

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN011423\  
 Data File : BN023655.D  
 Acq On : 13 Jan 2023 14:17  
 Operator : CG/JU  
 Sample : PB150226BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB150226BS

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 01/16/2023  
 Supervised By :Jagrut Upadhyay 01/16/2023

Quant Time: Jan 16 02:34:26 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN011223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 12 00:22:07 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.948  | 152  | 4351     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.754 | 136  | 13232    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.591 | 164  | 7564     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.340 | 188  | 16774    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.536 | 240  | 14098    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.957 | 264  | 10439    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.493  | 112  | 3869     | 0.448 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.103  | 99   | 4874     | 0.438 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.110  | 82   | 3294     | 0.331 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.348 | 152  | 7630m    | 0.418 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.086 | 330  | 1076     | 0.328 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.223 | 172  | 10402    | 0.340 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.376 | 212  | 13436    | 0.327 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.975 | 244  | 13913    | 0.390 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.333  | 88   | 1190     | 0.305 | ng    | # 66     |
| 3) n-Nitrosodimethylamine     | 3.666  | 42   | 1516     | 0.346 | ng    | 88       |
| 6) bis(2-Chloroethyl)ether    | 7.363  | 93   | 4418     | 0.377 | ng    | 99       |
| 9) Naphthalene                | 10.808 | 128  | 11904    | 0.340 | ng    | 99       |
| 10) Hexachlorobutadiene       | 11.096 | 225  | 2360     | 0.333 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 12.424 | 142  | 8735     | 0.348 | ng    | 99       |
| 16) Acenaphthylene            | 14.314 | 152  | 9711     | 0.318 | ng    | 100      |
| 17) Acenaphthene              | 14.656 | 154  | 7386     | 0.330 | ng    | 100      |
| 18) Fluorene                  | 15.639 | 166  | 10156    | 0.338 | ng    | 98       |
| 20) 4,6-Dinitro-2-methylph... | 15.726 | 198  | 504      | 0.276 | ng    | # 89     |
| 21) 4-Bromophenyl-phenylether | 16.533 | 248  | 3150     | 0.329 | ng    | 96       |
| 22) Hexachlorobenzene         | 16.645 | 284  | 3945     | 0.330 | ng    | 100      |
| 23) Atrazine                  | 16.806 | 200  | 2098     | 0.318 | ng    | 99       |
| 24) Pentachlorophenol         | 16.992 | 266  | 2540     | 0.614 | ng    | 97       |
| 25) Phenanthrene              | 17.390 | 178  | 16154    | 0.329 | ng    | 99       |
| 26) Anthracene                | 17.477 | 178  | 12903    | 0.328 | ng    | 100      |
| 28) Fluoranthene              | 19.406 | 202  | 17548    | 0.316 | ng    | 100      |
| 30) Pyrene                    | 19.768 | 202  | 17517    | 0.324 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.518 | 228  | 14832    | 0.325 | ng    | 100      |
| 33) Chrysene                  | 21.571 | 228  | 16768    | 0.334 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.437 | 149  | 7061     | 0.332 | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.483 | 276  | 14114    | 0.301 | ng    | 100      |
| 37) Benzo(b)fluoranthene      | 23.217 | 252  | 15570    | 0.349 | ng    | 98       |
| 38) Benzo(k)fluoranthene      | 23.264 | 252  | 14580    | 0.336 | ng    | 98       |
| 39) Benzo(a)pyrene            | 23.852 | 252  | 11248    | 0.335 | ng    | 96       |
| 40) Dibenzo(a,h)anthracene    | 26.506 | 278  | 12053    | 0.322 | ng    | 98       |
| 41) Benzo(g,h,i)perylene      | 27.261 | 276  | 12963    | 0.338 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

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

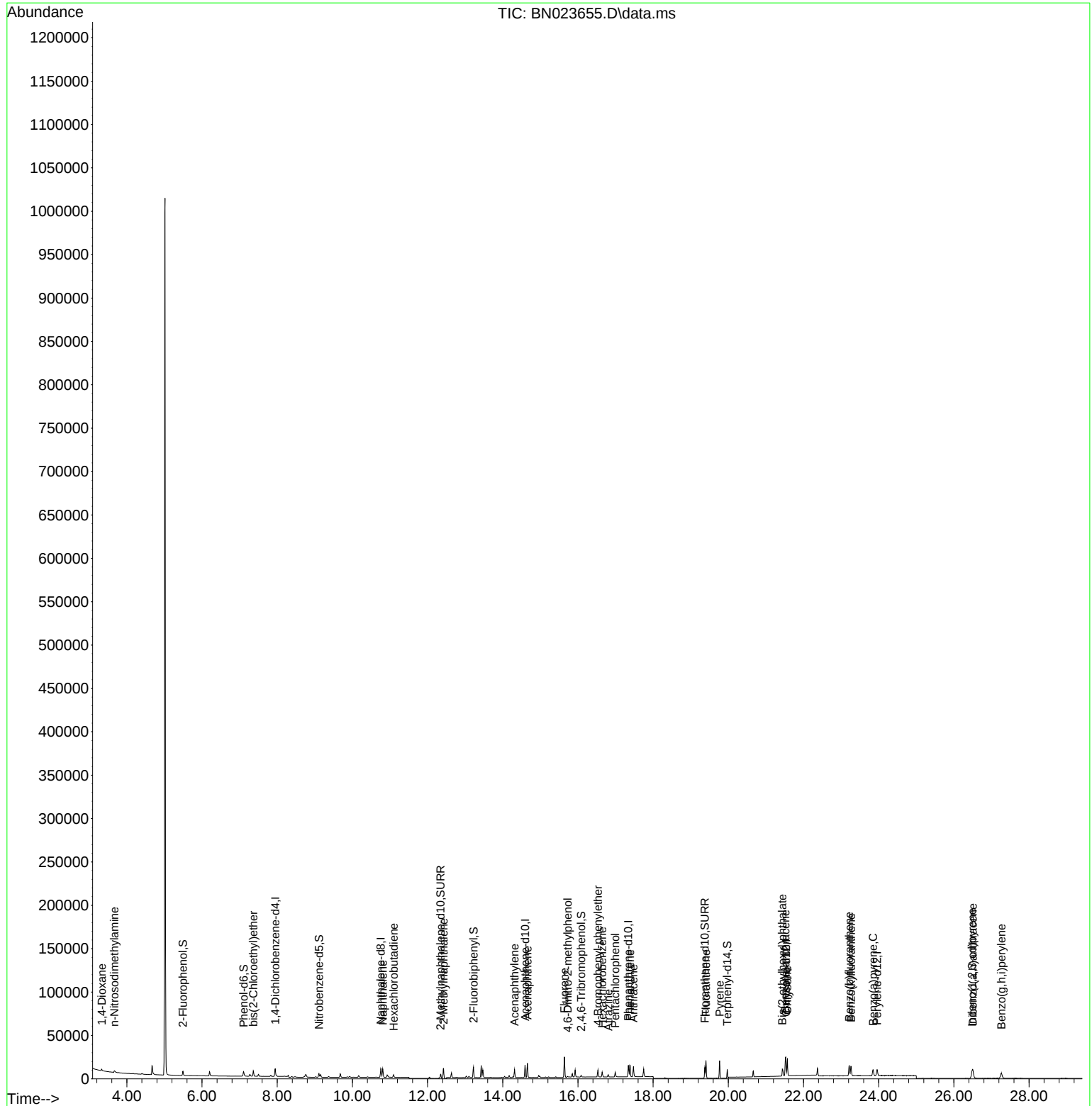
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN011423\  
Data File : BN023655.D  
Acq On : 13 Jan 2023 14:17  
Operator : CG/JU  
Sample : PB150226BS  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

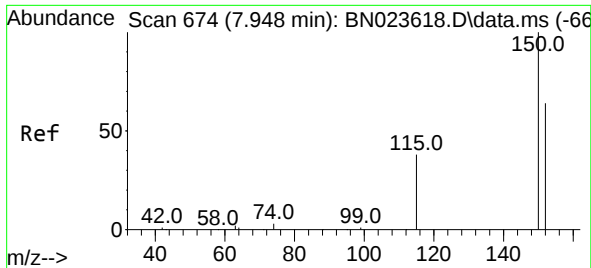
Instrument :  
BNA\_N  
ClientSampleId :  
PB150226BS

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 01/16/2023  
Supervised By :Jagrut Upadhyay 01/16/2023

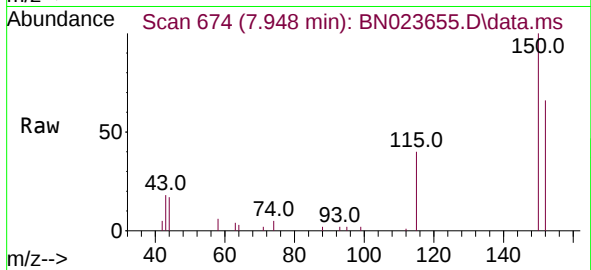
Quant Time: Jan 16 02:34:26 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN011223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jan 12 00:22:07 2023  
Response via : Initial Calibration





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.948 min Scan# 61  
 Delta R.T. 0.000 min  
 Lab File: BN023655.D  
 Acq: 13 Jan 2023 14:17

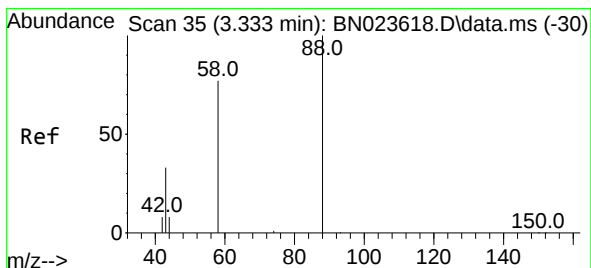
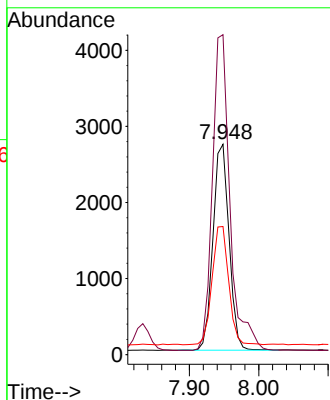
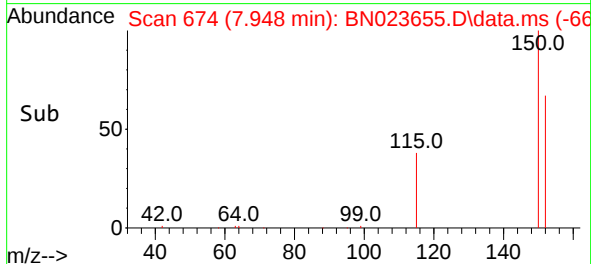
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB150226BS



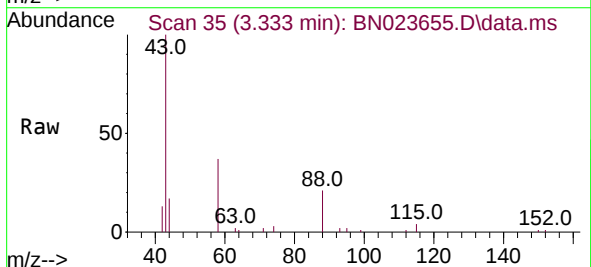
Tgt Ion: 152 Resp: 435  
 Ion Ratio Lower Upper  
 152 100  
 150 152.2 123.8 185.8  
 115 60.9 50.6 75.8

Manual Integrations  
 APPROVED

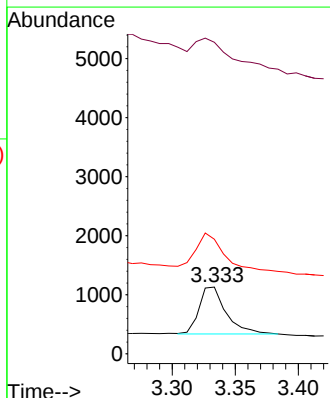
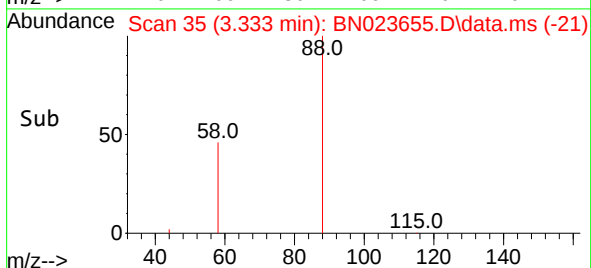
Reviewed By : Christian Giraldo 01/16/2023  
 Supervised By : Jagrut Upadhyay 01/16/2023

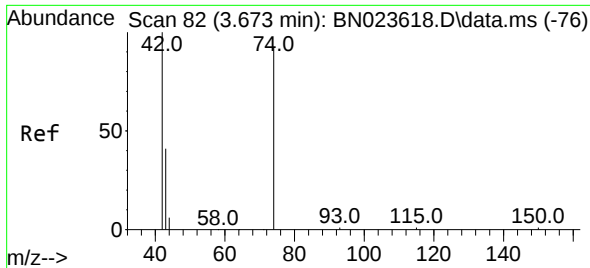


#2  
 1,4-Dioxane  
 Concen: 0.305 ng  
 RT: 3.333 min Scan# 35  
 Delta R.T. 0.000 min  
 Lab File: BN023655.D  
 Acq: 13 Jan 2023 14:17



