

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN110624\  
 Data File : BN034882.D  
 Acq On : 06 Nov 2024 20:28  
 Operator : RC/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/07/2024  
 Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 07 00:43:30 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN103024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 05 00:03:28 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.575  | 152  | 5204     | 0.400 | ng    | -0.01    |
| 7) Naphthalene-d8             | 10.340 | 136  | 14604    | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.208 | 164  | 6546     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 16.952 | 188  | 12458    | 0.400 | ng    | #-0.02   |
| 29) Chrysene-d12              | 21.149 | 240  | 7818     | 0.400 | ng    | #-0.01   |
| 35) Perylene-d12              | 23.315 | 264  | 6547     | 0.400 | ng    | #-0.02   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.199  | 112  | 5414     | 0.343 | ng    | -0.01    |
| 5) Phenol-d6                  | 6.759  | 99   | 7023     | 0.343 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.707  | 82   | 4185     | 0.365 | ng    | -0.02    |
| 11) 2-Methylnaphthalene-d10   | 11.939 | 152  | 7058     | 0.334 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 15.698 | 330  | 681m     | 0.211 | ng    | -0.02    |
| 15) 2-Fluorobiphenyl          | 12.829 | 172  | 10188    | 0.395 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 18.990 | 212  | 10396    | 0.356 | ng    | -0.01    |
| 31) Terphenyl-d14             | 19.598 | 244  | 5500     | 0.328 | ng    | -0.02    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.191  | 88   | 2691     | 0.472 | ng    | 96       |
| 3) n-Nitrosodimethylamine     | 3.487  | 42   | 3474     | 0.540 | ng    | # 78     |
| 6) bis(2-Chloroethyl)ether    | 7.012  | 93   | 6107     | 0.408 | ng    | 94       |
| 9) Naphthalene                | 10.394 | 128  | 15033    | 0.372 | ng    | 99       |
| 10) Hexachlorobutadiene       | 10.682 | 225  | 2492     | 0.375 | ng    | # 99     |
| 12) 2-Methylnaphthalene       | 12.011 | 142  | 8844     | 0.335 | ng    | 98       |
| 16) Acenaphthylene            | 13.919 | 152  | 10839    | 0.330 | ng    | 100      |
| 17) Acenaphthene              | 14.272 | 154  | 7704     | 0.352 | ng    | 94       |
| 18) Fluorene                  | 15.266 | 166  | 9497     | 0.348 | ng    | 98       |
| 20) 4,6-Dinitro-2-methylph... | 15.341 | 198  | 381      | 0.340 | ng    | # 47     |
| 21) 4-Bromophenyl-phenylether | 16.158 | 248  | 2434     | 0.338 | ng    | # 92     |
| 22) Hexachlorobenzene         | 16.269 | 284  | 3073     | 0.381 | ng    | 91       |
| 23) Atrazine                  | 16.431 | 200  | 1720     | 0.277 | ng    | # 95     |
| 24) Pentachlorophenol         | 16.604 | 266  | 722m     | 0.208 | ng    |          |
| 25) Phenanthrene              | 16.989 | 178  | 14407    | 0.393 | ng    | 99       |
| 26) Anthracene                | 17.088 | 178  | 11960    | 0.349 | ng    | 100      |
| 28) Fluoranthene              | 19.018 | 202  | 14768    | 0.366 | ng    | 98       |
| 30) Pyrene                    | 19.380 | 202  | 14710    | 0.360 | ng    | 100      |
| 32) Benzo(a)anthracene        | 21.131 | 228  | 11148    | 0.358 | ng    | 99       |
| 33) Chrysene                  | 21.185 | 228  | 12254    | 0.402 | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.086 | 149  | 5672     | 0.218 | ng    | 95       |
| 36) Indeno(1,2,3-cd)pyrene    | 25.473 | 276  | 11565    | 0.480 | ng    | # 92     |
| 37) Benzo(b)fluoranthene      | 22.669 | 252  | 11644    | 0.442 | ng    | # 95     |
| 38) Benzo(k)fluoranthene      | 22.710 | 252  | 11333m   | 0.441 | ng    |          |
| 39) Benzo(a)pyrene            | 23.219 | 252  | 8660     | 0.398 | ng    | # 91     |
| 40) Dibenzo(a,h)anthracene    | 25.488 | 278  | 9031     | 0.481 | ng    | 97       |
| 41) Benzo(g,h,i)perylene      | 26.125 | 276  | 10387    | 0.512 | ng    | 93       |

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

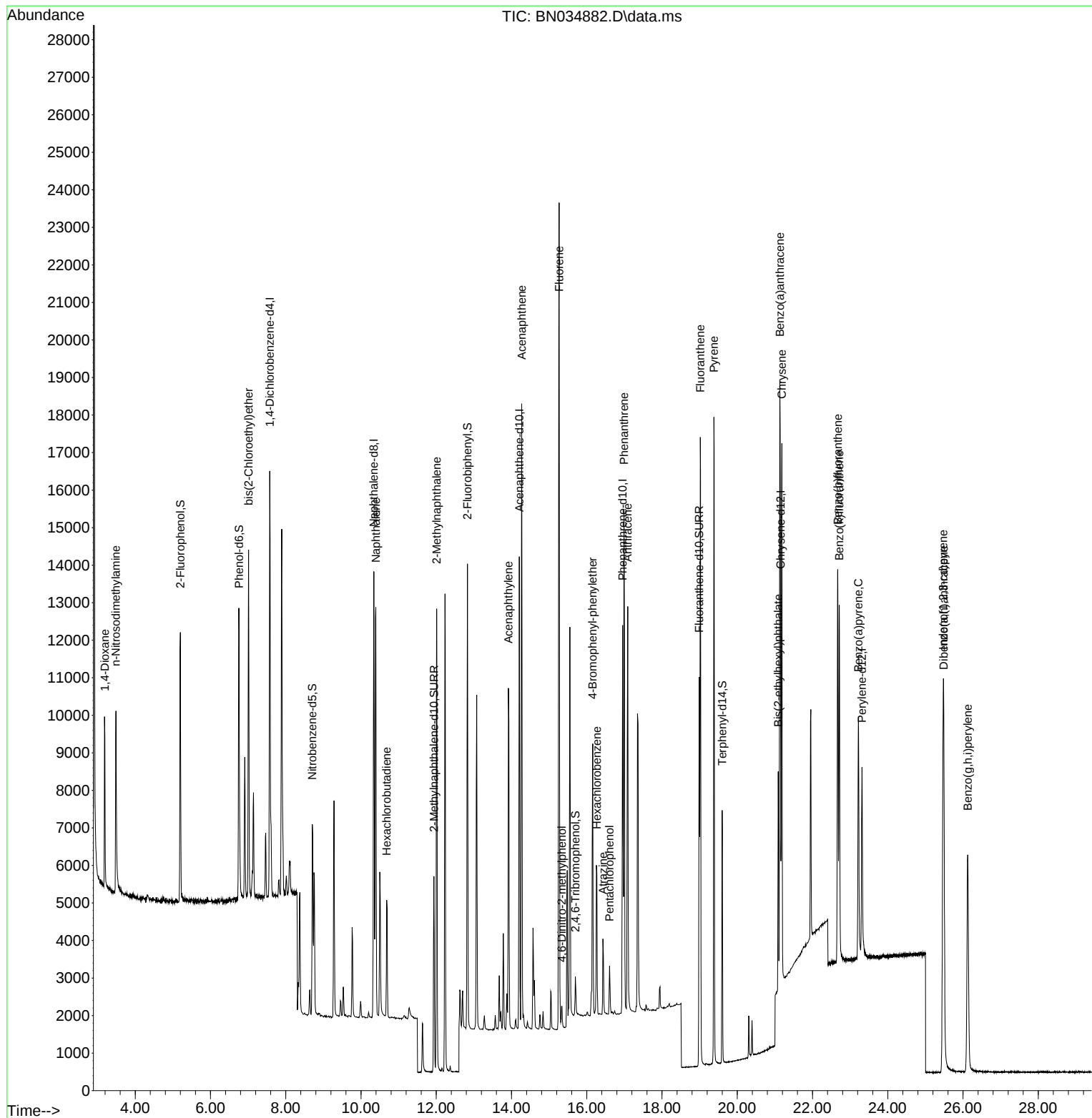
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN110624\  
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 Acq On : 06 Nov 2024 20:28  
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 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC

### Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 07 00:43:30 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN103024.M  
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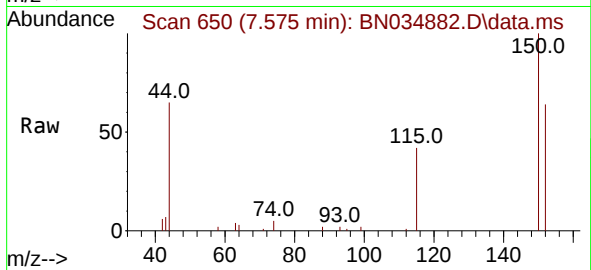
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 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.575 min Scan# 61  
 Delta R.T. -0.014 min  
 Lab File: BN034882.D  
 Acq: 06 Nov 2024 20:28

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



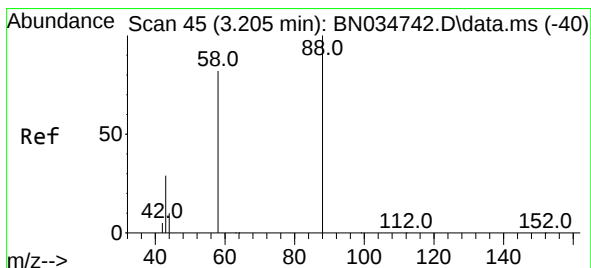
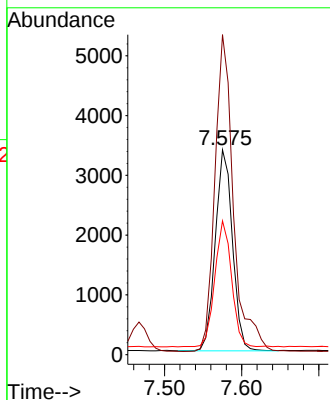
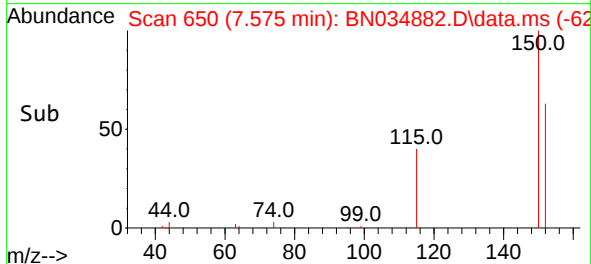
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 Ion Ratio Lower Upper  
 152 100  
 150 156.2 124.9 187.3  
 115 65.3 50.2 75.2

Manual Integrations

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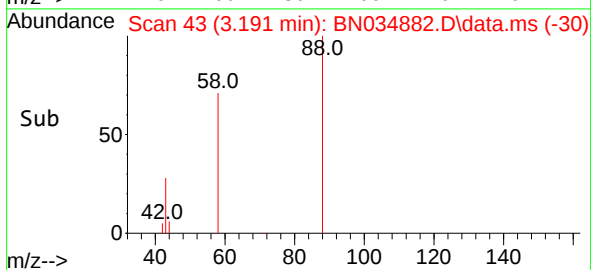
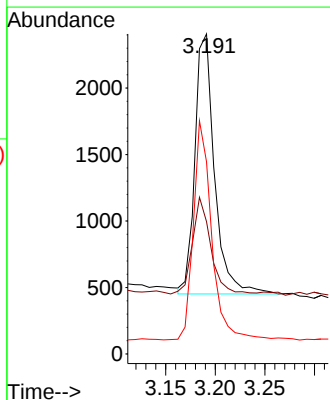
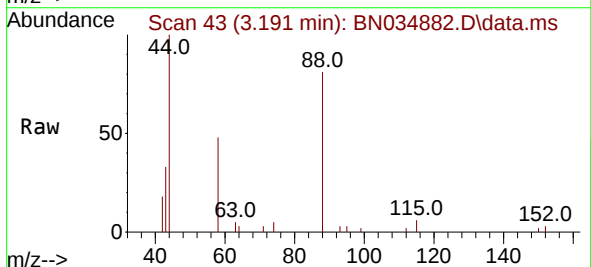
Reviewed By :Yogesh Patel 11/07/2024

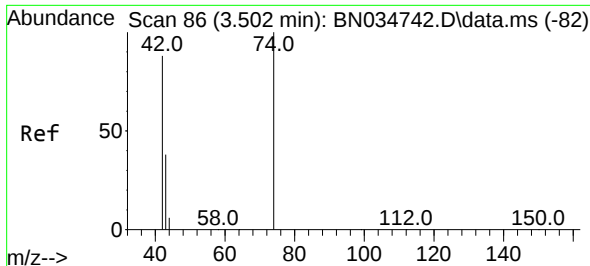
Supervised By :mohammad ahmed 11/08/2024



#2  
 1,4-Dioxane  
 Concen: 0.472 ng  
 RT: 3.191 min Scan# 43  
 Delta R.T. -0.007 min  
 Lab File: BN034882.D  
 Acq: 06 Nov 2024 20:28

