

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121924\  
 Data File : BN035749.D  
 Acq On : 20 Dec 2024 19:33  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

## Instrument :

BNA\_N

## ClientSampleId :

SSTDCCC0.4

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024  
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 21 01:43:03 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112724.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Dec 19 23:06:19 2024

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.272  | 152  | 2885     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.009 | 136  | 7460     | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 13.925 | 164  | 4592     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 16.698 | 188  | 9182     | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 20.956 | 240  | 7719     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.038 | 264  | 7943     | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 4.932  | 112  | 2946     | 0.408 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.484  | 99   | 3398     | 0.391 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.408  | 82   | 2193m    | 0.481 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.616 | 152  | 4637     | 0.397 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.453 | 330  | 1079     | 0.331 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.539 | 172  | 7163     | 0.413 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.761 | 212  | 9858     | 0.379 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.393 | 244  | 6880     | 0.452 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.982  | 88   | 1284     | 0.466 | ng    | 96       |
| 3) n-Nitrosodimethylamine     | 3.271  | 42   | 1037     | 0.451 | ng    | # 96     |
| 6) bis(2-Chloroethyl)ether    | 6.723  | 93   | 2618m    | 0.359 | ng    |          |
| 9) Naphthalene                | 10.063 | 128  | 8115     | 0.412 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.351 | 225  | 2104     | 0.464 | ng    | # 98     |
| 12) 2-Methylnaphthalene       | 11.697 | 142  | 5318     | 0.378 | ng    | 99       |
| 16) Acenaphthylene            | 13.636 | 152  | 7458     | 0.387 | ng    | 100      |
| 17) Acenaphthene              | 13.989 | 154  | 5179     | 0.405 | ng    | 99       |
| 18) Fluorene                  | 14.994 | 166  | 6721     | 0.367 | ng    | 100      |
| 20) 4,6-Dinitro-2-methylph... | 15.133 | 198  | 99       | 0.110 | ng    | # 1      |
| 21) 4-Bromophenyl-phenylether | 15.904 | 248  | 2111     | 0.393 | ng    | # 80     |
| 22) Hexachlorobenzene         | 16.003 | 284  | 3074     | 0.487 | ng    | 96       |
| 23) Atrazine                  | 16.202 | 200  | 1584     | 0.414 | ng    | 97       |
| 24) Pentachlorophenol         | 16.376 | 266  | 1014     | 0.370 | ng    | 87       |
| 25) Phenanthrene              | 16.748 | 178  | 9861     | 0.391 | ng    | 100      |
| 26) Anthracene                | 16.835 | 178  | 8624     | 0.378 | ng    | 99       |
| 28) Fluoranthene              | 18.789 | 202  | 12002    | 0.353 | ng    | 100      |
| 30) Pyrene                    | 19.156 | 202  | 12468    | 0.438 | ng    | 99       |
| 32) Benzo(a)anthracene        | 20.938 | 228  | 9472     | 0.351 | ng    | 99       |
| 33) Chrysene                  | 20.992 | 228  | 11952    | 0.429 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 20.902 | 149  | 4632     | 0.434 | ng    | # 98     |
| 36) Indeno(1,2,3-cd)pyrene    | 25.067 | 276  | 12531    | 0.404 | ng    | 96       |
| 37) Benzo(b)fluoranthene      | 22.427 | 252  | 13708    | 0.472 | ng    | 95       |
| 38) Benzo(k)fluoranthene      | 22.468 | 252  | 11604m   | 0.406 | ng    |          |
| 39) Benzo(a)pyrene            | 22.950 | 252  | 9304     | 0.389 | ng    | # 91     |
| 40) Dibenzo(a,h)anthracene    | 25.082 | 278  | 9530     | 0.389 | ng    | 95       |
| 41) Benzo(g,h,i)perylene      | 25.675 | 276  | 11213    | 0.438 | ng    | 99       |

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

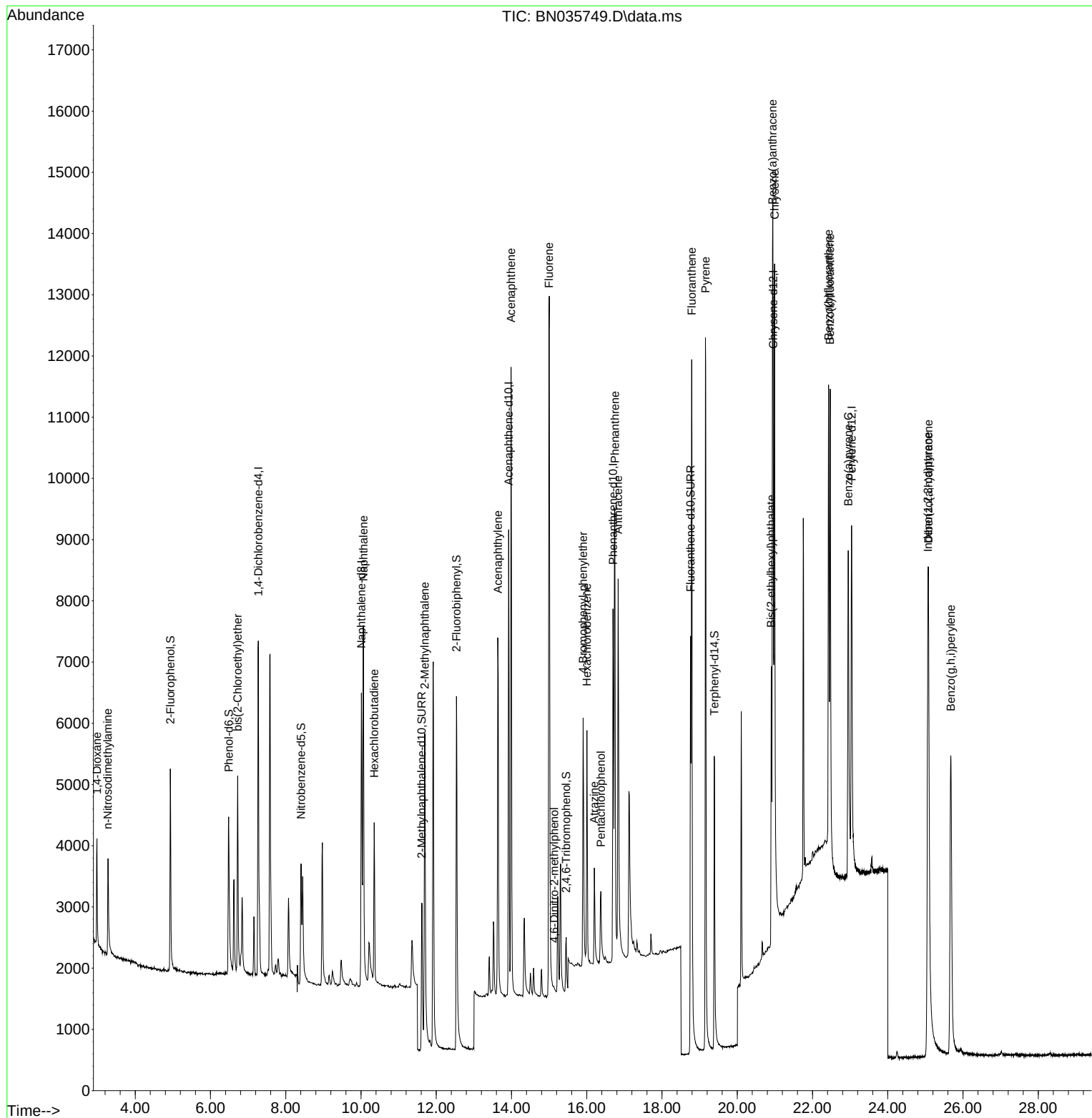
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121924\  
Data File : BN035749.D  
Acq On : 20 Dec 2024 19:33  
Operator : RC/JU  
Sample : SSTDCCC0.4  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

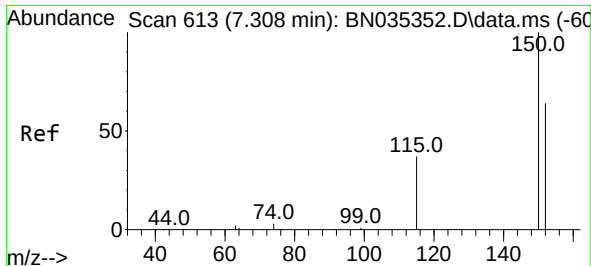
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Quant Time: Dec 21 01:43:03 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN112724.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 19 23:06:19 2024  
Response via : Initial Calibration

Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024  
Supervised By :mohammad ahmed 12/24/2024





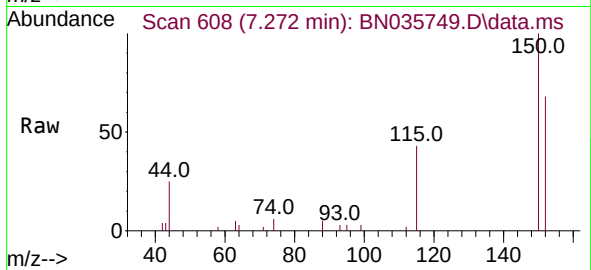
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 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.272 min Scan# 60  
 Delta R.T. -0.000 min  
 Lab File: BN035749.D  
 Acq: 20 Dec 2024 19:33

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

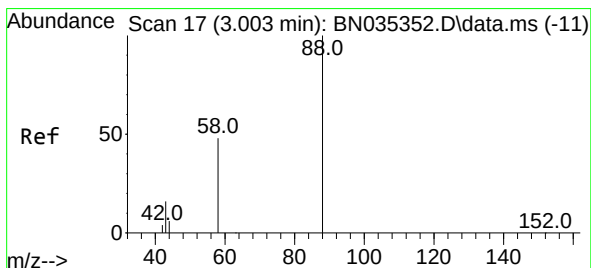
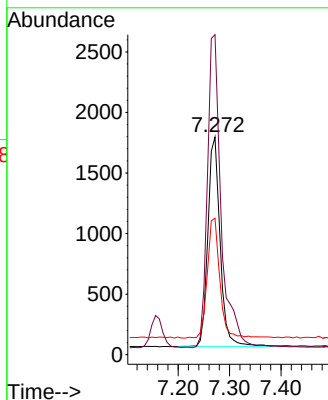
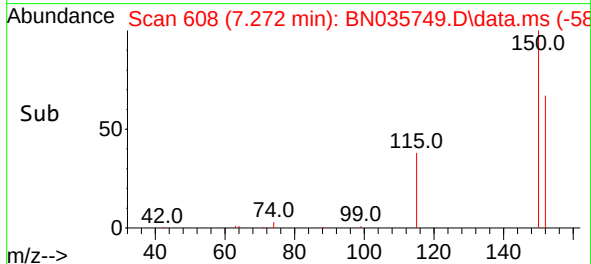


Tgt Ion:152 Resp: 288  
 Ion Ratio Lower Upper  
 152 100  
 150 147.0 124.0 186.0  
 115 62.7 49.6 74.4

Manual Integrations

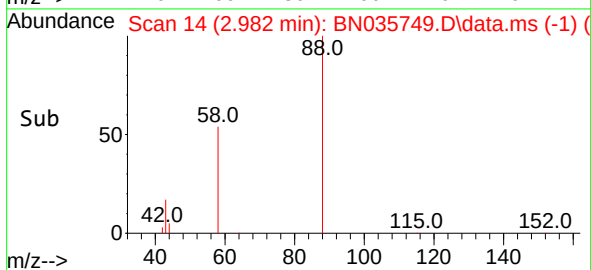
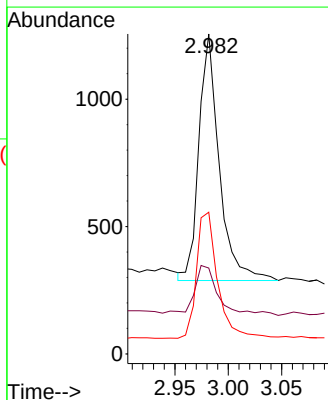
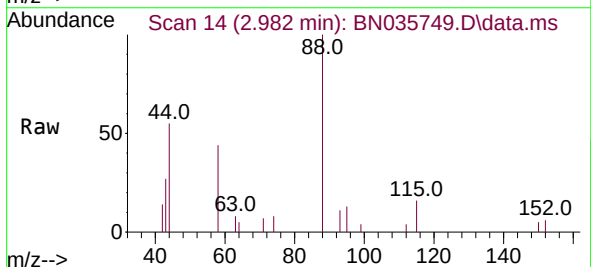
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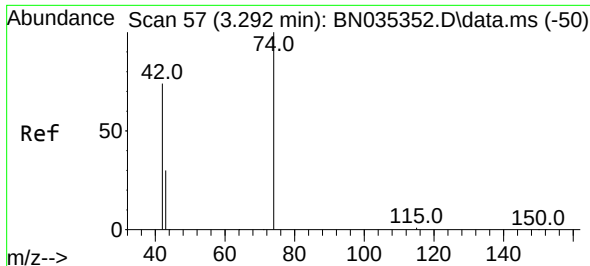
Reviewed By :Jagrut Upadhyay 12/23/2024  
 Supervised By :mohammad ahmed 12/24/2024



#2  
 1,4-Dioxane  
 Concen: 0.466 ng  
 RT: 2.982 min Scan# 14  
 Delta R.T. -0.000 min  
 Lab File: BN035749.D  
 Acq: 20 Dec 2024 19:33

