

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100724\  
 Data File : BM047883.D  
 Acq On : 07 Oct 2024 13:31  
 Operator : RC/JU  
 Sample : P4131-21  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 A4E67

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/08/2024  
 Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 07 14:07:57 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 04 08:32:31 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.798  | 152  | 212391   | 20.000  | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.592 | 136  | 859847   | 20.000  | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.433 | 164  | 523601   | 20.000  | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.174 | 188  | 1048219  | 20.000  | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.403 | 240  | 918735   | 20.000  | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.397 | 264  | 1093641  | 20.000  | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.252  | 96   | 15103    | 2.298   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000   | ng/u1  |          |
| 7) Phenol-d5                  | 6.969  | 99   | 338268   | 16.843  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.128  | 67   | 200025   | 14.035  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.334  | 132  | 283532   | 19.404  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.510  | 113  | 277542   | 18.587  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.951  | 128  | 136779m  | 19.979  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.675  | 143  | 145647   | 22.200  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.216 | 165  | 332200   | 25.347  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.722 | 131  | 299119   | 14.763  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.845 | 166  | 824440   | 21.718  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.127 | 160  | 992144   | 22.043  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.633 | 143  | 144304   | 19.093  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.427 | 176  | 748576   | 22.766  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.539 | 200  | 80388    | 13.105  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.268 | 188  | 1149269  | 22.298  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.556 | 212  | 1324632  | 25.404  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.191 | 264  | 1302329  | 22.951  | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 8) Phenol                     | 6.992  | 94   | 552454   | 25.852  | ng/u1  | 93       |
| 10) Bis(2-Chloroethyl)ether   | 7.222  | 93   | 2415091  | 141.833 | ng/u1  | 91       |
| 12) 2-Chlorophenol            | 7.363  | 128  | 1141723  | 73.755  | ng/u1  | 93       |
| 17) N-Nitroso-di-n-propyla... | 8.610  | 70   | 1892722  | 139.862 | ng/u1# | 85       |
| 19) Hexachloroethane          | 8.881  | 117  | 674001   | 96.867  | ng/u1  | 87       |
| 22) Nitrobenzene              | 8.992  | 77   | 550301   | 28.296  | ng/u1  | 91       |
| 23) Isophorone                | 9.528  | 82   | 4460714  | 128.221 | ng/u1  | 95       |
| 25) 2-Nitrophenol             | 9.704  | 139  | 322641   | 42.987  | ng/u1# | 87       |
| 27) Bis(2-Chloroethoxy)met... | 10.004 | 93   | 3067498  | 144.161 | ng/u1  | 98       |
| 29) 2,4-Dichlorophenol        | 10.245 | 162  | 1290497  | 95.360  | ng/u1  | 97       |
| 33) Hexachlorobutadiene       | 10.933 | 225  | 1055289  | 118.021 | ng/u1  | 98       |
| 35) 4-Chloro-3-methylphenol   | 11.874 | 107  | 514505   | 36.728  | ng/u1  | 95       |
| 36) 2-Methylnaphthalene       | 12.251 | 142  | 1517884  | 48.301  | ng/u1  | 99       |
| 41) 2,4,6-Trichlorophenol     | 12.869 | 196  | 1587962  | 161.020 | ng/u1  | 99       |
| 42) 2,4,5-Trichlorophenol     | 12.933 | 196  | 377936   | 35.046  | ng/u1  | 97       |
| 48) 2,6-Dinitrotoluene        | 14.010 | 165  | 1489249  | 220.570 | ng/u1# | 83       |
| 50) Acenaphthylene            | 14.157 | 152  | 863433   | 17.010  | ng/u1  | 98       |
| 52) Acenaphthene              | 14.498 | 153  | 3324676  | 92.657  | ng/u1  | 99       |
| 55) 4-Nitrophenol             | 14.645 | 109  | 383886   | 60.494  | ng/u1  | 89       |
| 57) 2,4-Dinitrotoluene        | 14.798 | 165  | 1424616  | 140.484 | ng/u1# | 78       |
| 61) Fluorene                  | 15.486 | 166  | 5200025  | 129.047 | ng/u1  | 100      |
| 62) 4-Chlorophenyl-phenyle... | 15.474 | 204  | 825657   | 43.362  | ng/u1  | 96       |
| 68) 4-Bromophenyl-phenylether | 16.368 | 248  | 378542   | 35.034  | ng/u1  | 96       |
| 69) Hexachlorobenzene         | 16.492 | 284  | 2285647  | 181.776 | ng/u1# | 90       |

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Instrument :  
 BNA\_M  
 ClientSampleId :  
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Manual Integrations  
 APPROVED

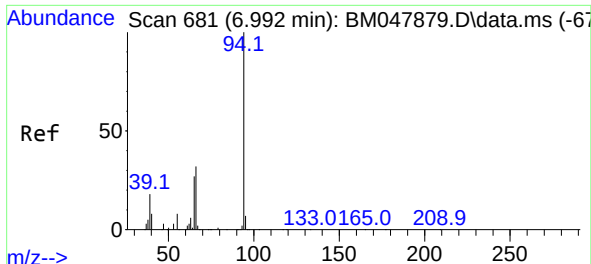
Reviewed By :Yogesh Patel 10/08/2024  
 Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 07 14:07:57 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
 Quant Title : SVOA CALIBRATION  
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| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| 71) Pentachlorophenol         | 16.827 | 266  | 1403258  | 175.506 | ng/ul | 99       |
| 72) Phenanthrene              | 17.215 | 178  | 2153409  | 35.031  | ng/ul | 99       |
| 74) Anthracene                | 17.304 | 178  | 2151933  | 34.323  | ng/ul | 100      |
| 78) Di-n-butylphthalate       | 18.139 | 149  | 8273852  | 130.774 | ng/ul | 99       |
| 80) Fluoranthene              | 19.233 | 202  | 7874422  | 128.225 | ng/ul | 98       |
| 82) Pyrene                    | 19.586 | 202  | 3732577  | 54.609  | ng/ul | 97       |
| 83) Butylbenzylphthalate      | 20.480 | 149  | 968370   | 40.075  | ng/ul | 87       |
| 85) Benzo(a)anthracene        | 21.386 | 228  | 6463940  | 100.486 | ng/ul | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.303 | 149  | 5669515  | 156.272 | ng/ul | 97       |
| 87) Chrysene                  | 21.450 | 228  | 8867020  | 141.394 | ng/ul | 98       |
| 90) Benzo(b)fluoranthene      | 23.462 | 252  | 8769404  | 128.580 | ng/ul | 98       |
| 93) Benzo(a)pyrene            | 24.256 | 252  | 1934989  | 29.873  | ng/ul | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 27.844 | 276  | 1997261m | 24.061  | ng/ul |          |
| 95) Dibenzo(a,h)anthracene    | 27.844 | 278  | 4177638  | 61.412  | ng/ul | 97       |
| 96) Benzo(g,h,i)perylene      | 28.838 | 276  | 1411210  | 21.699  | ng/ul | 96       |
| -----                         |        |      |          |         |       |          |

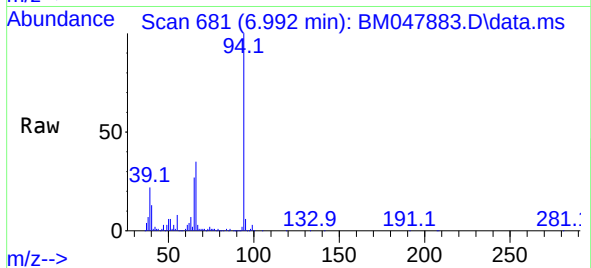
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#8  
Phenol  
Concen: 25.852 ng/ul  
RT: 6.992 min Scan# 681  
Delta R.T. 0.000 min  
Lab File: BM047883.D  
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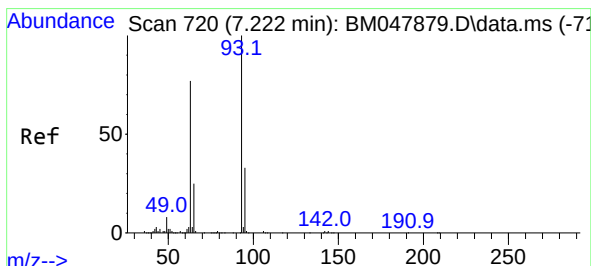
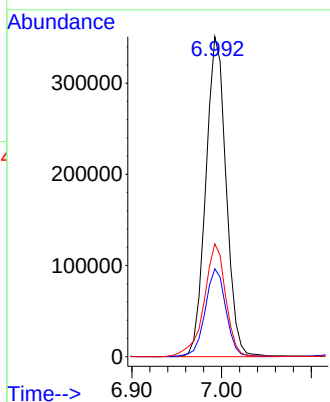
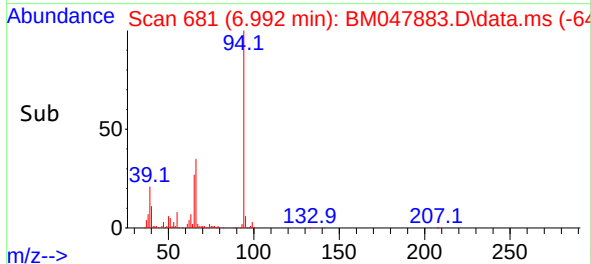
Instrument :  
BNA\_M  
ClientSampleId :  
A4E67



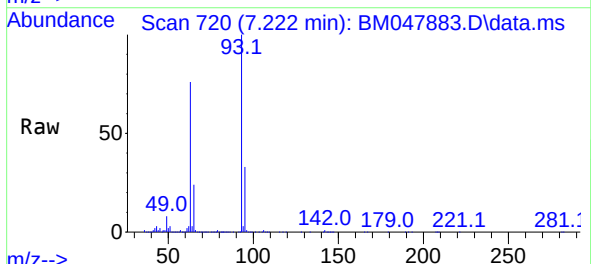
Tgt Ion: 94 Resp: 552454  
Ion Ratio Lower Upper  
94 100  
65 27.5 26.3 39.5  
66 35.2 30.5 45.7

Manual Integrations  
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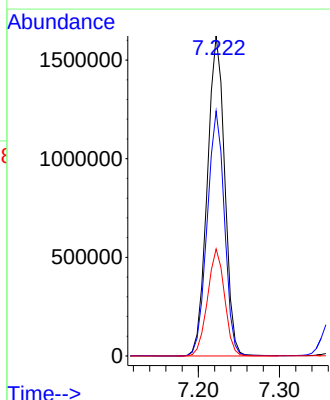
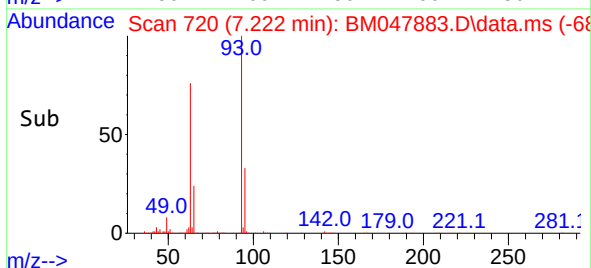
Reviewed By :Yogesh Patel 10/08/2024  
Supervised By :mohammad ahmed 10/11/2024

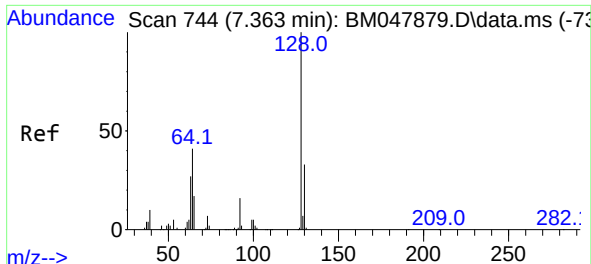


#10  
Bis(2-Chloroethyl)ether  
Concen: 141.833 ng/ul  
RT: 7.222 min Scan# 720  
Delta R.T. 0.000 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31



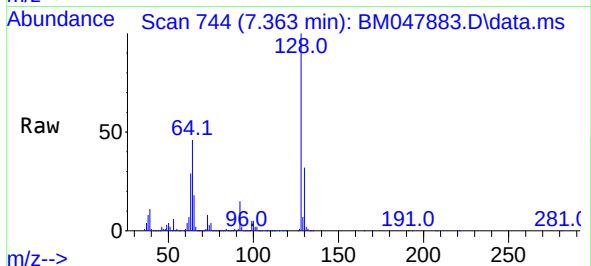
Tgt Ion: 93 Resp: 2415091  
Ion Ratio Lower Upper  
93 100  
63 76.5 69.4 104.2  
95 33.4 25.0 37.6





#12  
2-Chlorophenol  
Concen: 73.755 ng/ul  
RT: 7.363 min Scan# 744  
Delta R.T. -0.006 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31