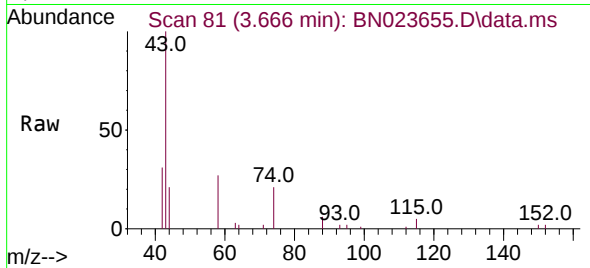
Tgt Ion: 88 Resp: 1190  
 Ion Ratio Lower Upper  
 88 100  
 43 82.6 26.2 39.2  
 58 85.1 60.6 90.8





#3  
n-Nitrosodimethylamine  
Concen: 0.346 ng  
RT: 3.666 min Scan# 81  
Delta R.T. -0.007 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17

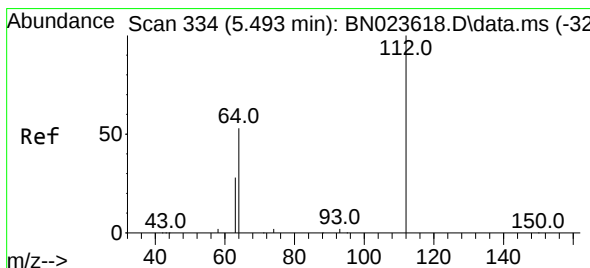
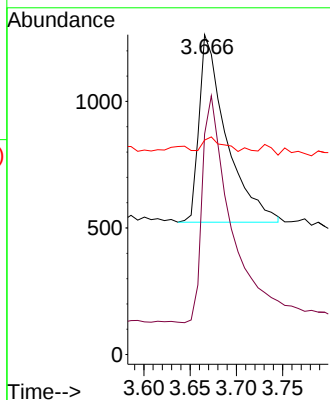
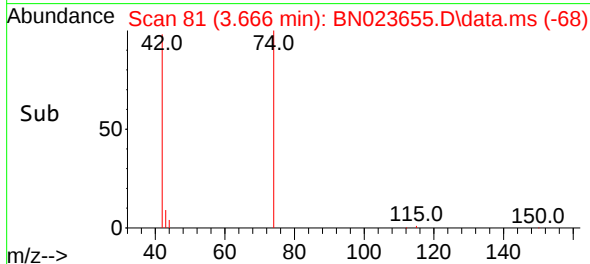
Instrument :  
BNA\_N  
ClientSampleId :  
PB150226BS



Tgt Ion: 42 Resp: 1516  
Ion Ratio Lower Upper  
42 100  
74 128.6 92.1 138.1  
44 7.5 5.4 8.0

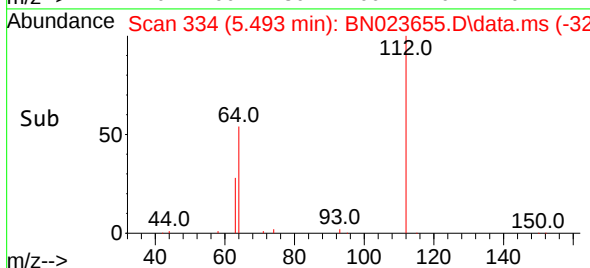
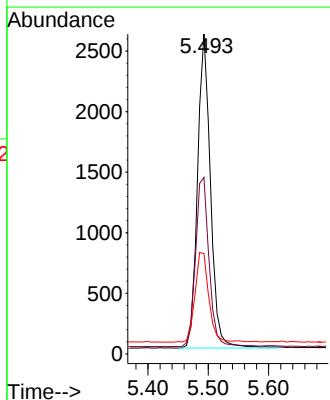
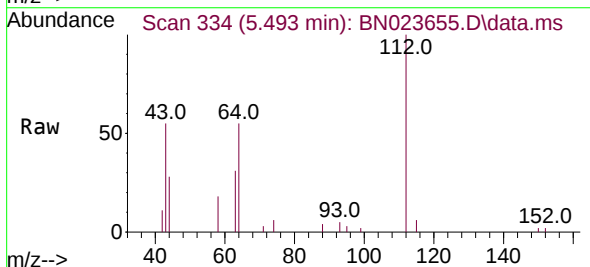
Manual Integrations  
APPROVED

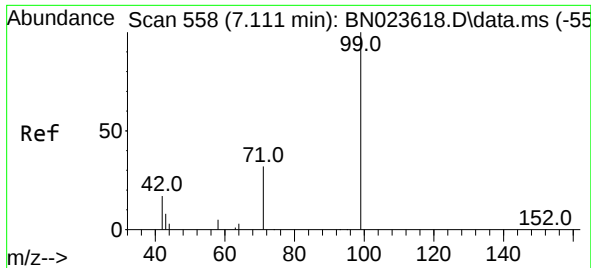
Reviewed By :Christian Giraldo 01/16/2023  
Supervised By :Jagrut Upadhyay 01/16/2023



#4  
2-Fluorophenol  
Concen: 0.448 ng  
RT: 5.493 min Scan# 334  
Delta R.T. 0.000 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17

Tgt Ion:112 Resp: 3869  
Ion Ratio Lower Upper  
112 100  
64 56.6 44.9 67.3  
63 30.4 24.9 37.3





#5  
Phenol-d6  
Concen: 0.438 ng  
RT: 7.103 min Scan# 51  
Delta R.T. -0.007 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17

Instrument :

BNA\_N

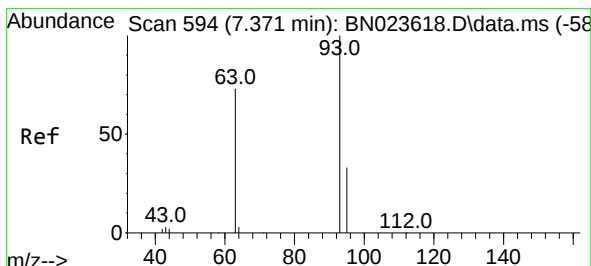
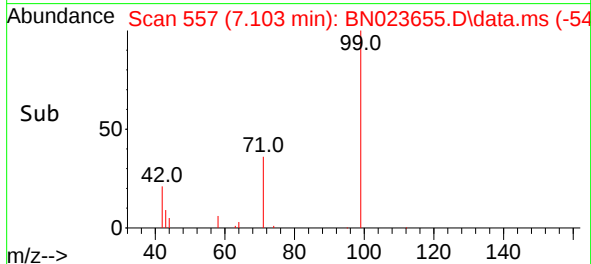
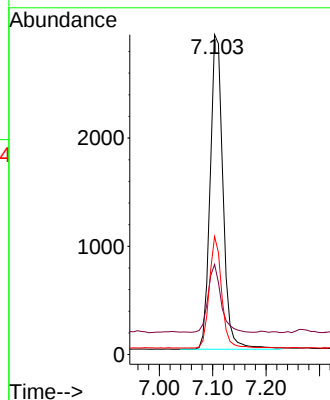
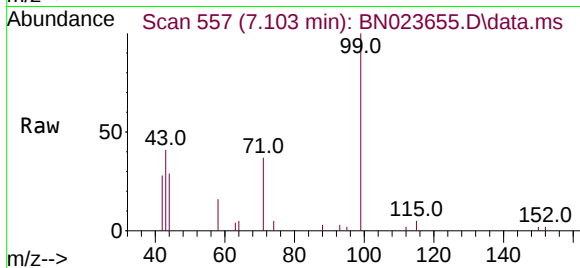
ClientSampleId :

PB150226BS

Tgt Ion: 99 Resp: 4874  
Ion Ratio Lower Upper  
99 100  
42 21.5 18.8 28.2  
71 33.7 28.2 42.4

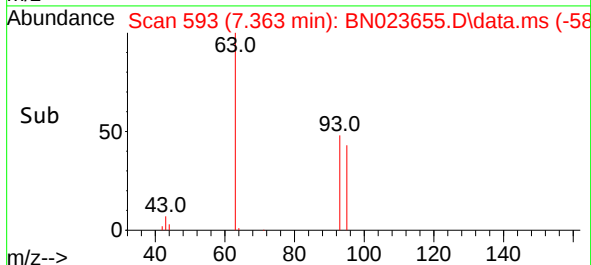
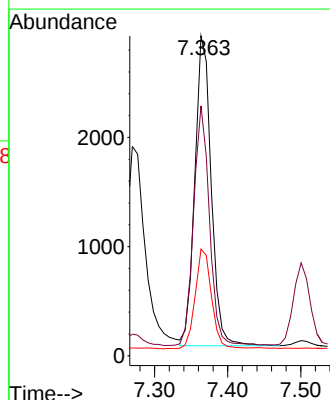
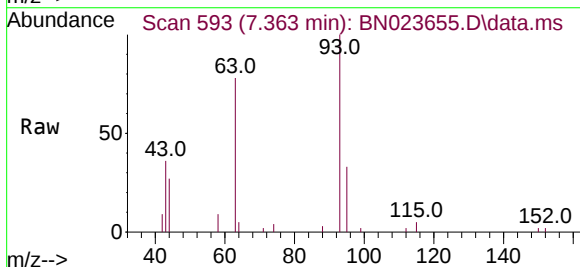
Manual Integrations  
APPROVED

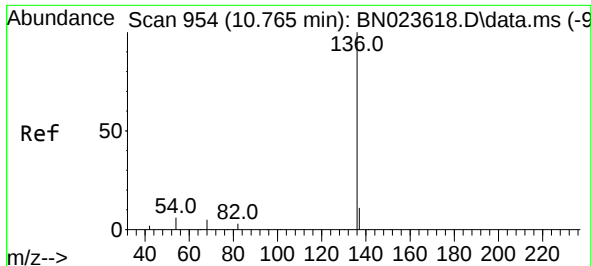
Reviewed By :Christian Giraldo 01/16/2023  
Supervised By :Jagrut Upadhyay 01/16/2023



#6  
bis(2-Chloroethyl)ether  
Concen: 0.377 ng  
RT: 7.363 min Scan# 593  
Delta R.T. -0.007 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17

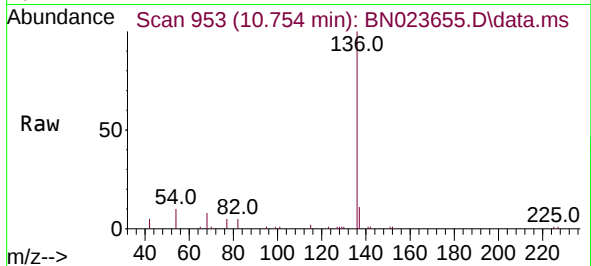
Tgt Ion: 93 Resp: 4418  
Ion Ratio Lower Upper  
93 100  
63 75.0 59.6 89.4  
95 32.2 25.3 37.9





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.754 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17

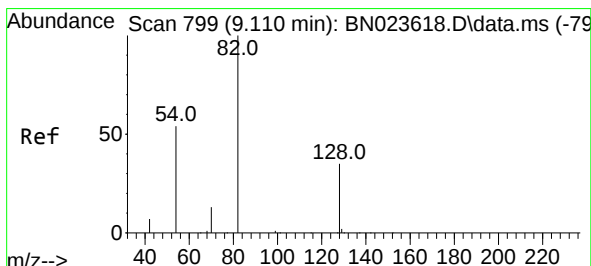
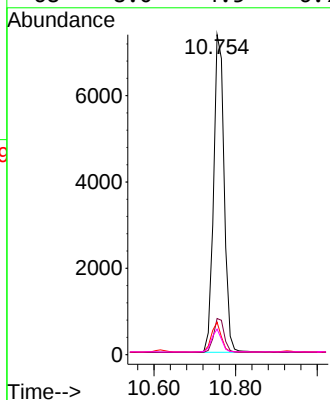
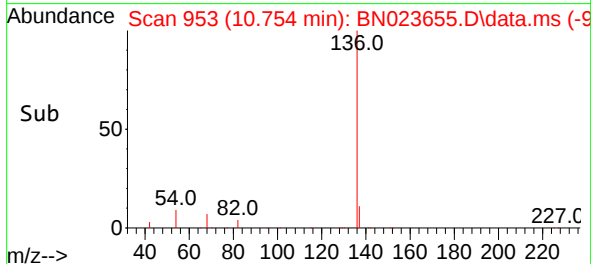
Instrument :  
BNA\_N  
ClientSampleId :  
PB150226BS



|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 136   | Resp: | 1323 |
| Ion Ratio | Lower | Upper |      |
| 136       | 100   |       |      |
| 137       | 11.3  | 9.3   | 13.9 |
| 54        | 10.1  | 5.7   | 8.5  |
| 68        | 8.0   | 4.5   | 6.7  |

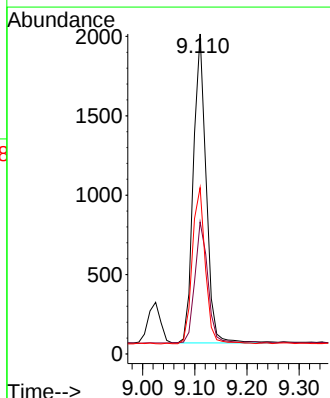
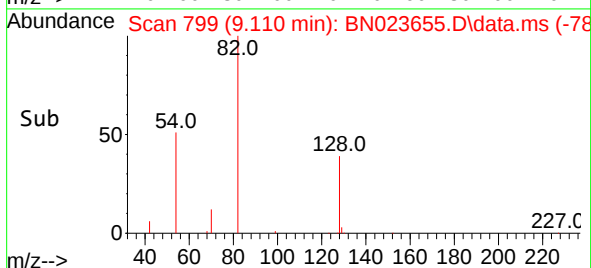
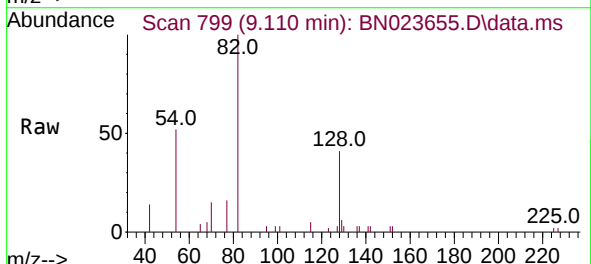
Manual Integrations  
APPROVED

