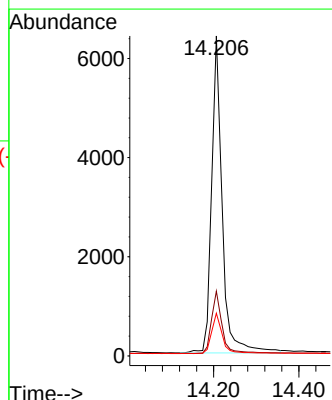
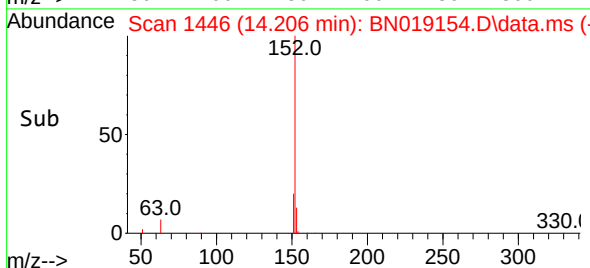
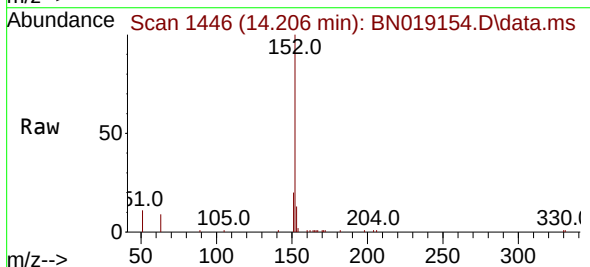
APPROVED

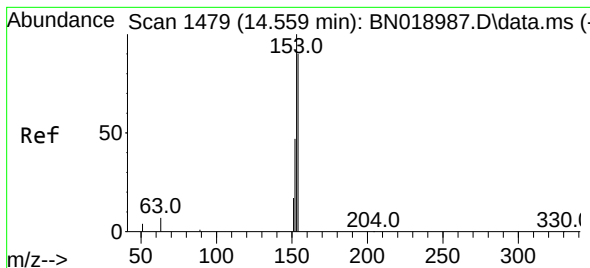
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022



#16  
Acenaphthylene  
Concen: 0.345 ng  
RT: 14.206 min Scan# 1446  
Delta R.T. -0.000 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

Tgt Ion:152 Resp: 11035  
Ion Ratio Lower Upper  
152 100  
151 19.8 15.9 23.9  
153 12.9 10.6 15.8





#17

Acenaphthene

Concen: 0.381 ng

RT: 14.549 min Scan# 1478

Delta R.T. -0.011 min

Lab File: BN019154.D

Acq: 25 Mar 2022 09:42

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

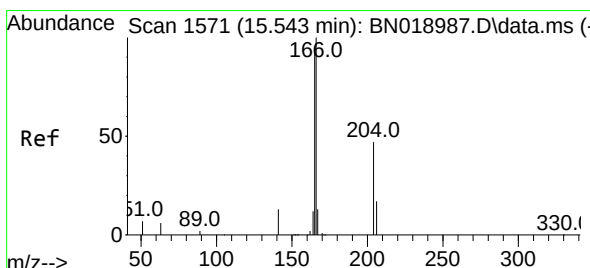
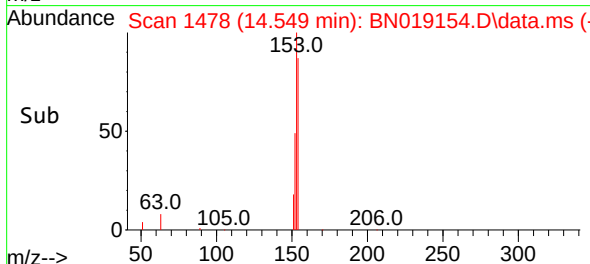
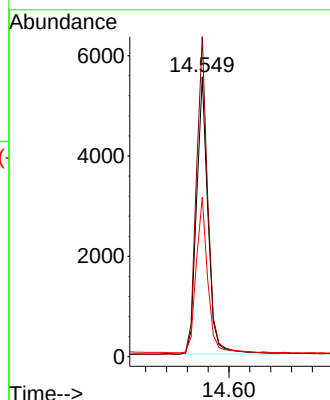
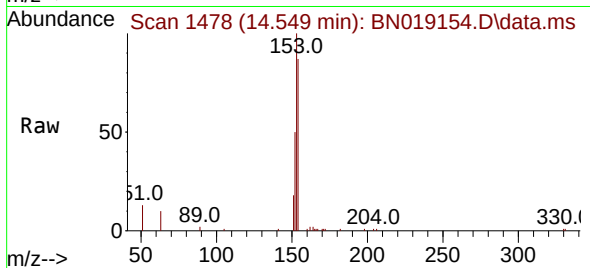
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 154   | Resp: | 855   |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 114.3 | 89.7  | 134.5 |
| 152       | 56.1  | 44.7  | 67.1  |

Manual Integrations

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Reviewed By :Christian Giraldo 03/29/2022

Supervised By :Jagrut Upadhyay 03/29/2022



#18

Fluorene

Concen: 0.376 ng

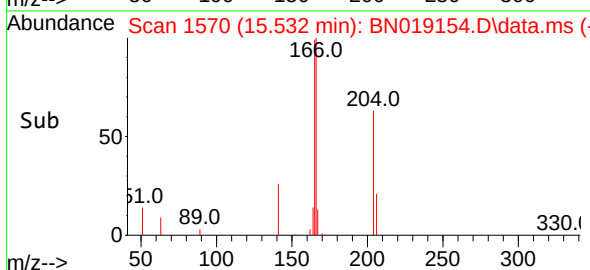
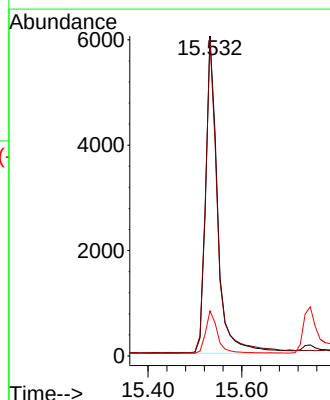
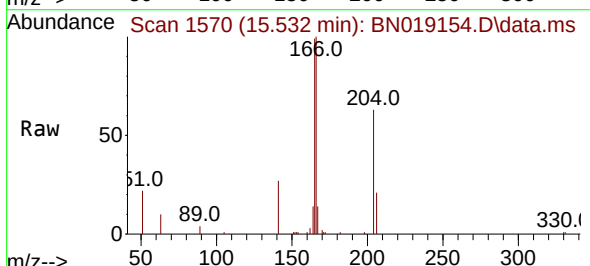
RT: 15.532 min Scan# 1570

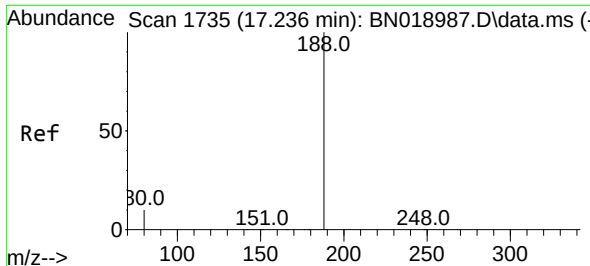
Delta R.T. -0.011 min

Lab File: BN019154.D

Acq: 25 Mar 2022 09:42

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 166   | Resp: | 10622 |
| Ion Ratio | Lower | Upper |       |
| 166       | 100   |       |       |
| 165       | 99.0  | 79.2  | 118.8 |
| 167       | 13.7  | 10.7  | 16.1  |





