

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121924\  
 Data File : BN035736.D  
 Acq On : 20 Dec 2024 11:41  
 Operator : RC/JU  
 Sample : P5280-05MSD  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BPOW6-11-20241212MSD

Quant Time: Dec 20 12:27:13 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 :Yogesh Patel 12/21/2024  
 Supervised By :mohammad ahmed 12/24/2024

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.272  | 152  | 3357     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.009 | 136  | 9243     | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 13.924 | 164  | 5773     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 16.698 | 188  | 12117    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 20.947 | 240  | 11029    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.038 | 264  | 11370    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 4.939  | 112  | 942      | 0.112 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.484  | 99   | 701      | 0.069 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.408  | 82   | 2003m    | 0.355 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 11.615 | 152  | 4592     | 0.317 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.453 | 330  | 754      | 0.184 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.538 | 172  | 6026     | 0.276 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 18.757 | 212  | 13288    | 0.387 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.388 | 244  | 10572    | 0.486 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.982  | 88   | 1749     | 0.545 | ng    | # 90     |
| 3) n-Nitrosodimethylamine     | 3.278  | 42   | 394      | 0.147 | ng    | # 89     |
| 6) bis(2-Chloroethyl)ether    | 6.723  | 93   | 2407     | 0.284 | ng    | 99       |
| 9) Naphthalene                | 10.063 | 128  | 6583     | 0.270 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.351 | 225  | 924      | 0.164 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 11.692 | 142  | 4392     | 0.252 | ng    | 98       |
| 16) Acenaphthylene            | 13.636 | 152  | 7346     | 0.303 | ng    | 99       |
| 17) Acenaphthene              | 13.989 | 154  | 4688     | 0.291 | ng    | 98       |
| 18) Fluorene                  | 14.993 | 166  | 6437     | 0.279 | ng    | 99       |
| 20) 4,6-Dinitro-2-methylph... | 15.122 | 198  | 141      | 0.118 | ng    | # 1      |
| 21) 4-Bromophenyl-phenylether | 15.904 | 248  | 2466     | 0.348 | ng    | # 82     |
| 22) Hexachlorobenzene         | 16.003 | 284  | 2768     | 0.333 | ng    | 95       |
| 23) Atrazine                  | 16.202 | 200  | 1444     | 0.286 | ng    | 96       |
| 24) Pentachlorophenol         | 16.375 | 266  | 361      | 0.100 | ng    | 92       |
| 25) Phenanthrene              | 16.735 | 178  | 11782    | 0.354 | ng    | 99       |
| 26) Anthracene                | 16.835 | 178  | 10189    | 0.338 | ng    | 99       |
| 28) Fluoranthene              | 18.789 | 202  | 15192    | 0.339 | ng    | 99       |
| 30) Pyrene                    | 19.156 | 202  | 15901    | 0.391 | ng    | 99       |
| 32) Benzo(a)anthracene        | 20.938 | 228  | 13511    | 0.350 | ng    | 98       |
| 33) Chrysene                  | 20.991 | 228  | 15009    | 0.377 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 20.911 | 149  | 7279     | 0.478 | ng    | # 99     |
| 36) Indeno(1,2,3-cd)pyrene    | 25.061 | 276  | 14877    | 0.335 | ng    | 98       |
| 37) Benzo(b)fluoranthene      | 22.427 | 252  | 21467    | 0.516 | ng    | 97       |
| 38) Benzo(k)fluoranthene      | 22.468 | 252  | 15196m   | 0.371 | ng    |          |
| 39) Benzo(a)pyrene            | 22.950 | 252  | 11175    | 0.326 | ng    | 93       |
| 40) Dibenzo(a,h)anthracene    | 25.079 | 278  | 11466    | 0.327 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 25.675 | 276  | 11017    | 0.301 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

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

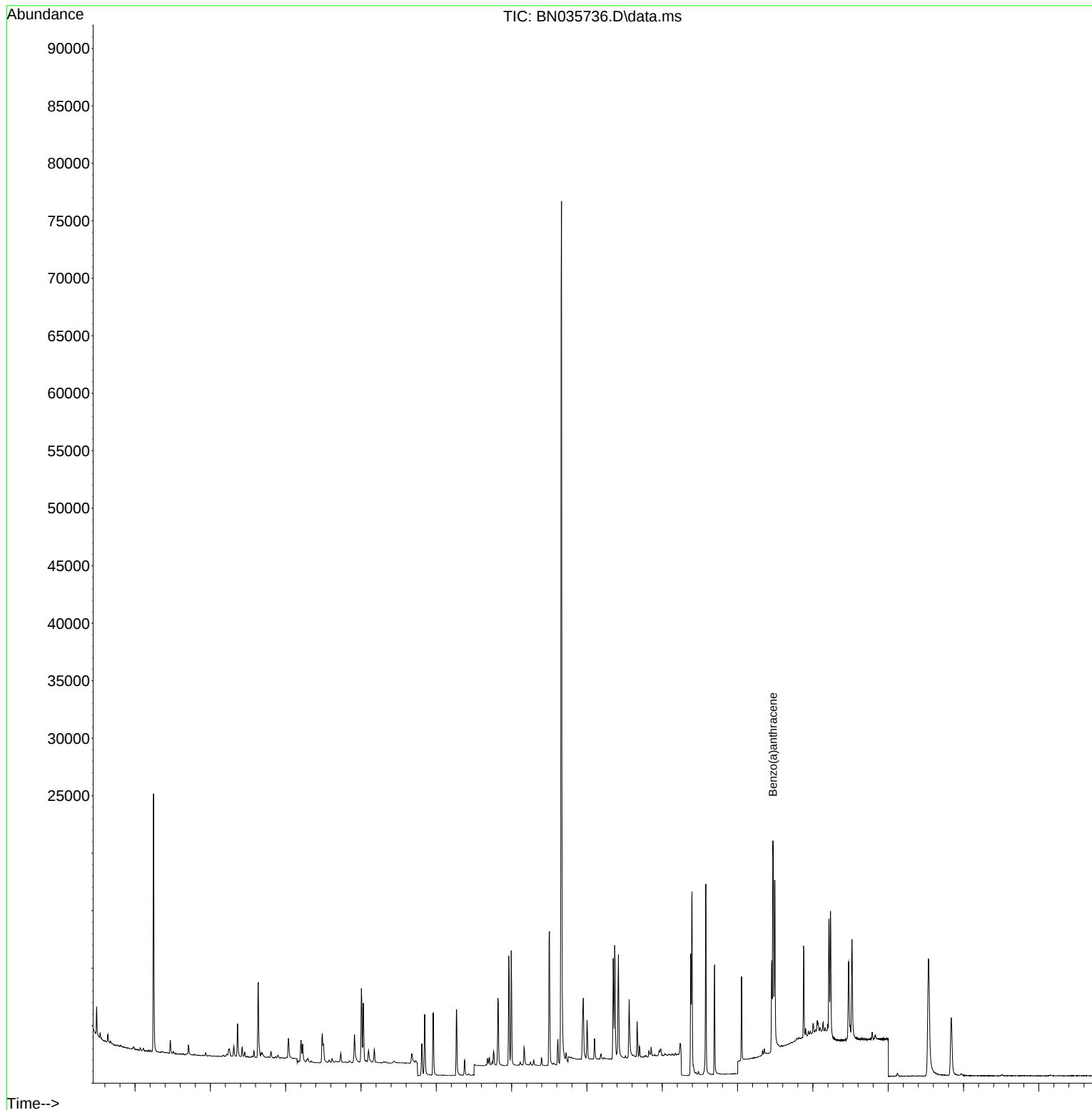
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121924\  
Data File : BN035736.D  
Acq On : 20 Dec 2024 11:41  
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Sample : P5280-05MSD  
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ALS Vial : 27 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Dec 19 23:06:19 2024  
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Manual Integrations  
APPROVED

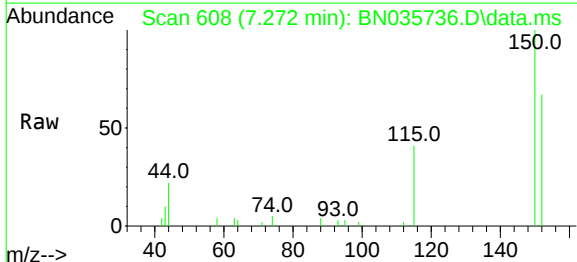
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/24/2024





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.272 min Scan# 60  
Delta R.T. -0.000 min  
Lab File: BN035736.D  
Acq: 20 Dec 2024 11:41

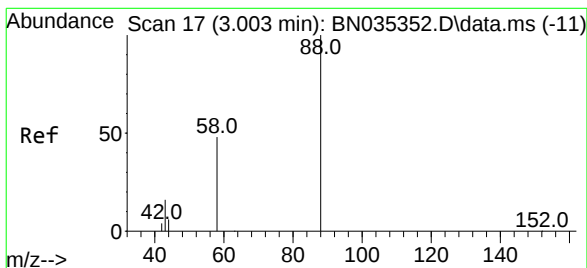
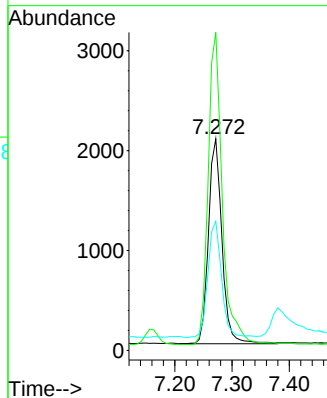
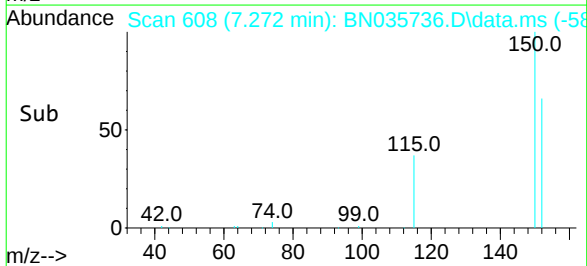
Instrument :  
BNA\_N  
ClientSampleId :  
BPOW6-11-20241212MSD



Tgt Ion: 152 Resp: 3357  
Ion Ratio Lower Upper  
152 100  
150 150.3 124.0 186.0  
115 61.1 49.6 74.4

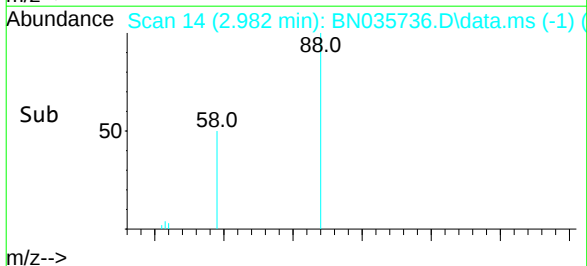
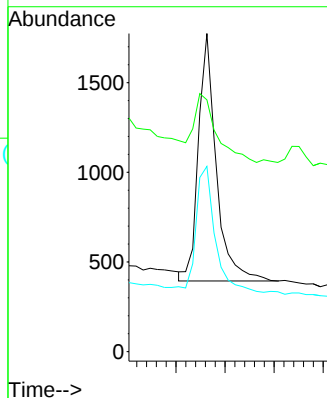
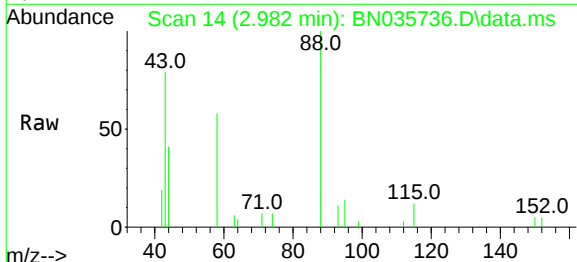
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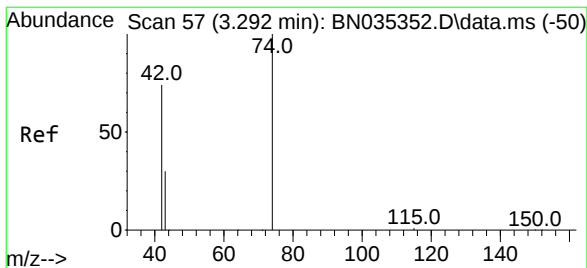
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/24/2024



#2  
1,4-Dioxane  
Concen: 0.545 ng  
RT: 2.982 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: BN035736.D  
Acq: 20 Dec 2024 11:41

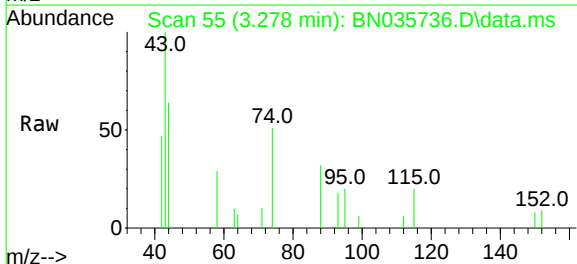
Tgt Ion: 88 Resp: 1749  
Ion Ratio Lower Upper  
88 100  
43 34.9 17.2 25.8#  
58 53.4 44.5 66.7





#3  
n-Nitrosodimethylamine  
Concen: 0.147 ng  
RT: 3.278 min Scan# 55  
Delta R.T. -0.000 min  
Lab File: BN035736.D  
Acq: 20 Dec 2024 11:41