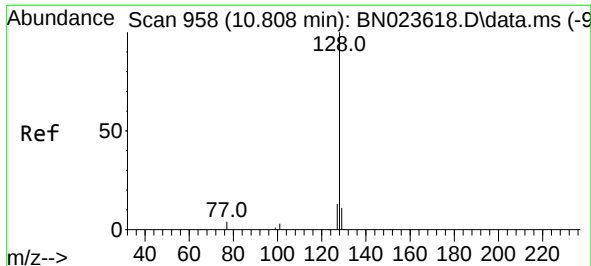
Reviewed By :Christian Giraldo 01/16/2023  
Supervised By :Jagrut Upadhyay 01/16/2023



#8  
Nitrobenzene-d5  
Concen: 0.331 ng  
RT: 9.110 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 3294 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 41.2  | 29.8  | 44.8 |
| 54        | 52.0  | 43.9  | 65.9 |





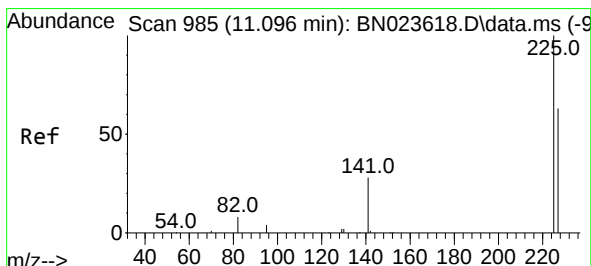
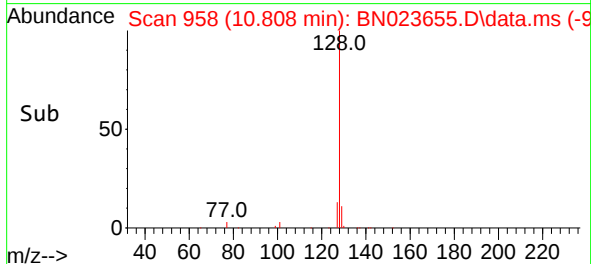
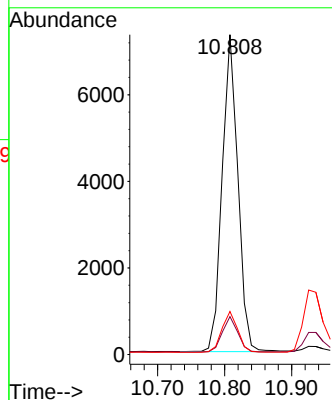
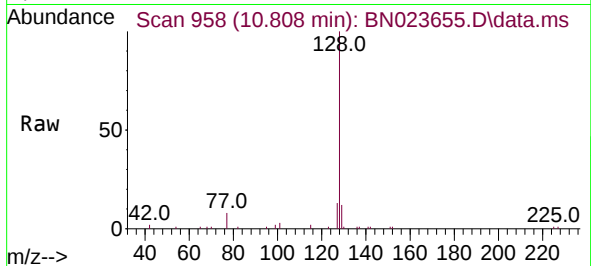
#9  
Naphthalene  
Concen: 0.340 ng  
RT: 10.808 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17

Instrument :  
BNA\_N  
ClientSampleId :  
PB150226BS

Tgt Ion:128 Resp: 11904  
Ion Ratio Lower Upper  
128 100  
129 11.9 9.2 13.8  
127 13.5 11.0 16.4

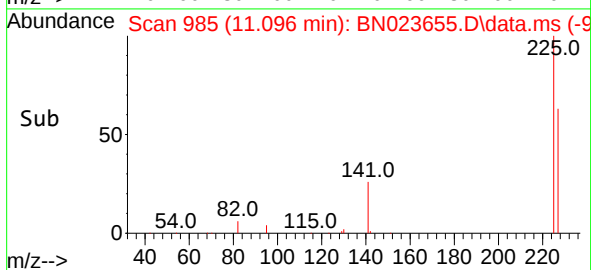
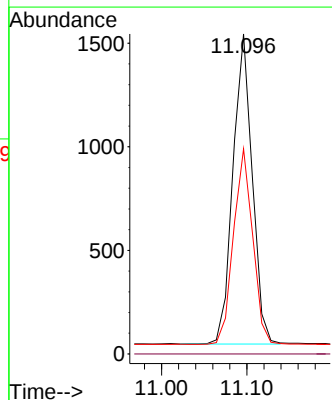
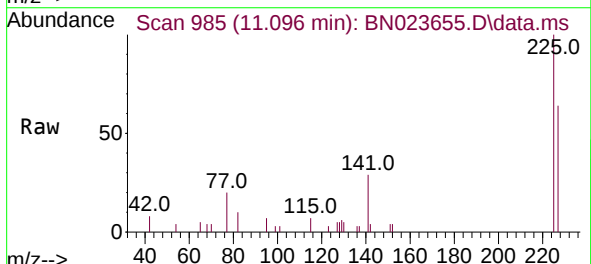
Manual Integrations  
APPROVED

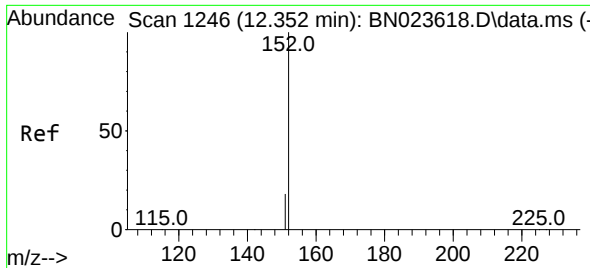
Reviewed By :Christian Giraldo 01/16/2023  
Supervised By :Jagrut Upadhyay 01/16/2023



#10  
Hexachlorobutadiene  
Concen: 0.333 ng  
RT: 11.096 min Scan# 985  
Delta R.T. 0.000 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17

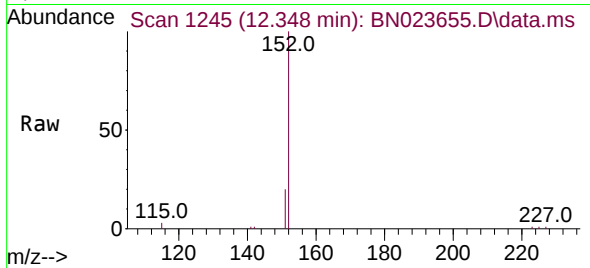
Tgt Ion:225 Resp: 2360  
Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 62.9 51.8 77.6





#11  
2-Methylnaphthalene-d10  
Concen: 0.418 ng m  
RT: 12.348 min Scan# 1245  
Delta R.T. -0.004 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17

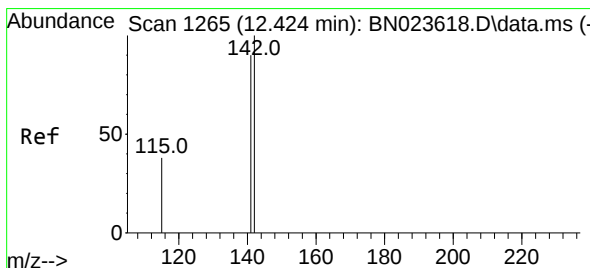
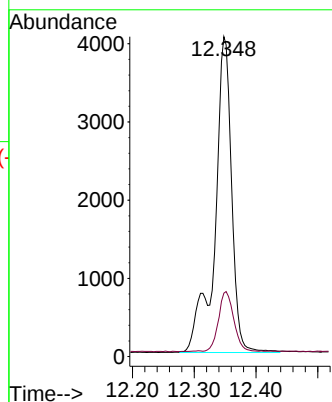
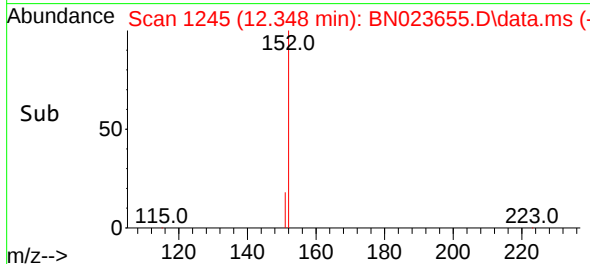
Instrument :  
BNA\_N  
ClientSampleId :  
PB150226BS



Tgt Ion:152 Resp: 7630  
Ion Ratio Lower Upper  
152 100  
151 16.9 16.9 25.3

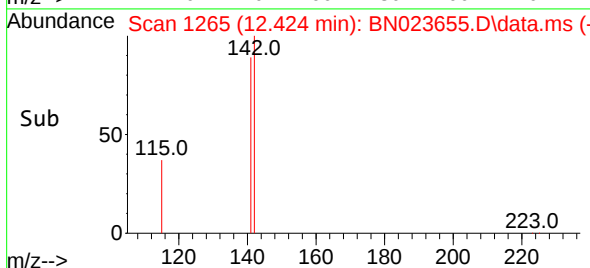
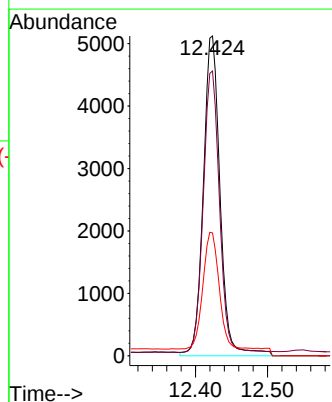
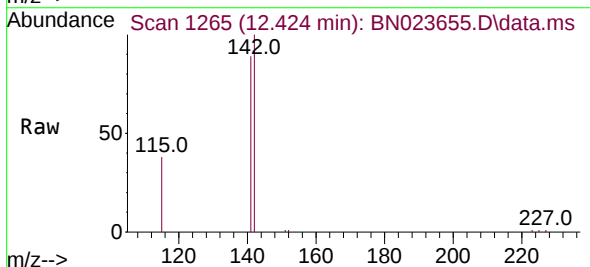
Manual Integrations  
APPROVED

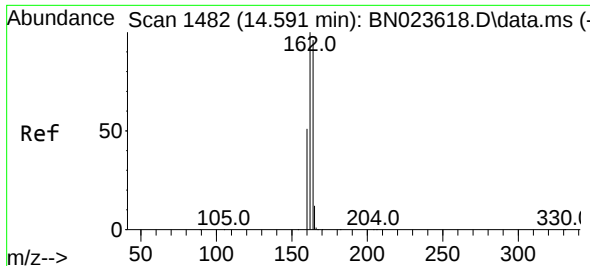
Reviewed By :Christian Giraldo 01/16/2023  
Supervised By :Jagrut Upadhyay 01/16/2023



#12  
2-Methylnaphthalene  
Concen: 0.348 ng  
RT: 12.424 min Scan# 1265  
Delta R.T. 0.000 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17

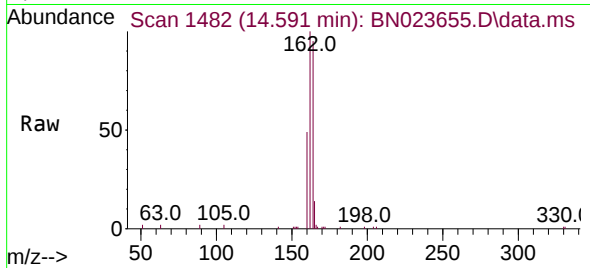
Tgt Ion:142 Resp: 8735  
Ion Ratio Lower Upper  
142 100  
141 89.0 72.0 108.0  
115 38.4 31.7 47.5





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.591 min Scan# 1482  
Delta R.T. 0.000 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17

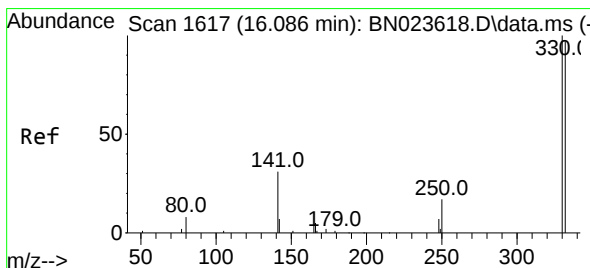
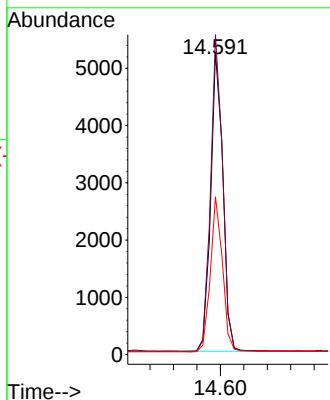
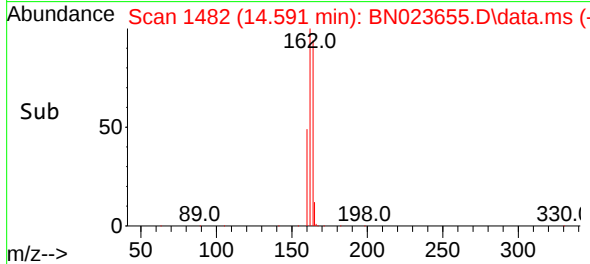
Instrument :  
BNA\_N  
ClientSampleId :  
PB150226BS