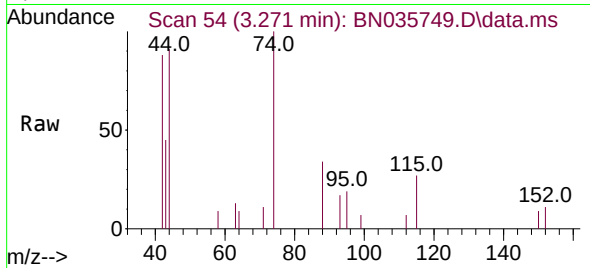
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 Ion Ratio Lower Upper  
 88 100  
 43 24.5 17.2 25.8  
 58 53.3 44.5 66.7





#3  
n-Nitrosodimethylamine  
Concen: 0.451 ng  
RT: 3.271 min Scan# 54  
Delta R.T. -0.007 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33

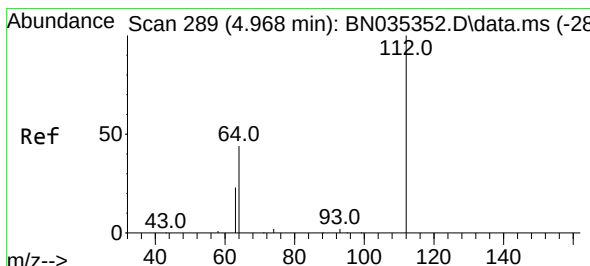
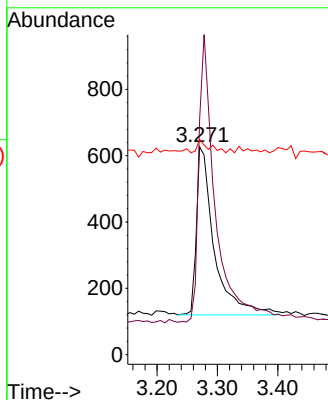
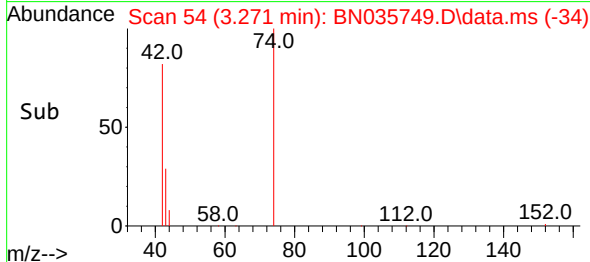
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



Tgt Ion: 42 Resp: 103  
Ion Ratio Lower Upper  
42 100  
74 160.8 124.9 187.3  
44 7.0 2.2 3.4

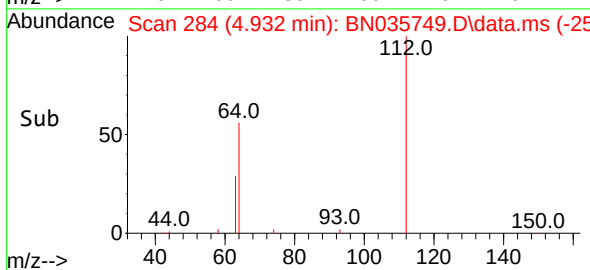
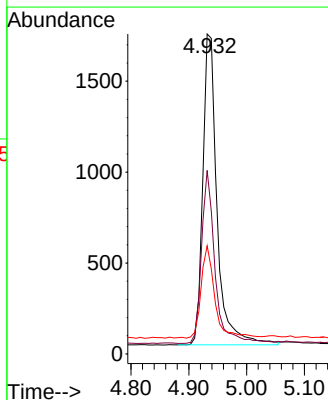
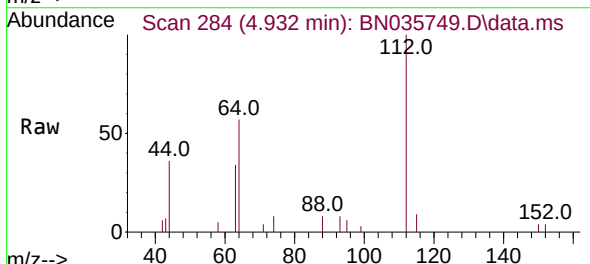
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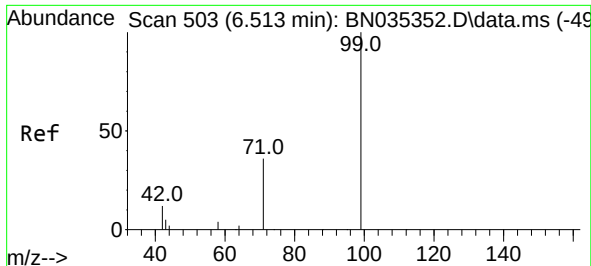
Reviewed By :Jagrut Upadhyay 12/23/2024  
Supervised By :mohammad ahmed 12/24/2024



#4  
2-Fluorophenol  
Concen: 0.408 ng  
RT: 4.932 min Scan# 284  
Delta R.T. -0.007 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33

Tgt Ion:112 Resp: 2946  
Ion Ratio Lower Upper  
112 100  
64 52.4 39.8 59.8  
63 28.5 21.0 31.6





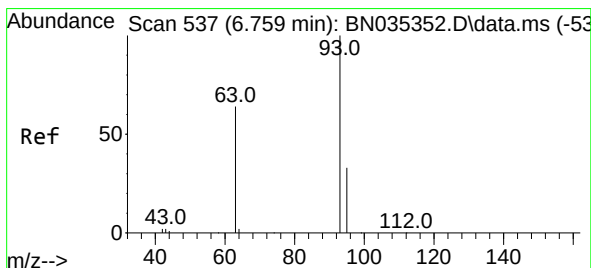
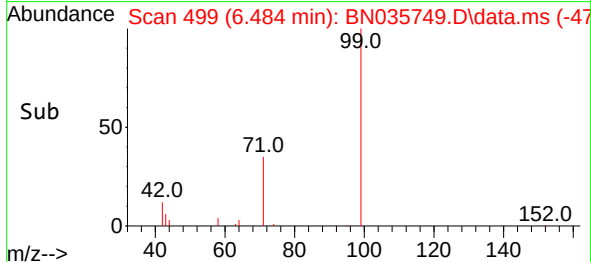
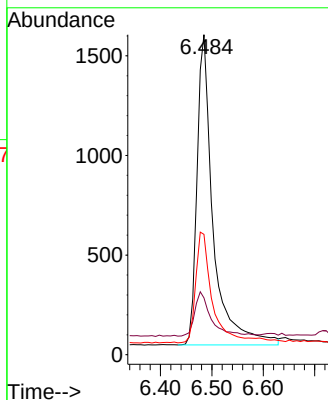
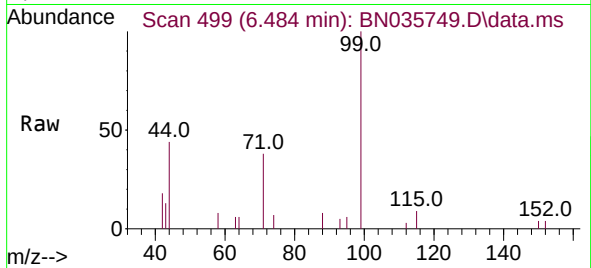
#5  
Phenol-d6  
Concen: 0.391 ng  
RT: 6.484 min Scan# 499  
Delta R.T. -0.007 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

|             |             |
|-------------|-------------|
| Tgt Ion: 99 | Resp: 3398  |
| Ion Ratio   | Lower Upper |
| 99 100      |             |
| 42 14.6     | 11.4 17.2   |
| 71 37.5     | 29.3 43.9   |

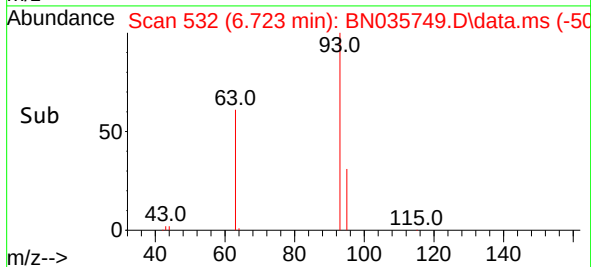
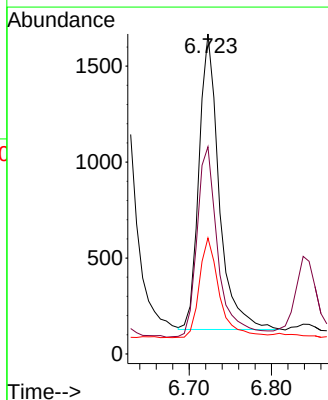
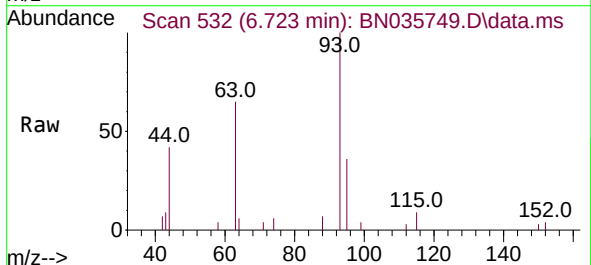
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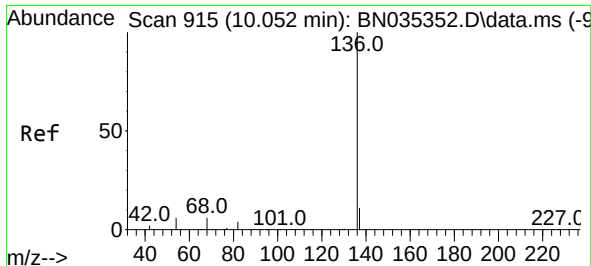
Reviewed By :Jagrut Upadhyay 12/23/2024  
Supervised By :mohammad ahmed 12/24/2024



#6  
bis(2-Chloroethyl)ether  
Concen: 0.359 ng m  
RT: 6.723 min Scan# 532  
Delta R.T. -0.007 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33

|             |             |
|-------------|-------------|
| Tgt Ion: 93 | Resp: 2618  |
| Ion Ratio   | Lower Upper |
| 93 100      |             |
| 63 67.8     | 50.4 75.6   |
| 95 33.9     | 25.7 38.5   |





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.009 min Scan# 915  
Delta R.T. -0.011 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33

Instrument :

BNA\_N

ClientSampleId :

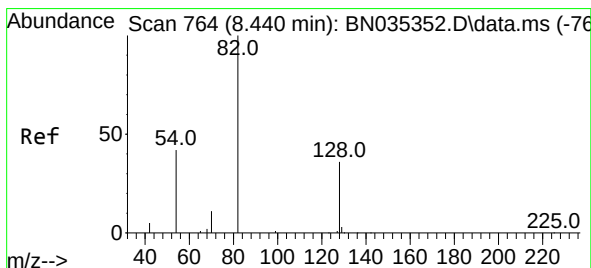
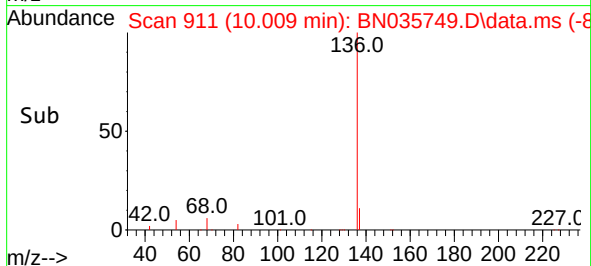
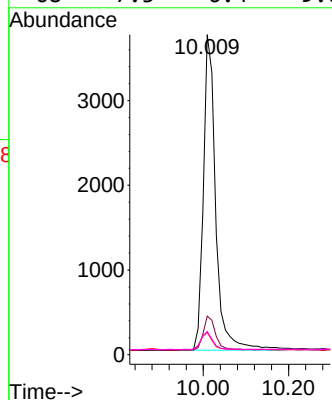
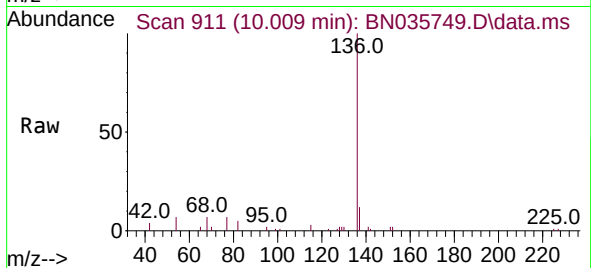
SSTDCCC0.4

Tgt Ion:136 Resp: 7460  
Ion Ratio Lower Upper  
136 100  
137 12.0 10.2 15.2  
54 6.9 6.1 9.1  
68 7.3 6.4 9.6