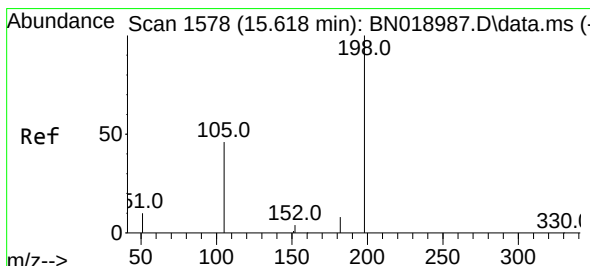
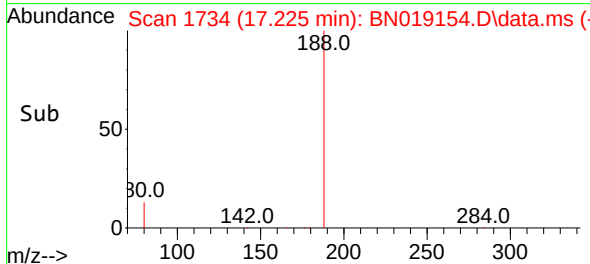
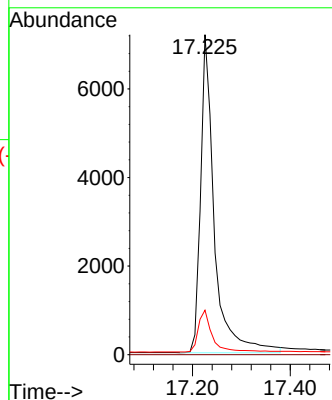
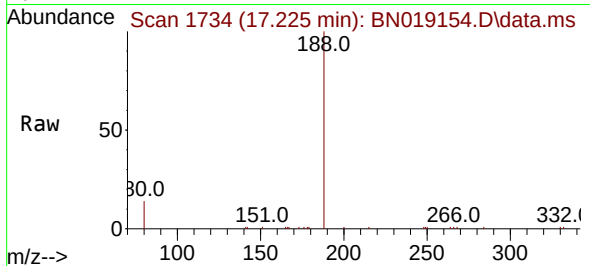
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.225 min Scan# 1735  
Delta R.T. -0.011 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:188 Resp: 1403  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 13.9 11.8 17.8

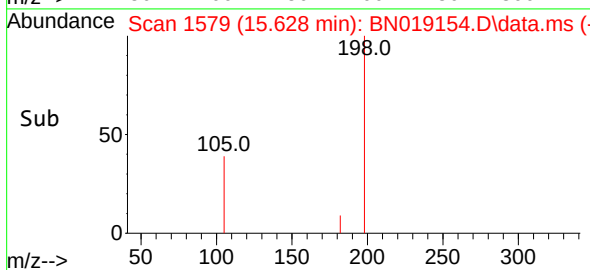
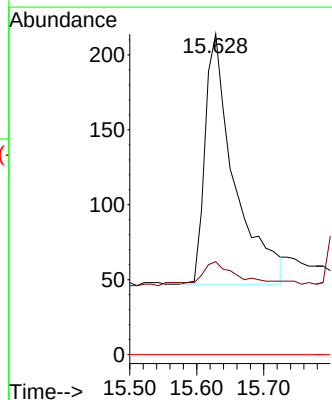
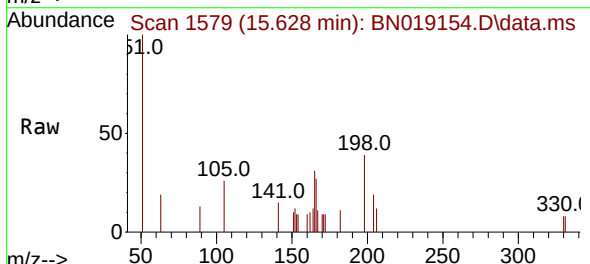
Manual Integrations  
APPROVED

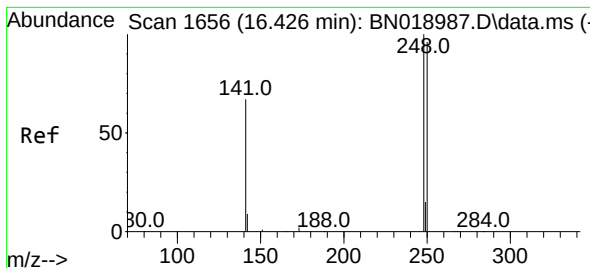
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.301 ng  
RT: 15.628 min Scan# 1579  
Delta R.T. 0.010 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

Tgt Ion:198 Resp: 505  
Ion Ratio Lower Upper  
198 100  
182 29.0 13.0 19.4#  
77 0.0 0.0 0.0





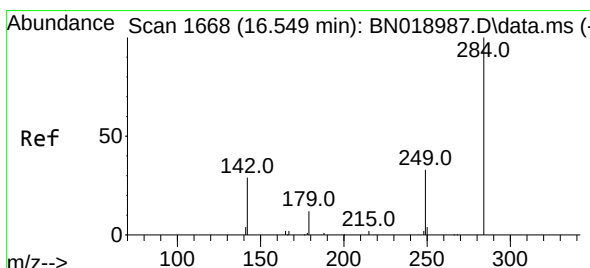
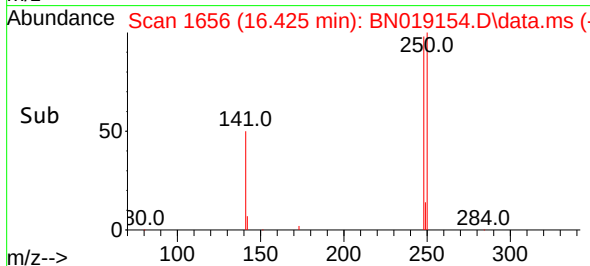
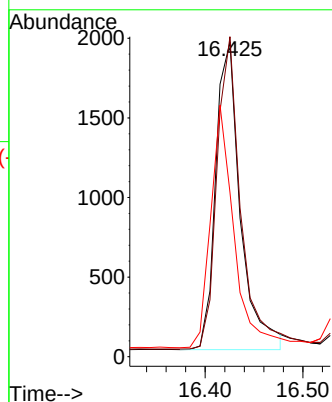
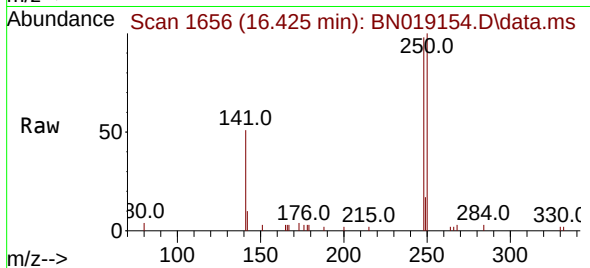
#21  
4-Bromophenyl-phenylether  
Concen: 0.384 ng  
RT: 16.425 min Scan# 1656  
Delta R.T. -0.000 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:248 Resp: 3398  
Ion Ratio Lower Upper  
248 100  
250 101.7 80.7 121.1  
141 52.2 39.6 59.4