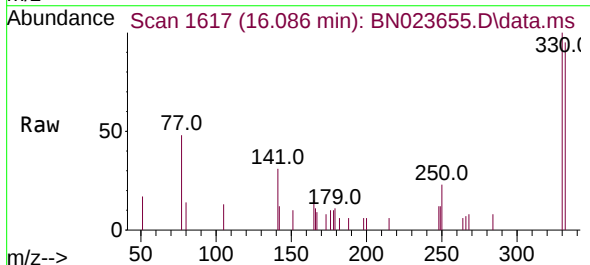
Tgt Ion:164 Resp: 7564  
Ion Ratio Lower Upper  
164 100  
162 105.8 83.4 125.2  
160 52.2 42.7 64.1

Manual Integrations  
APPROVED

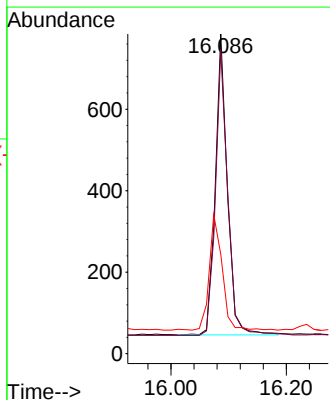
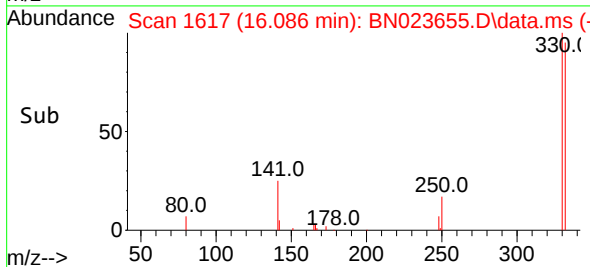
Reviewed By :Christian Giraldo 01/16/2023  
Supervised By :Jagrut Upadhyay 01/16/2023

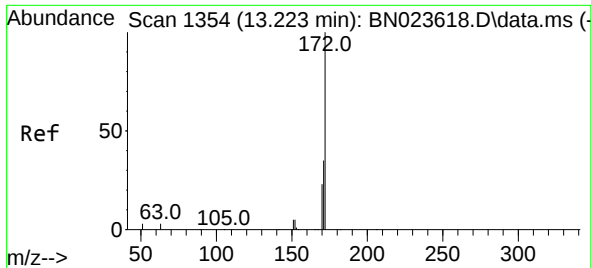


#14  
2,4,6-Tribromophenol  
Concen: 0.328 ng  
RT: 16.086 min Scan# 1617  
Delta R.T. 0.000 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17



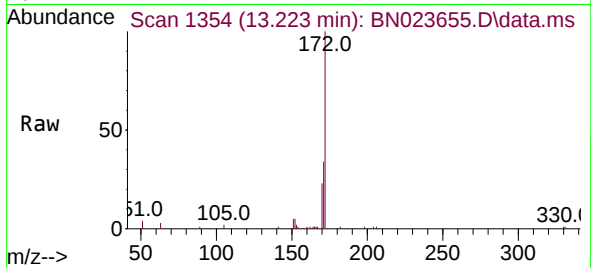
Tgt Ion:330 Resp: 1076  
Ion Ratio Lower Upper  
330 100  
332 96.1 78.1 117.1  
141 40.8 33.4 50.0





#15  
2-Fluorobiphenyl  
Concen: 0.340 ng  
RT: 13.223 min Scan# 1354  
Delta R.T. 0.000 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17

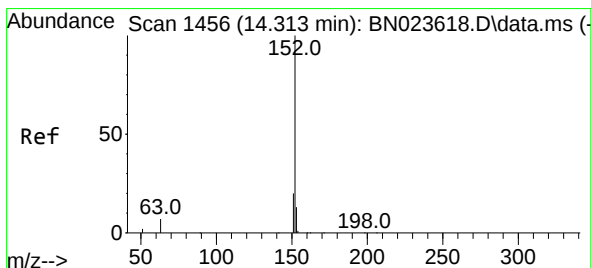
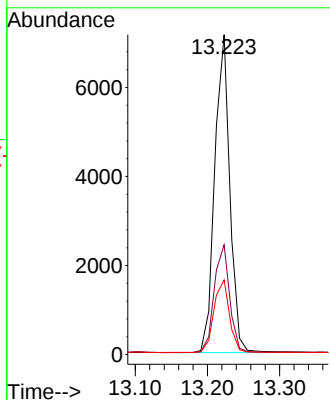
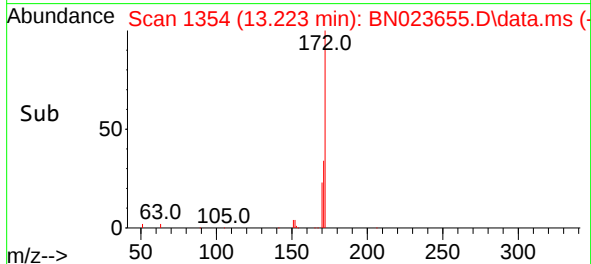
Instrument :  
BNA\_N  
ClientSampleId :  
PB150226BS



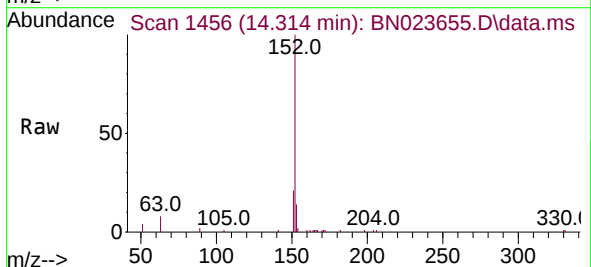
Tgt Ion:172 Resp: 10402  
Ion Ratio Lower Upper  
172 100  
171 34.3 28.0 42.0  
170 23.3 19.0 28.4

Manual Integrations  
APPROVED

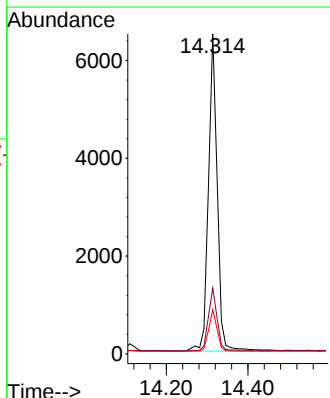
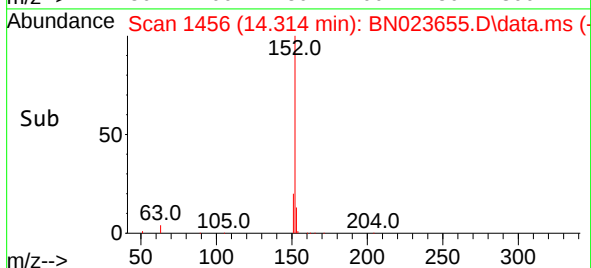
Reviewed By :Christian Giraldo 01/16/2023  
Supervised By :Jagrut Upadhyay 01/16/2023

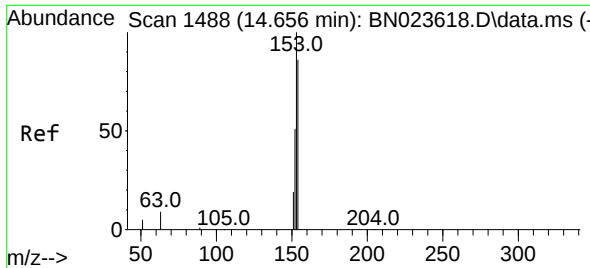


#16  
Acenaphthylene  
Concen: 0.318 ng  
RT: 14.314 min Scan# 1456  
Delta R.T. 0.000 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17



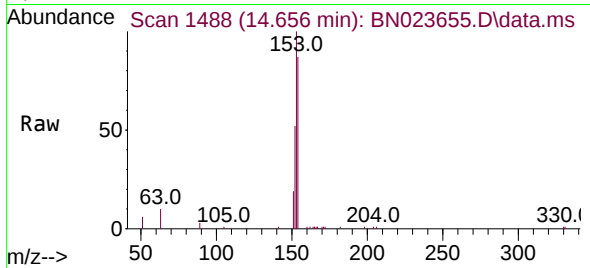
Tgt Ion:152 Resp: 9711  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.6 23.4  
153 12.9 10.5 15.7





#17  
Acenaphthene  
Concen: 0.330 ng  
RT: 14.656 min Scan# 1488  
Delta R.T. 0.000 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17

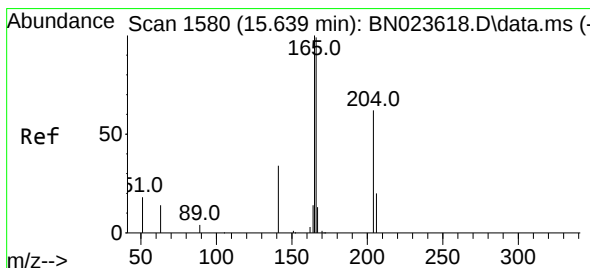
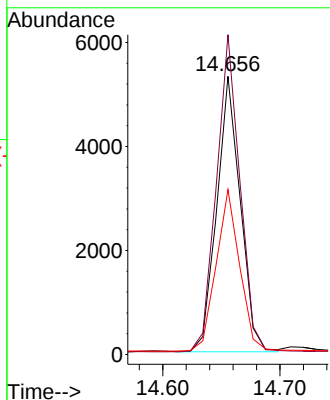
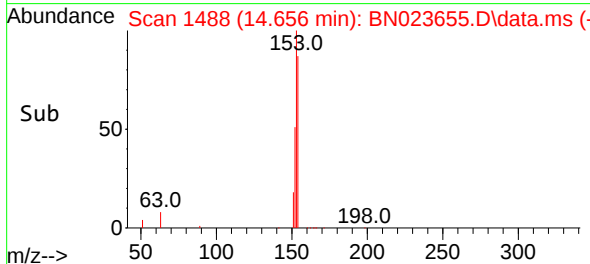
Instrument :  
BNA\_N  
ClientSampleId :  
PB150226BS



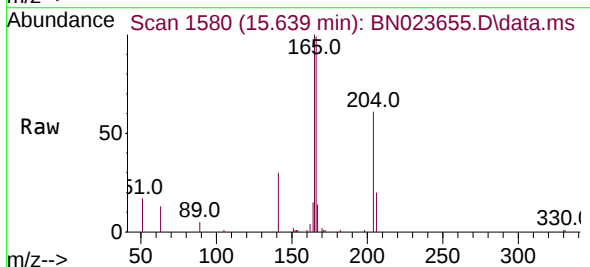
Tgt Ion:154 Resp: 7386  
Ion Ratio Lower Upper  
154 100  
153 115.4 92.4 138.6  
152 59.5 48.2 72.2

Manual Integrations  
APPROVED

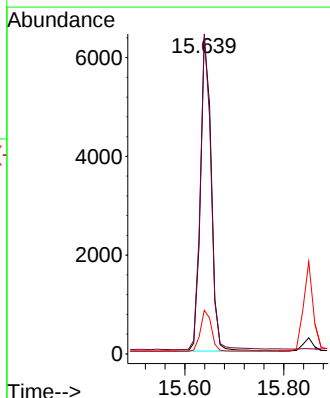
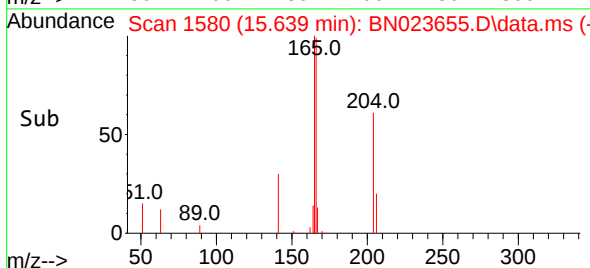
Reviewed By :Christian Giraldo 01/16/2023  
Supervised By :Jagrut Upadhyay 01/16/2023

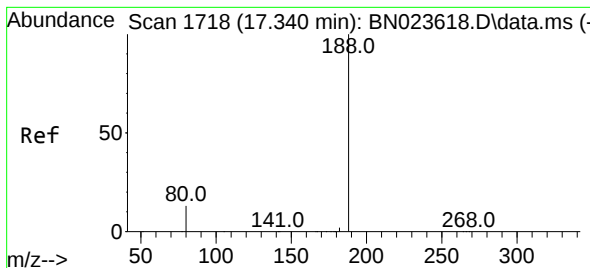


#18  
Fluorene  
Concen: 0.338 ng  
RT: 15.639 min Scan# 1580  
Delta R.T. 0.000 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17



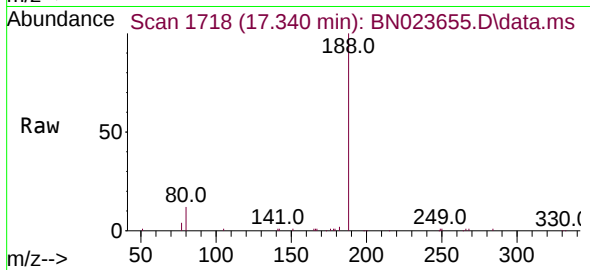
Tgt Ion:166 Resp: 10156  
Ion Ratio Lower Upper  
166 100  
165 97.7 80.4 120.6  
167 13.1 10.6 16.0





#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.340 min Scan# 1718  
Delta R.T. 0.000 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17