Manual Integrations

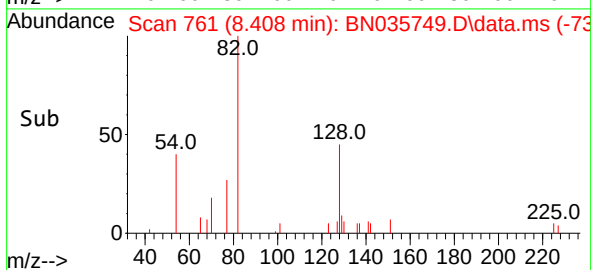
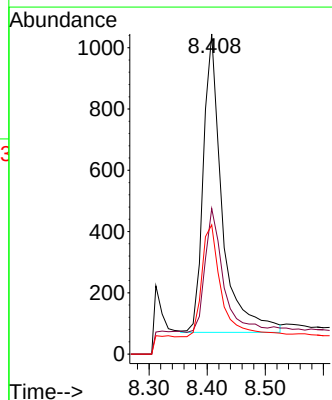
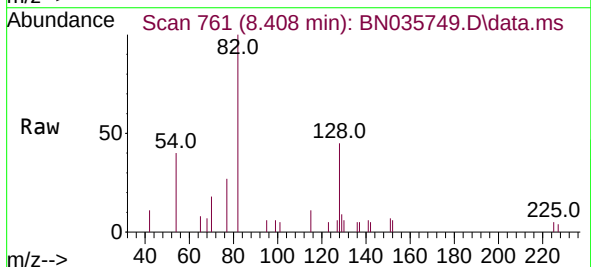
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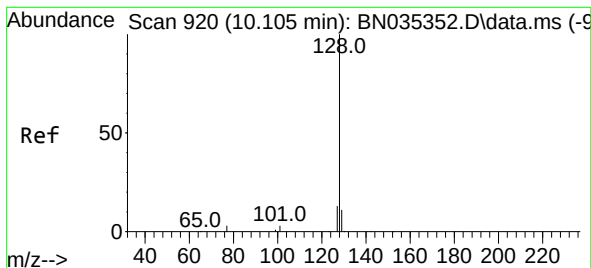
Reviewed By :Jagrut Upadhyay 12/23/2024  
Supervised By :mohammad ahmed 12/24/2024



#8  
Nitrobenzene-d5  
Concen: 0.481 ng m  
RT: 8.408 min Scan# 761  
Delta R.T. -0.000 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33

Tgt Ion: 82 Resp: 2193  
Ion Ratio Lower Upper  
82 100  
128 45.5 33.4 50.0  
54 40.4 36.7 55.1





#9

Naphthalene

Concen: 0.412 ng

RT: 10.063 min Scan# 916

Delta R.T. -0.000 min

Lab File: BN035749.D

Acq: 20 Dec 2024 19:33

Instrument :

BNA\_N

ClientSampleId :

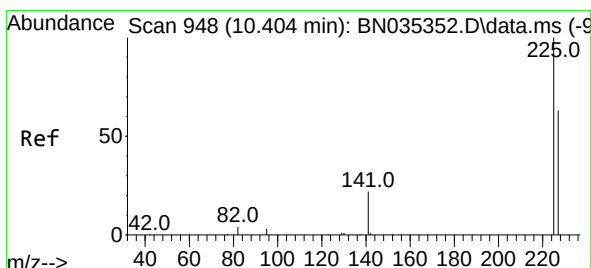
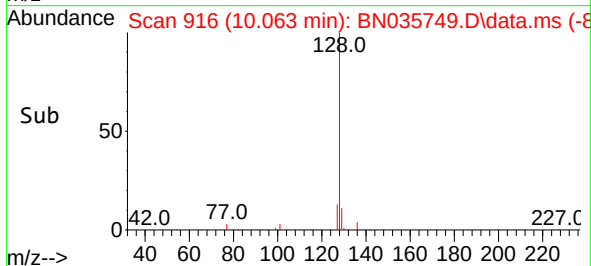
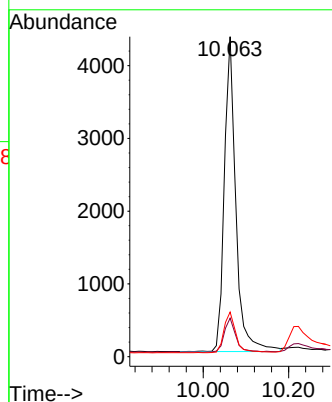
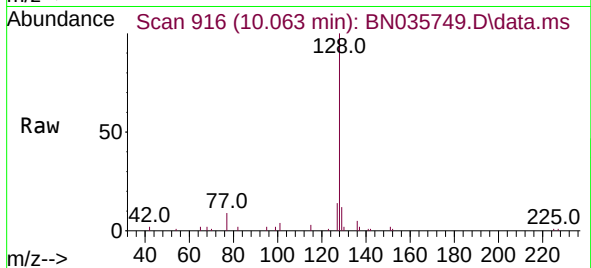
SSTDCCC0.4

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 128   | Resp: | 811  |
| Ion Ratio | Lower | Upper |      |
| 128       | 100   |       |      |
| 129       | 12.1  | 9.8   | 14.6 |
| 127       | 13.9  | 11.4  | 17.2 |

Manual Integrations

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Supervised By :mohammad ahmed 12/24/2024



#10

Hexachlorobutadiene

Concen: 0.464 ng

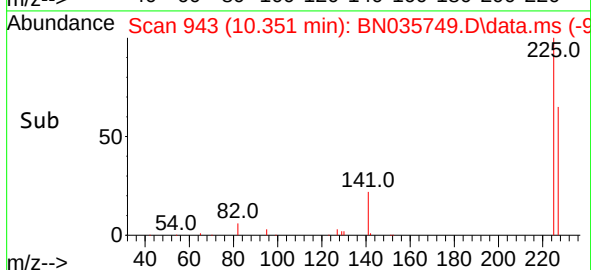
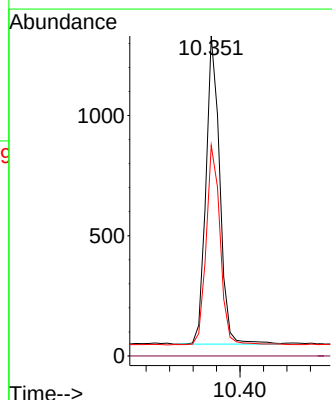
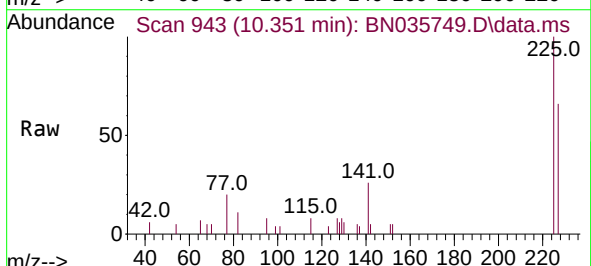
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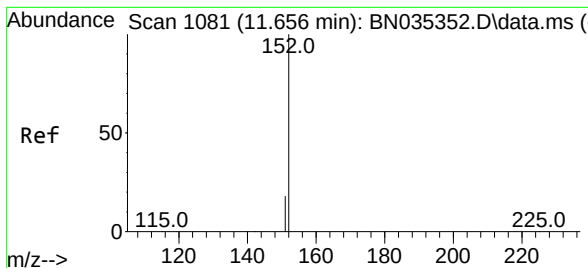
Delta R.T. -0.011 min

Lab File: BN035749.D

Acq: 20 Dec 2024 19:33

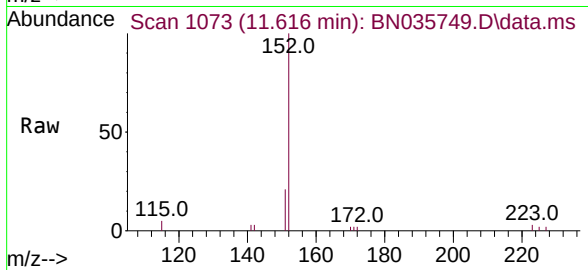
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 2104 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 0.0   | 0.0   | 0.0  |
| 227       | 65.6  | 51.3  | 76.9 |





#11  
2-Methylnaphthalene-d10  
Concen: 0.397 ng  
RT: 11.616 min Scan# 1073  
Delta R.T. -0.005 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33

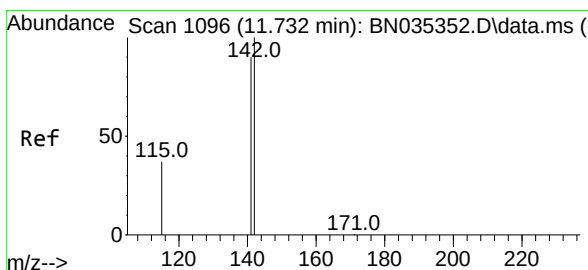
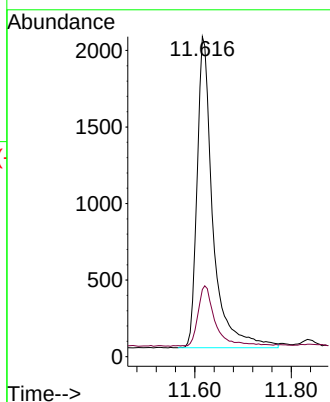
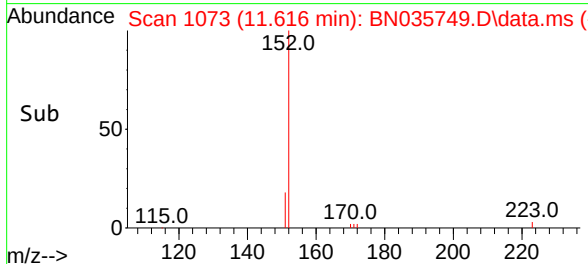
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



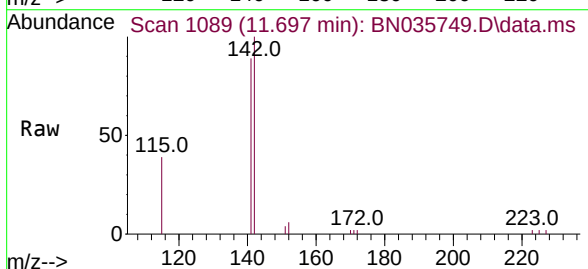
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Ion Ratio Lower Upper  
152 100  
151 21.4 16.6 25.0

Manual Integrations  
APPROVED

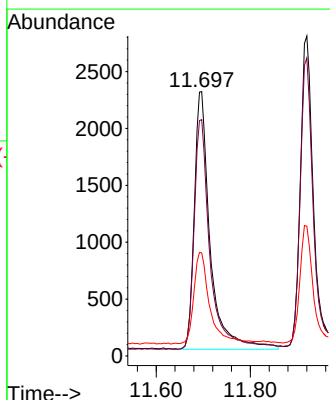
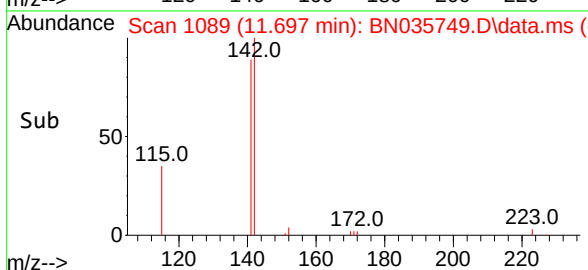
Reviewed By :Jagrut Upadhyay 12/23/2024  
Supervised By :mohammad ahmed 12/24/2024



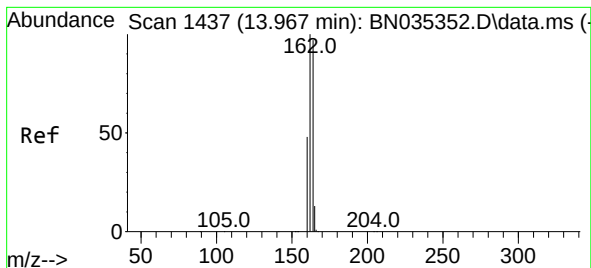
#12  
2-Methylnaphthalene  
Concen: 0.378 ng  
RT: 11.697 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33



Tgt Ion:142 Resp: 5318  
Ion Ratio Lower Upper  
142 100  
141 89.4 72.2 108.4  
115 39.0 31.4 47.0







#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.925 min Scan# 1433

Delta R.T. -0.011 min

Lab File: BN035749.D

Acq: 20 Dec 2024 19:33

Instrument :

BNA\_N

ClientSampleId :

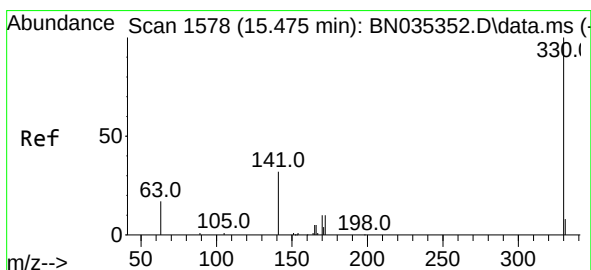
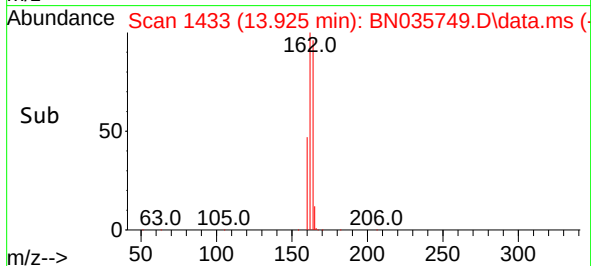
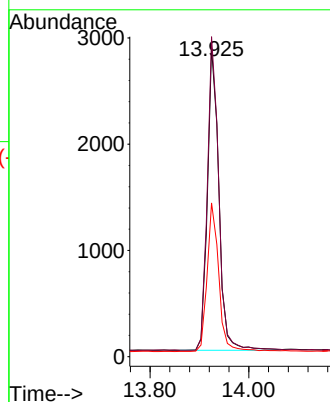
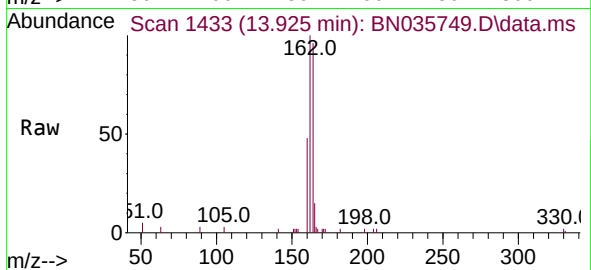
SSTDCCC0.4