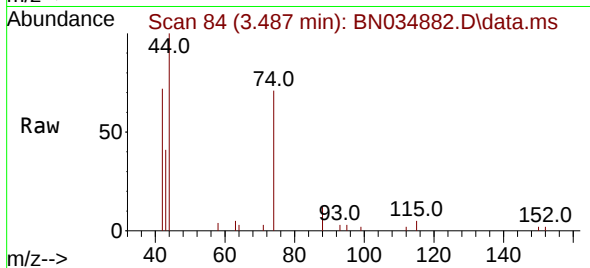
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 Ion Ratio Lower Upper  
 88 100  
 43 34.6 26.7 40.1  
 58 78.4 59.3 88.9





#3  
n-Nitrosodimethylamine  
Concen: 0.540 ng  
RT: 3.487 min Scan# 84  
Delta R.T. -0.007 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28

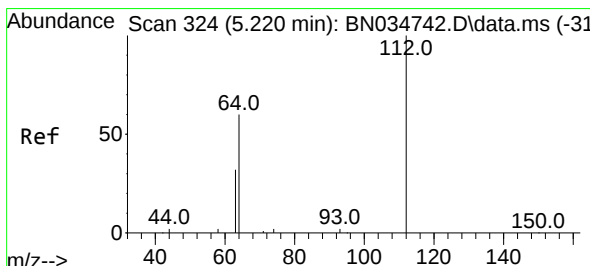
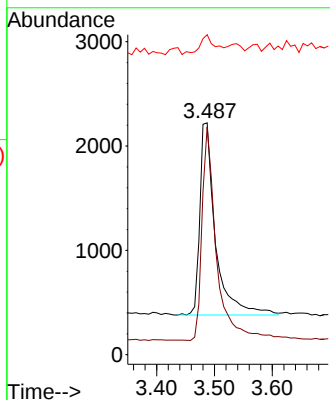
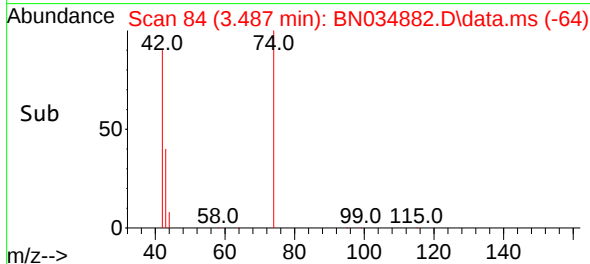
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion: 42 Resp: 3474  
Ion Ratio Lower Upper  
42 100  
74 102.4 103.1 154.7  
44 7.6 6.7 10.1

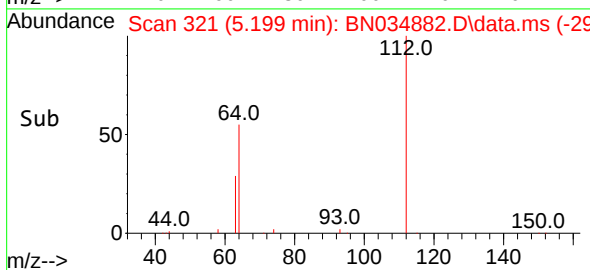
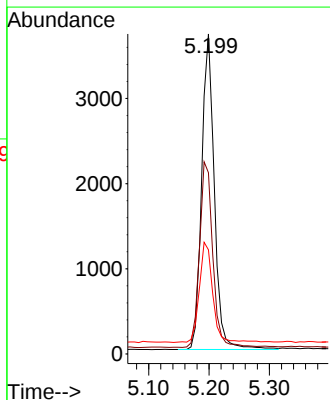
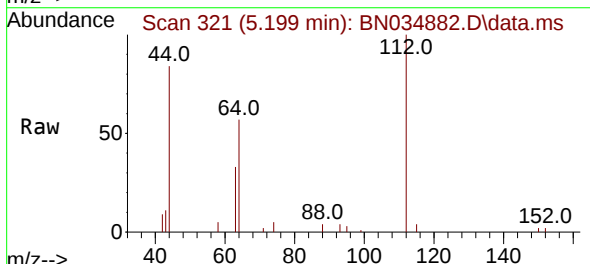
Manual Integrations  
APPROVED

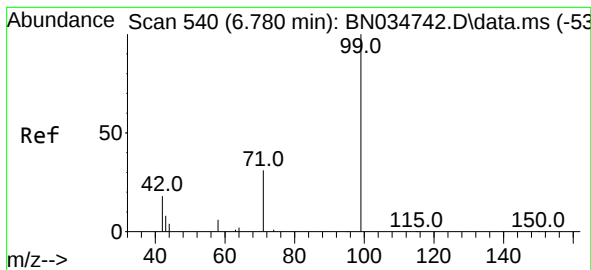
Reviewed By :Yogesh Patel 11/07/2024  
Supervised By :mohammad ahmed 11/08/2024



#4  
2-Fluorophenol  
Concen: 0.343 ng  
RT: 5.199 min Scan# 321  
Delta R.T. -0.014 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28

Tgt Ion:112 Resp: 5414  
Ion Ratio Lower Upper  
112 100  
64 62.2 44.9 67.3  
63 33.7 23.5 35.3





#5

Phenol-d6

Concen: 0.343 ng

RT: 6.759 min Scan# 51

Delta R.T. -0.007 min

Lab File: BN034882.D

Acq: 06 Nov 2024 20:28

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 99 Resp: 702

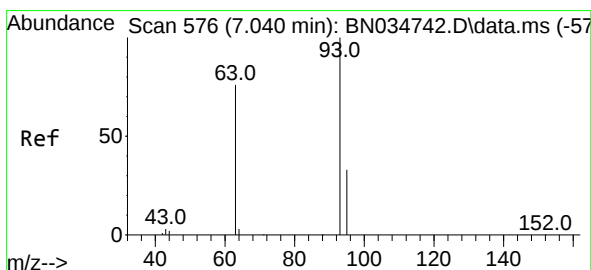
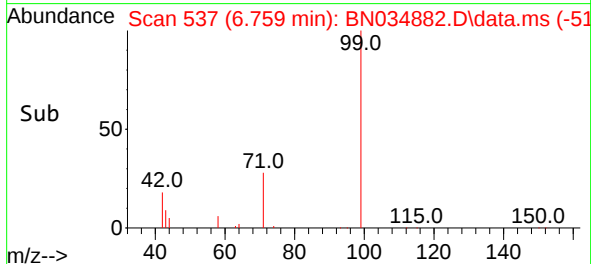
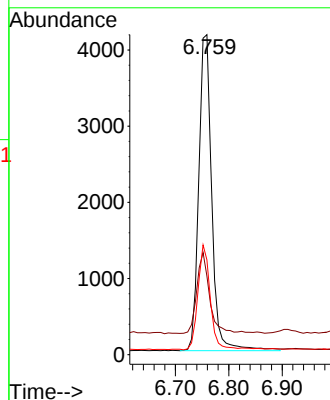
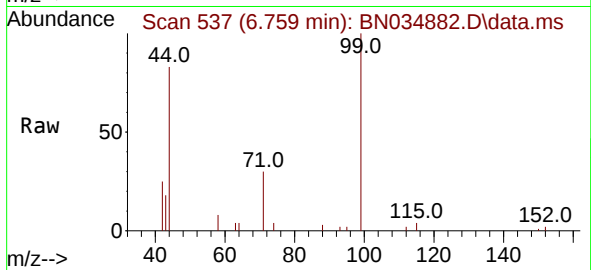
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 24.9  | 15.9  | 23.9  |
| 71  | 31.5  | 24.3  | 36.5  |

Manual Integrations

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Reviewed By :Yogesh Patel 11/07/2024

Supervised By :mohammad ahmed 11/08/2024



#6

bis(2-Chloroethyl)ether

Concen: 0.408 ng

RT: 7.012 min Scan# 572

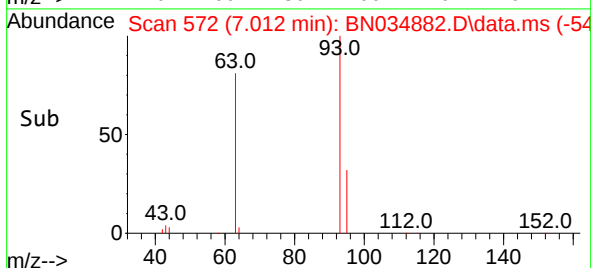
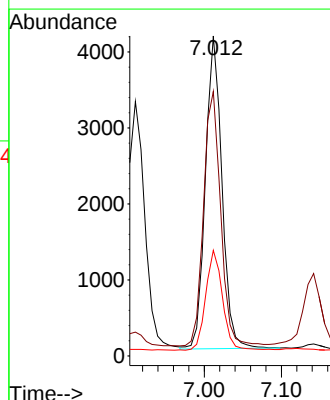
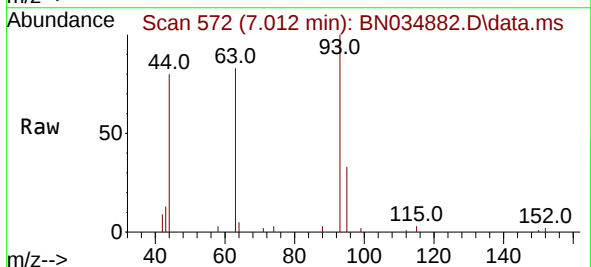
Delta R.T. -0.014 min

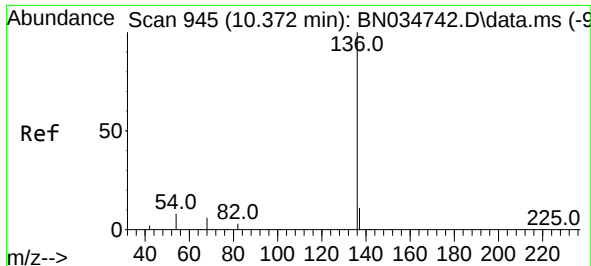
Lab File: BN034882.D

Acq: 06 Nov 2024 20:28

Tgt Ion: 93 Resp: 6107

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 84.1  | 61.2  | 91.8  |
| 95  | 32.4  | 25.8  | 38.8  |





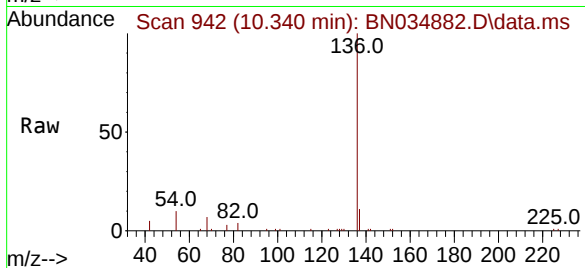
#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.340 min Scan# 945  
Delta R.T. -0.011 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



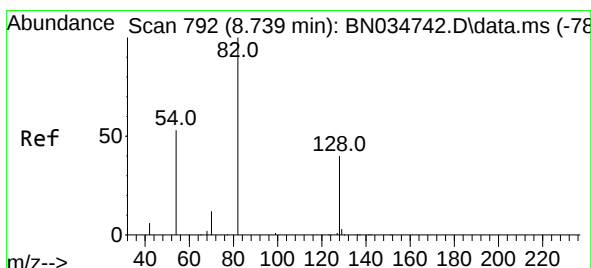
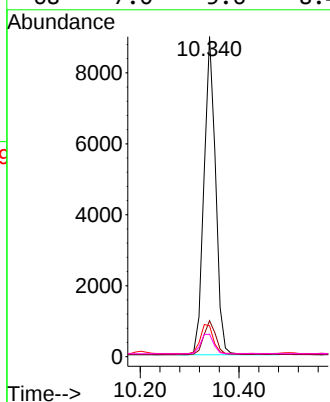
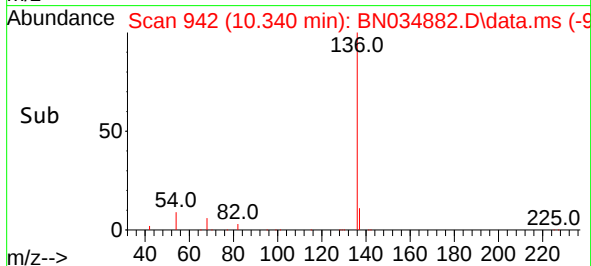
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Ion Ratio Lower Upper  
136 100  
137 11.3 9.2 13.8  
54 9.6 7.0 10.4  
68 7.0 5.6 8.4

Manual Integrations

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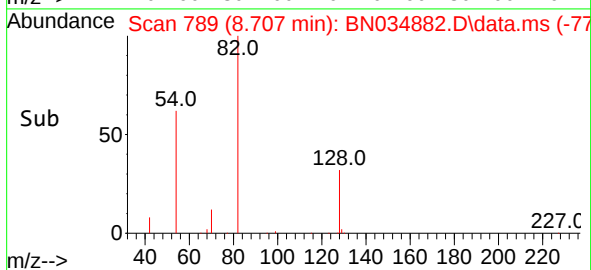
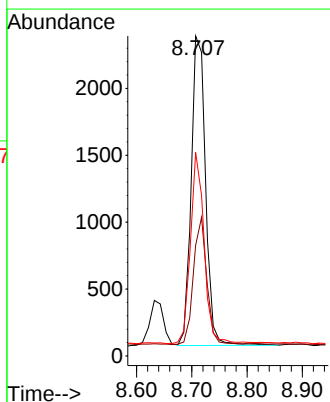
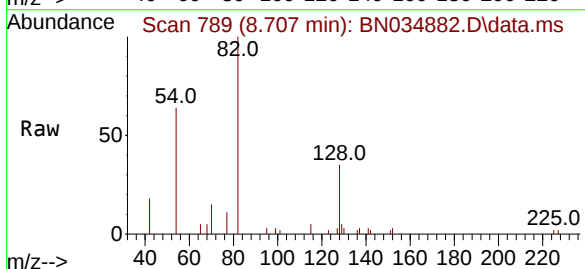
Reviewed By :Yogesh Patel 11/07/2024

