

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100923\  
 Data File : BN028190.D  
 Acq On : 10 Oct 2023 09:50  
 Operator : MA/JU  
 Sample : 04622-02 10X  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 I-4(0-5)

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023  
 Supervised By :mohammad ahmed 10/11/2023

Quant Time: Oct 10 10:48:16 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN100223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 10 00:42:22 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.922  | 152  | 4173     | 0.400   | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.735 | 136  | 13106    | 0.400   | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.566 | 164  | 7917     | 0.400   | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.319 | 188  | 14342    | 0.400   | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.524 | 240  | 15135m   | 0.400   | ng    | 0.00     |
| 35) Perylene-d12              | 23.981 | 264  | 23051m   | 0.400   | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) 2-Fluorophenol             | 5.459  | 112  | 402      | 0.032   | ng    | 0.00     |
| 5) Phenol-d6                  | 7.084  | 99   | 249      | 0.016   | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.123  | 82   | 238      | 0.021   | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.317 | 152  | 313      | 0.016   | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.065 | 330  | 57       | 0.016   | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.187 | 172  | 456      | 0.016   | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.379 | 212  | 5568     | 0.155   | ng    | 0.02     |
| 31) Terphenyl-d14             | 19.927 | 244  | 6108     | 0.173   | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 9) Naphthalene                | 10.789 | 128  | 6057556  | 178.882 | ng    | 99       |
| 12) 2-Methylnaphthalene       | 12.393 | 142  | 1838006  | 77.590  | ng    | 99       |
| 16) Acenaphthylene            | 14.288 | 152  | 1456693  | 41.535  | ng    | 98       |
| 17) Acenaphthene              | 14.619 | 154  | 382284   | 17.099  | ng    | 97       |
| 18) Fluorene                  | 15.606 | 166  | 2857963  | 98.427  | ng    | 100      |
| 25) Phenanthrene              | 17.381 | 178  | 12907378 | 333.820 | ng    | 98       |
| 26) Anthracene                | 17.455 | 178  | 4185580  | 114.526 | ng    | # 94     |
| 28) Fluoranthene              | 19.398 | 202  | 10076964 | 225.824 | ng    | 96       |
| 30) Pyrene                    | 19.765 | 202  | 8852570  | 159.510 | ng    | 97       |
| 32) Benzo(a)anthracene        | 21.507 | 228  | 4839187  | 93.962  | ng    | 96       |
| 33) Chrysene                  | 21.560 | 228  | 3888623  | 78.348  | ng    | 96       |
| 34) Bis(2-ethylhexyl)phtha... | 21.372 | 149  | 5073     | 0.150   | ng    | 99       |
| 36) Indeno(1,2,3-cd)pyrene    | 26.577 | 276  | 1948223  | 25.127  | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 23.227 | 252  | 4289655  | 57.621  | ng    | # 89     |
| 38) Benzo(k)fluoranthene      | 23.271 | 252  | 1823498m | 24.149  | ng    |          |
| 39) Benzo(a)pyrene            | 23.879 | 252  | 3606752m | 51.236  | ng    |          |
| 40) Dibenzo(a,h)anthracene    | 26.580 | 278  | 586612   | 9.249   | ng    | 94       |
| 41) Benzo(g,h,i)perylene      | 27.387 | 276  | 1771323  | 27.207  | ng    | 94       |
| -----                         |        |      |          |         |       |          |

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

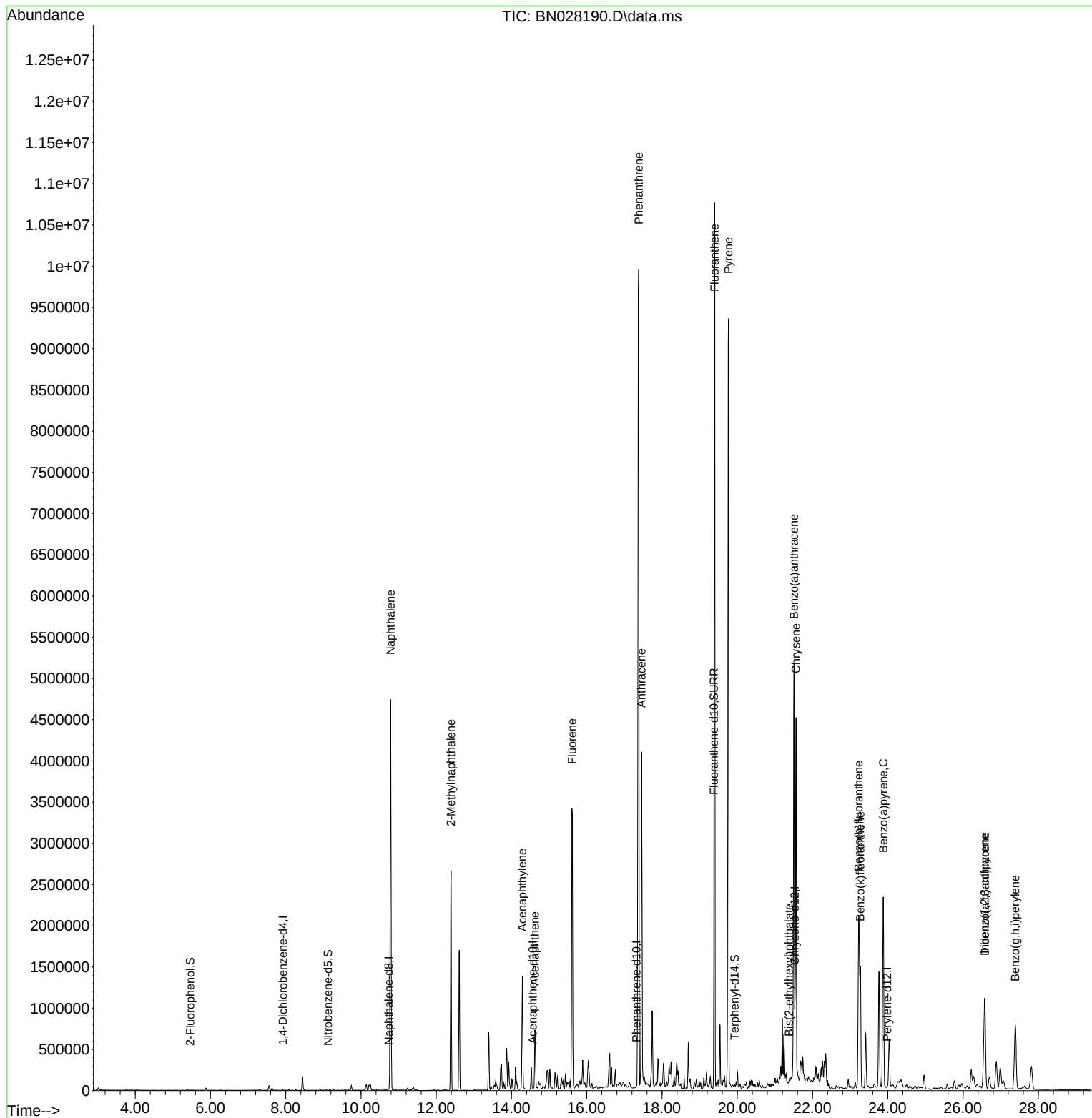
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN100923\  
Data File : BN028190.D  
Acq On : 10 Oct 2023 09:50  
Operator : MA/JU  
Sample : 04622-02 10X  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
I-4(0-5)

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/11/2023  
Supervised By :mohammad ahmed 10/11/2023

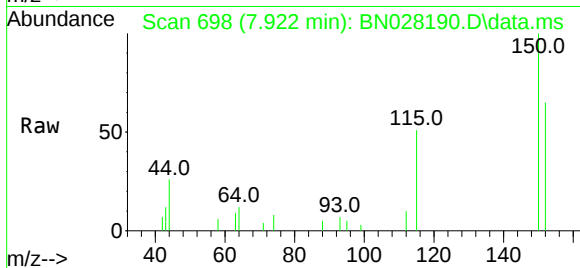
Quant Time: Oct 10 10:48:16 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN100223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 10 00:42:22 2023  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.922 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BN028190.D  
Acq: 10 Oct 2023 09:50

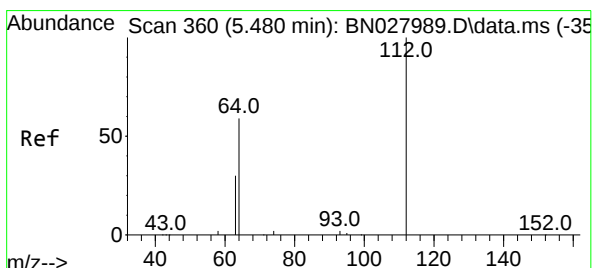
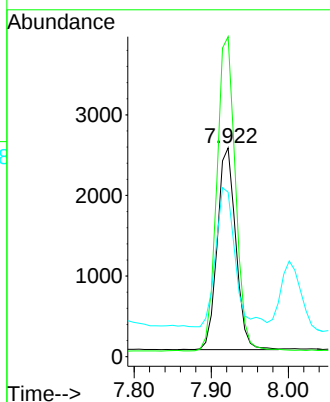
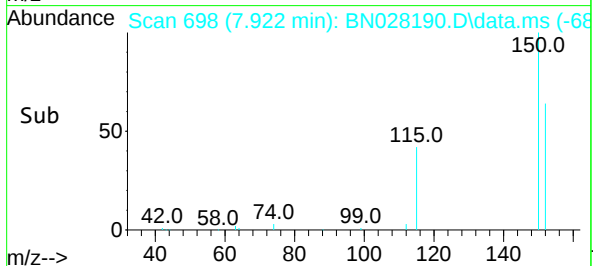
Instrument :  
BNA\_N  
ClientSampleId :  
1-4(0-5)



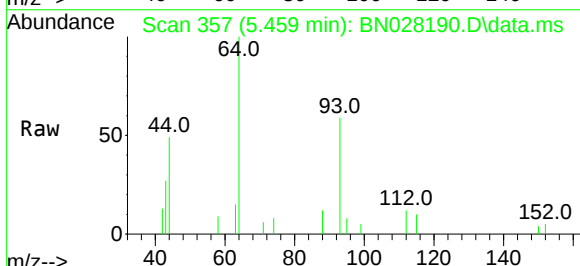
Tgt Ion:152 Resp: 417  
Ion Ratio Lower Upper  
152 100  
150 153.2 125.6 188.4  
115 78.8 54.8 82.2