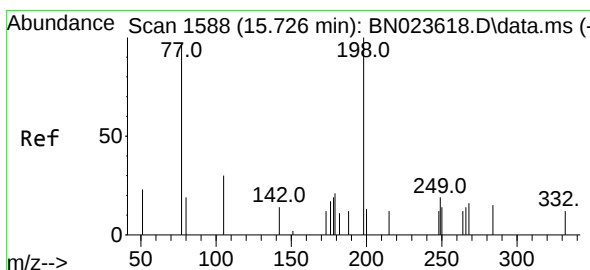
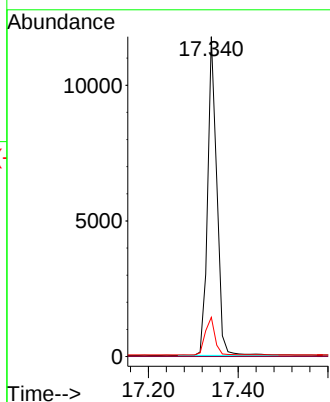
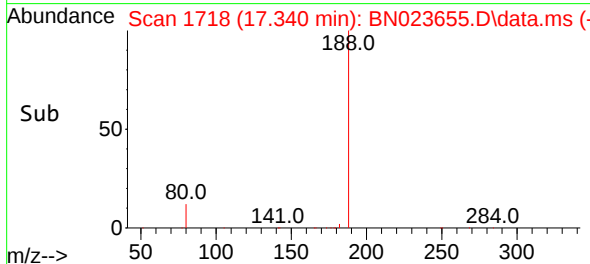
Instrument :  
BNA\_N  
ClientSampleId :  
PB150226BS



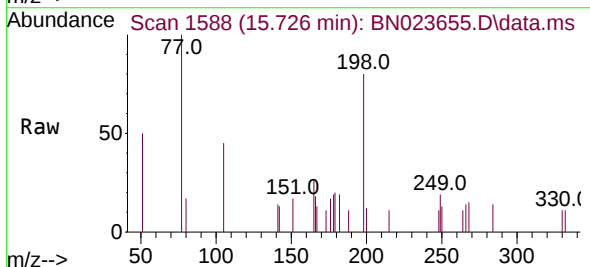
Tgt Ion:188 Resp: 16774  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.3 11.0 16.4

Manual Integrations  
APPROVED

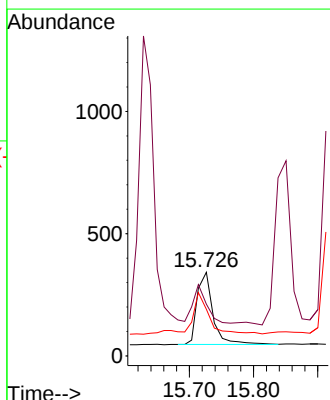
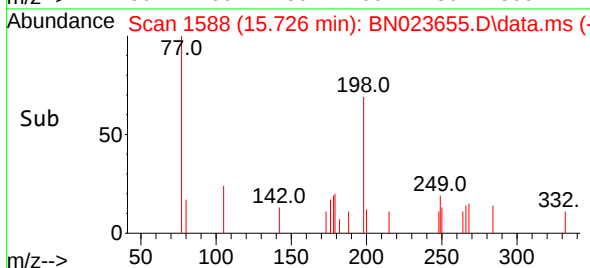
Reviewed By :Christian Giraldo 01/16/2023  
Supervised By :Jagrut Upadhyay 01/16/2023

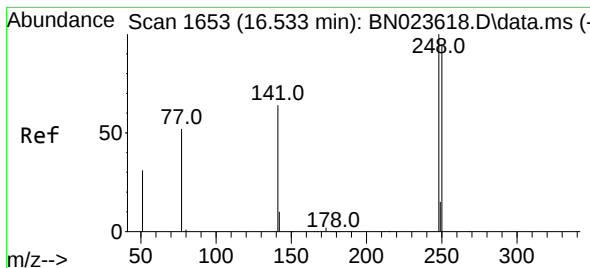


#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.276 ng  
RT: 15.726 min Scan# 1588  
Delta R.T. 0.000 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17



Tgt Ion:198 Resp: 504  
Ion Ratio Lower Upper  
198 100  
51 62.0 44.9 67.3  
105 55.8 37.0 55.4#





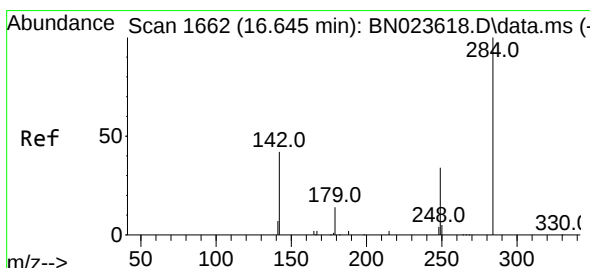
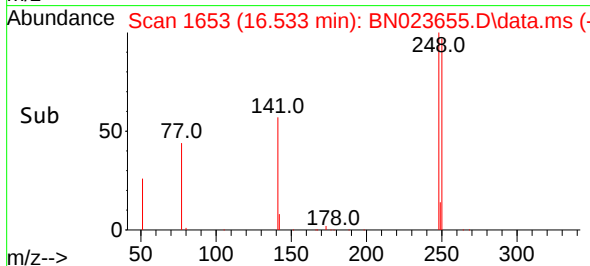
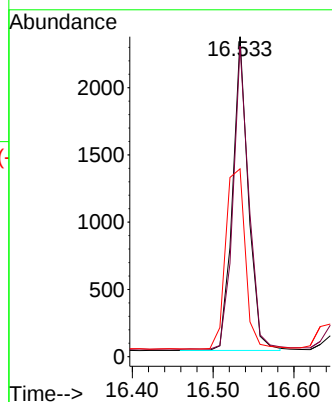
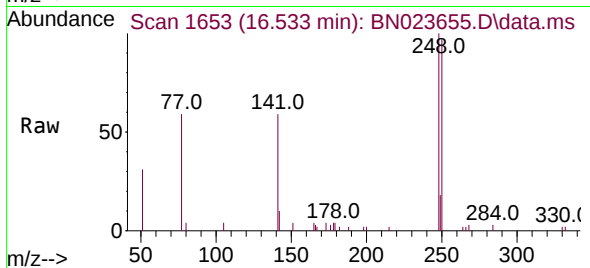
#21  
4-Bromophenyl-phenylether  
Concen: 0.329 ng  
RT: 16.533 min Scan# 1653  
Delta R.T. 0.000 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17

Instrument :  
BNA\_N  
ClientSampleId :  
PB150226BS

Tgt Ion:248 Resp: 3150  
Ion Ratio Lower Upper  
248 100  
250 97.0 76.6 114.8  
141 58.7 52.3 78.5

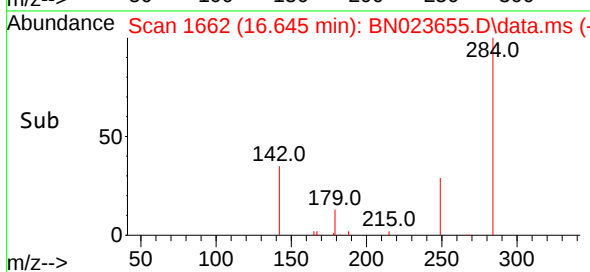
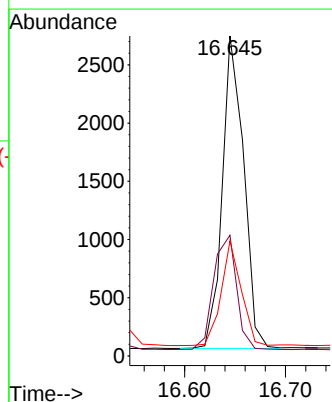
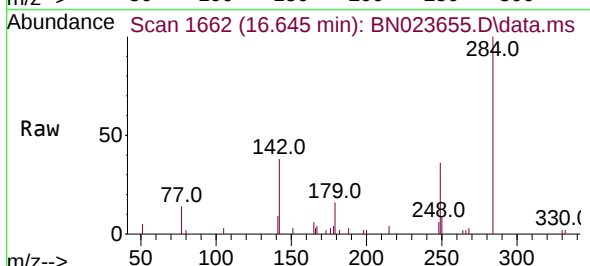
Manual Integrations  
APPROVED

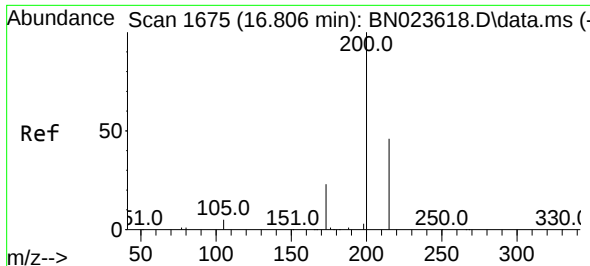
Reviewed By :Christian Giraldo 01/16/2023  
Supervised By :Jagrut Upadhyay 01/16/2023



#22  
Hexachlorobenzene  
Concen: 0.330 ng  
RT: 16.645 min Scan# 1662  
Delta R.T. 0.000 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17

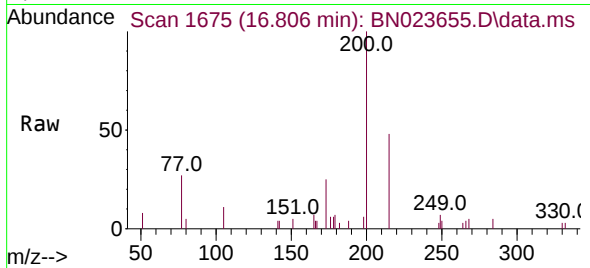
Tgt Ion:284 Resp: 3945  
Ion Ratio Lower Upper  
284 100  
142 39.3 31.4 47.2  
249 31.4 24.9 37.3





#23  
Atrazine  
Concen: 0.318 ng  
RT: 16.806 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17

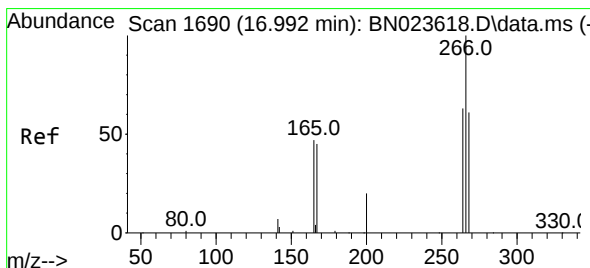
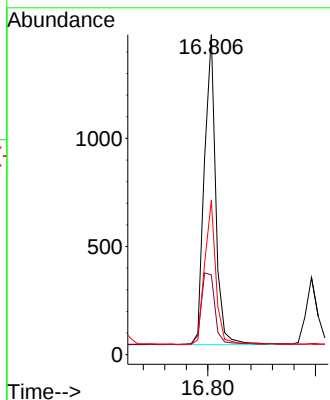
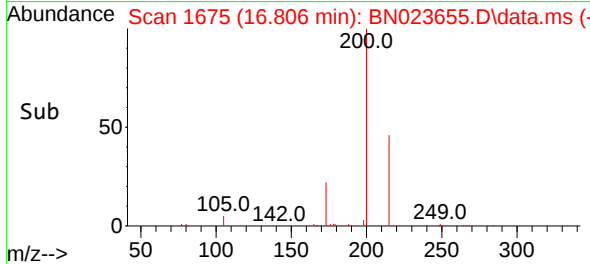
Instrument :  
BNA\_N  
ClientSampleId :  
PB150226BS



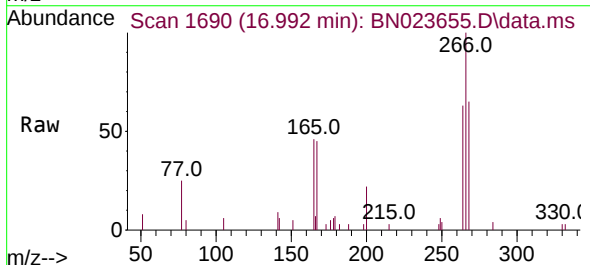
Tgt Ion:200 Resp: 2098  
Ion Ratio Lower Upper  
200 100  
173 24.9 20.4 30.6  
215 48.2 38.1 57.1

Manual Integrations  
APPROVED

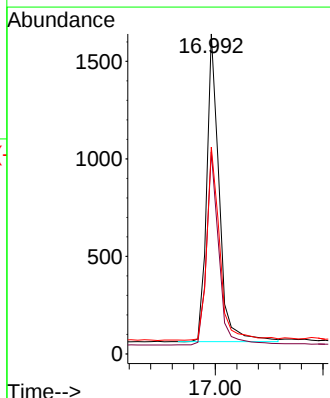
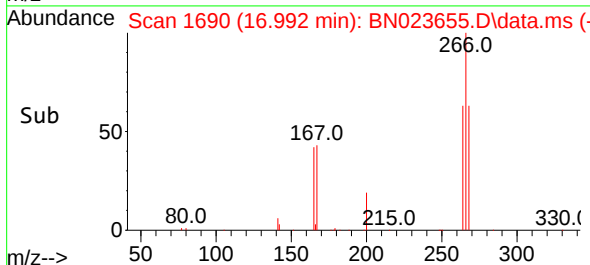
Reviewed By :Christian Giraldo 01/16/2023  
Supervised By :Jagrut Upadhyay 01/16/2023

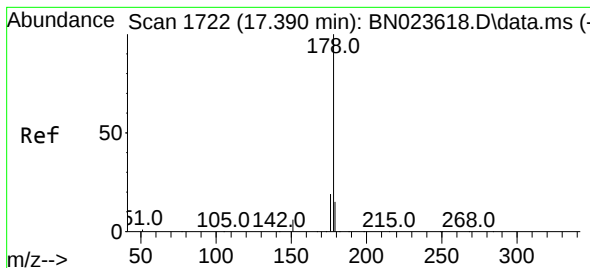


#24  
Pentachlorophenol  
Concen: 0.614 ng  
RT: 16.992 min Scan# 1690  
Delta R.T. 0.000 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17