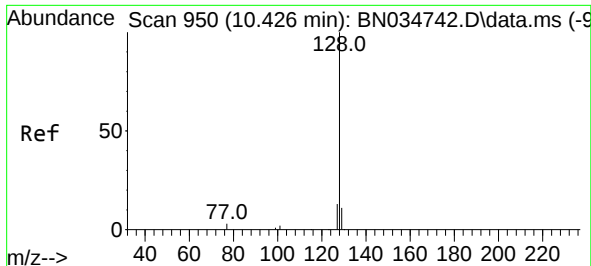
Supervised By :mohammad ahmed 11/08/2024



#8  
Nitrobenzene-d5  
Concen: 0.365 ng  
RT: 8.707 min Scan# 789  
Delta R.T. -0.021 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28

Tgt Ion: 82 Resp: 4185  
Ion Ratio Lower Upper  
82 100  
128 34.6 33.7 50.5  
54 63.6 44.4 66.6





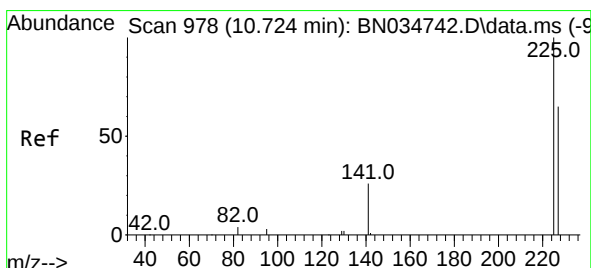
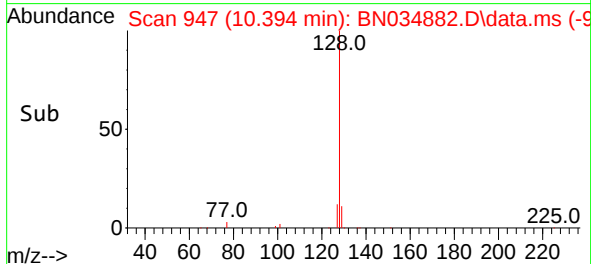
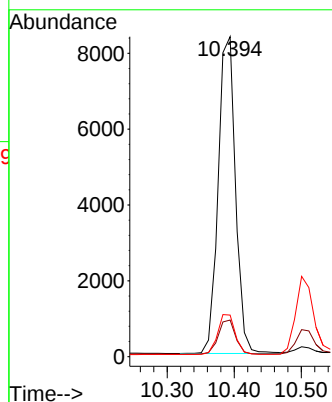
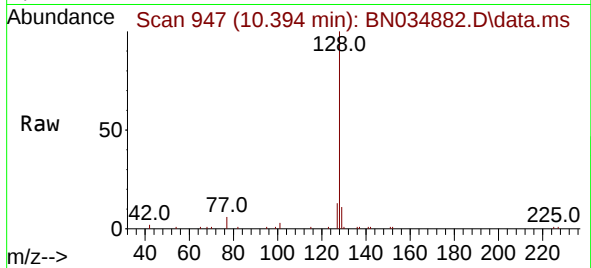
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Naphthalene  
Concen: 0.372 ng  
RT: 10.394 min Scan# 947  
Delta R.T. -0.011 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28

Instrument :  
BNA\_N  
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SSTDCCC0.4EC

Tgt Ion:128 Resp: 1503  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.4 14.0  
127 13.0 10.6 15.8

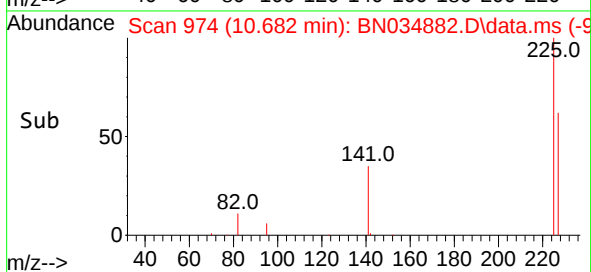
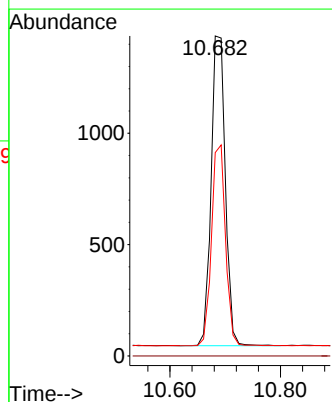
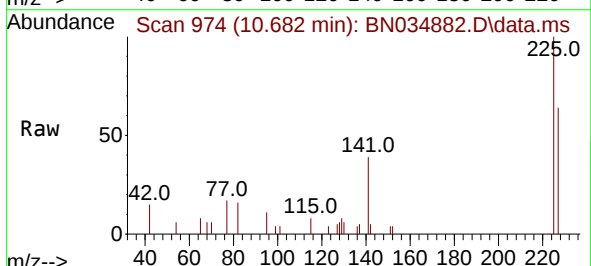
Manual Integrations  
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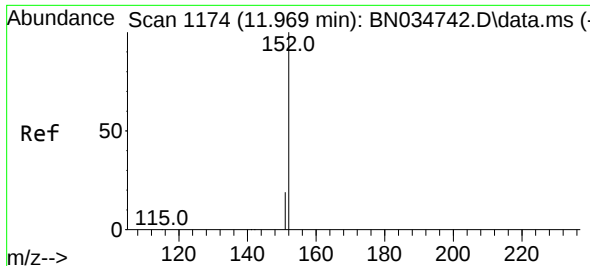
Reviewed By :Yogesh Patel 11/07/2024  
Supervised By :mohammad ahmed 11/08/2024



#10  
Hexachlorobutadiene  
Concen: 0.375 ng  
RT: 10.682 min Scan# 974  
Delta R.T. -0.021 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28

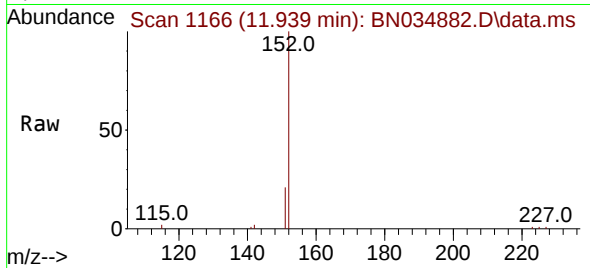
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Ion Ratio Lower Upper  
225 100  
223 0.0 0.0 0.0  
227 63.8 51.4 77.2





#11  
2-Methylnaphthalene-d10  
Concen: 0.334 ng  
RT: 11.939 min Scan# 1166  
Delta R.T. -0.011 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28

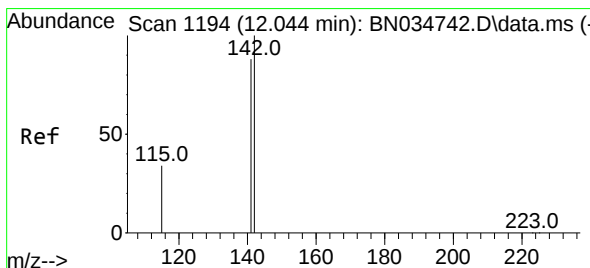
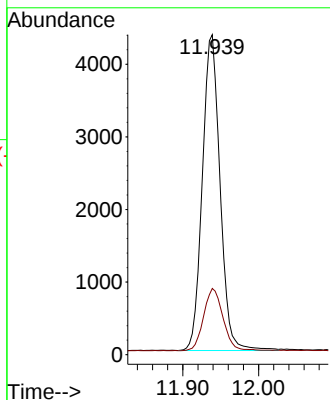
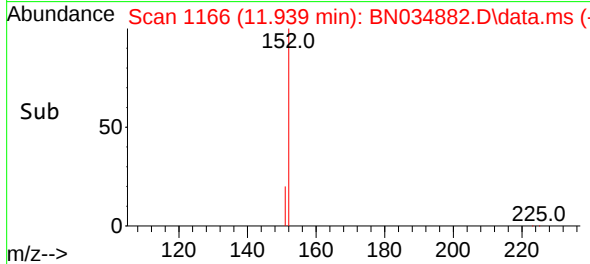
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:152 Resp: 7058  
Ion Ratio Lower Upper  
152 100  
151 21.5 16.6 24.8

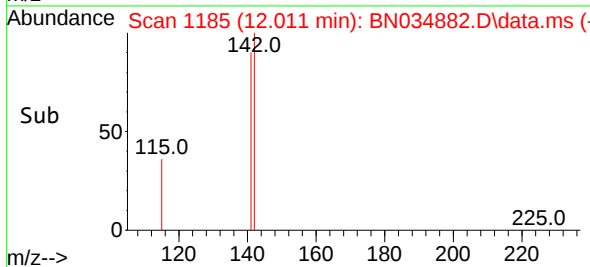
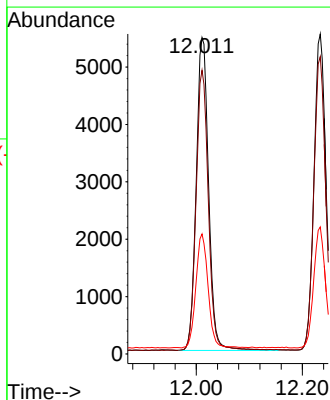
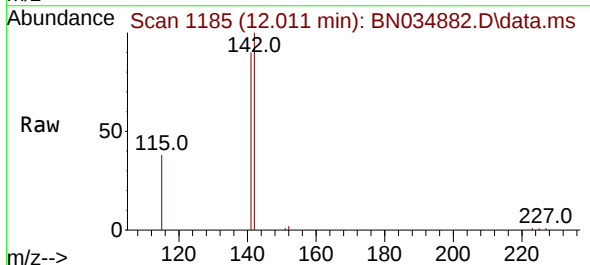
Manual Integrations  
APPROVED

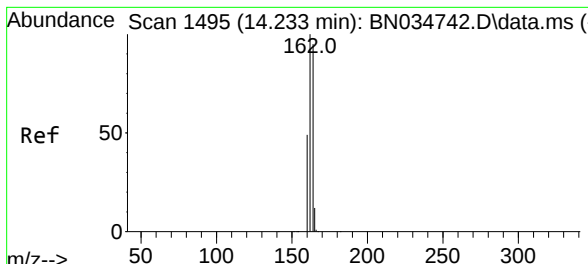
Reviewed By :Yogesh Patel 11/07/2024  
Supervised By :mohammad ahmed 11/08/2024



#12  
2-Methylnaphthalene  
Concen: 0.335 ng  
RT: 12.011 min Scan# 1185  
Delta R.T. -0.015 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28

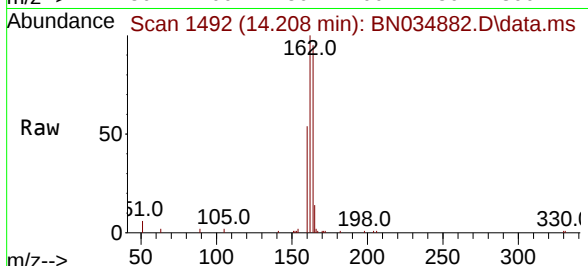
Tgt Ion:142 Resp: 8844  
Ion Ratio Lower Upper  
142 100  
141 89.7 70.6 106.0  
115 38.0 28.6 42.8





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.208 min Scan# 1495  
Delta R.T. -0.014 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28

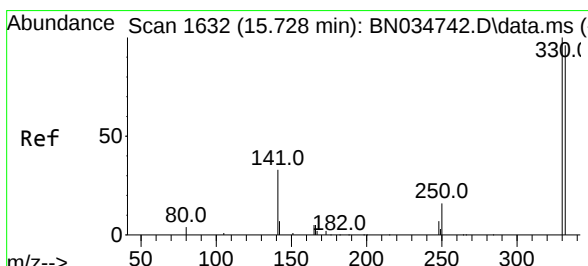
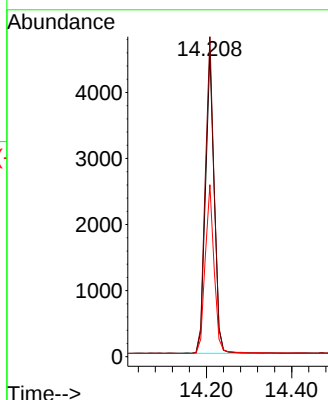
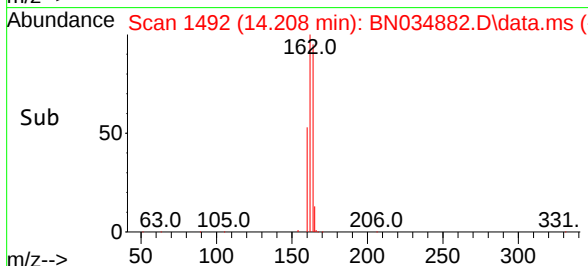
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



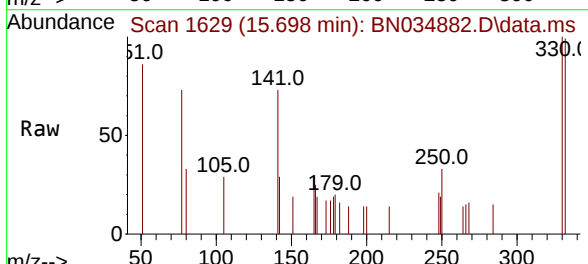
Tgt Ion:164 Resp: 6540  
Ion Ratio Lower Upper  
164 100  
162 104.9 84.3 126.5  
160 56.4 41.7 62.5