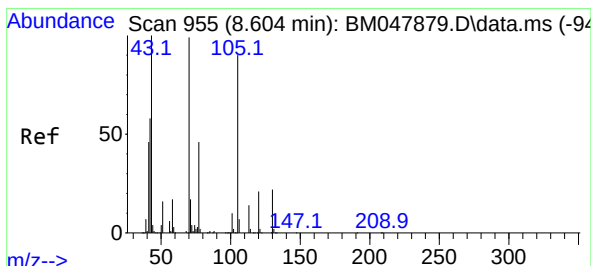
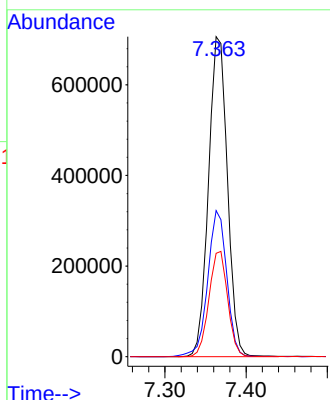
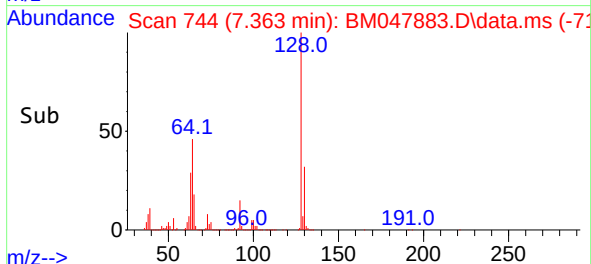
Instrument :  
BNA\_M  
ClientSampleId :  
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Tgt Ion:128 Resp: 1141722  
Ion Ratio Lower Upper  
128 100  
64 45.7 42.7 64.1  
130 32.3 26.0 39.0

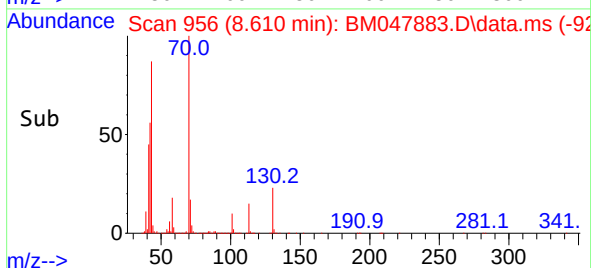
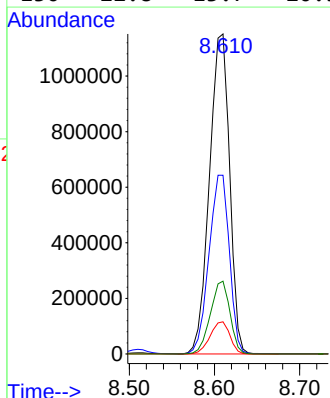
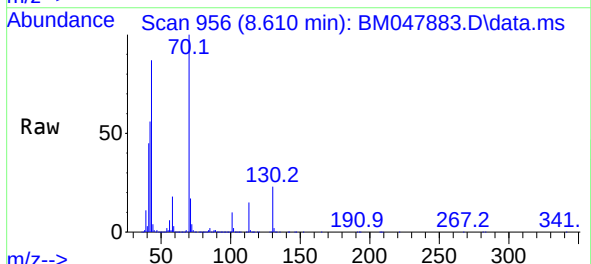
Manual Integrations  
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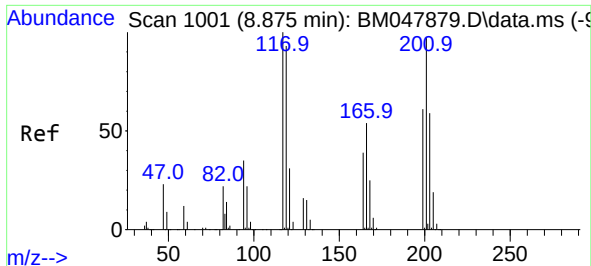
Reviewed By :Yogesh Patel 10/08/2024  
Supervised By :mohammad ahmed 10/11/2024



#17  
N-Nitroso-di-n-propylamine  
Concen: 139.862 ng/ul  
RT: 8.610 min Scan# 956  
Delta R.T. 0.000 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31

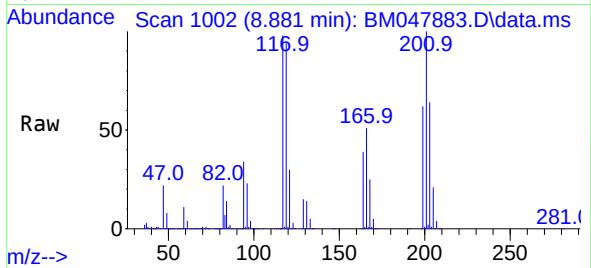
Tgt Ion: 70 Resp: 1892722  
Ion Ratio Lower Upper  
70 100  
42 55.8 55.3 82.9  
101 10.1 6.8 10.2  
130 22.8 13.7 20.5





#19  
Hexachloroethane  
Concen: 96.867 ng/ul  
RT: 8.881 min Scan# 1002  
Delta R.T. 0.000 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31

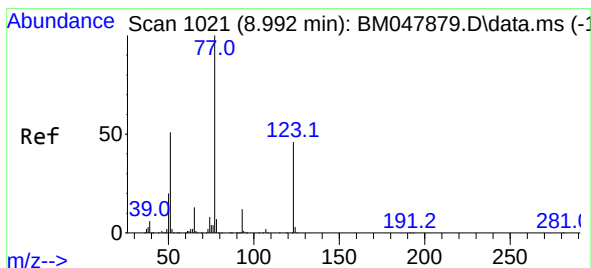
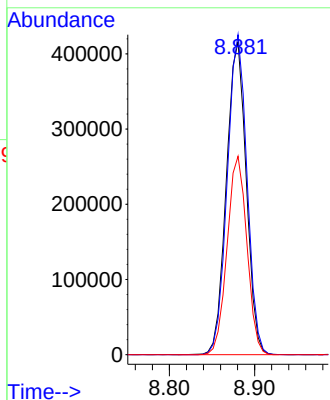
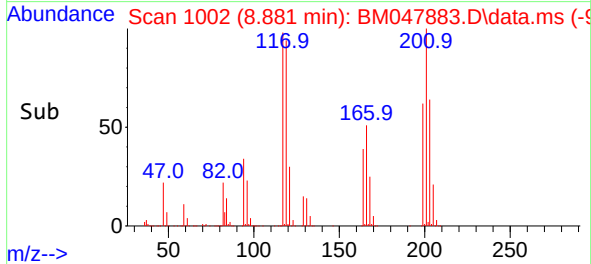
Instrument :  
BNA\_M  
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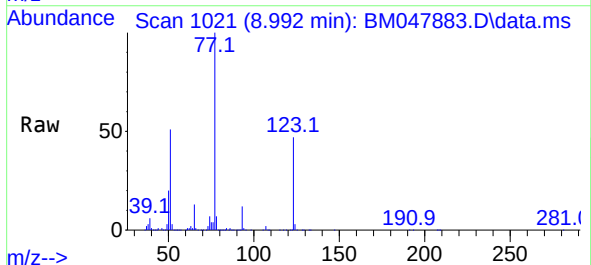
Tgt Ion:117 Resp: 67400  
Ion Ratio Lower Upper  
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201 102.3 71.0 106.6  
199 63.5 44.2 66.4

Manual Integrations  
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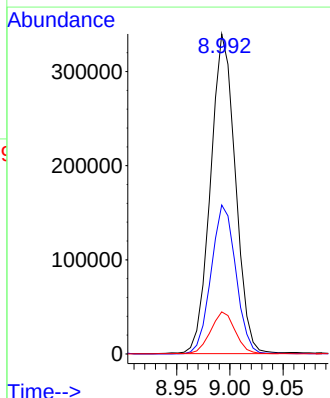
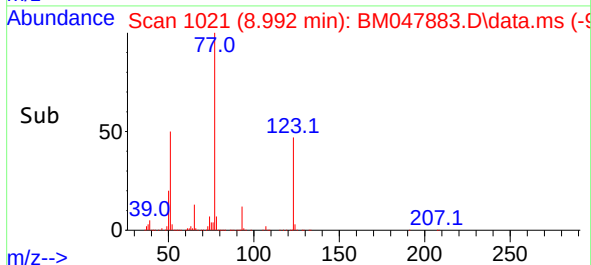
Reviewed By :Yogesh Patel 10/08/2024  
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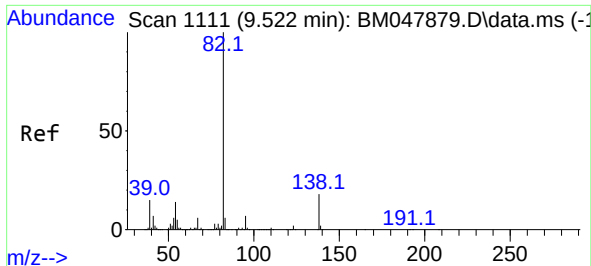


#22  
Nitrobenzene  
Concen: 28.296 ng/ul  
RT: 8.992 min Scan# 1021  
Delta R.T. -0.006 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31



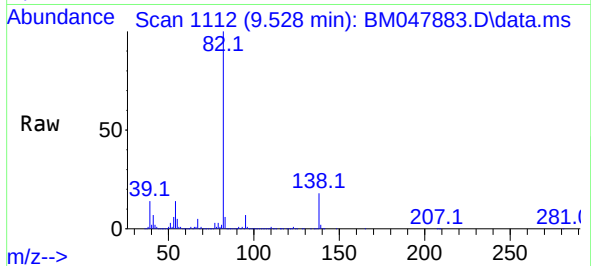
Tgt Ion: 77 Resp: 550301  
Ion Ratio Lower Upper  
77 100  
123 46.5 31.7 47.5  
65 13.1 11.1 16.7





#23  
Isophorone  
Concen: 128.221 ng/ul  
RT: 9.528 min Scan# 1111  
Delta R.T. 0.000 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31

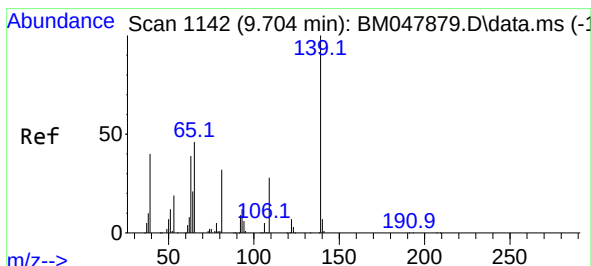
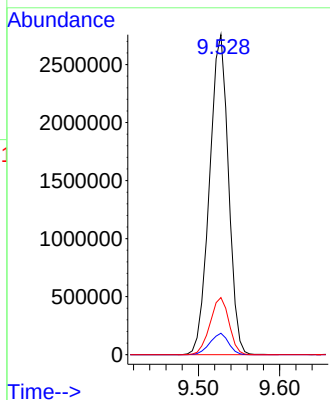
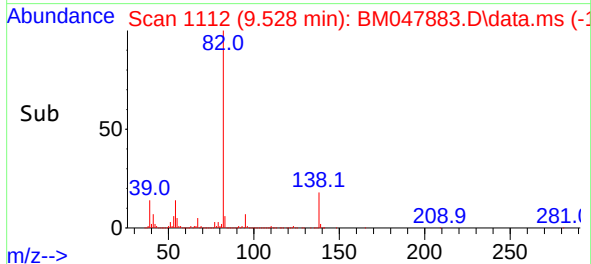
Instrument :  
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Tgt Ion: 82 Resp: 4460714  
Ion Ratio Lower Upper  
82 100  
95 6.7 4.9 7.3  
138 17.8 12.0 18.0

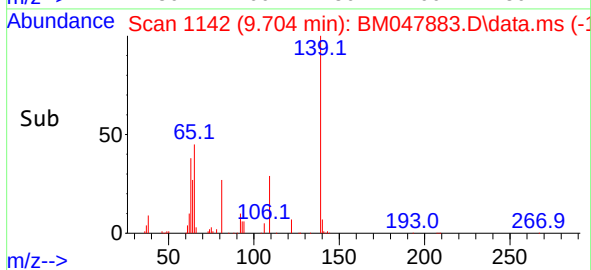
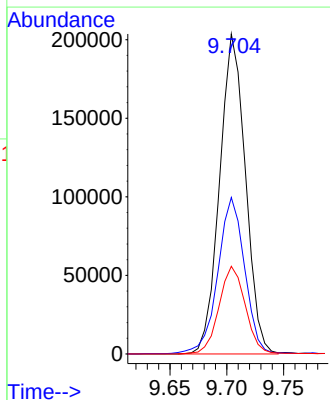
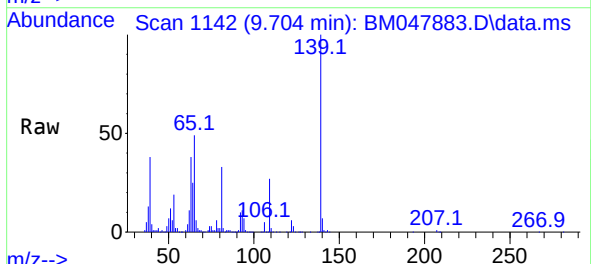
Manual Integrations  
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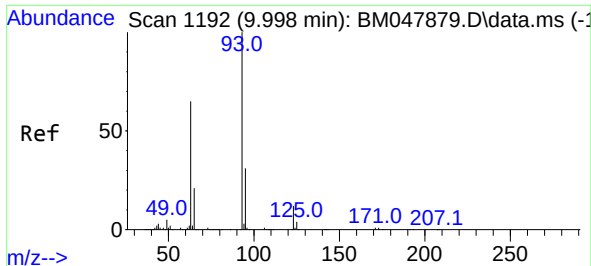
Reviewed By :Yogesh Patel 10/08/2024  
Supervised By :mohammad ahmed 10/11/2024