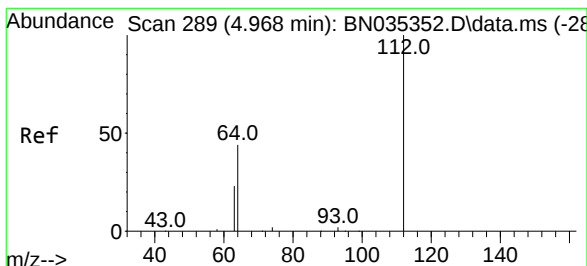
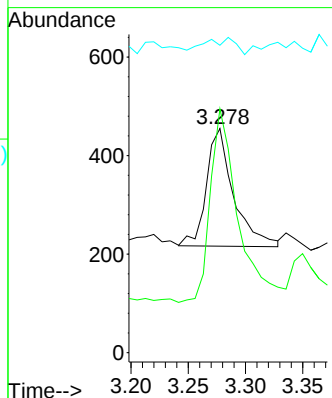
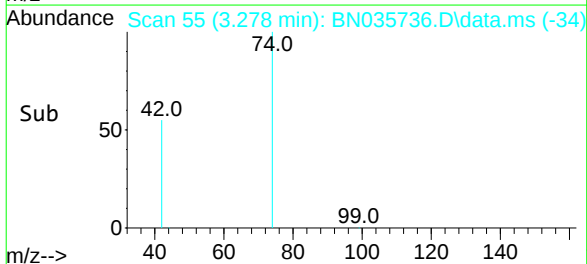
Instrument :  
BNA\_N  
ClientSampleId :  
BPOW6-11-20241212MSD



Tgt Ion: 42 Resp: 394  
Ion Ratio Lower Upper  
42 100  
74 169.8 124.9 187.3  
44 16.0 2.2 3.4

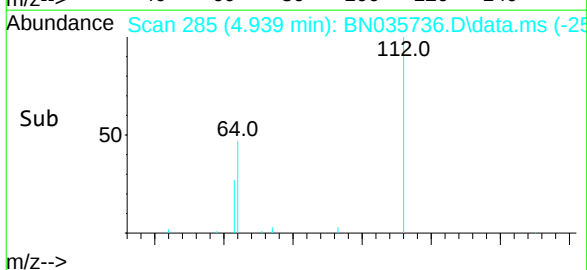
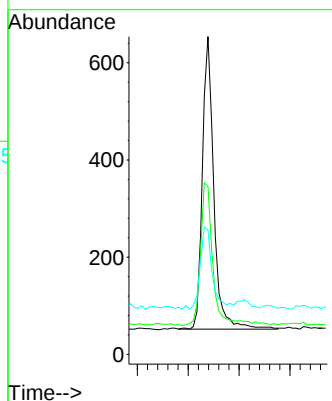
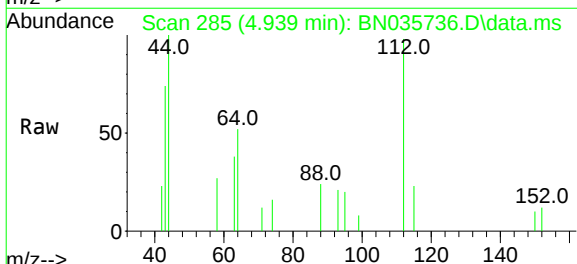
Manual Integrations  
APPROVED

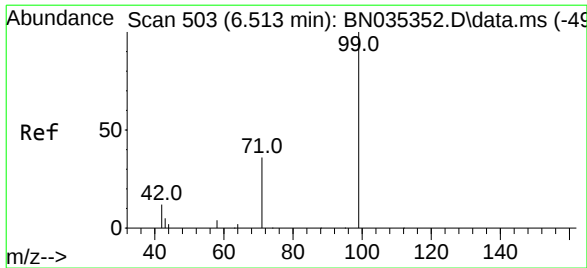
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/24/2024



#4  
2-Fluorophenol  
Concen: 0.112 ng  
RT: 4.939 min Scan# 285  
Delta R.T. -0.000 min  
Lab File: BN035736.D  
Acq: 20 Dec 2024 11:41

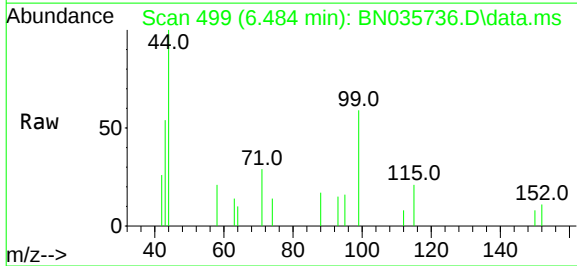
Tgt Ion:112 Resp: 942  
Ion Ratio Lower Upper  
112 100  
64 54.1 39.8 59.8  
63 29.4 21.0 31.6





#5  
Phenol-d6  
Concen: 0.069 ng  
RT: 6.484 min Scan# 49  
Delta R.T. -0.007 min  
Lab File: BN035736.D  
Acq: 20 Dec 2024 11:41

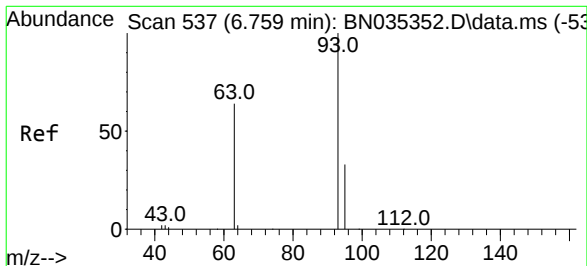
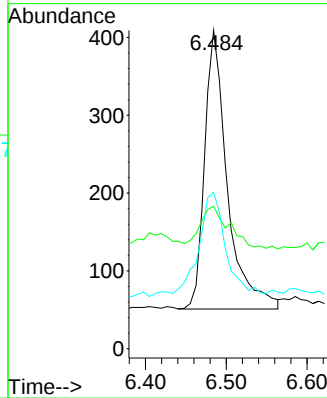
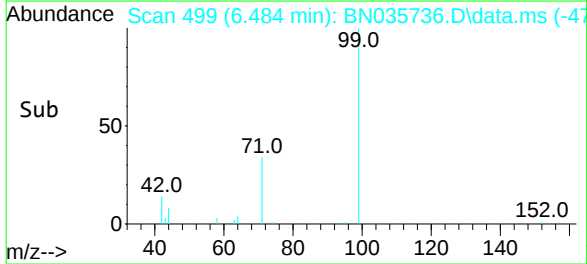
Instrument :  
BNA\_N  
ClientSampleId :  
BPOW6-11-20241212MSD



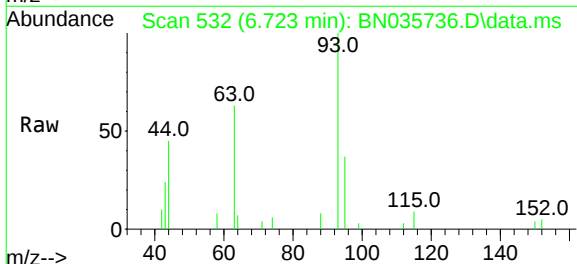
Tgt Ion: 99 Resp: 701  
Ion Ratio Lower Upper  
99 100  
42 20.0 11.4 17.2#  
71 45.9 29.3 43.9#

Manual Integrations  
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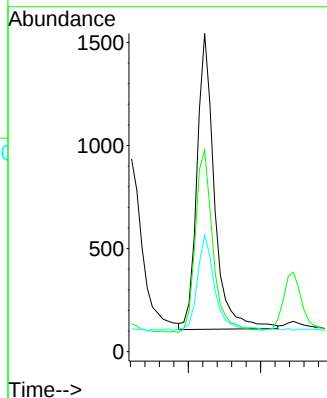
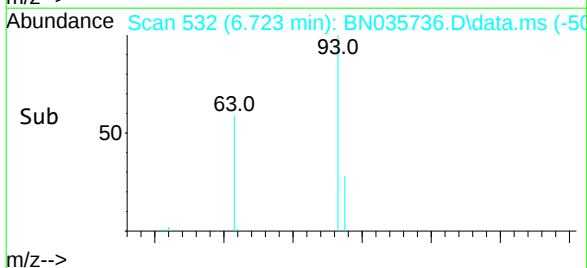
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/24/2024

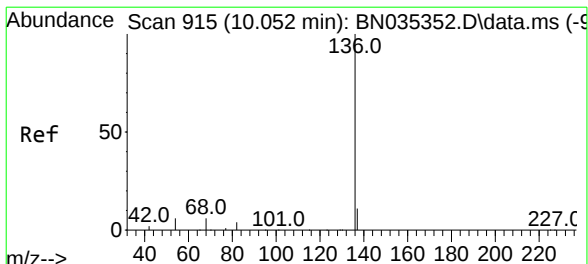


#6  
bis(2-Chloroethyl)ether  
Concen: 0.284 ng  
RT: 6.723 min Scan# 532  
Delta R.T. -0.007 min  
Lab File: BN035736.D  
Acq: 20 Dec 2024 11:41



Tgt Ion: 93 Resp: 2407  
Ion Ratio Lower Upper  
93 100  
63 61.9 50.4 75.6  
95 31.7 25.7 38.5



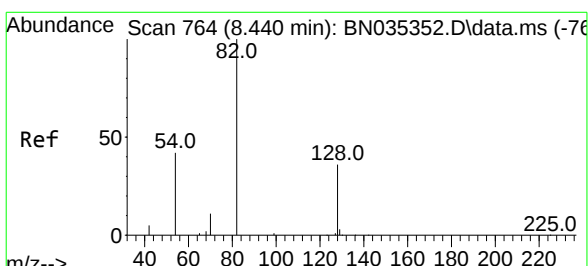
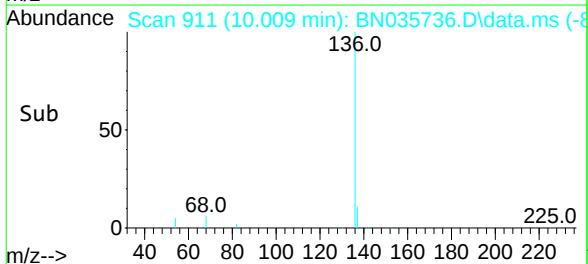
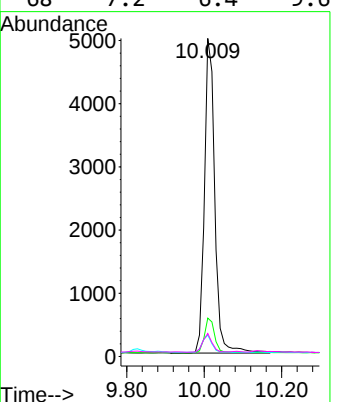
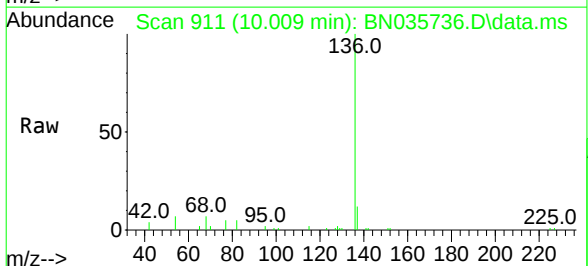


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.009 min Scan# 911  
Delta R.T. -0.011 min  
Lab File: BN035736.D  
Acq: 20 Dec 2024 11:41

Instrument : BNA\_N  
ClientSampleId : BPOW6-11-20241212MSD

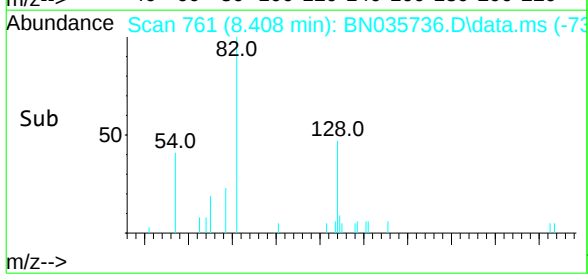
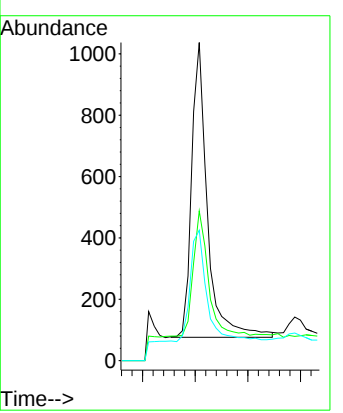
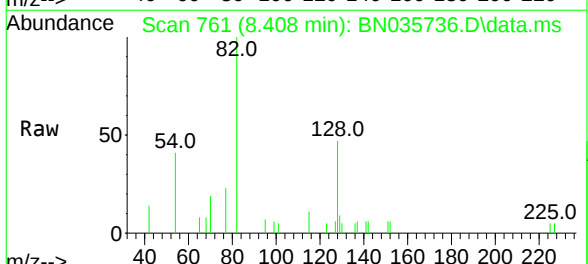
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|-----------|-------|-------|------|
| Tgt Ion:  | 136   | Resp: | 9243 |
| Ion Ratio | Lower | Upper |      |
| 136       | 100   |       |      |
| 137       | 12.1  | 10.2  | 15.2 |
| 54        | 6.7   | 6.1   | 9.1  |
| 68        | 7.2   | 6.4   | 9.6  |

