

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061325\  
 Data File : BN037225.D  
 Acq On : 13 Jun 2025 13:33  
 Operator : RC/JU  
 Sample : SSTDICC0.1  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC0.1

Manual Integrations  
 APPROVED

Reviewed By :Anahy Claudio 06/16/2025  
 Supervised By :Jagrut Upadhyay 06/16/2025

Quant Time: Jun 13 18:36:23 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN061325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 13 18:34:15 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.575  | 152  | 859      | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.362 | 136  | 2097     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.224 | 164  | 1114     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 16.984 | 188  | 1916     | 0.400 | ng    | 0.01     |
| 29) Chrysene-d12              | 21.180 | 240  | 1546     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.368 | 264  | 1617     | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.170  | 112  | 224      | 0.106 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.759  | 99   | 188      | 0.085 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.739  | 82   | 192      | 0.093 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 11.960 | 152  | 260      | 0.092 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.730 | 330  | 35       | 0.076 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.853 | 172  | 436      | 0.093 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.021 | 212  | 486      | 0.097 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.635 | 244  | 315      | 0.090 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 6) bis(2-Chloroethyl)ether    | 7.012  | 93   | 165      | 0.083 | ng    | 85       |
| 9) Naphthalene                | 10.404 | 128  | 622      | 0.102 | ng    | # 77     |
| 10) Hexachlorobutadiene       | 10.693 | 225  | 157      | 0.106 | ng    | # 95     |
| 12) 2-Methylnaphthalene       | 12.036 | 142  | 331      | 0.090 | ng    | # 93     |
| 16) Acenaphthylene            | 13.946 | 152  | 531      | 0.097 | ng    | 95       |
| 17) Acenaphthene              | 14.288 | 154  | 346      | 0.098 | ng    | 96       |
| 18) Fluorene                  | 15.282 | 166  | 430      | 0.095 | ng    | 100      |
| 21) 4-Bromophenyl-phenylether | 16.177 | 248  | 119      | 0.095 | ng    | 91       |
| 22) Hexachlorobenzene         | 16.289 | 284  | 164      | 0.113 | ng    | 96       |
| 23) Atrazine                  | 16.462 | 200  | 107      | 0.096 | ng    | # 63     |
| 25) Phenanthrene              | 17.021 | 178  | 600      | 0.099 | ng    | 100      |
| 26) Anthracene                | 17.120 | 178  | 524      | 0.094 | ng    | 100      |
| 28) Fluoranthene              | 19.049 | 202  | 704      | 0.099 | ng    | 99       |
| 30) Pyrene                    | 19.412 | 202  | 715      | 0.098 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.162 | 228  | 454      | 0.087 | ng    | # 79     |
| 33) Chrysene                  | 21.215 | 228  | 689      | 0.106 | ng    | # 85     |
| 36) Indeno(1,2,3-cd)pyrene    | 25.570 | 276  | 609      | 0.093 | ng    | # 74     |
| 37) Benzo(b)fluoranthene      | 22.719 | 252  | 529      | 0.089 | ng    | # 41     |
| 38) Benzo(k)fluoranthene      | 22.760 | 252  | 742m     | 0.109 | ng    |          |
| 39) Benzo(a)pyrene            | 23.284 | 252  | 514      | 0.097 | ng    | # 23     |
| 40) Dibenzo(a,h)anthracene    | 25.590 | 278  | 447m     | 0.091 | ng    |          |
| 41) Benzo(g,h,i)perylene      | 26.228 | 276  | 608      | 0.101 | ng    | # 64     |
| -----                         |        |      |          |       |       |          |

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

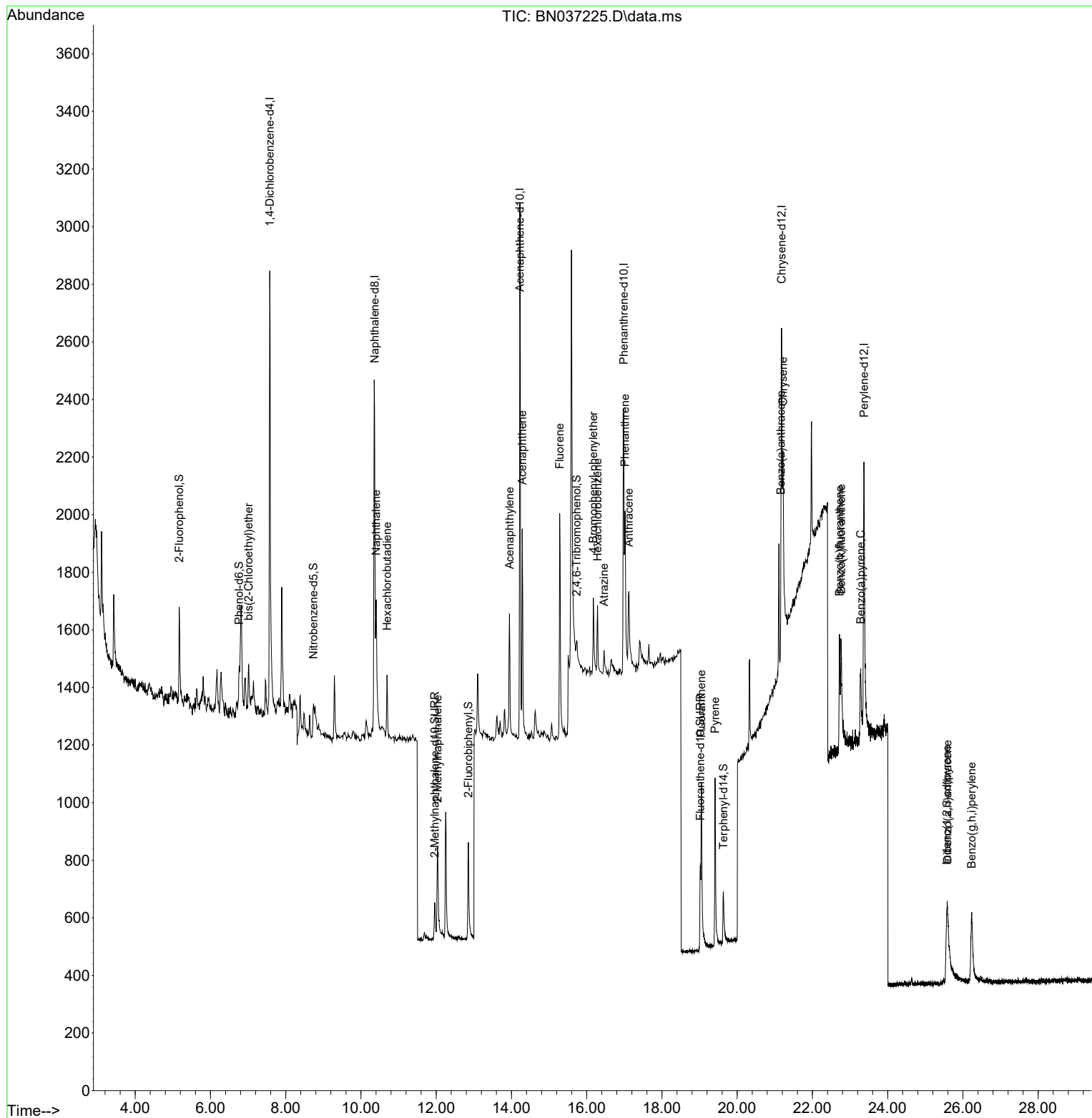
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061325\  
Data File : BN037225.D  
Acq On : 13 Jun 2025 13:33  
Operator : RC/JU  
Sample : SSTDICC0.1  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

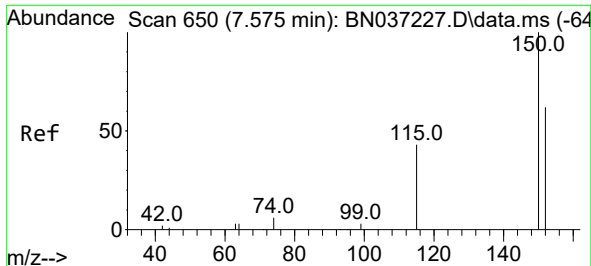
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1

Quant Time: Jun 13 18:36:23 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN061325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 13 18:34:15 2025  
Response via : Initial Calibration

Manual Integrations  
APPROVED

Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025





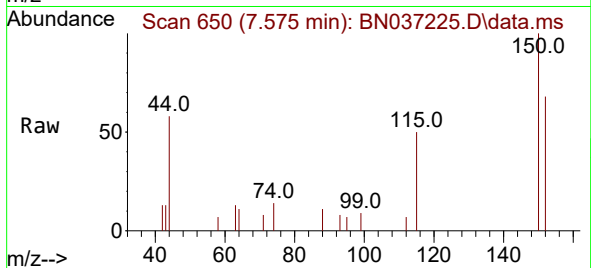
#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.575 min Scan# 612  
Delta R.T. -0.000 min  
Lab File: BN037225.D  
Acq: 13 Jun 2025 13:33

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.1

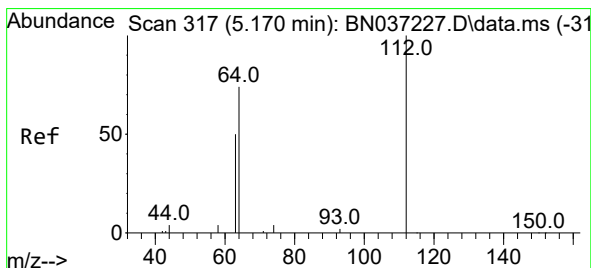
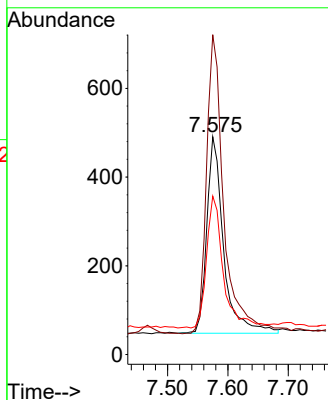
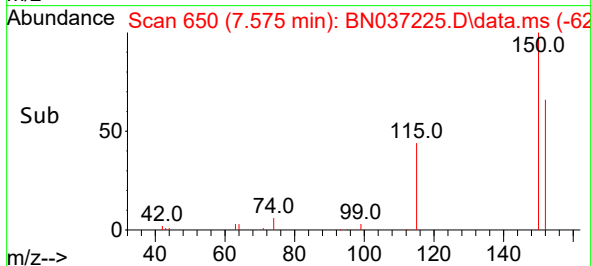


Tgt Ion:152 Resp: 859  
Ion Ratio Lower Upper  
152 100  
150 146.8 125.2 187.8  
115 72.7 58.4 87.6

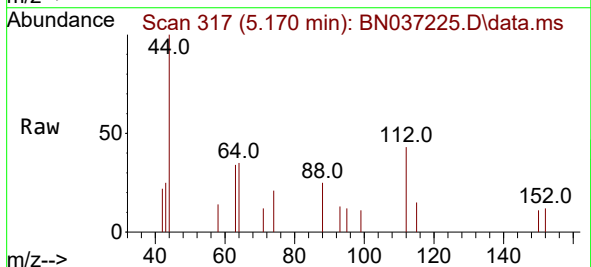
Manual Integrations

APPROVED

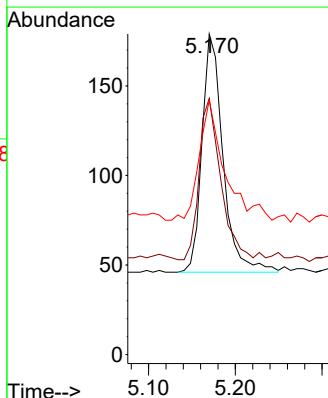
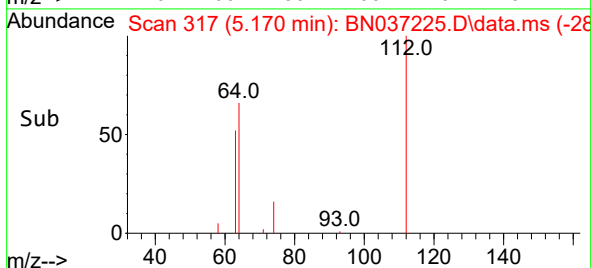
Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025