Manual Integrations  
APPROVED

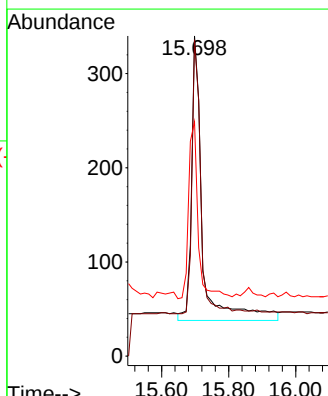
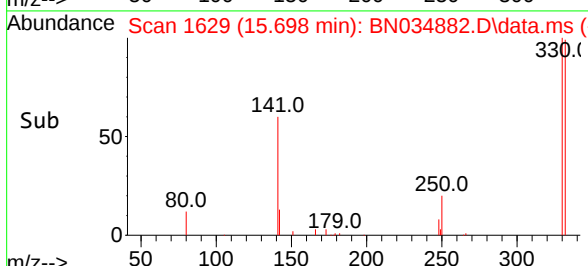
Reviewed By :Yogesh Patel 11/07/2024  
Supervised By :mohammad ahmed 11/08/2024

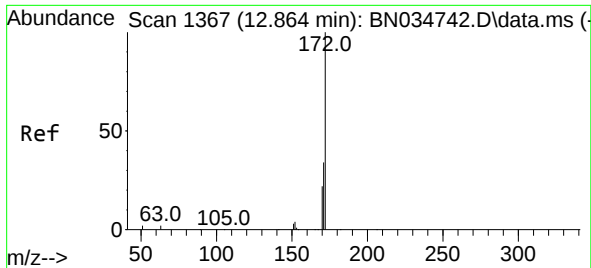


#14  
2,4,6-Tribromophenol  
Concen: 0.211 ng m  
RT: 15.698 min Scan# 1629  
Delta R.T. -0.018 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28



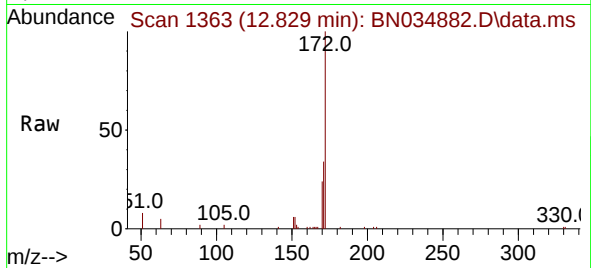
Tgt Ion:330 Resp: 681  
Ion Ratio Lower Upper  
330 100  
332 76.4 77.8 116.6#  
141 54.2 41.0 61.4





#15  
2-Fluorobiphenyl  
Concen: 0.395 ng  
RT: 12.829 min Scan# 11  
Delta R.T. -0.014 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28

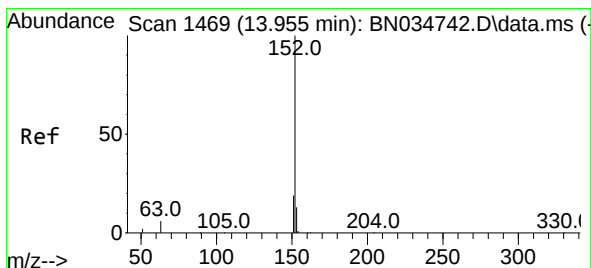
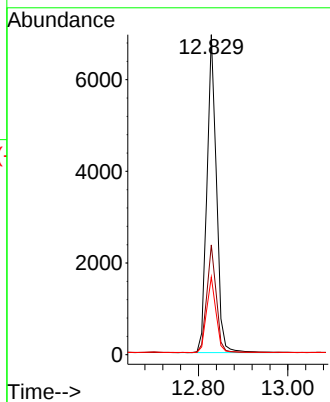
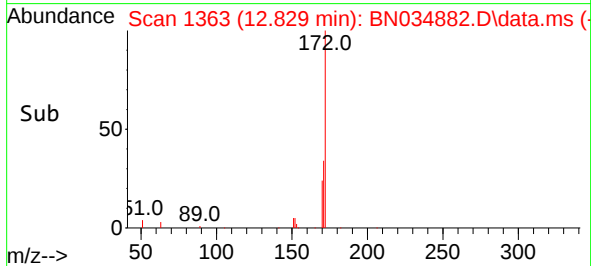
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



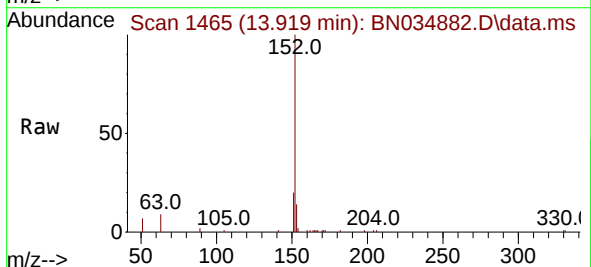
Tgt Ion:172 Resp: 10188  
Ion Ratio Lower Upper  
172 100  
171 34.3 27.2 40.8  
170 24.2 18.0 27.0

Manual Integrations  
APPROVED

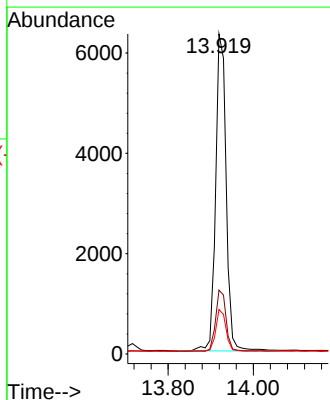
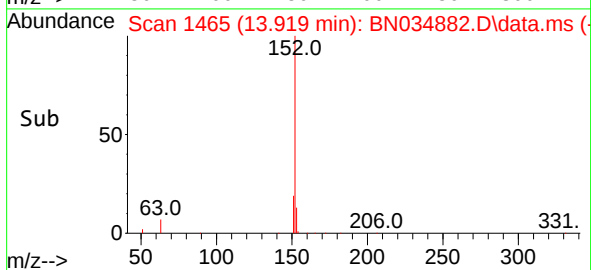
Reviewed By :Yogesh Patel 11/07/2024  
Supervised By :mohammad ahmed 11/08/2024

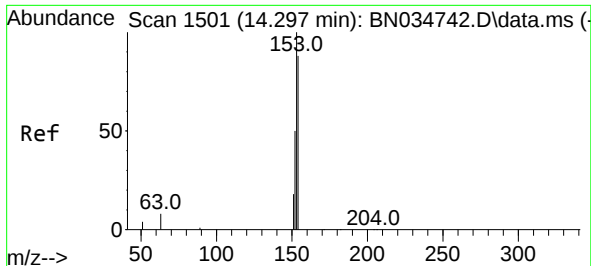


#16  
Acenaphthylene  
Concen: 0.330 ng  
RT: 13.919 min Scan# 1465  
Delta R.T. -0.014 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28



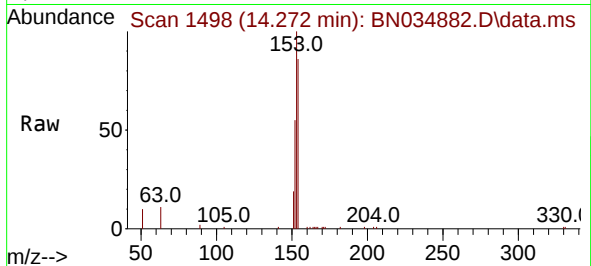
Tgt Ion:152 Resp: 10839  
Ion Ratio Lower Upper  
152 100  
151 19.0 15.4 23.2  
153 12.7 10.2 15.4





#17  
Acenaphthene  
Concen: 0.352 ng  
RT: 14.272 min Scan# 1498  
Delta R.T. -0.014 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28

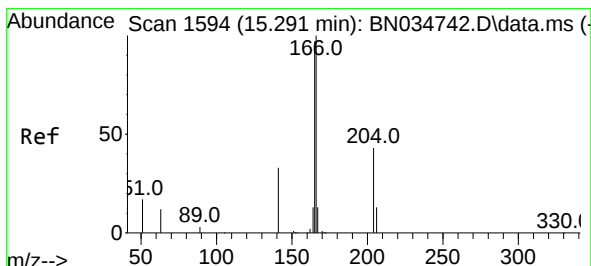
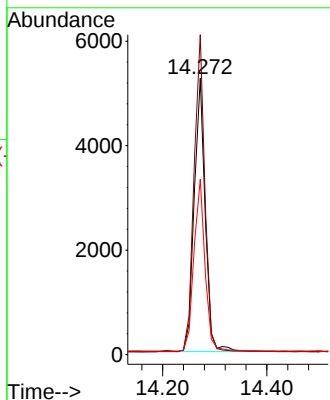
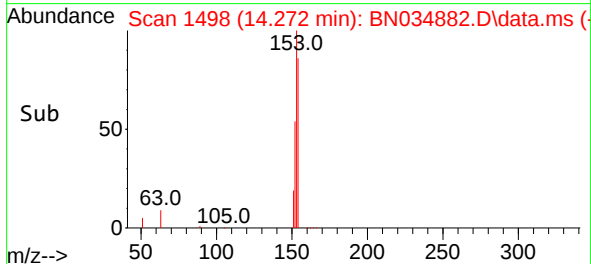
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



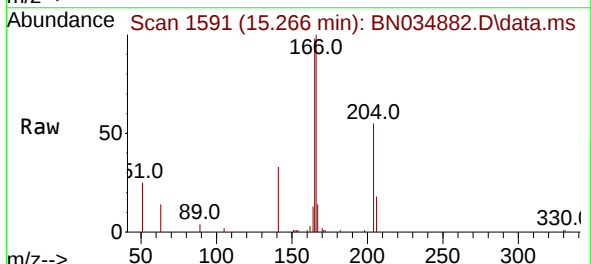
Tgt Ion:154 Resp: 7704  
Ion Ratio Lower Upper  
154 100  
153 114.2 87.8 131.6  
152 63.6 44.6 67.0

Manual Integrations  
APPROVED

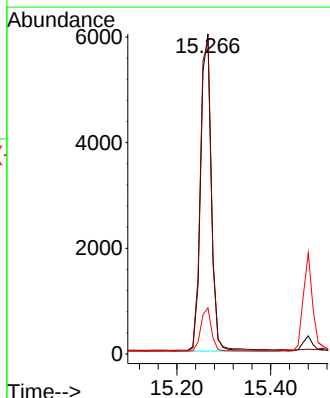
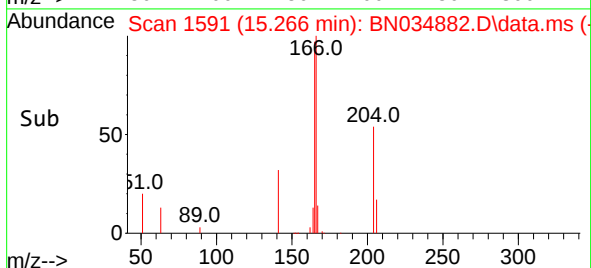
Reviewed By :Yogesh Patel 11/07/2024  
Supervised By :mohammad ahmed 11/08/2024

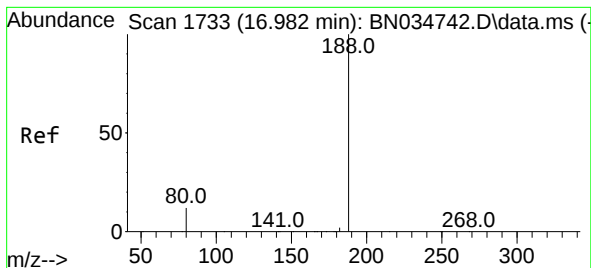


#18  
Fluorene  
Concen: 0.348 ng  
RT: 15.266 min Scan# 1591  
Delta R.T. -0.004 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28



Tgt Ion:166 Resp: 9497  
Ion Ratio Lower Upper  
166 100  
165 100.7 78.5 117.7  
167 13.5 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.952 min Scan# 11

Delta R.T. -0.018 min

Lab File: BN034882.D

Acq: 06 Nov 2024 20:28

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:188 Resp: 12458

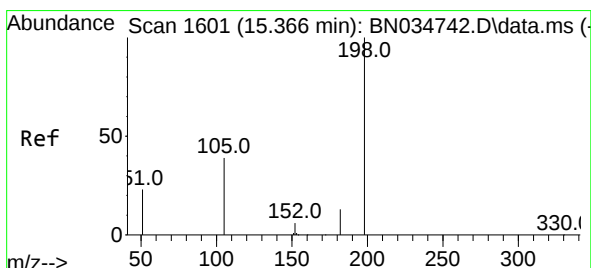
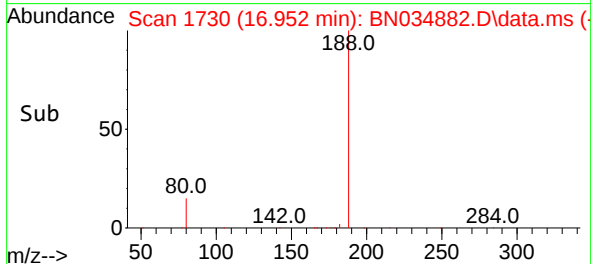
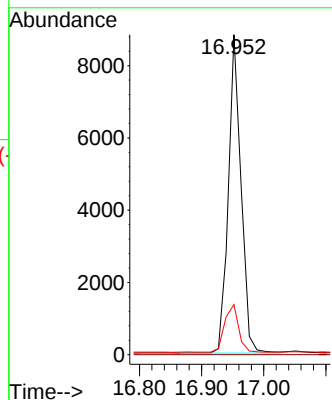
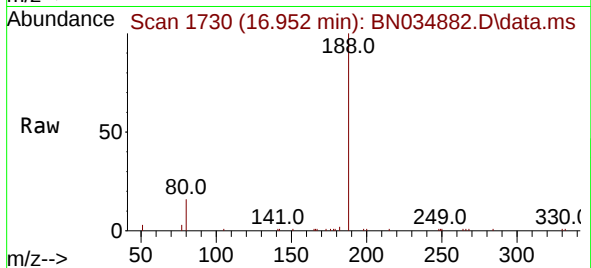
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 0.0   | 0.0   | 0.0   |
| 80  | 15.6  | 9.8   | 14.6  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/07/2024