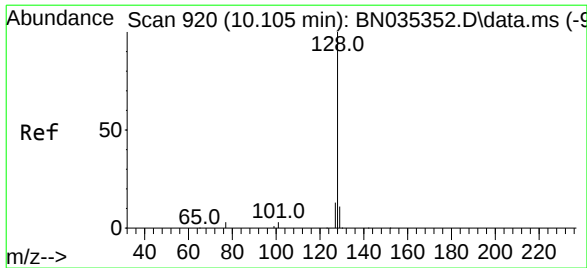
Manual Integrations  
**APPROVED**  
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/24/2024



#8  
Nitrobenzene-d5  
Concen: 0.355 ng m  
RT: 8.408 min Scan# 761  
Delta R.T. -0.000 min  
Lab File: BN035736.D  
Acq: 20 Dec 2024 11:41

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 2003 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 47.1  | 33.4  | 50.0 |
| 54        | 41.0  | 36.7  | 55.1 |





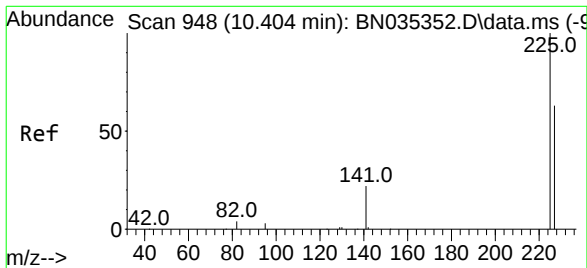
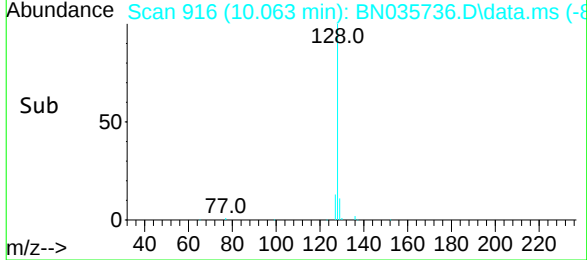
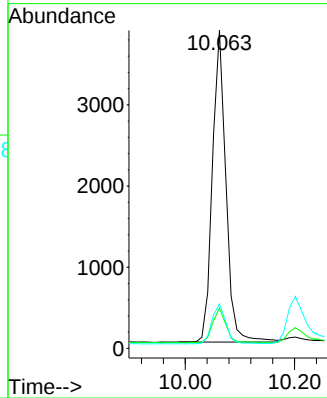
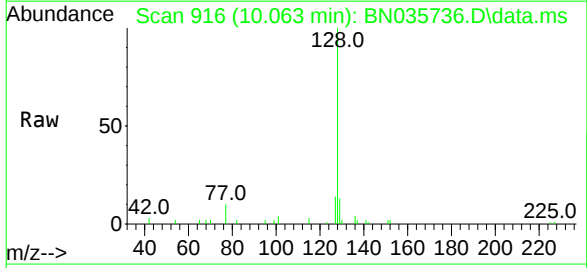
#9  
Naphthalene  
Concen: 0.270 ng  
RT: 10.063 min Scan# 916  
Delta R.T. -0.000 min  
Lab File: BN035736.D  
Acq: 20 Dec 2024 11:41

Instrument :  
BNA\_N  
ClientSampleId :  
BPOW6-11-20241212MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 6583  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 129      | 12.7  | 9.8   | 14.6  |
| 127      | 14.0  | 11.4  | 17.2  |

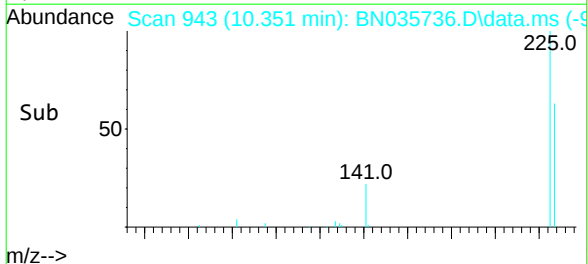
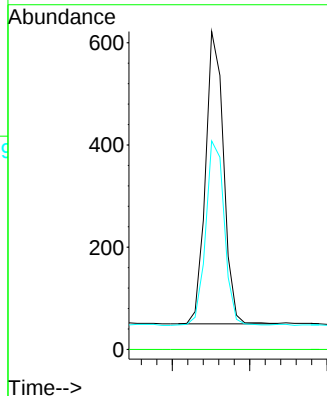
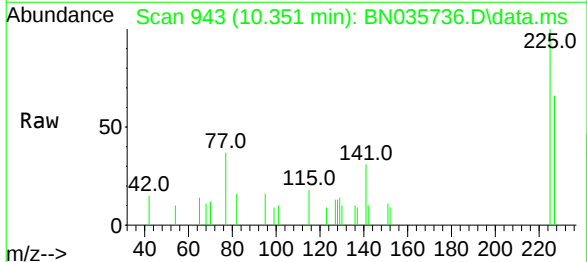
Manual Integrations  
APPROVED

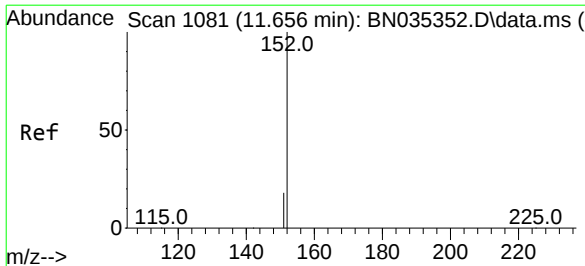
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/24/2024



#10  
Hexachlorobutadiene  
Concen: 0.164 ng  
RT: 10.351 min Scan# 943  
Delta R.T. -0.011 min  
Lab File: BN035736.D  
Acq: 20 Dec 2024 11:41

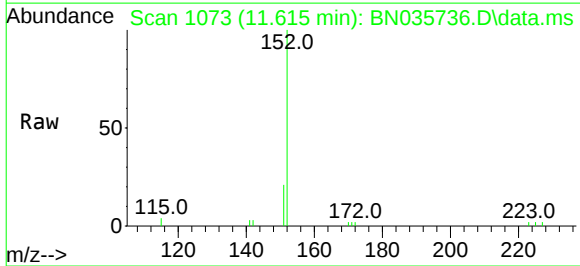
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 924   |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 0.0   | 0.0   |
| 227      | 65.3  | 51.3  | 76.9  |





#11  
2-Methylnaphthalene-d10  
Concen: 0.317 ng  
RT: 11.615 min Scan# 1081  
Delta R.T. -0.005 min  
Lab File: BN035736.D  
Acq: 20 Dec 2024 11:41

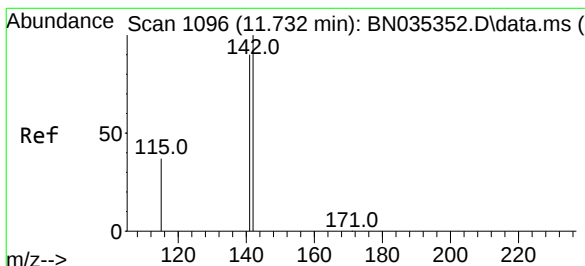
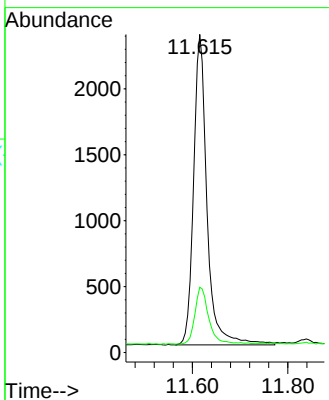
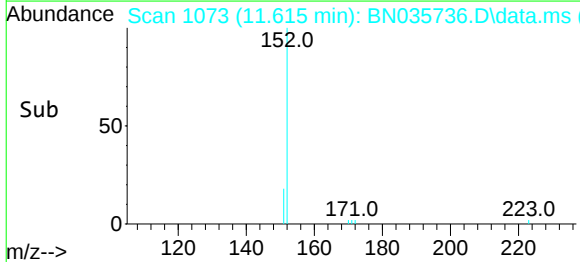
Instrument :  
BNA\_N  
ClientSampleId :  
BPOW6-11-20241212MSD



Tgt Ion:152 Resp: 4592  
Ion Ratio Lower Upper  
152 100  
151 19.0 16.6 25.0

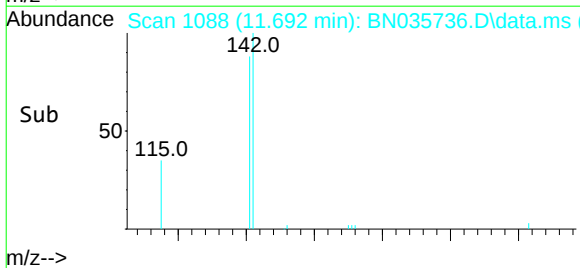
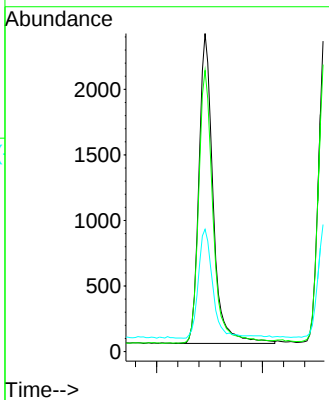
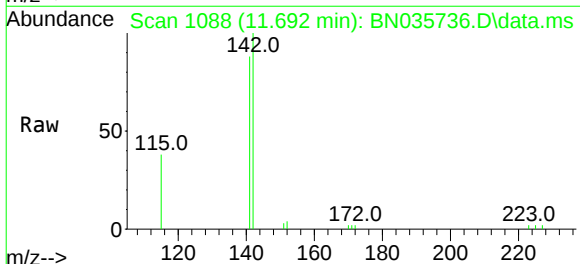
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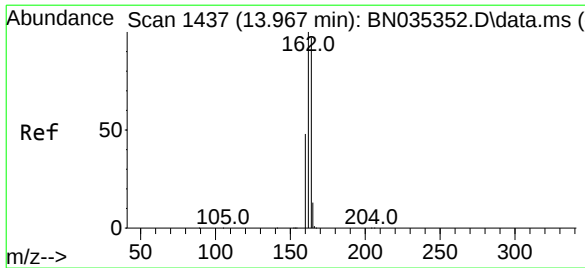
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/24/2024



#12  
2-Methylnaphthalene  
Concen: 0.252 ng  
RT: 11.692 min Scan# 1088  
Delta R.T. -0.005 min  
Lab File: BN035736.D  
Acq: 20 Dec 2024 11:41

Tgt Ion:142 Resp: 4392  
Ion Ratio Lower Upper  
142 100  
141 88.4 72.2 108.4  
115 38.5 31.4 47.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 13.924 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN035736.D

Acq: 20 Dec 2024 11:41

Instrument :

BNA\_N

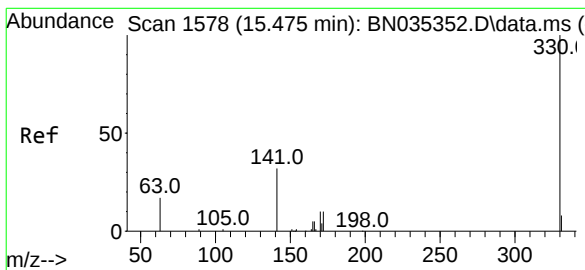
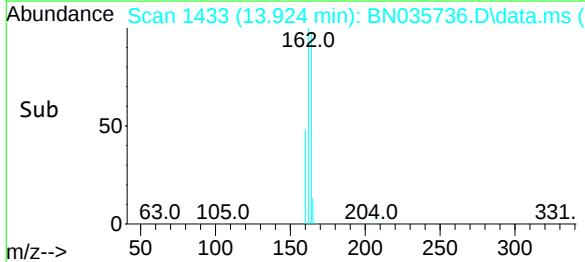
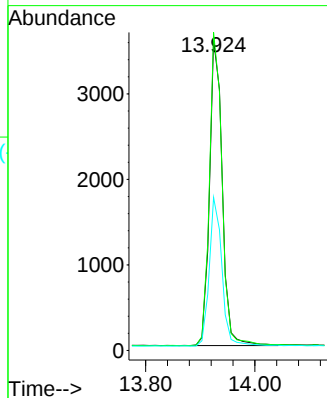
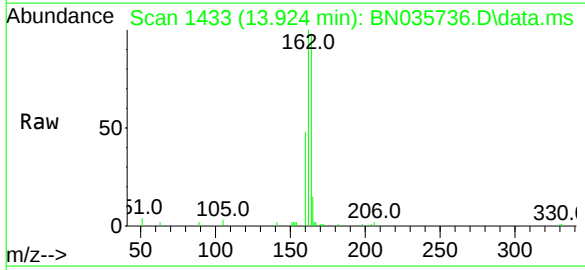
ClientSampleId :

BPOW6-11-20241212MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 5773  |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 162      | 102.4 | 82.2  | 123.2 |
| 160      | 49.3  | 40.1  | 60.1  |