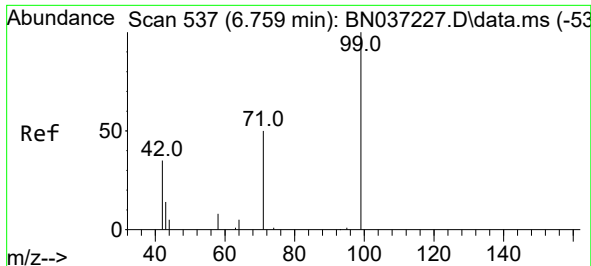


#4  
2-Fluorophenol  
Concen: 0.106 ng  
RT: 5.170 min Scan# 317  
Delta R.T. 0.000 min  
Lab File: BN037225.D  
Acq: 13 Jun 2025 13:33



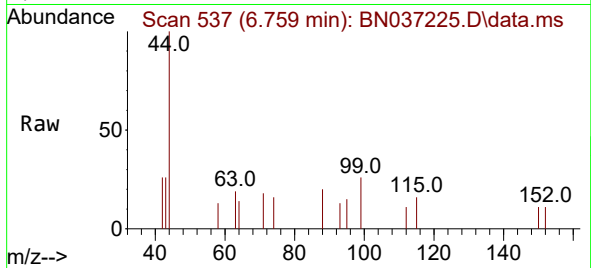
Tgt Ion:112 Resp: 224  
Ion Ratio Lower Upper  
112 100  
64 69.2 57.2 85.8  
63 65.6 39.8 59.6#





#5  
Phenol-d6  
Concen: 0.085 ng  
RT: 6.759 min Scan# 537  
Delta R.T. 0.000 min  
Lab File: BN037225.D  
Acq: 13 Jun 2025 13:33

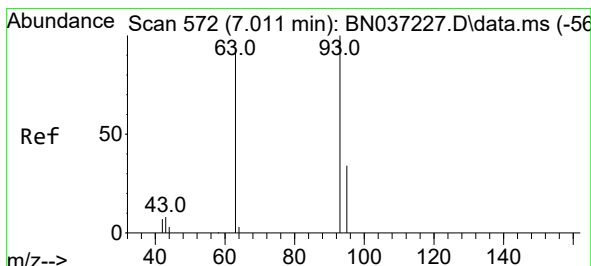
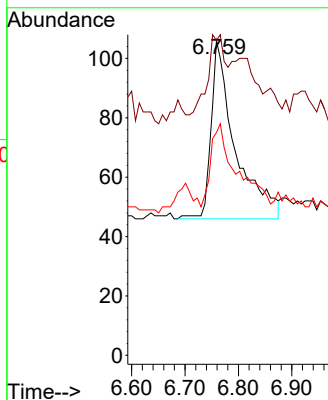
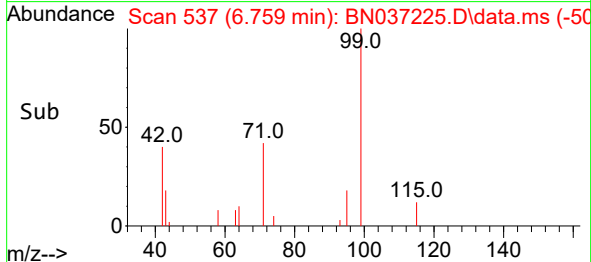
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1



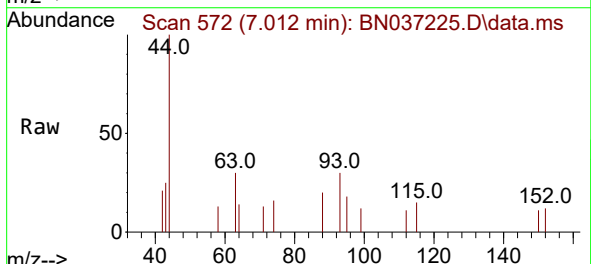
Tgt Ion: 99 Resp: 188  
Ion Ratio Lower Upper  
99 100  
42 33.0 36.2 54.4  
71 51.1 42.4 63.6

Manual Integrations  
APPROVED

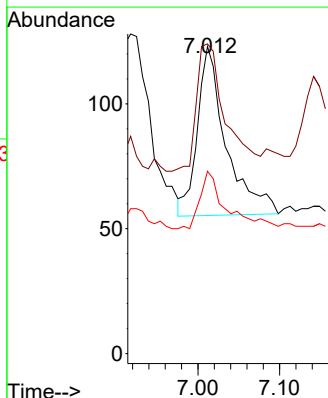
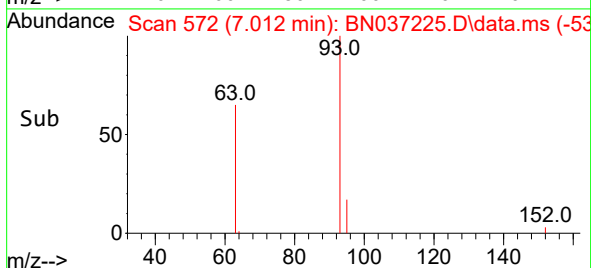
Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025

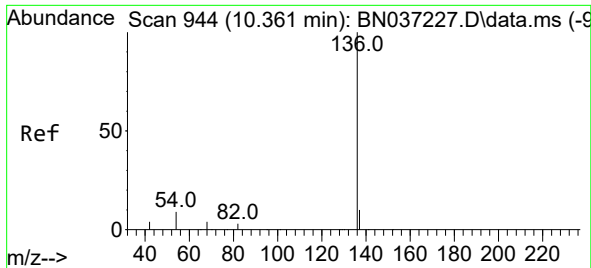


#6  
bis(2-Chloroethyl)ether  
Concen: 0.083 ng  
RT: 7.012 min Scan# 572  
Delta R.T. 0.000 min  
Lab File: BN037225.D  
Acq: 13 Jun 2025 13:33



Tgt Ion: 93 Resp: 165  
Ion Ratio Lower Upper  
93 100  
63 76.4 75.2 112.8  
95 30.9 28.3 42.5





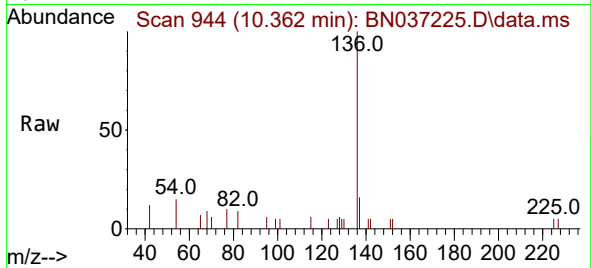
#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.362 min Scan# 944  
Delta R.T. 0.000 min  
Lab File: BN037225.D  
Acq: 13 Jun 2025 13:33

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.1

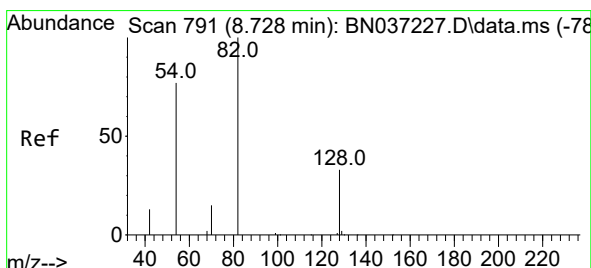
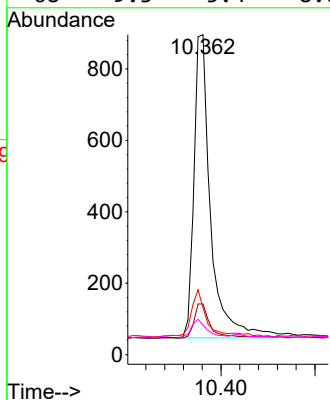
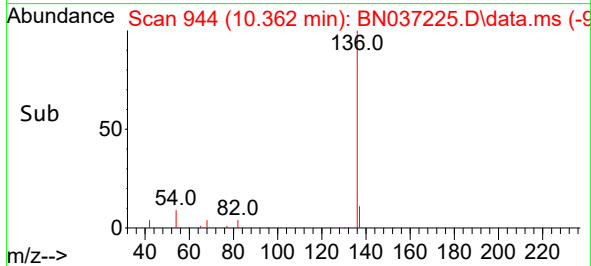


Tgt Ion:136 Resp: 209  
Ion Ratio Lower Upper  
136 100  
137 15.8 10.6 15.8  
54 14.6 9.2 13.8  
68 9.3 5.4 8.0#

Manual Integrations

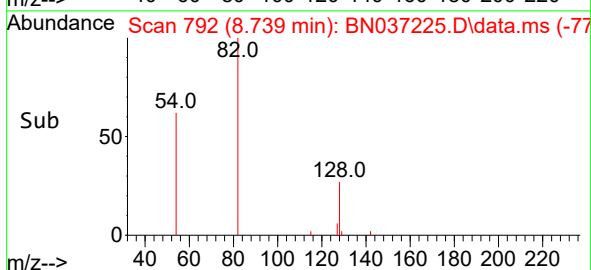
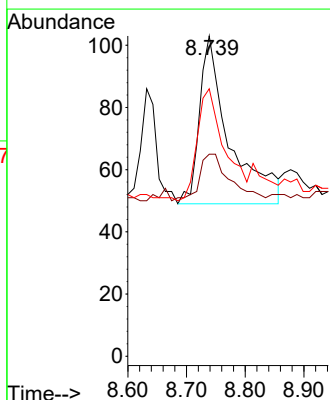
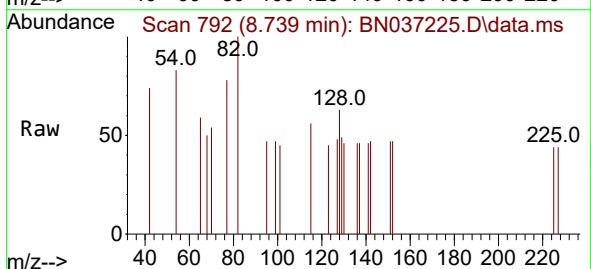
APPROVED

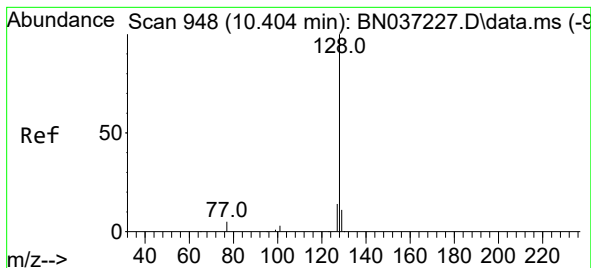
Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025



#8  
Nitrobenzene-d5  
Concen: 0.093 ng  
RT: 8.739 min Scan# 792  
Delta R.T. 0.011 min  
Lab File: BN037225.D  
Acq: 13 Jun 2025 13:33

Tgt Ion: 82 Resp: 192  
Ion Ratio Lower Upper  
82 100  
128 63.1 31.2 46.8#  
54 83.5 63.3 94.9