Supervised By :mohammad ahmed 11/08/2024



#20

4,6-Dinitro-2-methylphenol

Concen: 0.340 ng

RT: 15.341 min Scan# 1598

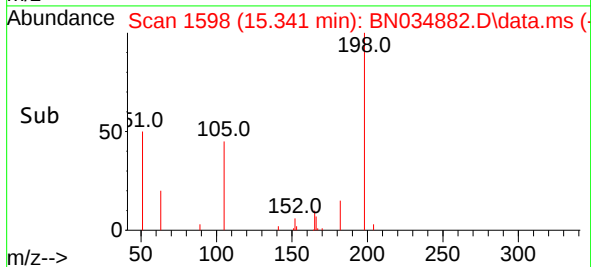
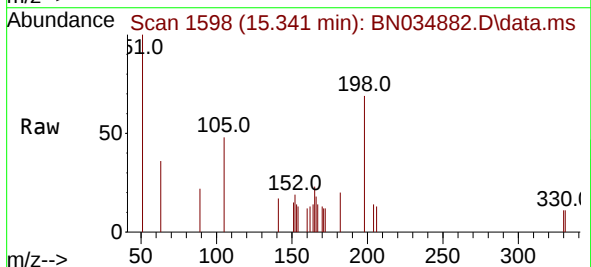
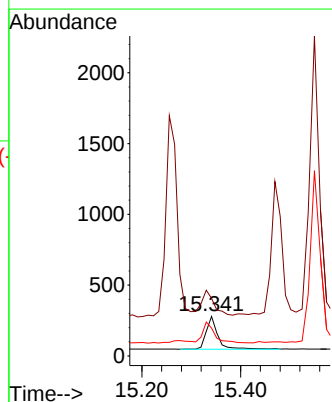
Delta R.T. -0.014 min

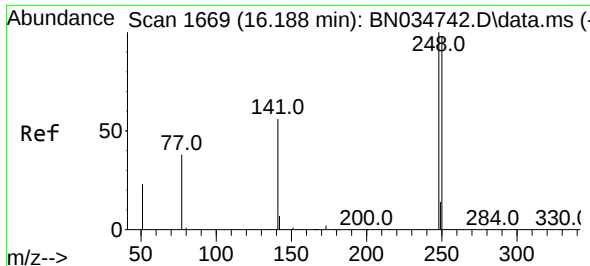
Lab File: BN034882.D

Acq: 06 Nov 2024 20:28

Tgt Ion:198 Resp: 381

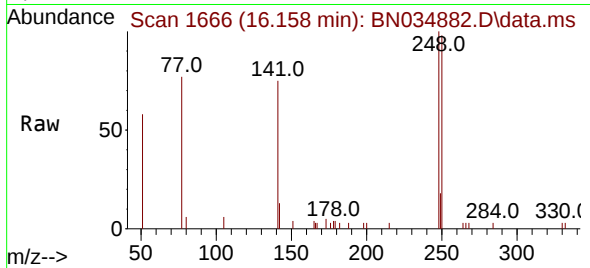
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 145.9 | 58.0  | 87.0  |
| 105 | 70.6  | 49.1  | 73.7  |





#21  
4-Bromophenyl-phenylether  
Concen: 0.338 ng  
RT: 16.158 min Scan# 1666  
Delta R.T. -0.018 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28

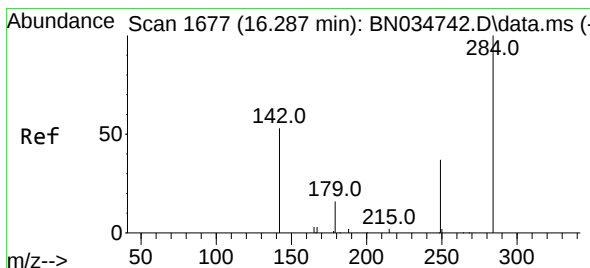
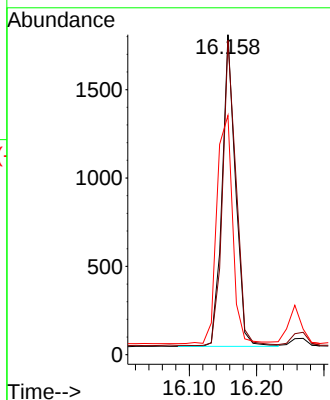
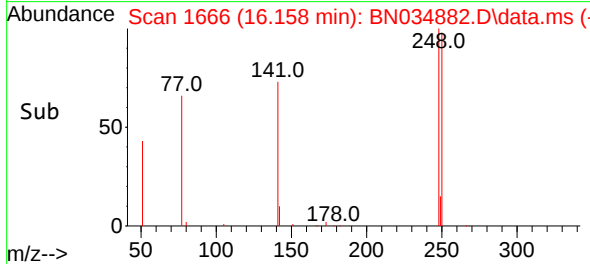
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:248 Resp: 2434  
Ion Ratio Lower Upper  
248 100  
250 98.2 78.7 118.1  
141 74.8 46.4 69.6

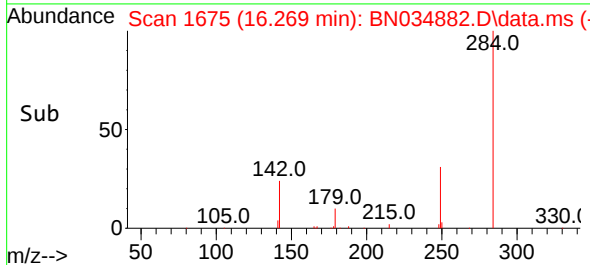
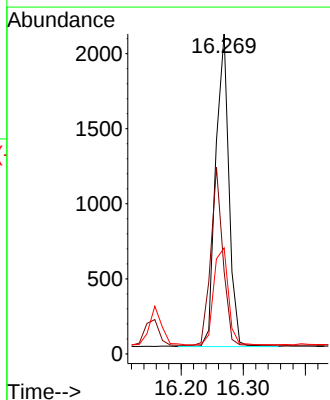
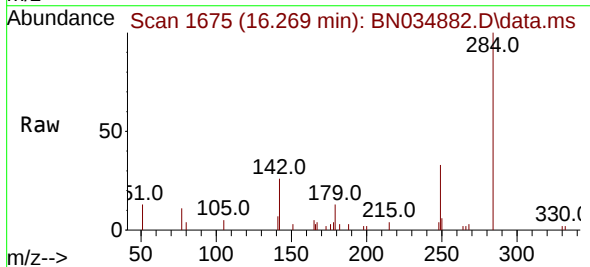
Manual Integrations  
APPROVED

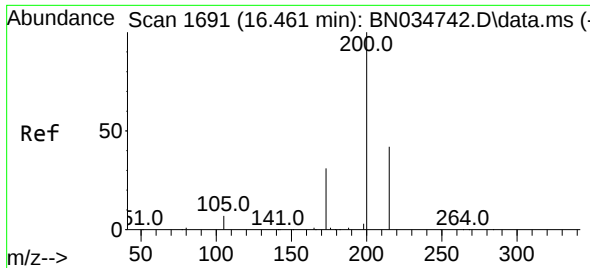
Reviewed By :Yogesh Patel 11/07/2024  
Supervised By :mohammad ahmed 11/08/2024



#22  
Hexachlorobenzene  
Concen: 0.381 ng  
RT: 16.269 min Scan# 1675  
Delta R.T. -0.005 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28

Tgt Ion:284 Resp: 3073  
Ion Ratio Lower Upper  
284 100  
142 52.9 35.4 53.0  
249 34.1 25.7 38.5





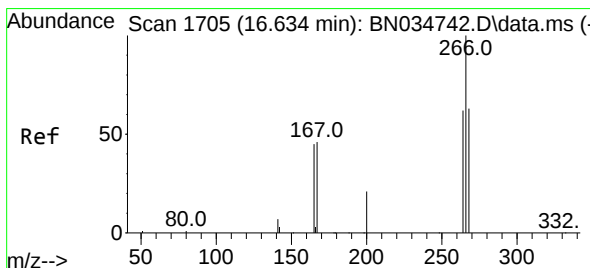
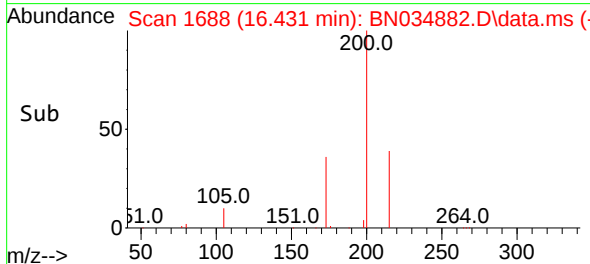
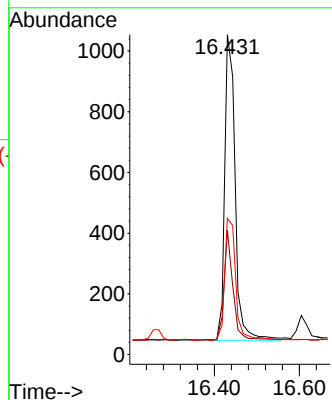
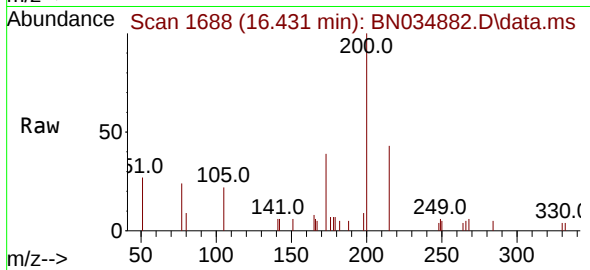
#23  
Atrazine  
Concen: 0.277 ng  
RT: 16.431 min Scan# 1720  
Delta R.T. -0.018 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC

Tgt Ion:200 Resp: 1720  
Ion Ratio Lower Upper  
200 100  
173 38.9 25.8 38.6  
215 42.6 34.2 51.4

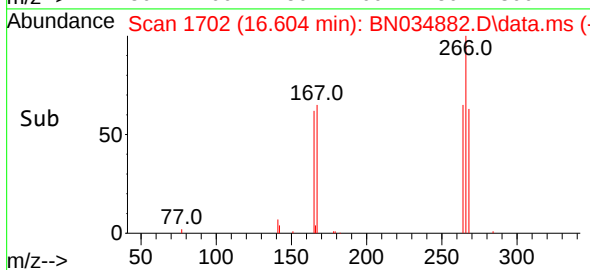
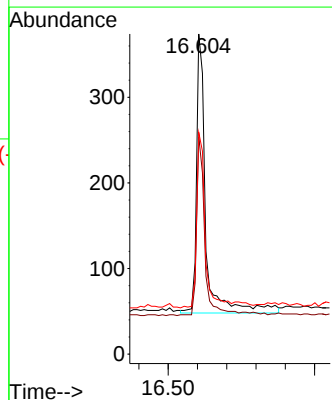
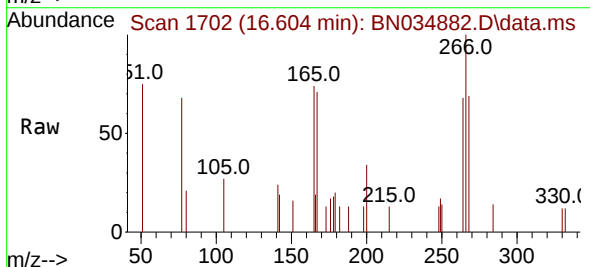
Manual Integrations  
APPROVED

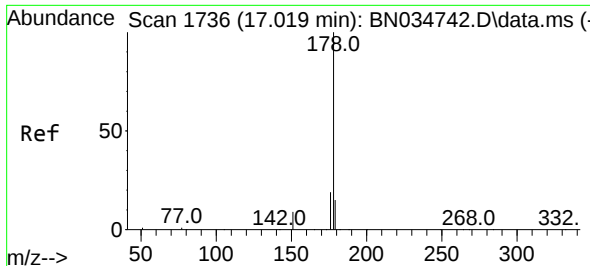
Reviewed By :Yogesh Patel 11/07/2024  
Supervised By :mohammad ahmed 11/08/2024



#24  
Pentachlorophenol  
Concen: 0.208 ng m  
RT: 16.604 min Scan# 1702  
Delta R.T. -0.018 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28