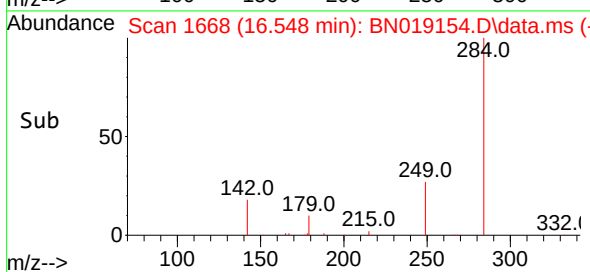
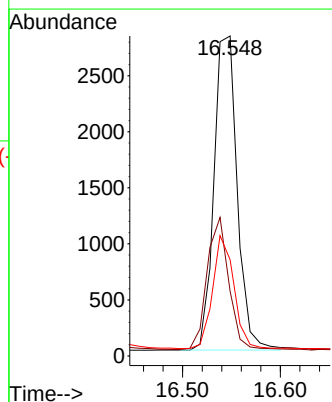
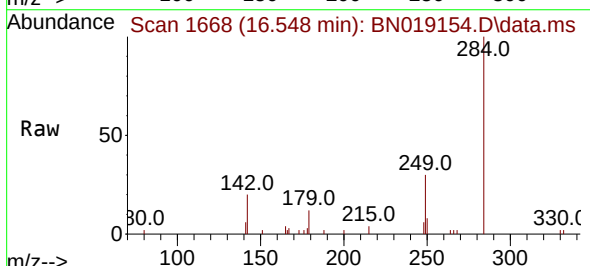
Manual Integrations  
APPROVED

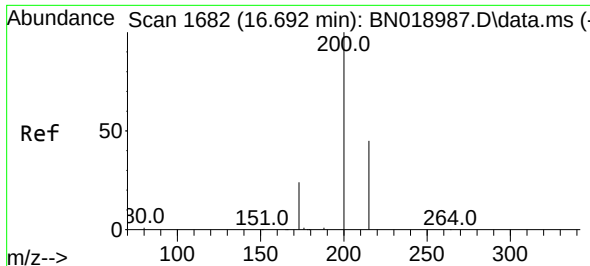
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022



#22  
Hexachlorobenzene  
Concen: 0.407 ng  
RT: 16.548 min Scan# 1668  
Delta R.T. -0.000 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

Tgt Ion:284 Resp: 4638  
Ion Ratio Lower Upper  
284 100  
142 39.1 29.8 44.8  
249 32.7 26.2 39.2





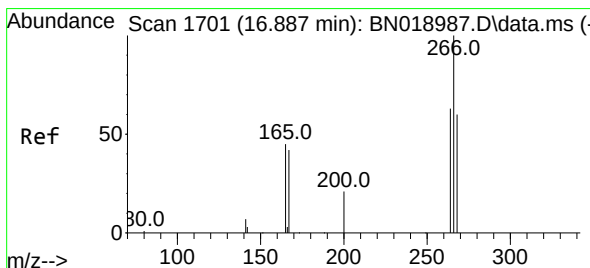
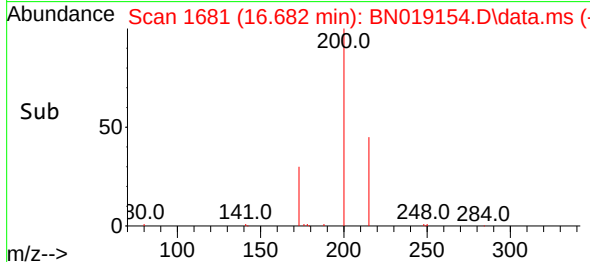
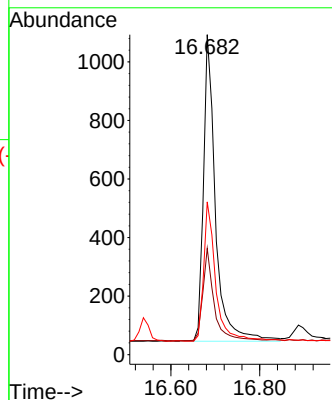
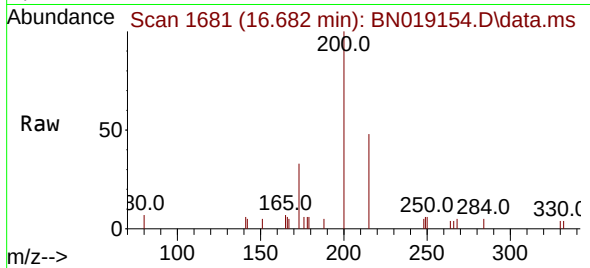
#23  
Atrazine  
Concen: 0.298 ng  
RT: 16.682 min Scan# 1682  
Delta R.T. -0.010 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:200 Resp: 1968  
Ion Ratio Lower Upper  
200 100  
173 33.2 23.9 35.9  
215 47.8 36.6 54.8

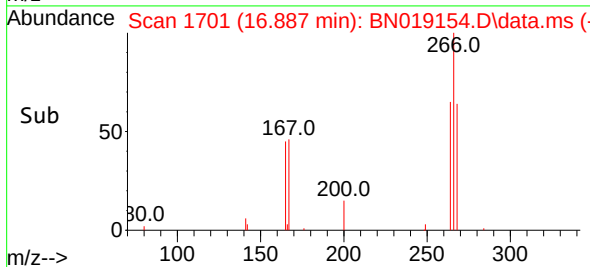
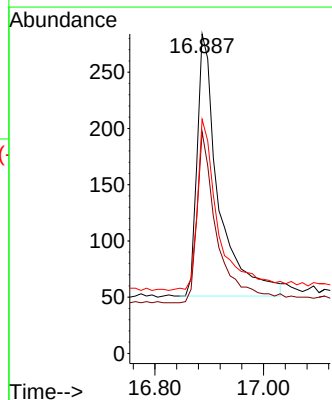
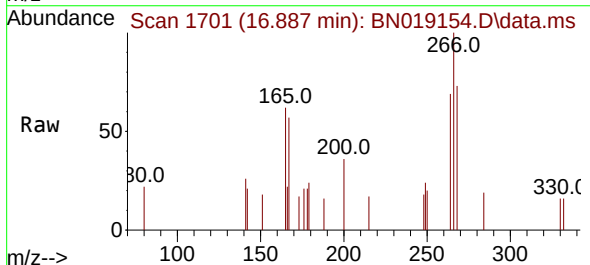
Manual Integrations  
APPROVED

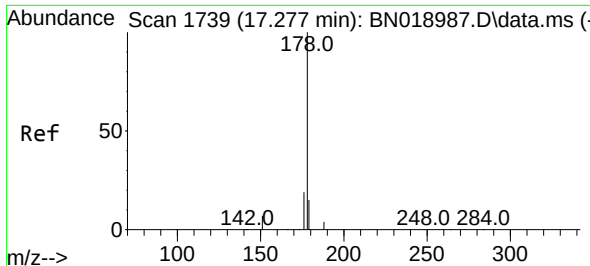
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022



#24  
Pentachlorophenol  
Concen: 0.183 ng  
RT: 16.887 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

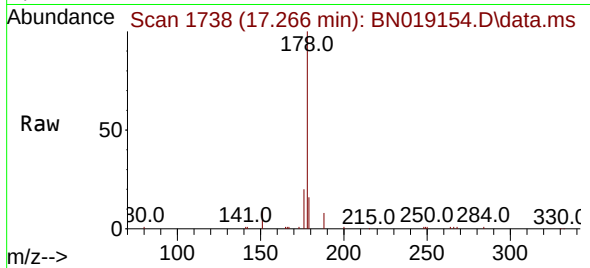
Tgt Ion:266 Resp: 641  
Ion Ratio Lower Upper  
266 100  
264 61.3 50.2 75.4  
268 63.5 51.9 77.9





#25  
Phenanthrene  
Concen: 0.385 ng  
RT: 17.266 min Scan# 1738  
Delta R.T. -0.010 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