Tgt Ion:266 Resp: 2540  
Ion Ratio Lower Upper  
266 100  
264 62.4 49.7 74.5  
268 65.5 49.3 73.9





#25

Phenanthrene

Concen: 0.329 ng

RT: 17.390 min Scan# 1722

Delta R.T. 0.000 min

Lab File: BN023655.D

Acq: 13 Jan 2023 14:17

Instrument :

BNA\_N

ClientSampleId :

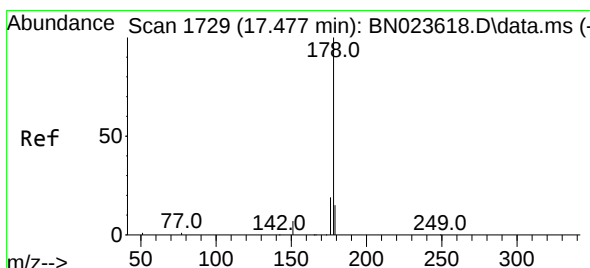
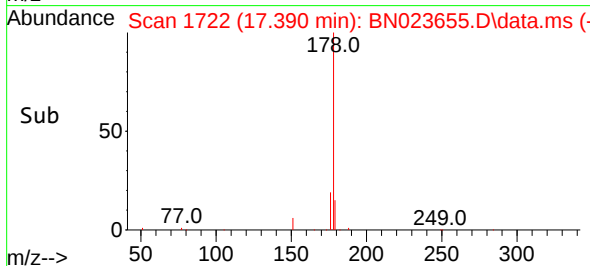
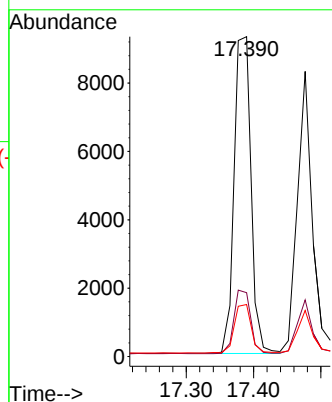
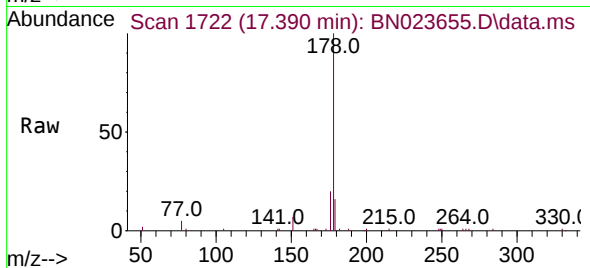
PB150226BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 16154 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 19.7  | 15.9  | 23.9  |
| 179       | 15.3  | 12.5  | 18.7  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/16/2023  
Supervised By :Jagrut Upadhyay 01/16/2023



#26

Anthracene

Concen: 0.328 ng

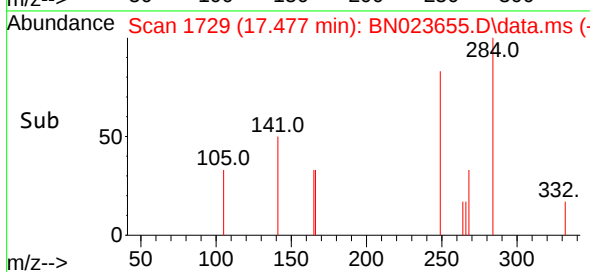
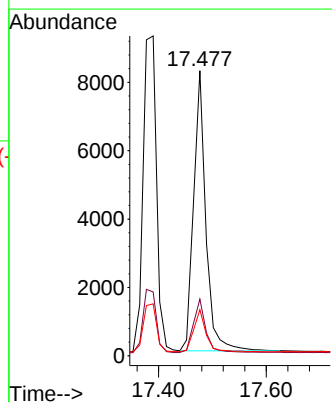
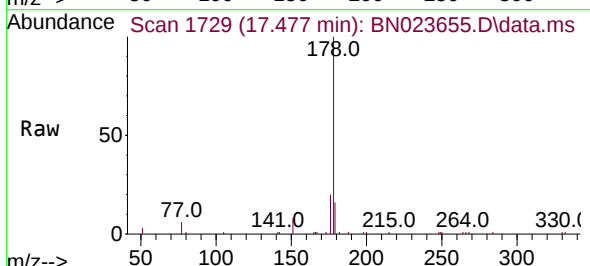
RT: 17.477 min Scan# 1729

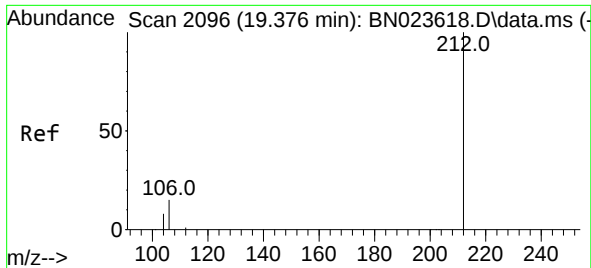
Delta R.T. 0.000 min

Lab File: BN023655.D

Acq: 13 Jan 2023 14:17

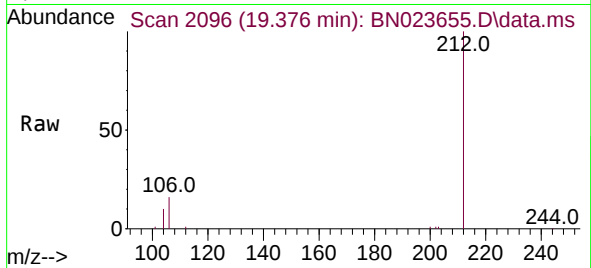
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 12903 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 18.8  | 15.1  | 22.7  |
| 179       | 15.0  | 12.2  | 18.2  |





#27  
Fluoranthene-d10  
Concen: 0.327 ng  
RT: 19.376 min Scan# 2096  
Delta R.T. 0.000 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17

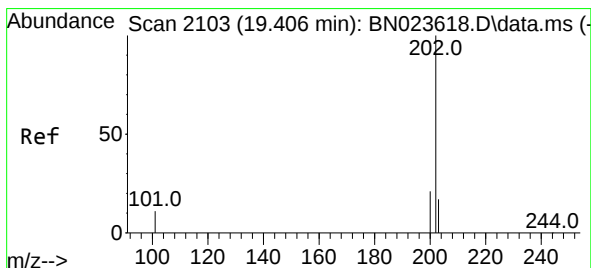
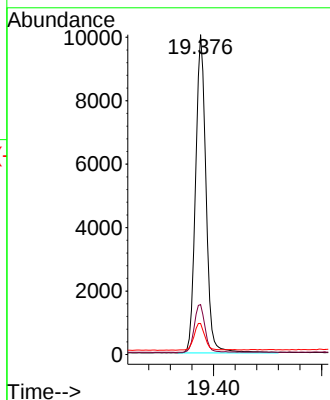
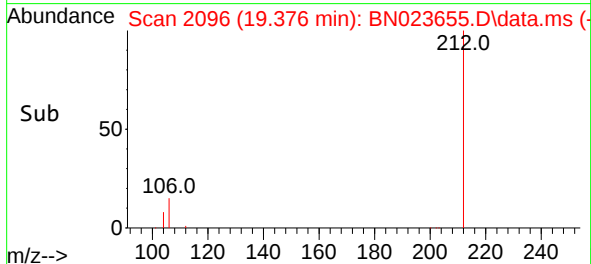
Instrument :  
BNA\_N  
ClientSampleId :  
PB150226BS



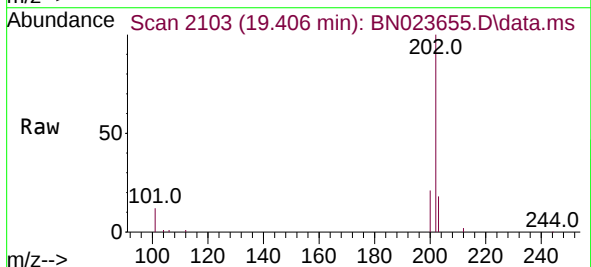
Tgt Ion:212 Resp: 13436  
Ion Ratio Lower Upper  
212 100  
106 15.7 12.2 18.4  
104 8.9 7.1 10.7

Manual Integrations  
APPROVED

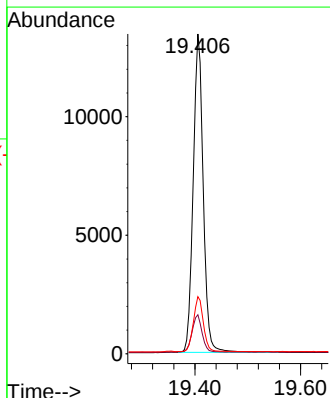
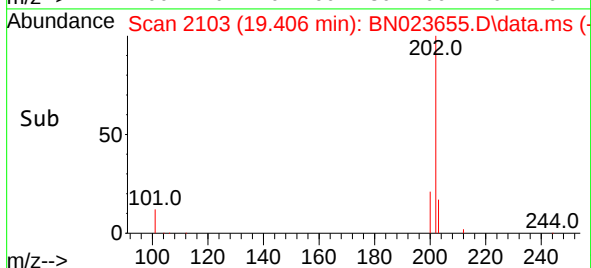
Reviewed By :Christian Giraldo 01/16/2023  
Supervised By :Jagrut Upadhyay 01/16/2023

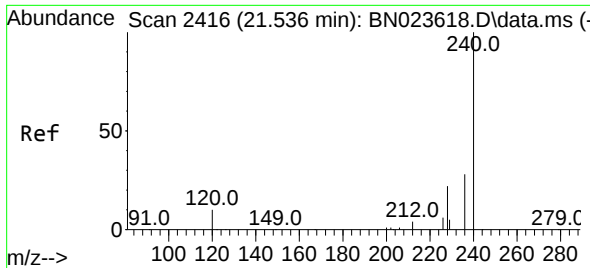


#28  
Fluoranthene  
Concen: 0.316 ng  
RT: 19.406 min Scan# 2103  
Delta R.T. 0.000 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17



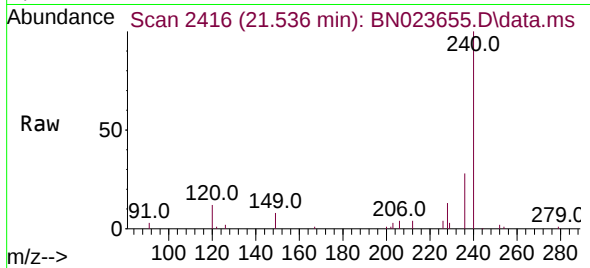
Tgt Ion:202 Resp: 17548  
Ion Ratio Lower Upper  
202 100  
101 12.0 9.7 14.5  
203 17.1 13.8 20.6





#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.536 min Scan# 2416  
Delta R.T. 0.000 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17

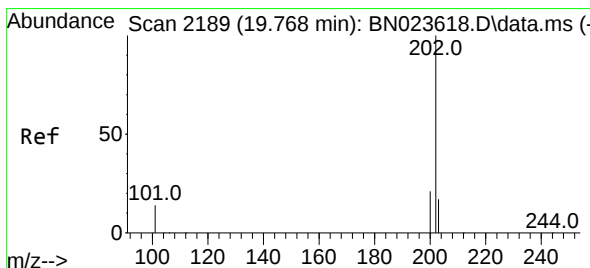
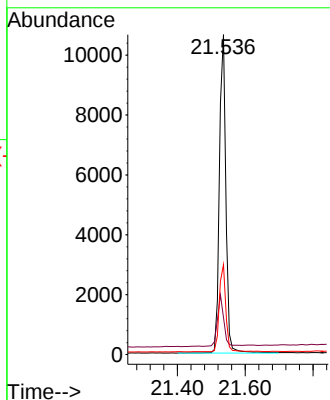
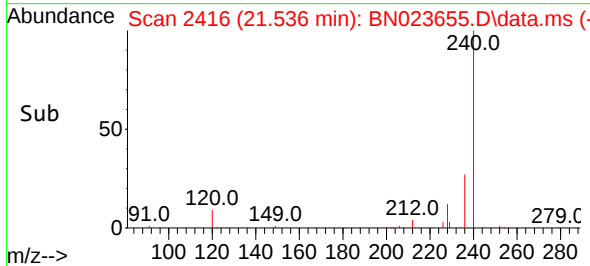
Instrument :  
BNA\_N  
ClientSampleId :  
PB150226BS



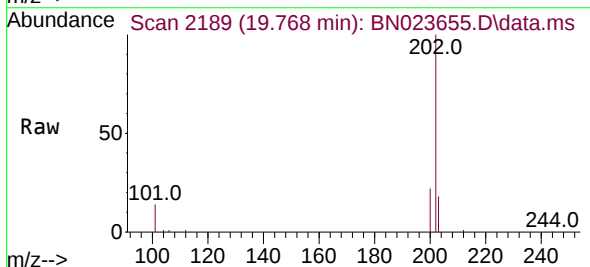
Tgt Ion:240 Resp: 14098  
Ion Ratio Lower Upper  
240 100  
120 11.6 10.6 15.8  
236 28.1 23.0 34.6