Manual Integrations  
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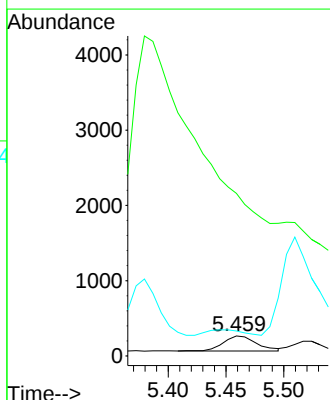
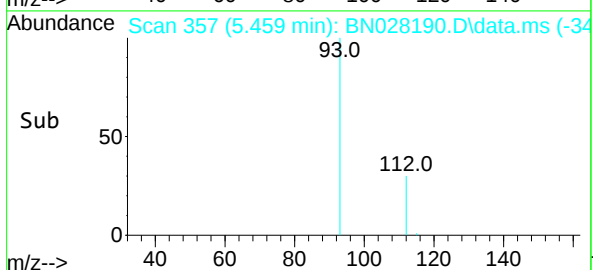
Reviewed By :Yogesh Patel 10/11/2023  
Supervised By :mohammad ahmed 10/11/2023



#4  
2-Fluorophenol  
Concen: 0.032 ng  
RT: 5.459 min Scan# 357  
Delta R.T. -0.007 min  
Lab File: BN028190.D  
Acq: 10 Oct 2023 09:50



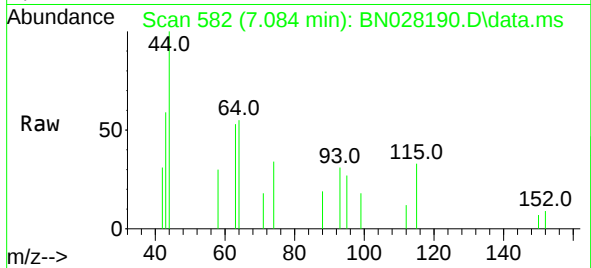
Tgt Ion:112 Resp: 402  
Ion Ratio Lower Upper  
112 100  
64 0.0 45.0 67.6#  
63 42.8 23.4 35.0#





#5  
Phenol-d6  
Concen: 0.016 ng  
RT: 7.084 min Scan# 582  
Delta R.T. -0.007 min  
Lab File: BN028190.D  
Acq: 10 Oct 2023 09:50

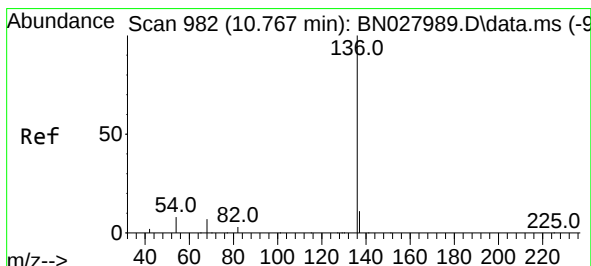
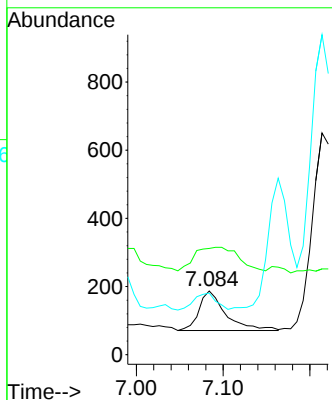
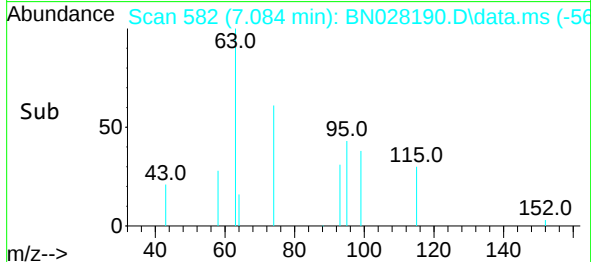
Instrument :  
BNA\_N  
ClientSampleId :  
I-4(0-5)



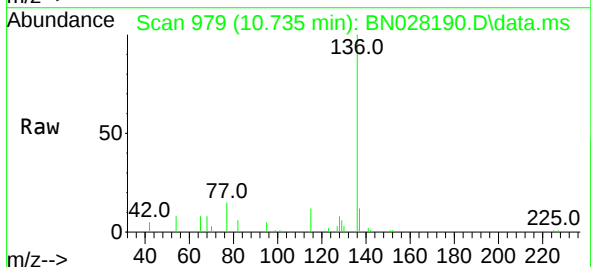
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Ion Ratio Lower Upper  
99 100  
42 101.6 14.6 22.0  
71 36.1 28.3 42.5

Manual Integrations  
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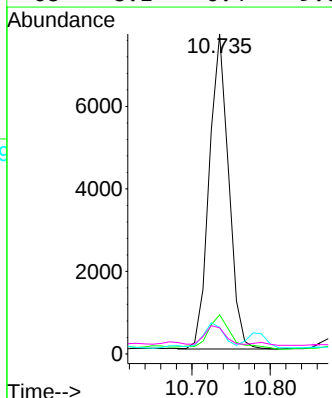
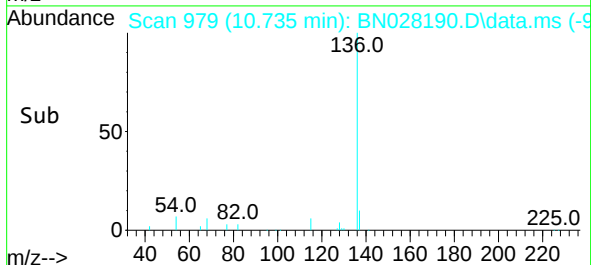
Reviewed By :Yogesh Patel 10/11/2023  
Supervised By :mohammad ahmed 10/11/2023



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.735 min Scan# 979  
Delta R.T. 0.000 min  
Lab File: BN028190.D  
Acq: 10 Oct 2023 09:50



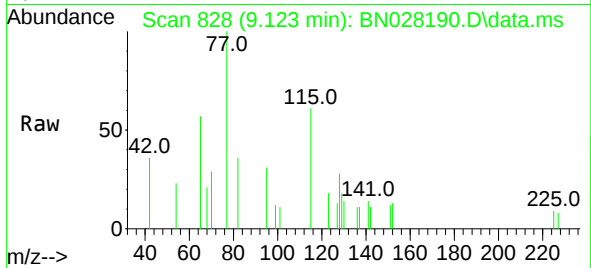
Tgt Ion:136 Resp: 13106  
Ion Ratio Lower Upper  
136 100  
137 12.2 9.4 14.0  
54 8.3 7.0 10.6  
68 8.1 6.4 9.6





#8  
Nitrobenzene-d5  
Concen: 0.021 ng  
RT: 9.123 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BN028190.D  
Acq: 10 Oct 2023 09:50

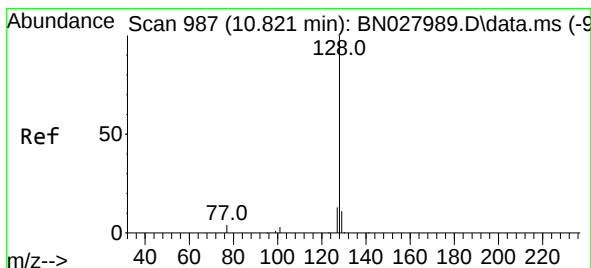
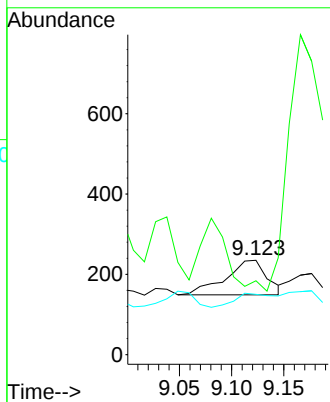
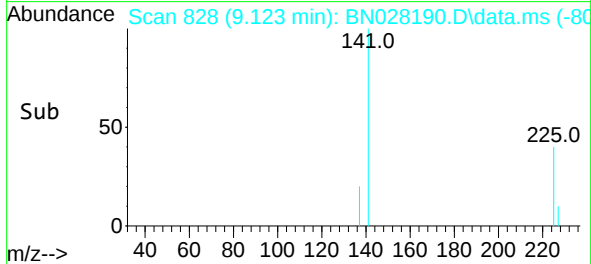
Instrument :  
BNA\_N  
ClientSampleId :  
1-4(0-5)



Tgt Ion: 82 Resp: 238  
Ion Ratio Lower Upper  
82 100  
128 78.3 32.7 49.1  
54 63.8 38.7 58.1

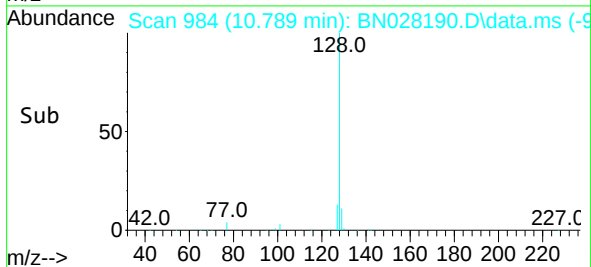
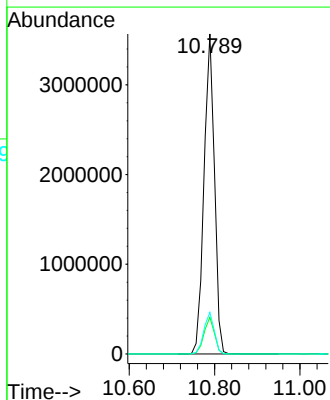
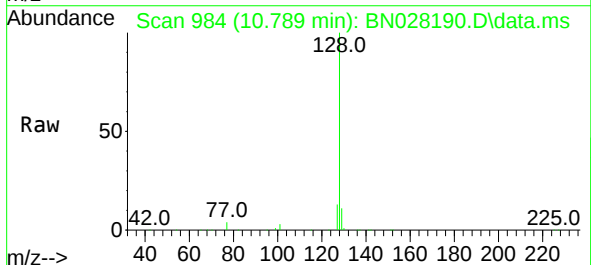
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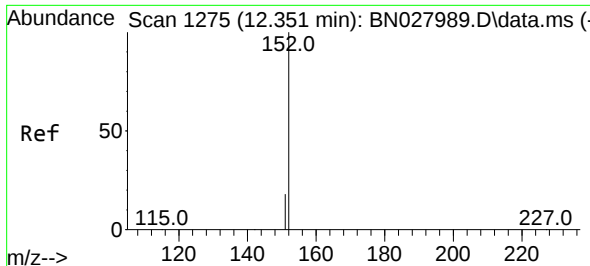
Reviewed By :Yogesh Patel 10/11/2023  
Supervised By :mohammad ahmed 10/11/2023



#9  
Naphthalene  
Concen: 178.882 ng  
RT: 10.789 min Scan# 984  
Delta R.T. 0.000 min  
Lab File: BN028190.D  
Acq: 10 Oct 2023 09:50