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/24/2024



#14

2,4,6-Tribromophenol

Concen: 0.184 ng

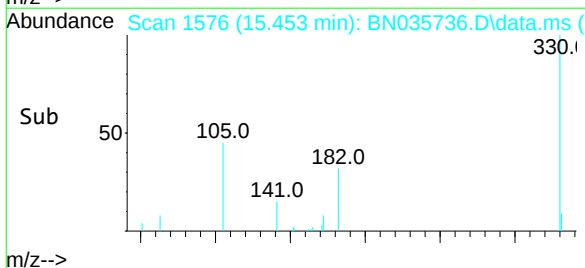
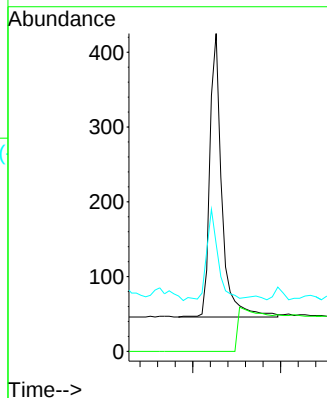
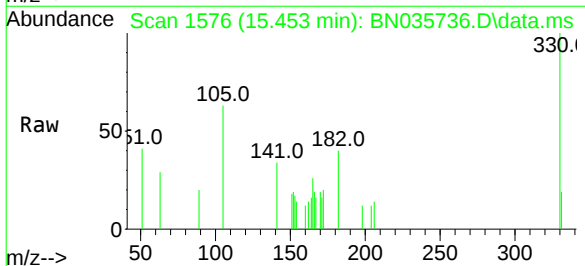
RT: 15.453 min Scan# 1576

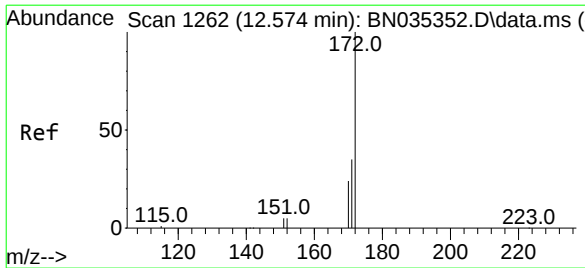
Delta R.T. -0.000 min

Lab File: BN035736.D

Acq: 20 Dec 2024 11:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 754   |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 0.0   | 0.0   | 0.0   |
| 141      | 28.5  | 26.6  | 40.0  |





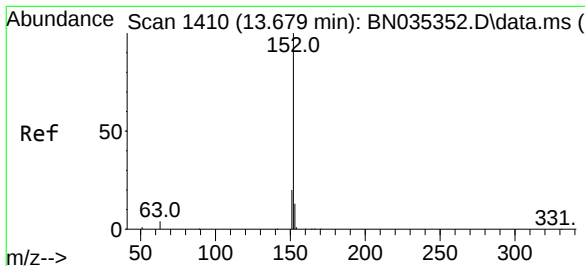
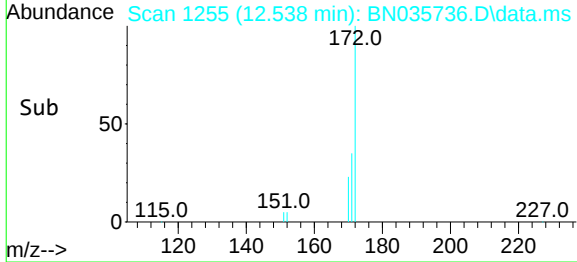
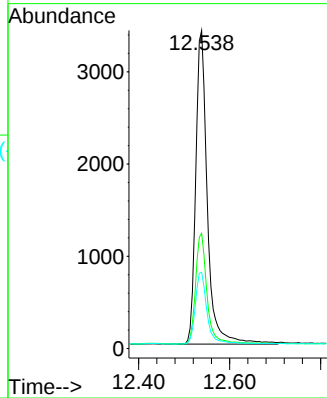
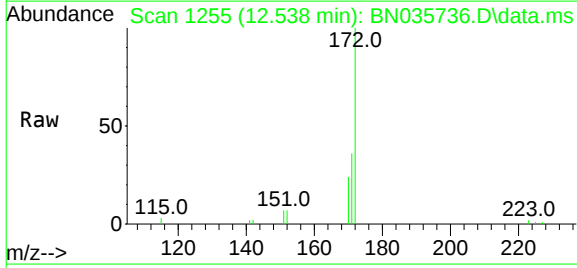
#15  
2-Fluorobiphenyl  
Concen: 0.276 ng  
RT: 12.538 min Scan# 12  
Delta R.T. -0.005 min  
Lab File: BN035736.D  
Acq: 20 Dec 2024 11:41

Instrument :  
BNA\_N  
ClientSampleId :  
BPOW6-11-20241212MSD

Tgt Ion:172 Resp: 6026  
Ion Ratio Lower Upper  
172 100  
171 36.2 29.0 43.4  
170 24.0 19.8 29.8

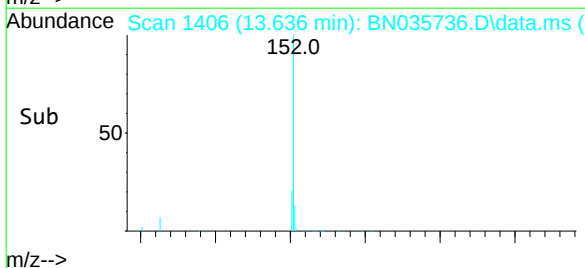
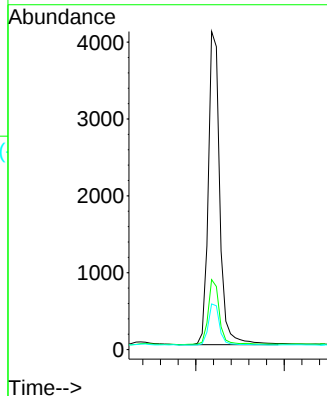
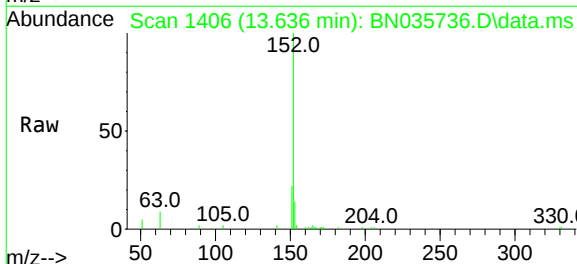
Manual Integrations  
APPROVED

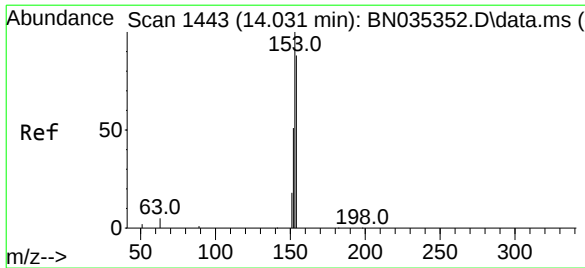
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/24/2024



#16  
Acenaphthylene  
Concen: 0.303 ng  
RT: 13.636 min Scan# 1406  
Delta R.T. -0.011 min  
Lab File: BN035736.D  
Acq: 20 Dec 2024 11:41

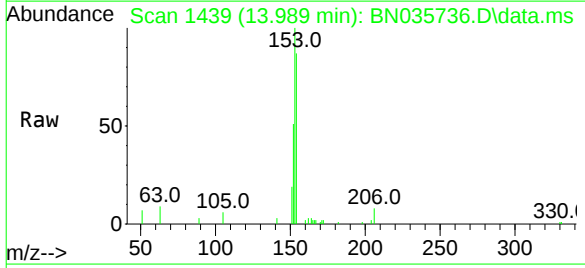
Tgt Ion:152 Resp: 7346  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.2 24.2  
153 13.0 10.4 15.6





#17  
Acenaphthene  
Concen: 0.291 ng  
RT: 13.989 min Scan# 14  
Delta R.T. -0.011 min  
Lab File: BN035736.D  
Acq: 20 Dec 2024 11:41

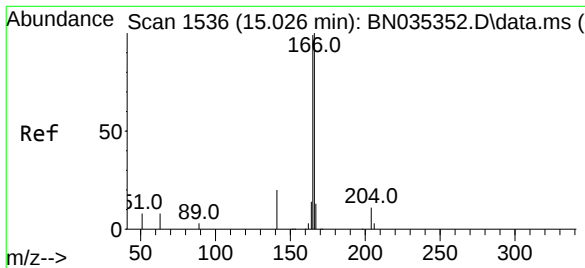
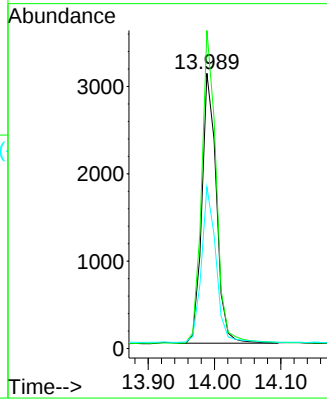
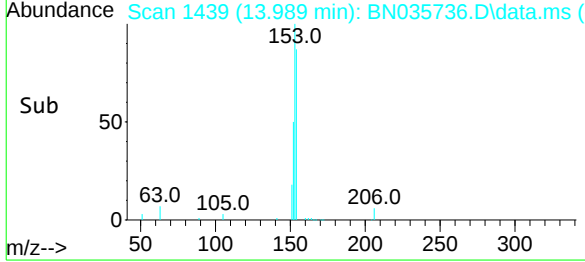
Instrument :  
BNA\_N  
ClientSampleId :  
BPOW6-11-20241212MSD



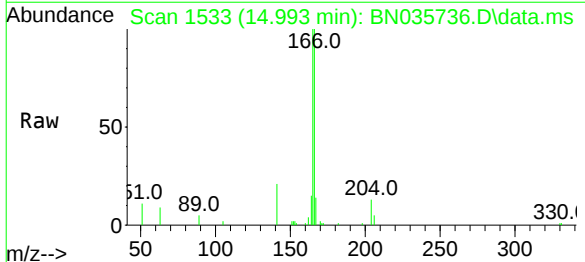
Tgt Ion:154 Resp: 4688  
Ion Ratio Lower Upper  
154 100  
153 116.3 92.6 139.0  
152 58.3 49.0 73.6

Manual Integrations  
APPROVED

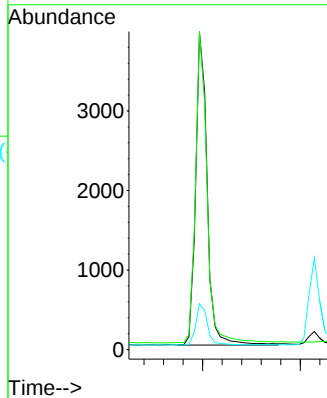
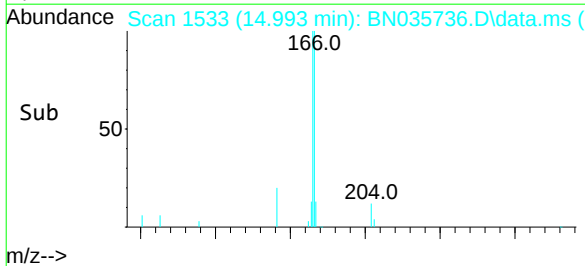
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/24/2024

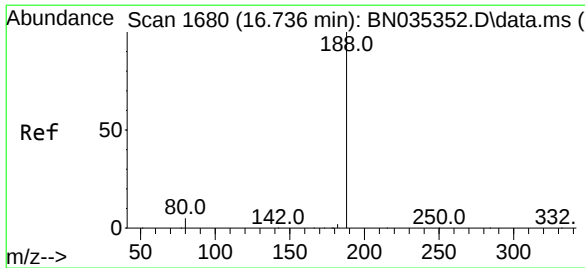


#18  
Fluorene  
Concen: 0.279 ng  
RT: 14.993 min Scan# 1533  
Delta R.T. -0.011 min  
Lab File: BN035736.D  
Acq: 20 Dec 2024 11:41



Tgt Ion:166 Resp: 6437  
Ion Ratio Lower Upper  
166 100  
165 98.6 79.7 119.5  
167 13.4 10.8 16.2





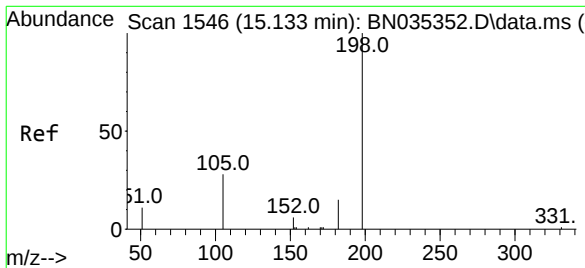
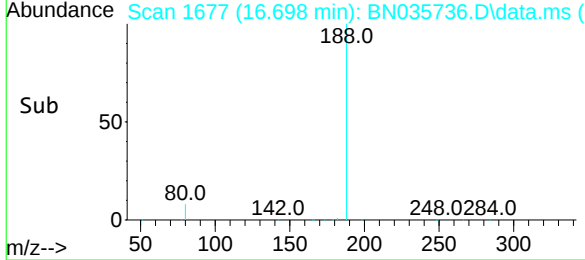
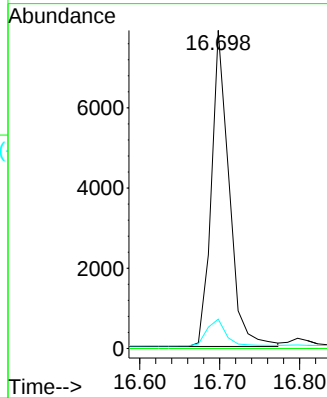
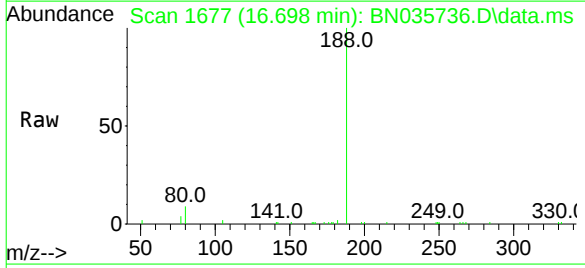
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.698 min Scan# 16  
Delta R.T. -0.000 min  
Lab File: BN035736.D  
Acq: 20 Dec 2024 11:41