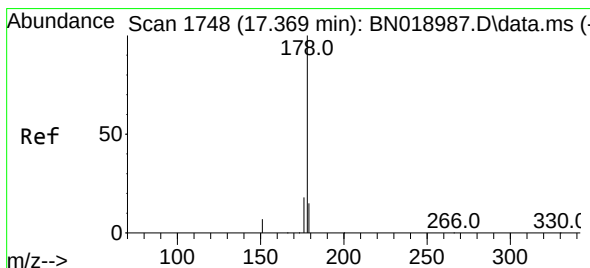
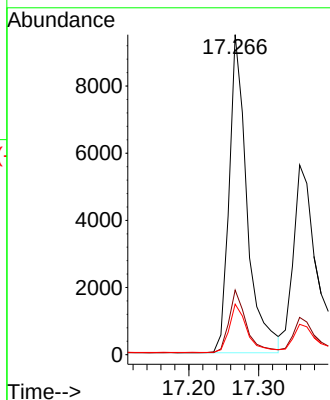
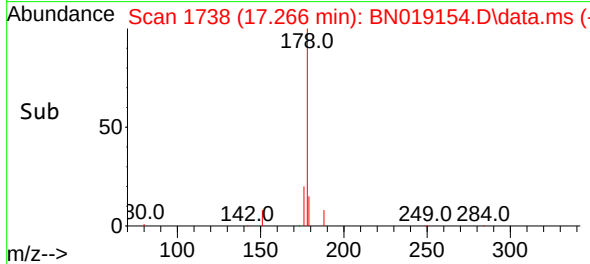
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



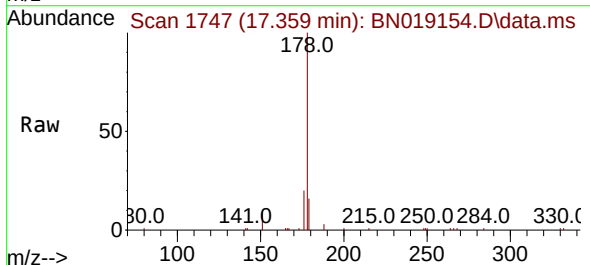
Tgt Ion:178 Resp: 16908  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.4 23.0  
179 15.2 12.2 18.2

Manual Integrations  
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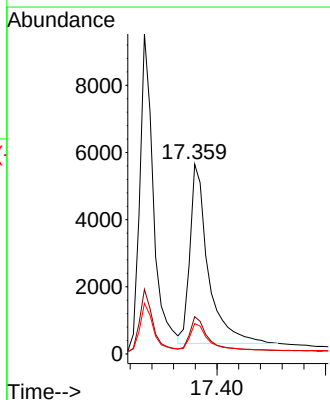
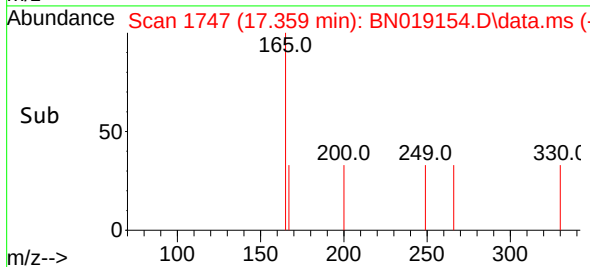
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022

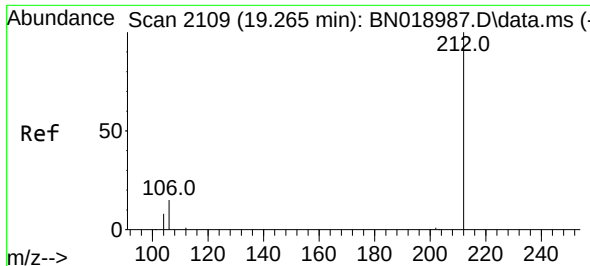


#26  
Anthracene  
Concen: 0.337 ng  
RT: 17.359 min Scan# 1747  
Delta R.T. -0.010 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42



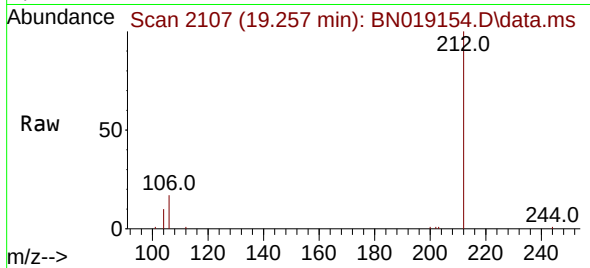
Tgt Ion:178 Resp: 12508  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.8 22.2  
179 15.0 12.2 18.4





#27  
Fluoranthene-d10  
Concen: 0.387 ng  
RT: 19.257 min Scan# 2107  
Delta R.T. -0.009 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

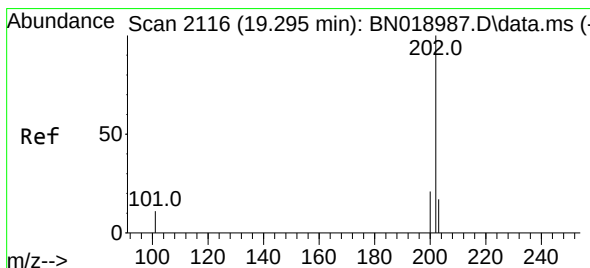
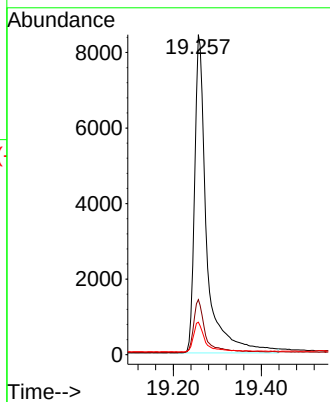
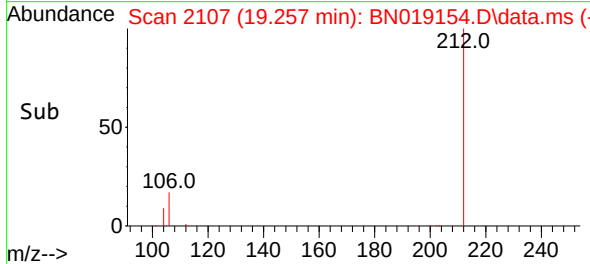
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:212 Resp: 1610  
Ion Ratio Lower Upper  
212 100  
106 15.9 12.7 19.1  
104 8.7 7.1 10.7

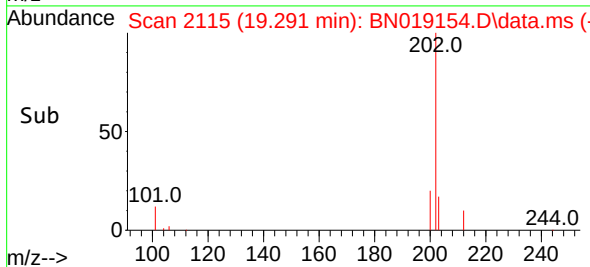
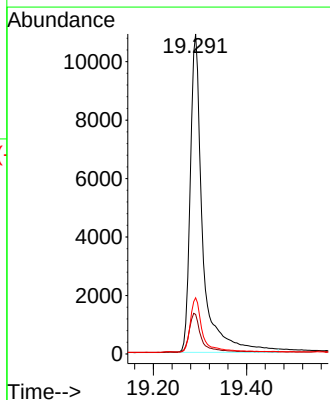
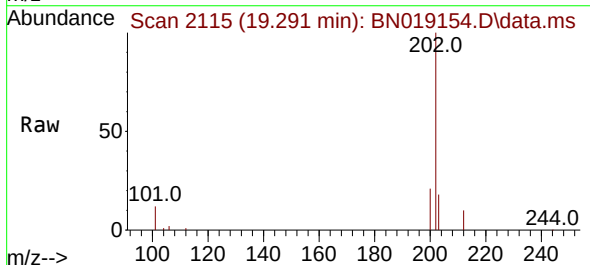
Manual Integrations  
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Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022