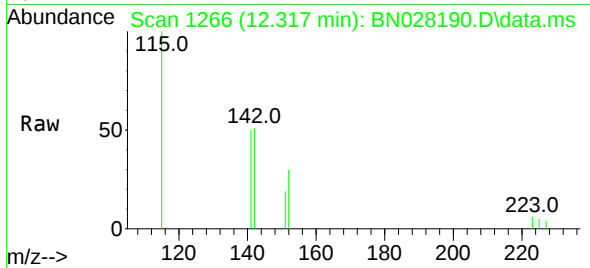
Tgt Ion:128 Resp: 6057556  
Ion Ratio Lower Upper  
128 100  
129 11.5 9.4 14.2  
127 13.0 10.9 16.3





#11  
2-Methylnaphthalene-d10  
Concen: 0.016 ng  
RT: 12.317 min Scan# 1266  
Delta R.T. -0.008 min  
Lab File: BN028190.D  
Acq: 10 Oct 2023 09:50

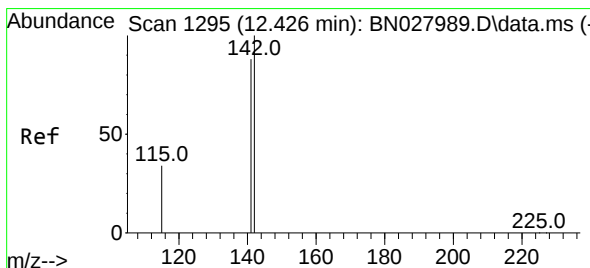
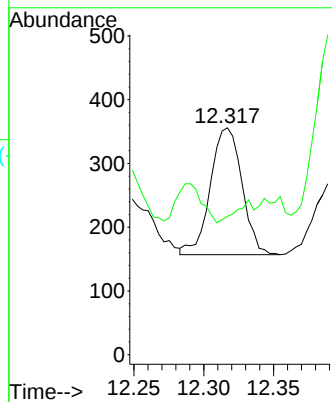
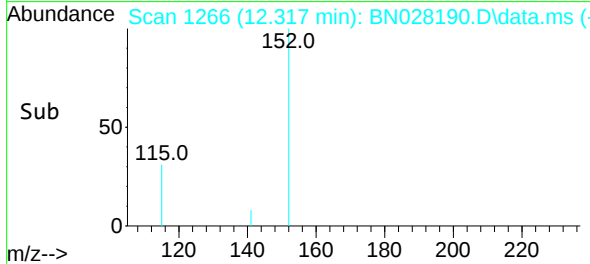
Instrument :  
BNA\_N  
ClientSampleId :  
I-4(0-5)



Tgt Ion:152 Resp: 311  
Ion Ratio Lower Upper  
152 100  
151 6.7 16.5 24.7

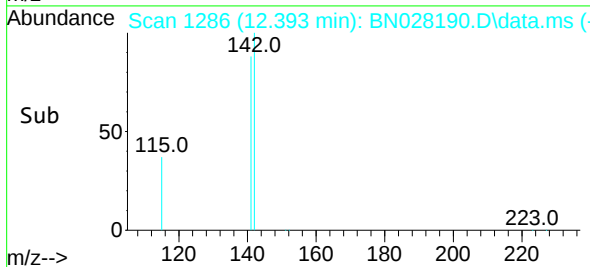
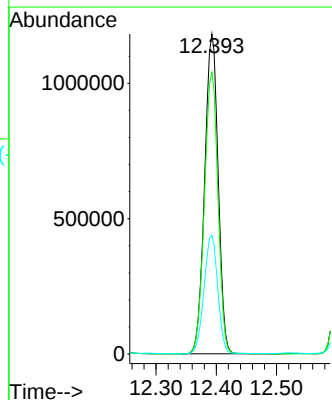
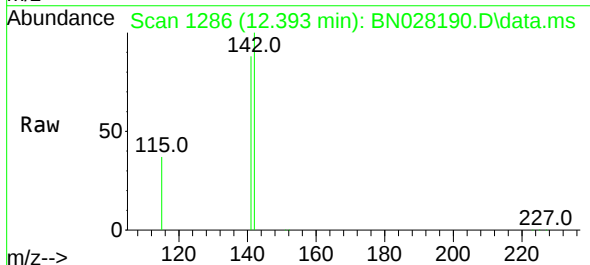
Manual Integrations  
APPROVED

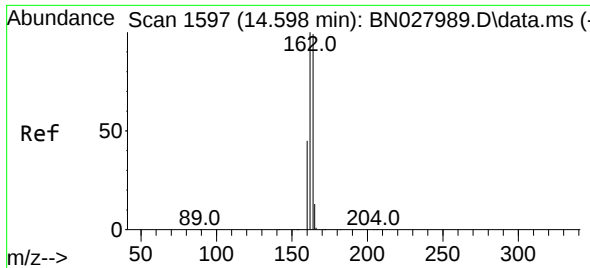
Reviewed By :Yogesh Patel 10/11/2023  
Supervised By :mohammad ahmed 10/11/2023



#12  
2-Methylnaphthalene  
Concen: 77.590 ng  
RT: 12.393 min Scan# 1286  
Delta R.T. -0.008 min  
Lab File: BN028190.D  
Acq: 10 Oct 2023 09:50

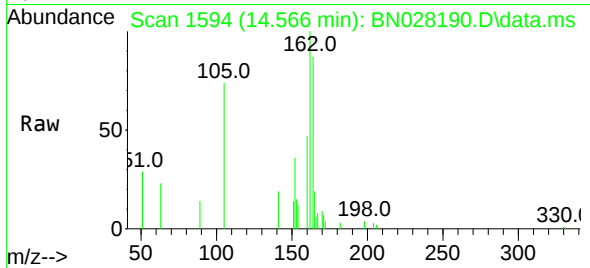
Tgt Ion:142 Resp: 1838006  
Ion Ratio Lower Upper  
142 100  
141 88.0 70.7 106.1  
115 37.1 28.6 42.8





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.566 min Scan# 1597  
Delta R.T. 0.000 min  
Lab File: BN028190.D  
Acq: 10 Oct 2023 09:50

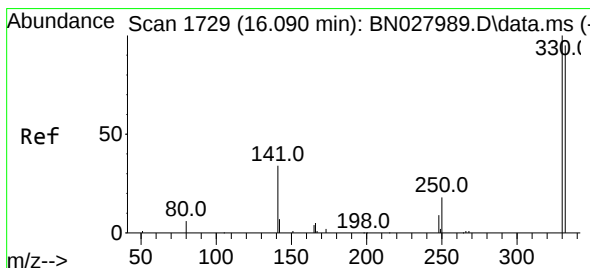
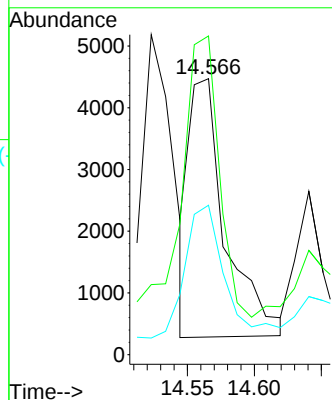
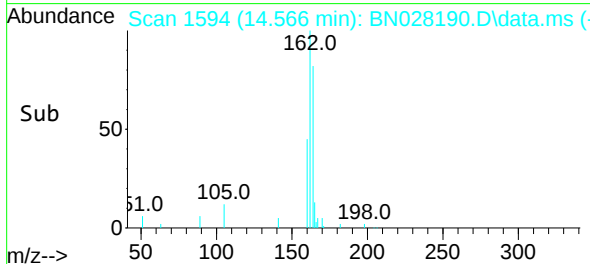
Instrument :  
BNA\_N  
ClientSampleId :  
I-4(0-5)



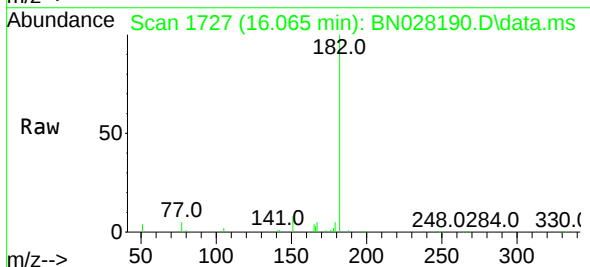
Tgt Ion:164 Resp: 791  
Ion Ratio Lower Upper  
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162 115.5 80.8 121.2  
160 54.1 36.4 54.6

Manual Integrations  
APPROVED

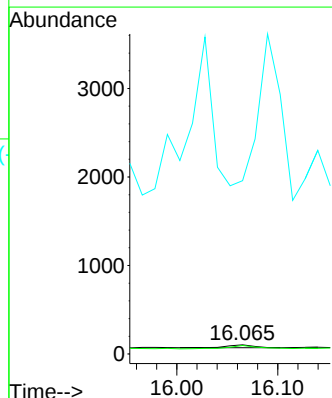
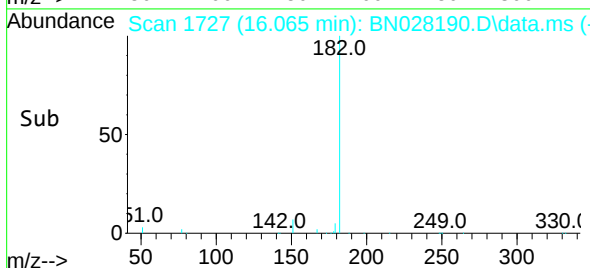
Reviewed By :Yogesh Patel 10/11/2023  
Supervised By :mohammad ahmed 10/11/2023

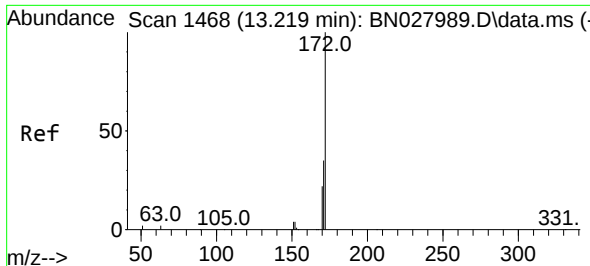


#14  
2,4,6-Tribromophenol  
Concen: 0.016 ng  
RT: 16.065 min Scan# 1727  
Delta R.T. -0.012 min  
Lab File: BN028190.D  
Acq: 10 Oct 2023 09:50



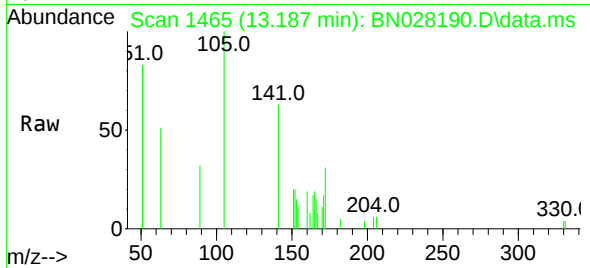
Tgt Ion:330 Resp: 57  
Ion Ratio Lower Upper  
330 100  
332 138.6 78.1 117.1#  
141 0.0 33.4 50.2#