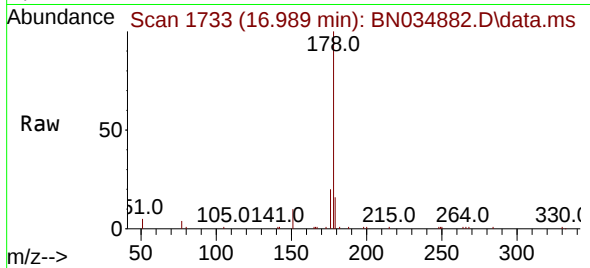
Tgt Ion:266 Resp: 722  
Ion Ratio Lower Upper  
266 100  
264 55.0 48.7 73.1  
268 56.8 50.2 75.4





#25  
Phenanthrene  
Concen: 0.393 ng  
RT: 16.989 min Scan# 1740  
Delta R.T. -0.018 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28

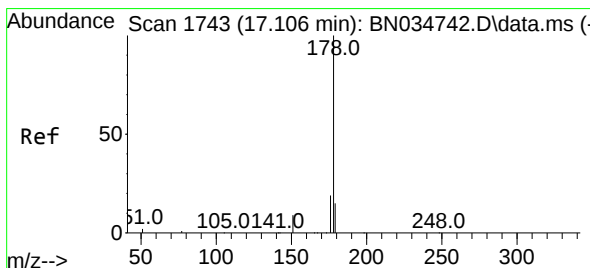
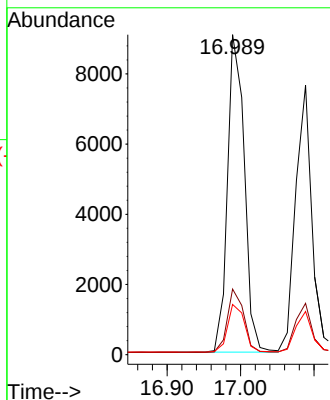
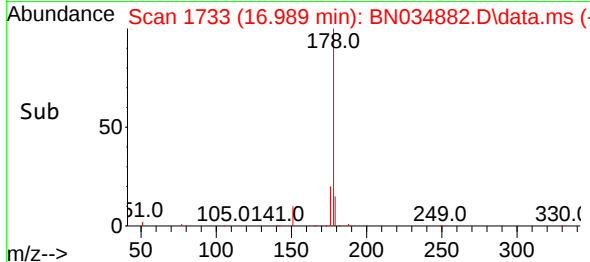
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:178 Resp: 1440  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.4 23.0  
179 15.1 12.2 18.4

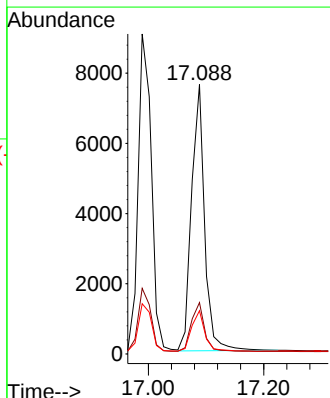
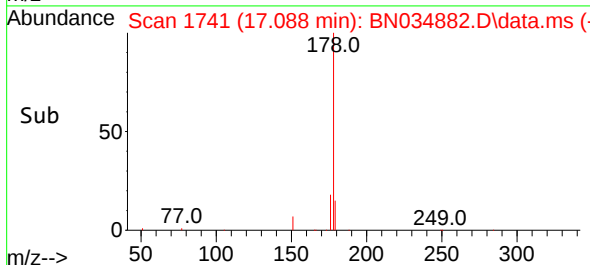
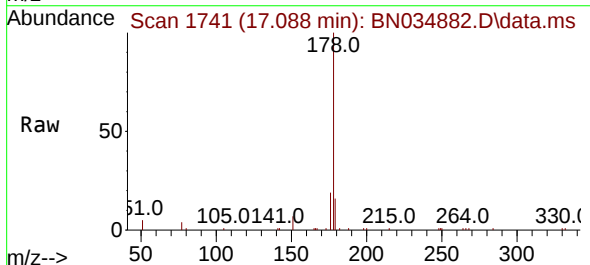
Manual Integrations  
APPROVED

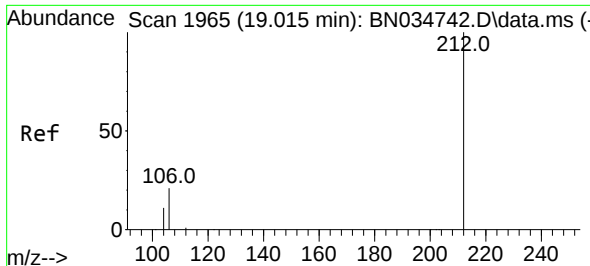
Reviewed By :Yogesh Patel 11/07/2024  
Supervised By :mohammad ahmed 11/08/2024



#26  
Anthracene  
Concen: 0.349 ng  
RT: 17.088 min Scan# 1741  
Delta R.T. -0.005 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28

Tgt Ion:178 Resp: 11960  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.0 22.6  
179 15.4 12.2 18.2





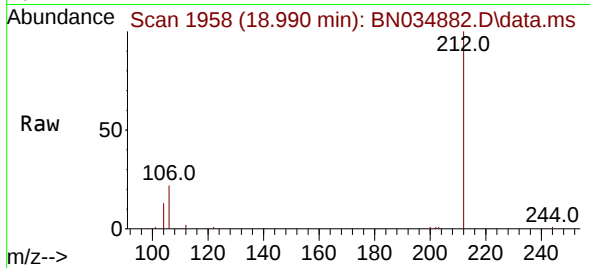
#27  
Fluoranthene-d10  
Concen: 0.356 ng  
RT: 18.990 min Scan# 1958  
Delta R.T. -0.012 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



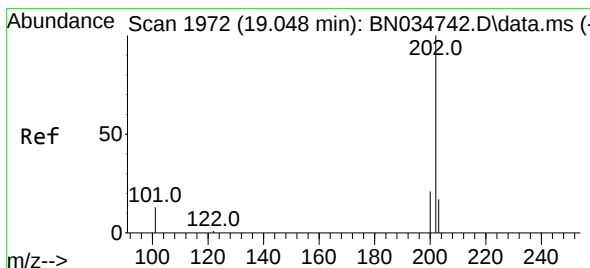
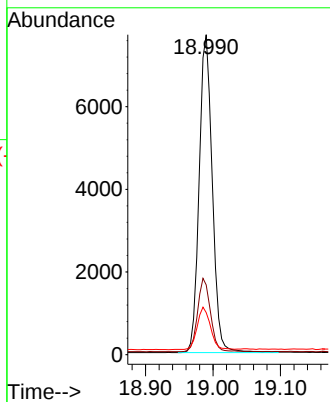
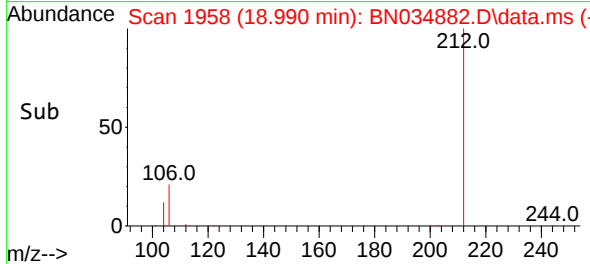
Tgt Ion:212 Resp: 10390  
Ion Ratio Lower Upper  
212 100  
106 22.5 16.1 24.1  
104 13.5 9.2 13.8

Manual Integrations

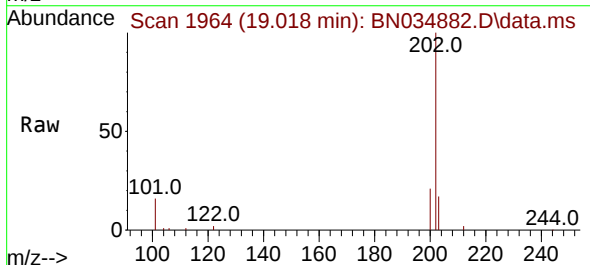
APPROVED

Reviewed By :Yogesh Patel 11/07/2024

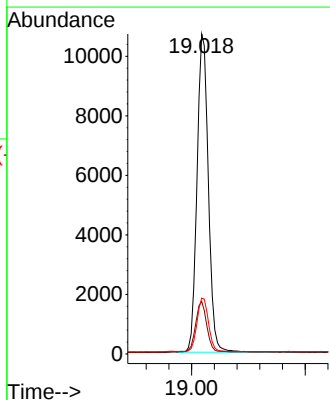
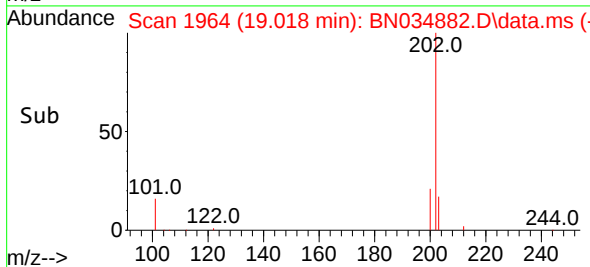
Supervised By :mohammad ahmed 11/08/2024

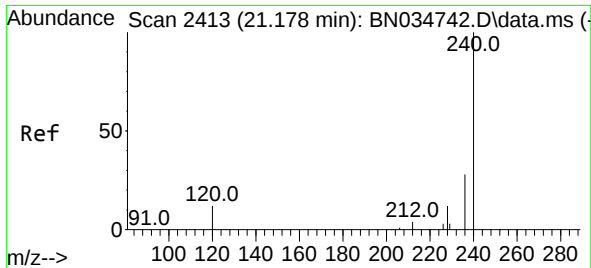


#28  
Fluoranthene  
Concen: 0.366 ng  
RT: 19.018 min Scan# 1964  
Delta R.T. -0.016 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28



Tgt Ion:202 Resp: 14768  
Ion Ratio Lower Upper  
202 100  
101 16.1 11.4 17.0  
203 16.9 13.7 20.5





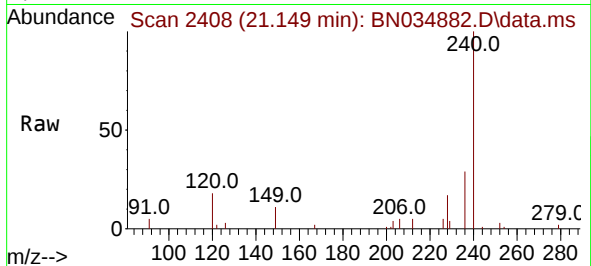
#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.149 min Scan# 2413  
Delta R.T. -0.011 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



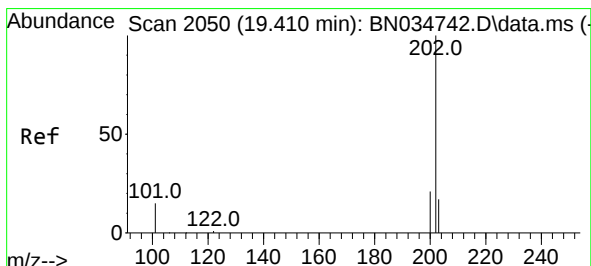
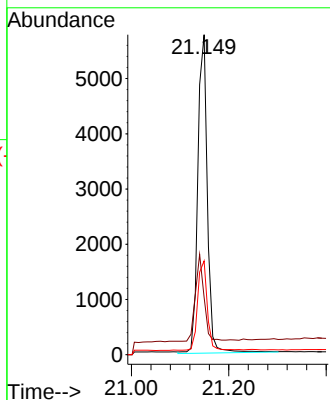
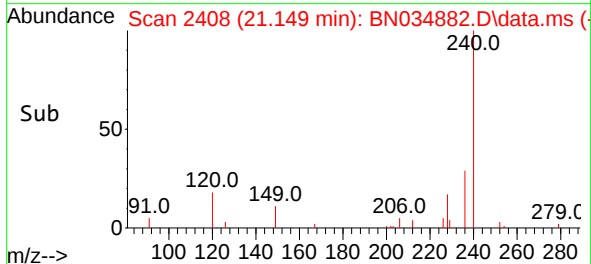
Tgt Ion:240 Resp: 7818  
Ion Ratio Lower Upper  
240 100  
120 17.9 11.5 17.3  
236 29.3 23.2 34.8

Manual Integrations

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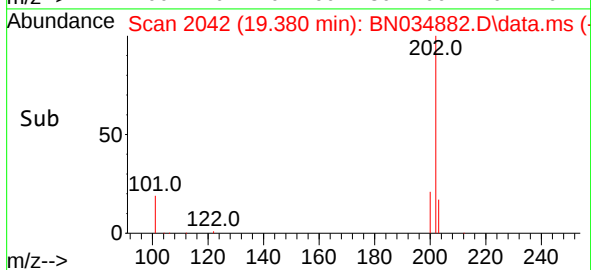
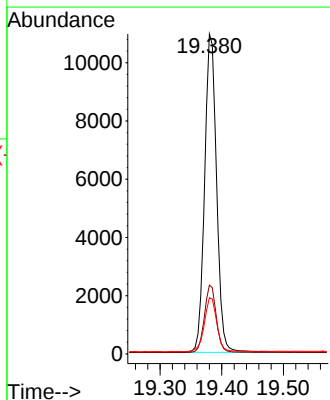
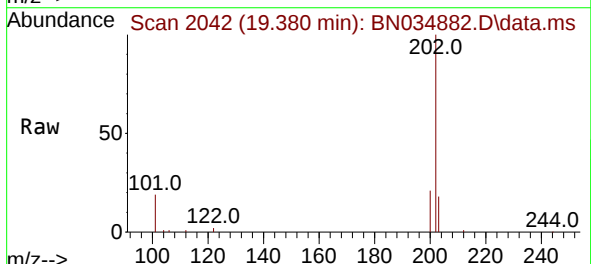
Reviewed By :Yogesh Patel 11/07/2024