#25  
2-Nitrophenol  
Concen: 42.987 ng/ul  
RT: 9.704 min Scan# 1142  
Delta R.T. -0.006 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31

Tgt Ion:139 Resp: 322641  
Ion Ratio Lower Upper  
139 100  
65 48.9 49.6 74.4#  
109 27.4 23.4 35.2





#27

Bis(2-Chloroethoxy)methane

Concen: 144.161 ng/ul

RT: 10.004 min Scan# 1193

Delta R.T. 0.000 min

Lab File: BM047883.D

Acq: 07 Oct 2024 13:31

Instrument :

BNA\_M

ClientSampleId :

A4E67

Tgt Ion: 93 Resp: 3067498

Ion Ratio Lower Upper

93 100

95 33.0 27.1 40.7

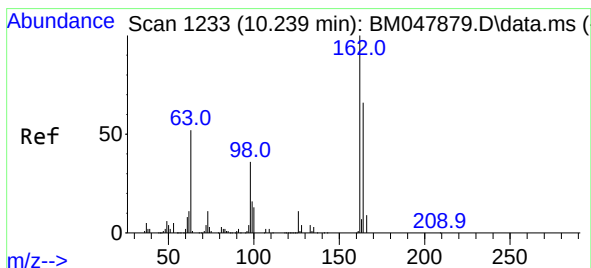
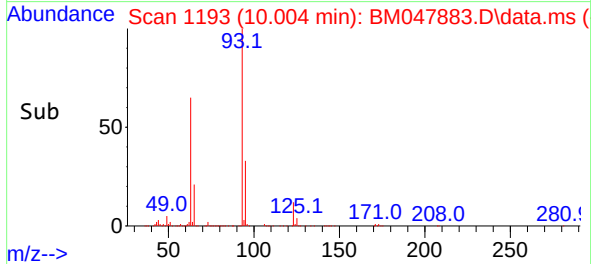
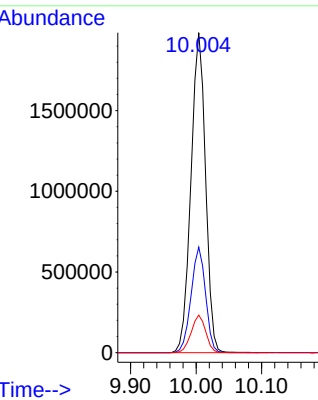
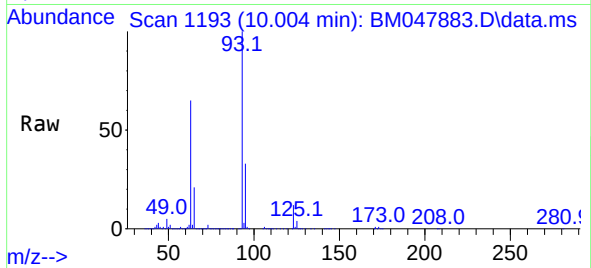
123 11.7 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/08/2024

Supervised By :mohammad ahmed 10/11/2024



#29

2,4-Dichlorophenol

Concen: 95.360 ng/ul

RT: 10.245 min Scan# 1234

Delta R.T. 0.006 min

Lab File: BM047883.D

Acq: 07 Oct 2024 13:31

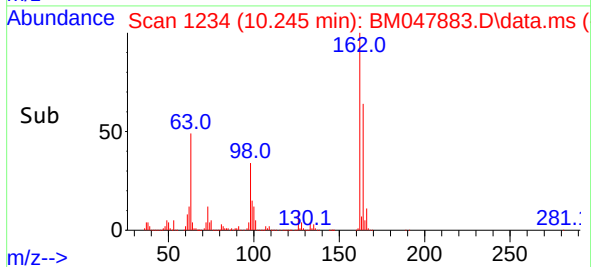
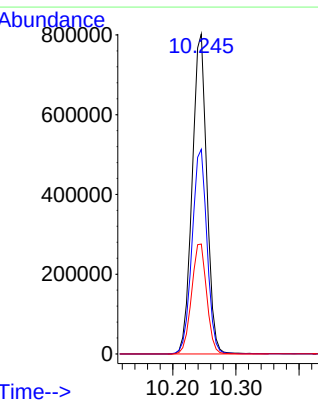
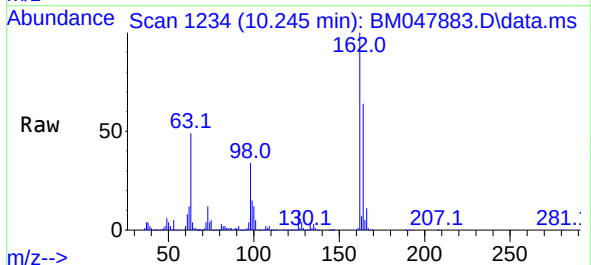
Tgt Ion:162 Resp: 1290497

Ion Ratio Lower Upper

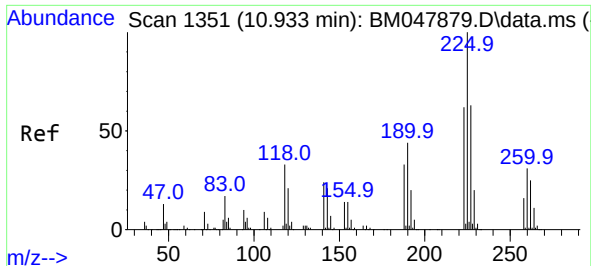
162 100

164 63.9 52.2 78.2

98 34.3 30.6 46.0

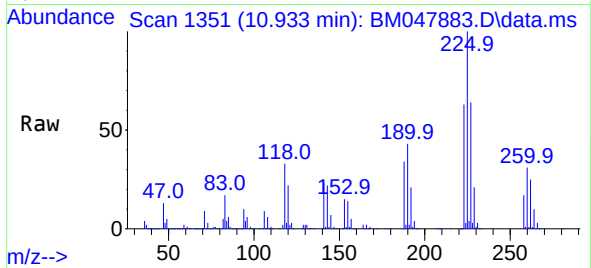






#33  
Hexachlorobutadiene  
Concen: 118.021 ng/ul  
RT: 10.933 min Scan# 1351  
Delta R.T. 0.000 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31

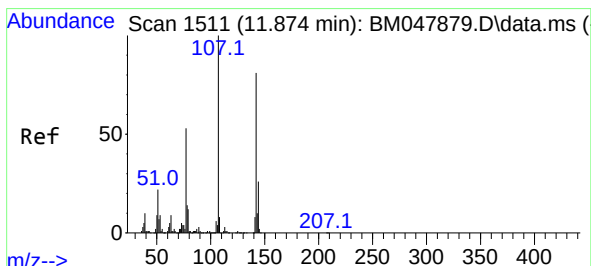
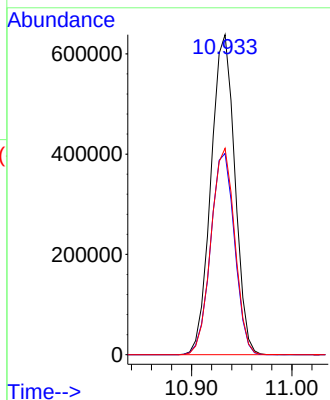
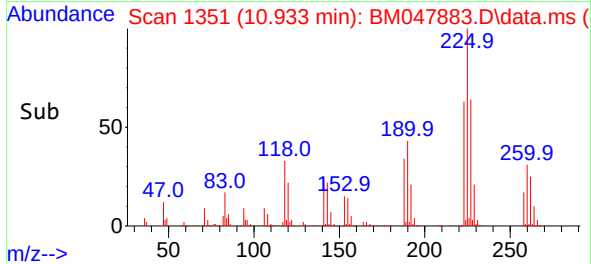
Instrument :  
BNA\_M  
ClientSampleId :  
A4E67



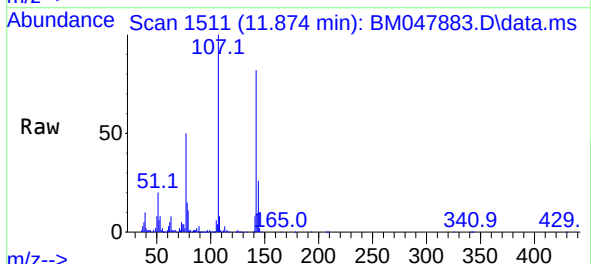
Tgt Ion:225 Resp: 1055289  
Ion Ratio Lower Upper  
225 100  
223 62.9 50.3 75.5  
227 64.5 49.1 73.7

Manual Integrations  
APPROVED

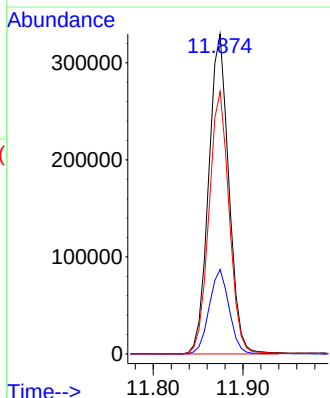
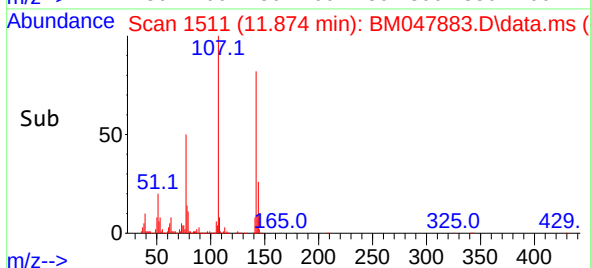
Reviewed By :Yogesh Patel 10/08/2024  
Supervised By :mohammad ahmed 10/11/2024

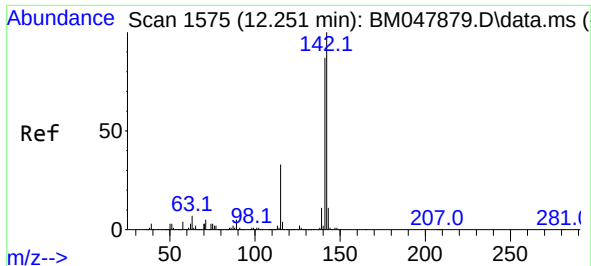


#35  
4-Chloro-3-methylphenol  
Concen: 36.728 ng/ul  
RT: 11.874 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31



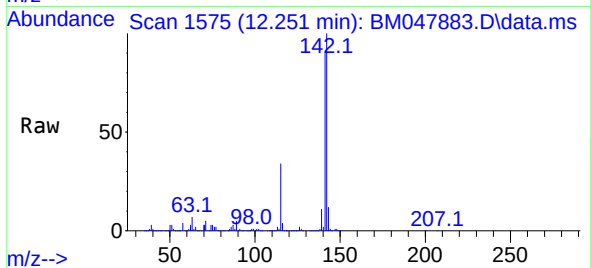
Tgt Ion:107 Resp: 514505  
Ion Ratio Lower Upper  
107 100  
144 26.4 18.7 28.1  
142 82.0 62.7 94.1





#36  
2-Methylnaphthalene  
Concen: 48.301 ng/ul  
RT: 12.251 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31

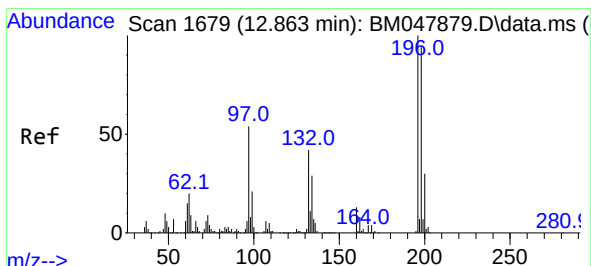
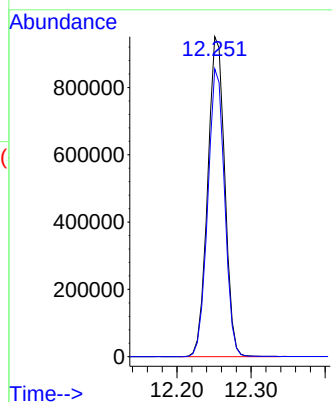
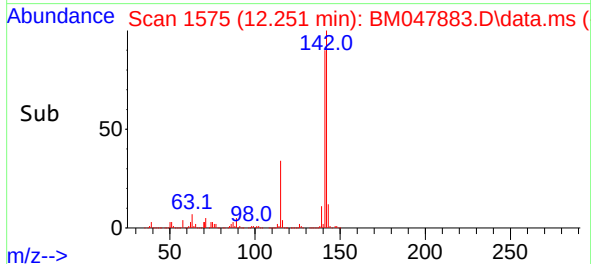
Instrument :  
BNA\_M  
ClientSampleId :  
A4E67