Manual Integrations  
APPROVED

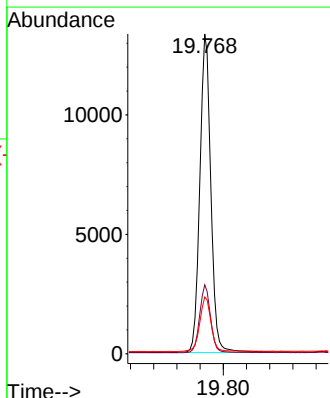
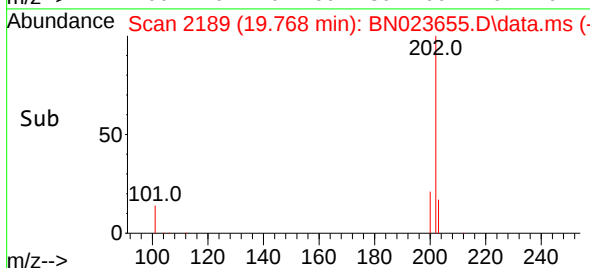
Reviewed By :Christian Giraldo 01/16/2023  
Supervised By :Jagrut Upadhyay 01/16/2023

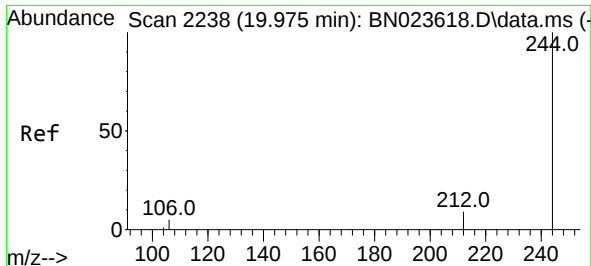


#30  
Pyrene  
Concen: 0.324 ng  
RT: 19.768 min Scan# 2189  
Delta R.T. 0.000 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17



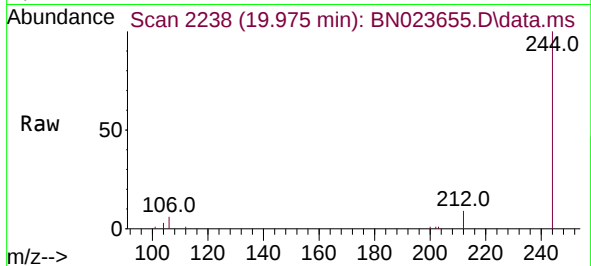
Tgt Ion:202 Resp: 17517  
Ion Ratio Lower Upper  
202 100  
200 21.1 17.0 25.4  
203 17.7 14.2 21.2





#31  
Terphenyl-d14  
Concen: 0.390 ng  
RT: 19.975 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17

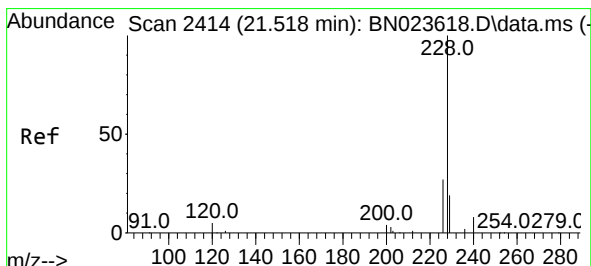
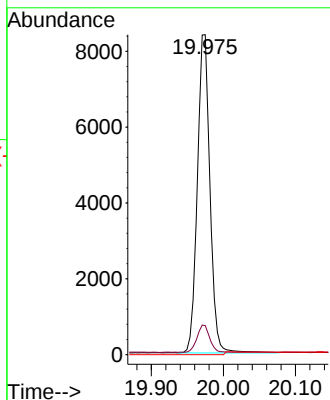
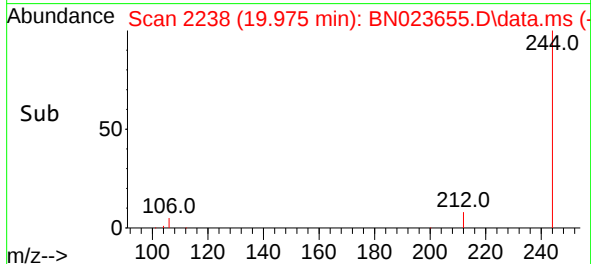
Instrument :  
BNA\_N  
ClientSampleId :  
PB150226BS



Tgt Ion:244 Resp: 13913  
Ion Ratio Lower Upper  
244 100  
212 9.1 7.5 11.3  
122 0.0 0.0 0.0

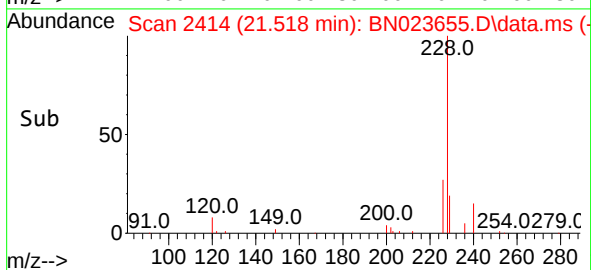
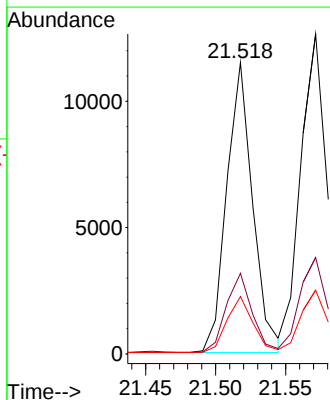
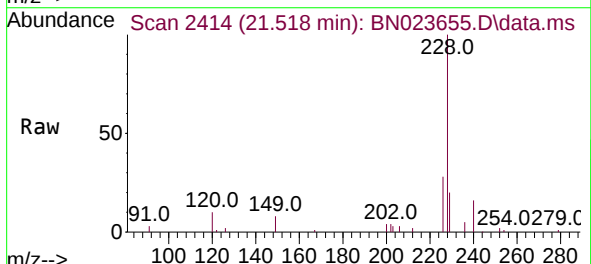
Manual Integrations  
APPROVED

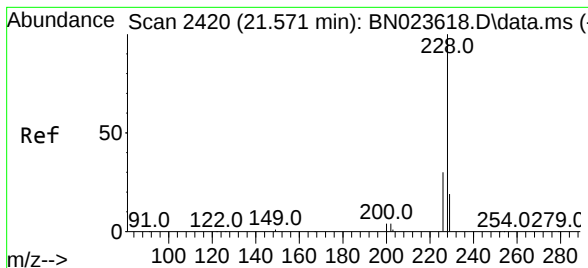
Reviewed By :Christian Giraldo 01/16/2023  
Supervised By :Jagrut Upadhyay 01/16/2023



#32  
Benzo(a)anthracene  
Concen: 0.325 ng  
RT: 21.518 min Scan# 2414  
Delta R.T. 0.000 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17

Tgt Ion:228 Resp: 14832  
Ion Ratio Lower Upper  
228 100  
226 27.7 22.2 33.2  
229 19.7 15.7 23.5





#33

Chrysene

Concen: 0.334 ng

RT: 21.571 min Scan# 2420

Delta R.T. 0.000 min

Lab File: BN023655.D

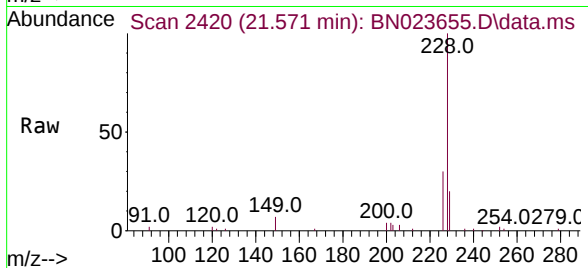
Acq: 13 Jan 2023 14:17

Instrument :

BNA\_N

ClientSampleId :

PB150226BS



Tgt Ion:228 Resp: 16768

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

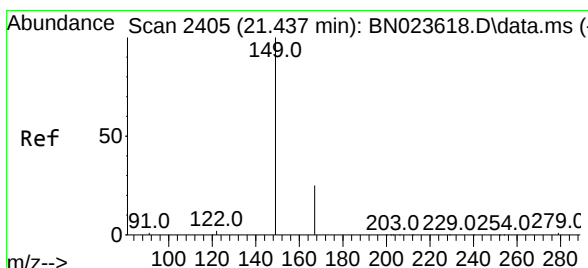
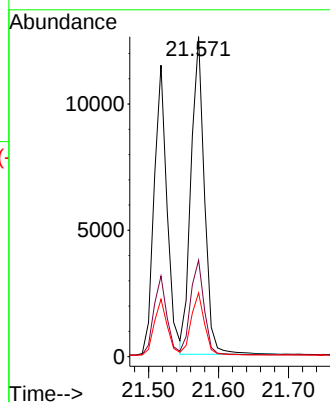
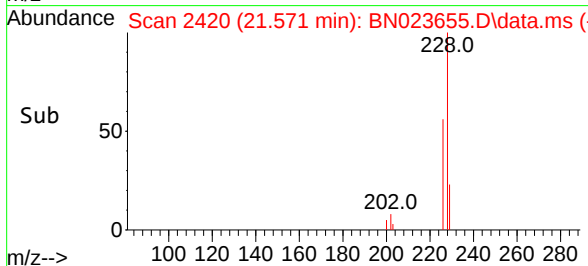
229 19.9 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/16/2023

Supervised By :Jagrut Upadhyay 01/16/2023



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.332 ng

RT: 21.437 min Scan# 2405

Delta R.T. 0.000 min

Lab File: BN023655.D

Acq: 13 Jan 2023 14:17

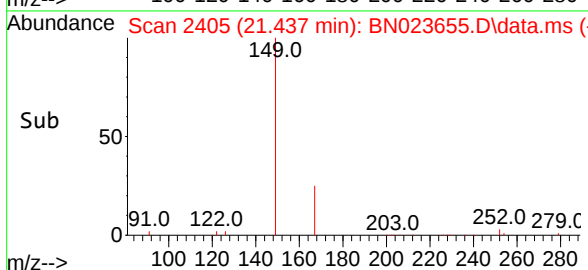
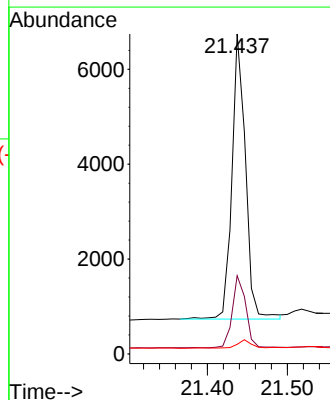
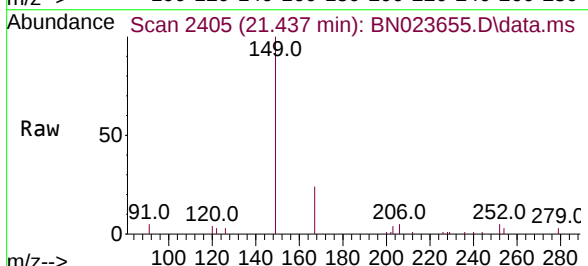
Tgt Ion:149 Resp: 7061

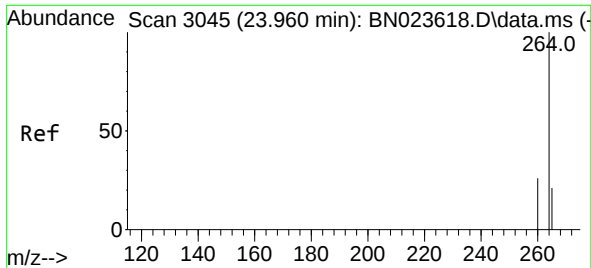
Ion Ratio Lower Upper

149 100

167 25.3 20.6 30.8

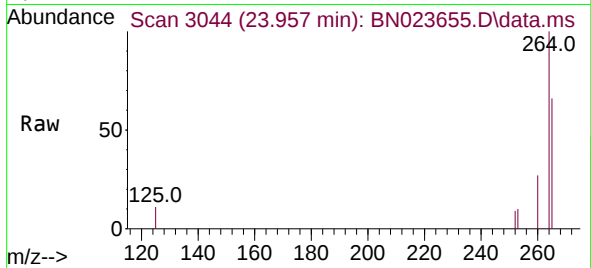
279 2.8 2.6 4.0





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.957 min Scan# 3044  
Delta R.T. -0.003 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17

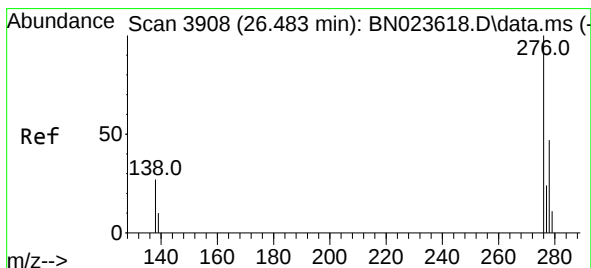
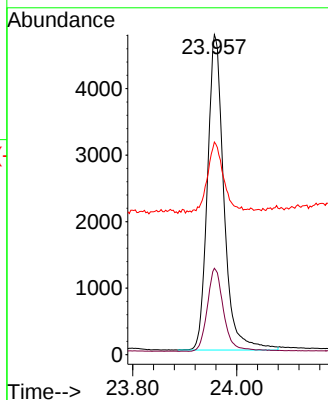
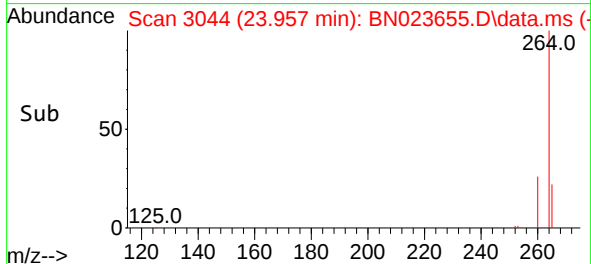
Instrument :  
BNA\_N  
ClientSampleId :  
PB150226BS