#9

Naphthalene

Concen: 0.102 ng

RT: 10.404 min Scan# 948

Delta R.T. 0.000 min

Lab File: BN037225.D

Acq: 13 Jun 2025 13:33

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.1

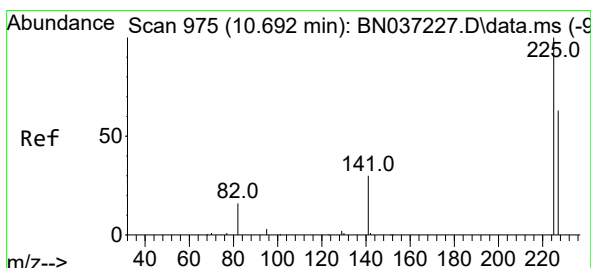
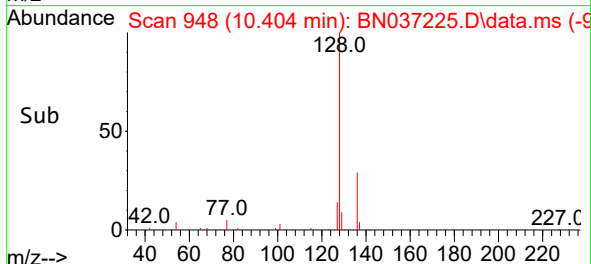
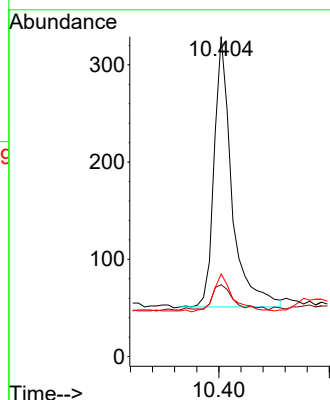
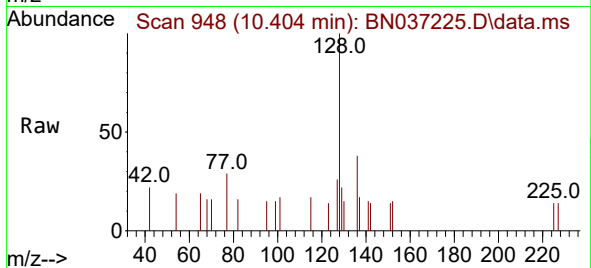
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 128   | Resp: | 62   |
| Ion Ratio | Lower | Upper |      |
| 128       | 100   |       |      |
| 129       | 22.5  | 10.7  | 16.1 |
| 127       | 25.8  | 12.6  | 19.0 |

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/16/2025

Supervised By :Jagrut Upadhyay 06/16/2025



#10

Hexachlorobutadiene

Concen: 0.106 ng

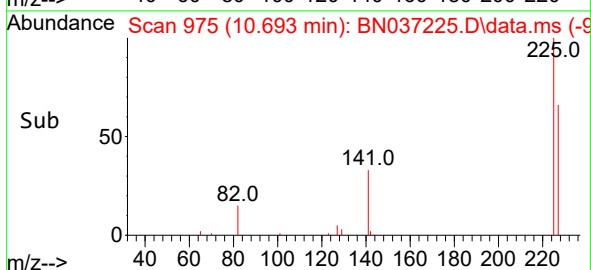
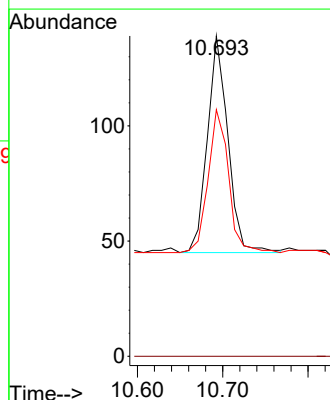
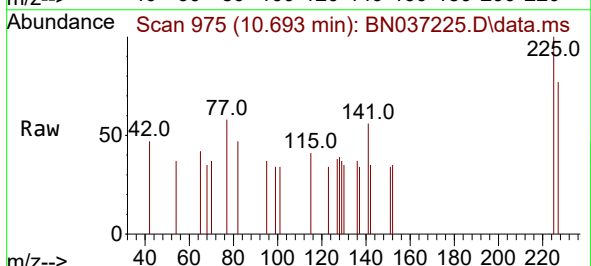
RT: 10.693 min Scan# 975

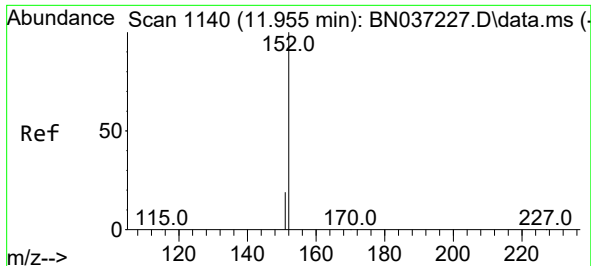
Delta R.T. 0.000 min

Lab File: BN037225.D

Acq: 13 Jun 2025 13:33

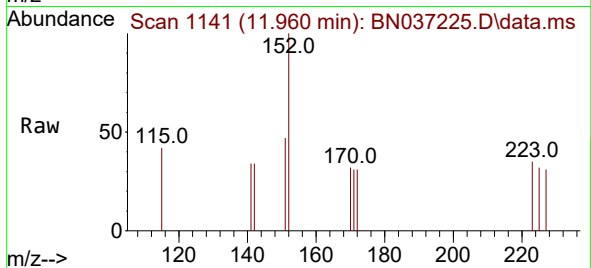
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 157  |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 0.0   | 0.0   | 0.0  |
| 227       | 65.6  | 49.2  | 73.8 |





#11  
2-Methylnaphthalene-d10  
Concen: 0.092 ng  
RT: 11.960 min Scan# 1141  
Delta R.T. 0.005 min  
Lab File: BN037225.D  
Acq: 13 Jun 2025 13:33

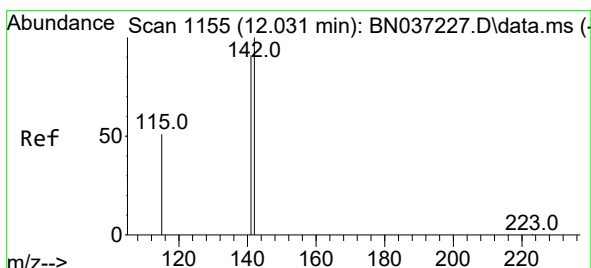
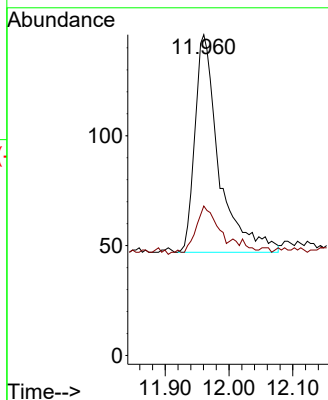
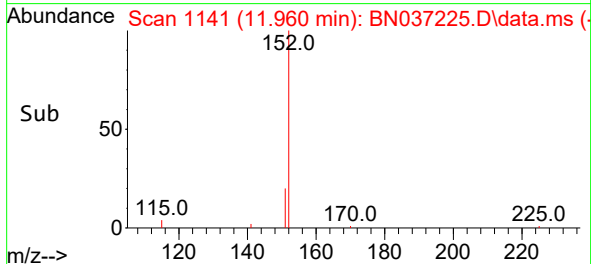
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1



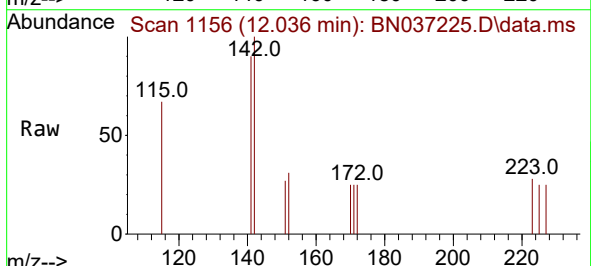
Tgt Ion:152 Resp: 260  
Ion Ratio Lower Upper  
152 100  
151 20.8 17.9 26.9

Manual Integrations  
APPROVED

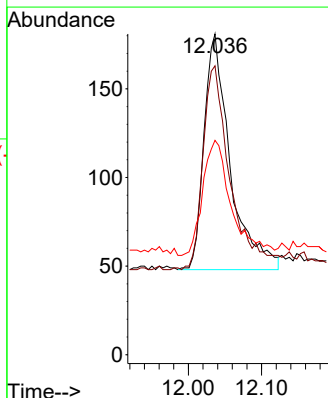
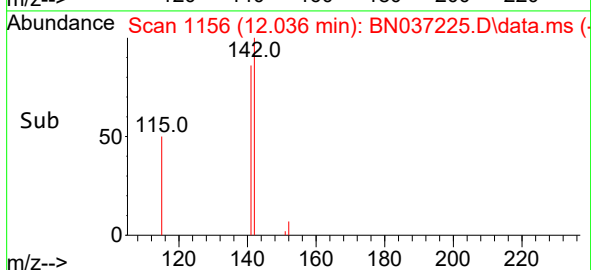
Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025

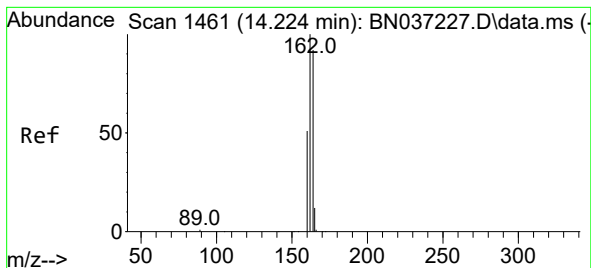


#12  
2-Methylnaphthalene  
Concen: 0.090 ng  
RT: 12.036 min Scan# 1156  
Delta R.T. 0.005 min  
Lab File: BN037225.D  
Acq: 13 Jun 2025 13:33



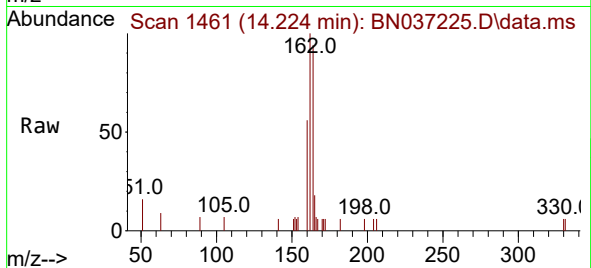
Tgt Ion:142 Resp: 331  
Ion Ratio Lower Upper  
142 100  
141 90.1 73.0 109.6  
115 66.9 43.3 64.9#





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.224 min Scan# 1461  
Delta R.T. 0.000 min  
Lab File: BN037225.D  
Acq: 13 Jun 2025 13:33

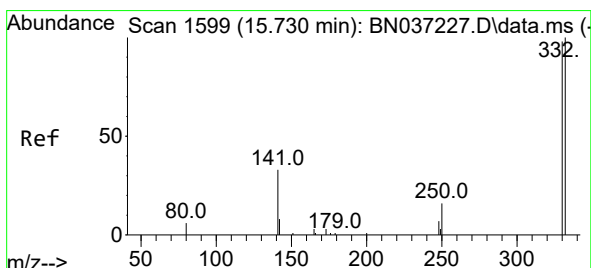
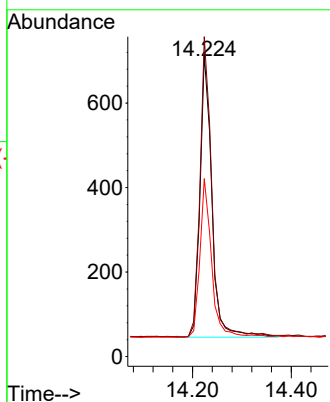
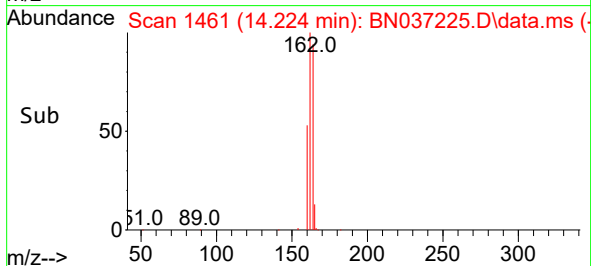
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1



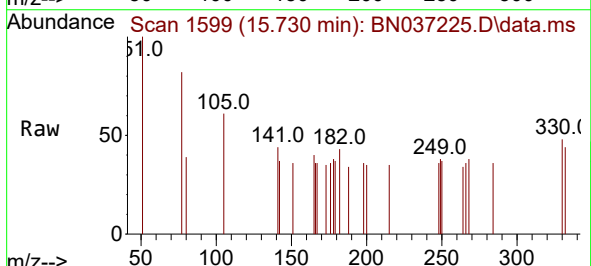
Tgt Ion:164 Resp: 1114  
Ion Ratio Lower Upper  
164 100  
162 106.2 86.7 130.1  
160 59.0 45.8 68.6