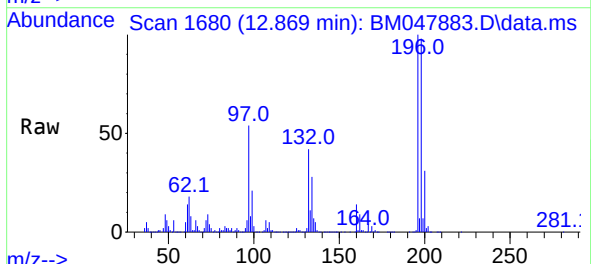
Tgt Ion:142 Resp: 1517884  
Ion Ratio Lower Upper  
142 100  
141 89.9 72.5 108.7

Manual Integrations  
APPROVED

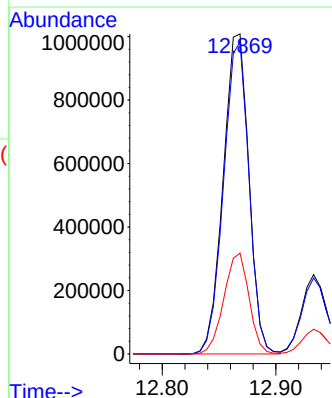
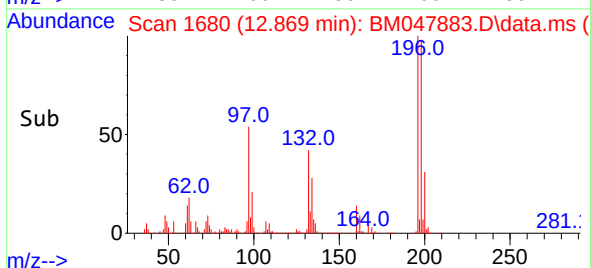
Reviewed By :Yogesh Patel 10/08/2024  
Supervised By :mohammad ahmed 10/11/2024

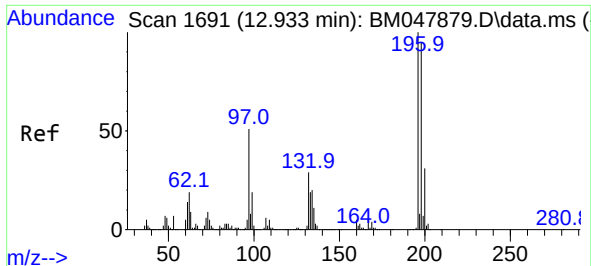


#41  
2,4,6-Trichlorophenol  
Concen: 161.020 ng/ul  
RT: 12.869 min Scan# 1680  
Delta R.T. 0.000 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31



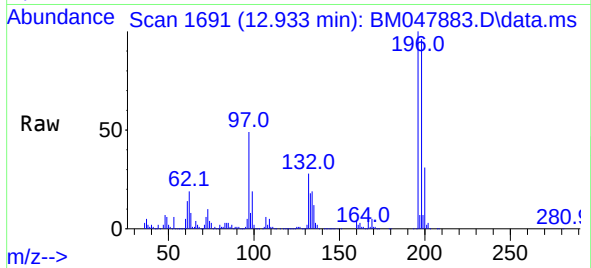
Tgt Ion:196 Resp: 1587962  
Ion Ratio Lower Upper  
196 100  
198 97.6 77.1 115.7  
200 31.5 24.5 36.7





#42  
2,4,5-Trichlorophenol  
Concen: 35.046 ng/ul  
RT: 12.933 min Scan# 1691  
Delta R.T. -0.006 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31

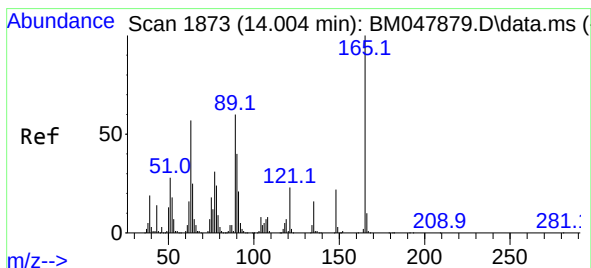
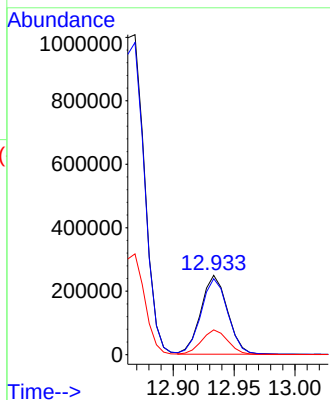
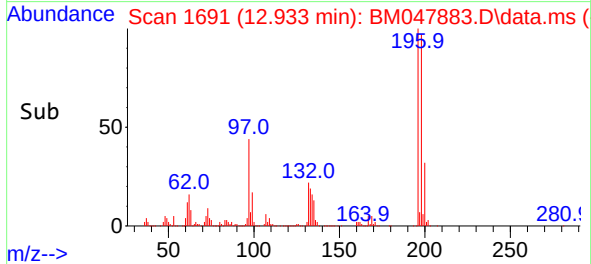
Instrument :  
BNA\_M  
ClientSampleId :  
A4E67



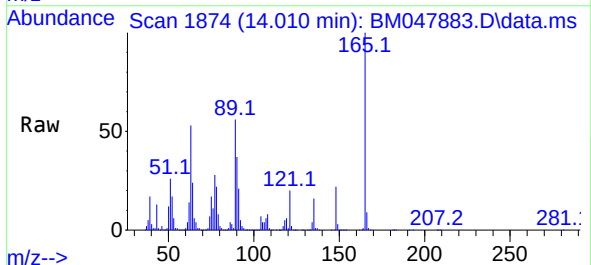
Tgt Ion:196 Resp: 377930  
Ion Ratio Lower Upper  
196 100  
198 95.7 79.5 119.3  
200 31.3 25.8 38.8

Manual Integrations  
APPROVED

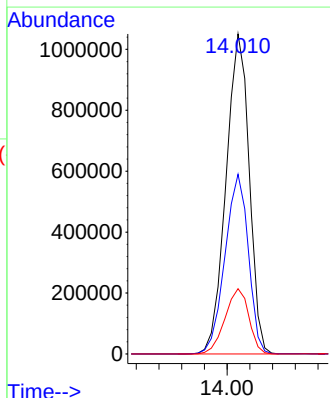
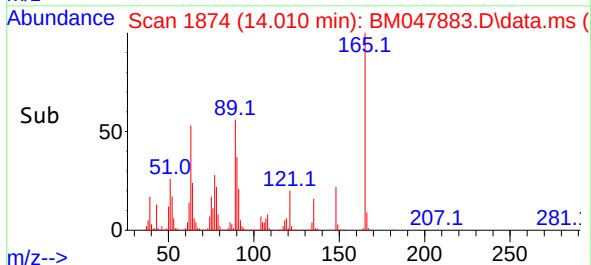
Reviewed By :Yogesh Patel 10/08/2024  
Supervised By :mohammad ahmed 10/11/2024

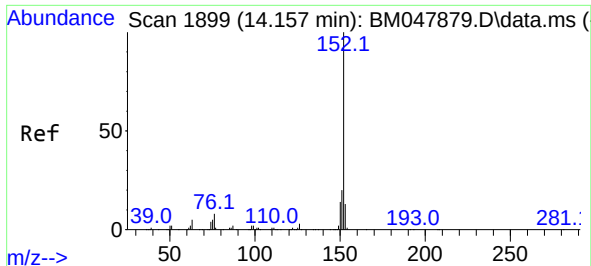


#48  
2,6-Dinitrotoluene  
Concen: 220.570 ng/ul  
RT: 14.010 min Scan# 1874  
Delta R.T. 0.000 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31



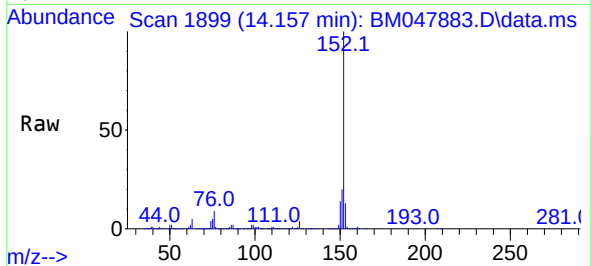
Tgt Ion:165 Resp: 1489249  
Ion Ratio Lower Upper  
165 100  
89 56.1 58.5 87.7#  
121 20.4 20.2 30.2





#50  
Acenaphthylene  
Concen: 17.010 ng/u1  
RT: 14.157 min Scan# 1899  
Delta R.T. 0.000 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31

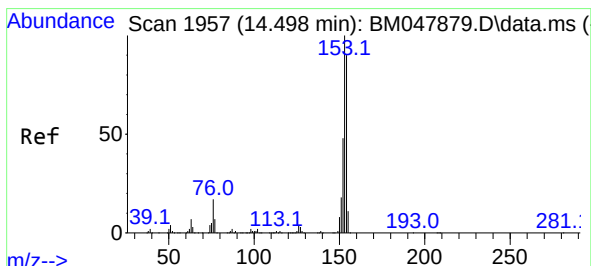
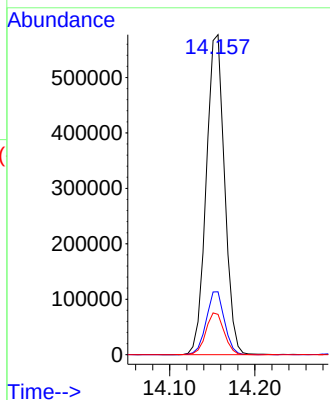
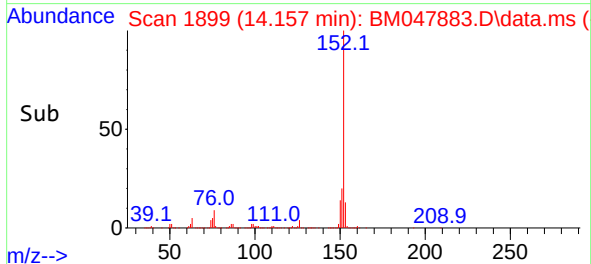
Instrument :  
BNA\_M  
ClientSampleId :  
A4E67



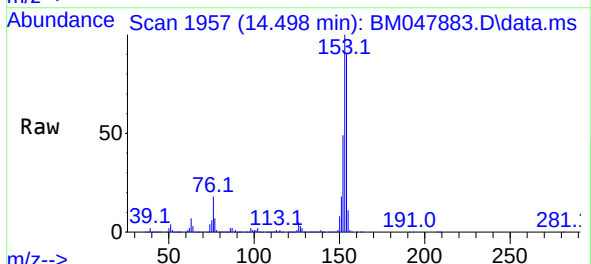
Tgt Ion:152 Resp: 86343  
Ion Ratio Lower Upper  
152 100  
151 19.6 16.2 24.2  
153 12.6 10.7 16.1

Manual Integrations  
APPROVED

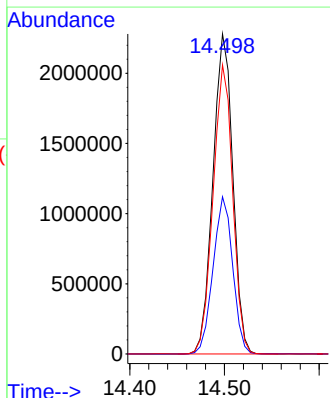
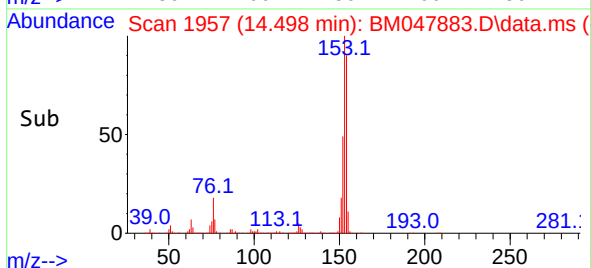
Reviewed By :Yogesh Patel 10/08/2024  
Supervised By :mohammad ahmed 10/11/2024