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:164 | Resp: | 4592       |
| Ion Ratio   | Lower | Upper      |
| 164         | 100   |            |
| 162         | 103.6 | 82.2 123.2 |
| 160         | 49.8  | 40.1 60.1  |

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/23/2024  
Supervised By :mohammad ahmed 12/24/2024



#14

2,4,6-Tribromophenol

Concen: 0.331 ng

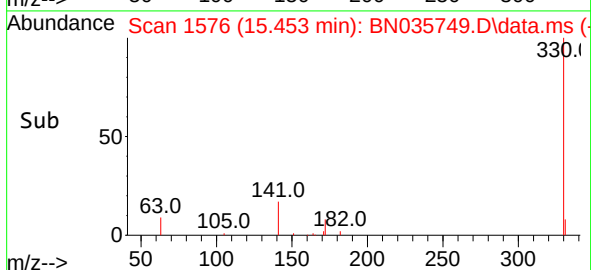
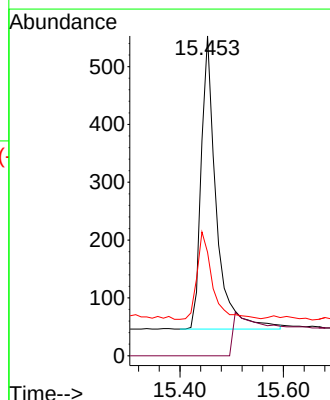
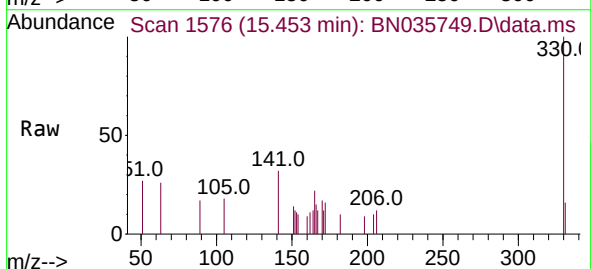
RT: 15.453 min Scan# 1576

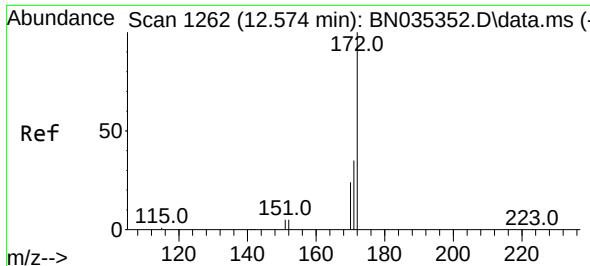
Delta R.T. -0.000 min

Lab File: BN035749.D

Acq: 20 Dec 2024 19:33

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:330 | Resp: | 1079      |
| Ion Ratio   | Lower | Upper     |
| 330         | 100   |           |
| 332         | 0.0   | 0.0 0.0   |
| 141         | 29.6  | 26.6 40.0 |





#15  
2-Fluorobiphenyl  
Concen: 0.413 ng  
RT: 12.539 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33

Instrument :

BNA\_N

ClientSampleId :

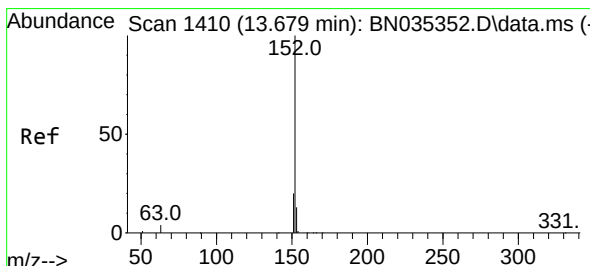
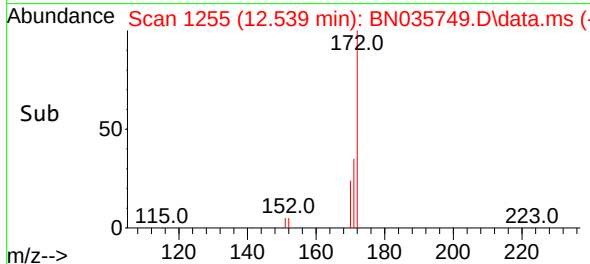
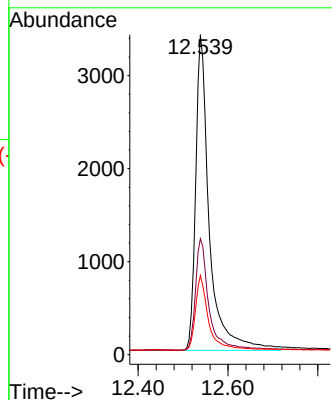
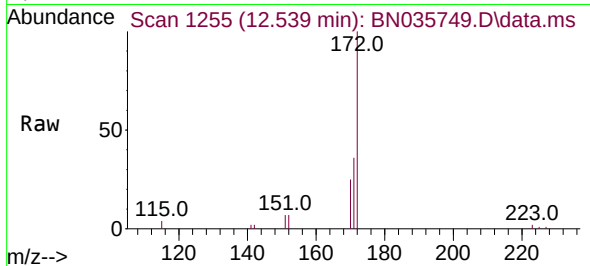
SSTDCCC0.4

Tgt Ion:172 Resp: 716  
Ion Ratio Lower Upper  
172 100  
171 36.3 29.0 43.4  
170 24.7 19.8 29.8

Manual Integrations

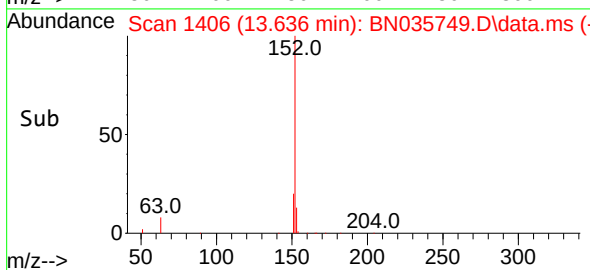
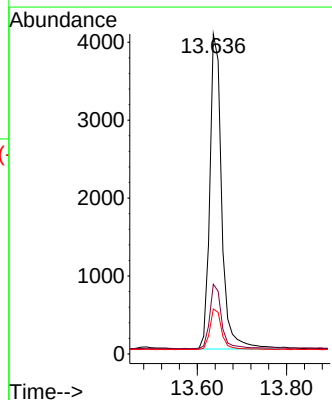
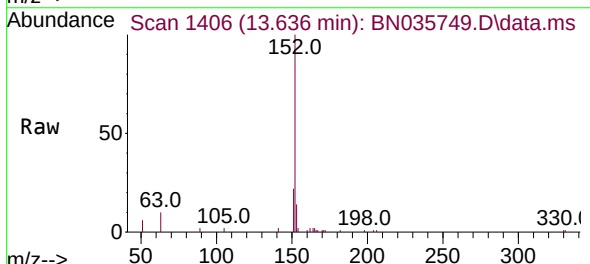
APPROVED

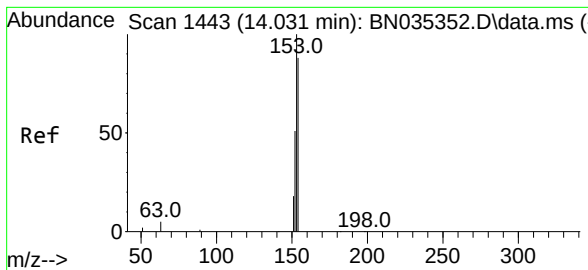
Reviewed By :Jagrut Upadhyay 12/23/2024  
Supervised By :mohammad ahmed 12/24/2024



#16  
Acenaphthylene  
Concen: 0.387 ng  
RT: 13.636 min Scan# 1406  
Delta R.T. -0.011 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33

Tgt Ion:152 Resp: 7458  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.2 24.2  
153 13.2 10.4 15.6





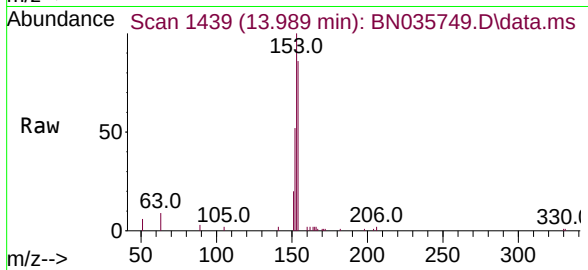
#17  
Acenaphthene  
Concen: 0.405 ng  
RT: 13.989 min Scan# 1443  
Delta R.T. -0.011 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

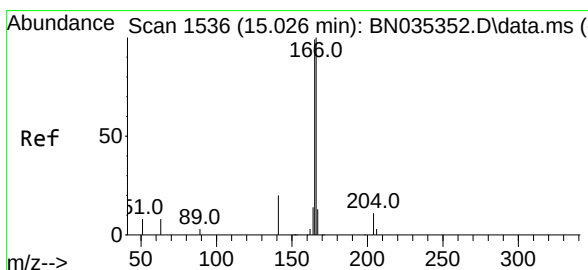
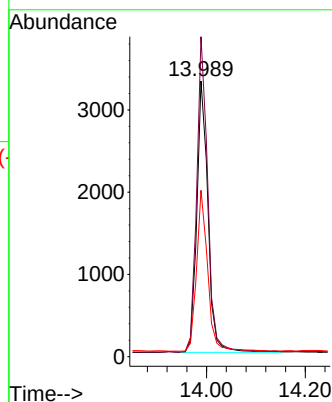
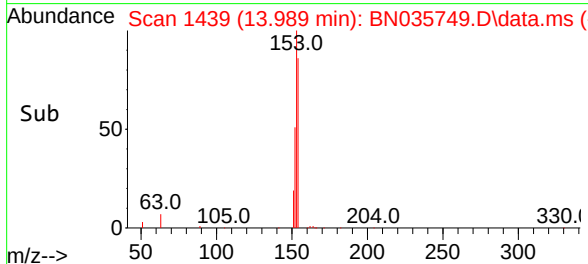


Tgt Ion:154 Resp: 5179  
Ion Ratio Lower Upper  
154 100  
153 115.5 92.6 139.0  
152 59.2 49.0 73.6

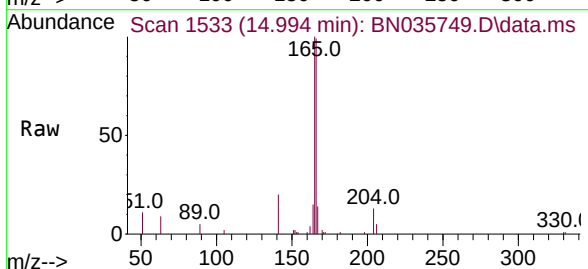
Manual Integrations

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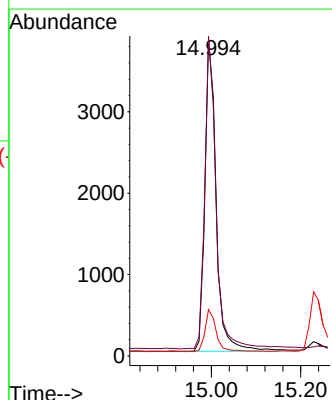
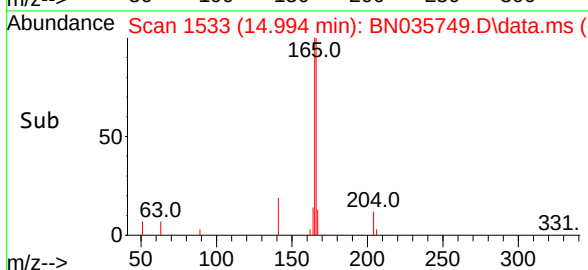
Reviewed By :Jagrut Upadhyay 12/23/2024  
Supervised By :mohammad ahmed 12/24/2024

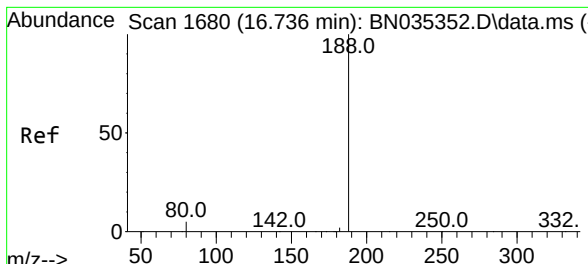


#18  
Fluorene  
Concen: 0.367 ng  
RT: 14.994 min Scan# 1533  
Delta R.T. -0.011 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33



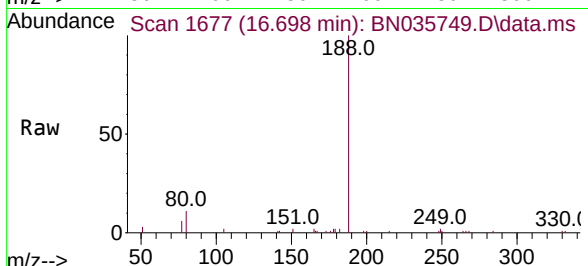
Tgt Ion:166 Resp: 6721  
Ion Ratio Lower Upper  
166 100  
165 99.7 79.7 119.5  
167 13.6 10.8 16.2





#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.698 min Scan# 1677  
Delta R.T. -0.000 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33