Instrument :  
BNA\_N  
ClientSampleId :  
BPOW6-11-20241212MSD

Tgt Ion:188 Resp: 12117  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 9.2 4.6 6.8#

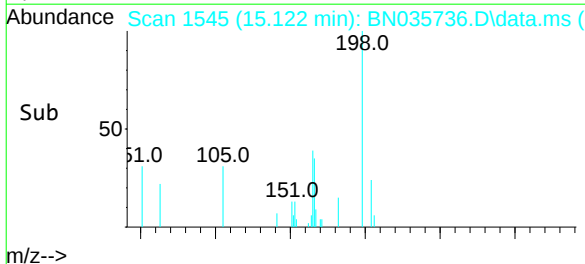
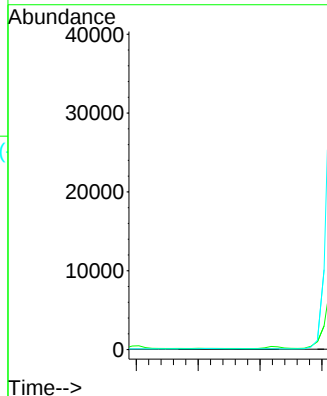
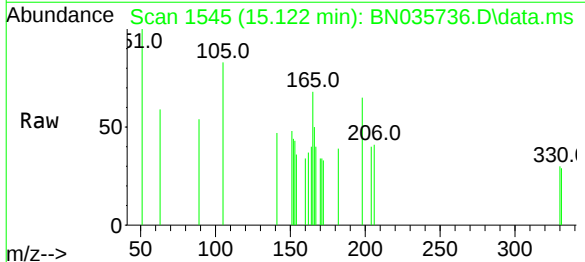
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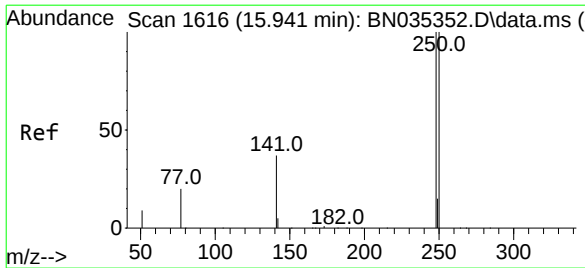
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/24/2024



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.118 ng  
RT: 15.122 min Scan# 1545  
Delta R.T. -0.000 min  
Lab File: BN035736.D  
Acq: 20 Dec 2024 11:41

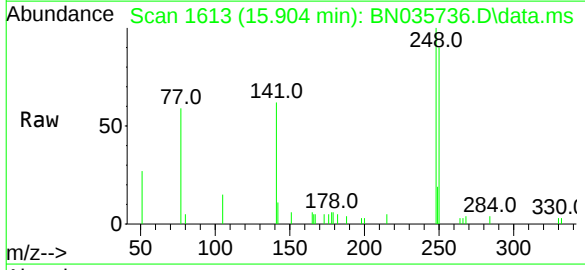
Tgt Ion:198 Resp: 141  
Ion Ratio Lower Upper  
198 100  
51 153.5 46.5 69.7#  
105 127.7 45.3 67.9#





#21  
4-Bromophenyl-phenylether  
Concen: 0.348 ng  
RT: 15.904 min Scan# 1616  
Delta R.T. -0.013 min  
Lab File: BN035736.D  
Acq: 20 Dec 2024 11:41

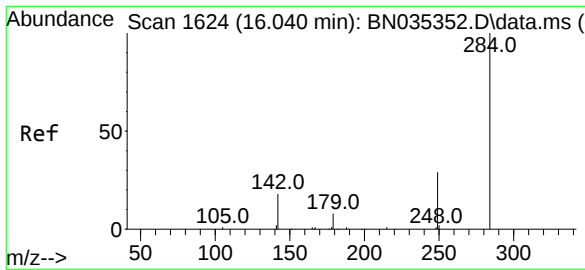
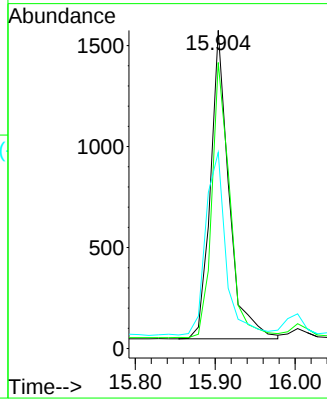
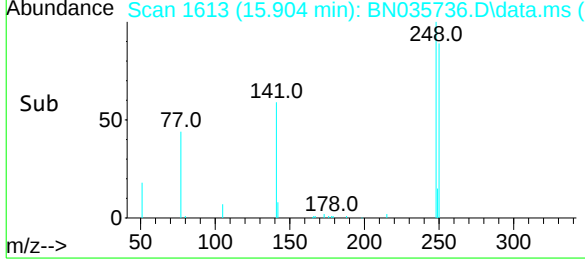
Instrument : BNA\_N  
ClientSampleId : BPOW6-11-20241212MSD



Tgt Ion: 248 Resp: 2466  
Ion Ratio Lower Upper  
248 100  
250 89.9 80.6 120.8  
141 61.7 31.5 47.3#

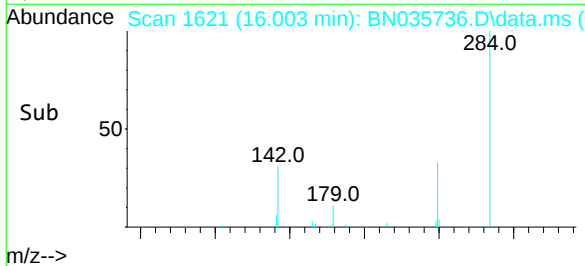
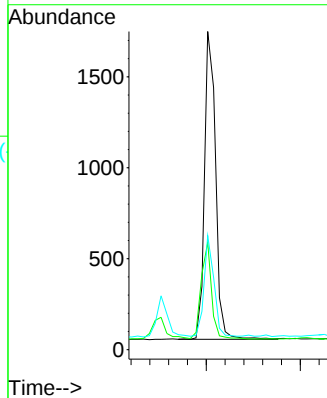
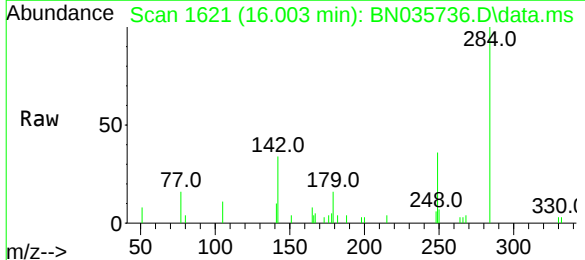
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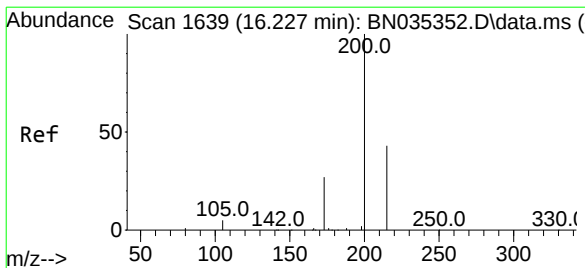
Reviewed By : Yogesh Patel 12/21/2024  
Supervised By : mohammad ahmed 12/24/2024



#22  
Hexachlorobenzene  
Concen: 0.333 ng  
RT: 16.003 min Scan# 1621  
Delta R.T. -0.013 min  
Lab File: BN035736.D  
Acq: 20 Dec 2024 11:41

Tgt Ion: 284 Resp: 2768  
Ion Ratio Lower Upper  
284 100  
142 29.3 26.7 40.1  
249 29.0 24.6 36.8





#23

Atrazine

Concen: 0.286 ng

RT: 16.202 min Scan# 1637

Delta R.T. -0.000 min

Lab File: BN035736.D

Acq: 20 Dec 2024 11:41

Instrument :

BNA\_N

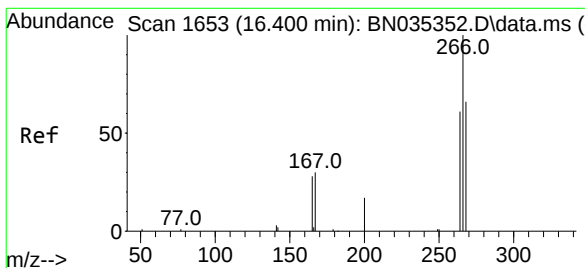
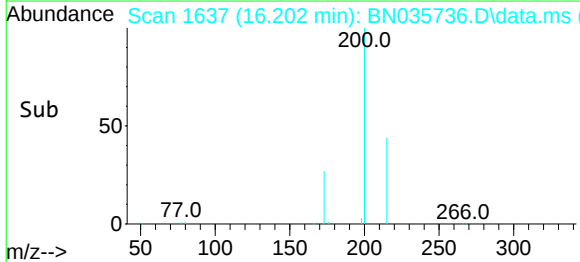
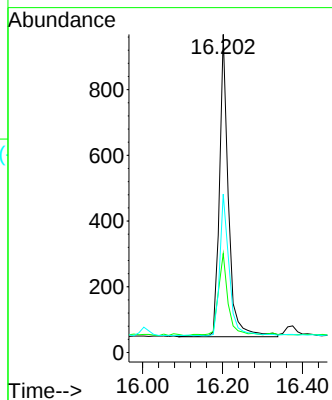
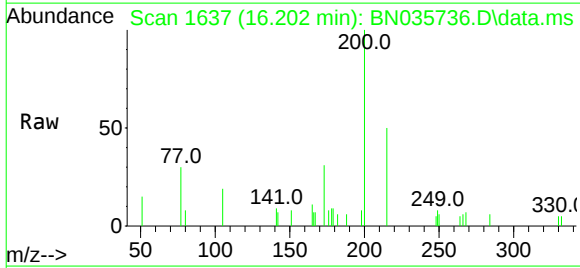
ClientSampleId :

BPOW6-11-20241212MSD

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 200   | Resp: | 1444 |
| Ion Ratio | Lower | Upper |      |
| 200       | 100   |       |      |
| 173       | 31.1  | 24.1  | 36.1 |
| 215       | 49.8  | 36.9  | 55.3 |

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/24/2024



#24

Pentachlorophenol

Concen: 0.100 ng

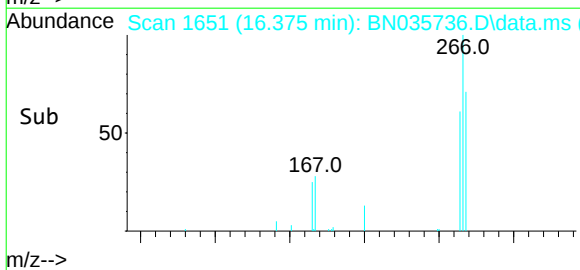
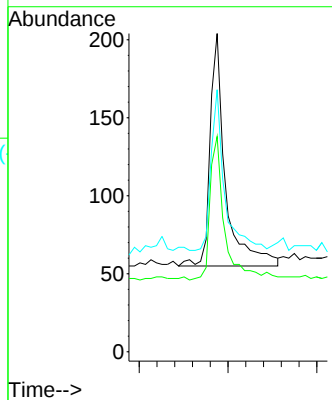
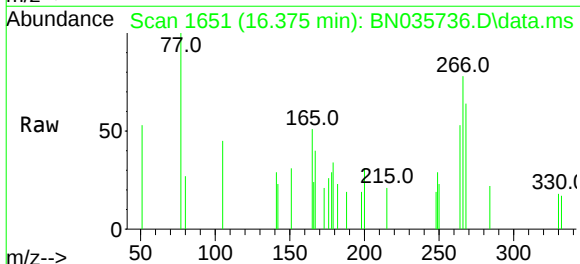
RT: 16.375 min Scan# 1651

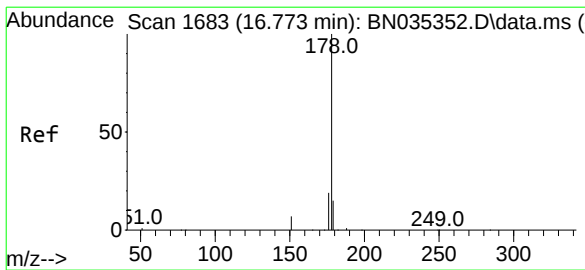
Delta R.T. -0.000 min

Lab File: BN035736.D

Acq: 20 Dec 2024 11:41

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 266   | Resp: | 361  |
| Ion Ratio | Lower | Upper |      |
| 266       | 100   |       |      |
| 264       | 58.7  | 42.3  | 63.5 |
| 268       | 59.8  | 43.3  | 64.9 |





