

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022424\  
 Data File : BN030033.D  
 Acq On : 25 Feb 2024 17:55  
 Operator : MA/JU  
 Sample : PB159230BS  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB159230BS

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024  
 Supervised By :mohammad ahmed 02/27/2024

Quant Time: Feb 26 02:52:01 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 26 02:39:45 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.854  | 152  | 5140     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.648 | 136  | 13503    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.490 | 164  | 5934     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.255 | 188  | 10929    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.465 | 240  | 6617     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.826 | 264  | 6062     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.435  | 112  | 4749     | 0.385 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.024  | 99   | 5285     | 0.371 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.014  | 82   | 4704     | 0.418 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.242 | 152  | 9312     | 0.506 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.002 | 330  | 653      | 0.343 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.121 | 172  | 10268    | 0.403 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.289 | 212  | 9662     | 0.365 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.903 | 244  | 8079     | 0.492 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.362  | 88   | 2100     | 0.290 | ng    | # 39     |
| 3) n-Nitrosodimethylamine     | 3.687  | 42   | 2513     | 0.426 | ng    | # 95     |
| 6) bis(2-Chloroethyl)ether    | 7.291  | 93   | 5563     | 0.409 | ng    | 99       |
| 9) Naphthalene                | 10.701 | 128  | 14597    | 0.379 | ng    | 100      |
| 10) Hexachlorobutadiene       | 10.979 | 225  | 2794     | 0.383 | ng    | # 100    |
| 12) 2-Methylnaphthalene       | 12.318 | 142  | 8617     | 0.381 | ng    | 99       |
| 16) Acenaphthylene            | 14.212 | 152  | 10748    | 0.381 | ng    | 100      |
| 17) Acenaphthene              | 14.554 | 154  | 7052     | 0.373 | ng    | 99       |
| 18) Fluorene                  | 15.555 | 166  | 8540     | 0.360 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.666 | 198  | 381      | 0.237 | ng    | # 74     |
| 21) 4-Bromophenyl-phenylether | 16.448 | 248  | 2479m    | 0.381 | ng    |          |
| 22) Hexachlorobenzene         | 16.548 | 284  | 3175     | 0.398 | ng    | 93       |
| 23) Atrazine                  | 16.734 | 200  | 1711     | 0.370 | ng    | 96       |
| 24) Pentachlorophenol         | 16.908 | 266  | 1966     | 0.777 | ng    | 99       |
| 25) Phenanthrene              | 17.293 | 178  | 11672    | 0.361 | ng    | 99       |
| 26) Anthracene                | 17.392 | 178  | 10274    | 0.373 | ng    | 100      |
| 28) Fluoranthene              | 19.322 | 202  | 12606    | 0.347 | ng    | 98       |
| 30) Pyrene                    | 19.684 | 202  | 12680    | 0.416 | ng    | 99       |
| 32) Benzo(a)anthracene        | 21.447 | 228  | 7906     | 0.350 | ng    | 99       |
| 33) Chrysene                  | 21.501 | 228  | 10813    | 0.421 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.384 | 149  | 5075     | 0.329 | ng    | # 99     |
| 36) Indeno(1,2,3-cd)pyrene    | 26.285 | 276  | 11008m   | 0.452 | ng    |          |
| 37) Benzo(b)fluoranthene      | 23.110 | 252  | 8528     | 0.393 | ng    | 95       |
| 38) Benzo(k)fluoranthene      | 23.157 | 252  | 9164     | 0.404 | ng    | 95       |
| 39) Benzo(a)pyrene            | 23.724 | 252  | 7861     | 0.416 | ng    | 91       |
| 40) Dibenzo(a,h)anthracene    | 26.323 | 278  | 8376     | 0.432 | ng    | 94       |
| 41) Benzo(g,h,i)perylene      | 27.013 | 276  | 9818     | 0.415 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

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

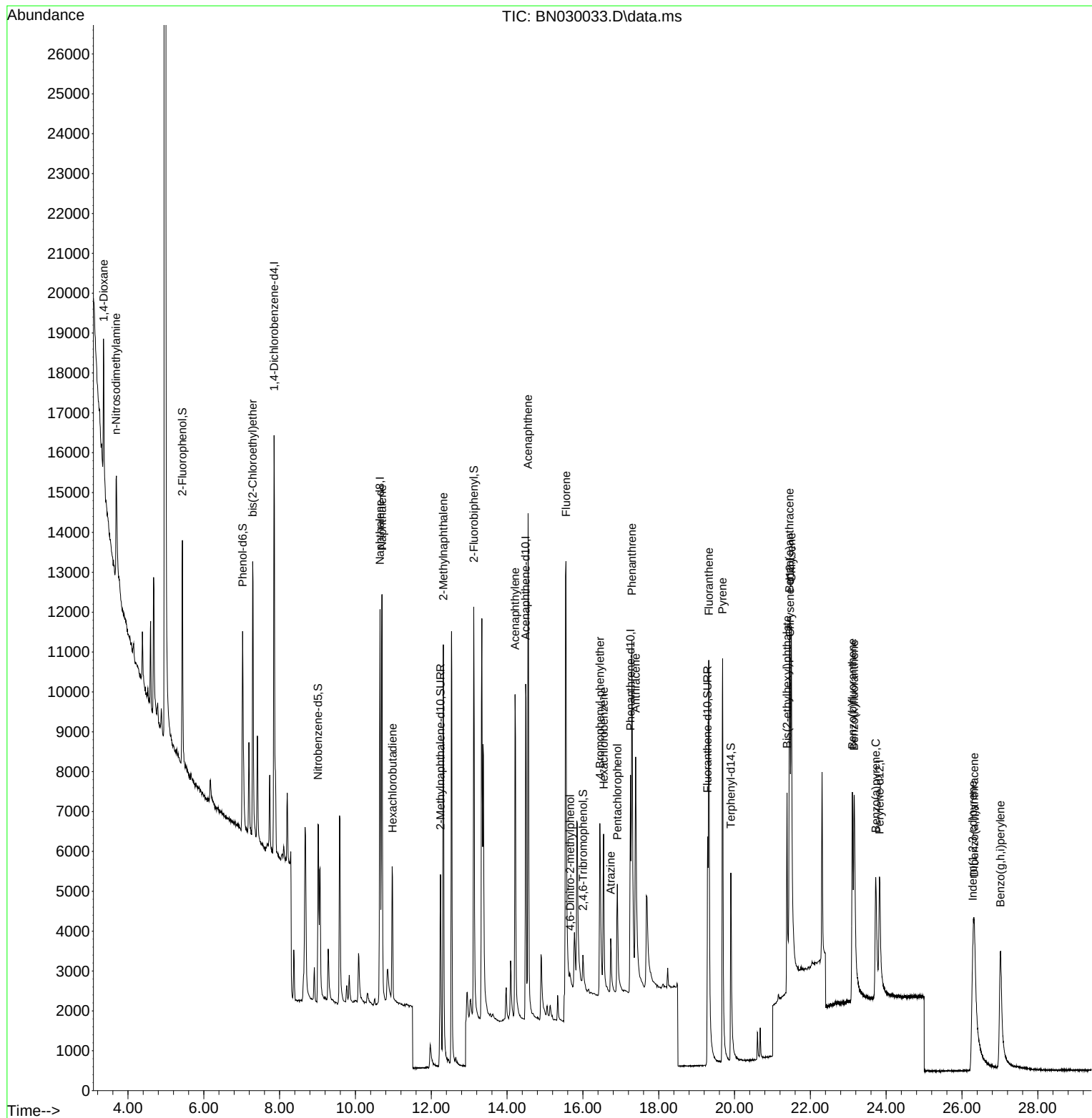
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022424\  
 Data File : BN030033.D  
 Acq On : 25 Feb 2024 17:55  
 Operator : MA/JU  
 Sample : PB159230BS  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

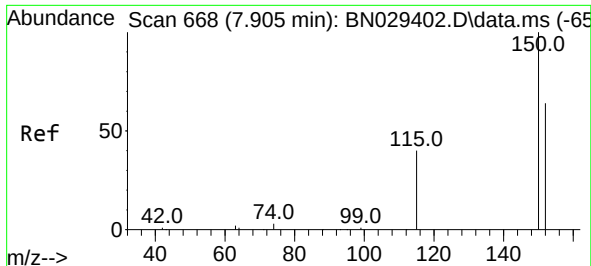
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB159230BS

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024  
 Supervised By :mohammad ahmed 02/27/2024

Quant Time: Feb 26 02:52:01 2024  
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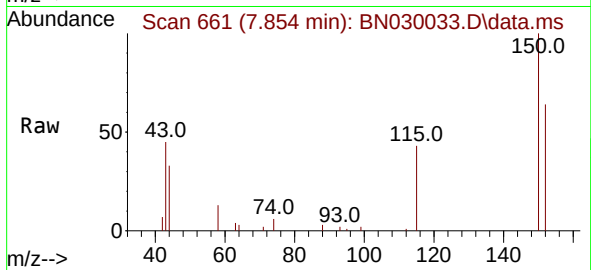
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.854 min Scan# 60  
 Delta R.T. 0.000 min  
 Lab File: BN030033.D  
 Acq: 25 Feb 2024 17:55

Instrument :

BNA\_N

ClientSampleId :

PB159230BS

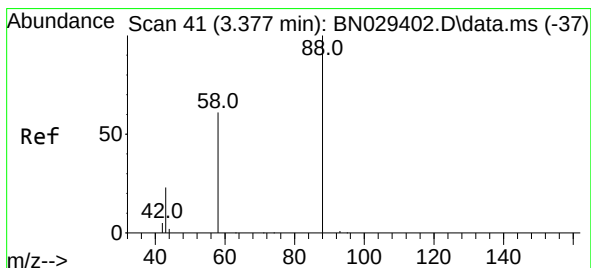
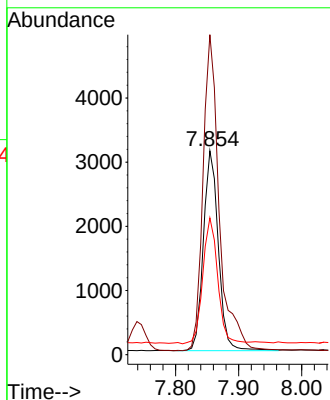
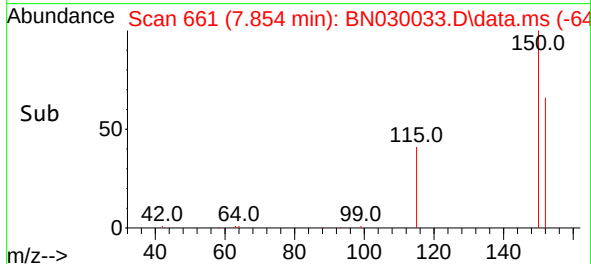


Tgt Ion: 152 Resp: 5140  
 Ion Ratio Lower Upper  
 152 100  
 150 157.0 123.0 184.4  
 115 67.1 51.4 77.0

Manual Integrations

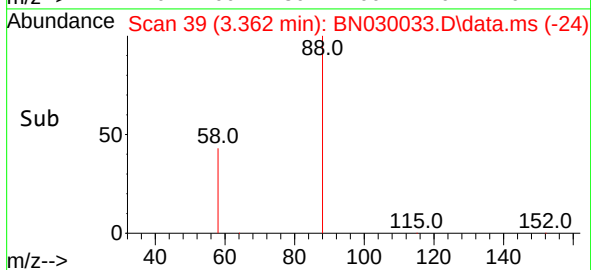
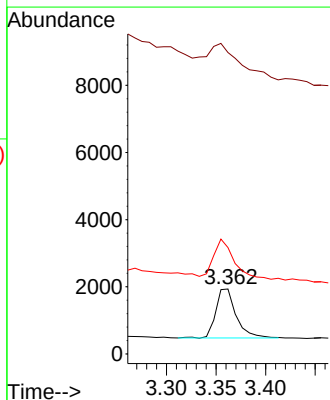
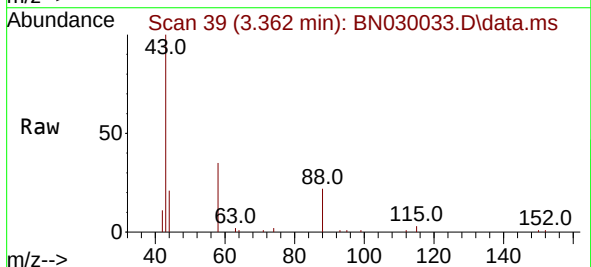
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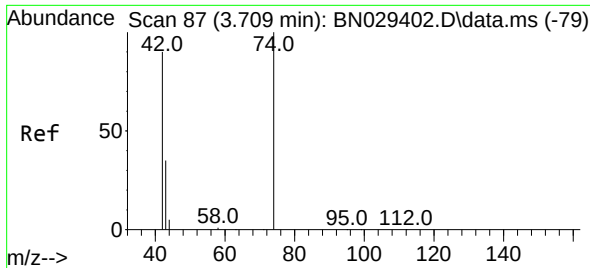
Reviewed By :Jagrut Upadhyay 02/26/2024  
 Supervised By :mohammad ahmed 02/27/2024



#2  
 1,4-Dioxane  
 Concen: 0.290 ng  
 RT: 3.362 min Scan# 39  
 Delta R.T. 0.007 min  
 Lab File: BN030033.D  
 Acq: 25 Feb 2024 17:55