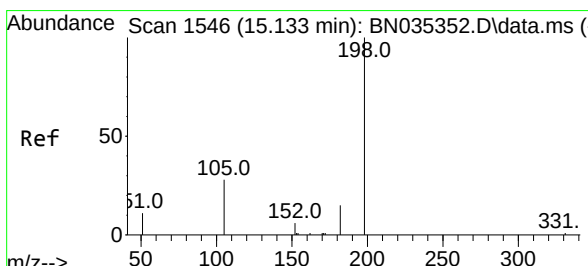
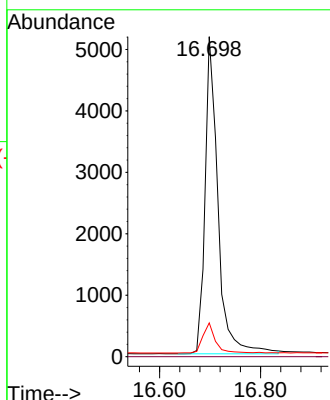
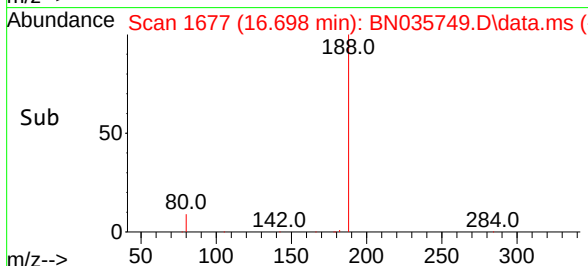
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



Tgt Ion:188 Resp: 918  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.6 4.6 6.8

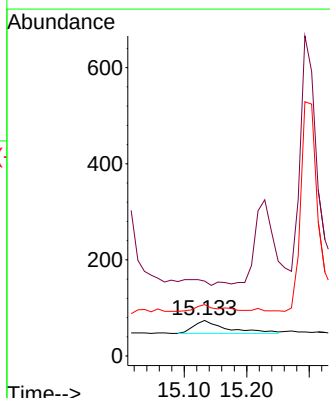
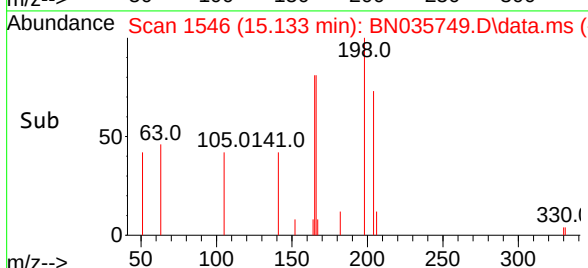
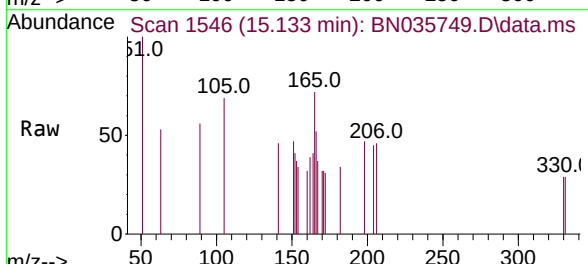
Manual Integrations  
APPROVED

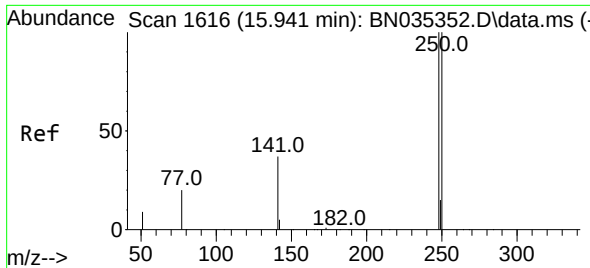
Reviewed By :Jagrut Upadhyay 12/23/2024  
Supervised By :mohammad ahmed 12/24/2024



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.110 ng  
RT: 15.133 min Scan# 1546  
Delta R.T. 0.011 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33

Tgt Ion:198 Resp: 99  
Ion Ratio Lower Upper  
198 100  
51 210.8 46.5 69.7#  
105 144.6 45.3 67.9#





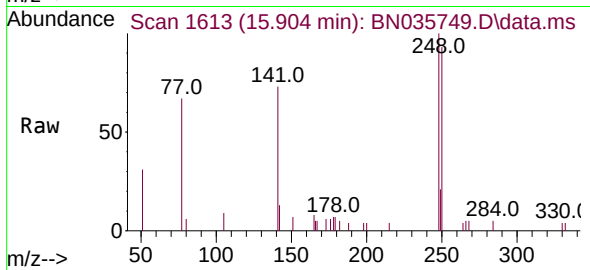
#21  
4-Bromophenyl-phenylether  
Concen: 0.393 ng  
RT: 15.904 min Scan# 1613  
Delta R.T. -0.012 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

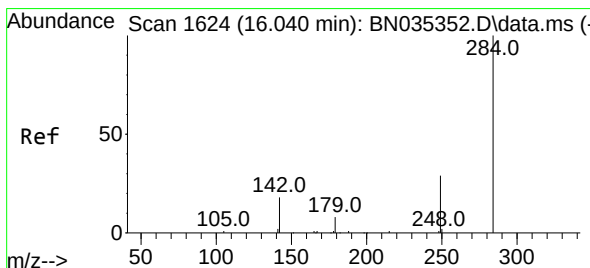
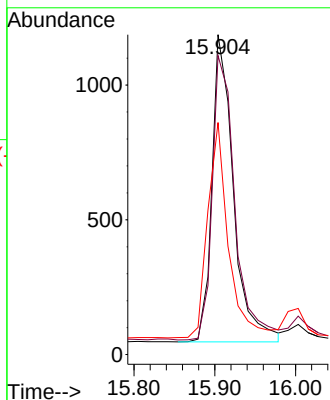
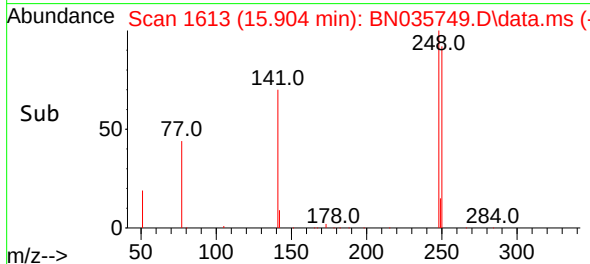


Tgt Ion:248 Resp: 211  
Ion Ratio Lower Upper  
248 100  
250 93.4 80.6 120.8  
141 72.5 31.5 47.3

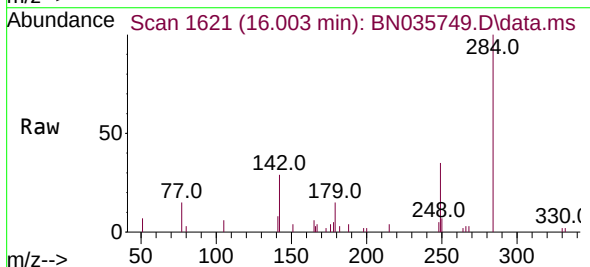
Manual Integrations

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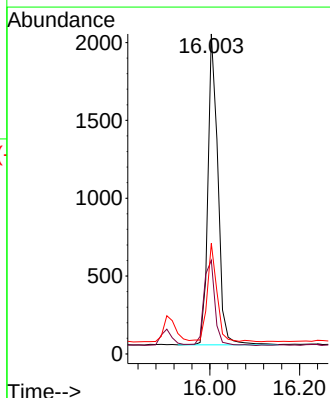
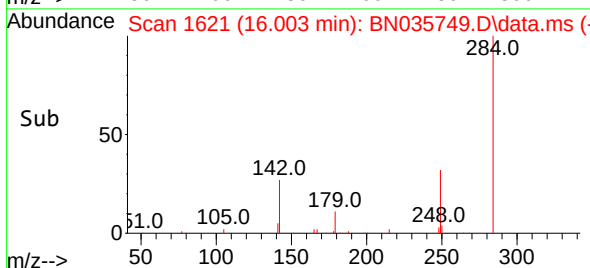
Reviewed By :Jagrut Upadhyay 12/23/2024  
Supervised By :mohammad ahmed 12/24/2024

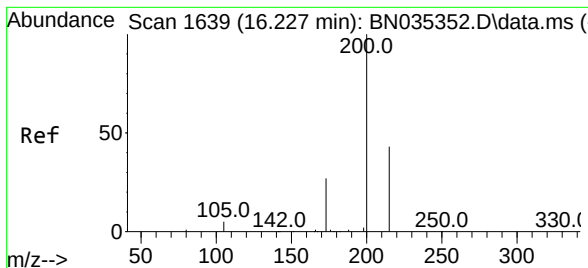


#22  
Hexachlorobenzene  
Concen: 0.487 ng  
RT: 16.003 min Scan# 1621  
Delta R.T. -0.012 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33



Tgt Ion:284 Resp: 3074  
Ion Ratio Lower Upper  
284 100  
142 30.3 26.7 40.1  
249 29.7 24.6 36.8





#23

Atrazine

Concen: 0.414 ng

RT: 16.202 min Scan# 1637

Delta R.T. -0.000 min

Lab File: BN035749.D

Acq: 20 Dec 2024 19:33

Instrument :

BNA\_N

ClientSampleId :

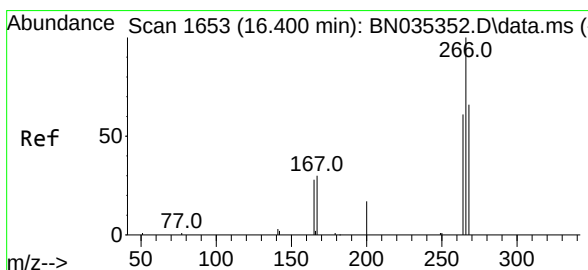
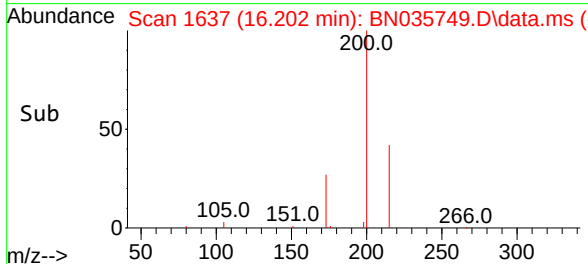
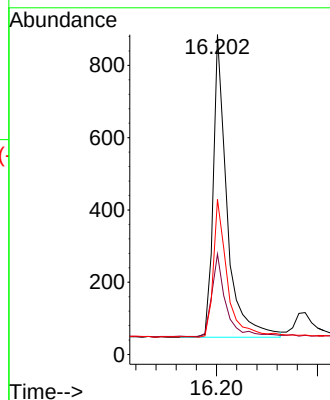
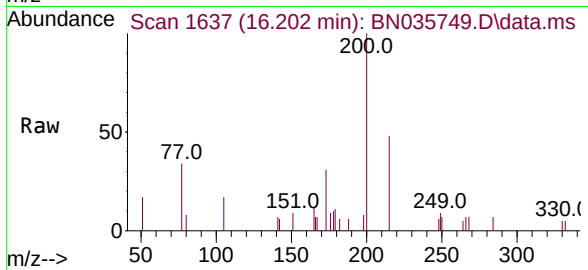
SSTDCCC0.4

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 1584 |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 31.4  | 24.1  | 36.1 |
| 215       | 48.5  | 36.9  | 55.3 |

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/23/2024  
Supervised By :mohammad ahmed 12/24/2024



#24

Pentachlorophenol

Concen: 0.370 ng

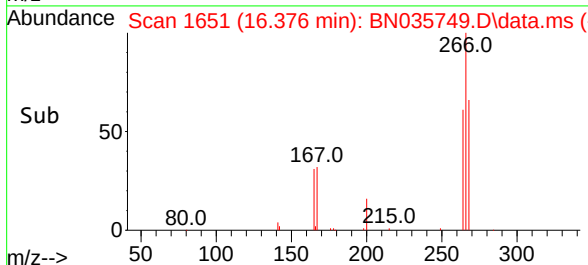
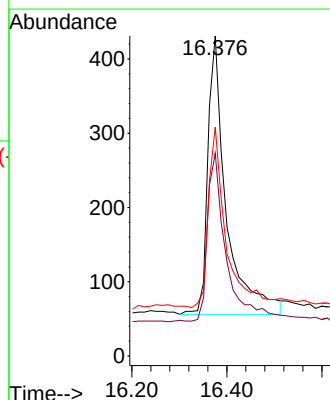
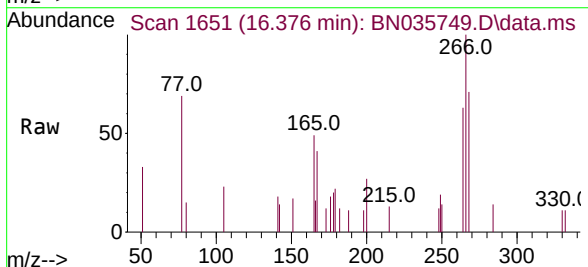
RT: 16.376 min Scan# 1651

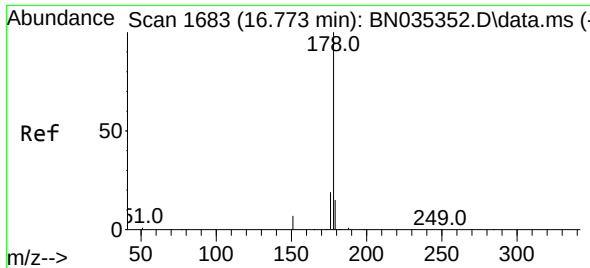
Delta R.T. -0.000 min

Lab File: BN035749.D

Acq: 20 Dec 2024 19:33

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 1014 |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 61.4  | 42.3  | 63.5 |
| 268       | 64.0  | 43.3  | 64.9 |