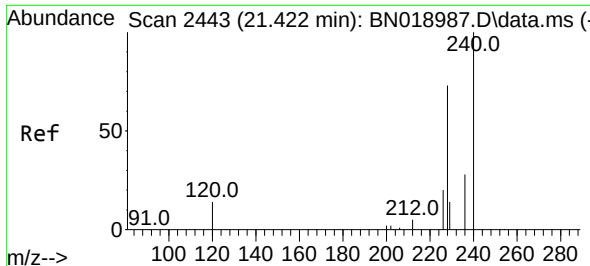


#28  
Fluoranthene  
Concen: 0.392 ng  
RT: 19.291 min Scan# 2115  
Delta R.T. -0.004 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

Tgt Ion:202 Resp: 20194  
Ion Ratio Lower Upper  
202 100  
101 11.9 9.8 14.6  
203 16.4 13.7 20.5







#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.413 min Scan# 2443

Delta R.T. -0.009 min

Lab File: BN019154.D

Acq: 25 Mar 2022 09:42

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:240 Resp: 10080

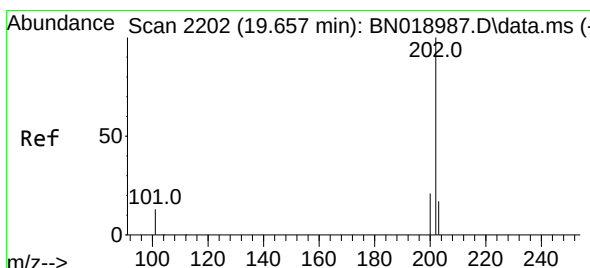
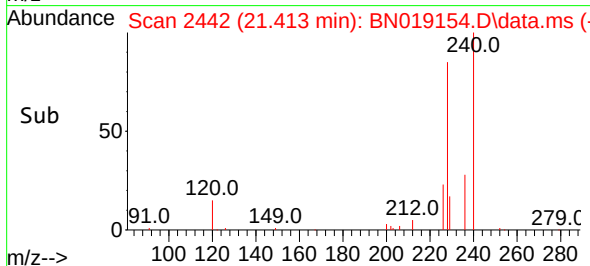
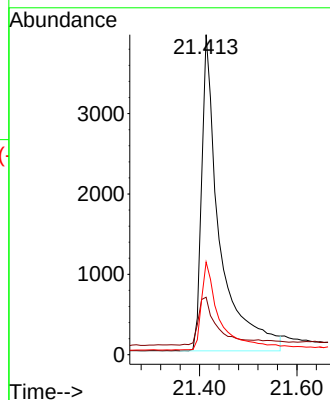
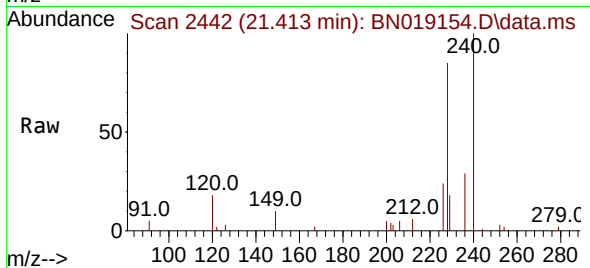
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 18.0  | 8.5   | 12.7  |
| 236 | 29.0  | 22.4  | 33.6  |

Manual Integrations

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Reviewed By :Christian Giraldo 03/29/2022

Supervised By :Jagrut Upadhyay 03/29/2022



#30

Pyrene

Concen: 0.403 ng

RT: 19.653 min Scan# 2201

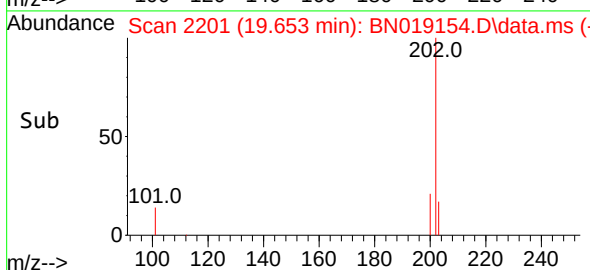
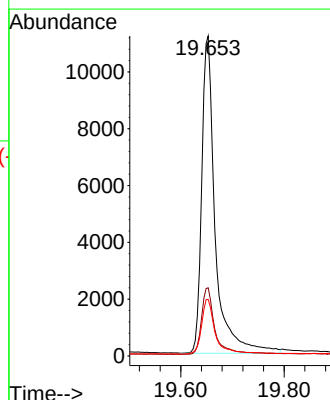
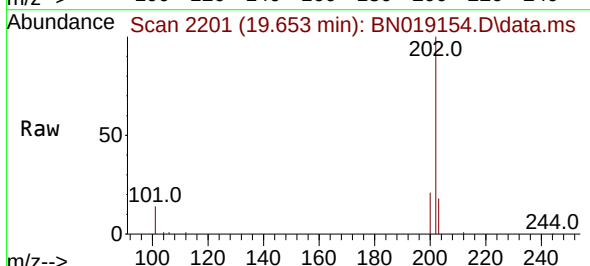
Delta R.T. -0.004 min

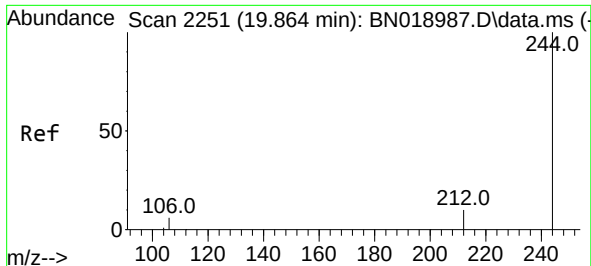
Lab File: BN019154.D

Acq: 25 Mar 2022 09:42

Tgt Ion:202 Resp: 20246

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 20.6  | 16.9  | 25.3  |
| 203 | 17.5  | 14.2  | 21.2  |





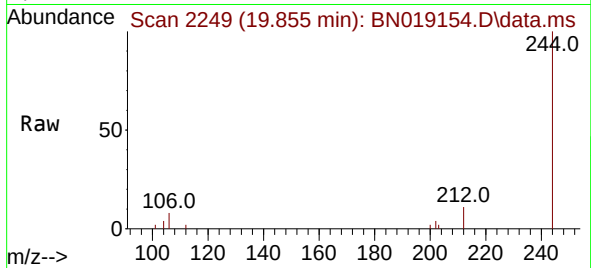
#31  
Terphenyl-d14  
Concen: 0.371 ng  
RT: 19.855 min Scan# 2118  
Delta R.T. -0.009 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

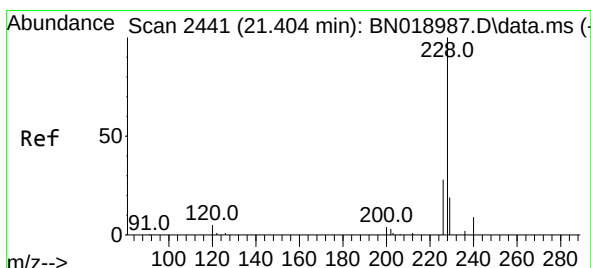
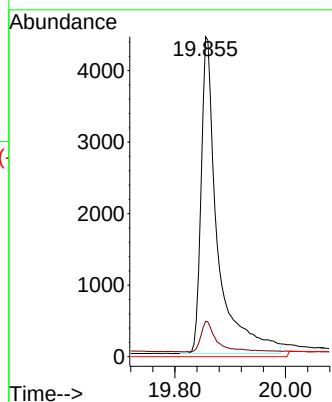


Tgt Ion:244 Resp: 918  
Ion Ratio Lower Upper  
244 100  
212 11.1 8.2 12.4  
122 0.0 0.0 0.0