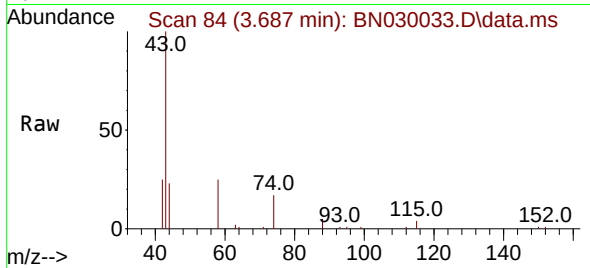
Tgt Ion: 88 Resp: 2100  
 Ion Ratio Lower Upper  
 88 100  
 43 114.3 23.3 34.9#  
 58 81.7 53.8 80.6#





#3  
n-Nitrosodimethylamine  
Concen: 0.426 ng  
RT: 3.687 min Scan# 84  
Delta R.T. -0.000 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55

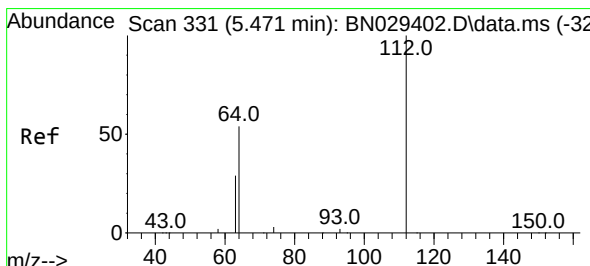
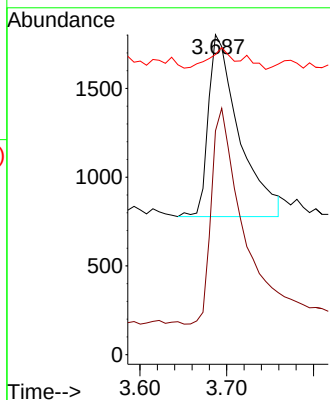
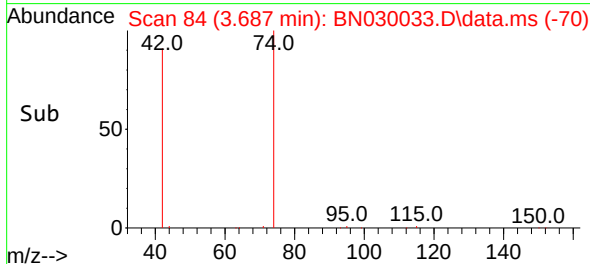
Instrument :  
BNA\_N  
ClientSampleId :  
PB159230BS



Tgt Ion: 42 Resp: 251  
Ion Ratio Lower Upper  
42 100  
74 119.8 93.7 140.5  
44 8.0 13.0 19.4

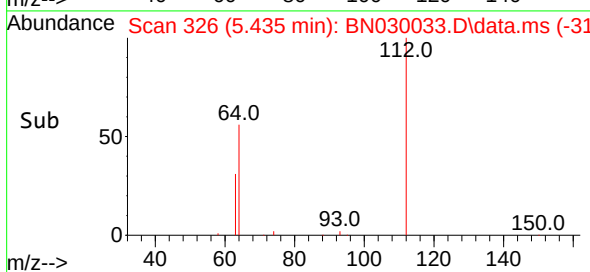
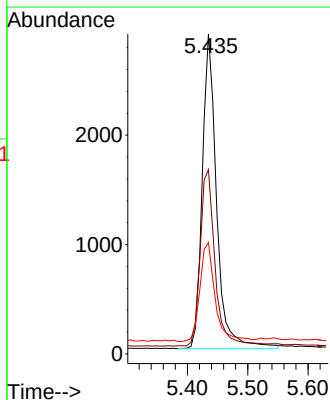
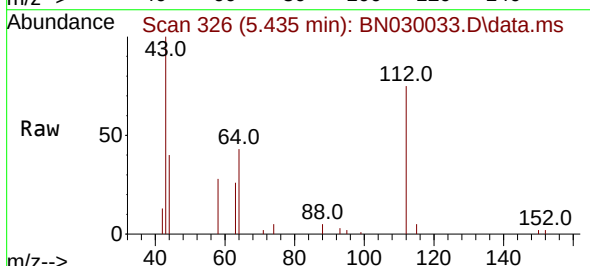
Manual Integrations  
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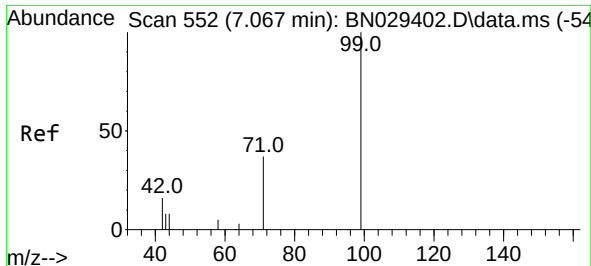
Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024



#4  
2-Fluorophenol  
Concen: 0.385 ng  
RT: 5.435 min Scan# 326  
Delta R.T. 0.007 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55

Tgt Ion:112 Resp: 4749  
Ion Ratio Lower Upper  
112 100  
64 58.6 47.2 70.8  
63 33.2 25.8 38.6





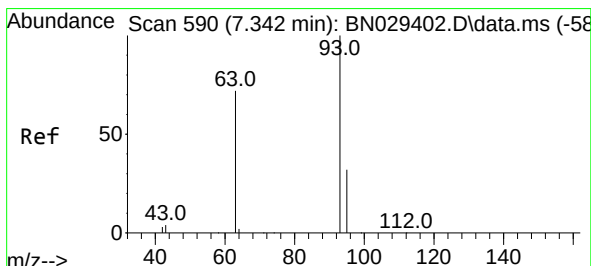
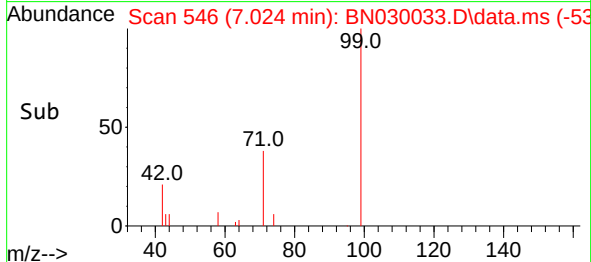
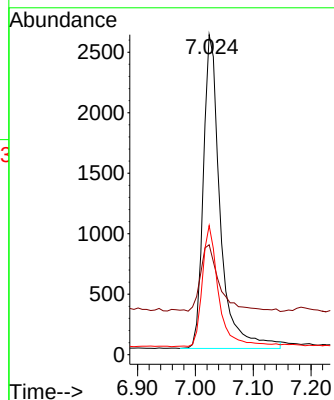
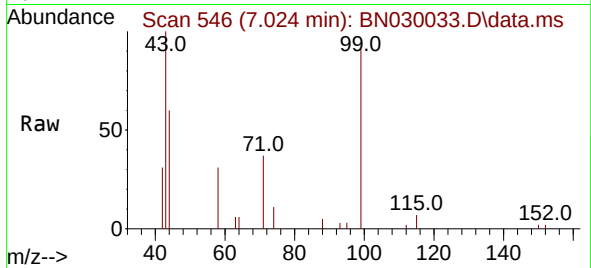
#5  
Phenol-d6  
Concen: 0.371 ng  
RT: 7.024 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55

Instrument :  
BNA\_N  
ClientSampleId :  
PB159230BS

Tgt Ion: 99 Resp: 528  
Ion Ratio Lower Upper  
99 100  
42 24.2 16.9 25.3  
71 38.0 30.0 45.0

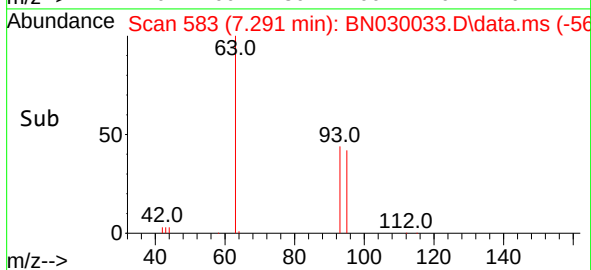
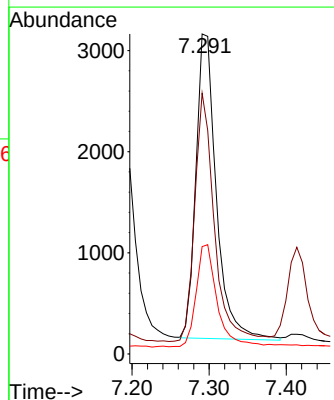
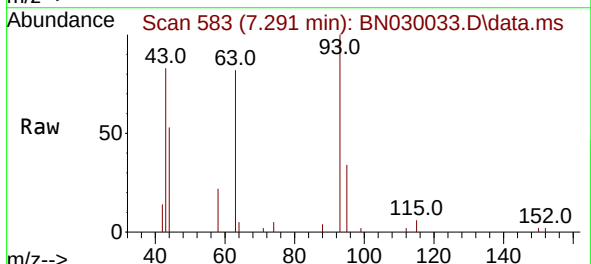
Manual Integrations  
APPROVED

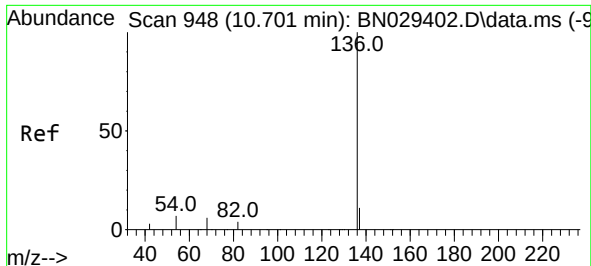
Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024



#6  
bis(2-Chloroethyl)ether  
Concen: 0.409 ng  
RT: 7.291 min Scan# 583  
Delta R.T. -0.000 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55

Tgt Ion: 93 Resp: 5563  
Ion Ratio Lower Upper  
93 100  
63 78.4 63.1 94.7  
95 35.5 27.1 40.7





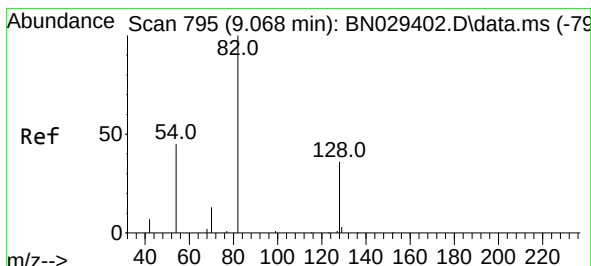
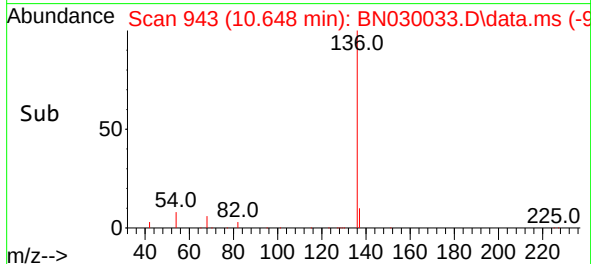
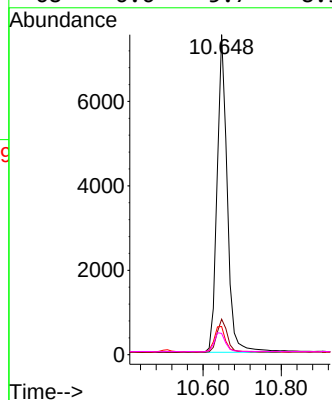
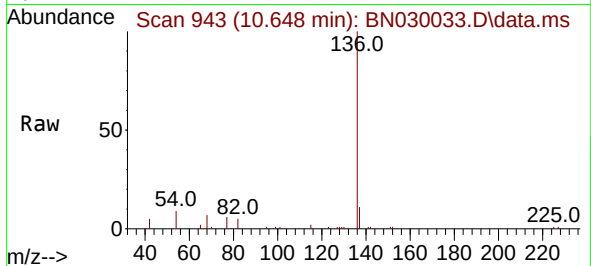
#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.648 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55

Instrument :  
BNA\_N  
ClientSampleId :  
PB159230BS

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 136   | Resp: | 1350 |
| Ion Ratio | Lower | Upper |      |
| 136       | 100   |       |      |
| 137       | 11.1  | 9.7   | 14.5 |
| 54        | 8.8   | 6.6   | 10.0 |
| 68        | 6.6   | 5.7   | 8.5  |