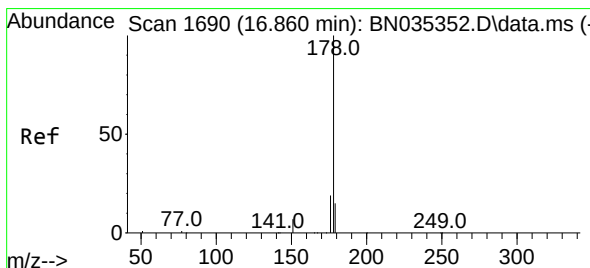
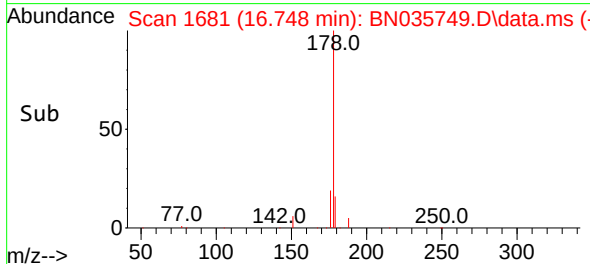
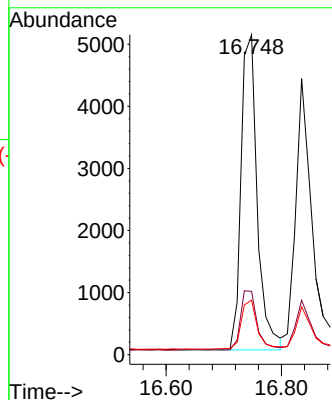
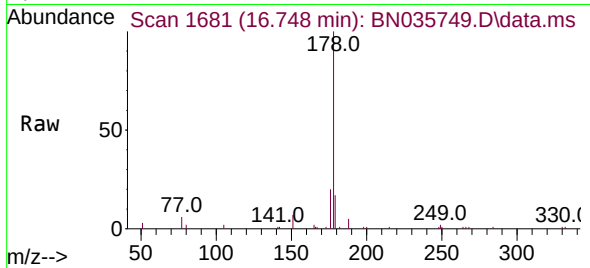
#25  
Phenanthrene  
Concen: 0.391 ng  
RT: 16.748 min Scan# 1681  
Delta R.T. -0.000 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:178 Resp: 986  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.4 23.2  
179 15.4 12.3 18.5

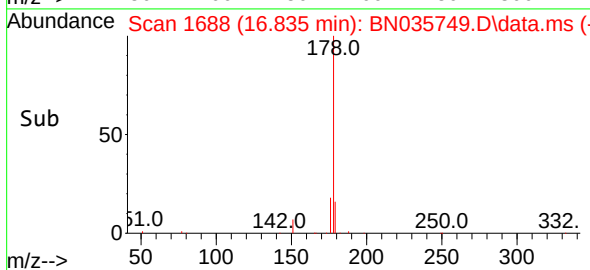
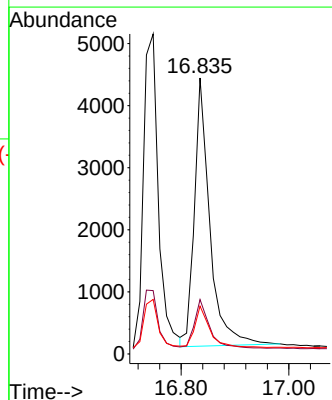
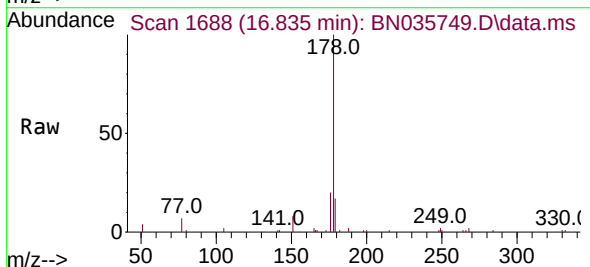
Manual Integrations  
APPROVED

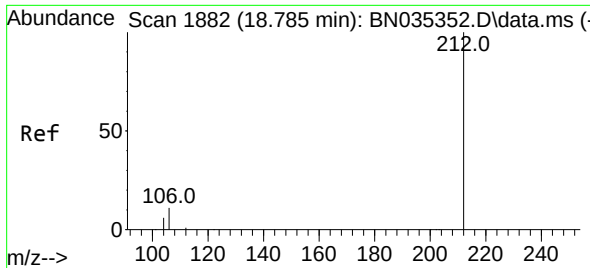
Reviewed By :Jagrut Upadhyay 12/23/2024  
Supervised By :mohammad ahmed 12/24/2024



#26  
Anthracene  
Concen: 0.378 ng  
RT: 16.835 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33

Tgt Ion:178 Resp: 8624  
Ion Ratio Lower Upper  
178 100  
176 18.2 15.0 22.6  
179 15.3 12.6 18.8





#27  
Fluoranthene-d10  
Concen: 0.379 ng  
RT: 18.761 min Scan# 1877  
Delta R.T. -0.000 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33

Instrument :

BNA\_N

ClientSampleId :

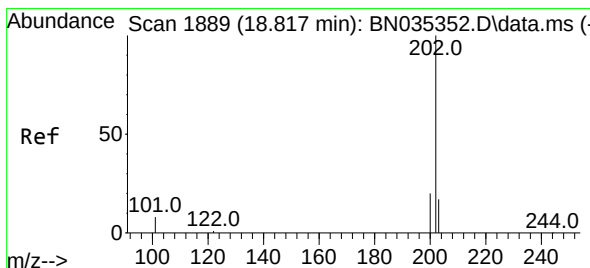
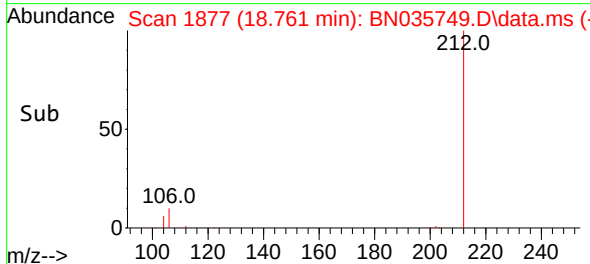
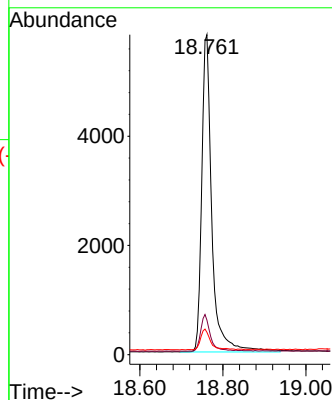
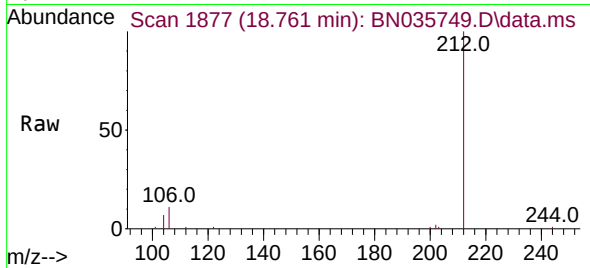
SSTDCCC0.4

Tgt Ion:212 Resp: 985  
Ion Ratio Lower Upper  
212 100  
106 11.0 9.2 13.8  
104 6.4 5.3 7.9

Manual Integrations

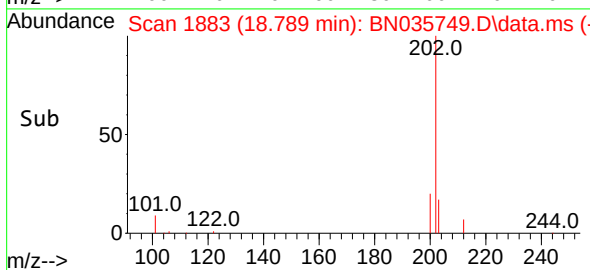
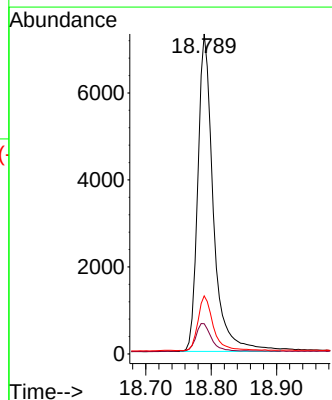
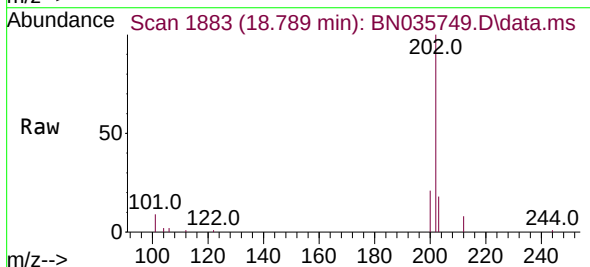
APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024  
Supervised By :mohammad ahmed 12/24/2024

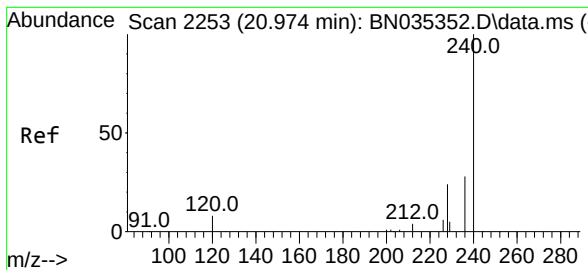


#28  
Fluoranthene  
Concen: 0.353 ng  
RT: 18.789 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33

Tgt Ion:202 Resp: 12002  
Ion Ratio Lower Upper  
202 100  
101 9.1 7.4 11.0  
203 17.1 13.7 20.5







#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 20.956 min Scan# 2119  
Delta R.T. -0.000 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33

Instrument :

BNA\_N

ClientSampleId :

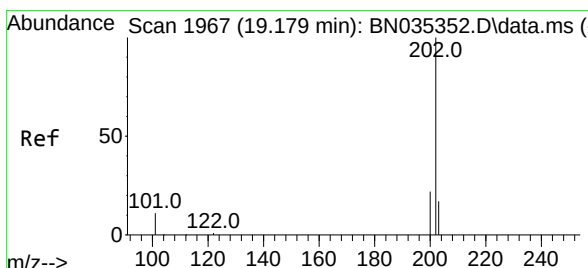
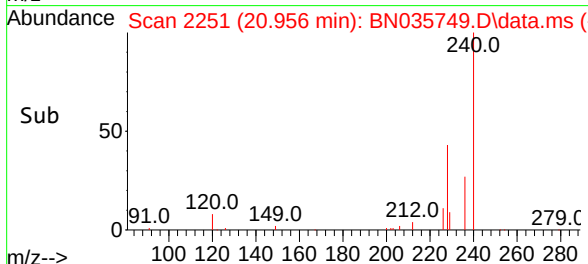
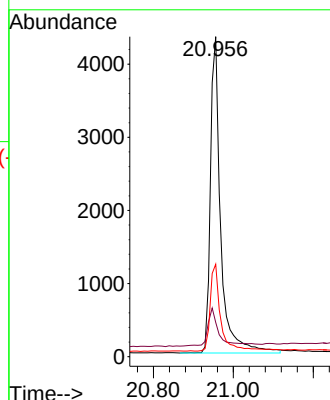
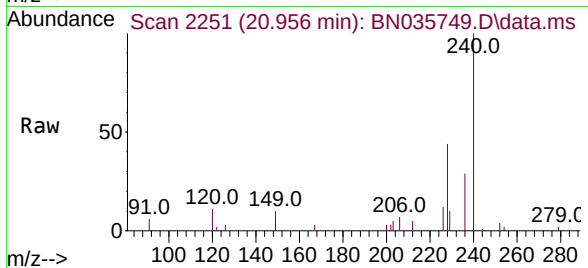
SSTDCCC0.4

Tgt Ion:240 Resp: 7719  
Ion Ratio Lower Upper  
240 100  
120 10.7 7.9 11.9  
236 28.9 22.9 34.3

Manual Integrations

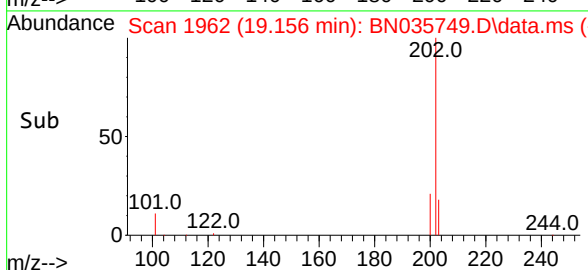
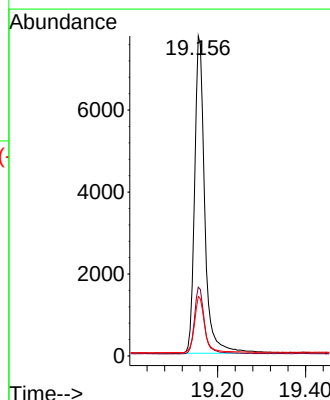
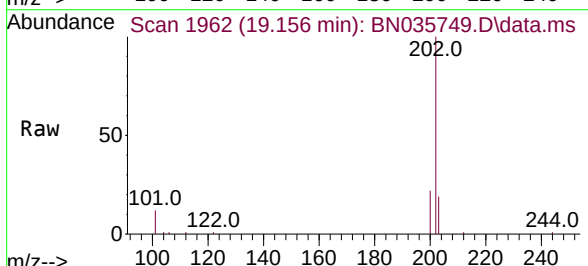
APPROVED