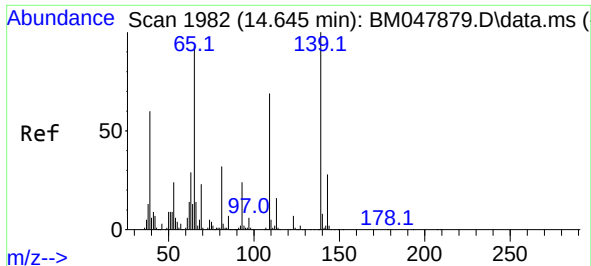


#52  
Acenaphthene  
Concen: 92.657 ng/u1  
RT: 14.498 min Scan# 1957  
Delta R.T. 0.000 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31



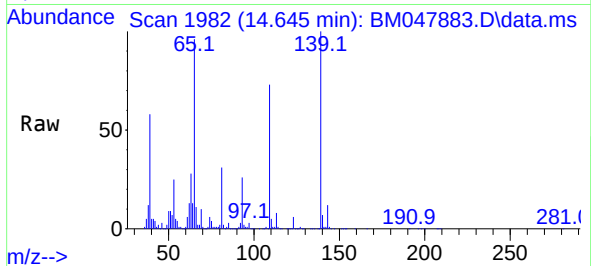
Tgt Ion:153 Resp: 3324676  
Ion Ratio Lower Upper  
153 100  
152 49.1 39.7 59.5  
154 90.3 72.6 108.8





#55  
4-Nitrophenol  
Concen: 60.494 ng/ul  
RT: 14.645 min Scan# 1982  
Delta R.T. 0.000 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31

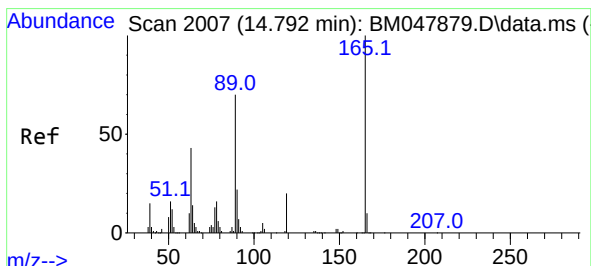
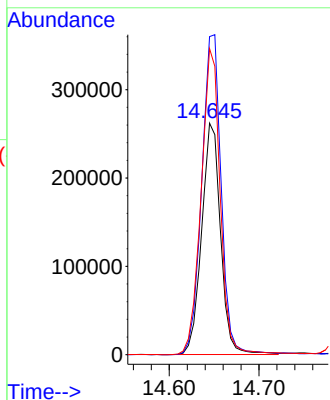
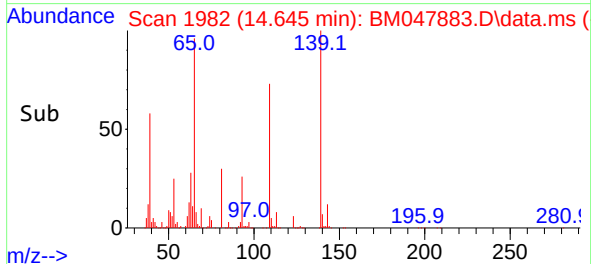
Instrument :  
BNA\_M  
ClientSampleId :  
A4E67



Tgt Ion:109 Resp: 383880  
Ion Ratio Lower Upper  
109 100  
139 137.4 105.7 158.5  
65 132.2 123.1 184.7

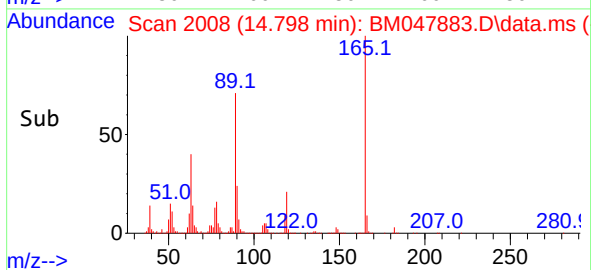
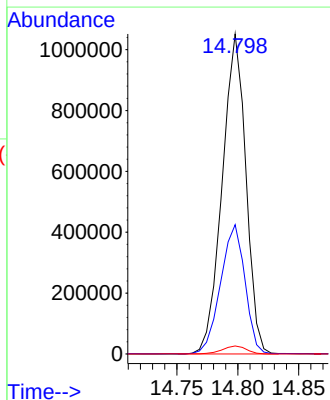
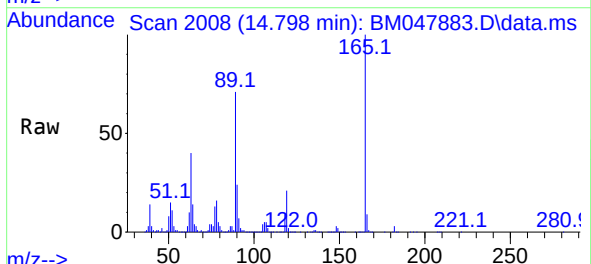
Manual Integrations  
APPROVED

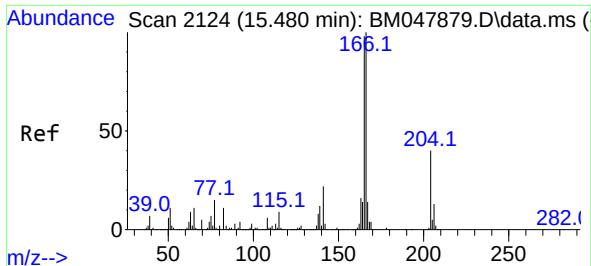
Reviewed By :Yogesh Patel 10/08/2024  
Supervised By :mohammad ahmed 10/11/2024



#57  
2,4-Dinitrotoluene  
Concen: 140.484 ng/ul  
RT: 14.798 min Scan# 2008  
Delta R.T. 0.006 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31

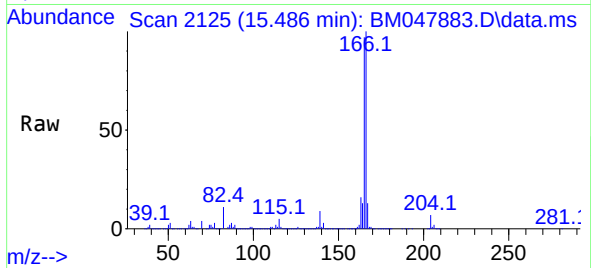
Tgt Ion:165 Resp: 1424616  
Ion Ratio Lower Upper  
165 100  
63 40.4 45.8 68.6#  
182 2.5 1.7 2.5#





#61  
Fluorene  
Concen: 129.047 ng/u1  
RT: 15.486 min Scan# 2125  
Delta R.T. 0.006 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31

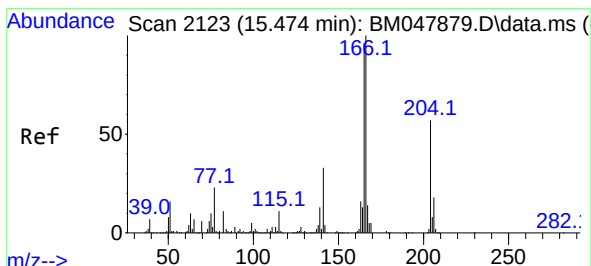
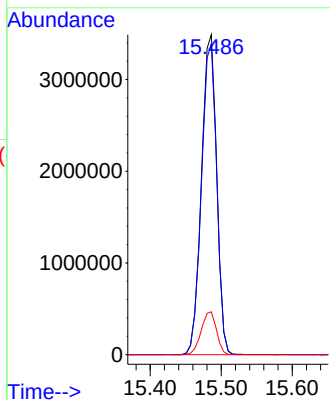
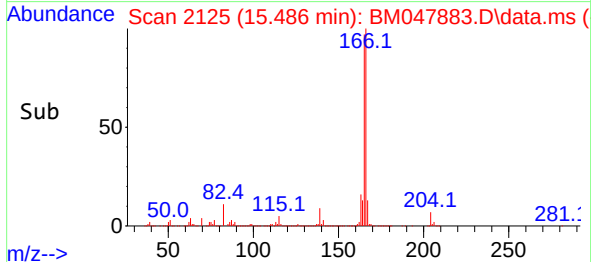
Instrument :  
BNA\_M  
ClientSampleId :  
A4E67



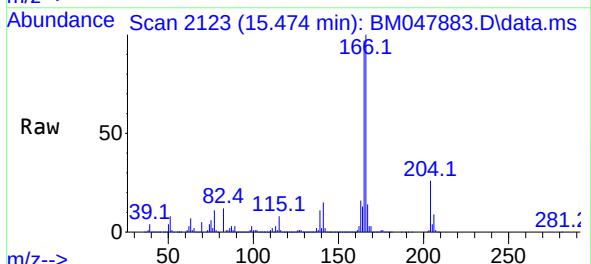
Tgt Ion:166 Resp: 520002  
Ion Ratio Lower Upper  
166 100  
165 97.1 77.8 116.6  
167 13.4 10.8 16.2

Manual Integrations  
APPROVED

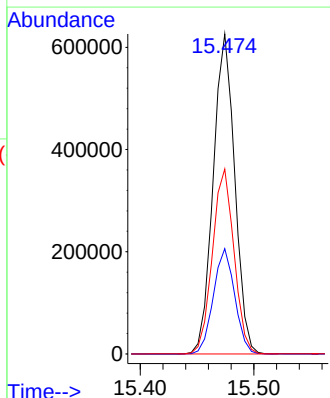
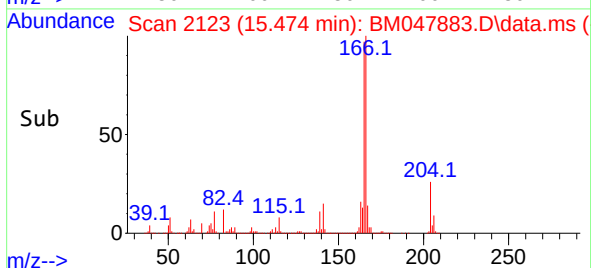
Reviewed By :Yogesh Patel 10/08/2024  
Supervised By :mohammad ahmed 10/11/2024

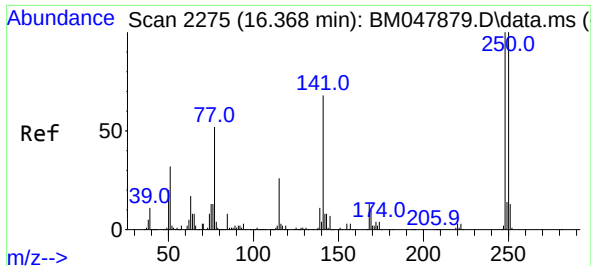


#62  
4-Chlorophenyl-phenylether  
Concen: 43.362 ng/u1  
RT: 15.474 min Scan# 2123  
Delta R.T. 0.000 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31



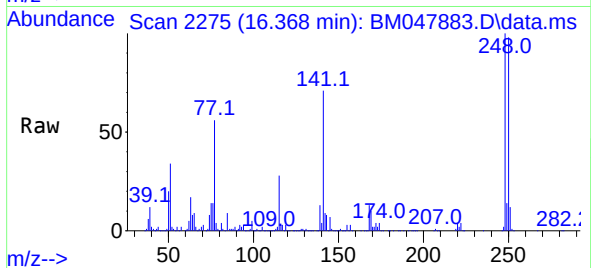
Tgt Ion:204 Resp: 825657  
Ion Ratio Lower Upper  
204 100  
206 32.9 27.0 40.4  
141 57.8 49.2 73.8





#68  
4-Bromophenyl-phenylether  
Concen: 35.034 ng/ul  
RT: 16.368 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31

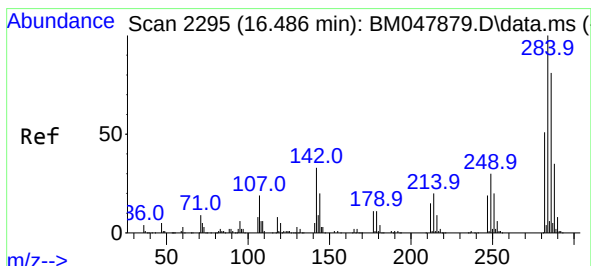
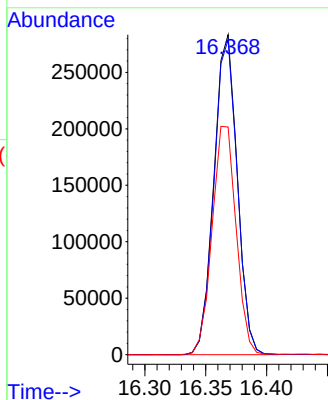
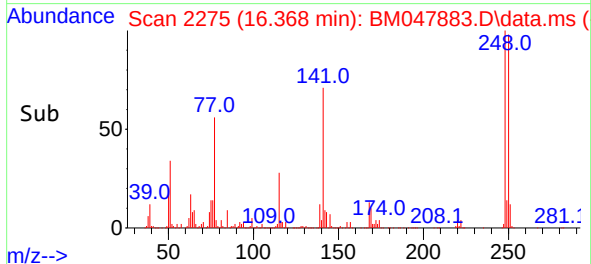
Instrument :  
BNA\_M  
ClientSampleId :  
A4E67