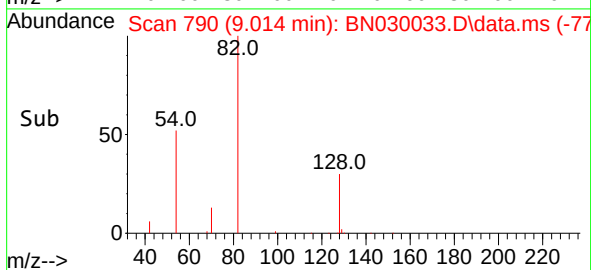
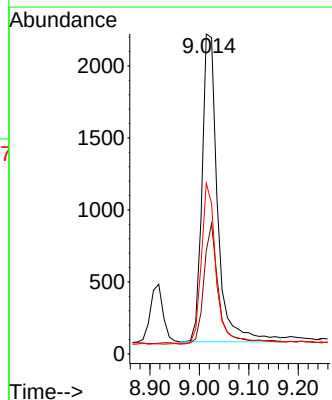
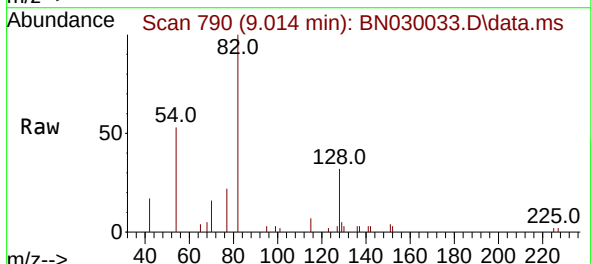
Manual Integrations  
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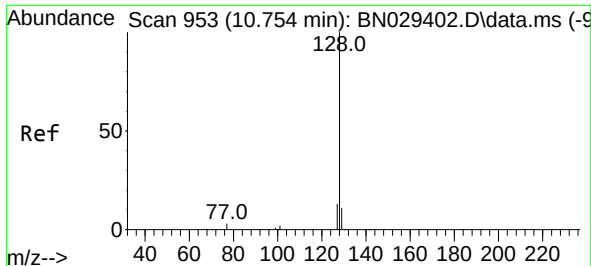
Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024



#8  
Nitrobenzene-d5  
Concen: 0.418 ng  
RT: 9.014 min Scan# 790  
Delta R.T. 0.000 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 4704 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 32.3  | 31.6  | 47.4 |
| 54        | 53.3  | 38.2  | 57.4 |





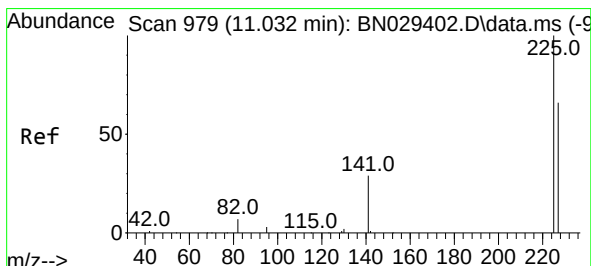
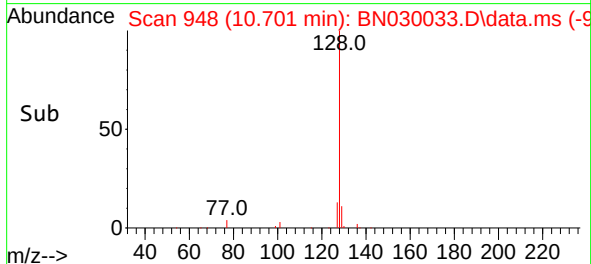
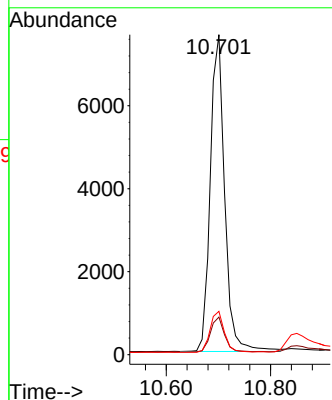
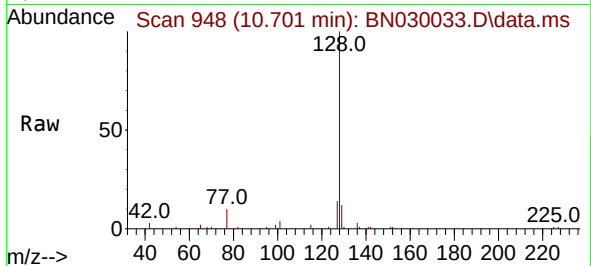
#9  
Naphthalene  
Concen: 0.379 ng  
RT: 10.701 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55

Instrument :  
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ClientSampleId :  
PB159230BS

Tgt Ion:128 Resp: 1459  
Ion Ratio Lower Upper  
128 100  
129 11.7 9.5 14.3  
127 13.6 10.8 16.2

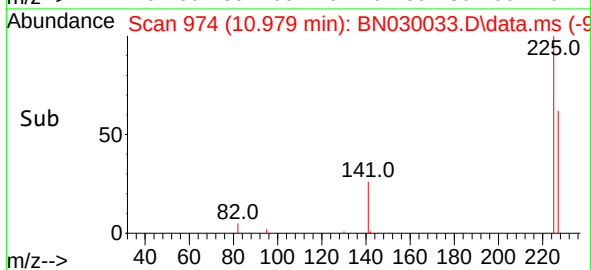
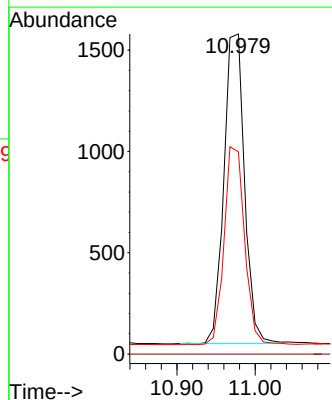
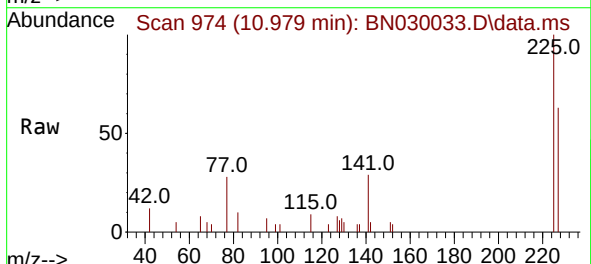
Manual Integrations  
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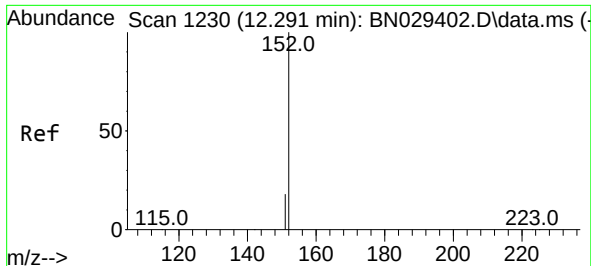
Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024



#10  
Hexachlorobutadiene  
Concen: 0.383 ng  
RT: 10.979 min Scan# 974  
Delta R.T. 0.000 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55

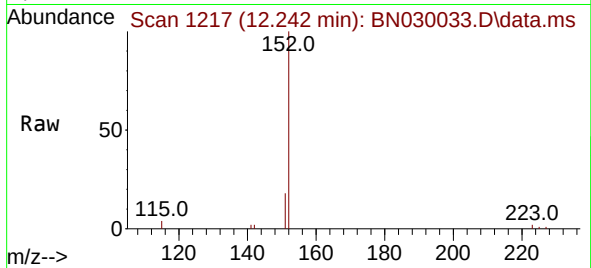
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Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.6 51.1 76.7





#11  
2-Methylnaphthalene-d10  
Concen: 0.506 ng  
RT: 12.242 min Scan# 1217  
Delta R.T. -0.004 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55

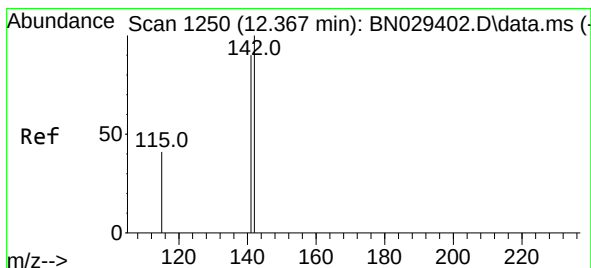
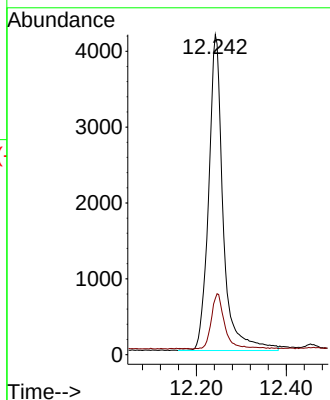
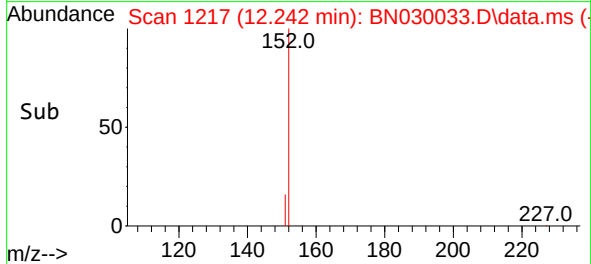
Instrument :  
BNA\_N  
ClientSampleId :  
PB159230BS



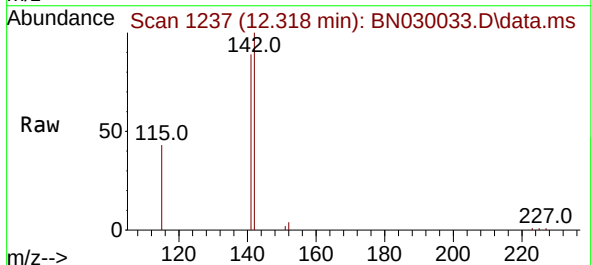
Tgt Ion:152 Resp: 9312  
Ion Ratio Lower Upper  
152 100  
151 16.0 17.1 25.7

Manual Integrations  
APPROVED

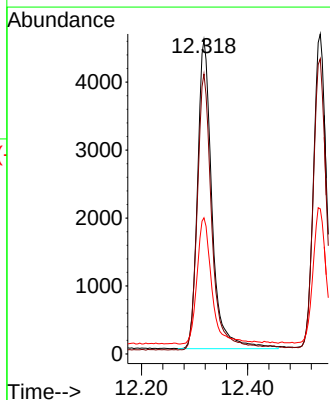
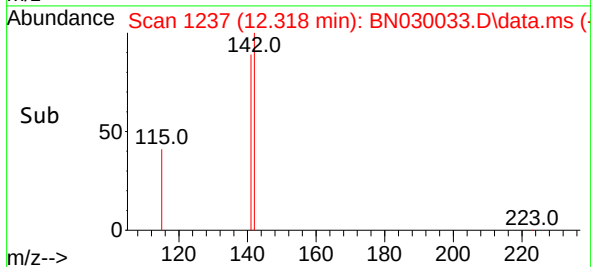
Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024



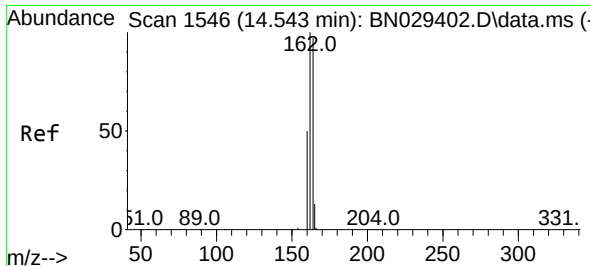
#12  
2-Methylnaphthalene  
Concen: 0.381 ng  
RT: 12.318 min Scan# 1237  
Delta R.T. -0.000 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55



Tgt Ion:142 Resp: 8617  
Ion Ratio Lower Upper  
142 100  
141 89.2 71.9 107.9  
115 43.4 33.9 50.9

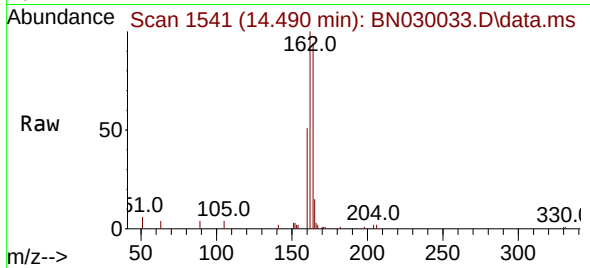






#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.490 min Scan# 1546  
Delta R.T. -0.000 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55

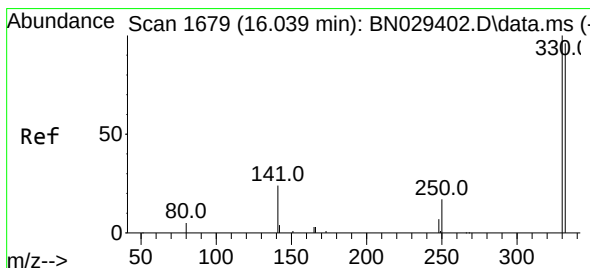
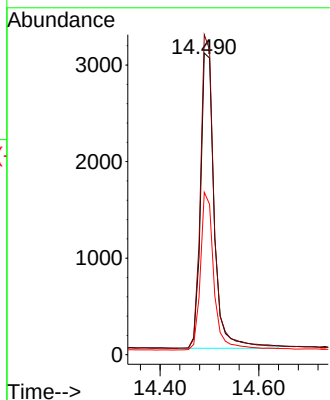
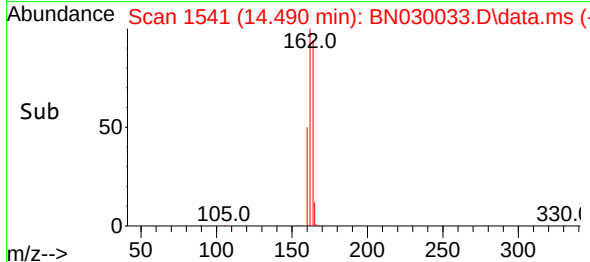
Instrument :  
BNA\_N  
ClientSampleId :  
PB159230BS