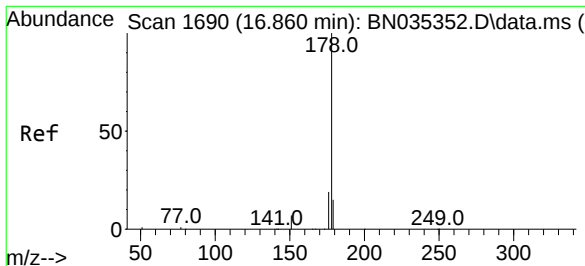
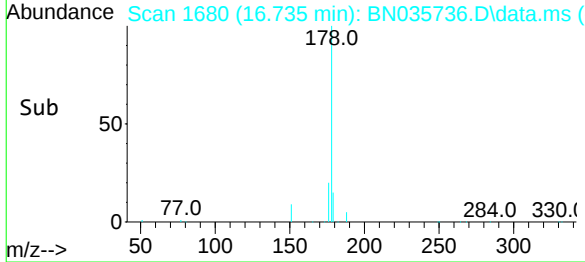
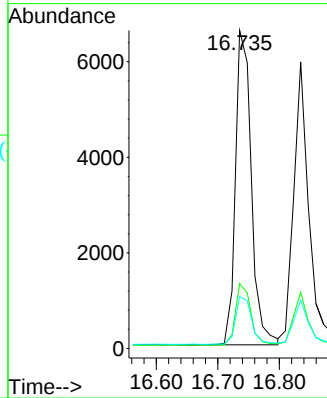
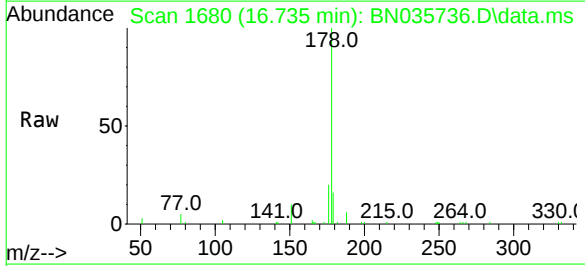
#25  
Phenanthrene  
Concen: 0.354 ng  
RT: 16.735 min Scan# 1682  
Delta R.T. -0.013 min  
Lab File: BN035736.D  
Acq: 20 Dec 2024 11:41

Instrument : BNA\_N  
ClientSampleId : BPOW6-11-20241212MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 11782 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 19.0  | 15.4  | 23.2  |
| 179       | 15.6  | 12.3  | 18.5  |

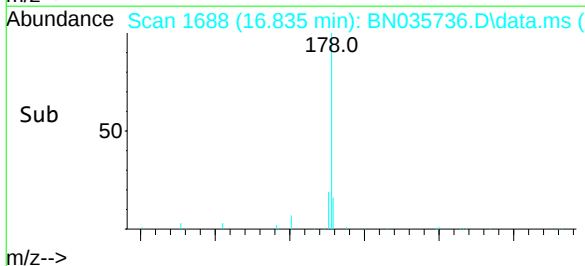
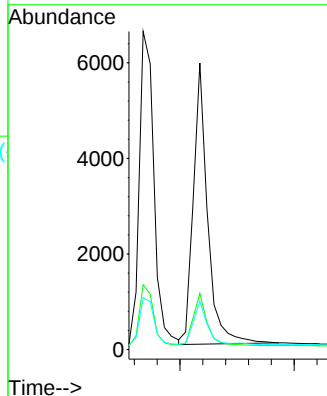
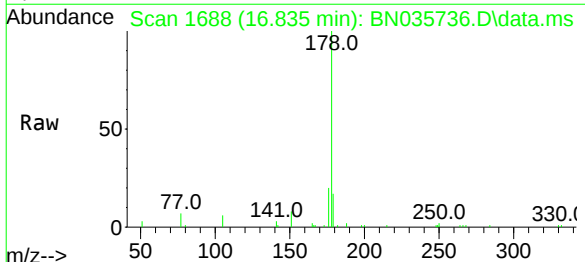
Manual Integrations  
APPROVED

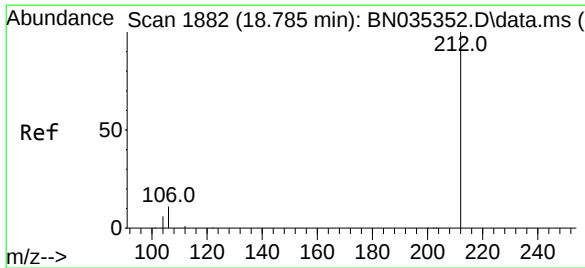
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/24/2024



#26  
Anthracene  
Concen: 0.338 ng  
RT: 16.835 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: BN035736.D  
Acq: 20 Dec 2024 11:41

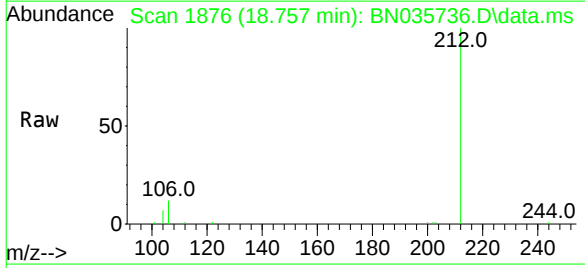
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 178   | Resp: | 10189 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 18.6  | 15.0  | 22.6  |
| 179       | 15.9  | 12.6  | 18.8  |





#27  
Fluoranthene-d10  
Concen: 0.387 ng  
RT: 18.757 min Scan# 1876  
Delta R.T. -0.005 min  
Lab File: BN035736.D  
Acq: 20 Dec 2024 11:41

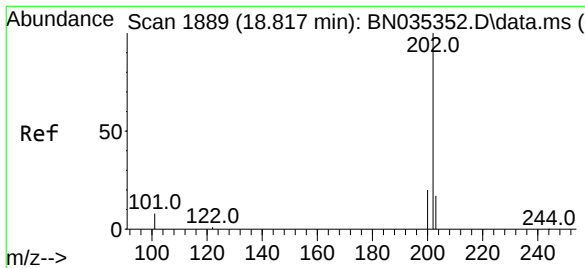
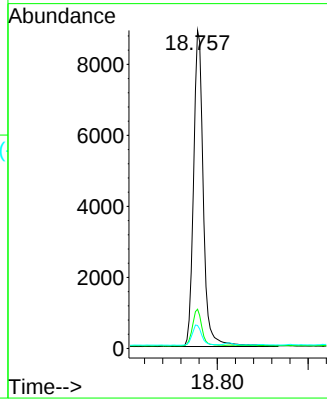
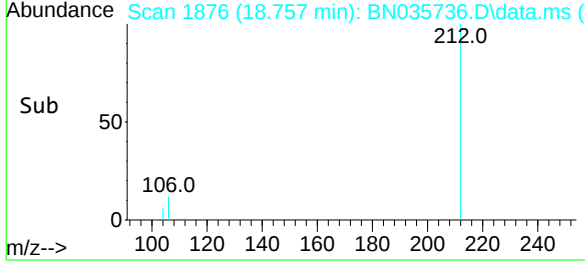
Instrument :  
BNA\_N  
ClientSampleId :  
BPOW6-11-20241212MSD



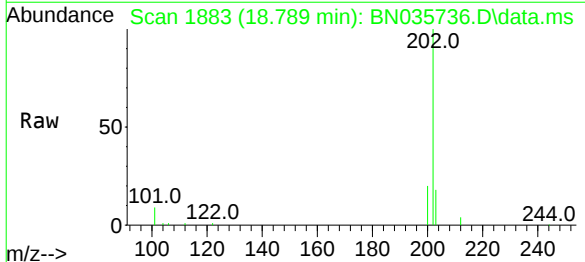
Tgt Ion:212 Resp: 13288  
Ion Ratio Lower Upper  
212 100  
106 11.1 9.2 13.8  
104 6.3 5.3 7.9

Manual Integrations  
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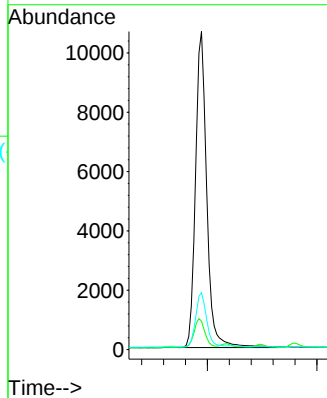
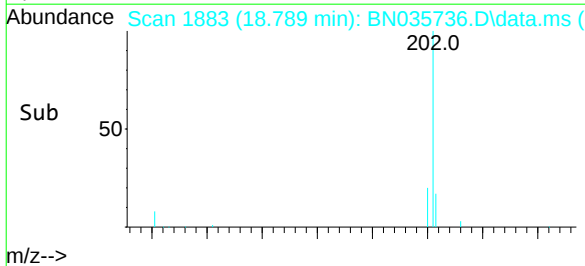
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/24/2024

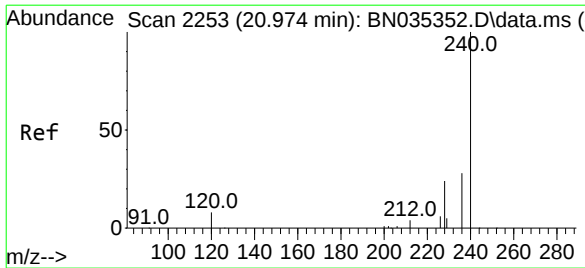


#28  
Fluoranthene  
Concen: 0.339 ng  
RT: 18.789 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: BN035736.D  
Acq: 20 Dec 2024 11:41



Tgt Ion:202 Resp: 15192  
Ion Ratio Lower Upper  
202 100  
101 8.9 7.4 11.0  
203 16.7 13.7 20.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 20.947 min Scan# 22

Delta R.T. -0.009 min

Lab File: BN035736.D

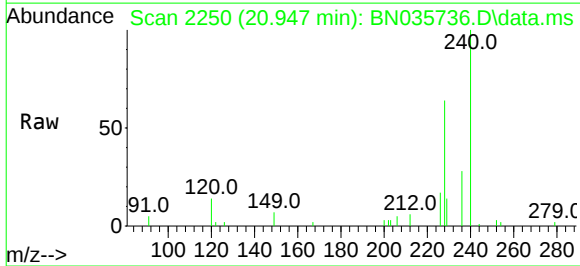
Acq: 20 Dec 2024 11:41

Instrument :

BNA\_N

ClientSampleId :

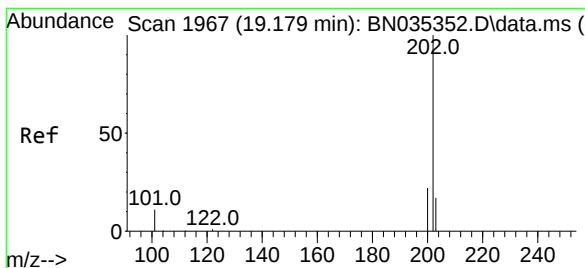
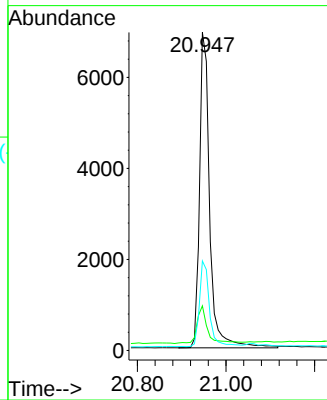
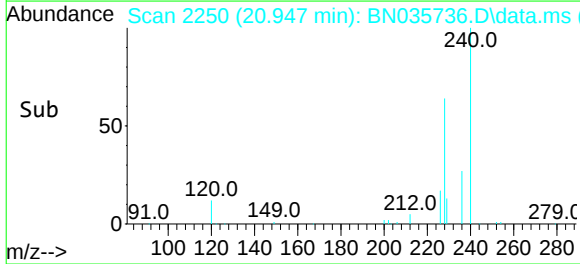
BPOW6-11-20241212MSD



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 240   | Resp: | 11029 |
| Ion Ratio | Lower | Upper |       |
| 240       | 100   |       |       |
| 120       | 14.0  | 7.9   | 11.9# |
| 236       | 28.1  | 22.9  | 34.3  |

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/24/2024



#30

Pyrene

Concen: 0.391 ng

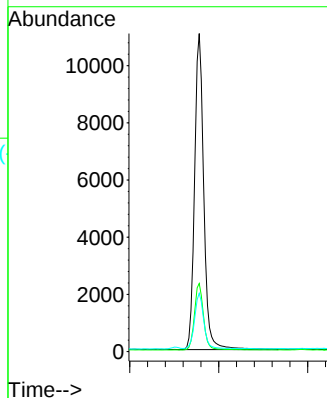
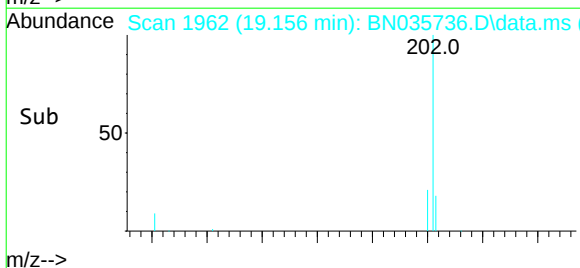
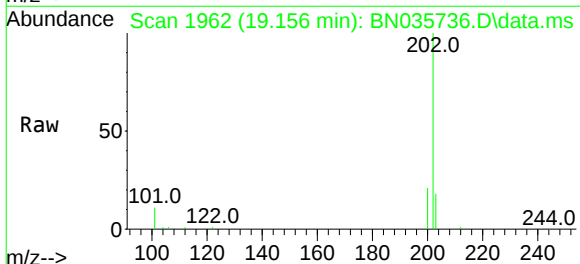
RT: 19.156 min Scan# 1962