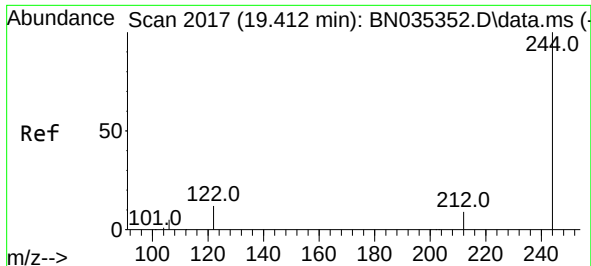
Reviewed By :Jagrut Upadhyay 12/23/2024  
Supervised By :mohammad ahmed 12/24/2024



#30  
Pyrene  
Concen: 0.438 ng  
RT: 19.156 min Scan# 1962  
Delta R.T. -0.005 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33

Tgt Ion:202 Resp: 12468  
Ion Ratio Lower Upper  
202 100  
200 20.7 17.0 25.4  
203 17.8 14.3 21.5





#31  
 Terphenyl-d14  
 Concen: 0.452 ng  
 RT: 19.393 min Scan# 2017  
 Delta R.T. 0.005 min  
 Lab File: BN035749.D  
 Acq: 20 Dec 2024 19:33

Instrument :

BNA\_N

ClientSampleId :

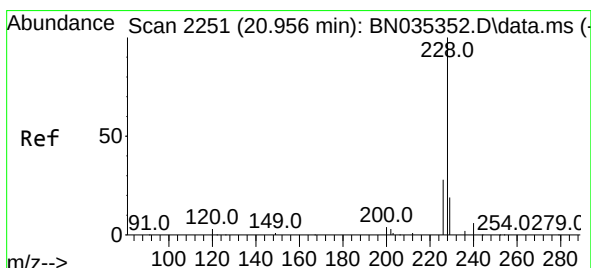
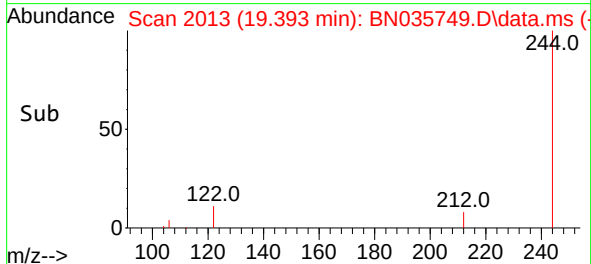
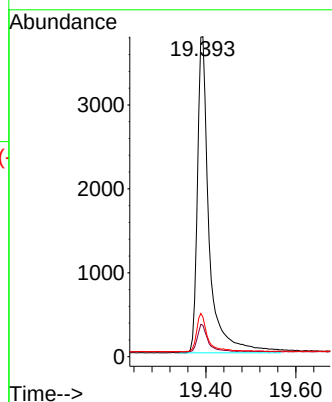
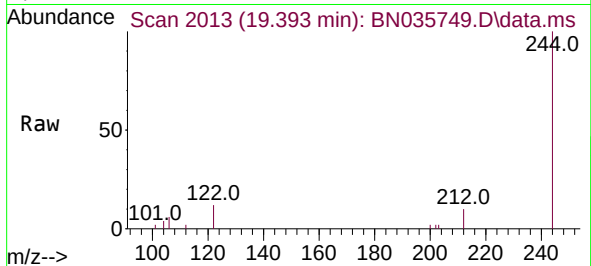
SSTDCCC0.4

Tgt Ion:244 Resp: 6880  
 Ion Ratio Lower Upper  
 244 100  
 212 9.8 8.1 12.1  
 122 12.4 10.3 15.5

Manual Integrations

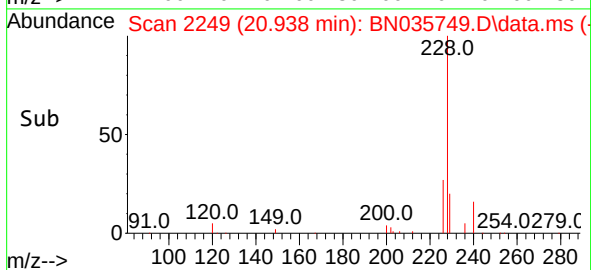
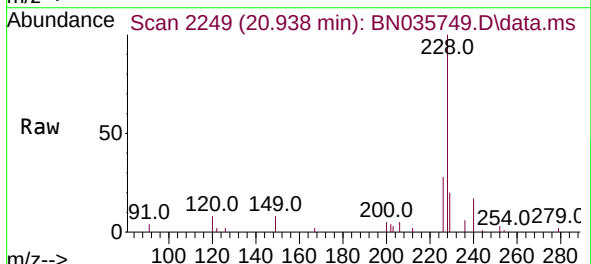
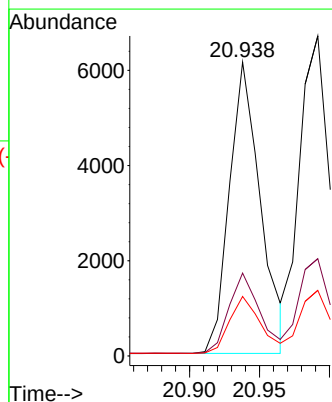
APPROVED

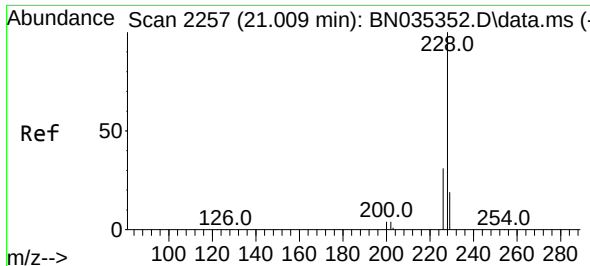
Reviewed By :Jagrut Upadhyay 12/23/2024  
 Supervised By :mohammad ahmed 12/24/2024



#32  
 Benzo(a)anthracene  
 Concen: 0.351 ng  
 RT: 20.938 min Scan# 2249  
 Delta R.T. -0.000 min  
 Lab File: BN035749.D  
 Acq: 20 Dec 2024 19:33

Tgt Ion:228 Resp: 9472  
 Ion Ratio Lower Upper  
 228 100  
 226 28.2 22.5 33.7  
 229 20.3 15.8 23.8





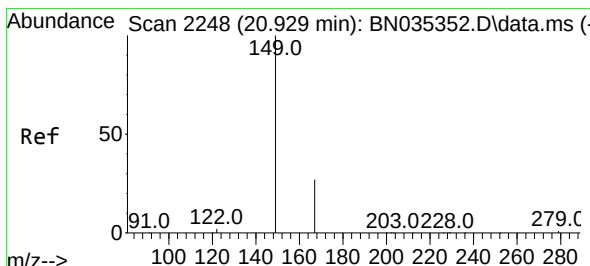
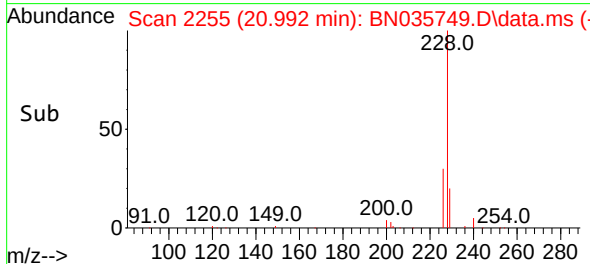
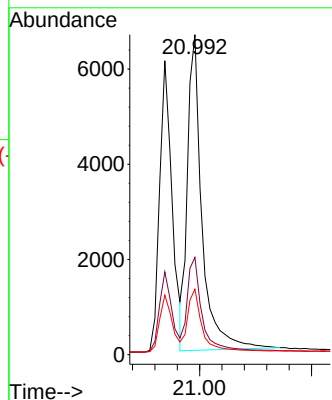
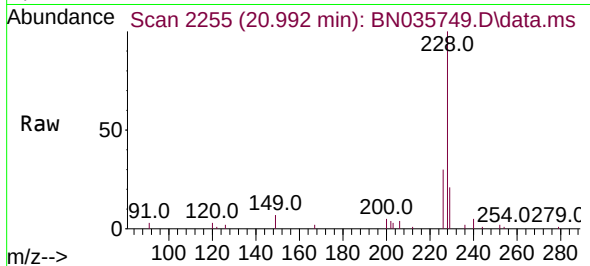
#33  
Chrysene  
Concen: 0.429 ng  
RT: 20.992 min Scan# 2105  
Delta R.T. -0.000 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion:228 Resp: 11952  
Ion Ratio Lower Upper  
228 100  
226 30.4 24.6 37.0  
229 20.5 15.9 23.9

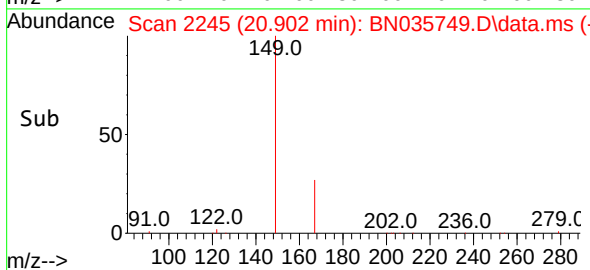
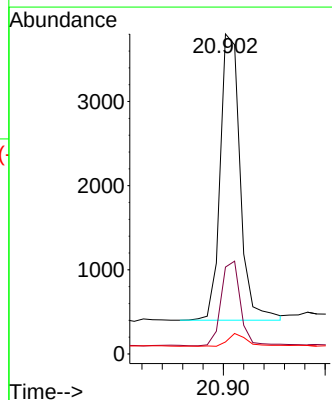
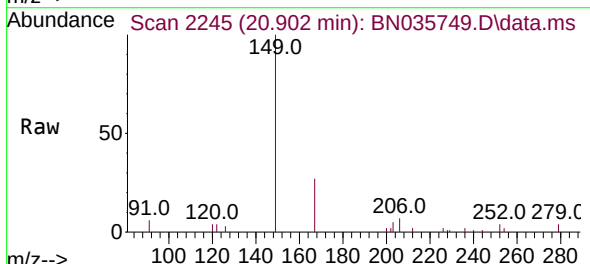
Manual Integrations  
APPROVED

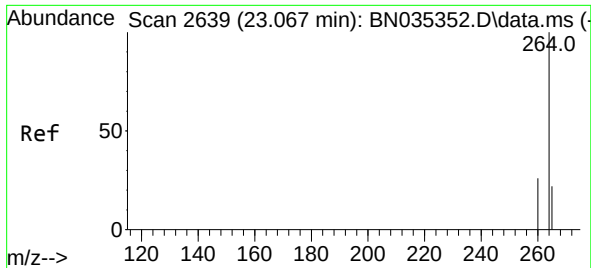
Reviewed By :Jagrut Upadhyay 12/23/2024  
Supervised By :mohammad ahmed 12/24/2024



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.434 ng  
RT: 20.902 min Scan# 2245  
Delta R.T. -0.009 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33

Tgt Ion:149 Resp: 4632  
Ion Ratio Lower Upper  
149 100  
167 28.9 22.2 33.4  
279 4.5 2.7 4.1#





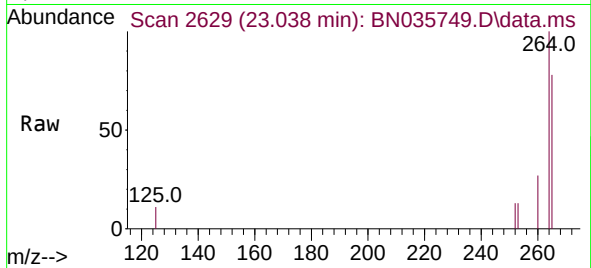
#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.038 min Scan# 2629  
Delta R.T. -0.003 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

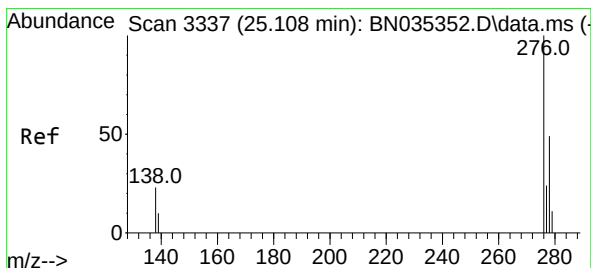
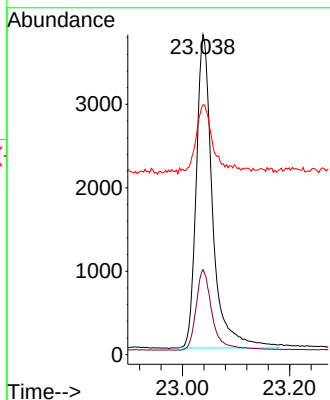
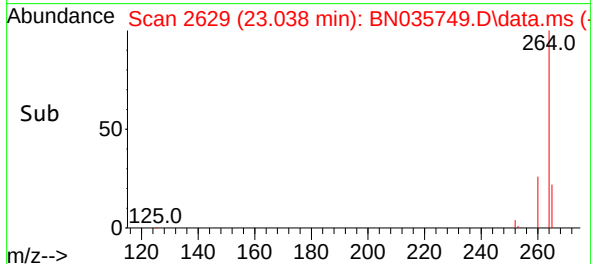