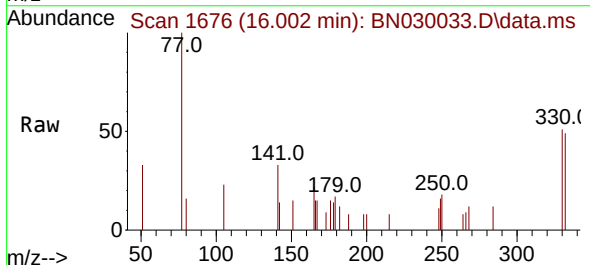
Tgt Ion:164 Resp: 5934  
Ion Ratio Lower Upper  
164 100  
162 106.1 82.6 123.8  
160 53.9 41.5 62.3

Manual Integrations  
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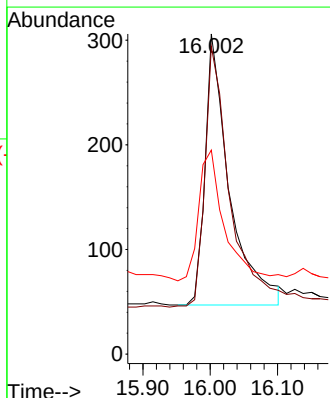
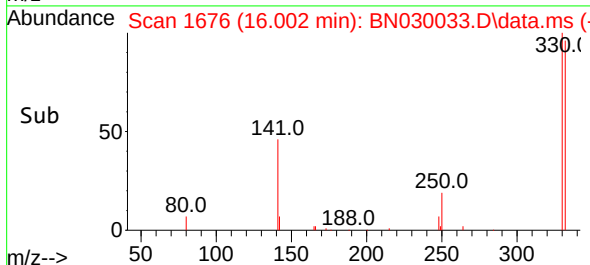
Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024

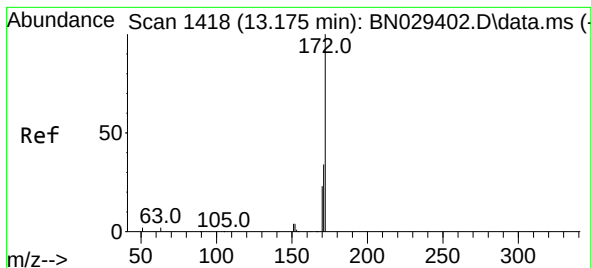


#14  
2,4,6-Tribromophenol  
Concen: 0.343 ng  
RT: 16.002 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55



Tgt Ion:330 Resp: 653  
Ion Ratio Lower Upper  
330 100  
332 99.1 76.0 114.0  
141 50.4 43.4 65.2





#15  
2-Fluorobiphenyl  
Concen: 0.403 ng  
RT: 13.121 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55

Instrument :

BNA\_N

ClientSampleId :

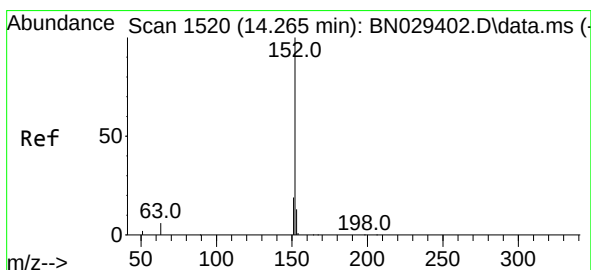
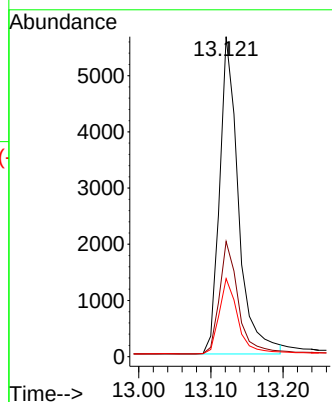
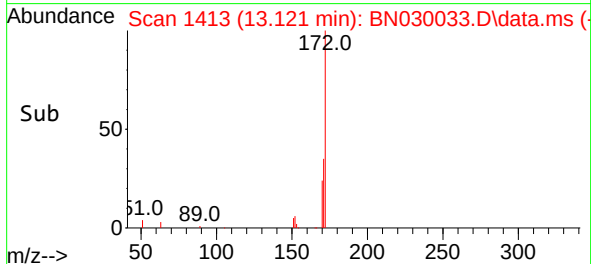
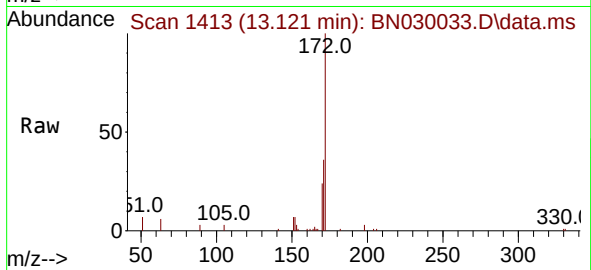
PB159230BS

Tgt Ion:172 Resp: 10268  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.0 42.0  
170 24.4 18.7 28.1

Manual Integrations

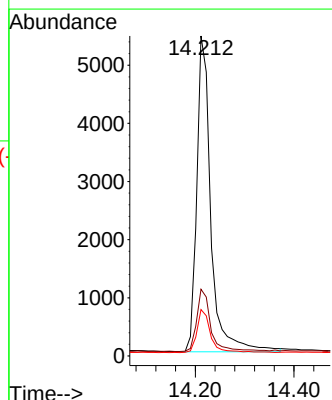
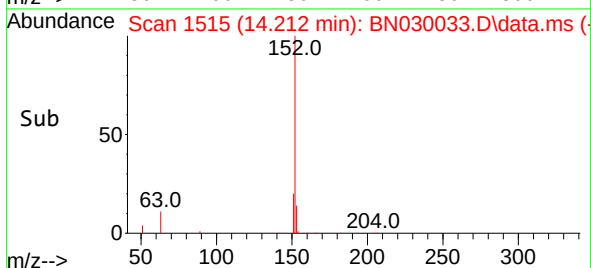
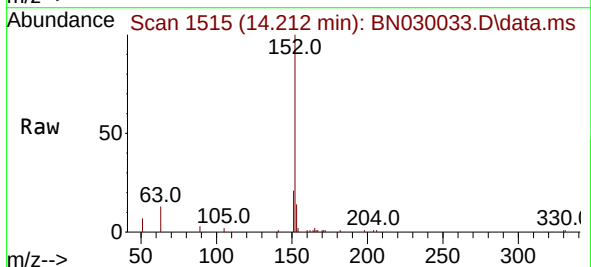
APPROVED

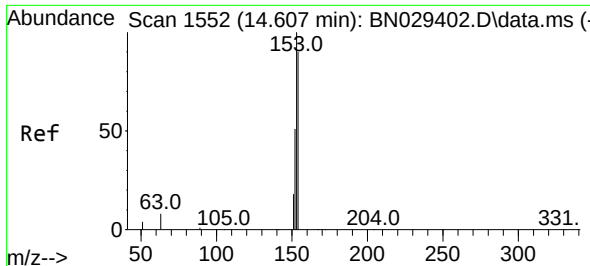
Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024



#16  
Acenaphthylene  
Concen: 0.381 ng  
RT: 14.212 min Scan# 1515  
Delta R.T. 0.000 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55

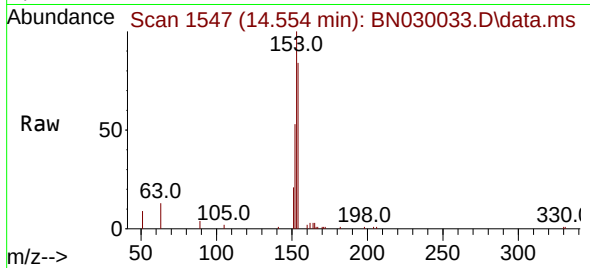
Tgt Ion:152 Resp: 10748  
Ion Ratio Lower Upper  
152 100  
151 19.7 15.9 23.9  
153 13.2 10.5 15.7





#17  
Acenaphthene  
Concen: 0.373 ng  
RT: 14.554 min Scan# 1547  
Delta R.T. -0.000 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55

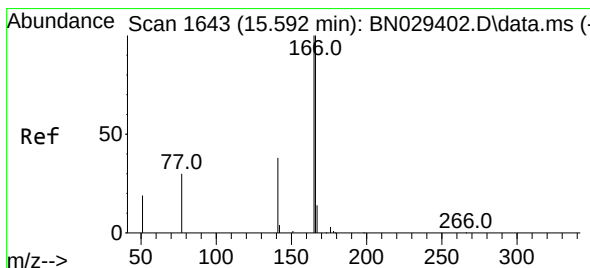
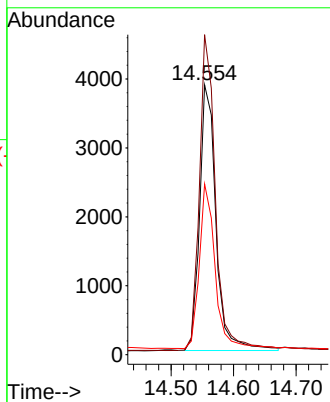
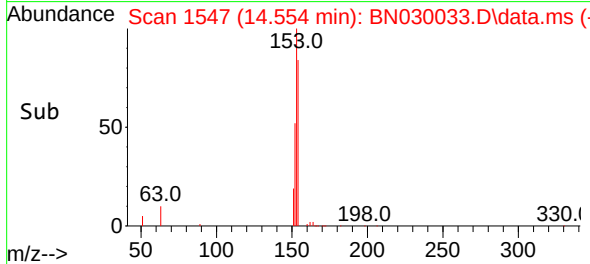
Instrument :  
BNA\_N  
ClientSampleId :  
PB159230BS



Tgt Ion:154 Resp: 7052  
Ion Ratio Lower Upper  
154 100  
153 117.7 93.6 140.4  
152 59.8 48.6 73.0

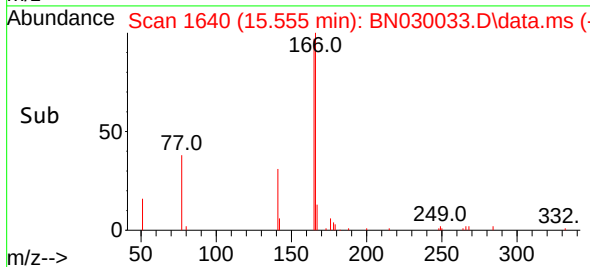
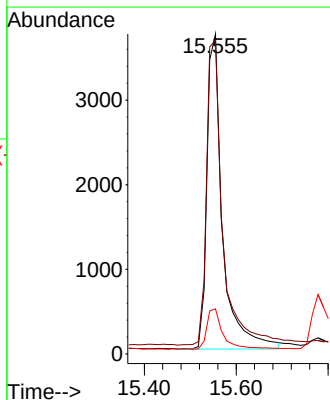
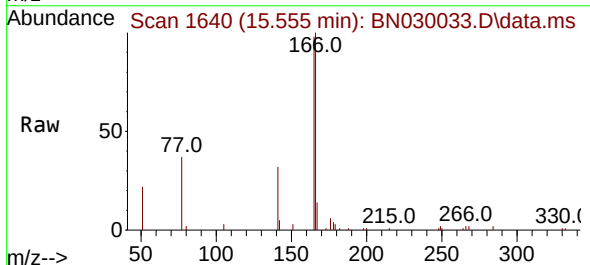
Manual Integrations  
APPROVED

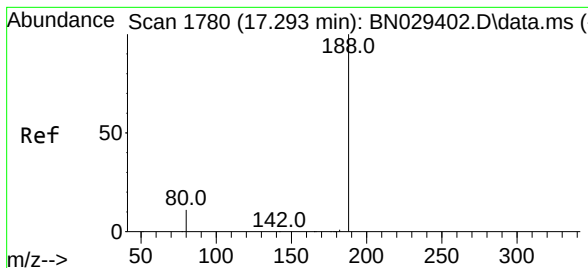
Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024



#18  
Fluorene  
Concen: 0.360 ng  
RT: 15.555 min Scan# 1640  
Delta R.T. 0.012 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55

Tgt Ion:166 Resp: 8540  
Ion Ratio Lower Upper  
166 100  
165 100.3 79.9 119.9  
167 13.8 11.3 16.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.255 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN030033.D

Acq: 25 Feb 2024 17:55

Instrument :

BNA\_N

ClientSampleId :

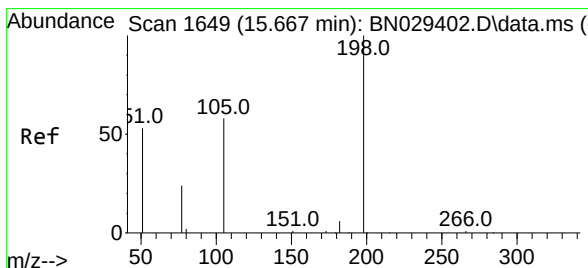
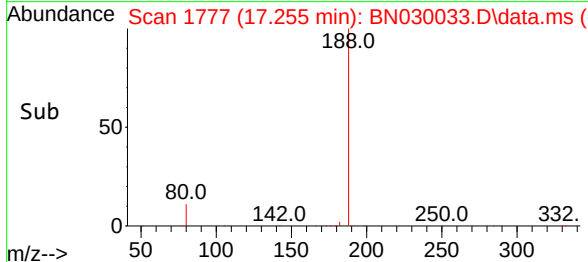
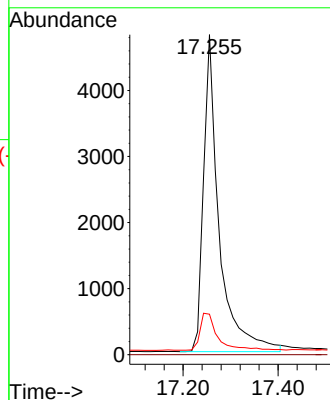
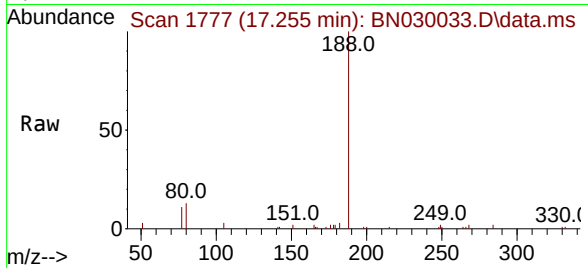
PB159230BS