Tgt Ion:264 Resp: 10439  
Ion Ratio Lower Upper  
264 100  
260 27.0 21.4 32.2  
265 66.4 56.6 85.0

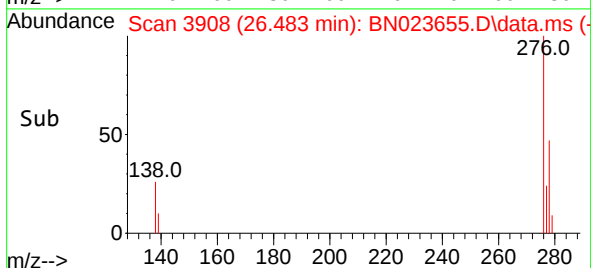
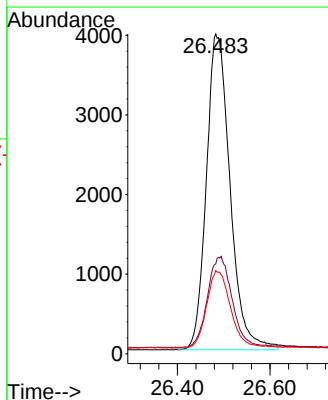
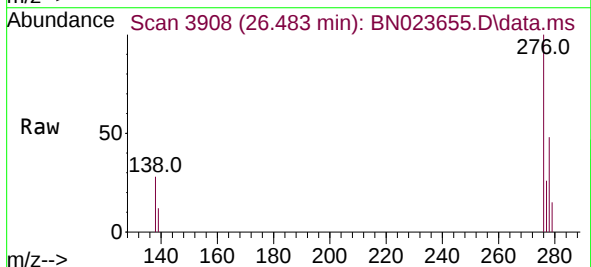
Manual Integrations  
APPROVED

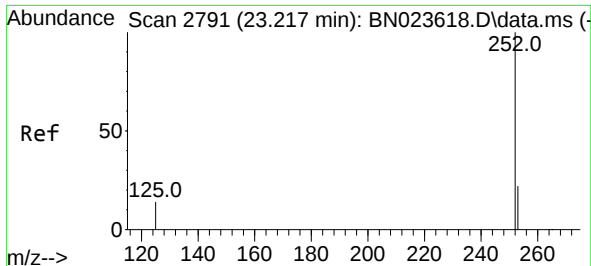
Reviewed By :Christian Giraldo 01/16/2023  
Supervised By :Jagrut Upadhyay 01/16/2023



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.301 ng  
RT: 26.483 min Scan# 3908  
Delta R.T. 0.000 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17

Tgt Ion:276 Resp: 14114  
Ion Ratio Lower Upper  
276 100  
138 29.8 23.8 35.8  
277 24.6 19.8 29.6





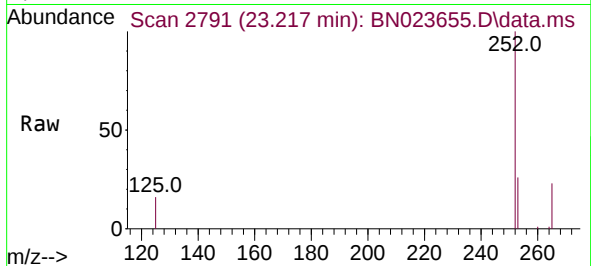
#37  
Benzo(b)fluoranthene  
Concen: 0.349 ng  
RT: 23.217 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17

Instrument :

BNA\_N

ClientSampleId :

PB150226BS

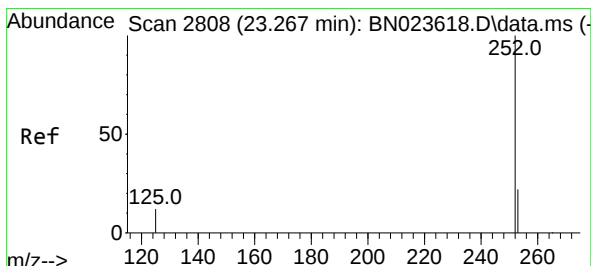
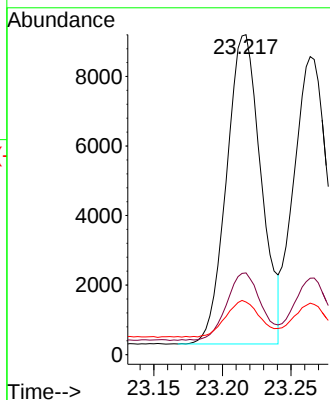
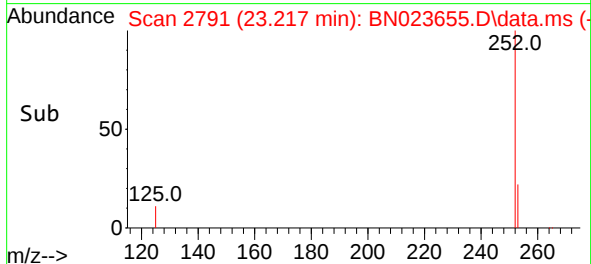


Tgt Ion:252 Resp: 15576  
Ion Ratio Lower Upper  
252 100  
253 25.5 20.0 30.0  
125 16.4 14.4 21.6

Manual Integrations

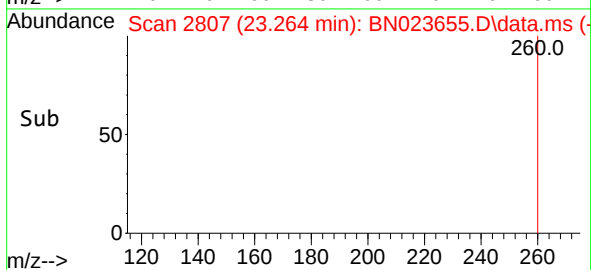
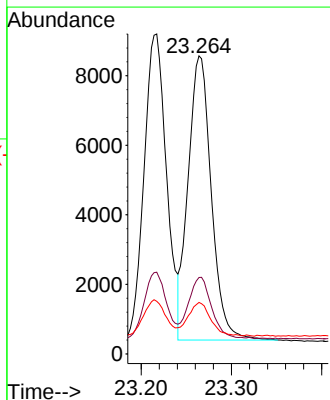
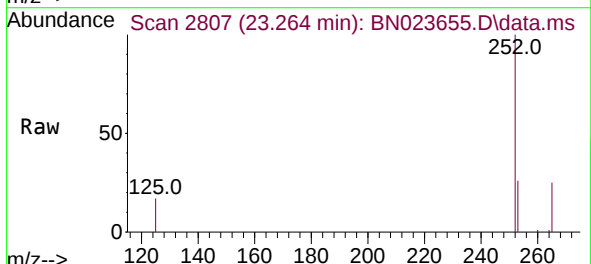
APPROVED

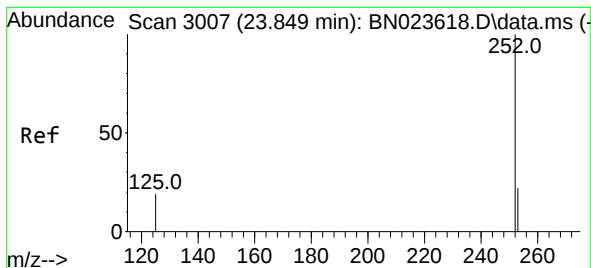
Reviewed By :Christian Giraldo 01/16/2023  
Supervised By :Jagrut Upadhyay 01/16/2023



#38  
Benzo(k)fluoranthene  
Concen: 0.336 ng  
RT: 23.264 min Scan# 2807  
Delta R.T. -0.003 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17

Tgt Ion:252 Resp: 14580  
Ion Ratio Lower Upper  
252 100  
253 25.6 20.2 30.2  
125 17.3 13.0 19.4





#39

Benzo(a)pyrene

Concen: 0.335 ng

RT: 23.852 min Scan# 3008

Delta R.T. 0.003 min

Lab File: BN023655.D

Acq: 13 Jan 2023 14:17

Instrument :

BNA\_N

ClientSampleId :

PB150226BS

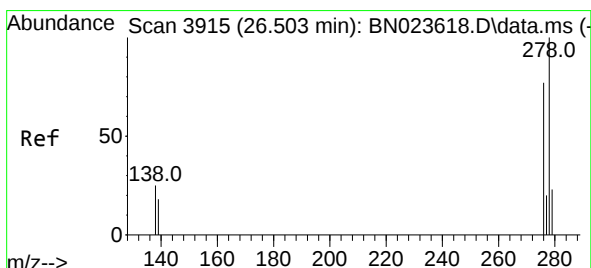
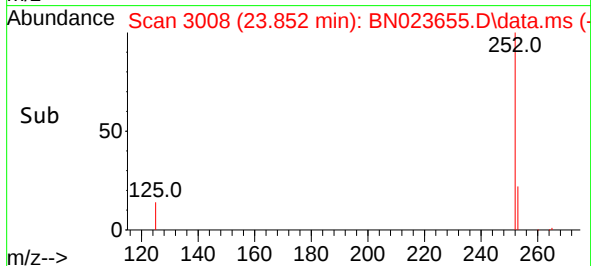
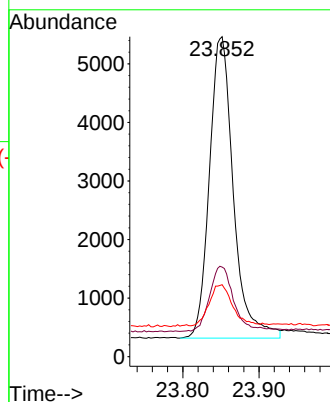
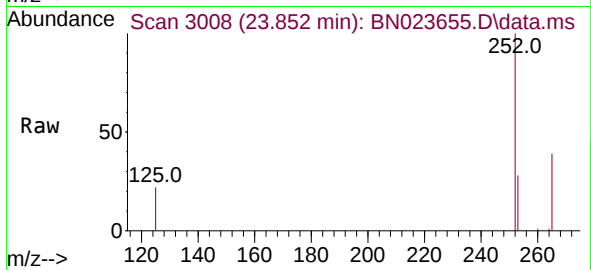
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 11248 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 28.0  | 22.3  | 33.5  |
| 125       | 22.5  | 21.2  | 31.8  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/16/2023

Supervised By :Jagrut Upadhyay 01/16/2023



#40

Dibenzo(a,h)anthracene

Concen: 0.322 ng

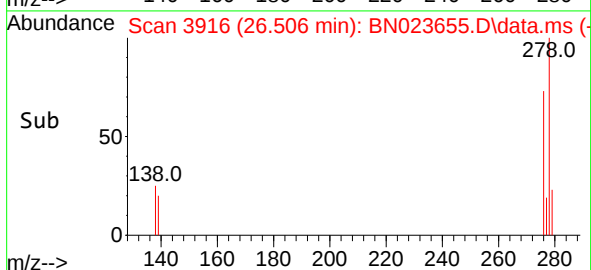
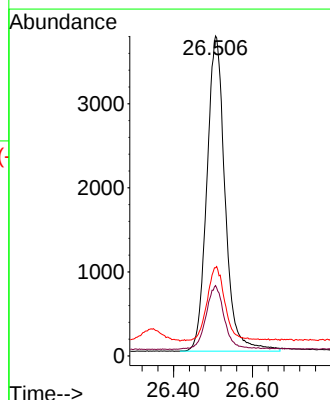
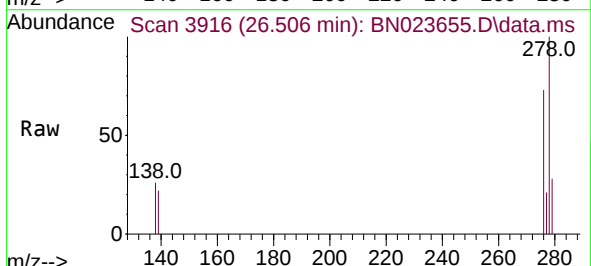
RT: 26.506 min Scan# 3916

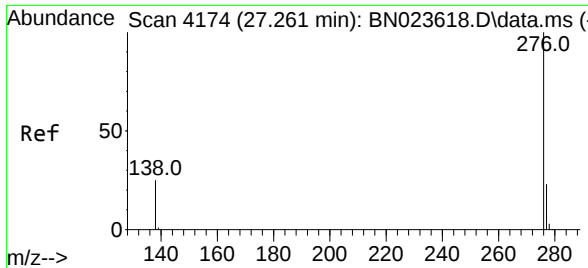
Delta R.T. 0.003 min

Lab File: BN023655.D

Acq: 13 Jan 2023 14:17

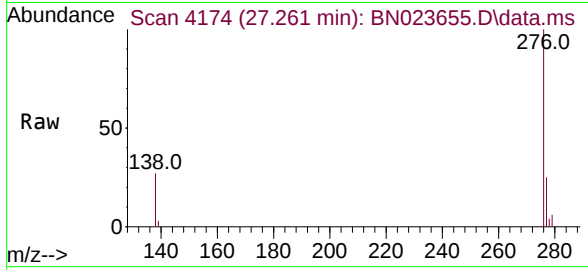
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 12053 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 22.0  | 16.8  | 25.2  |
| 279       | 27.5  | 21.5  | 32.3  |





#41  
Benzo(g,h,i)perylene  
Concen: 0.338 ng  
RT: 27.261 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: BN023655.D  
Acq: 13 Jan 2023 14:17

Instrument :  
BNA\_N  
ClientSampleId :  
PB150226BS



Tgt Ion:276 Resp: 12963  
Ion Ratio Lower Upper  
276 100  
277 24.7 19.6 29.4  
138 27.0 21.5 32.3

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 01/16/2023  
Supervised By :Jagrut Upadhyay 01/16/2023