#15  
2-Fluorobiphenyl  
Concen: 0.016 ng  
RT: 13.187 min Scan# 1465  
Delta R.T. 0.000 min  
Lab File: BN028190.D  
Acq: 10 Oct 2023 09:50

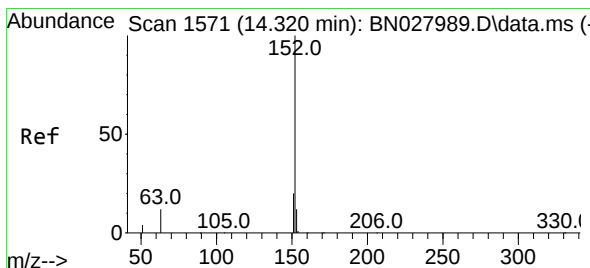
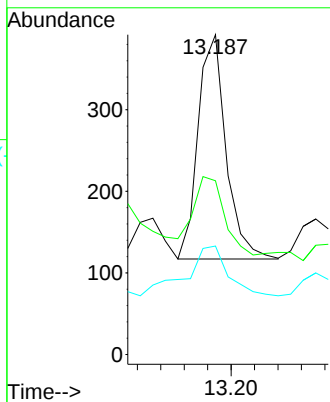
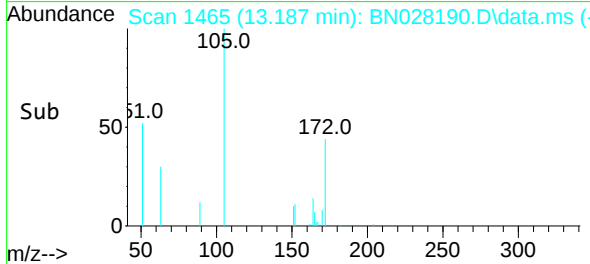
Instrument :  
BNA\_N  
ClientSampleId :  
1-4(0-5)



Tgt Ion:172 Resp: 450000  
Ion Ratio Lower Upper  
172 100  
171 54.3 28.1 42.1  
170 33.9 18.4 27.6

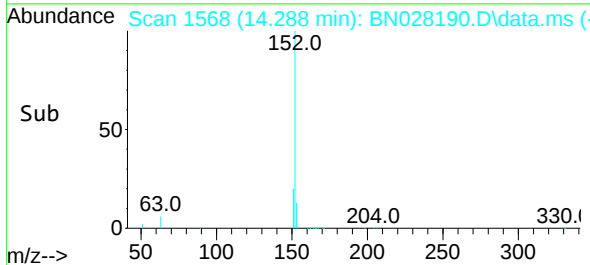
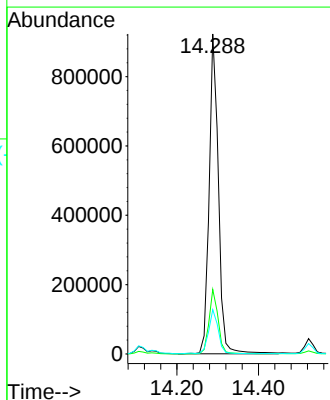
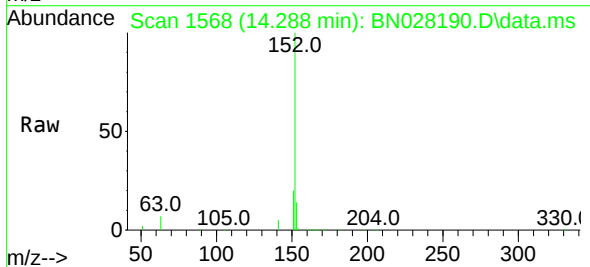
Manual Integrations  
APPROVED

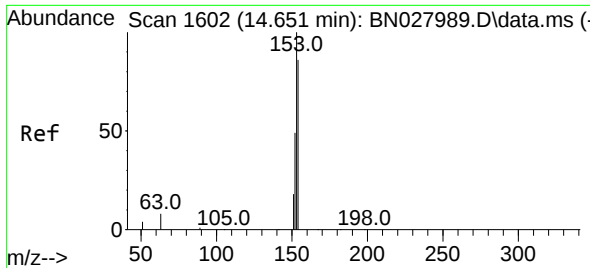
Reviewed By :Yogesh Patel 10/11/2023  
Supervised By :mohammad ahmed 10/11/2023



#16  
Acenaphthylene  
Concen: 41.535 ng  
RT: 14.288 min Scan# 1568  
Delta R.T. -0.011 min  
Lab File: BN028190.D  
Acq: 10 Oct 2023 09:50

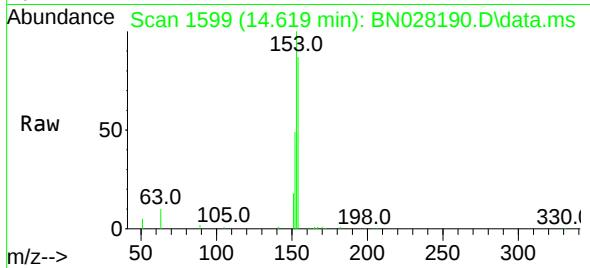
Tgt Ion:152 Resp: 1456693  
Ion Ratio Lower Upper  
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151 19.9 15.8 23.6  
153 14.3 10.2 15.4





#17  
Acenaphthene  
Concen: 17.099 ng  
RT: 14.619 min Scan# 1599  
Delta R.T. -0.011 min  
Lab File: BN028190.D  
Acq: 10 Oct 2023 09:50

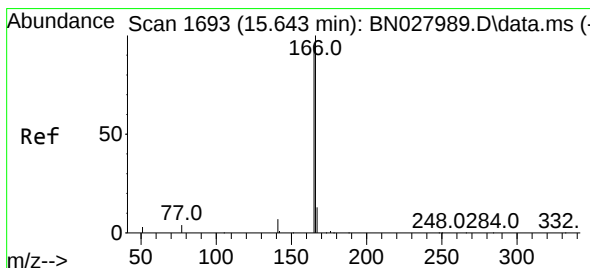
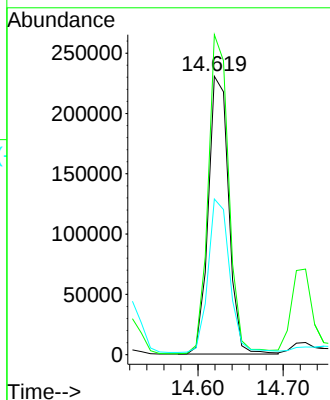
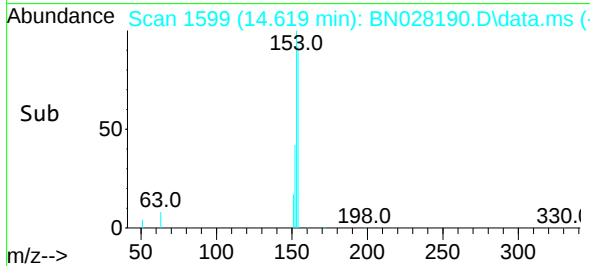
Instrument :  
BNA\_N  
ClientSampleId :  
I-4(0-5)



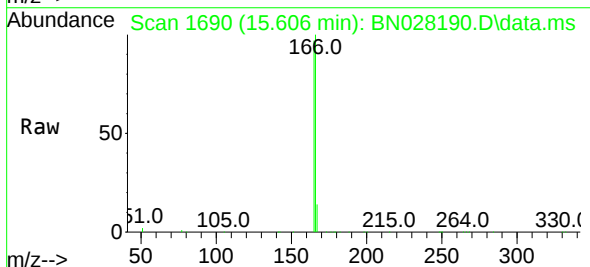
Tgt Ion:154 Resp: 382284  
Ion Ratio Lower Upper  
154 100  
153 115.8 90.8 136.2  
152 58.4 43.9 65.9

Manual Integrations  
APPROVED

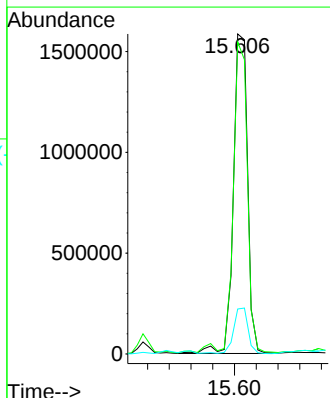
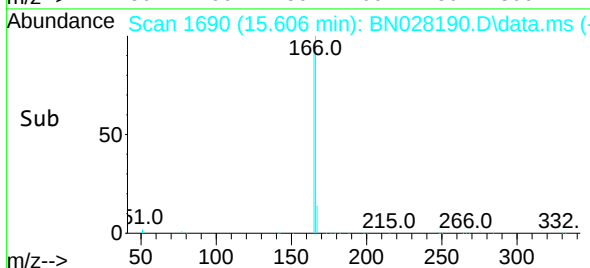
Reviewed By :Yogesh Patel 10/11/2023  
Supervised By :mohammad ahmed 10/11/2023

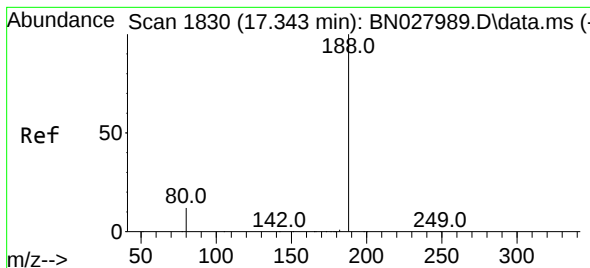


#18  
Fluorene  
Concen: 98.427 ng  
RT: 15.606 min Scan# 1690  
Delta R.T. -0.012 min  
Lab File: BN028190.D  
Acq: 10 Oct 2023 09:50



Tgt Ion:166 Resp: 2857963  
Ion Ratio Lower Upper  
166 100  
165 97.2 77.8 116.8  
167 14.7 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.319 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BN028190.D

Acq: 10 Oct 2023 09:50

Instrument :

BNA\_N

ClientSampleId :

1-4(0-5)