Tgt Ion:188 Resp: 10929  
 Ion Ratio Lower Upper  
 188 100  
 94 0.0 0.0 0.0  
 80 12.7 10.0 15.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/26/2024  
 Supervised By :mohammad ahmed 02/27/2024



#20

4,6-Dinitro-2-methylphenol

Concen: 0.237 ng

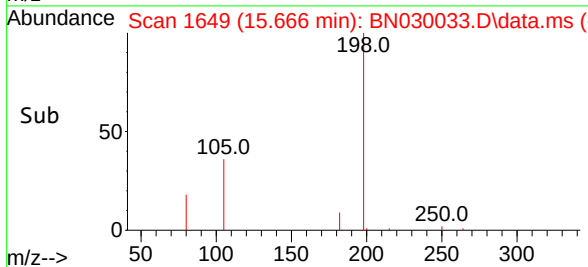
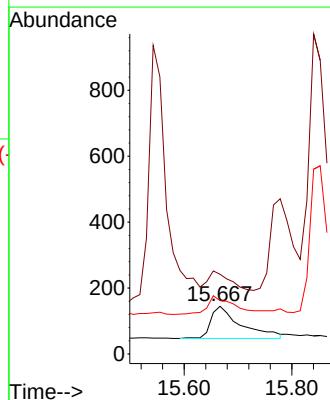
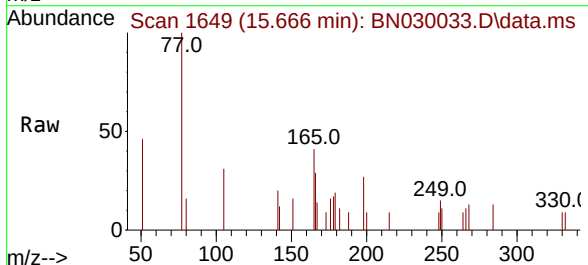
RT: 15.666 min Scan# 1649

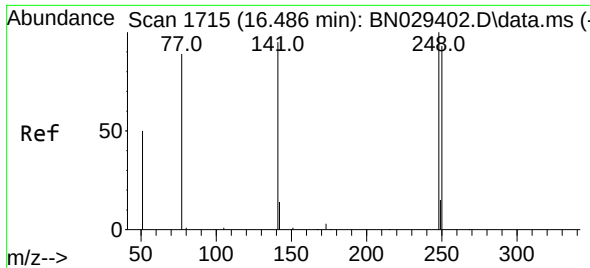
Delta R.T. 0.012 min

Lab File: BN030033.D

Acq: 25 Feb 2024 17:55

Tgt Ion:198 Resp: 381  
 Ion Ratio Lower Upper  
 198 100  
 51 166.9 111.0 166.6#  
 105 111.7 67.0 100.6#





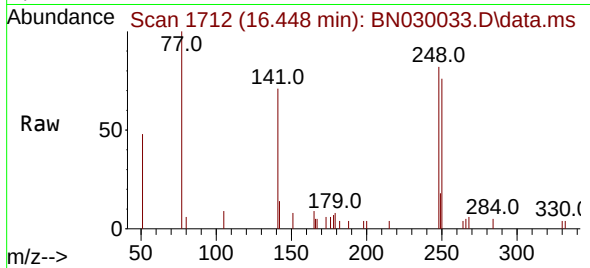
#21  
4-Bromophenyl-phenylether  
Concen: 0.381 ng m  
RT: 16.448 min Scan# 1712  
Delta R.T. -0.000 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55

Instrument :

BNA\_N

ClientSampleId :

PB159230BS

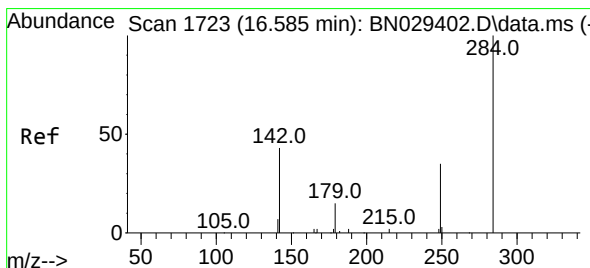
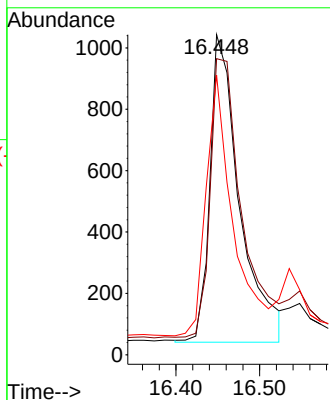
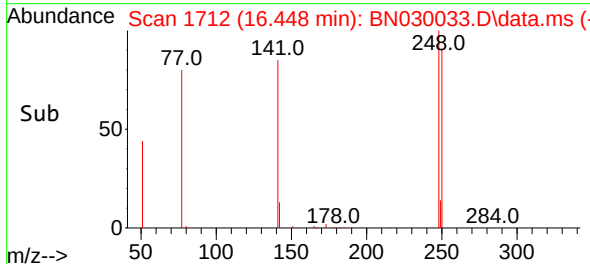


Tgt Ion:248 Resp: 2479  
Ion Ratio Lower Upper  
248 100  
250 92.5 75.0 112.4  
141 87.3 77.0 115.6

Manual Integrations

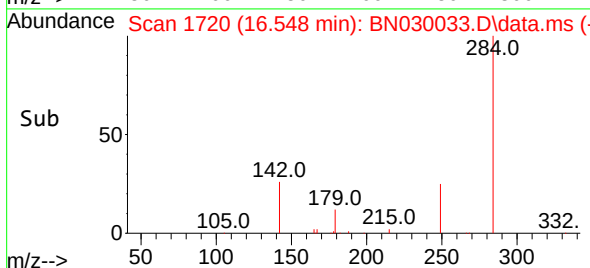
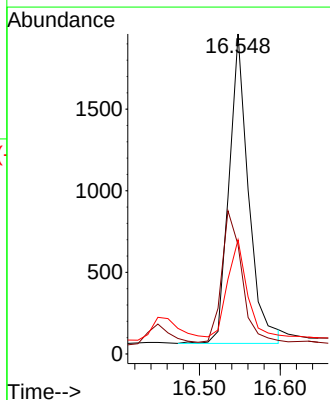
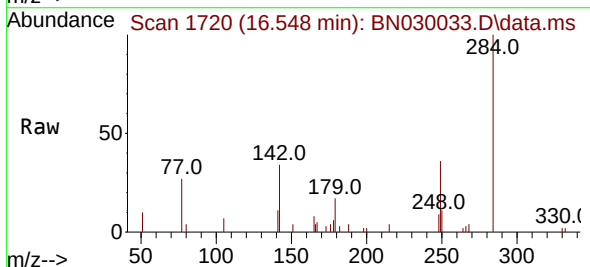
APPROVED

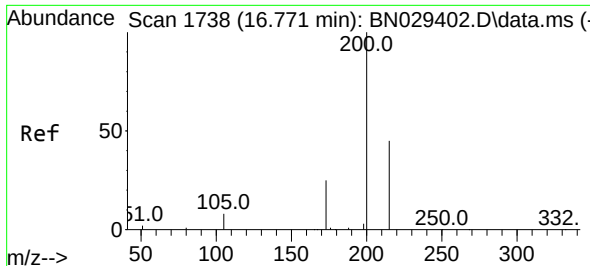
Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024



#22  
Hexachlorobenzene  
Concen: 0.398 ng  
RT: 16.548 min Scan# 1720  
Delta R.T. -0.000 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55

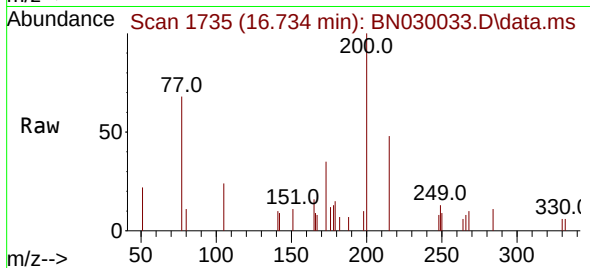
Tgt Ion:284 Resp: 3175  
Ion Ratio Lower Upper  
284 100  
142 43.7 39.4 59.2  
249 31.0 26.9 40.3





#23  
 Atrazine  
 Concen: 0.370 ng  
 RT: 16.734 min Scan# 1711  
 Delta R.T. -0.000 min  
 Lab File: BN030033.D  
 Acq: 25 Feb 2024 17:55

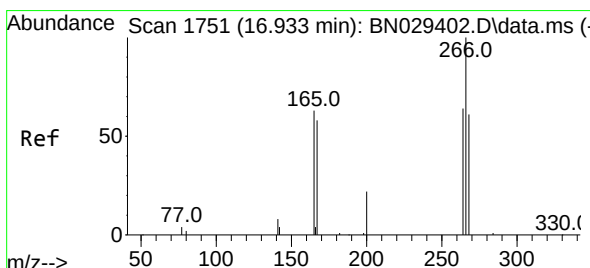
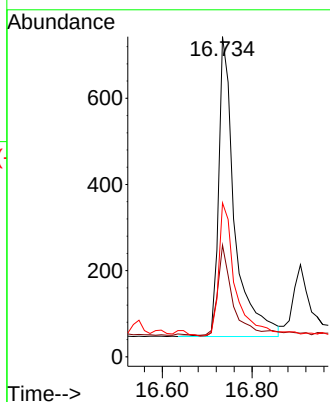
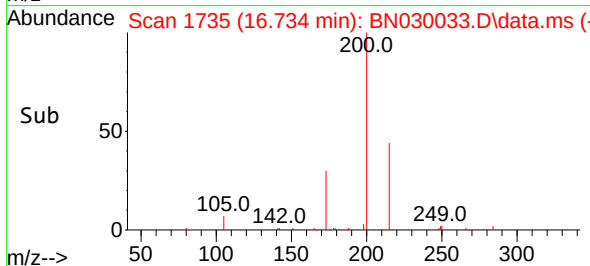
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB159230BS



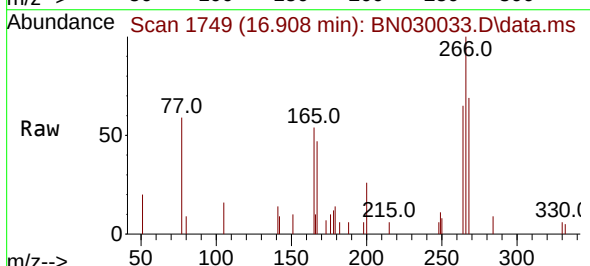
Tgt Ion:200 Resp: 1711  
 Ion Ratio Lower Upper  
 200 100  
 173 34.9 23.4 35.0  
 215 48.0 38.4 57.6

Manual Integrations  
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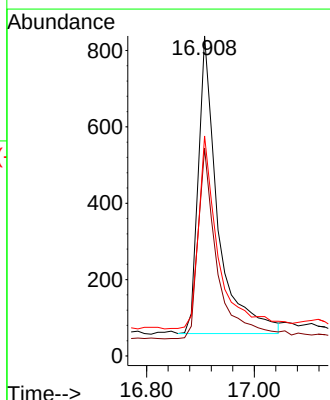
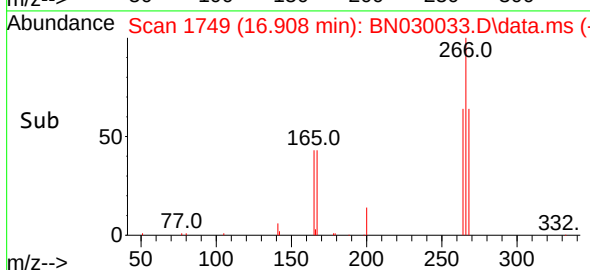
Reviewed By :Jagrut Upadhyay 02/26/2024  
 Supervised By :mohammad ahmed 02/27/2024

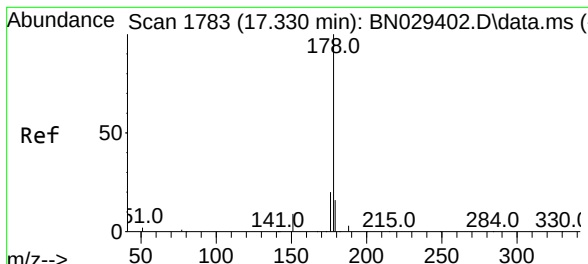


#24  
 Pentachlorophenol  
 Concen: 0.777 ng  
 RT: 16.908 min Scan# 1749  
 Delta R.T. 0.000 min  
 Lab File: BN030033.D  
 Acq: 25 Feb 2024 17:55



Tgt Ion:266 Resp: 1966  
 Ion Ratio Lower Upper  
 266 100  
 264 63.5 50.8 76.2  
 268 66.3 51.5 77.3