Tgt Ion:264 Resp: 794.3  
Ion Ratio Lower Upper  
264 100  
260 26.5 21.4 32.2  
265 78.1 40.2 60.4

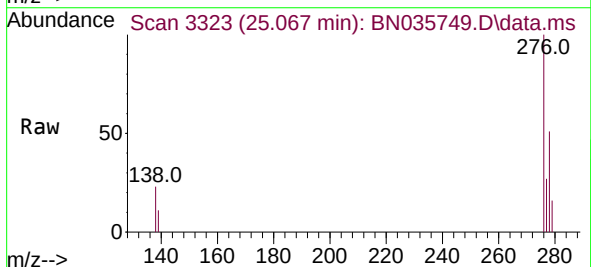
Manual Integrations

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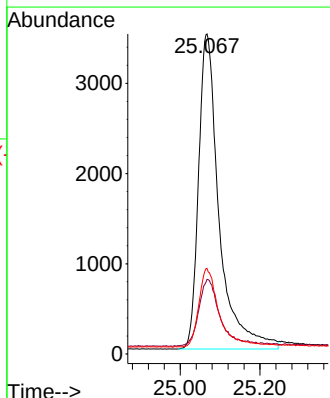
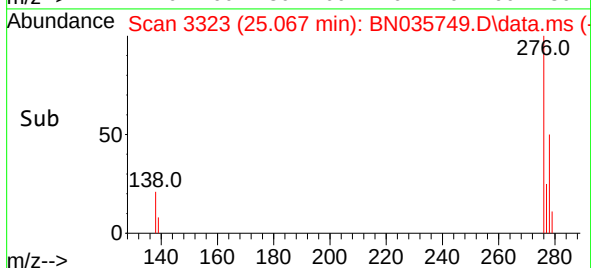
Reviewed By :Jagrut Upadhyay 12/23/2024  
Supervised By :mohammad ahmed 12/24/2024

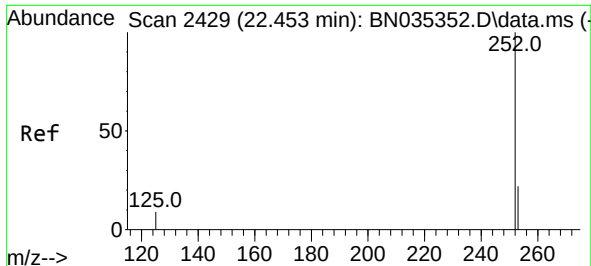


#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.404 ng  
RT: 25.067 min Scan# 3323  
Delta R.T. -0.000 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33



Tgt Ion:276 Resp: 12531  
Ion Ratio Lower Upper  
276 100  
138 21.0 19.4 29.0  
277 24.2 19.8 29.6





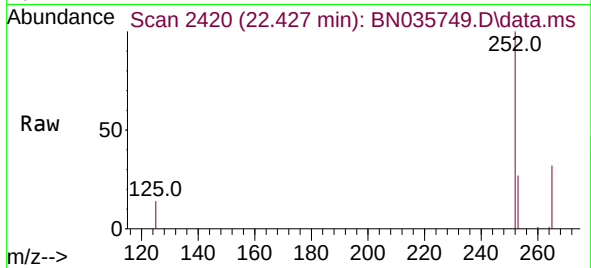
#37  
Benzo(b)fluoranthene  
Concen: 0.472 ng  
RT: 22.427 min Scan# 2420  
Delta R.T. -0.003 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4

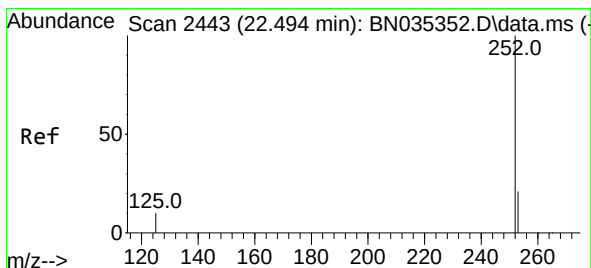
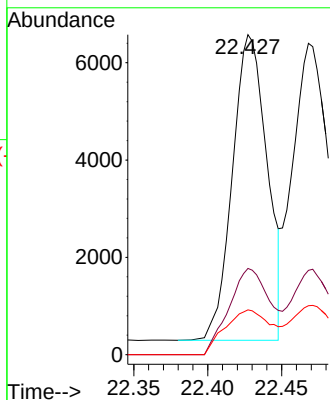
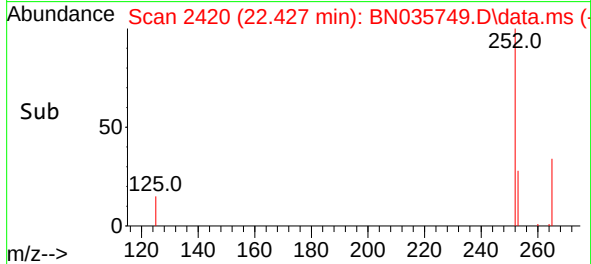


Tgt Ion:252 Resp: 13708  
Ion Ratio Lower Upper  
252 100  
253 26.9 19.6 29.4  
125 14.0 9.6 14.4

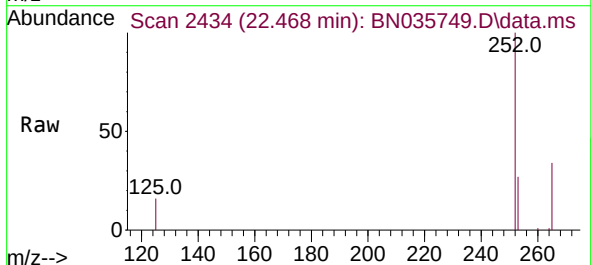
Manual Integrations

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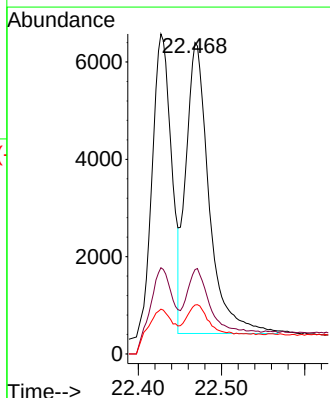
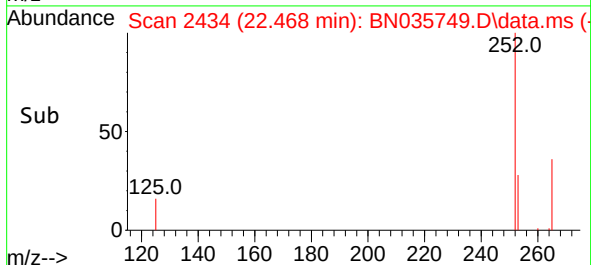
Reviewed By :Jagrut Upadhyay 12/23/2024  
Supervised By :mohammad ahmed 12/24/2024

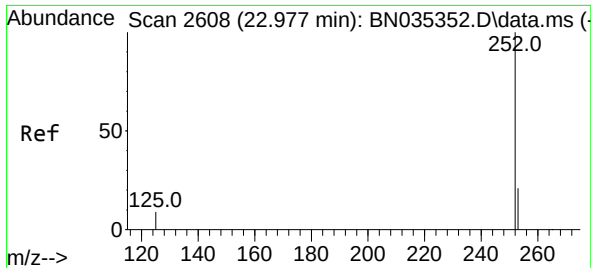


#38  
Benzo(k)fluoranthene  
Concen: 0.406 ng m  
RT: 22.468 min Scan# 2434  
Delta R.T. -0.003 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33



Tgt Ion:252 Resp: 11604  
Ion Ratio Lower Upper  
252 100  
253 27.1 19.5 29.3  
125 15.7 10.2 15.4#





#39  
Benzo(a)pyrene  
Concen: 0.389 ng  
RT: 22.950 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33

Instrument :

BNA\_N

ClientSampleId :

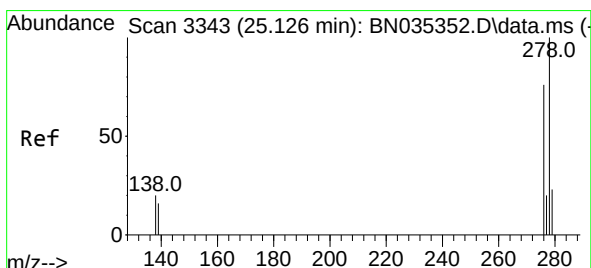
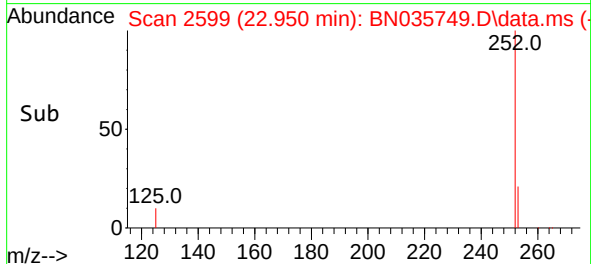
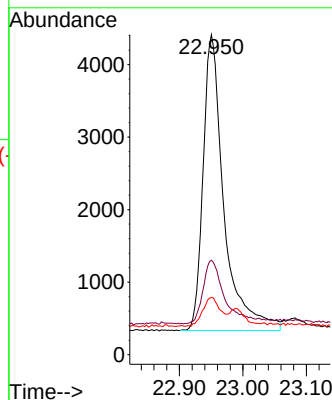
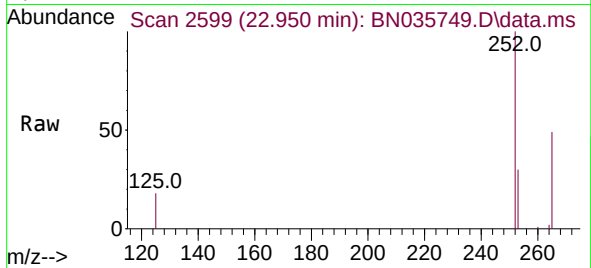
SSTDCCC0.4

Tgt Ion:252 Resp: 9304  
Ion Ratio Lower Upper  
252 100  
253 29.5 20.2 30.4  
125 17.9 10.9 16.3

Manual Integrations

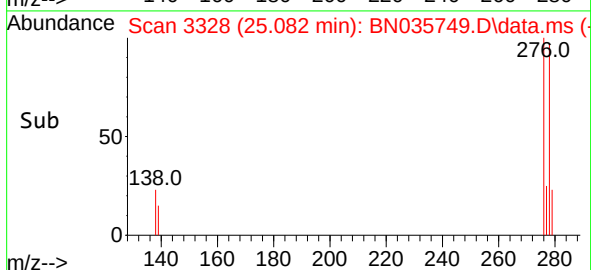
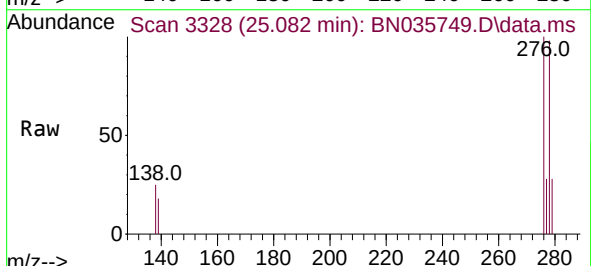
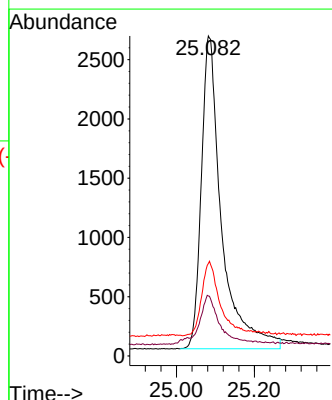
APPROVED

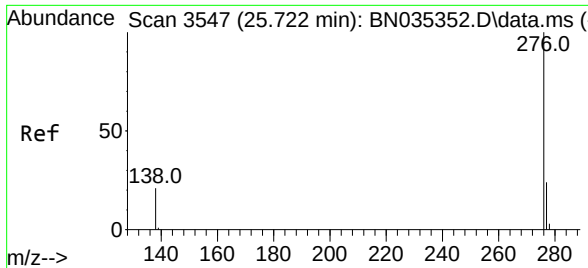
Reviewed By :Jagrut Upadhyay 12/23/2024  
Supervised By :mohammad ahmed 12/24/2024



#40  
Dibenzo(a,h)anthracene  
Concen: 0.389 ng  
RT: 25.082 min Scan# 3328  
Delta R.T. -0.000 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33

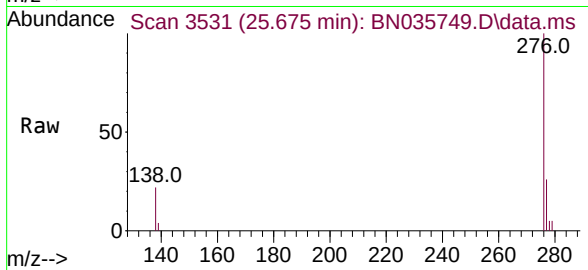
Tgt Ion:278 Resp: 9530  
Ion Ratio Lower Upper  
278 100  
139 18.7 14.2 21.4  
279 28.9 20.5 30.7





#41  
Benzo(g,h,i)perylene  
Concen: 0.438 ng  
RT: 25.675 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: BN035749.D  
Acq: 20 Dec 2024 19:33

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4



Tgt Ion: 276 Resp: 1121  
Ion Ratio Lower Upper  
276 100  
277 25.5 19.9 29.9  
138 22.2 17.8 26.8

Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024  
Supervised By :mohammad ahmed 12/24/2024