Tgt Ion:188 Resp: 1434

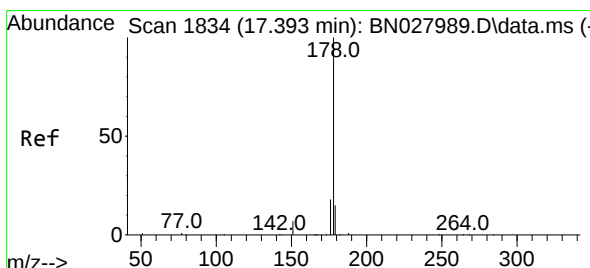
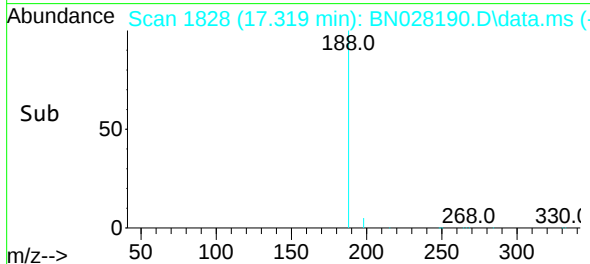
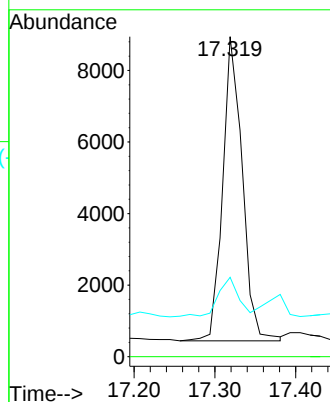
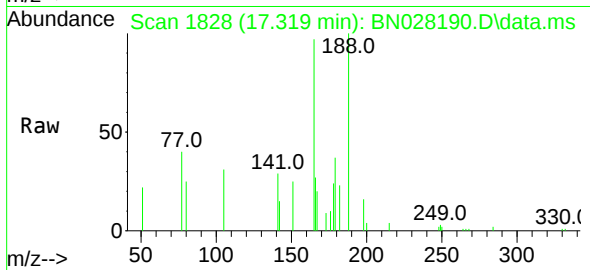
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 0.0   | 0.0   | 0.0   |
| 80  | 24.8  | 10.2  | 15.4  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#25

Phenanthrene

Concen: 333.820 ng

RT: 17.381 min Scan# 1833

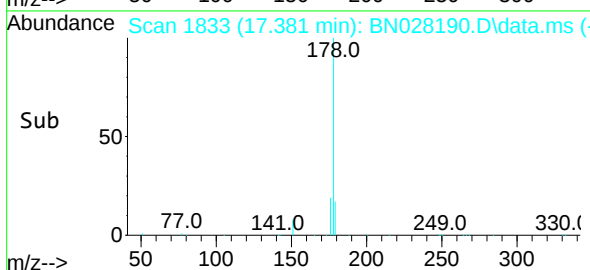
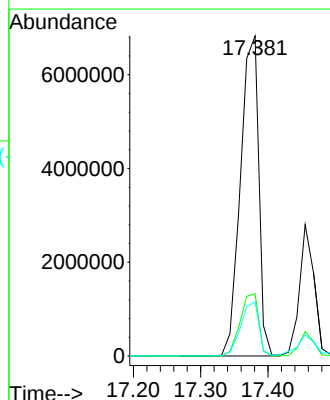
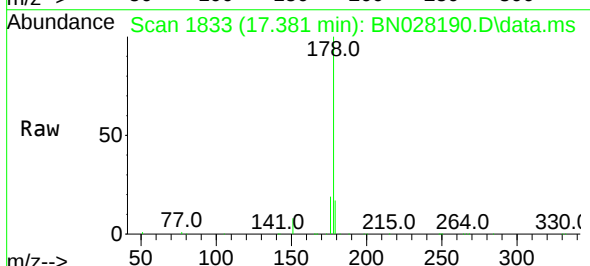
Delta R.T. 0.012 min

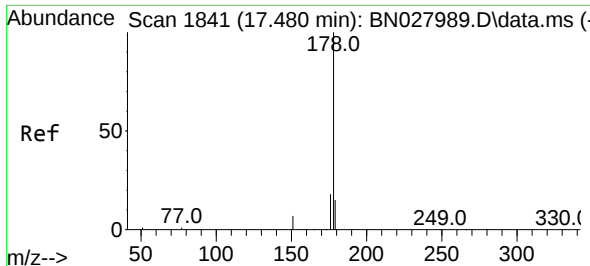
Lab File: BN028190.D

Acq: 10 Oct 2023 09:50

Tgt Ion:178 Resp:12907378

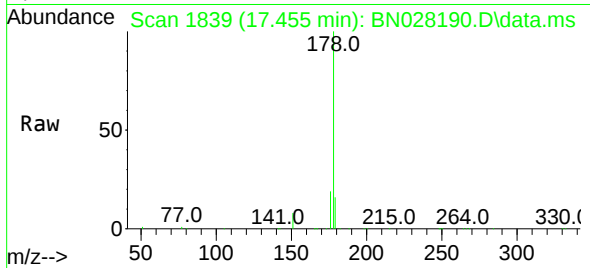
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.7  | 15.3  | 22.9  |
| 179 | 16.7  | 12.4  | 18.6  |





#26  
 Anthracene  
 Concen: 114.526 ng  
 RT: 17.455 min Scan# 1839  
 Delta R.T. 0.000 min  
 Lab File: BN028190.D  
 Acq: 10 Oct 2023 09:50

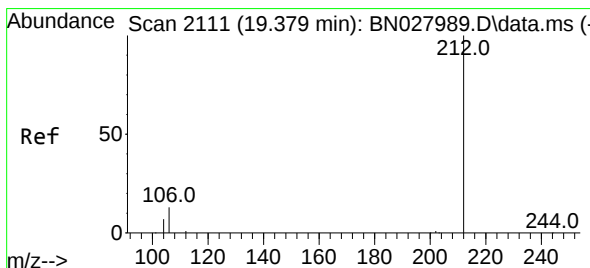
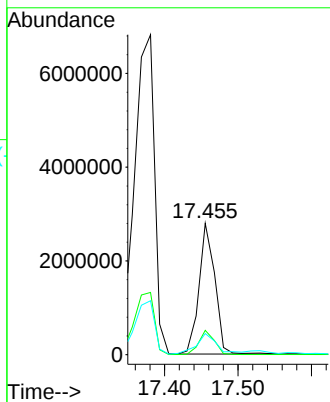
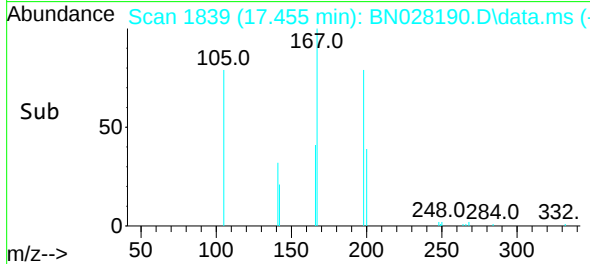
Instrument :  
 BNA\_N  
 ClientSampleId :  
 I-4(0-5)



Tgt Ion:178 Resp: 4185580  
 Ion Ratio Lower Upper  
 178 100  
 176 18.1 14.7 22.1  
 179 20.1 12.2 18.2

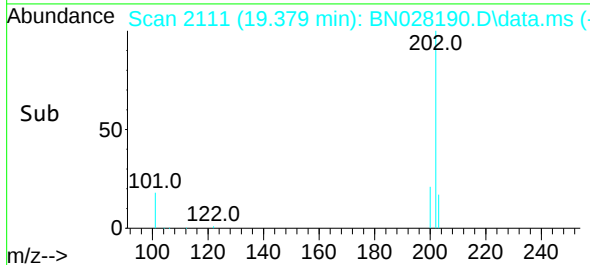
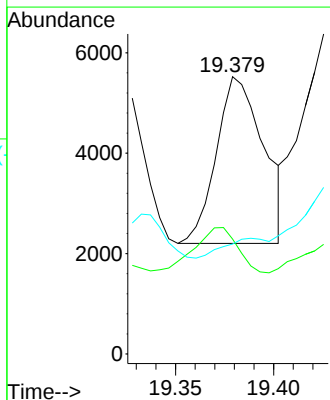
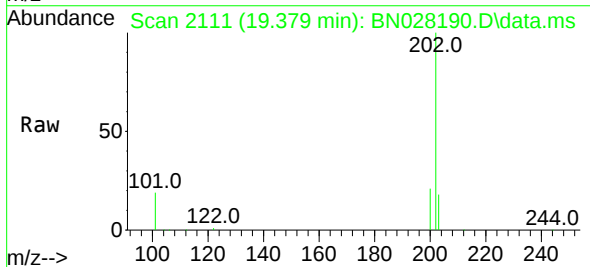
Manual Integrations  
 APPROVED

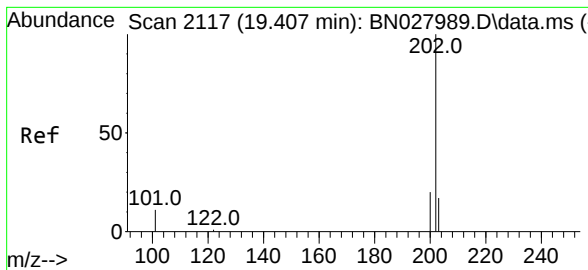
Reviewed By :Yogesh Patel 10/11/2023  
 Supervised By :mohammad ahmed 10/11/2023



#27  
 Fluoranthene-d10  
 Concen: 0.155 ng  
 RT: 19.379 min Scan# 2111  
 Delta R.T. 0.023 min  
 Lab File: BN028190.D  
 Acq: 10 Oct 2023 09:50

Tgt Ion:212 Resp: 5568  
 Ion Ratio Lower Upper  
 212 100  
 106 24.8 11.3 16.9#  
 104 11.1 6.4 9.6#





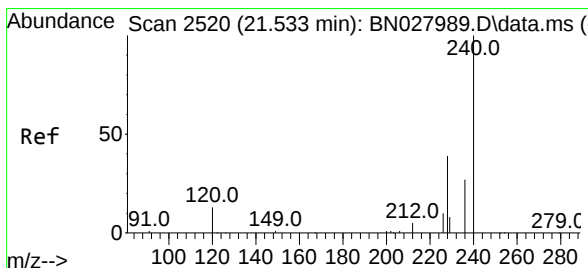
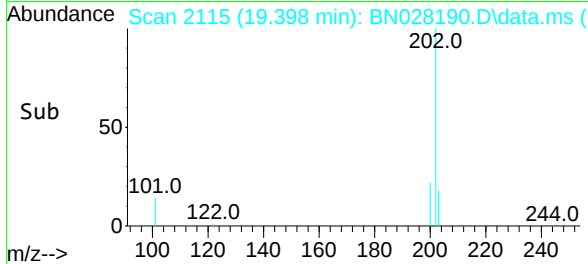
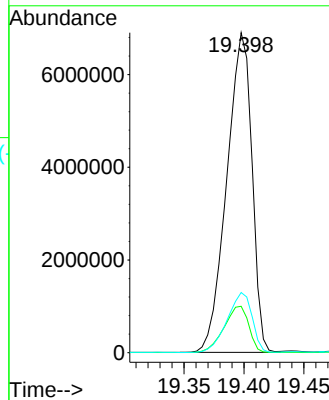
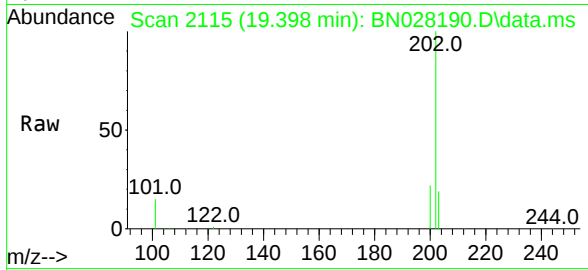
#28  
Fluoranthene  
Concen: 225.824 ng  
RT: 19.398 min Scan# 2115  
Delta R.T. 0.014 min  
Lab File: BN028190.D  
Acq: 10 Oct 2023 09:50