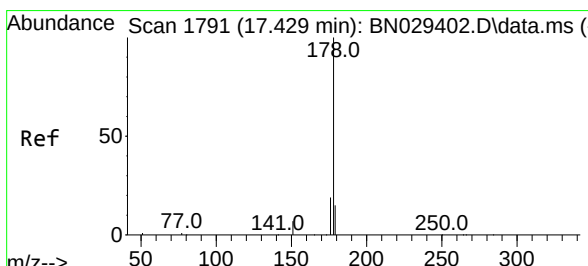
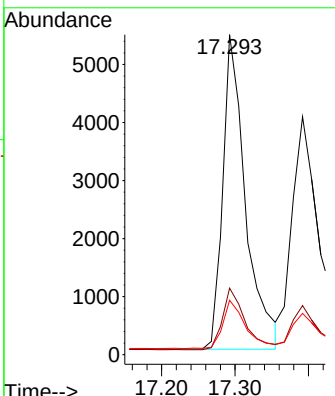
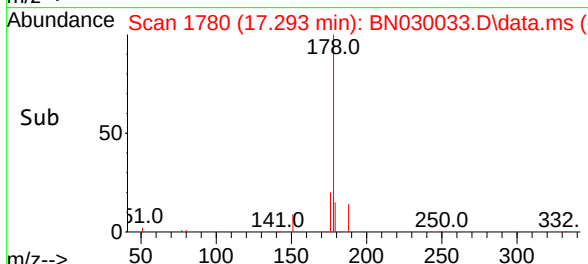
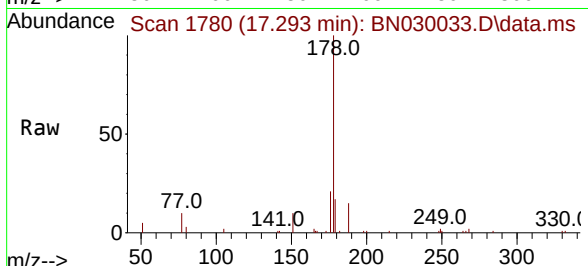
#25  
 Phenanthrene  
 Concen: 0.361 ng  
 RT: 17.293 min Scan# 1787  
 Delta R.T. 0.000 min  
 Lab File: BN030033.D  
 Acq: 25 Feb 2024 17:55

Instrument : BNA\_N  
 ClientSampleId : PB159230BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 11672 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 19.4  | 15.8  | 23.6  |
| 179       | 15.5  | 12.6  | 19.0  |

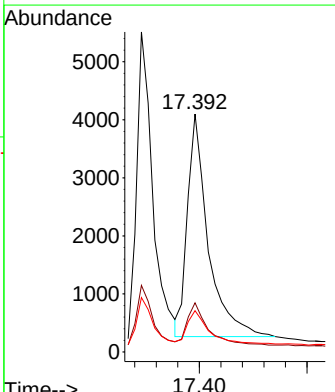
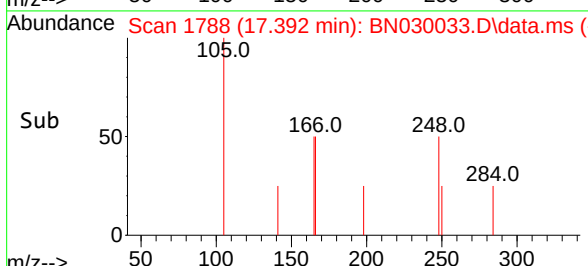
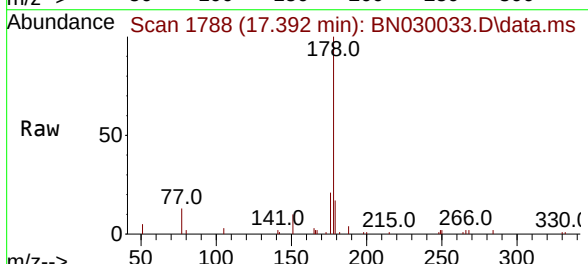
Manual Integrations  
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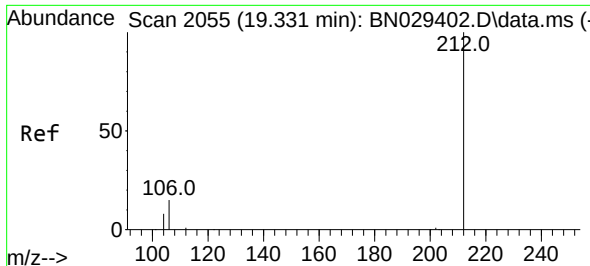
Reviewed By :Jagrut Upadhyay 02/26/2024  
 Supervised By :mohammad ahmed 02/27/2024



#26  
 Anthracene  
 Concen: 0.373 ng  
 RT: 17.392 min Scan# 1788  
 Delta R.T. 0.000 min  
 Lab File: BN030033.D  
 Acq: 25 Feb 2024 17:55

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 10274 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 18.5  | 15.0  | 22.4  |
| 179       | 15.2  | 12.3  | 18.5  |





#27  
Fluoranthene-d10  
Concen: 0.365 ng  
RT: 19.289 min Scan# 2053  
Delta R.T. -0.000 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55

Instrument :

BNA\_N

ClientSampleId :

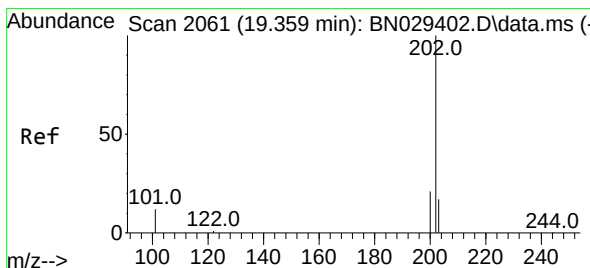
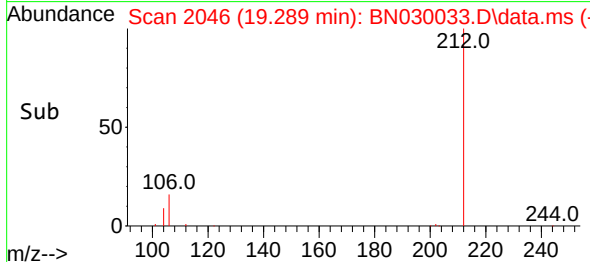
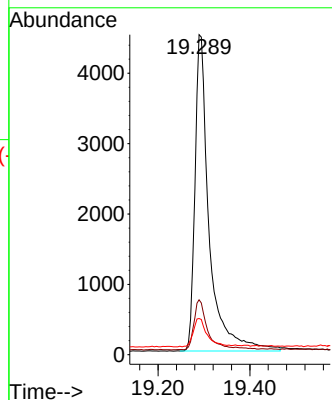
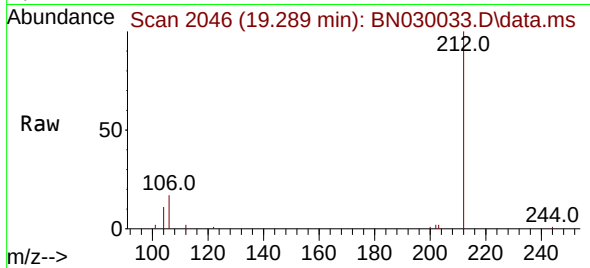
PB159230BS

Tgt Ion:212 Resp: 966  
Ion Ratio Lower Upper  
212 100  
106 14.8 13.2 19.8  
104 8.8 7.7 11.5

Manual Integrations

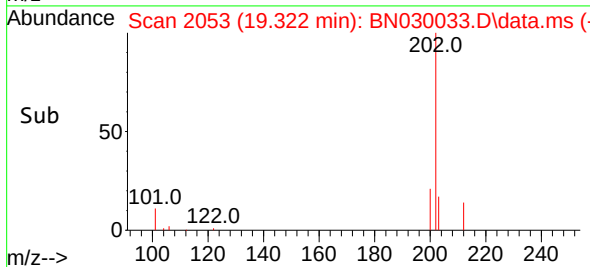
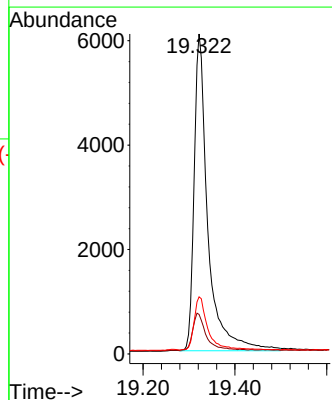
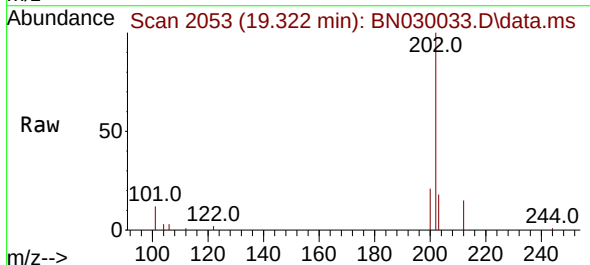
APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024

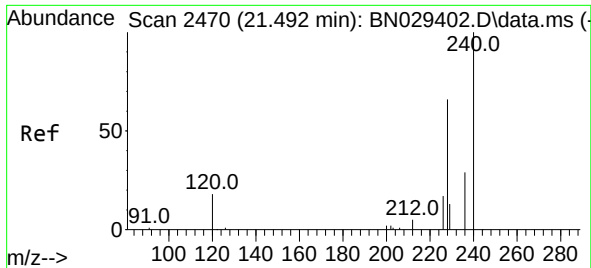


#28  
Fluoranthene  
Concen: 0.347 ng  
RT: 19.322 min Scan# 2053  
Delta R.T. 0.005 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55

Tgt Ion:202 Resp: 12606  
Ion Ratio Lower Upper  
202 100  
101 11.3 10.5 15.7  
203 17.0 13.5 20.3

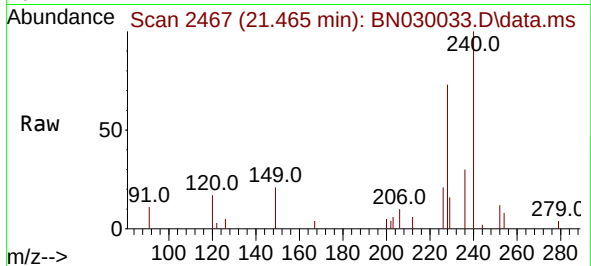






#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.465 min Scan# 2467  
Delta R.T. 0.009 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55

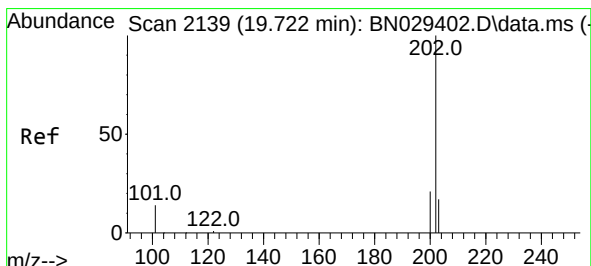
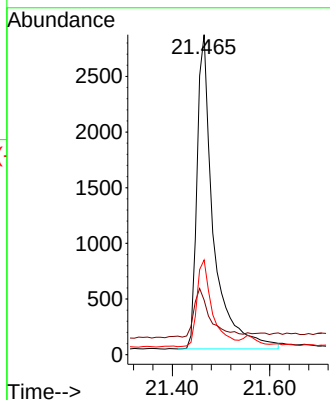
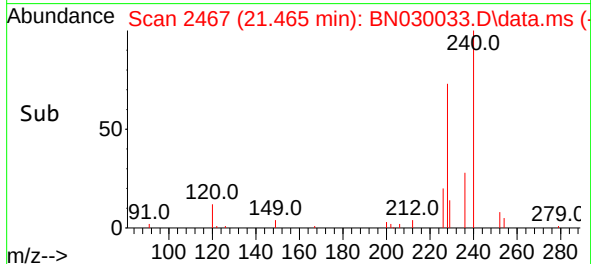
Instrument :  
BNA\_N  
ClientSampleId :  
PB159230BS



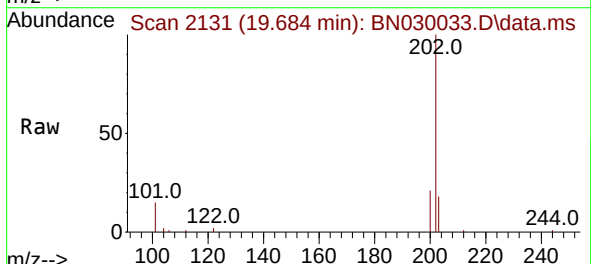
Tgt Ion:240 Resp: 661  
Ion Ratio Lower Upper  
240 100  
120 17.1 16.7 25.1  
236 29.6 23.9 35.9

Manual Integrations  
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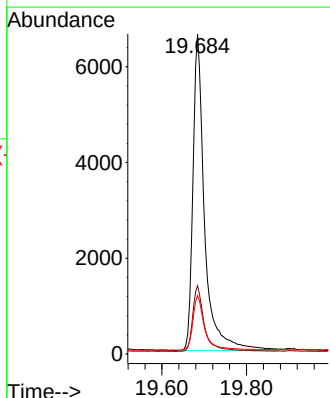
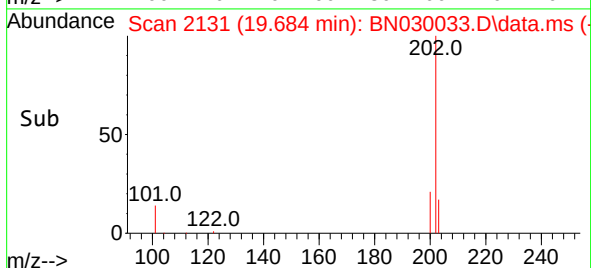
Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024