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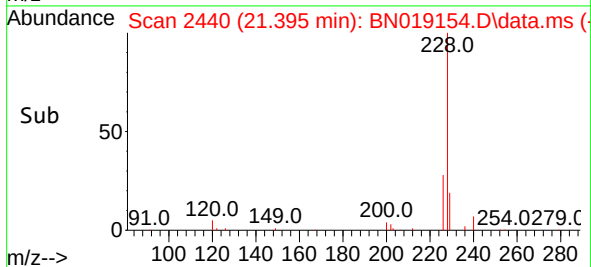
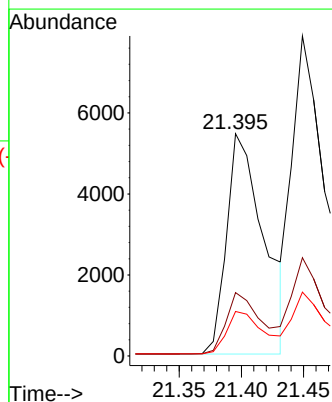
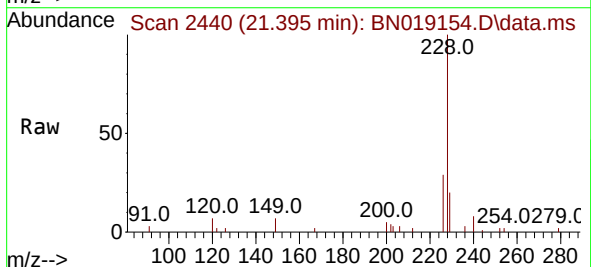
APPROVED

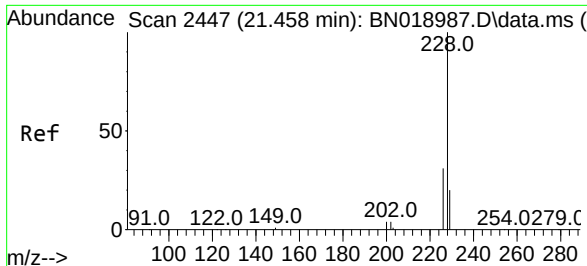
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022



#32  
Benzo(a)anthracene  
Concen: 0.363 ng  
RT: 21.395 min Scan# 2440  
Delta R.T. -0.009 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

Tgt Ion:228 Resp: 11288  
Ion Ratio Lower Upper  
228 100  
226 28.5 21.9 32.9  
229 20.0 16.0 24.0





#33

Chrysene

Concen: 0.395 ng

RT: 21.449 min Scan# 2446

Delta R.T. -0.009 min

Lab File: BN019154.D

Acq: 25 Mar 2022 09:42

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

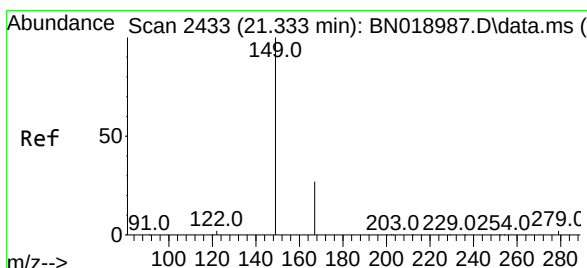
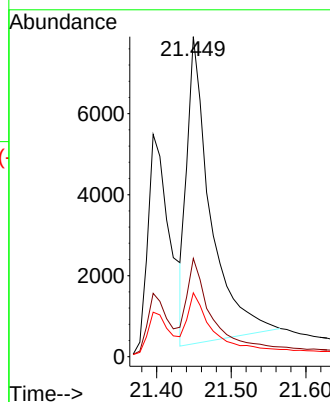
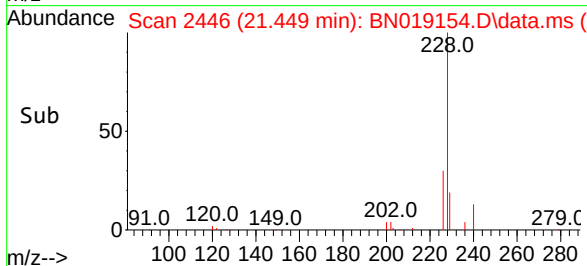
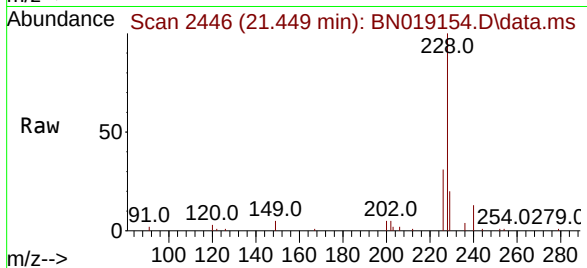
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 228   | Resp: | 1652 |
| Ion Ratio | Lower | Upper |      |
| 228       | 100   |       |      |
| 226       | 30.7  | 24.0  | 36.0 |
| 229       | 19.9  | 15.9  | 23.9 |

Manual Integrations

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Reviewed By :Christian Giraldo 03/29/2022

Supervised By :Jagrut Upadhyay 03/29/2022



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.318 ng

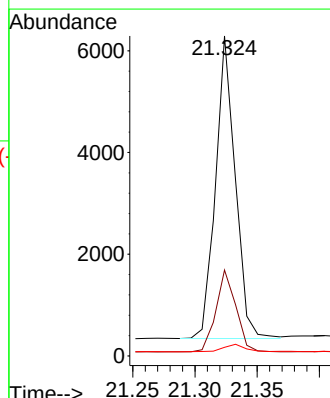
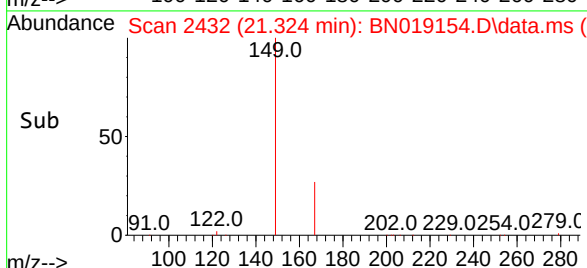
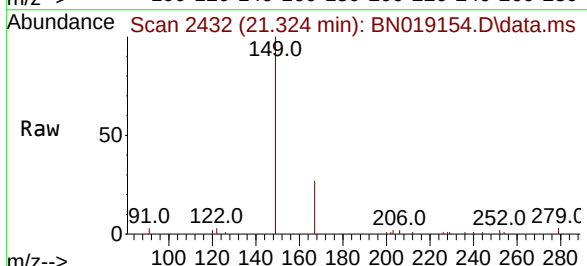
RT: 21.324 min Scan# 2432

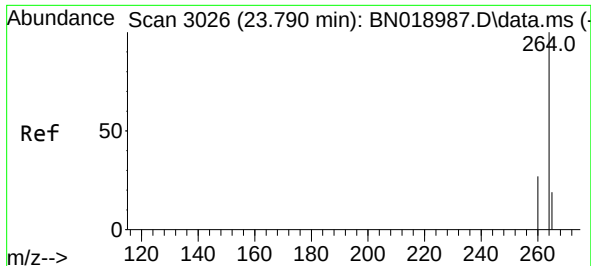
Delta R.T. -0.009 min

Lab File: BN019154.D

Acq: 25 Mar 2022 09:42

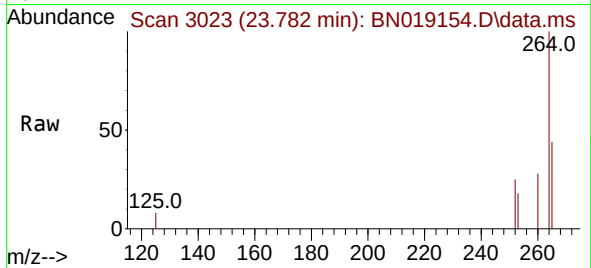
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 6546 |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 167       | 27.2  | 21.8  | 32.8 |
| 279       | 2.9   | 2.0   | 3.0  |