Instrument :  
BNA\_N  
ClientSampleId :  
I-4(0-5)

Tgt Ion:202 Resp:1007696  
Ion Ratio Lower Upper  
202 100  
101 14.3 9.8 14.6  
203 18.6 13.8 20.8

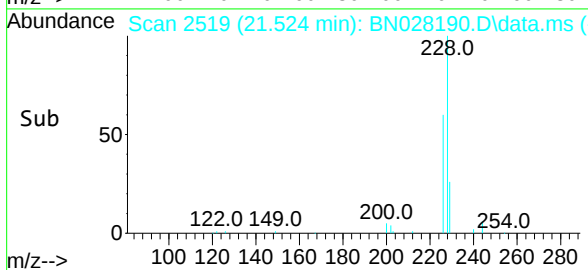
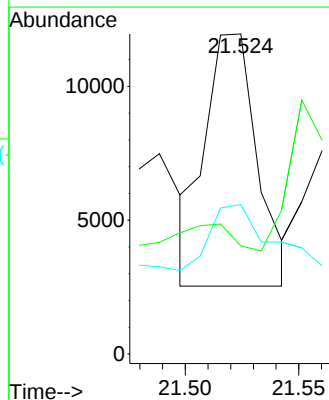
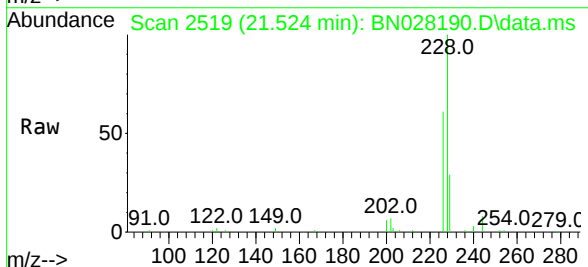
Manual Integrations  
APPROVED

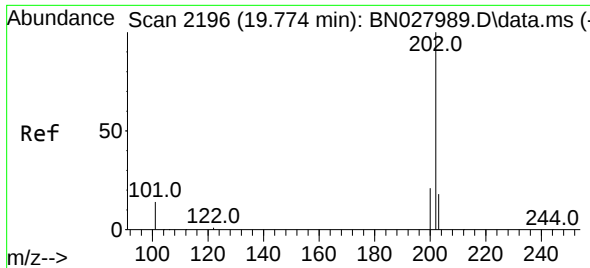
Reviewed By :Yogesh Patel 10/11/2023  
Supervised By :mohammad ahmed 10/11/2023



#29  
Chrysene-d12  
Concen: 0.400 ng m  
RT: 21.524 min Scan# 2519  
Delta R.T. 0.009 min  
Lab File: BN028190.D  
Acq: 10 Oct 2023 09:50

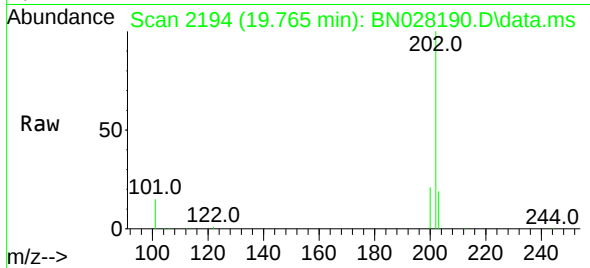
Tgt Ion:240 Resp: 15135  
Ion Ratio Lower Upper  
240 100  
120 33.8 13.8 20.6#  
236 46.7 22.6 33.8#





#30  
Pyrene  
Concen: 159.510 ng  
RT: 19.765 min Scan# 2196  
Delta R.T. 0.014 min  
Lab File: BN028190.D  
Acq: 10 Oct 2023 09:50

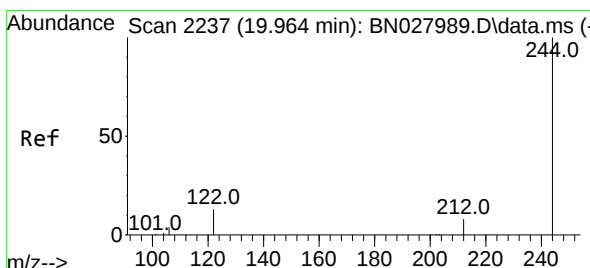
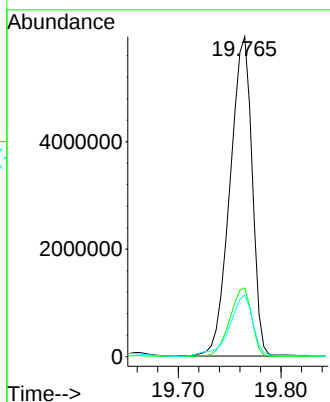
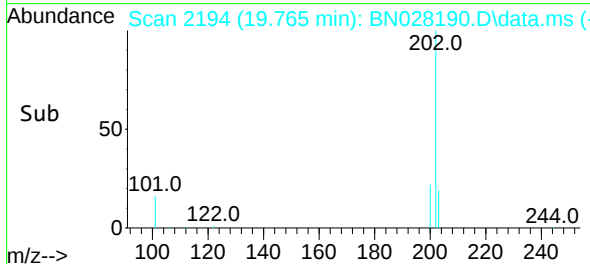
Instrument :  
BNA\_N  
ClientSampleId :  
I-4(0-5)



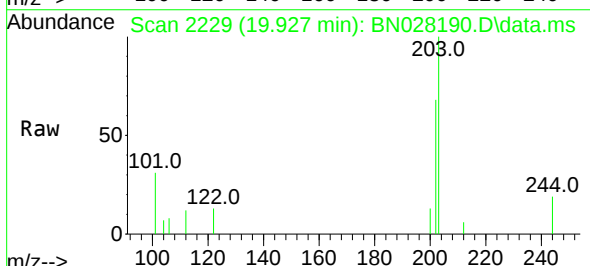
Tgt Ion:202 Resp: 8852570  
Ion Ratio Lower Upper  
202 100  
200 21.4 16.5 24.7  
203 20.4 14.7 22.1

Manual Integrations  
APPROVED

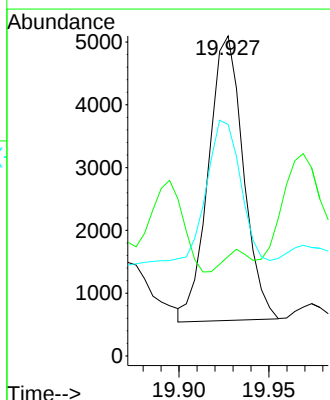
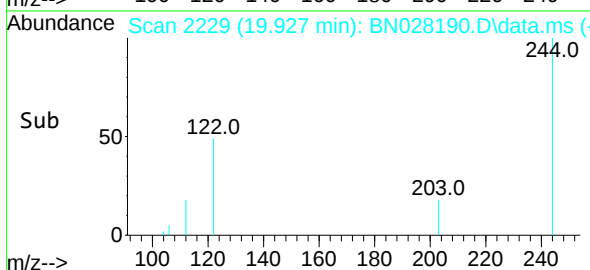
Reviewed By :Yogesh Patel 10/11/2023  
Supervised By :mohammad ahmed 10/11/2023

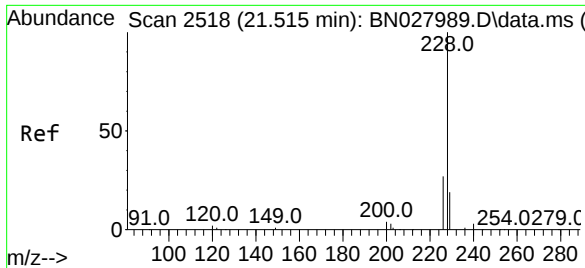


#31  
Terphenyl-d14  
Concen: 0.173 ng  
RT: 19.927 min Scan# 2229  
Delta R.T. -0.014 min  
Lab File: BN028190.D  
Acq: 10 Oct 2023 09:50



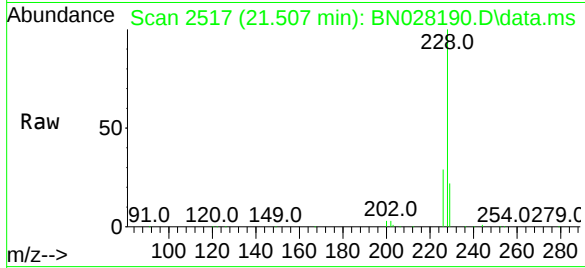
Tgt Ion:244 Resp: 6108  
Ion Ratio Lower Upper  
244 100  
212 31.1 6.6 9.8#  
122 72.4 11.4 17.0#





#32  
Benzo(a)anthracene  
Concen: 93.962 ng  
RT: 21.507 min Scan# 21518  
Delta R.T. 0.009 min  
Lab File: BN028190.D  
Acq: 10 Oct 2023 09:50

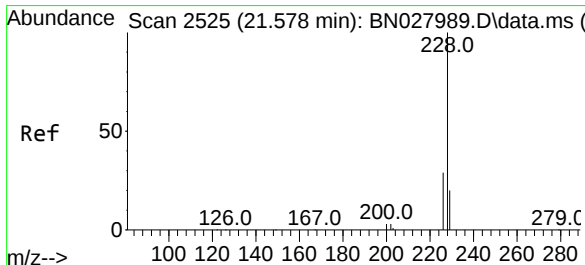
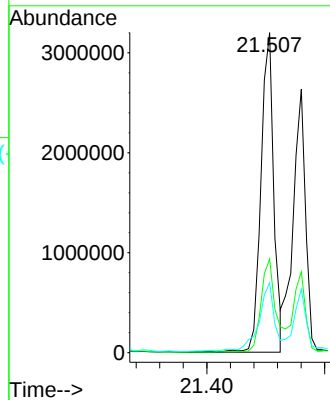
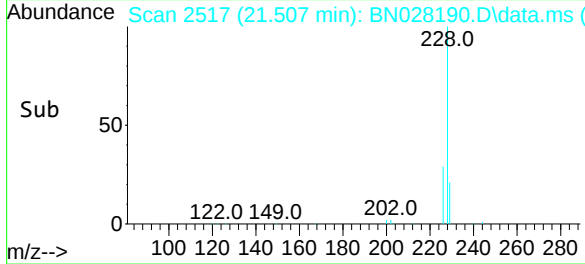
Instrument :  
BNA\_N  
ClientSampleId :  
I-4(0-5)