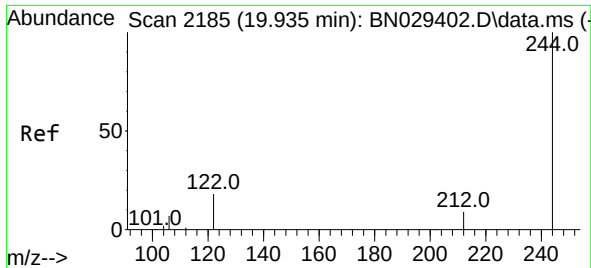


#30  
Pyrene  
Concen: 0.416 ng  
RT: 19.684 min Scan# 2131  
Delta R.T. 0.000 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55



Tgt Ion:202 Resp: 12680  
Ion Ratio Lower Upper  
202 100  
200 20.5 16.6 25.0  
203 17.3 14.2 21.4





#31  
Terphenyl-d14  
Concen: 0.492 ng  
RT: 19.903 min Scan# 2185  
Delta R.T. 0.005 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55

Instrument :

BNA\_N

ClientSampleId :

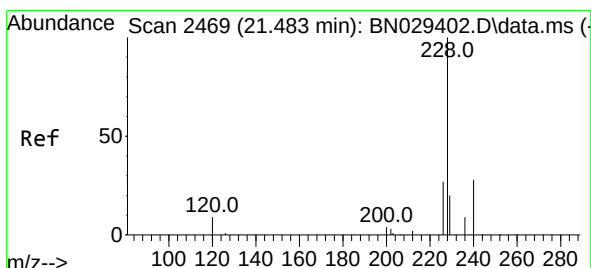
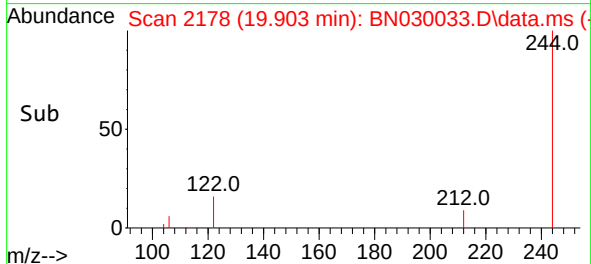
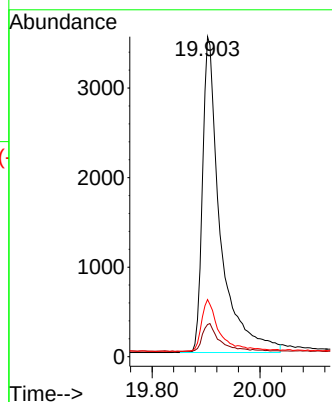
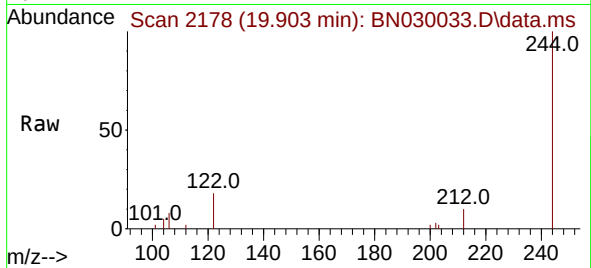
PB159230BS

Tgt Ion:244 Resp: 8079  
Ion Ratio Lower Upper  
244 100  
212 10.0 8.2 12.4  
122 17.9 15.6 23.4

Manual Integrations

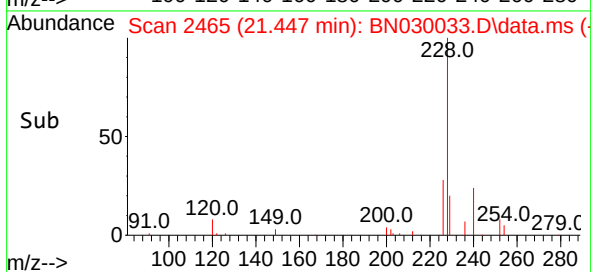
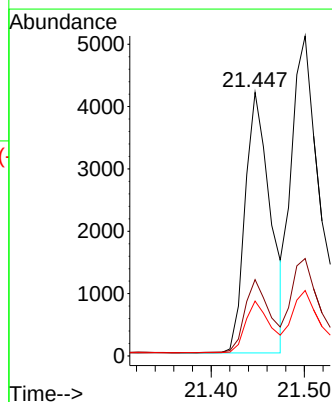
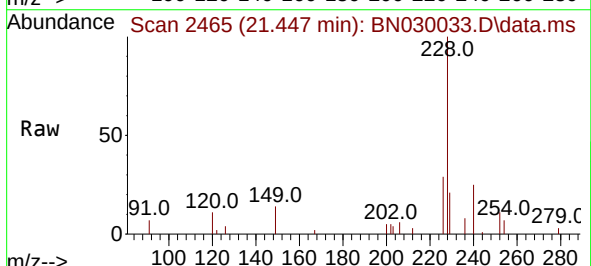
APPROVED

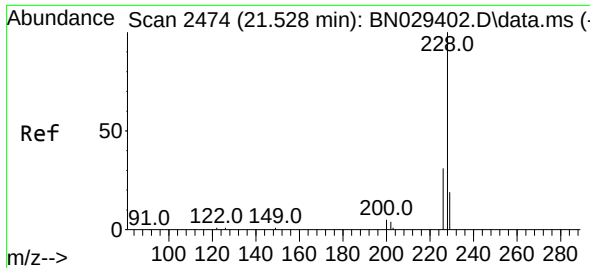
Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024



#32  
Benzo(a)anthracene  
Concen: 0.350 ng  
RT: 21.447 min Scan# 2465  
Delta R.T. 0.009 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55

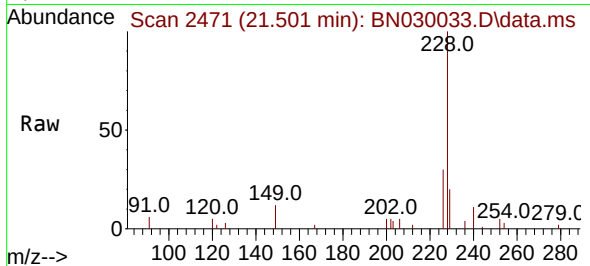
Tgt Ion:228 Resp: 7906  
Ion Ratio Lower Upper  
228 100  
226 29.0 22.2 33.4  
229 20.8 16.5 24.7





#33  
Chrysene  
Concen: 0.421 ng  
RT: 21.501 min Scan# 2471  
Delta R.T. 0.009 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55

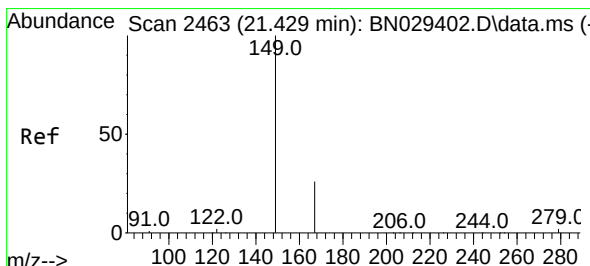
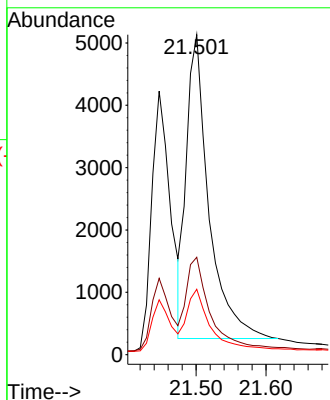
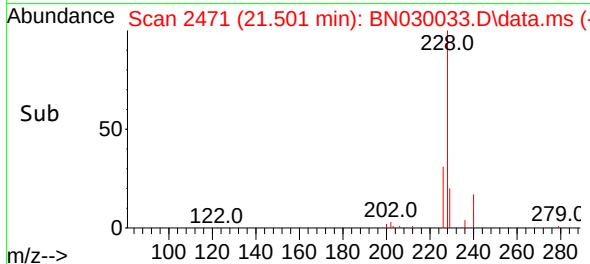
Instrument :  
BNA\_N  
ClientSampleId :  
PB159230BS



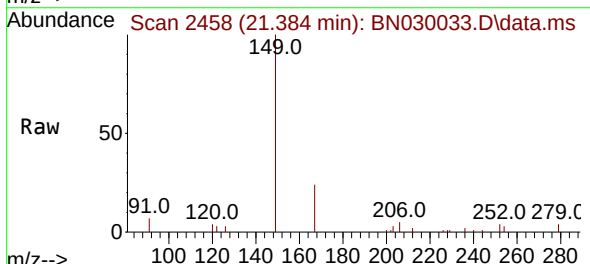
Tgt Ion:228 Resp: 1081  
Ion Ratio Lower Upper  
228 100  
226 30.5 24.9 37.3  
229 20.5 15.9 23.9

Manual Integrations  
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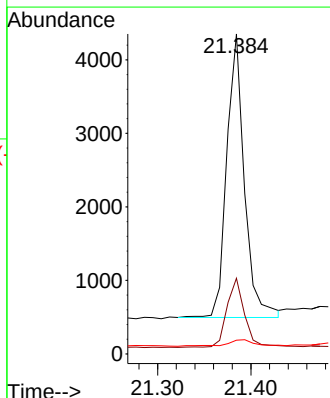
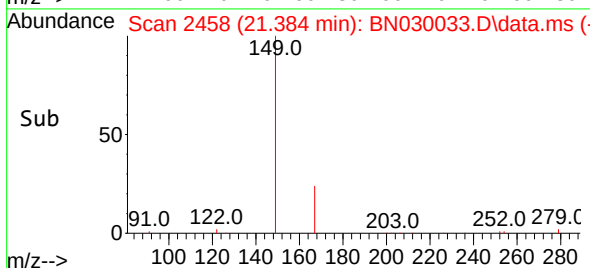
Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024

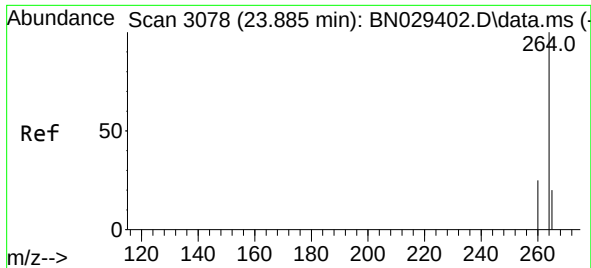


#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.329 ng  
RT: 21.384 min Scan# 2458  
Delta R.T. 0.000 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55



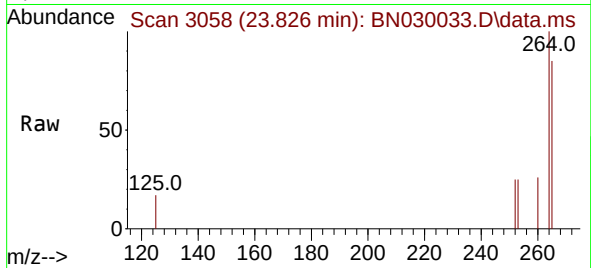
Tgt Ion:149 Resp: 5075  
Ion Ratio Lower Upper  
149 100  
167 24.9 20.1 30.1  
279 3.7 2.5 3.7#





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.826 min Scan# 3078  
 Delta R.T. 0.006 min  
 Lab File: BN030033.D  
 Acq: 25 Feb 2024 17:55

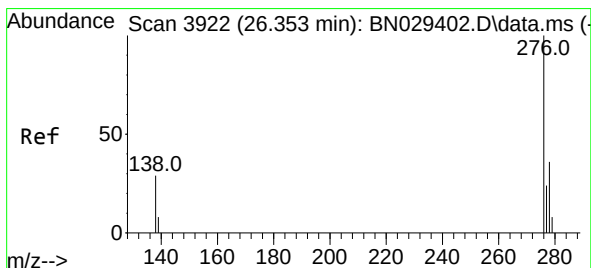
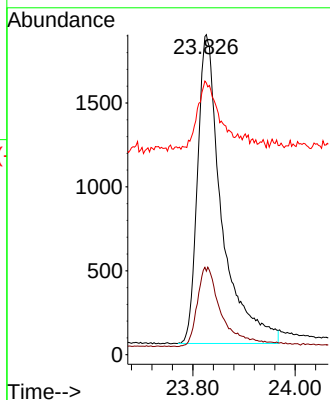
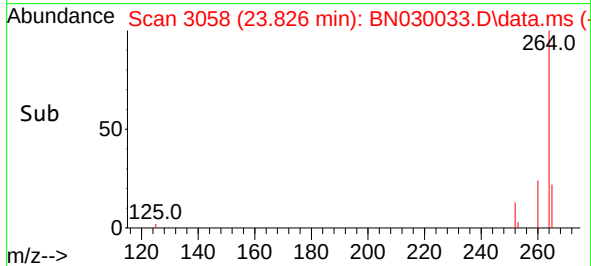
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB159230BS