Manual Integrations  
APPROVED

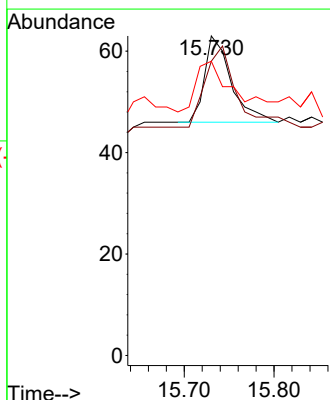
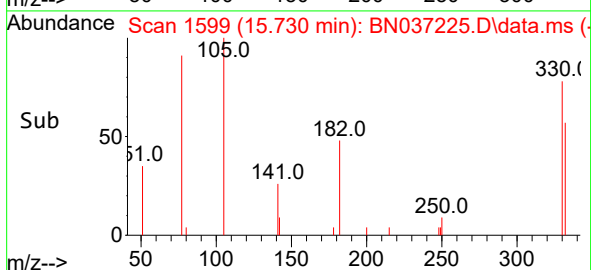
Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025

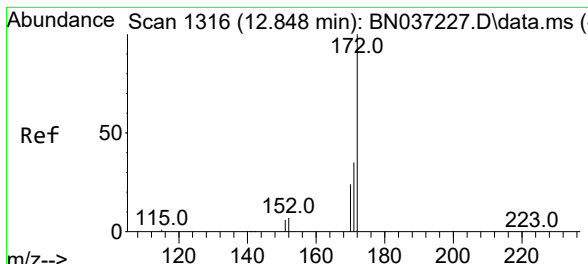


#14  
2,4,6-Tribromophenol  
Concen: 0.076 ng  
RT: 15.730 min Scan# 1599  
Delta R.T. 0.000 min  
Lab File: BN037225.D  
Acq: 13 Jun 2025 13:33



Tgt Ion:330 Resp: 35  
Ion Ratio Lower Upper  
330 100  
332 111.4 74.9 112.3  
141 82.9 45.1 67.7#





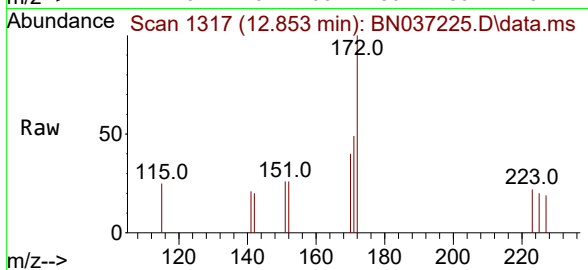
#15  
2-Fluorobiphenyl  
Concen: 0.093 ng  
RT: 12.853 min Scan# 1317  
Delta R.T. 0.005 min  
Lab File: BN037225.D  
Acq: 13 Jun 2025 13:33

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.1

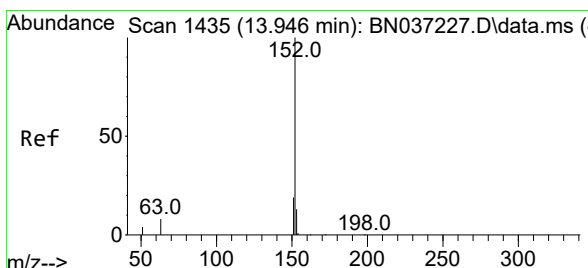
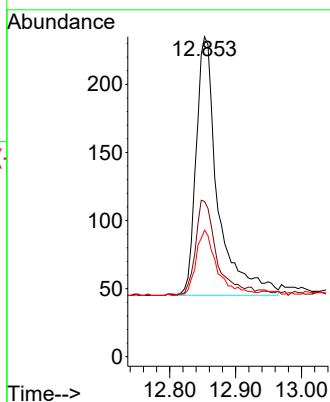
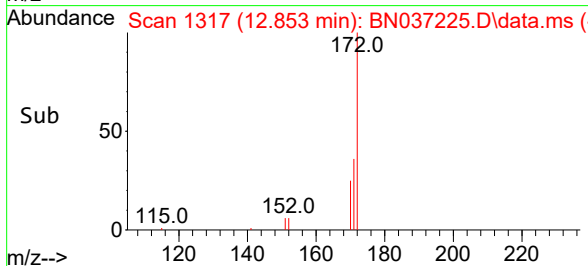


Tgt Ion:172 Resp: 430  
Ion Ratio Lower Upper  
172 100  
171 48.5 29.8 44.8  
170 39.6 21.1 31.7

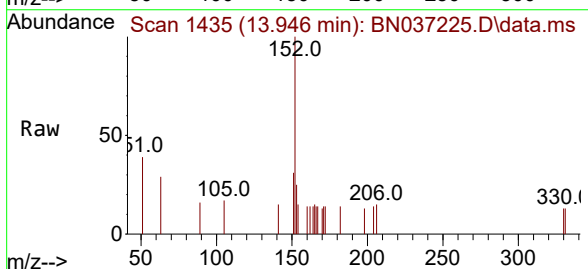
Manual Integrations

APPROVED

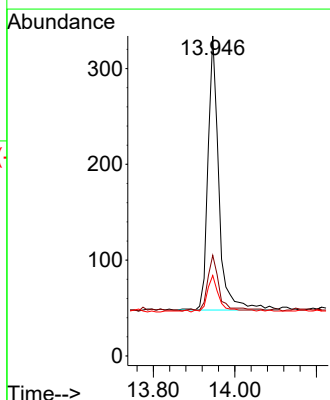
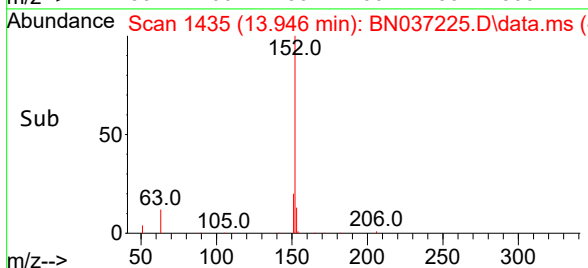
Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025

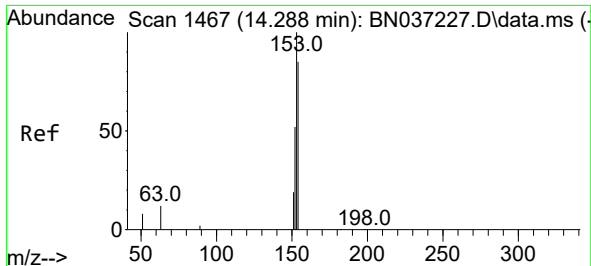


#16  
Acenaphthylene  
Concen: 0.097 ng  
RT: 13.946 min Scan# 1435  
Delta R.T. 0.000 min  
Lab File: BN037225.D  
Acq: 13 Jun 2025 13:33



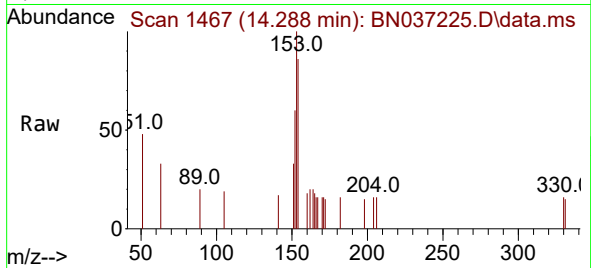
Tgt Ion:152 Resp: 531  
Ion Ratio Lower Upper  
152 100  
151 22.4 15.7 23.5  
153 14.9 10.7 16.1





#17  
Acenaphthene  
Concen: 0.098 ng  
RT: 14.288 min Scan# 1467  
Delta R.T. 0.000 min  
Lab File: BN037225.D  
Acq: 13 Jun 2025 13:33

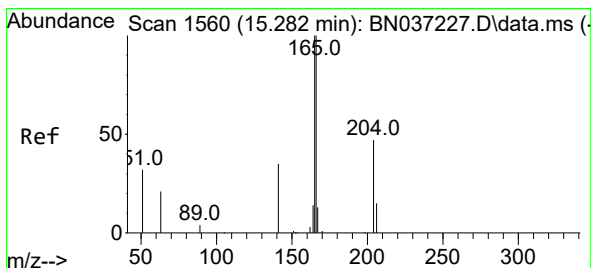
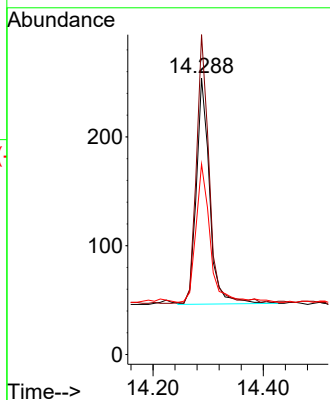
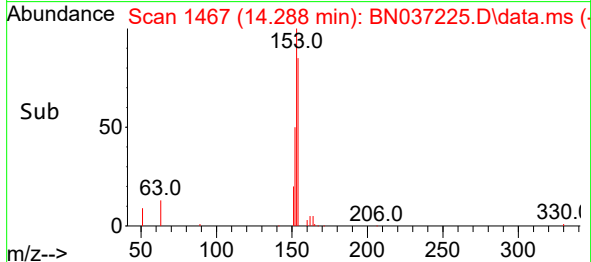
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1



Tgt Ion:154 Resp: 340  
Ion Ratio Lower Upper  
154 100  
153 114.5 94.6 141.8  
152 65.9 49.6 74.4

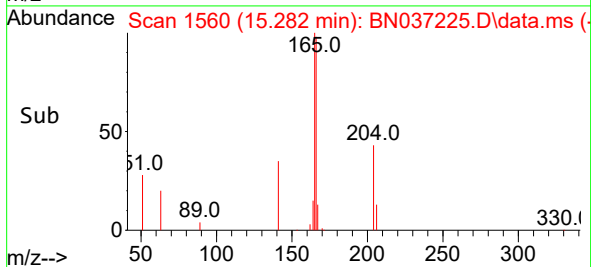
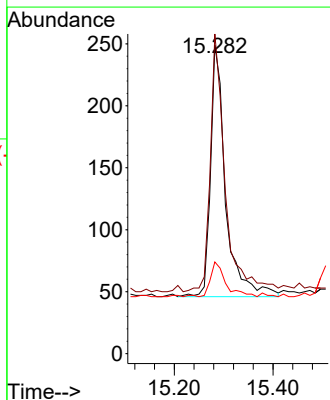
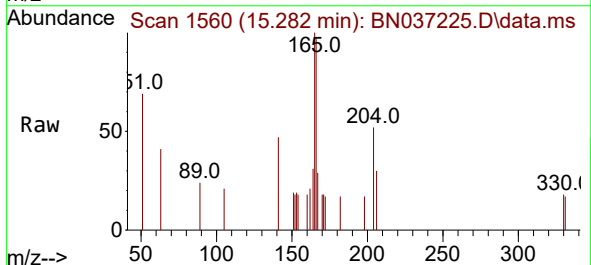
Manual Integrations  
APPROVED

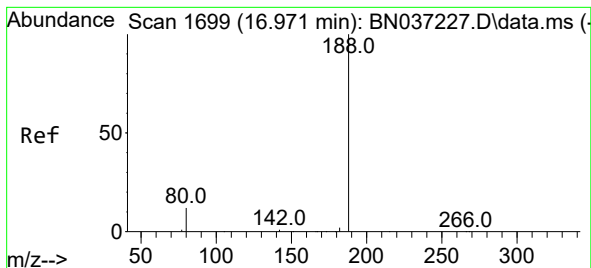
Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025



#18  
Fluorene  
Concen: 0.095 ng  
RT: 15.282 min Scan# 1560  
Delta R.T. 0.000 min  
Lab File: BN037225.D  
Acq: 13 Jun 2025 13:33