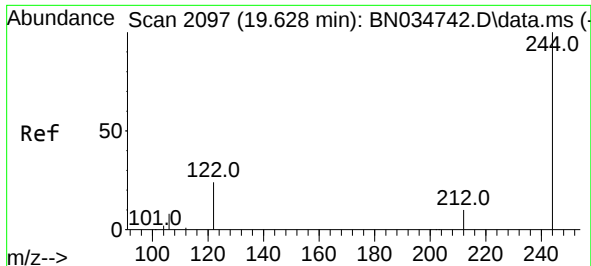
Supervised By :mohammad ahmed 11/08/2024



#30  
Pyrene  
Concen: 0.360 ng  
RT: 19.380 min Scan# 2042  
Delta R.T. -0.016 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28

Tgt Ion:202 Resp: 14710  
Ion Ratio Lower Upper  
202 100  
200 21.1 17.0 25.4  
203 17.5 14.2 21.2





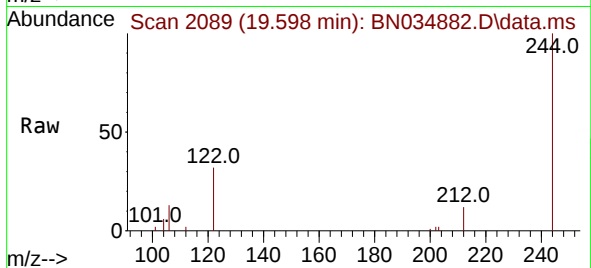
#31  
 Terphenyl-d14  
 Concen: 0.328 ng  
 RT: 19.598 min Scan# 2097  
 Delta R.T. -0.016 min  
 Lab File: BN034882.D  
 Acq: 06 Nov 2024 20:28

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



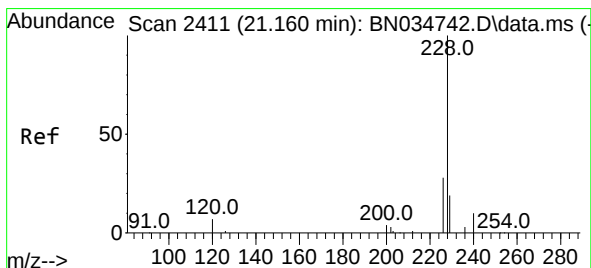
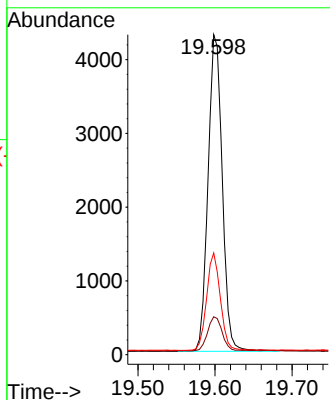
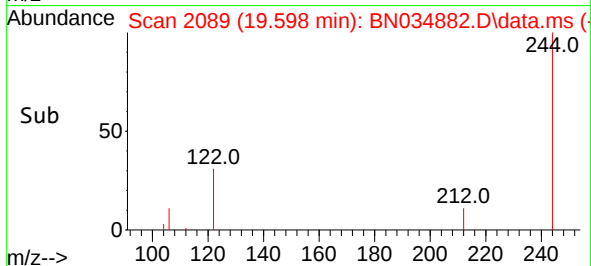
Tgt Ion:244 Resp: 5500  
 Ion Ratio Lower Upper  
 244 100  
 212 11.9 8.2 12.4  
 122 31.8 19.8 29.6

Manual Integrations

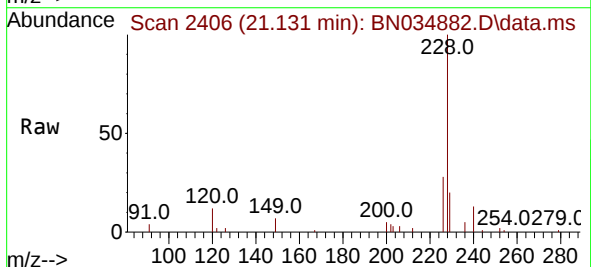
APPROVED

Reviewed By :Yogesh Patel 11/07/2024

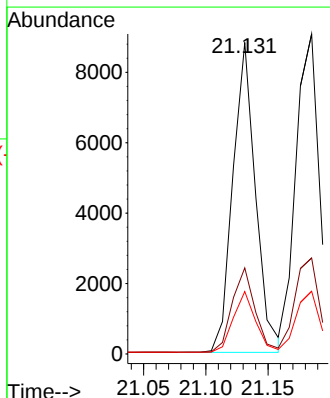
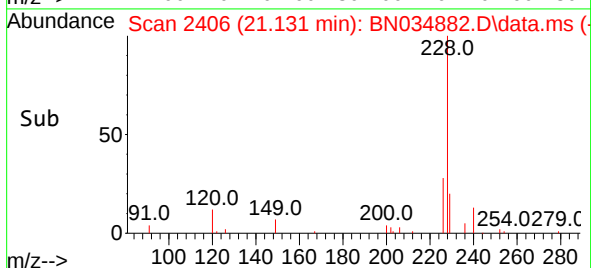
Supervised By :mohammad ahmed 11/08/2024

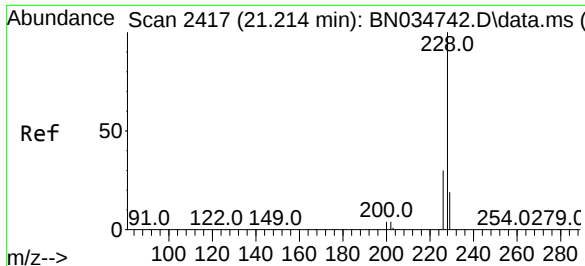


#32  
 Benzo(a)anthracene  
 Concen: 0.358 ng  
 RT: 21.131 min Scan# 2406  
 Delta R.T. -0.011 min  
 Lab File: BN034882.D  
 Acq: 06 Nov 2024 20:28



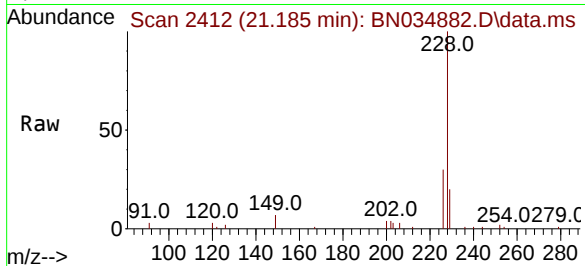
Tgt Ion:228 Resp: 11148  
 Ion Ratio Lower Upper  
 228 100  
 226 27.6 22.6 33.8  
 229 20.0 15.7 23.5





#33  
Chrysene  
Concen: 0.402 ng  
RT: 21.185 min Scan# 2417  
Delta R.T. -0.011 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28

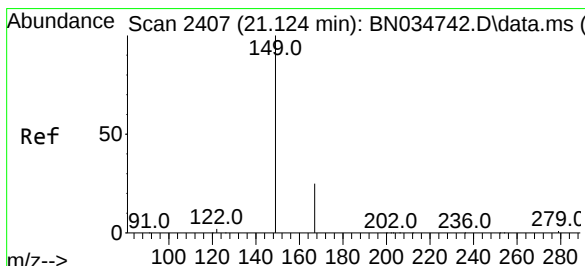
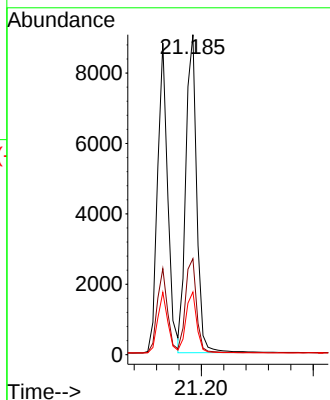
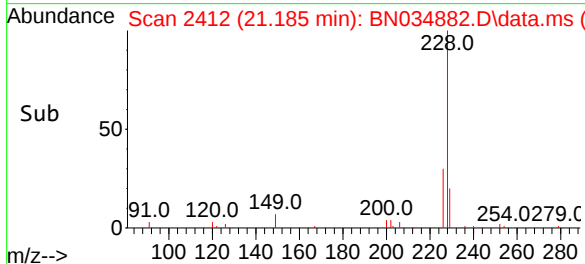
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:228 Resp: 12254  
Ion Ratio Lower Upper  
228 100  
226 30.0 24.4 36.6  
229 19.6 15.6 23.4

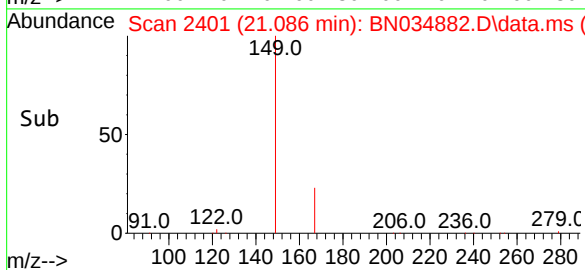
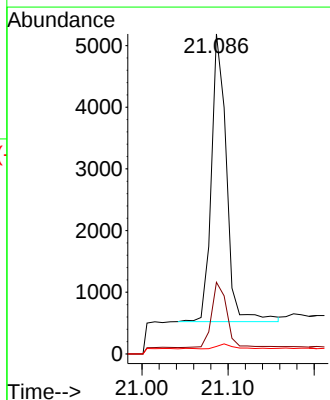
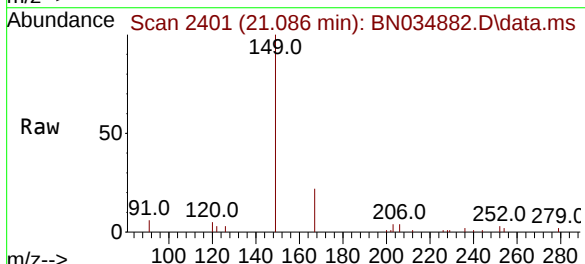
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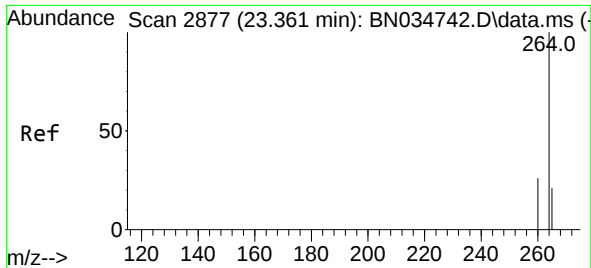
Reviewed By :Yogesh Patel 11/07/2024  
Supervised By :mohammad ahmed 11/08/2024



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.218 ng  
RT: 21.086 min Scan# 2401  
Delta R.T. -0.020 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28

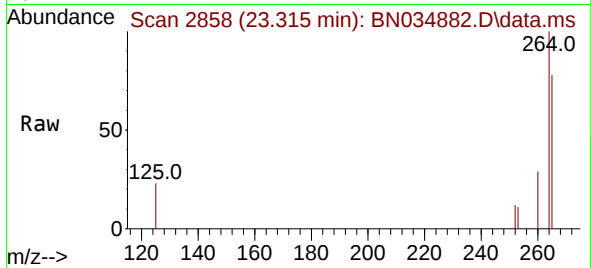
Tgt Ion:149 Resp: 5672  
Ion Ratio Lower Upper  
149 100  
167 23.1 20.6 30.8  
279 1.9 1.5 2.3





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.315 min Scan# 21  
Delta R.T. -0.020 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28

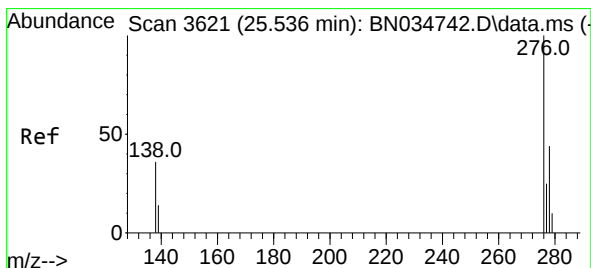
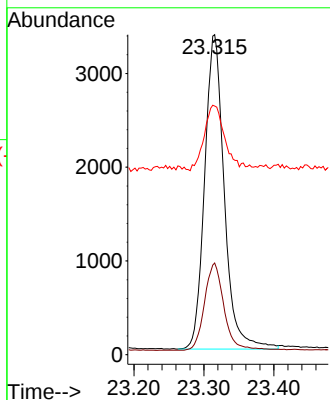
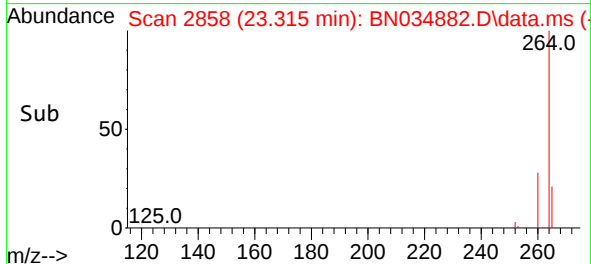
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:264 Resp: 654  
Ion Ratio Lower Upper  
264 100  
260 28.7 21.5 32.3  
265 77.7 47.5 71.3