Tgt Ion:248 Resp: 37854  
Ion Ratio Lower Upper  
248 100  
250 98.5 76.5 114.7  
141 71.1 60.8 91.2

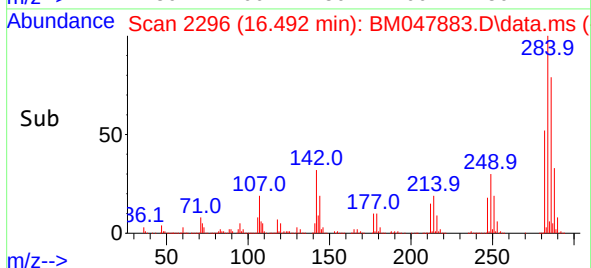
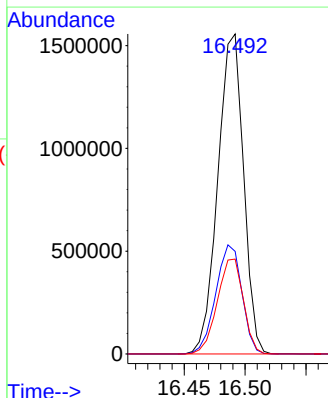
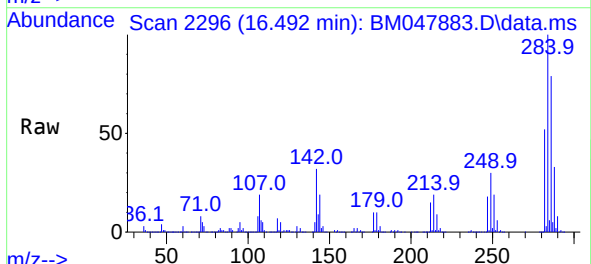
Manual Integrations  
APPROVED

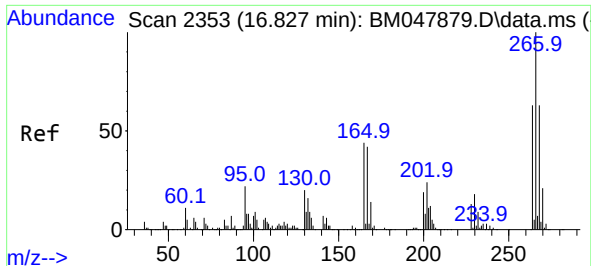
Reviewed By :Yogesh Patel 10/08/2024  
Supervised By :mohammad ahmed 10/11/2024



#69  
Hexachlorobenzene  
Concen: 181.776 ng/ul  
RT: 16.492 min Scan# 2296  
Delta R.T. 0.006 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31

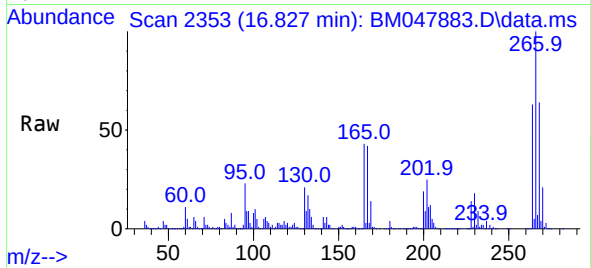
Tgt Ion:284 Resp: 2285647  
Ion Ratio Lower Upper  
284 100  
142 32.0 32.4 48.6#  
249 29.7 26.3 39.5





#71  
Pentachlorophenol  
Concen: 175.506 ng/u1  
RT: 16.827 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31

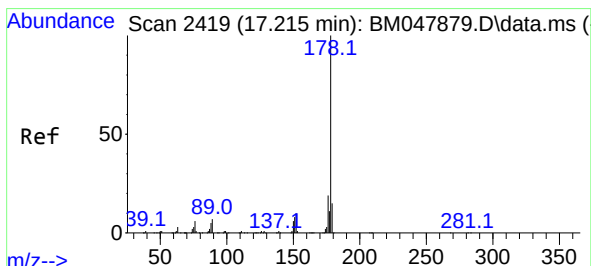
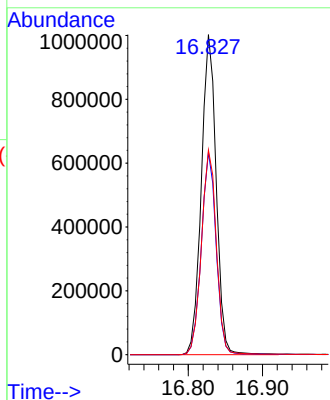
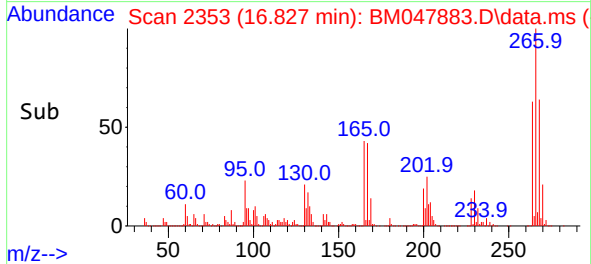
Instrument :  
BNA\_M  
ClientSampleId :  
A4E67



Tgt Ion:266 Resp: 1403258  
Ion Ratio Lower Upper  
266 100  
264 63.3 50.2 75.2  
268 64.0 50.9 76.3

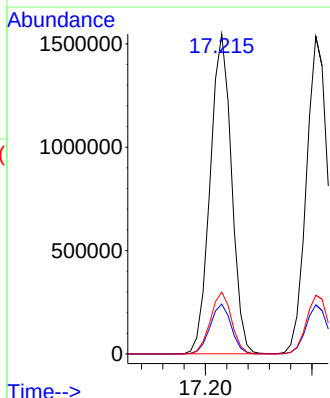
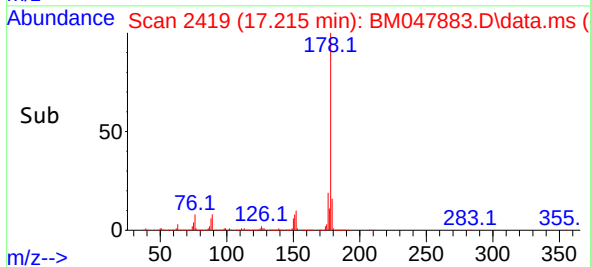
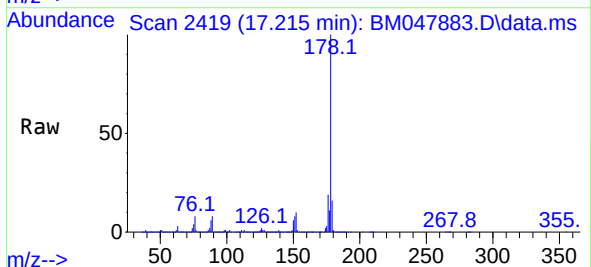
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/08/2024  
Supervised By :mohammad ahmed 10/11/2024

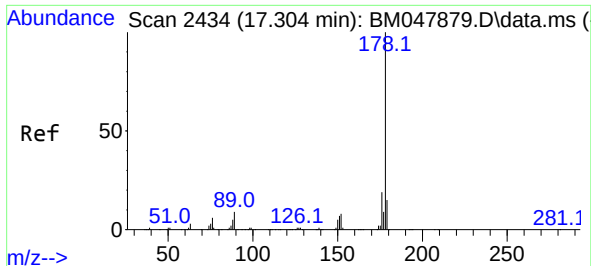


#72  
Phenanthrene  
Concen: 35.031 ng/u1  
RT: 17.215 min Scan# 2419  
Delta R.T. 0.000 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31

Tgt Ion:178 Resp: 2153409  
Ion Ratio Lower Upper  
178 100  
179 15.6 12.0 18.0  
176 19.3 15.4 23.0

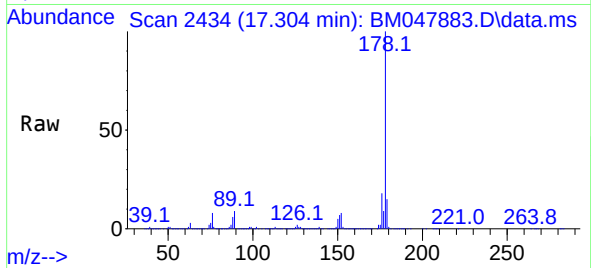






#74  
Anthracene  
Concen: 34.323 ng/ul  
RT: 17.304 min Scan# 2434  
Delta R.T. 0.000 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31

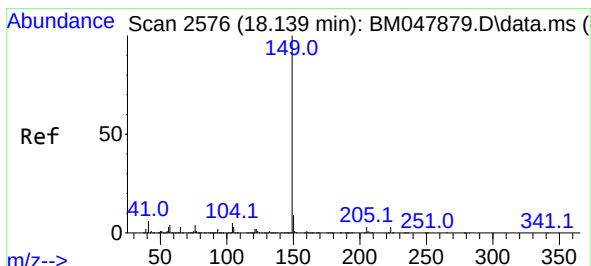
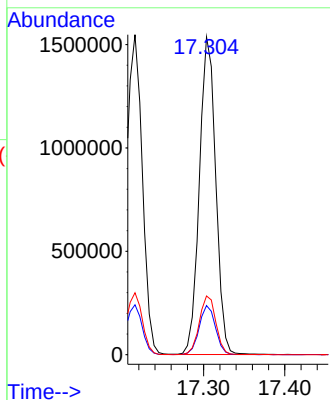
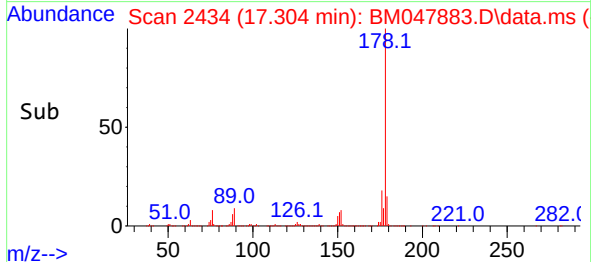
Instrument :  
BNA\_M  
ClientSampleId :  
A4E67



Tgt Ion:178 Resp: 2151933  
Ion Ratio Lower Upper  
178 100  
179 15.5 12.4 18.6  
176 18.5 14.7 22.1

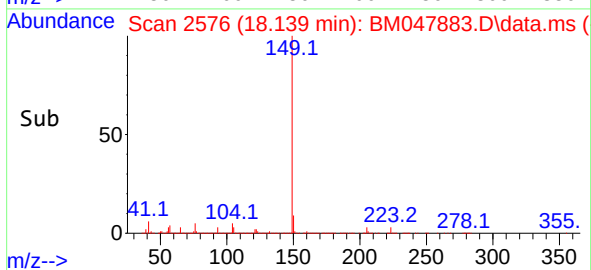
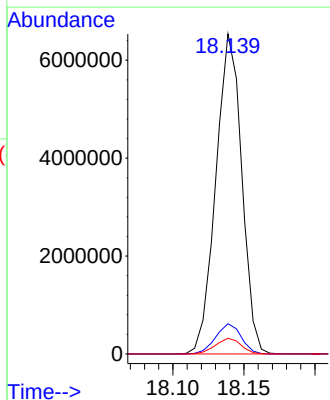
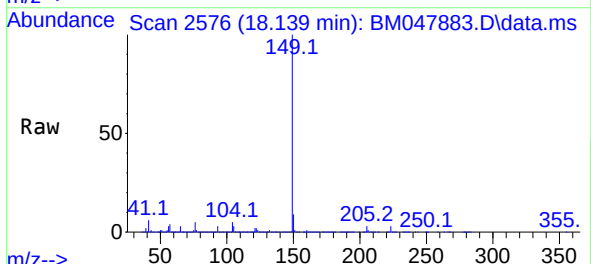
Manual Integrations  
APPROVED

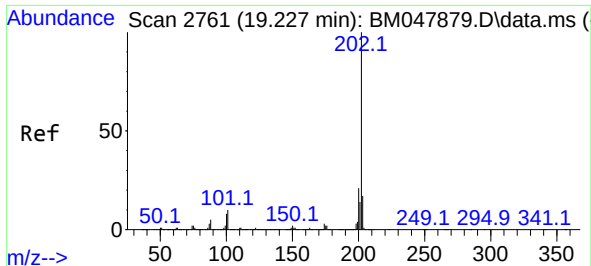
Reviewed By :Yogesh Patel 10/08/2024  
Supervised By :mohammad ahmed 10/11/2024



#78  
Di-n-butylphthalate  
Concen: 130.774 ng/ul  
RT: 18.139 min Scan# 2576  
Delta R.T. 0.000 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31