Tgt Ion:166 Resp: 430  
Ion Ratio Lower Upper  
166 100  
165 99.3 79.8 119.6  
167 14.0 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.984 min Scan# 1

Delta R.T. 0.013 min

Lab File: BN037225.D

Acq: 13 Jun 2025 13:33

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.1

Tgt Ion:188 Resp: 1910

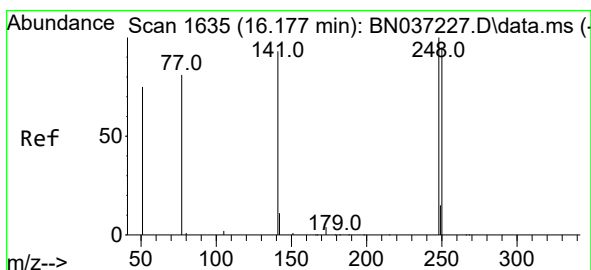
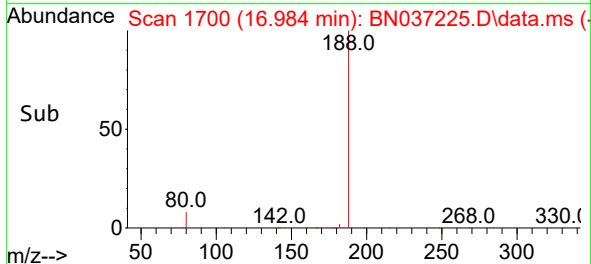
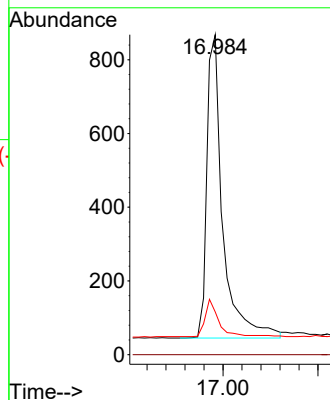
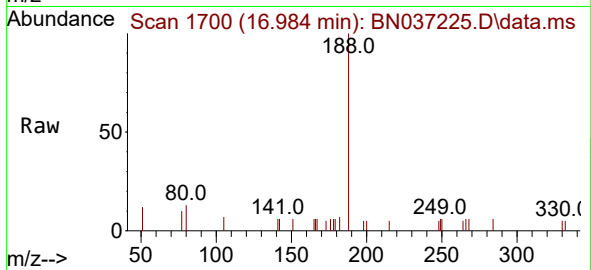
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 0.0   | 0.0   | 0.0   |
| 80  | 13.4  | 12.2  | 18.4  |

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/16/2025

Supervised By :Jagrut Upadhyay 06/16/2025



#21

4-Bromophenyl-phenylether

Concen: 0.095 ng

RT: 16.177 min Scan# 1635

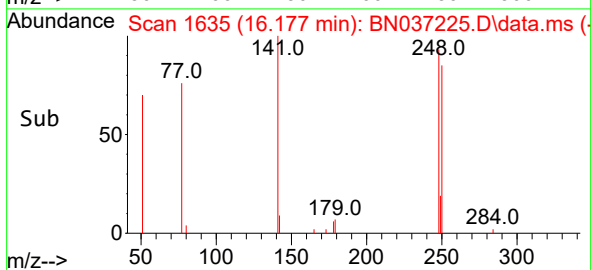
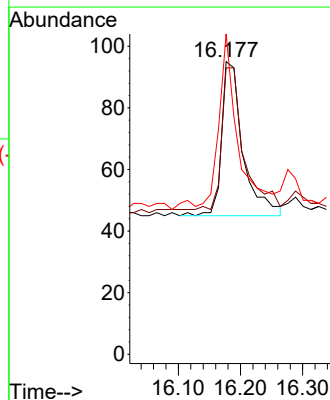
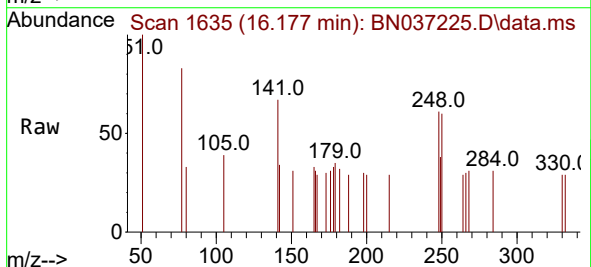
Delta R.T. 0.000 min

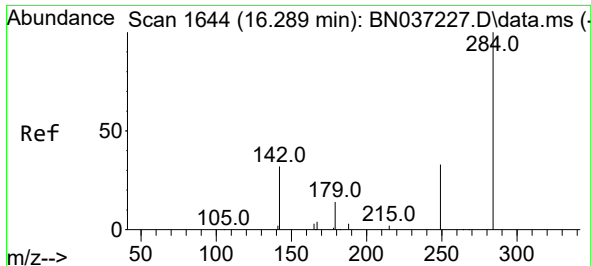
Lab File: BN037225.D

Acq: 13 Jun 2025 13:33

Tgt Ion:248 Resp: 119

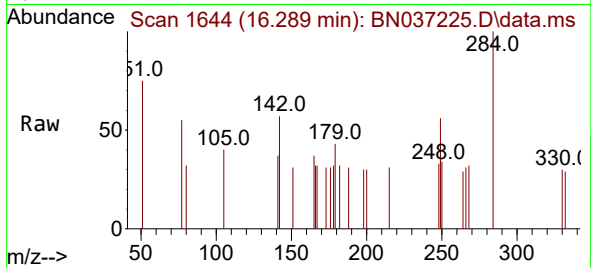
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 248 | 100   |       |       |
| 250 | 97.9  | 76.8  | 115.2 |
| 141 | 109.5 | 75.6  | 113.4 |





#22  
Hexachlorobenzene  
Concen: 0.113 ng  
RT: 16.289 min Scan# 1644  
Delta R.T. 0.000 min  
Lab File: BN037225.D  
Acq: 13 Jun 2025 13:33

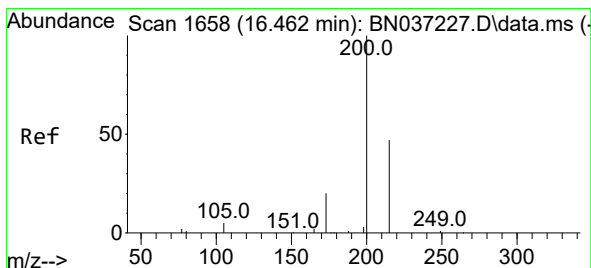
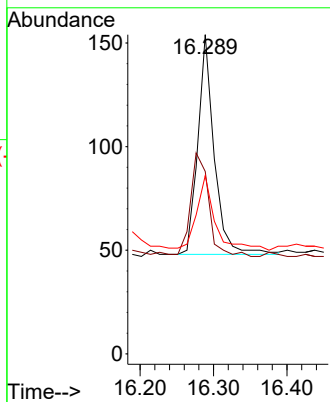
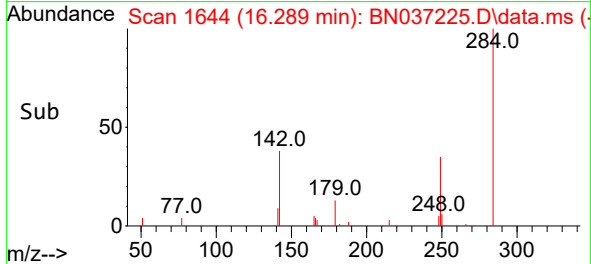
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1



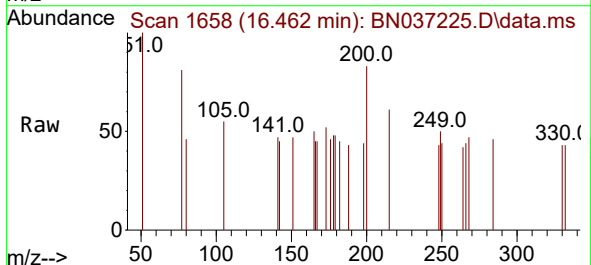
Tgt Ion:284 Resp: 164  
Ion Ratio Lower Upper  
284 100  
142 52.4 43.8 65.6  
249 38.4 28.4 42.6

Manual Integrations  
APPROVED

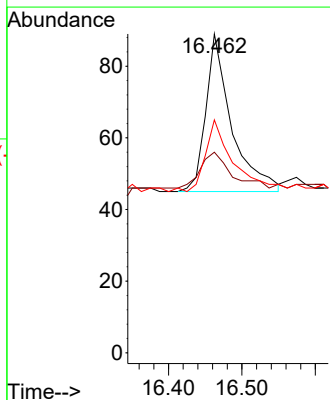
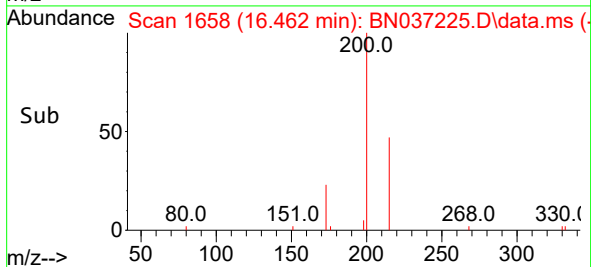
Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025

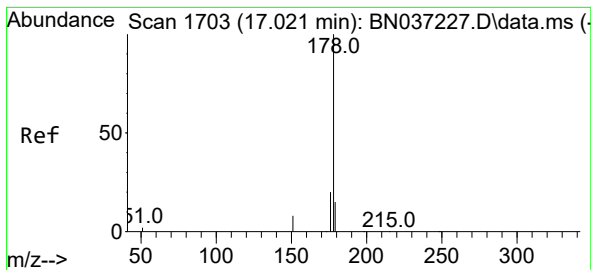


#23  
Atrazine  
Concen: 0.096 ng  
RT: 16.462 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: BN037225.D  
Acq: 13 Jun 2025 13:33



Tgt Ion:200 Resp: 107  
Ion Ratio Lower Upper  
200 100  
173 62.9 25.1 37.7#  
215 73.0 43.7 65.5#





#25

Phenanthrene

Concen: 0.099 ng

RT: 17.021 min Scan# 1710

Delta R.T. 0.000 min

Lab File: BN037225.D

Acq: 13 Jun 2025 13:33

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.1

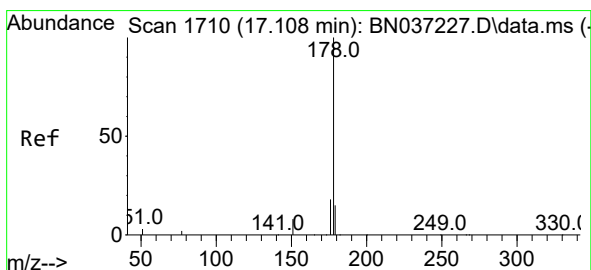
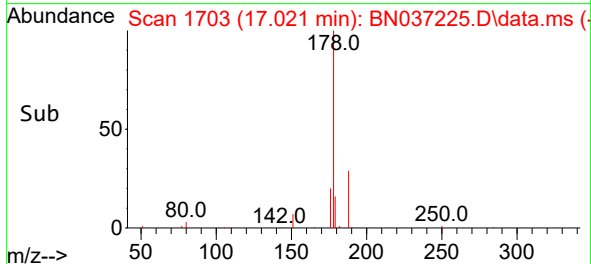
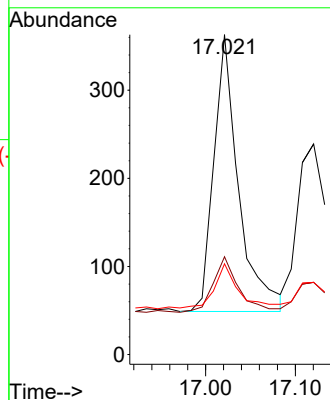
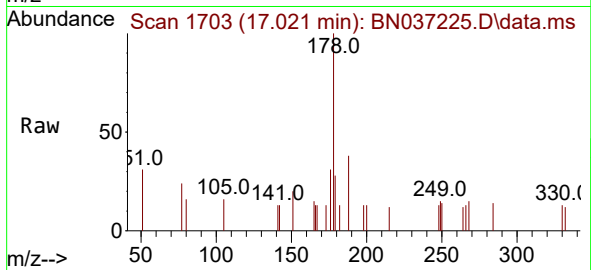
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 178   | Resp: | 600  |
| Ion Ratio | Lower | Upper |      |
| 178       | 100   |       |      |
| 176       | 20.3  | 16.3  | 24.5 |
| 179       | 15.8  | 12.6  | 18.8 |