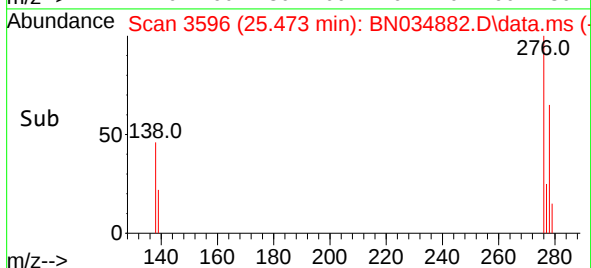
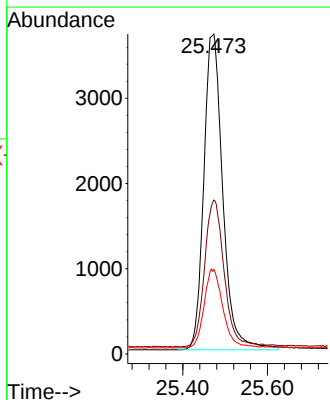
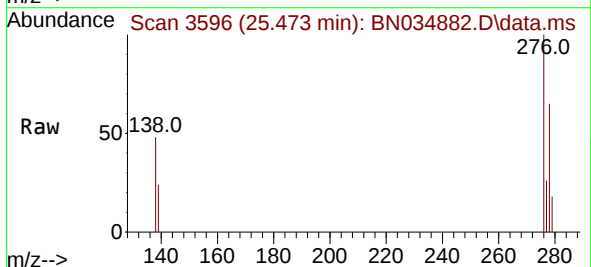
Manual Integrations  
APPROVED

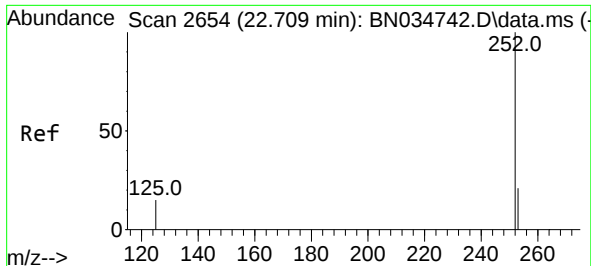
Reviewed By :Yogesh Patel 11/07/2024  
Supervised By :mohammad ahmed 11/08/2024



#36  
Indeno(1,2,3-cd)pyrene  
Concen: 0.480 ng  
RT: 25.473 min Scan# 3596  
Delta R.T. -0.031 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28

Tgt Ion:276 Resp: 11565  
Ion Ratio Lower Upper  
276 100  
138 47.7 31.5 47.3  
277 24.6 19.7 29.5





#37

Benzo(b)fluoranthene

Concen: 0.442 ng

RT: 22.669 min Scan# 2637

Delta R.T. -0.020 min

Lab File: BN034882.D

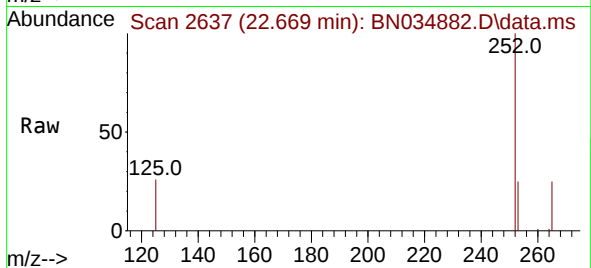
Acq: 06 Nov 2024 20:28

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion:252 Resp: 11644

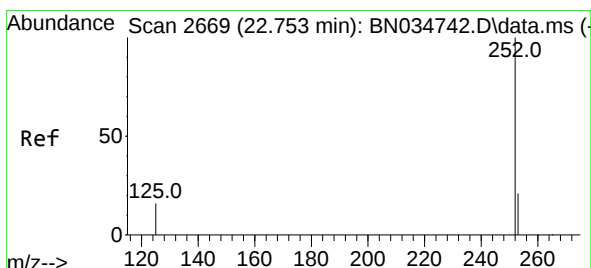
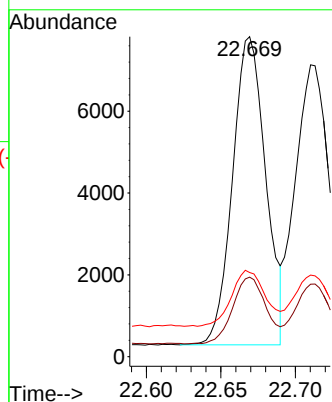
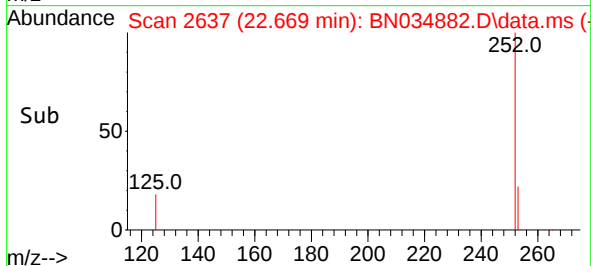
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 24.9  | 19.7  | 29.5  |
| 125 | 26.3  | 17.1  | 25.7  |

Manual Integrations

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Reviewed By :Yogesh Patel 11/07/2024

Supervised By :mohammad ahmed 11/08/2024



#38

Benzo(k)fluoranthene

Concen: 0.441 ng m

RT: 22.710 min Scan# 2651

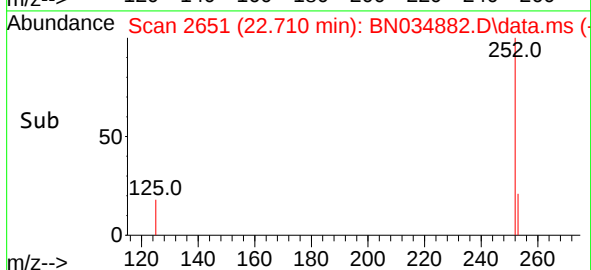
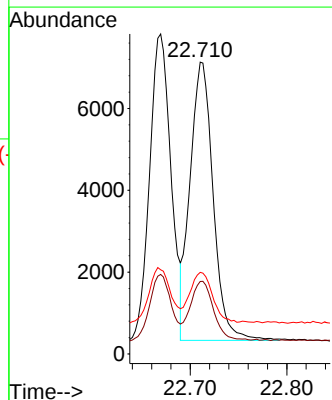
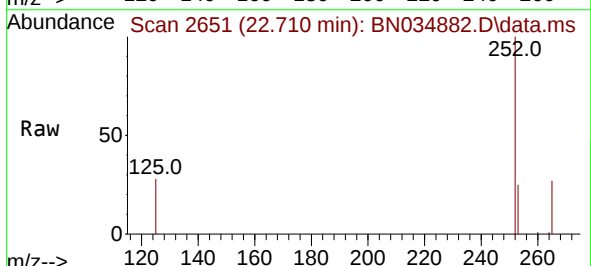
Delta R.T. -0.020 min

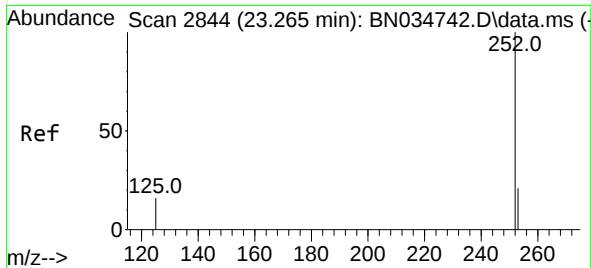
Lab File: BN034882.D

Acq: 06 Nov 2024 20:28

Tgt Ion:252 Resp: 11333

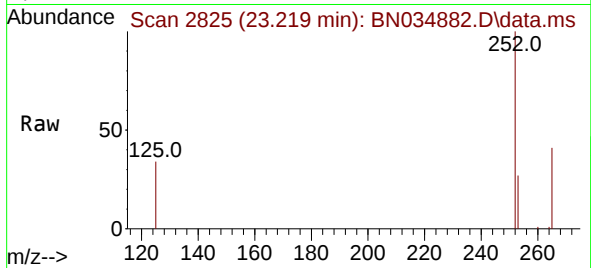
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 24.8  | 19.8  | 29.6  |
| 125 | 27.9  | 18.2  | 27.2  |





#39  
Benzo(a)pyrene  
Concen: 0.398 ng  
RT: 23.219 min Scan# 21  
Delta R.T. -0.023 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28

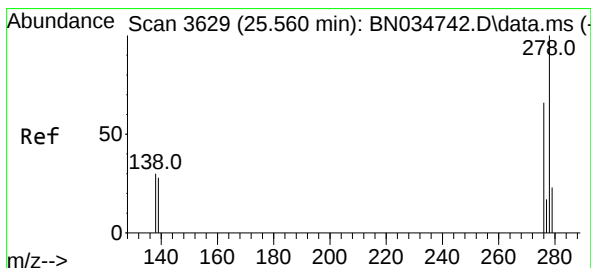
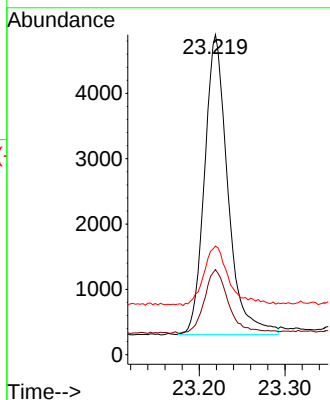
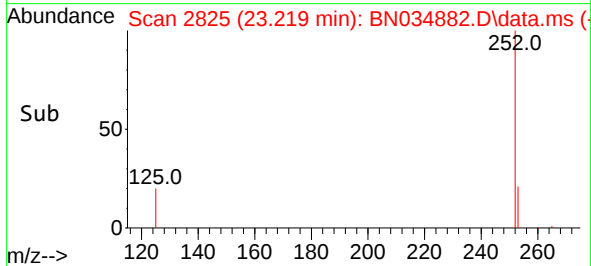
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC0.4EC



Tgt Ion:252 Resp: 8660  
Ion Ratio Lower Upper  
252 100  
253 26.6 20.7 31.1  
125 33.9 20.3 30.5

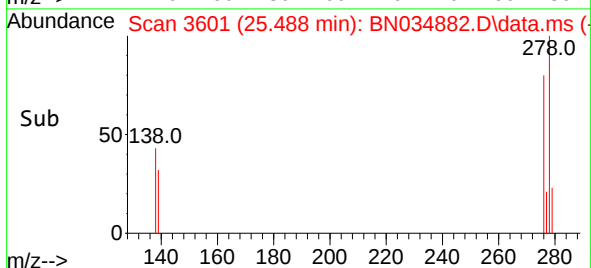
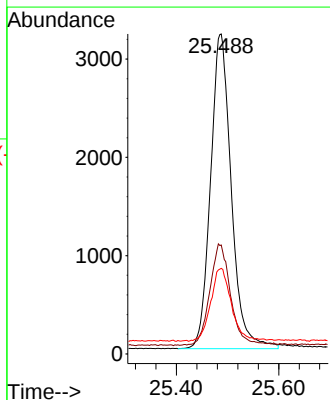
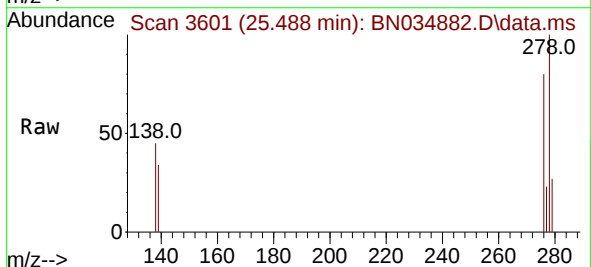
Manual Integrations  
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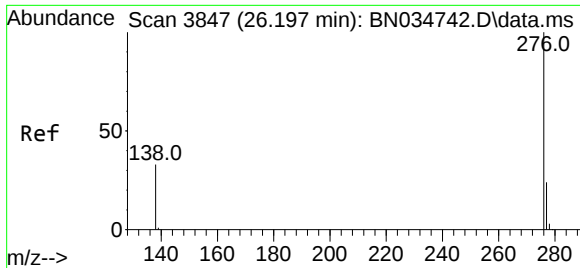
Reviewed By :Yogesh Patel 11/07/2024  
Supervised By :mohammad ahmed 11/08/2024



#40  
Dibenzo(a,h)anthracene  
Concen: 0.481 ng  
RT: 25.488 min Scan# 3601  
Delta R.T. -0.037 min  
Lab File: BN034882.D  
Acq: 06 Nov 2024 20:28

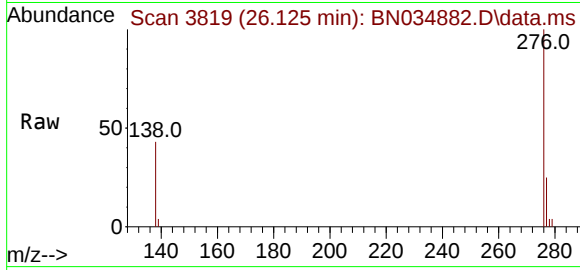
Tgt Ion:278 Resp: 9031  
Ion Ratio Lower Upper  
278 100  
139 34.0 24.9 37.3  
279 26.7 21.0 31.4





#41  
 Benzo(g,h,i)perylene  
 Concen: 0.512 ng  
 RT: 26.125 min Scan# 3819  
 Delta R.T. -0.040 min  
 Lab File: BN034882.D  
 Acq: 06 Nov 2024 20:28

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC0.4EC



Tgt Ion: 276 Resp: 1038  
 Ion Ratio Lower Upper  
 276 100  
 277 25.3 20.2 30.2  
 138 42.7 28.7 43.1

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/07/2024  
 Supervised By :mohammad ahmed 11/08/2024