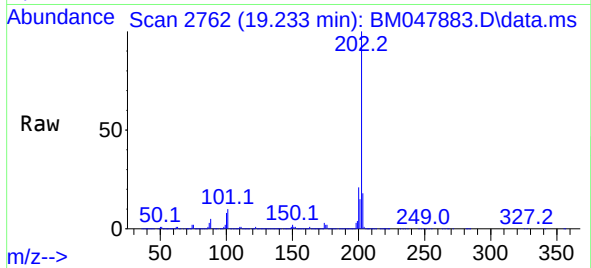
Tgt Ion:149 Resp: 8273852  
Ion Ratio Lower Upper  
149 100  
150 9.5 7.4 11.2  
104 4.9 4.6 7.0





#80  
Fluoranthene  
Concen: 128.225 ng/u1  
RT: 19.233 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31

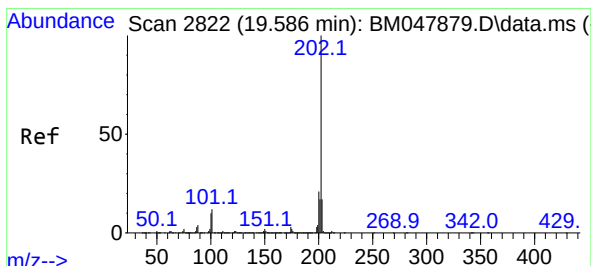
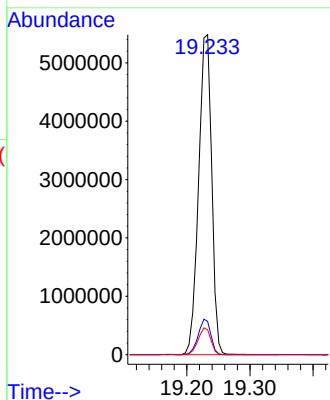
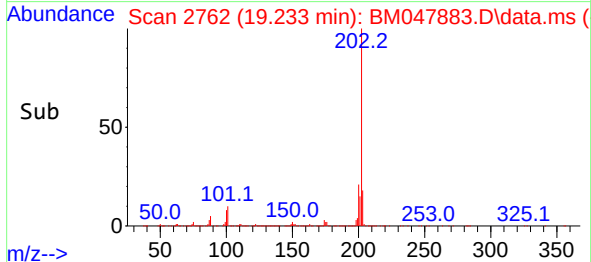
Instrument :  
BNA\_M  
ClientSampleId :  
A4E67



Tgt Ion:202 Resp: 787442  
Ion Ratio Lower Upper  
202 100  
101 10.4 9.0 13.4  
100 7.8 6.8 10.2

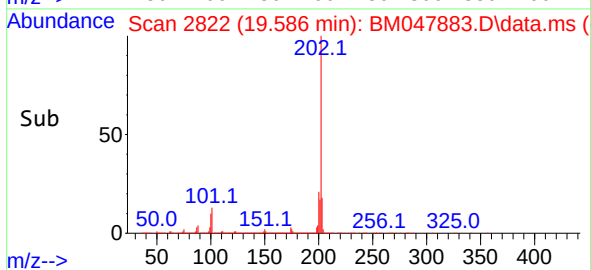
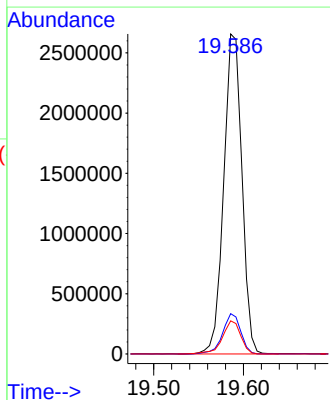
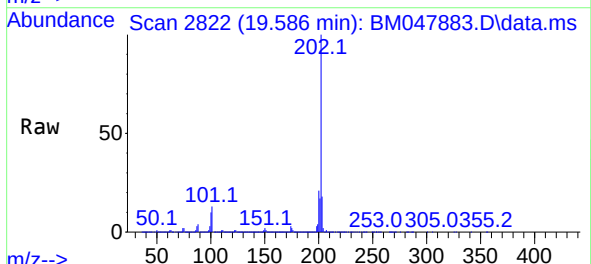
Manual Integrations  
APPROVED

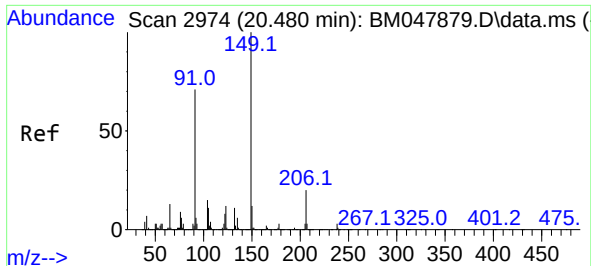
Reviewed By :Yogesh Patel 10/08/2024  
Supervised By :mohammad ahmed 10/11/2024



#82  
Pyrene  
Concen: 54.609 ng/u1  
RT: 19.586 min Scan# 2822  
Delta R.T. 0.000 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31

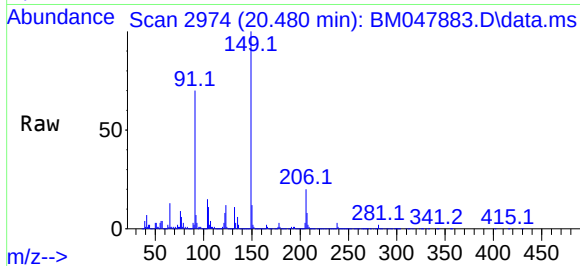
Tgt Ion:202 Resp: 3732577  
Ion Ratio Lower Upper  
202 100  
101 12.6 10.9 16.3  
100 10.4 9.4 14.2





#83  
Butylbenzylphthalate  
Concen: 40.075 ng/ul  
RT: 20.480 min Scan# 2974  
Delta R.T. 0.000 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31

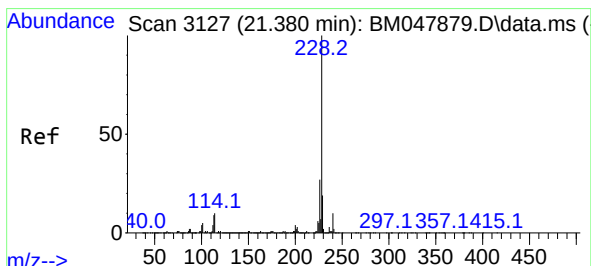
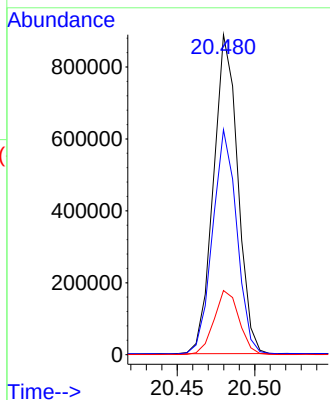
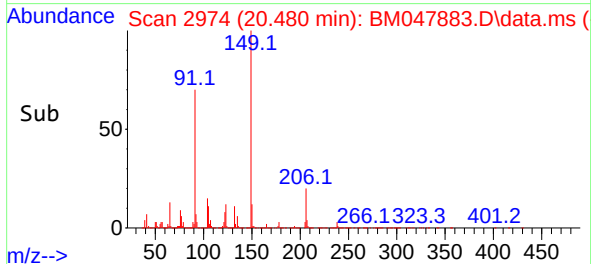
Instrument :  
BNA\_M  
ClientSampleId :  
A4E67



Tgt Ion:149 Resp: 968370  
Ion Ratio Lower Upper  
149 100  
91 70.3 66.9 100.3  
206 20.1 14.4 21.6

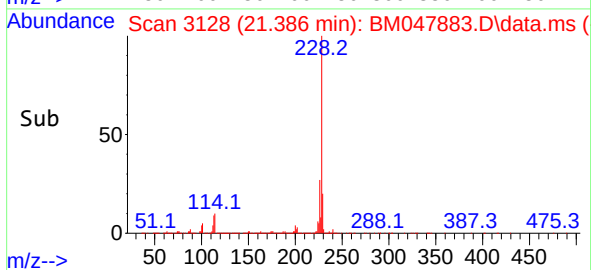
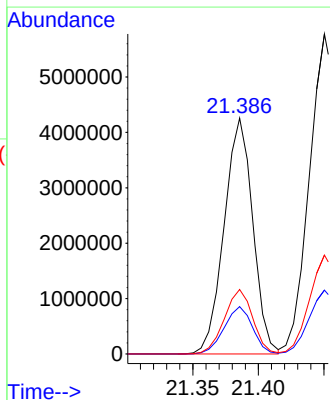
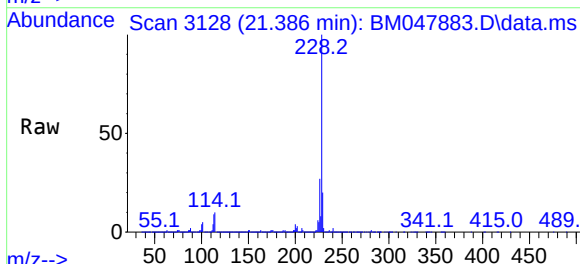
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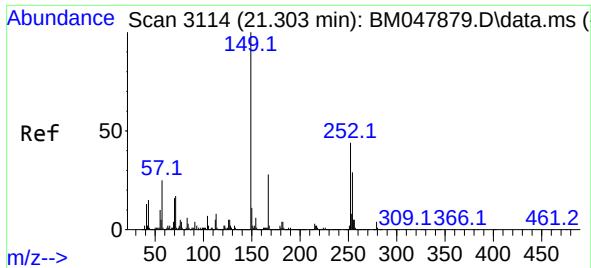
Reviewed By :Yogesh Patel 10/08/2024  
Supervised By :mohammad ahmed 10/11/2024



#85  
Benzo(a)anthracene  
Concen: 100.486 ng/ul  
RT: 21.386 min Scan# 3128  
Delta R.T. 0.006 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31

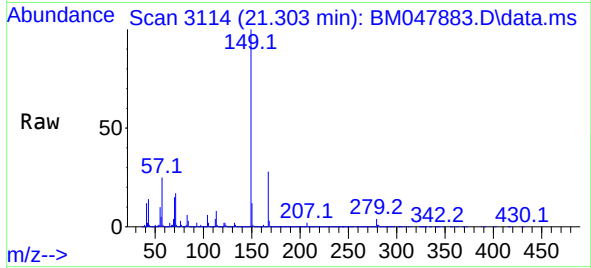
Tgt Ion:228 Resp: 6463940  
Ion Ratio Lower Upper  
228 100  
229 20.1 15.6 23.4  
226 27.3 21.9 32.9





#86  
Bis(2-ethylhexyl)phthalate  
Concen: 156.272 ng/ul  
RT: 21.303 min Scan# 3114  
Delta R.T. 0.000 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31

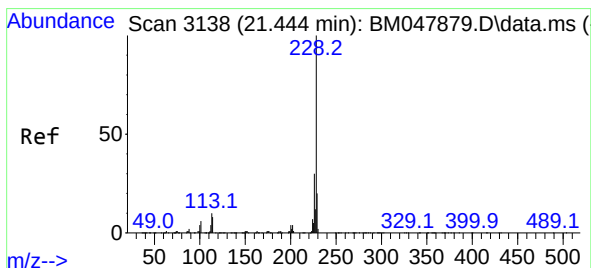
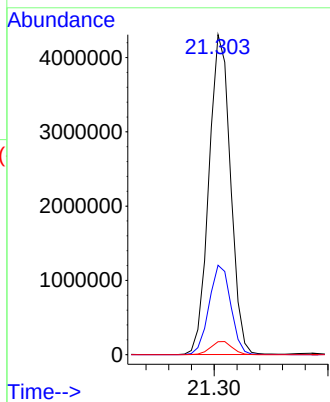
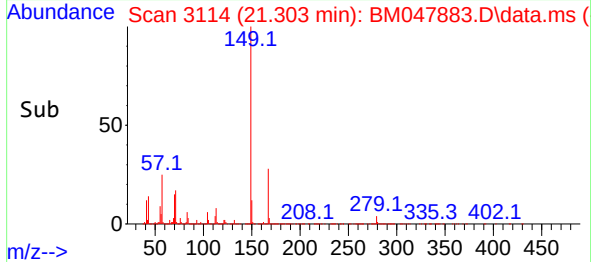
Instrument :  
BNA\_M  
ClientSampleId :  
A4E67



Tgt Ion:149 Resp: 566951  
Ion Ratio Lower Upper  
149 100  
167 28.0 21.3 31.9  
279 4.0 2.7 4.1