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/16/2025

Supervised By :Jagrut Upadhyay 06/16/2025



#26

Anthracene

Concen: 0.094 ng

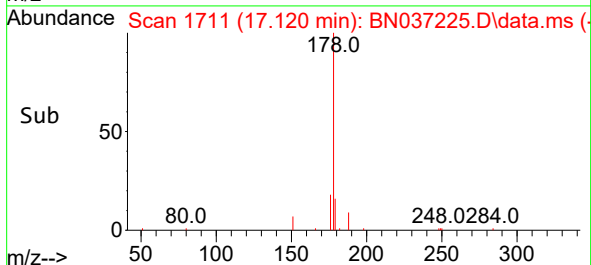
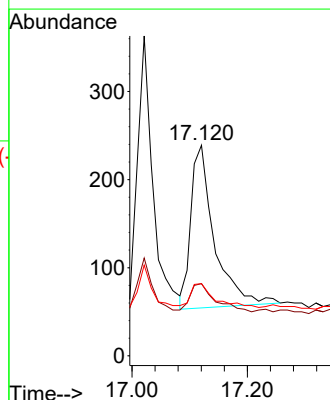
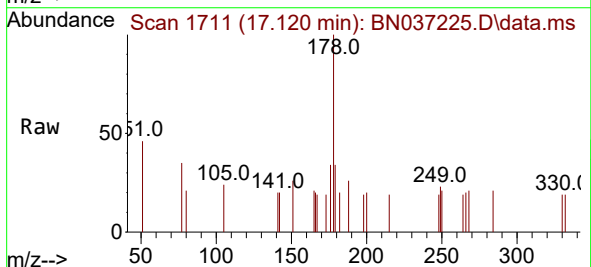
RT: 17.120 min Scan# 1711

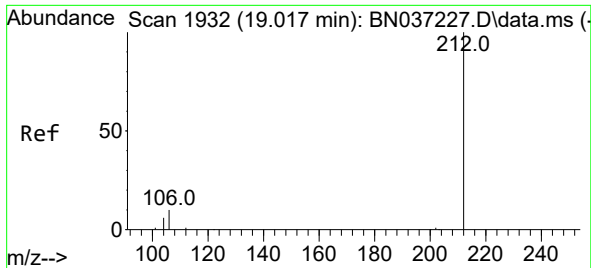
Delta R.T. 0.013 min

Lab File: BN037225.D

Acq: 13 Jun 2025 13:33

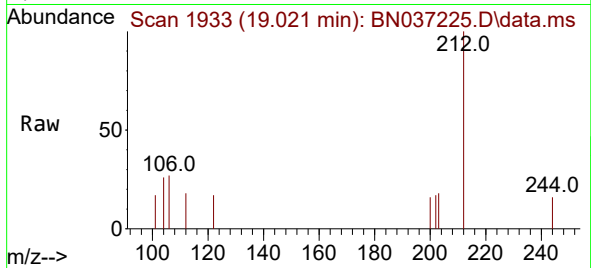
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 178   | Resp: | 524  |
| Ion Ratio | Lower | Upper |      |
| 178       | 100   |       |      |
| 176       | 18.9  | 15.1  | 22.7 |
| 179       | 15.1  | 12.4  | 18.6 |





#27  
Fluoranthene-d10  
Concen: 0.097 ng  
RT: 19.021 min Scan# 1933  
Delta R.T. 0.005 min  
Lab File: BN037225.D  
Acq: 13 Jun 2025 13:33

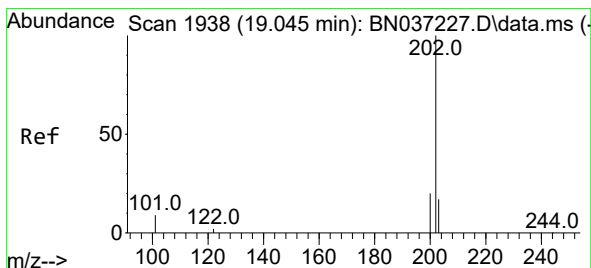
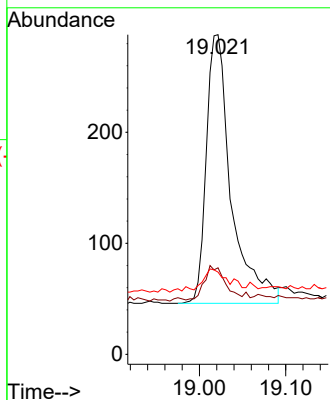
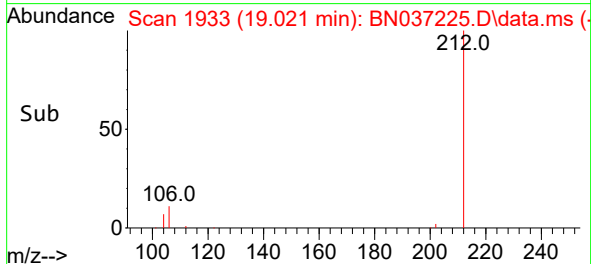
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1



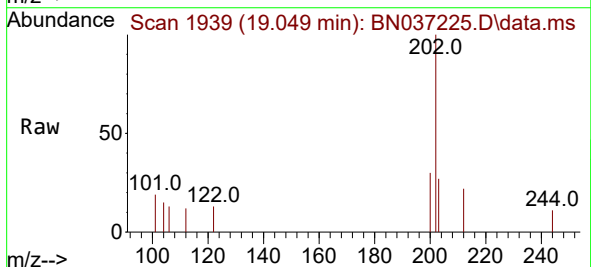
Tgt Ion:212 Resp: 480  
Ion Ratio Lower Upper  
212 100  
106 10.5 9.3 13.9  
104 9.7 5.7 8.5

Manual Integrations  
APPROVED

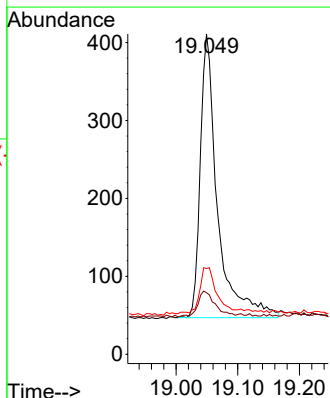
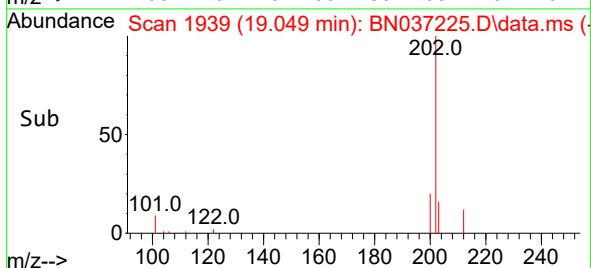
Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025

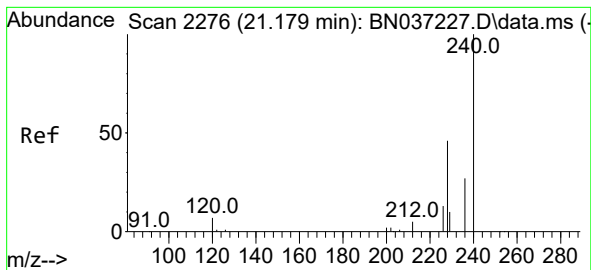


#28  
Fluoranthene  
Concen: 0.099 ng  
RT: 19.049 min Scan# 1939  
Delta R.T. 0.005 min  
Lab File: BN037225.D  
Acq: 13 Jun 2025 13:33



Tgt Ion:202 Resp: 704  
Ion Ratio Lower Upper  
202 100  
101 9.1 7.1 10.7  
203 15.9 13.0 19.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.180 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN037225.D

Acq: 13 Jun 2025 13:33

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.1

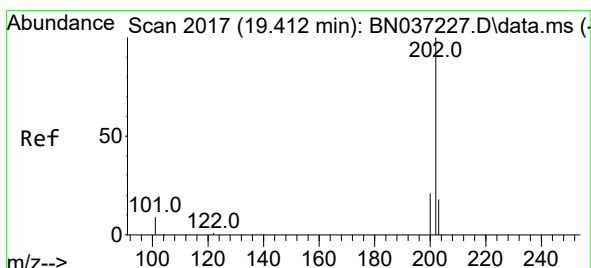
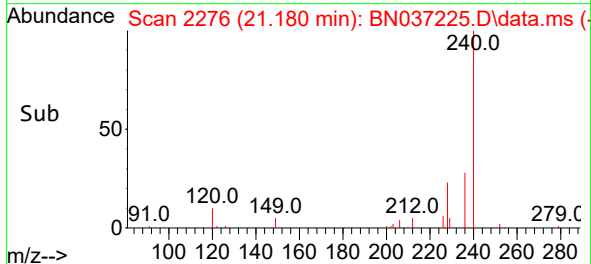
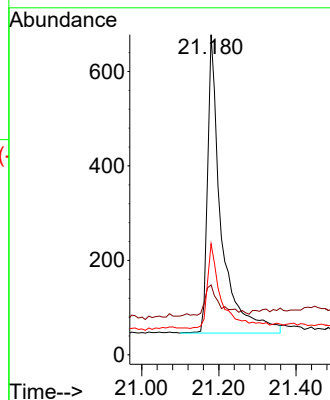
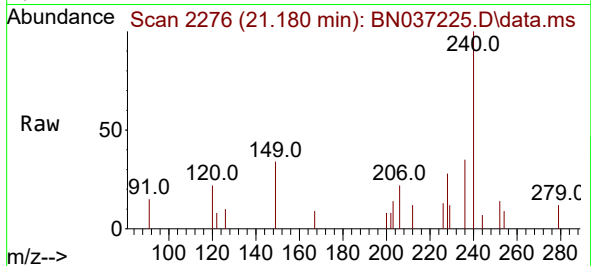
Tgt Ion:240 Resp: 1540

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 21.8  | 11.3  | 16.9  |
| 236 | 34.7  | 24.4  | 36.6  |

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025



#30

Pyrene

Concen: 0.098 ng

RT: 19.412 min Scan# 2017

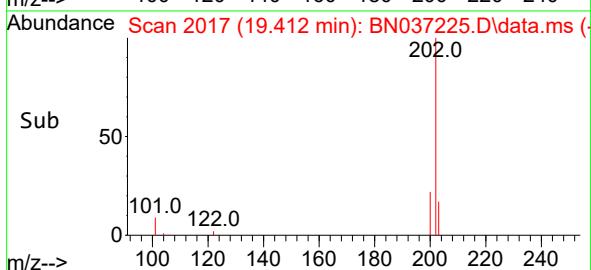
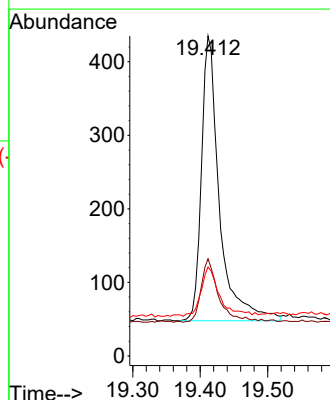
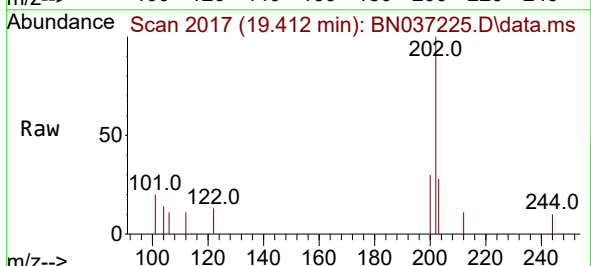
Delta R.T. 0.000 min