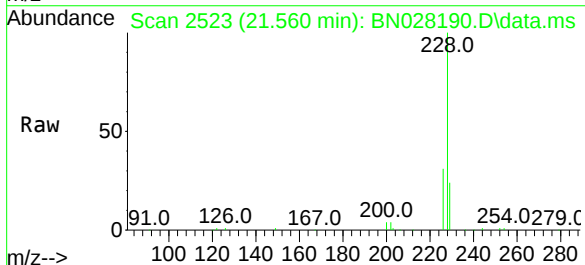
Tgt Ion:228 Resp: 483918  
Ion Ratio Lower Upper  
228 100  
226 29.3 22.0 33.0  
229 21.8 16.0 24.0

Manual Integrations  
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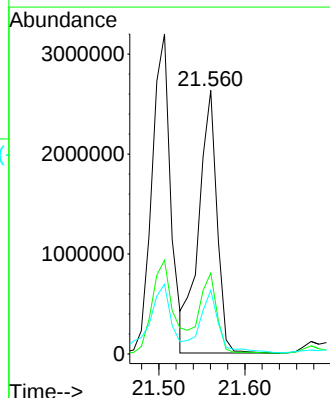
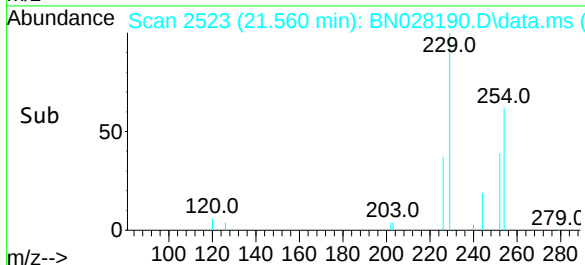
Reviewed By :Yogesh Patel 10/11/2023  
Supervised By :mohammad ahmed 10/11/2023

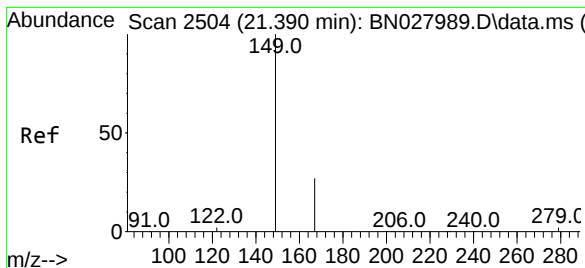


#33  
Chrysene  
Concen: 78.348 ng  
RT: 21.560 min Scan# 2523  
Delta R.T. 0.009 min  
Lab File: BN028190.D  
Acq: 10 Oct 2023 09:50



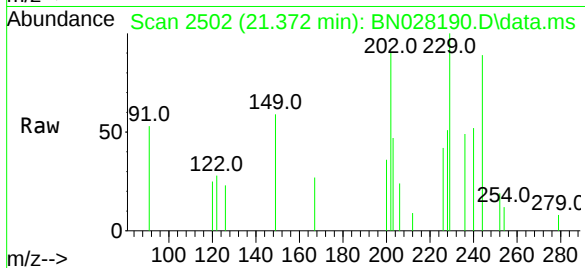
Tgt Ion:228 Resp: 3888623  
Ion Ratio Lower Upper  
228 100  
226 30.7 23.8 35.8  
229 24.1 16.6 25.0





#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.150 ng  
RT: 21.372 min Scan# 2137  
Delta R.T. 0.009 min  
Lab File: BN028190.D  
Acq: 10 Oct 2023 09:50

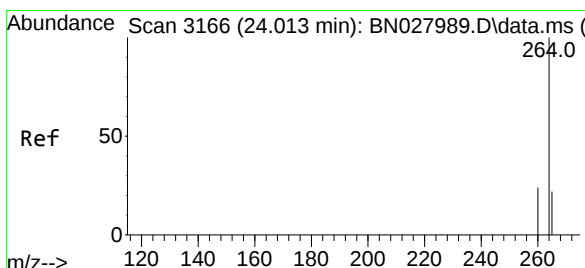
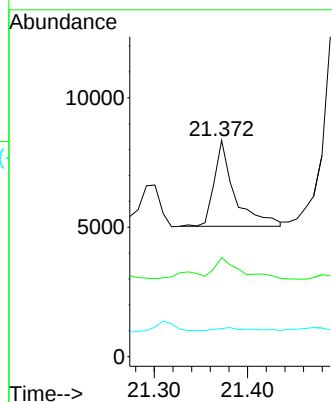
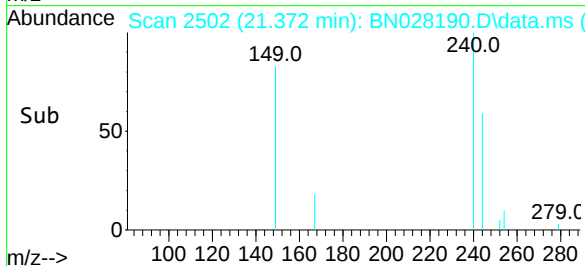
Instrument :  
BNA\_N  
ClientSampleId :  
I-4(0-5)



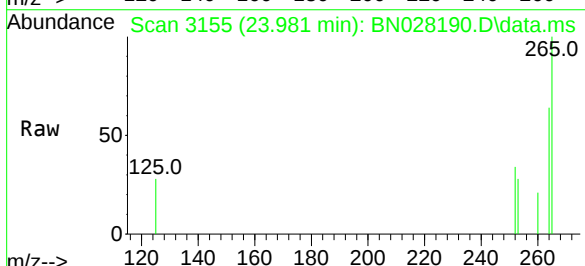
Tgt Ion:149 Resp: 507  
Ion Ratio Lower Upper  
149 100  
167 28.0 22.1 33.1  
279 4.9 3.4 5.0

Manual Integrations  
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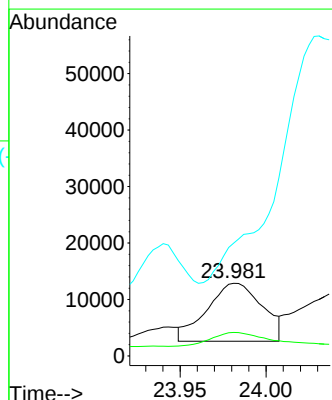
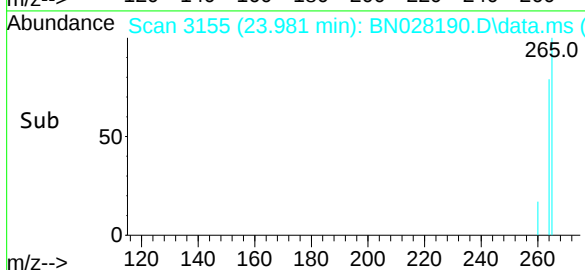
Reviewed By :Yogesh Patel 10/11/2023  
Supervised By :mohammad ahmed 10/11/2023

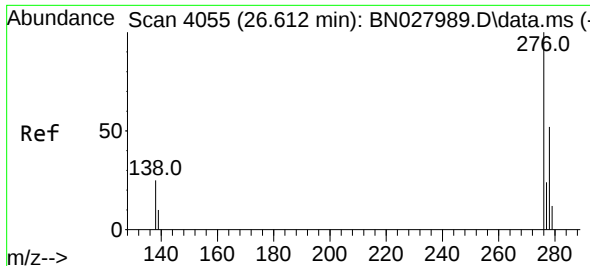


#35  
Perylene-d12  
Concen: 0.400 ng m  
RT: 23.981 min Scan# 3155  
Delta R.T. 0.006 min  
Lab File: BN028190.D  
Acq: 10 Oct 2023 09:50



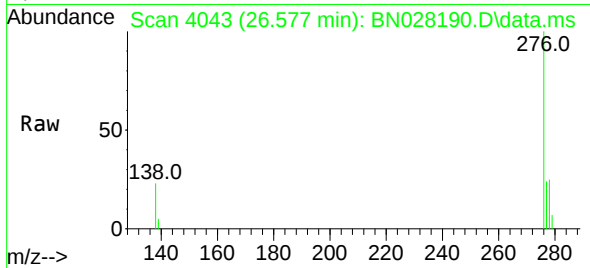
Tgt Ion:264 Resp: 23051  
Ion Ratio Lower Upper  
264 100  
260 32.5 20.2 30.4#  
265 155.4 54.8 82.2#





#36  
Indeno(1,2,3-cd)pyrene  
Concen: 25.127 ng  
RT: 26.577 min Scan# 4055  
Delta R.T. 0.021 min  
Lab File: BN028190.D  
Acq: 10 Oct 2023 09:50

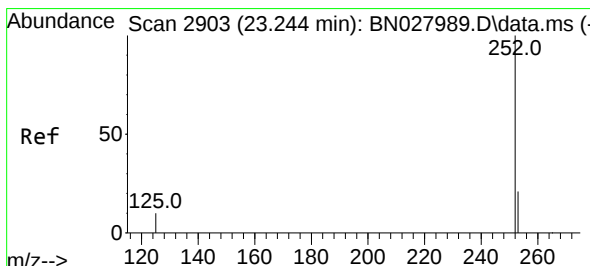
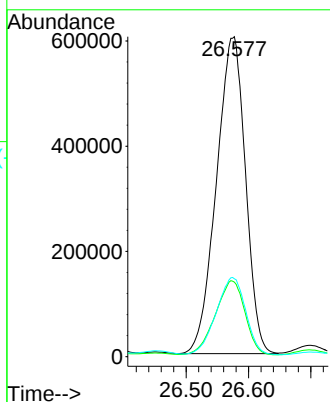
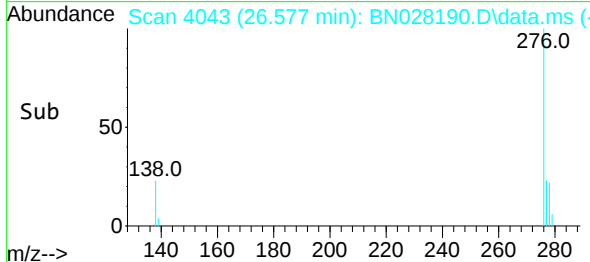
Instrument :  
BNA\_N  
ClientSampleId :  
I-4(0-5)



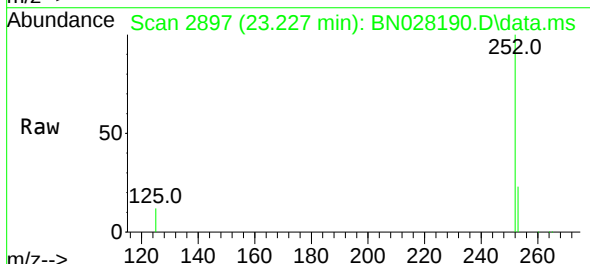
Tgt Ion:276 Resp: 194822  
Ion Ratio Lower Upper  
276 100  
138 23.8 20.9 31.3  
277 24.8 19.8 29.6