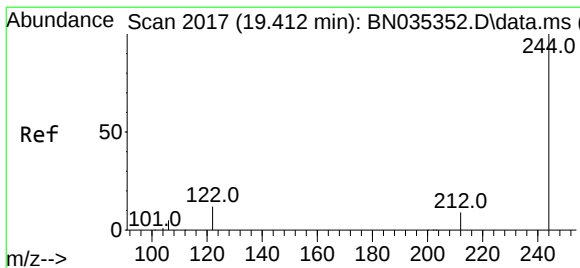
Delta R.T. -0.005 min

Lab File: BN035736.D

Acq: 20 Dec 2024 11:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 202   | Resp: | 15901 |
| Ion Ratio | Lower | Upper |       |
| 202       | 100   |       |       |
| 200       | 20.8  | 17.0  | 25.4  |
| 203       | 17.2  | 14.3  | 21.5  |





#31

Terphenyl-d14

Concen: 0.486 ng

RT: 19.388 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BN035736.D

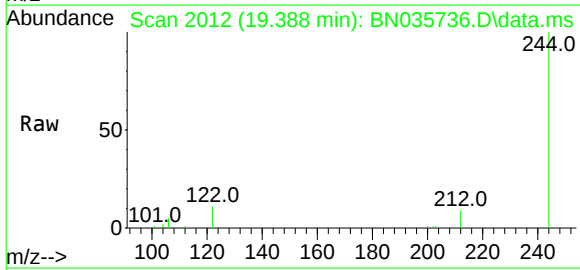
Acq: 20 Dec 2024 11:41

Instrument :

BNA\_N

ClientSampleId :

BPOW6-11-20241212MSD



Tgt Ion:244 Resp: 10572

Ion Ratio Lower Upper

244 100

212 8.9 8.1 12.1

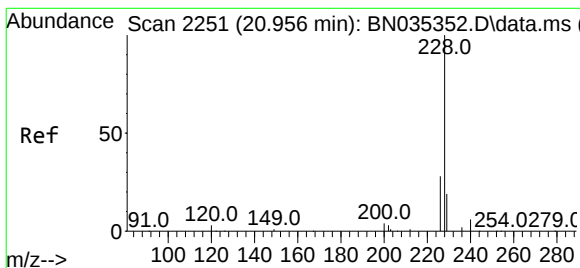
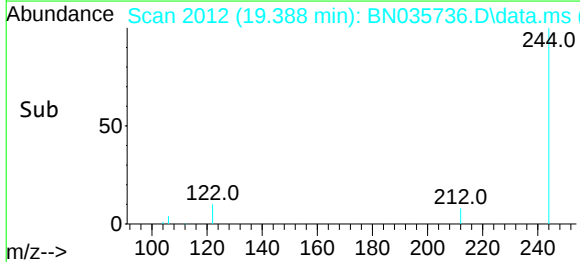
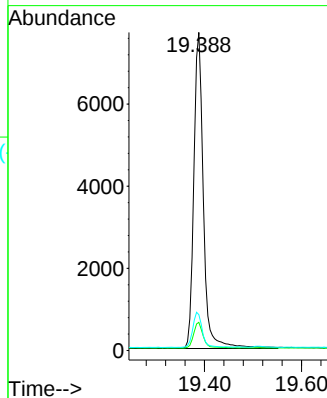
122 11.3 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/24/2024



#32

Benzo(a)anthracene

Concen: 0.350 ng

RT: 20.938 min Scan# 2249

Delta R.T. -0.000 min

Lab File: BN035736.D

Acq: 20 Dec 2024 11:41

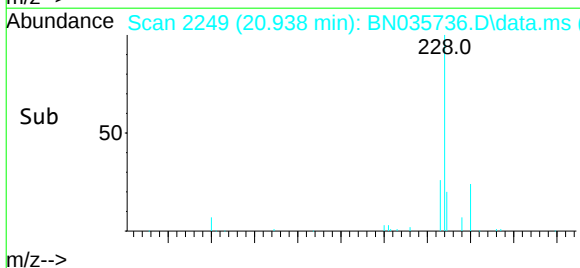
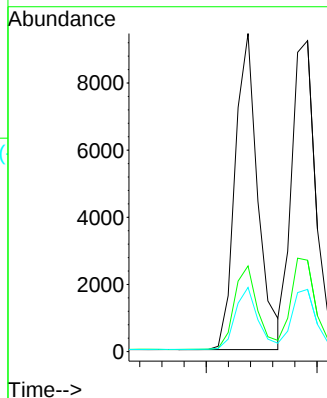
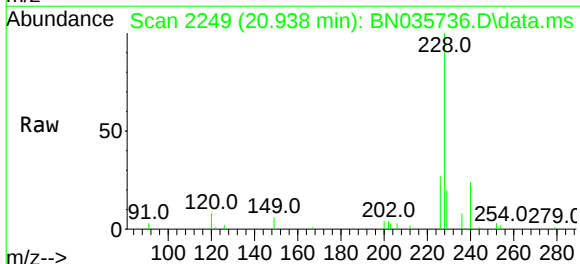
Tgt Ion:228 Resp: 13511

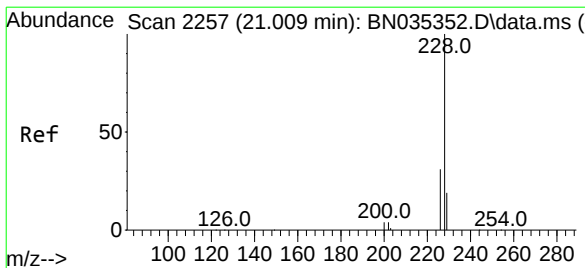
Ion Ratio Lower Upper

228 100

226 26.9 22.5 33.7

229 20.2 15.8 23.8





#33

Chrysene

Concen: 0.377 ng

RT: 20.991 min Scan# 2255

Delta R.T. -0.000 min

Lab File: BN035736.D

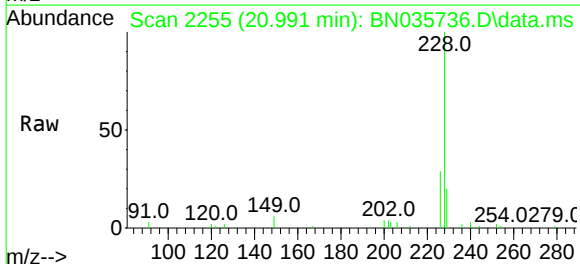
Acq: 20 Dec 2024 11:41

Instrument :

BNA\_N

ClientSampleId :

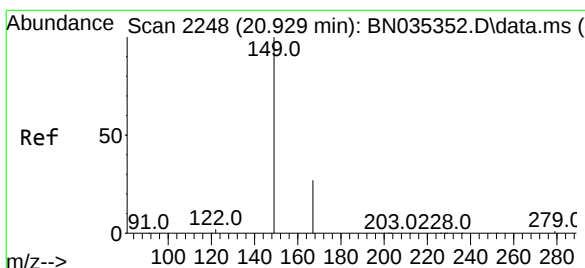
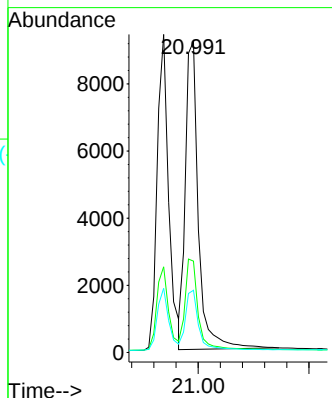
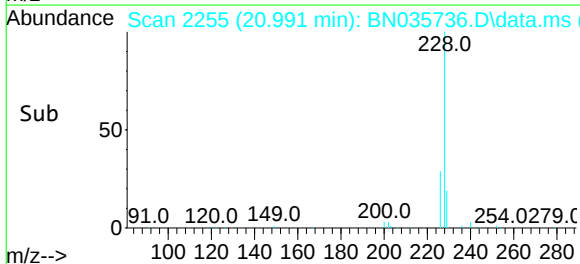
BPOW6-11-20241212MSD



| Tgt | Ion  | Ratio | Lower | Upper |
|-----|------|-------|-------|-------|
| 228 | 100  |       |       |       |
| 226 | 29.4 | 24.6  | 37.0  |       |
| 229 | 20.0 | 15.9  | 23.9  |       |

Manual Integrations  
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Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/24/2024



#34

Bis(2-ethylhexyl)phthalate

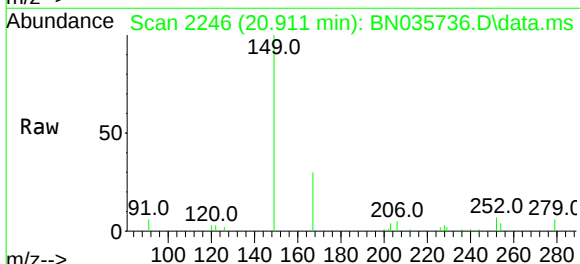
Concen: 0.478 ng

RT: 20.911 min Scan# 2246

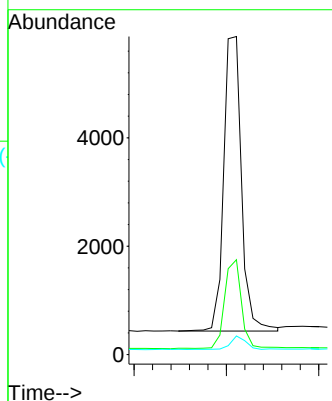
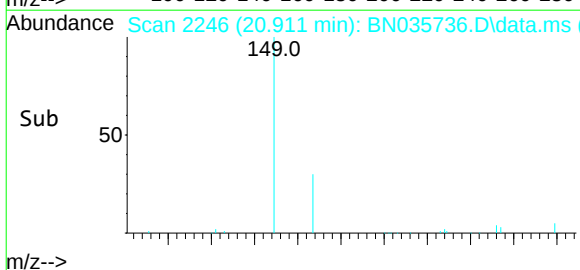
Delta R.T. -0.000 min

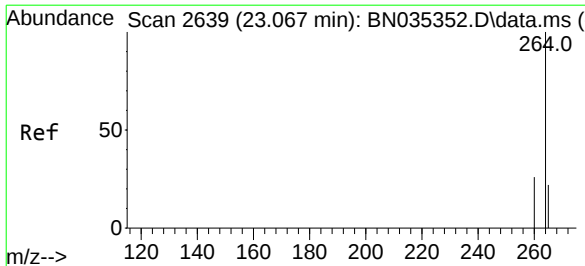
Lab File: BN035736.D

Acq: 20 Dec 2024 11:41



| Tgt | Ion  | Ratio | Lower | Upper |
|-----|------|-------|-------|-------|
| 149 | 100  |       |       |       |
| 167 | 28.2 | 22.2  | 33.4  |       |
| 279 | 4.2  | 2.7   | 4.1   |       |





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.038 min Scan# 26

Delta R.T. -0.003 min

Lab File: BN035736.D

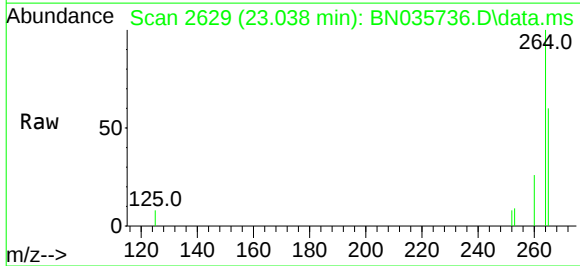
Acq: 20 Dec 2024 11:41

Instrument :

BNA\_N

ClientSampleId :

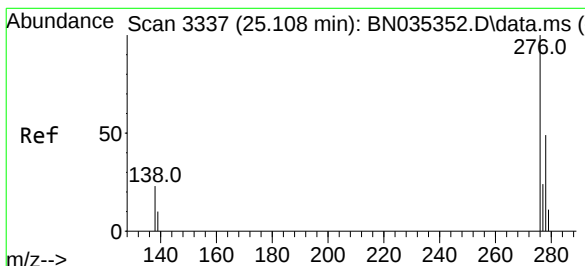
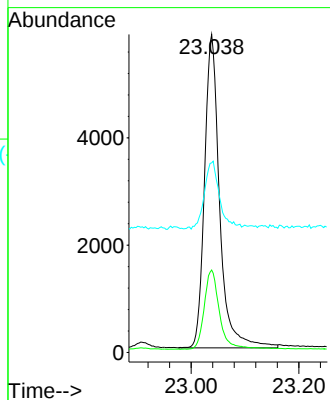
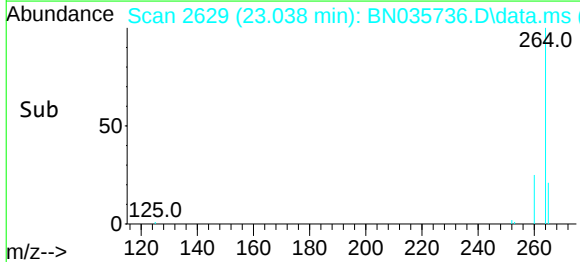
BPOW6-11-20241212MSD



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 11370 |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 25.9  | 21.4  | 32.2  |
| 265       | 59.6  | 40.2  | 60.4  |