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.782 min Scan# 3026  
Delta R.T. -0.009 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

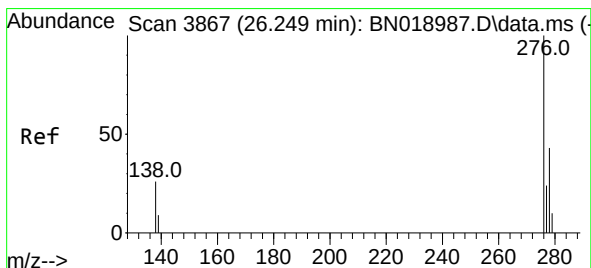
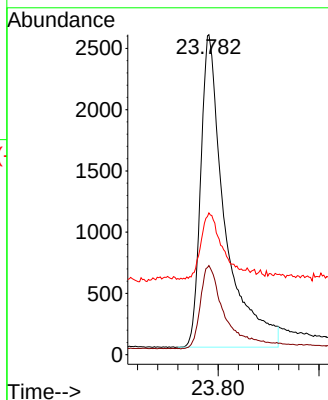
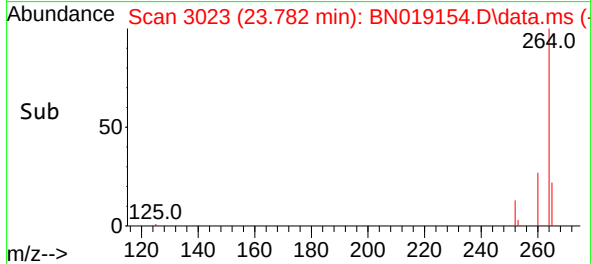
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:264 Resp: 850  
Ion Ratio Lower Upper  
264 100  
260 27.9 22.4 33.6  
265 44.3 25.3 37.9

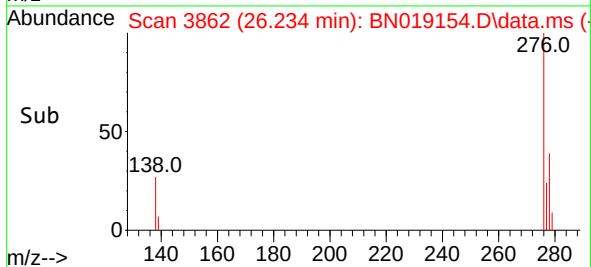
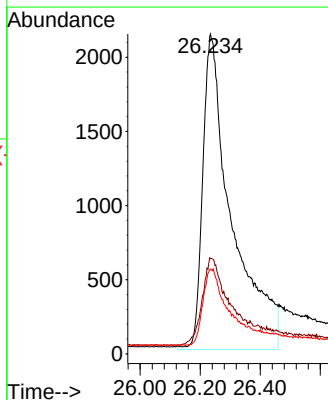
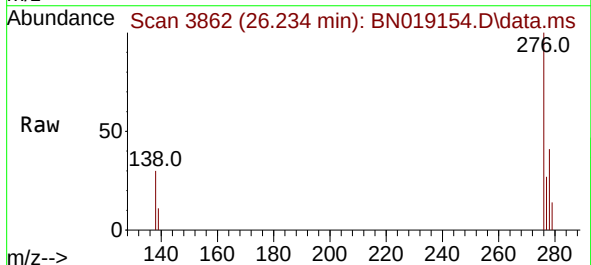
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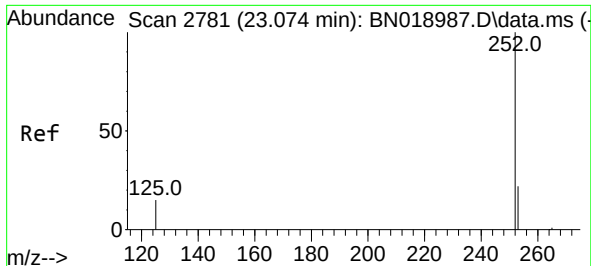
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.465 ng m  
RT: 26.234 min Scan# 3862  
Delta R.T. -0.015 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

Tgt Ion:276 Resp: 14261  
Ion Ratio Lower Upper  
276 100  
138 23.3 24.5 36.7#  
277 19.7 19.8 29.8#





#37

Benzo(b)fluoranthene

Concen: 0.384 ng m

RT: 23.062 min Scan# 21

Delta R.T. -0.012 min

Lab File: BN019154.D

Acq: 25 Mar 2022 09:42

Instrument :

BN019154.D

ClientSampleId :

SSTDCCC0.4EC

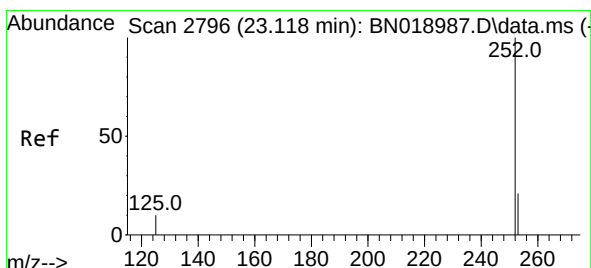
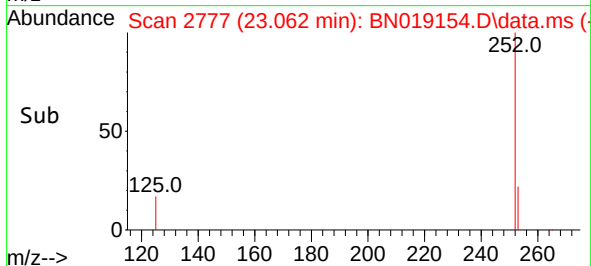
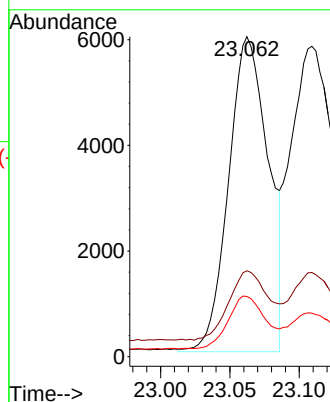
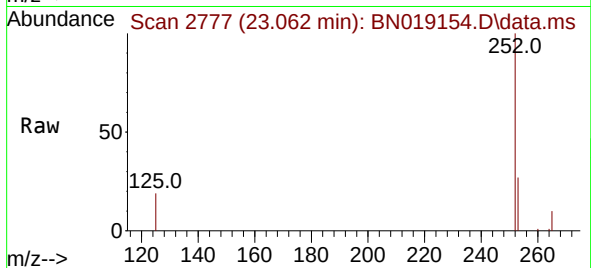
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:252 | Resp: | 1191      |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 26.8  | 18.9 28.3 |
| 125         | 18.8  | 12.1 18.1 |

Manual Integrations

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Reviewed By :Christian Giraldo 03/29/2022

Supervised By :Jagrut Upadhyay 03/29/2022



#38

Benzo(k)fluoranthene

Concen: 0.394 ng m

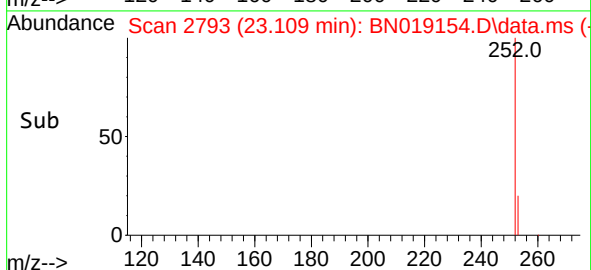
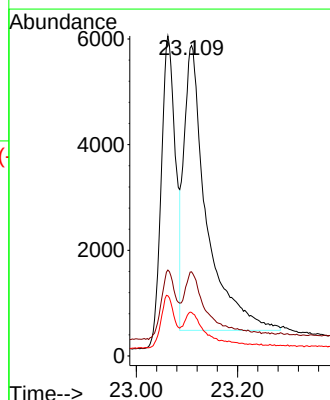
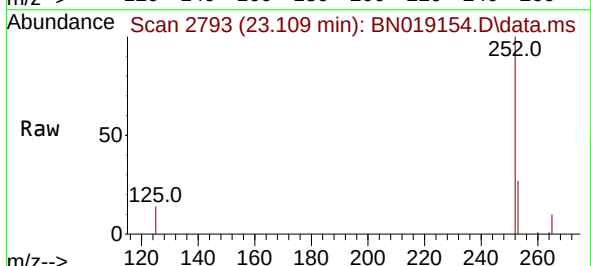
RT: 23.109 min Scan# 2793