Manual Integrations  
APPROVED

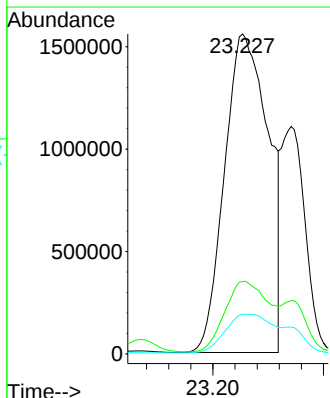
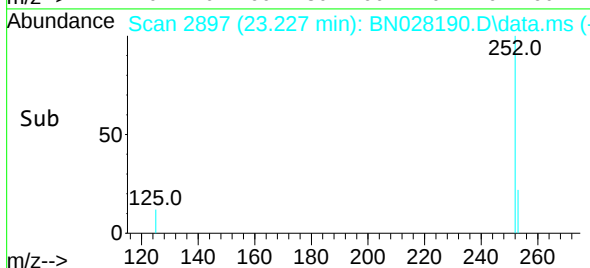
Reviewed By :Yogesh Patel 10/11/2023  
Supervised By :mohammad ahmed 10/11/2023

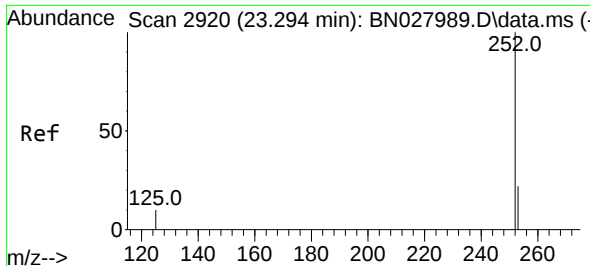


#37  
Benzo(b)fluoranthene  
Concen: 57.621 ng  
RT: 23.227 min Scan# 2897  
Delta R.T. 0.015 min  
Lab File: BN028190.D  
Acq: 10 Oct 2023 09:50



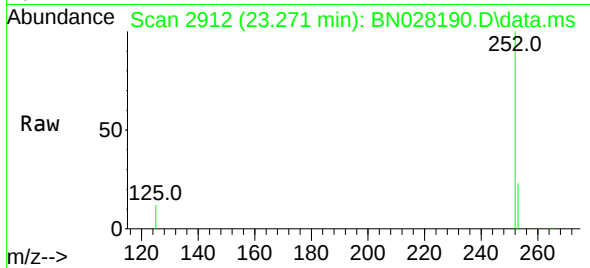
Tgt Ion:252 Resp: 4289655  
Ion Ratio Lower Upper  
252 100  
253 22.7 22.9 34.3#  
125 12.4 13.8 20.8#





#38  
Benzo(k)fluoranthene  
Concen: 24.149 ng m  
RT: 23.271 min Scan# 2912  
Delta R.T. 0.009 min  
Lab File: BN028190.D  
Acq: 10 Oct 2023 09:50

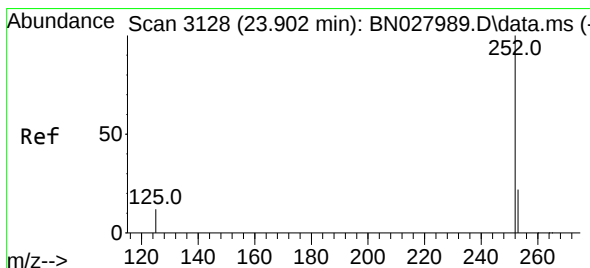
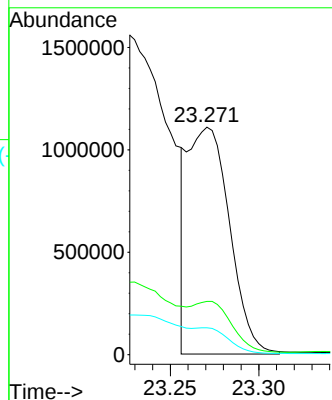
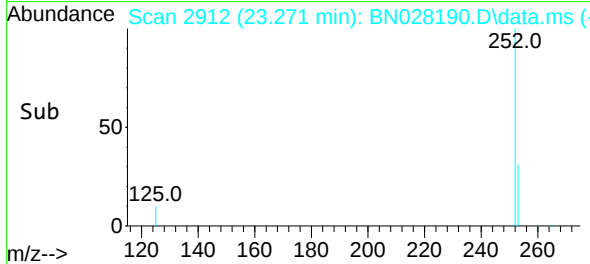
Instrument :  
BNA\_N  
ClientSampleId :  
I-4(0-5)



Tgt Ion:252 Resp: 1823498  
Ion Ratio Lower Upper  
252 100  
253 23.4 23.1 34.7  
125 11.8 13.8 20.8

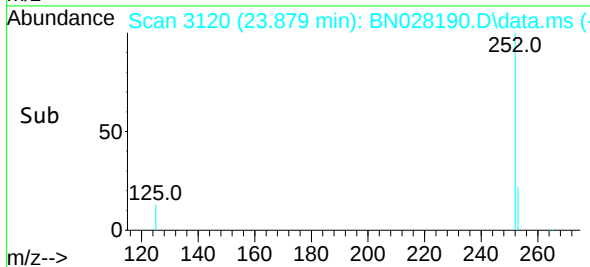
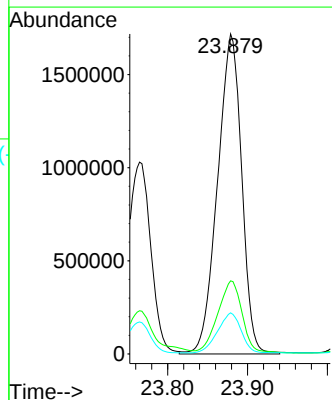
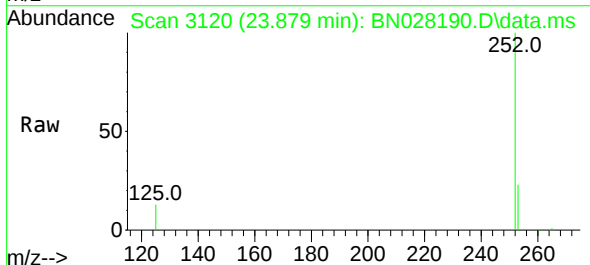
Manual Integrations  
APPROVED

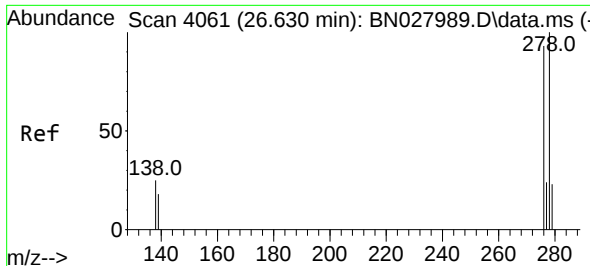
Reviewed By :Yogesh Patel 10/11/2023  
Supervised By :mohammad ahmed 10/11/2023



#39  
Benzo(a)pyrene  
Concen: 51.236 ng m  
RT: 23.879 min Scan# 3120  
Delta R.T. 0.015 min  
Lab File: BN028190.D  
Acq: 10 Oct 2023 09:50

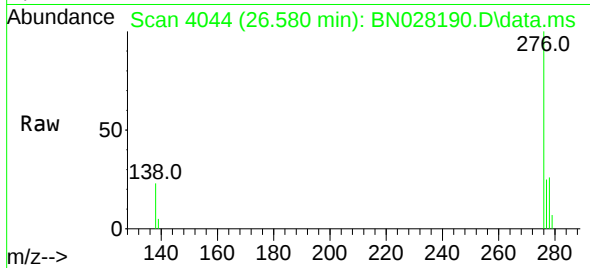
Tgt Ion:252 Resp: 3606752  
Ion Ratio Lower Upper  
252 100  
253 22.8 25.0 37.4#  
125 12.8 16.6 24.8#





#40  
Dibenzo(a,h)anthracene  
Concen: 9.249 ng  
RT: 26.580 min Scan# 4061  
Delta R.T. 0.003 min  
Lab File: BN028190.D  
Acq: 10 Oct 2023 09:50

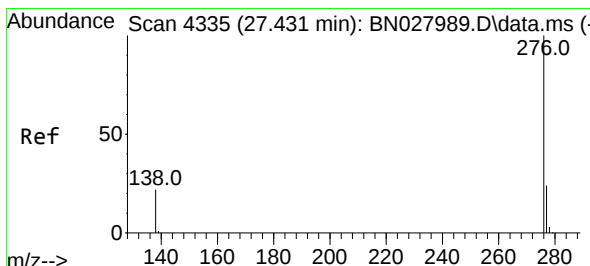
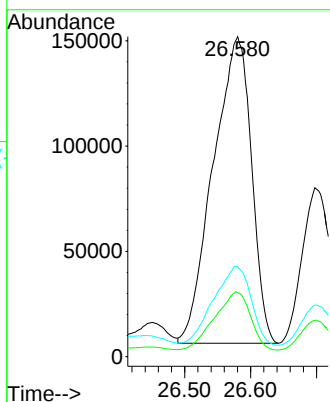
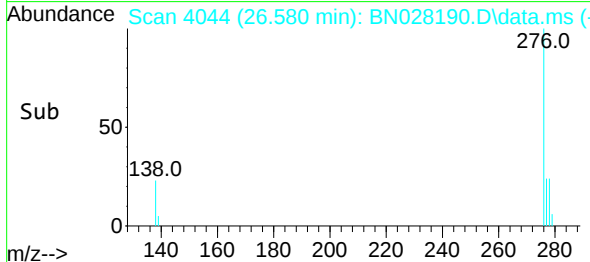
Instrument :  
BNA\_N  
ClientSampleId :  
I-4(0-5)



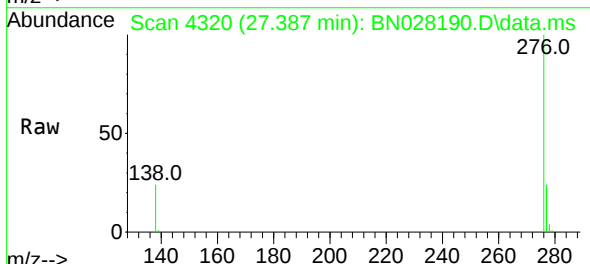
Tgt Ion:278 Resp: 586612  
Ion Ratio Lower Upper  
278 100  
139 20.0 17.7 26.5  
279 28.0 25.2 37.8

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/11/2023  
Supervised By :mohammad ahmed 10/11/2023



#41  
Benzo(g,h,i)perylene  
Concen: 27.207 ng  
RT: 27.387 min Scan# 4320  
Delta R.T. 0.021 min  
Lab File: BN028190.D  
Acq: 10 Oct 2023 09:50



Tgt Ion:276 Resp: 1771323  
Ion Ratio Lower Upper  
276 100  
277 24.0 22.1 33.1  
138 23.6 20.8 31.2