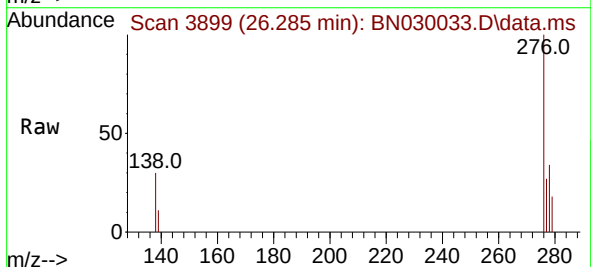
Tgt Ion:264 Resp: 6062  
 Ion Ratio Lower Upper  
 264 100  
 260 26.1 21.2 31.8  
 265 84.9 41.5 62.3

Manual Integrations  
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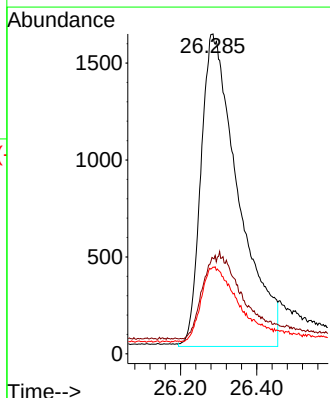
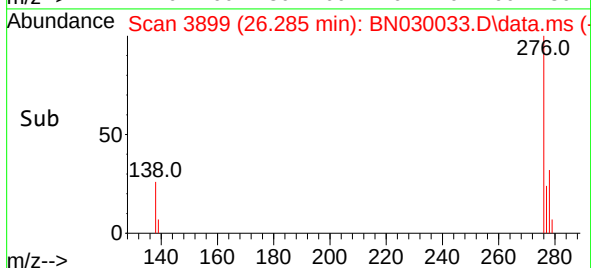
Reviewed By :Jagrut Upadhyay 02/26/2024  
 Supervised By :mohammad ahmed 02/27/2024

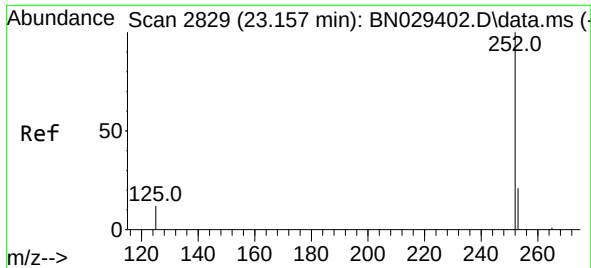


#36  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.452 ng m  
 RT: 26.285 min Scan# 3899  
 Delta R.T. 0.018 min  
 Lab File: BN030033.D  
 Acq: 25 Feb 2024 17:55



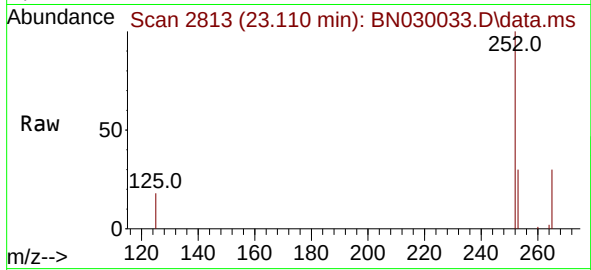
Tgt Ion:276 Resp: 11008  
 Ion Ratio Lower Upper  
 276 100  
 138 8.8 20.5 30.7#  
 277 22.5 17.0 25.4





#37  
Benzo(b)fluoranthene  
Concen: 0.393 ng  
RT: 23.110 min Scan# 2813  
Delta R.T. 0.012 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55

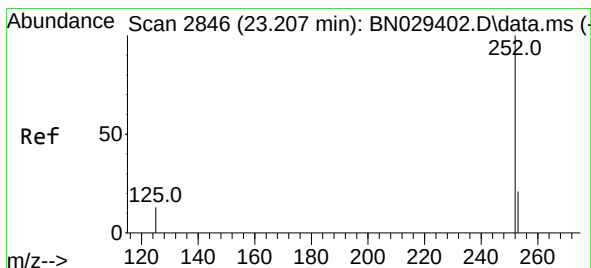
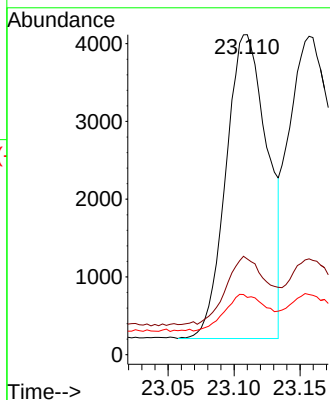
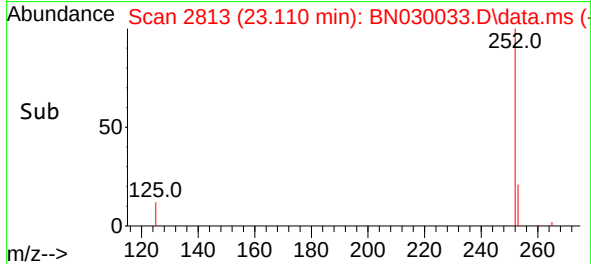
Instrument :  
BNA\_N  
ClientSampleId :  
PB159230BS



Tgt Ion:252 Resp: 8528  
Ion Ratio Lower Upper  
252 100  
253 29.9 21.7 32.5  
125 17.9 13.3 19.9

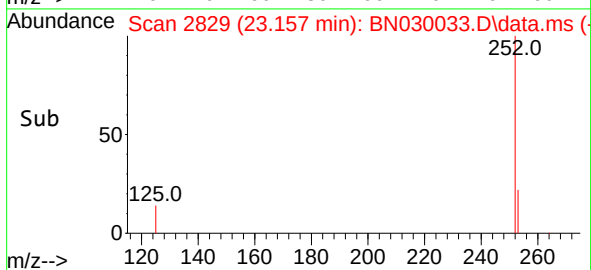
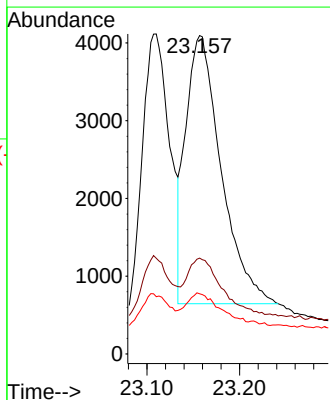
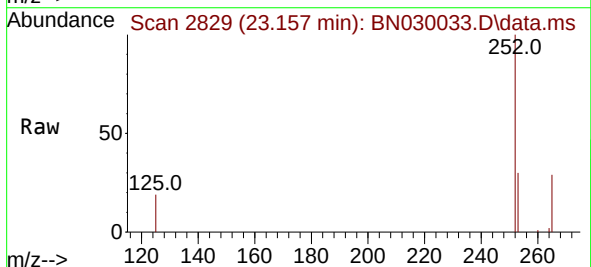
Manual Integrations  
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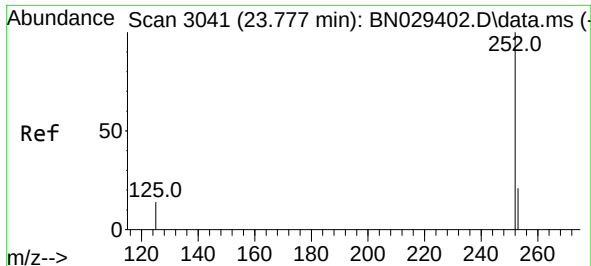
Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024



#38  
Benzo(k)fluoranthene  
Concen: 0.404 ng  
RT: 23.157 min Scan# 2829  
Delta R.T. 0.009 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55

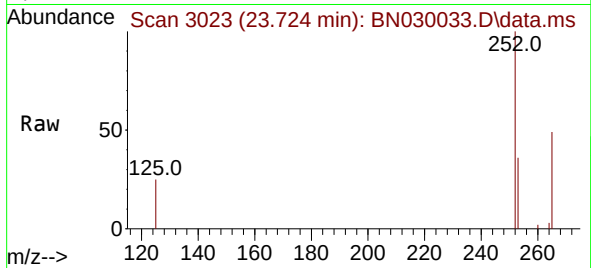
Tgt Ion:252 Resp: 9164  
Ion Ratio Lower Upper  
252 100  
253 30.1 21.8 32.8  
125 18.9 13.9 20.9





#39  
Benzo(a)pyrene  
Concen: 0.416 ng  
RT: 23.724 min Scan# 3041  
Delta R.T. 0.009 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55

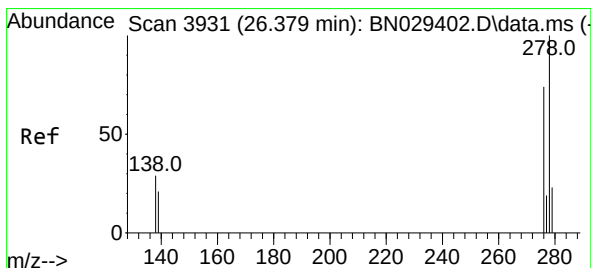
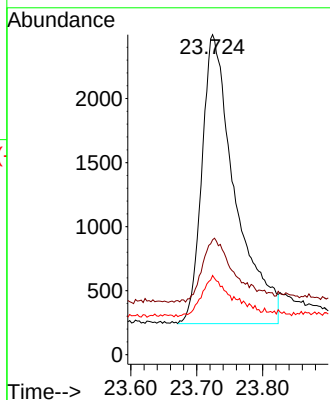
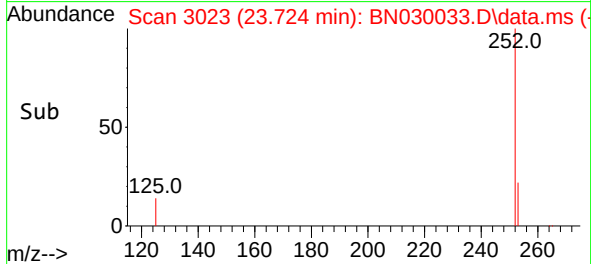
Instrument :  
BNA\_N  
ClientSampleId :  
PB159230BS



Tgt Ion:252 Resp: 786  
Ion Ratio Lower Upper  
252 100  
253 35.9 24.9 37.3  
125 24.7 16.6 25.0

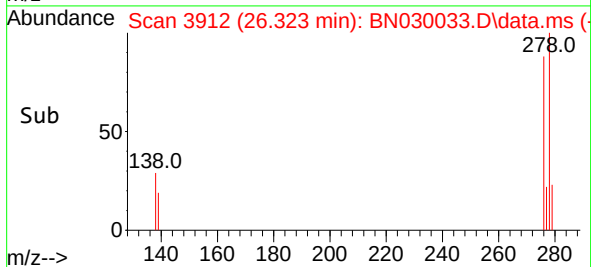
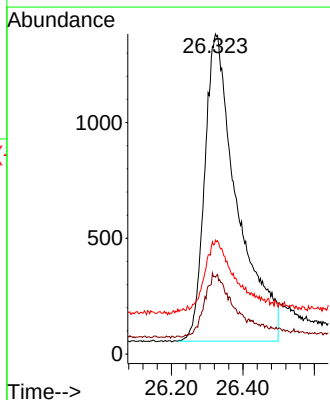
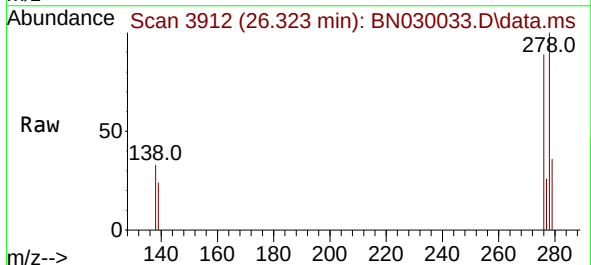
Manual Integrations  
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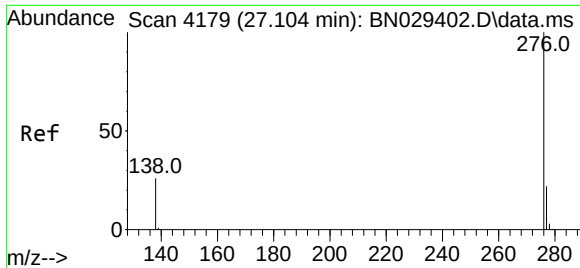
Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024



#40  
Dibenzo(a,h)anthracene  
Concen: 0.432 ng  
RT: 26.323 min Scan# 3912  
Delta R.T. 0.020 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55

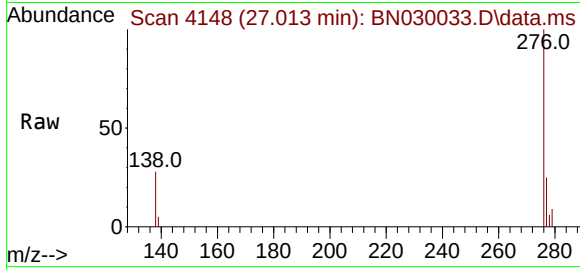
Tgt Ion:278 Resp: 8376  
Ion Ratio Lower Upper  
278 100  
139 24.0 20.4 30.6  
279 35.6 25.0 37.6





#41  
Benzo(g,h,i)perylene  
Concen: 0.415 ng  
RT: 27.013 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: BN030033.D  
Acq: 25 Feb 2024 17:55

Instrument :  
BNA\_N  
ClientSampleId :  
PB159230BS



Tgt Ion:276 Resp: 9818  
Ion Ratio Lower Upper  
276 100  
277 25.0 19.4 29.2  
138 27.8 23.5 35.3

Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 02/26/2024  
Supervised By :mohammad ahmed 02/27/2024