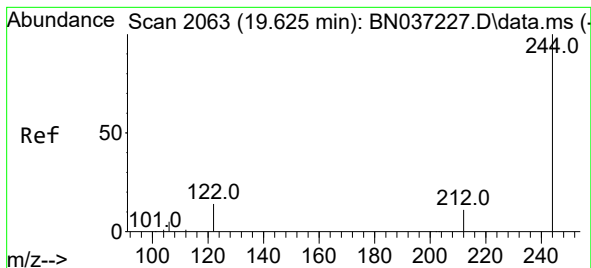
Lab File: BN037225.D

Acq: 13 Jun 2025 13:33

Tgt Ion:202 Resp: 715

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.8  | 17.2  | 25.8  |
| 203 | 18.0  | 14.3  | 21.5  |





#31

Terphenyl-d14

Concen: 0.090 ng

RT: 19.635 min Scan# 2065

Delta R.T. 0.009 min

Lab File: BN037225.D

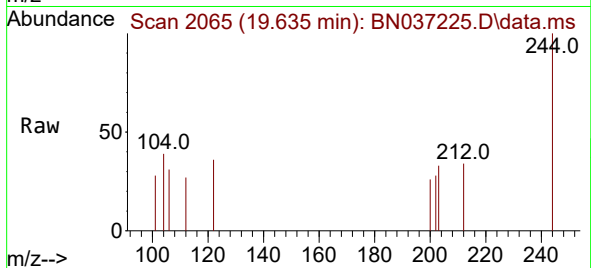
Acq: 13 Jun 2025 13:33

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.1



Tgt Ion:244 Resp: 315

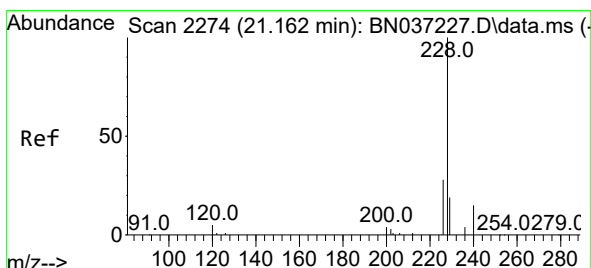
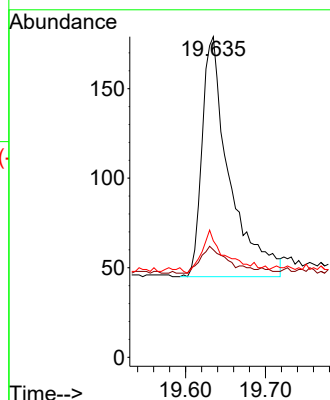
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 33.5  | 12.2  | 18.2  |
| 122 | 36.3  | 14.3  | 21.5  |

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/16/2025

Supervised By :Jagrut Upadhyay 06/16/2025



#32

Benzo(a)anthracene

Concen: 0.087 ng

RT: 21.162 min Scan# 2274

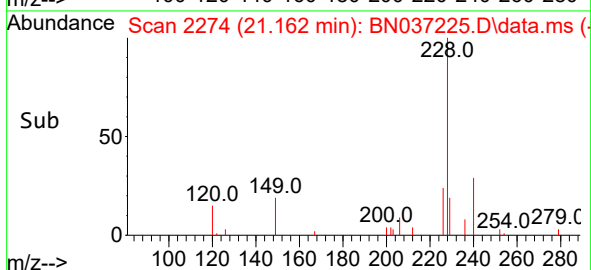
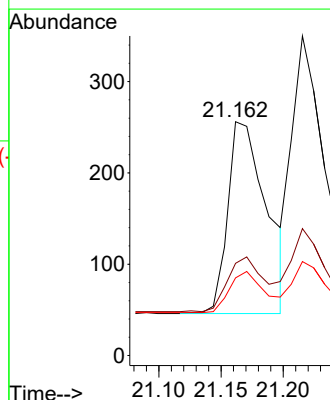
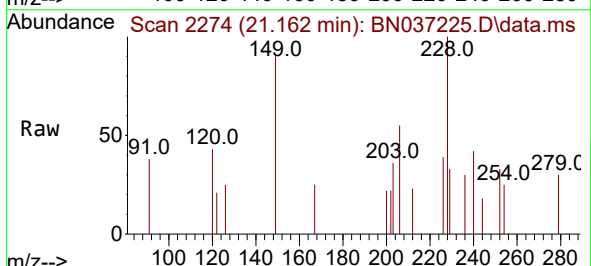
Delta R.T. 0.000 min

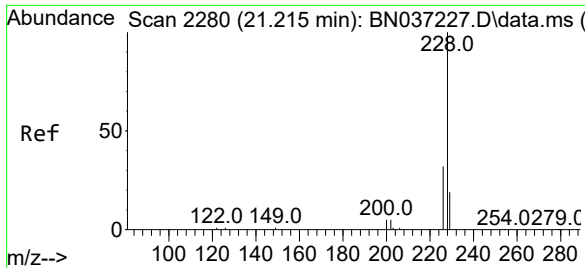
Lab File: BN037225.D

Acq: 13 Jun 2025 13:33

Tgt Ion:228 Resp: 454

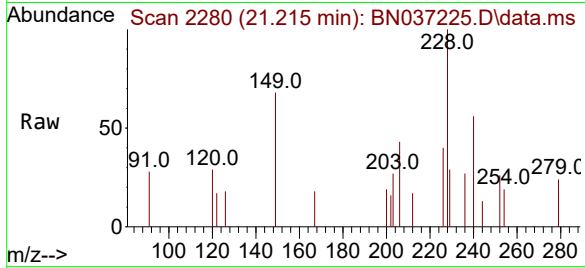
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 39.5  | 23.8  | 35.8  |
| 229 | 33.2  | 17.0  | 25.4  |





#33  
Chrysene  
Concen: 0.106 ng  
RT: 21.215 min Scan# 2128  
Delta R.T. 0.000 min  
Lab File: BN037225.D  
Acq: 13 Jun 2025 13:33

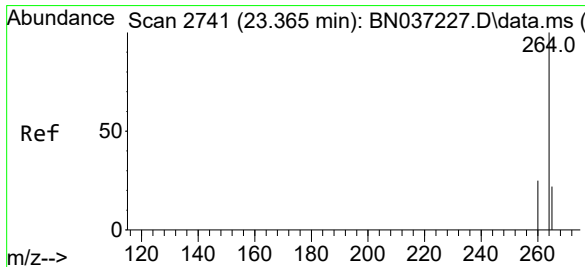
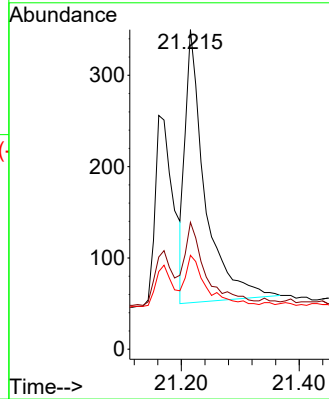
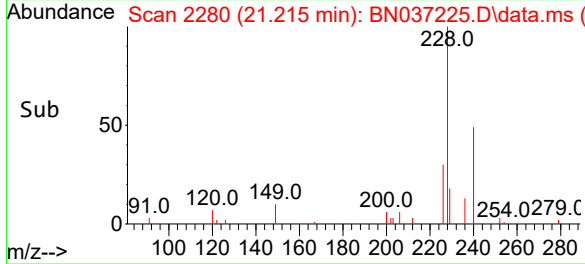
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1



Tgt Ion:228 Resp: 689  
Ion Ratio Lower Upper  
228 100  
226 39.7 25.8 38.6  
229 29.4 17.0 25.4

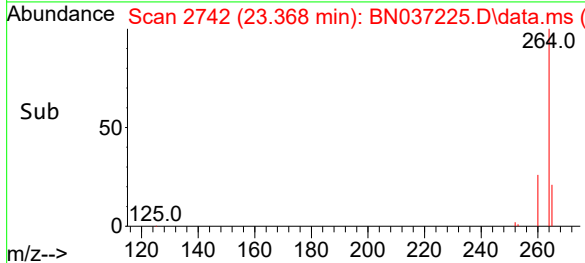
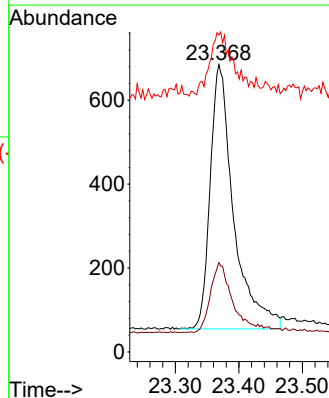
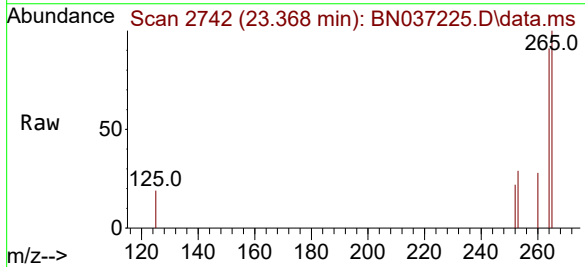
Manual Integrations  
APPROVED

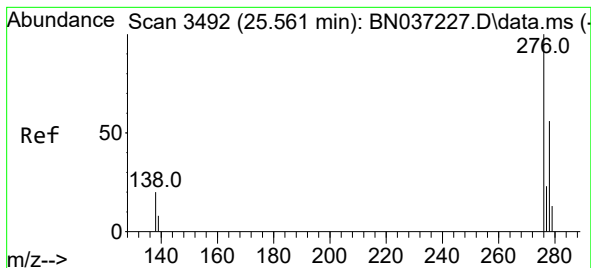
Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.368 min Scan# 2742  
Delta R.T. 0.003 min  
Lab File: BN037225.D  
Acq: 13 Jun 2025 13:33

Tgt Ion:264 Resp: 1617  
Ion Ratio Lower Upper  
264 100  
260 31.1 22.8 34.2  
265 110.4 66.4 99.6





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.093 ng

RT: 25.570 min Scan# 3492

Delta R.T. 0.009 min

Lab File: BN037225.D

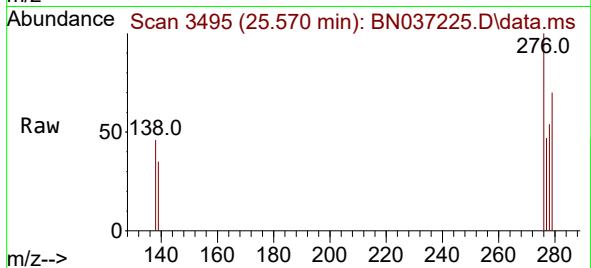
Acq: 13 Jun 2025 13:33

Instrument :

BNA\_N

ClientSampleId :

SSTDICC0.1



Tgt Ion:276 Resp: 609

Ion Ratio Lower Upper

276 100

138 1.3 16.8 25.2

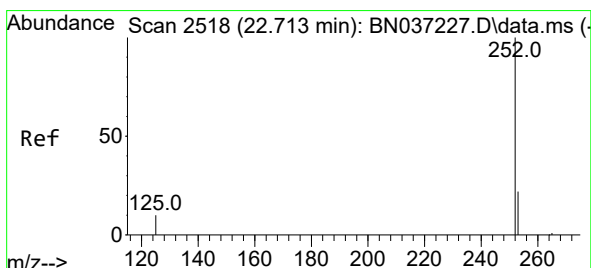
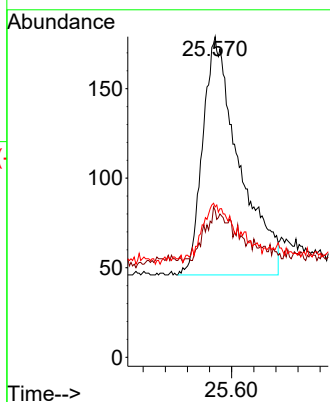
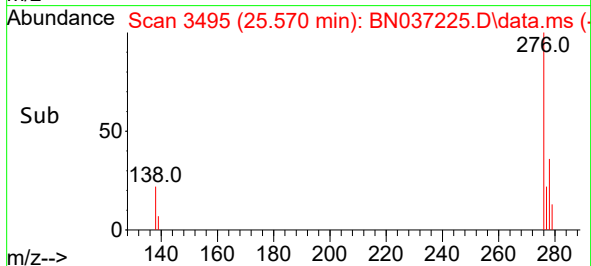
277 18.6 19.5 29.3