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/24/2024



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.335 ng

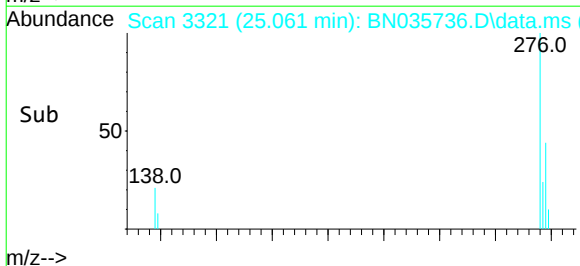
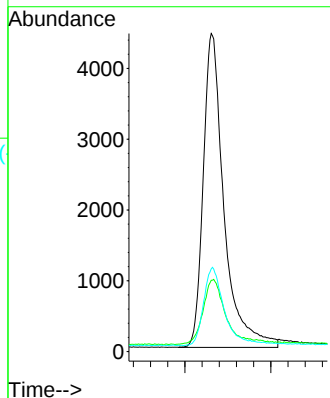
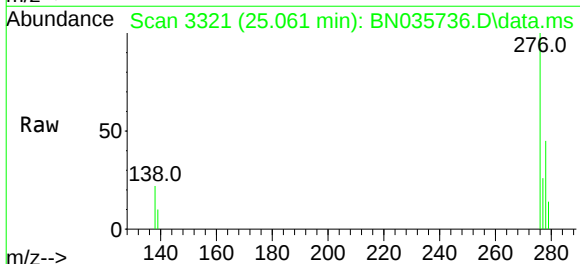
RT: 25.061 min Scan# 3321

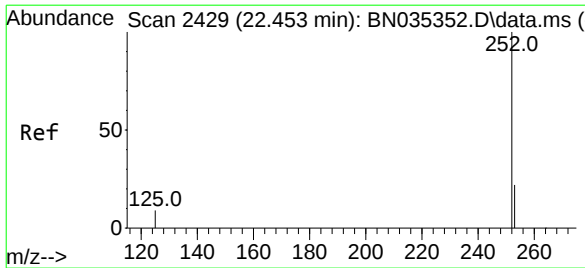
Delta R.T. -0.006 min

Lab File: BN035736.D

Acq: 20 Dec 2024 11:41

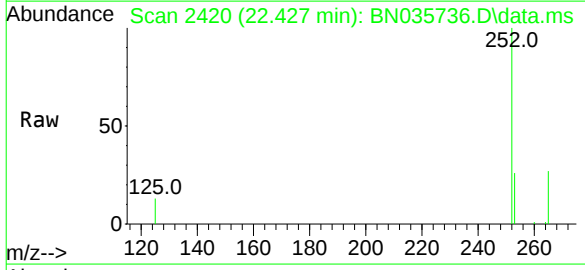
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 14877 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 138       | 22.3  | 19.4  | 29.0  |
| 277       | 24.7  | 19.8  | 29.6  |





#37  
Benzo(b)fluoranthene  
Concen: 0.516 ng  
RT: 22.427 min Scan# 2429  
Delta R.T. -0.003 min  
Lab File: BN035736.D  
Acq: 20 Dec 2024 11:41

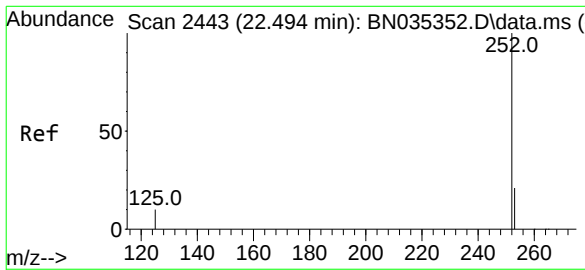
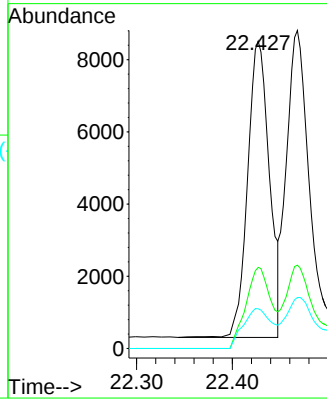
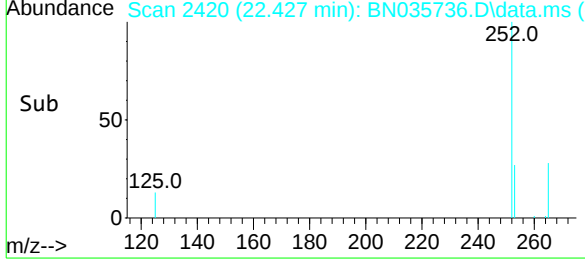
Instrument :  
BNA\_N  
ClientSampleId :  
BPOW6-11-20241212MSD



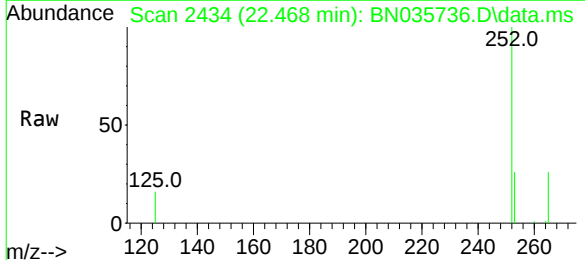
Tgt Ion: 252 Resp: 21467  
Ion Ratio Lower Upper  
252 100  
253 26.4 19.6 29.4  
125 12.9 9.6 14.4

Manual Integrations  
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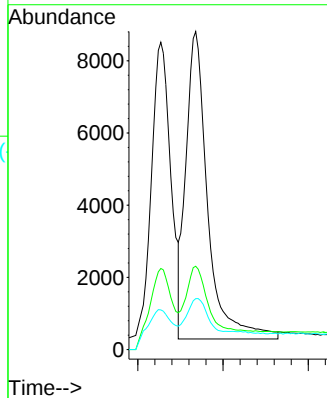
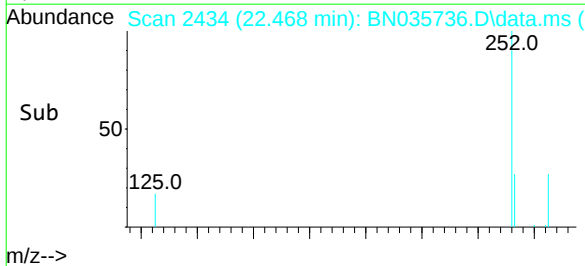
Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/24/2024

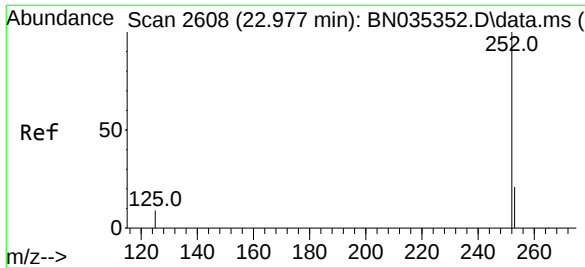


#38  
Benzo(k)fluoranthene  
Concen: 0.371 ng m  
RT: 22.468 min Scan# 2434  
Delta R.T. -0.003 min  
Lab File: BN035736.D  
Acq: 20 Dec 2024 11:41



Tgt Ion: 252 Resp: 15196  
Ion Ratio Lower Upper  
252 100  
253 26.2 19.5 29.3  
125 16.0 10.2 15.4





#39

Benzo(a)pyrene

Concen: 0.326 ng

RT: 22.950 min Scan# 25

Delta R.T. -0.000 min

Lab File: BN035736.D

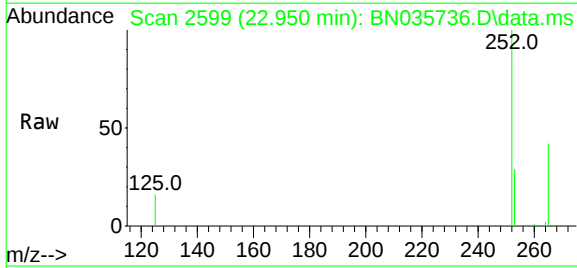
Acq: 20 Dec 2024 11:41

Instrument :

BNA\_N

ClientSampleId :

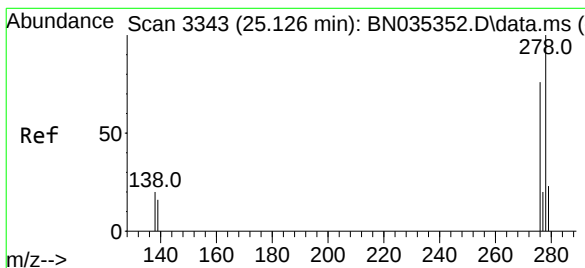
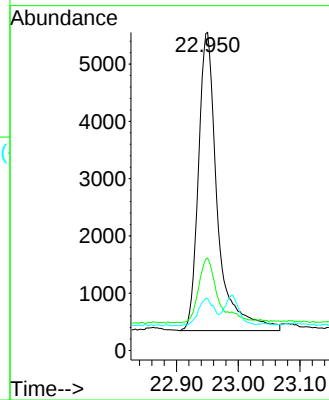
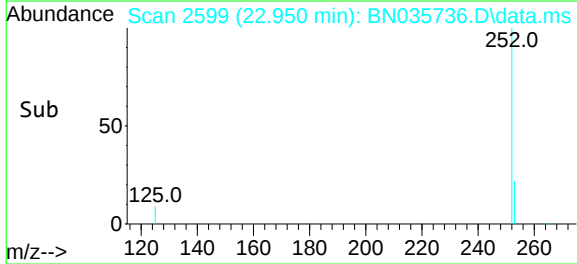
BPOW6-11-20241212MSD



|     |       |       |       |       |
|-----|-------|-------|-------|-------|
| Tgt | Ion   | 252   | Resp: | 11175 |
| Ion | Ratio | Lower | Upper |       |
| 252 | 100   |       |       |       |
| 253 | 29.1  | 20.2  | 30.4  |       |
| 125 | 16.3  | 10.9  | 16.3  |       |

Manual Integrations  
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Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/24/2024



#40

Dibenzo(a,h)anthracene

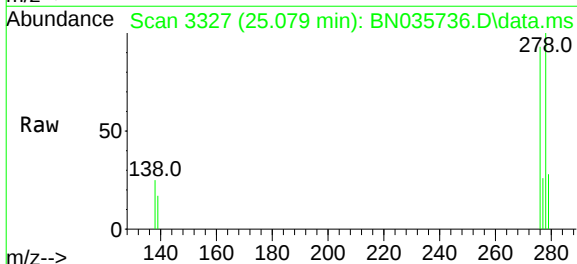
Concen: 0.327 ng

RT: 25.079 min Scan# 3327

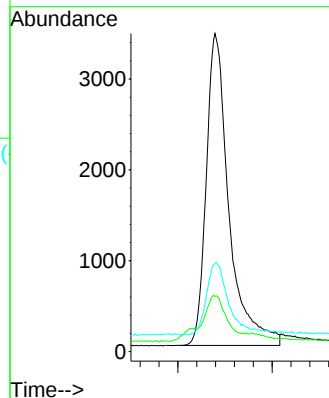
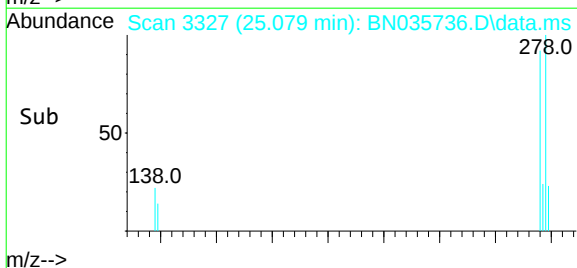
Delta R.T. -0.003 min

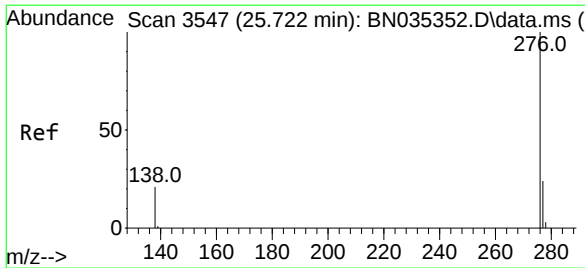
Lab File: BN035736.D

Acq: 20 Dec 2024 11:41



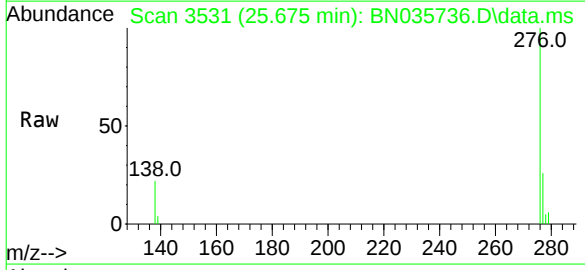
|     |       |       |       |       |
|-----|-------|-------|-------|-------|
| Tgt | Ion   | 278   | Resp: | 11466 |
| Ion | Ratio | Lower | Upper |       |
| 278 | 100   |       |       |       |
| 139 | 17.3  | 14.2  | 21.4  |       |
| 279 | 27.7  | 20.5  | 30.7  |       |





Benzo(g,h,i)perylene  
Concen: 0.301 ng  
RT: 25.675 min Scan# 351  
Delta R.T. -0.003 min  
Lab File: BN035736.D  
Acq: 20 Dec 2024 11:41

Instrument : BNA\_N  
ClientSampleId : BPOW6-11-20241212MSD



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 11017 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 25.8  | 19.9  | 29.9  |
| 138       | 22.0  | 17.8  | 26.8  |

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 12/21/2024  
Supervised By :mohammad ahmed 12/24/2024