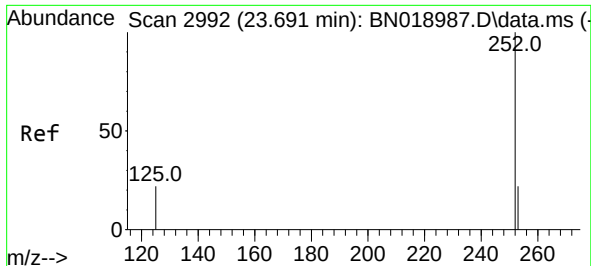
Delta R.T. -0.009 min

Lab File: BN019154.D

Acq: 25 Mar 2022 09:42

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:252 | Resp: | 16757     |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 27.1  | 18.9 28.3 |
| 125         | 14.0  | 10.3 15.5 |





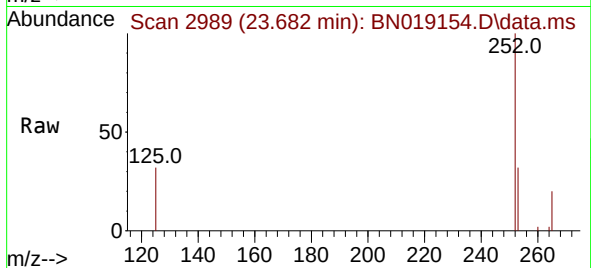
#39  
Benzo(a)pyrene  
Concen: 0.397 ng  
RT: 23.682 min Scan# 2992  
Delta R.T. -0.009 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

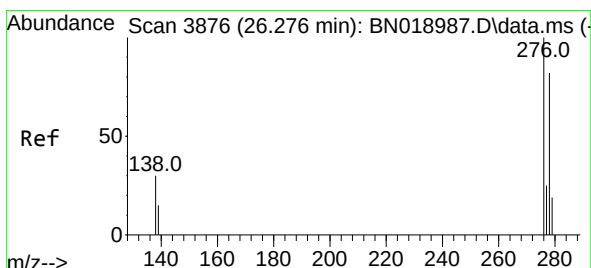
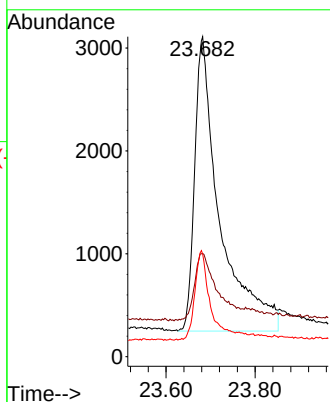
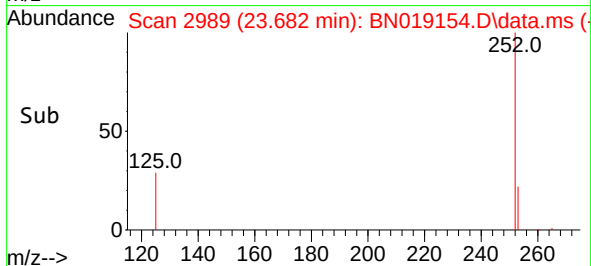


Tgt Ion:252 Resp: 11208  
Ion Ratio Lower Upper  
252 100  
253 32.3 20.1 30.1  
125 32.0 15.2 22.8

Manual Integrations

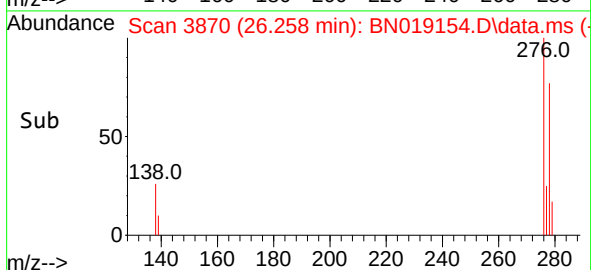
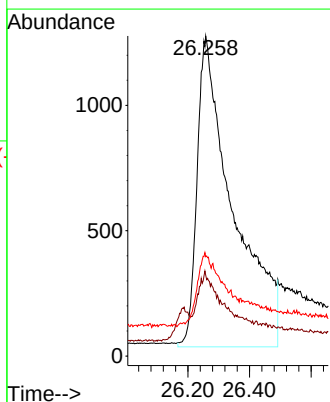
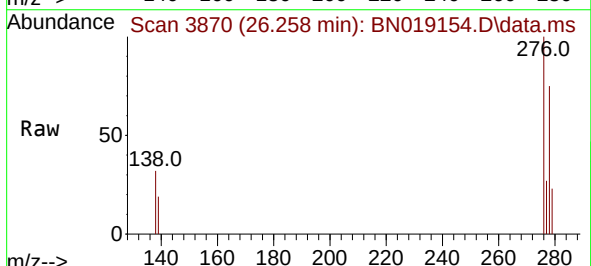
APPROVED

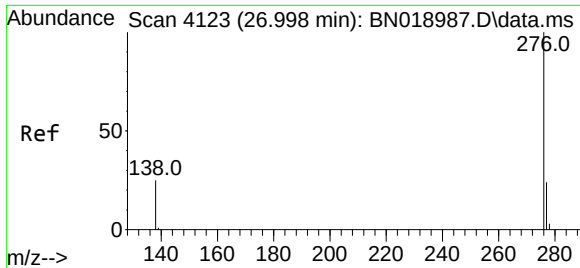
Reviewed By :Christian Giraldo 03/29/2022  
Supervised By :Jagrut Upadhyay 03/29/2022



#40  
Dibenzo(a,h)anthracene  
Concen: 0.420 ng m  
RT: 26.258 min Scan# 3870  
Delta R.T. -0.018 min  
Lab File: BN019154.D  
Acq: 25 Mar 2022 09:42

Tgt Ion:278 Resp: 10047  
Ion Ratio Lower Upper  
278 100  
139 25.3 17.2 25.8  
279 31.0 19.9 29.9





#41

Benzo(g,h,i)perylene

Concen: 0.398 ng

RT: 26.983 min Scan# 41

Delta R.T. -0.015 min

Lab File: BN019154.D

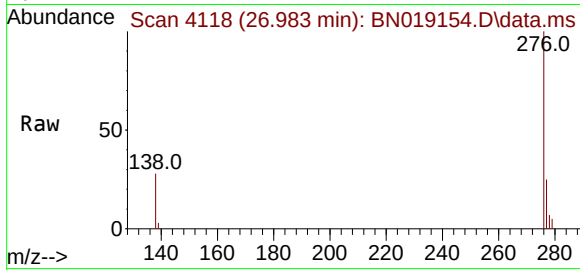
Acq: 25 Mar 2022 09:42

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion:276 Resp: 11992

Ion Ratio Lower Upper

276 100

277 24.8 19.4 29.0

138 27.8 21.0 31.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/29/2022

Supervised By :Jagrut Upadhyay 03/29/2022