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 06/16/2025

Supervised By :Jagrut Upadhyay 06/16/2025



#37

Benzo(b)fluoranthene

Concen: 0.089 ng

RT: 22.719 min Scan# 2520

Delta R.T. 0.006 min

Lab File: BN037225.D

Acq: 13 Jun 2025 13:33

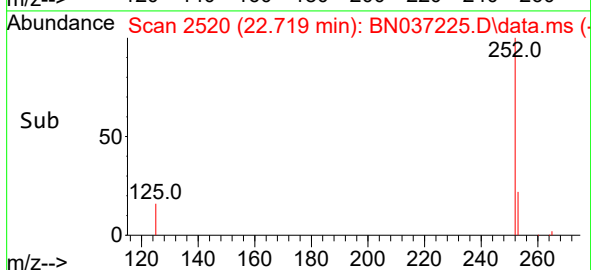
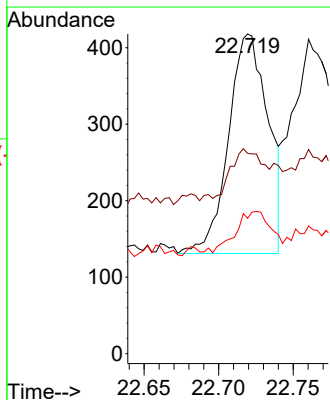
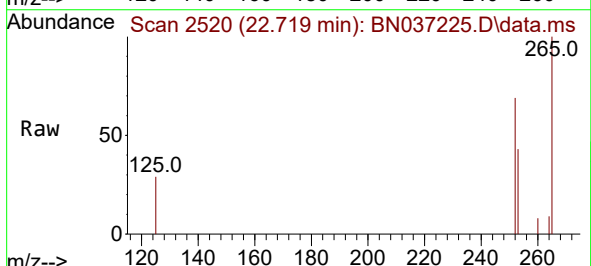
Tgt Ion:252 Resp: 529

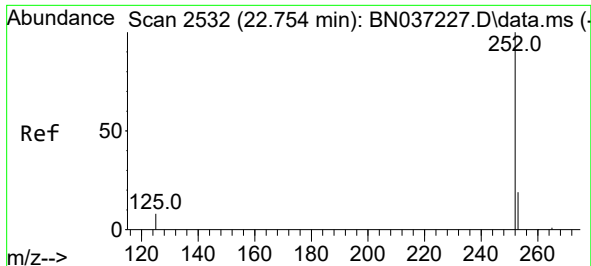
Ion Ratio Lower Upper

252 100

253 62.7 24.9 37.3#

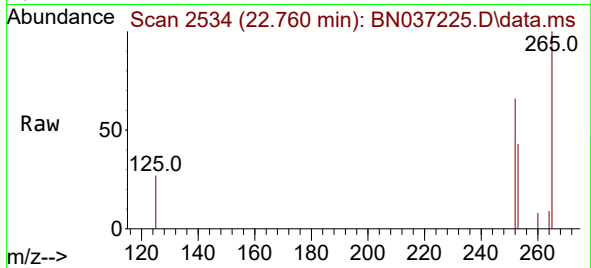
125 42.3 12.9 19.3#





#38  
Benzo(k)fluoranthene  
Concen: 0.109 ng m  
RT: 22.760 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BN037225.D  
Acq: 13 Jun 2025 13:33

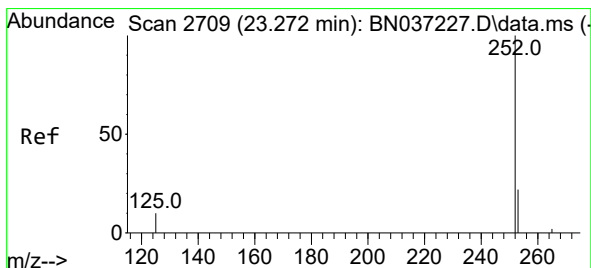
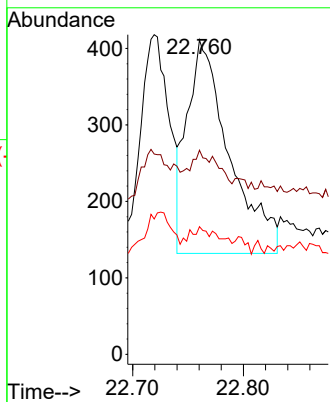
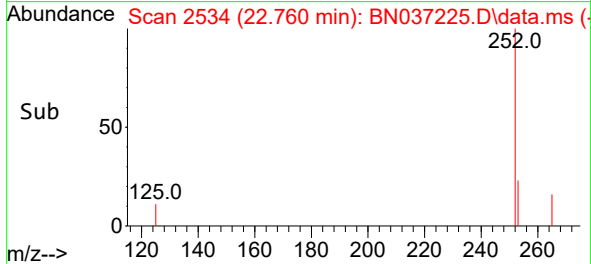
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1



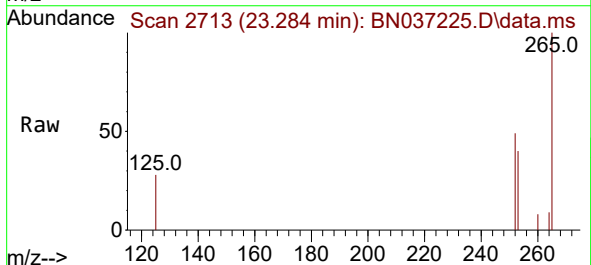
Tgt Ion:252 Resp: 742  
Ion Ratio Lower Upper  
252 100  
253 65.0 24.6 37.0#  
125 40.6 13.4 20.2#

Manual Integrations  
APPROVED

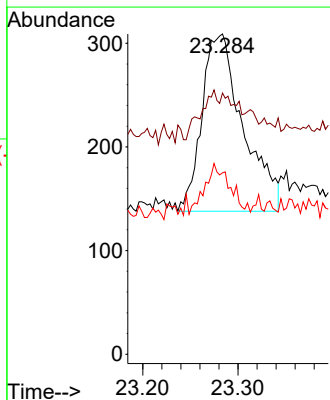
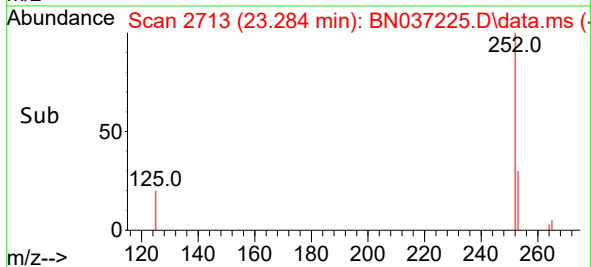
Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025

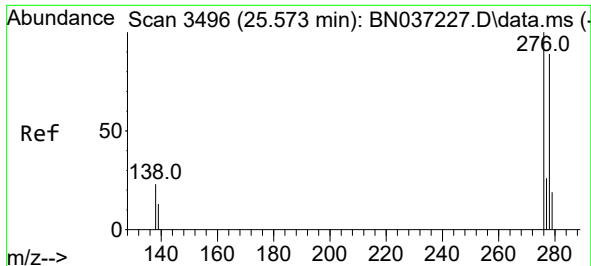


#39  
Benzo(a)pyrene  
Concen: 0.097 ng  
RT: 23.284 min Scan# 2713  
Delta R.T. 0.012 min  
Lab File: BN037225.D  
Acq: 13 Jun 2025 13:33



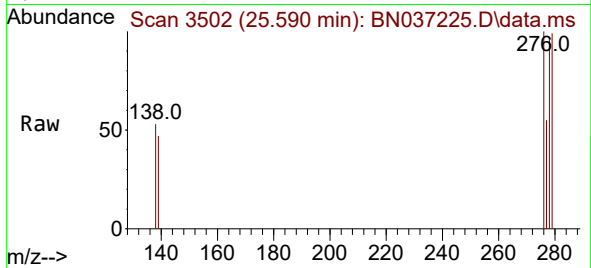
Tgt Ion:252 Resp: 514  
Ion Ratio Lower Upper  
252 100  
253 81.6 29.4 44.2#  
125 56.6 16.2 24.2#





#40  
Dibenzo(a,h)anthracene  
Concen: 0.091 ng m  
RT: 25.590 min Scan# 31  
Delta R.T. 0.018 min  
Lab File: BN037225.D  
Acq: 13 Jun 2025 13:33

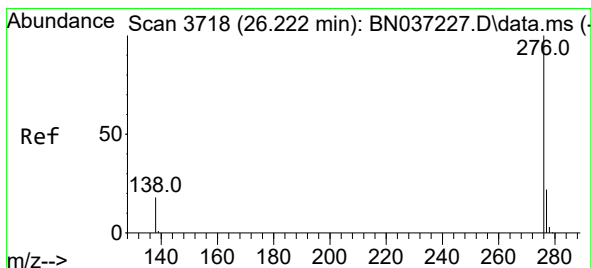
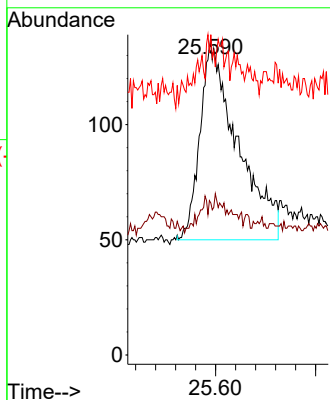
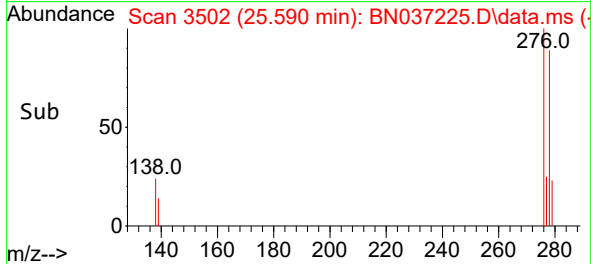
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICC0.1



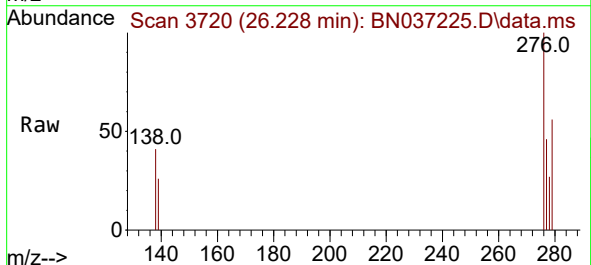
Tgt Ion:278 Resp: 44  
Ion Ratio Lower Upper  
278 100  
139 48.9 17.8 26.6  
279 103.0 31.3 46.9

Manual Integrations  
APPROVED

Reviewed By :Anahy Claudio 06/16/2025  
Supervised By :Jagrut Upadhyay 06/16/2025



#41  
Benzo(g,h,i)perylene  
Concen: 0.101 ng  
RT: 26.228 min Scan# 3720  
Delta R.T. 0.006 min  
Lab File: BN037225.D  
Acq: 13 Jun 2025 13:33



Tgt Ion:276 Resp: 608  
Ion Ratio Lower Upper  
276 100  
277 45.9 22.0 33.0#  
138 40.7 18.4 27.6#