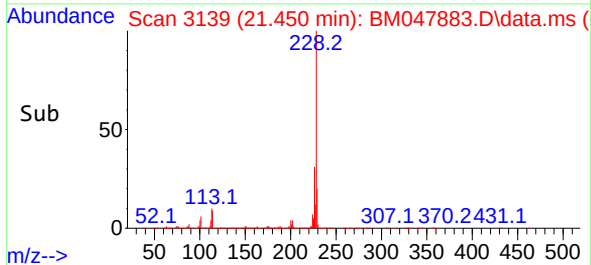
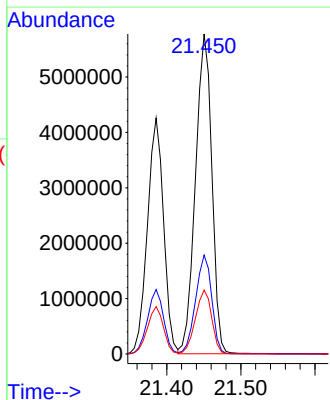
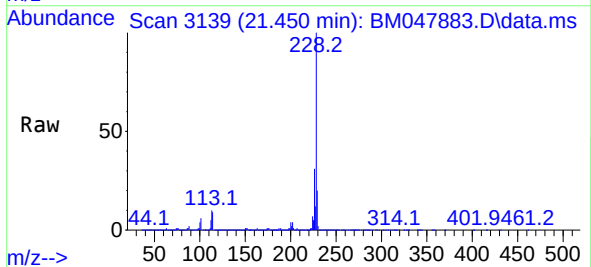
Manual Integrations  
APPROVED

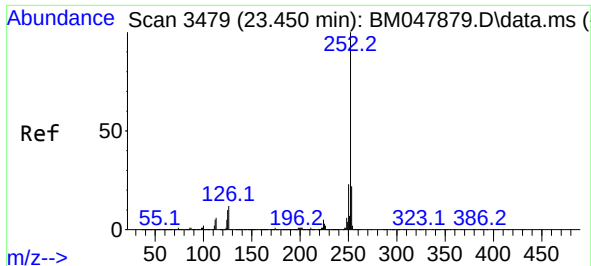
Reviewed By :Yogesh Patel 10/08/2024  
Supervised By :mohammad ahmed 10/11/2024



#87  
Chrysene  
Concen: 141.394 ng/ul  
RT: 21.450 min Scan# 3139  
Delta R.T. 0.012 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31

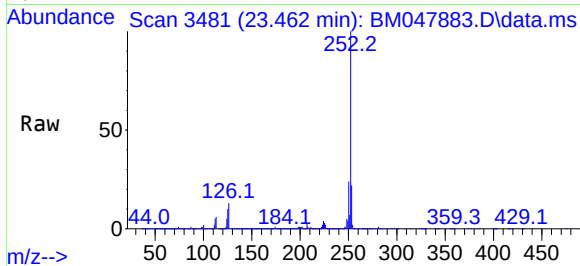
Tgt Ion:228 Resp: 8867020  
Ion Ratio Lower Upper  
228 100  
226 30.9 23.6 35.4  
229 19.9 15.3 22.9





#90  
Benzo(b)fluoranthene  
Concen: 128.580 ng/u1  
RT: 23.462 min Scan# 3479  
Delta R.T. 0.012 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31

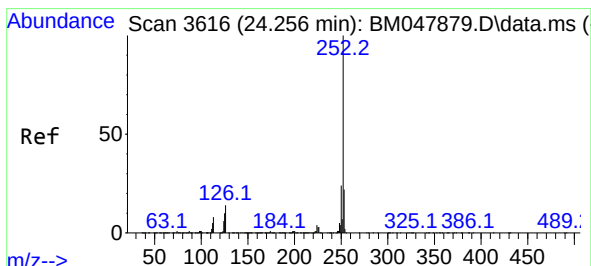
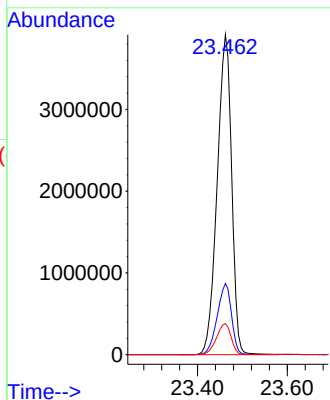
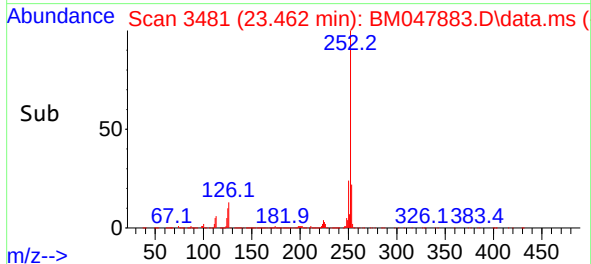
Instrument :  
BNA\_M  
ClientSampleId :  
A4E67



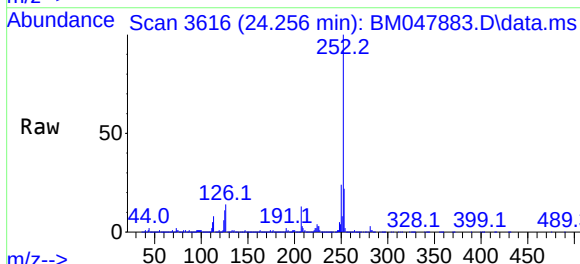
Tgt Ion:252 Resp: 8769404  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.4 26.2  
125 9.7 9.0 13.4

Manual Integrations  
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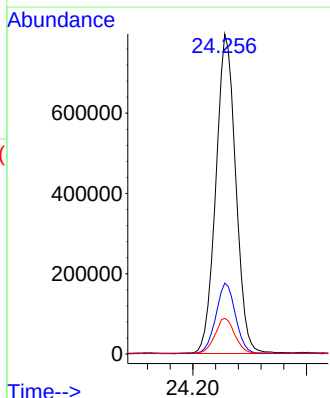
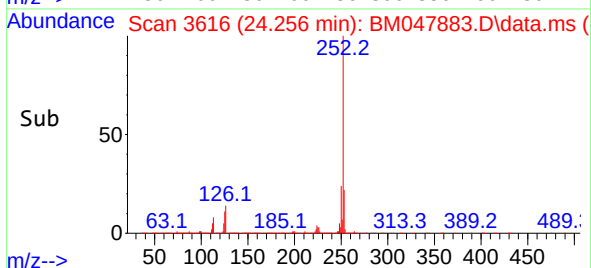
Reviewed By :Yogesh Patel 10/08/2024  
Supervised By :mohammad ahmed 10/11/2024

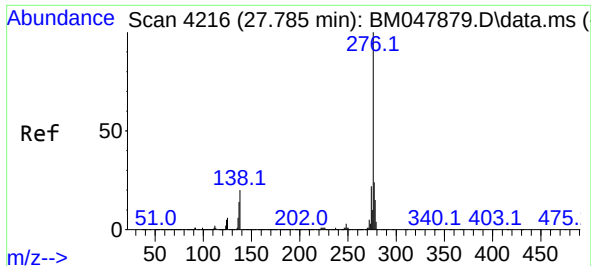


#93  
Benzo(a)pyrene  
Concen: 29.873 ng/u1  
RT: 24.256 min Scan# 3616  
Delta R.T. 0.000 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31



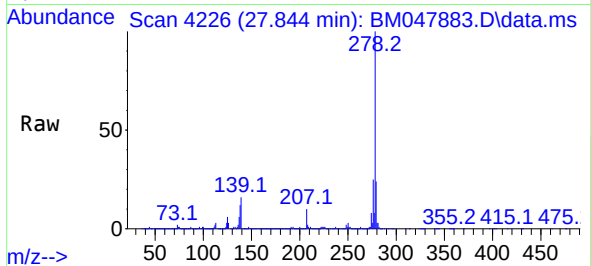
Tgt Ion:252 Resp: 1934989  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.2 25.8  
125 11.1 10.1 15.1





#94  
Indeno(1,2,3-cd)pyrene  
Concen: 24.061 ng/ul m  
RT: 27.844 min Scan# 4226  
Delta R.T. 0.065 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31

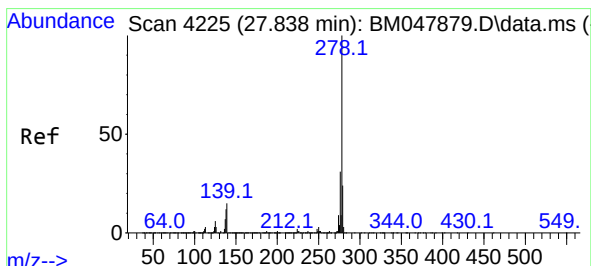
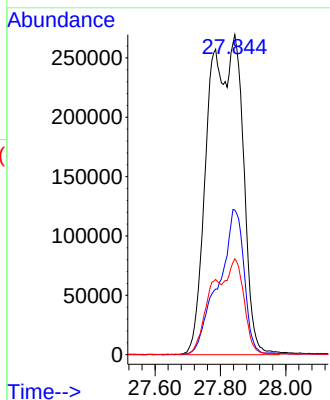
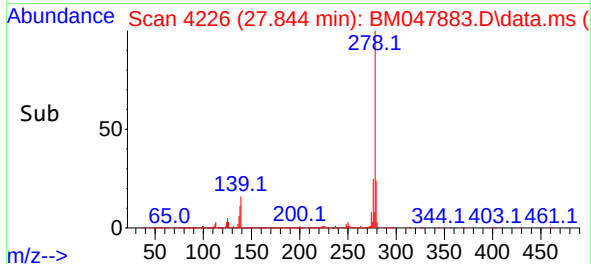
Instrument :  
BNA\_M  
ClientSampleId :  
A4E67



Tgt Ion:276 Resp: 199726  
Ion Ratio Lower Upper  
276 100  
138 45.2 16.9 25.3  
277 29.9 18.9 28.3

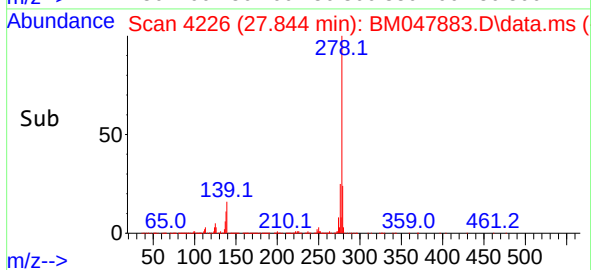
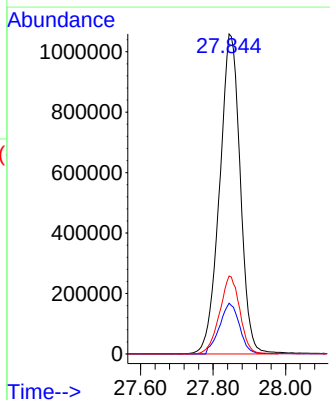
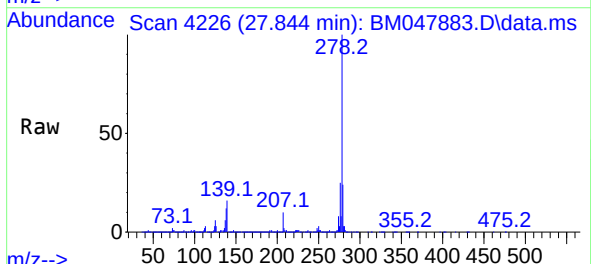
Manual Integrations  
APPROVED

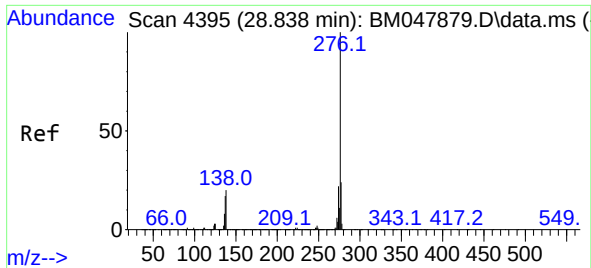
Reviewed By :Yogesh Patel 10/08/2024  
Supervised By :mohammad ahmed 10/11/2024



#95  
Dibenzo(a,h)anthracene  
Concen: 61.412 ng/ul  
RT: 27.844 min Scan# 4226  
Delta R.T. 0.006 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31

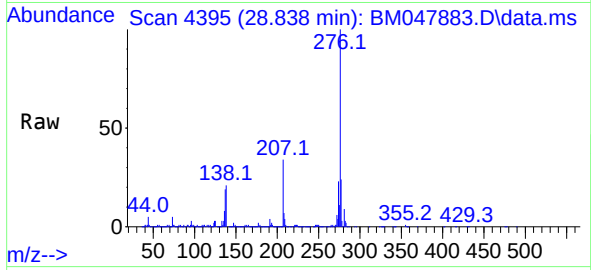
Tgt Ion:278 Resp: 4177638  
Ion Ratio Lower Upper  
278 100  
139 15.8 13.4 20.2  
279 24.3 18.4 27.6





#96  
Benzo(g,h,i)perylene  
Concen: 21.699 ng/ul  
RT: 28.838 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: BM047883.D  
Acq: 07 Oct 2024 13:31

Instrument :  
BNA\_M  
ClientSampleId :  
A4E67



Tgt Ion:276 Resp: 1411210  
Ion Ratio Lower Upper  
276 100  
138 20.8 18.7 28.1  
277 23.7 18.3 27.5

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/08/2024  
Supervised By :mohammad ahmed 10/11/2024

