

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110723\  
 Data File : BP017924.D  
 Acq On : 07 Nov 2023 10:25  
 Operator : MA/JU  
 Sample : 05168-09  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 XA020

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/09/2023  
 Supervised By :mohammad ahmed 11/11/2023

Quant Time: Nov 08 01:12:15 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP110623.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Nov 07 03:40:56 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.852  | 152  | 64448    | 20.000  | ng/u1  | -0.01    |
| 20) Naphthalene-d8            | 10.675 | 136  | 262948   | 20.000  | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.528 | 164  | 170347   | 20.000  | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.304 | 188  | 377104   | 20.000  | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.427 | 240  | 368076   | 20.000  | ng/u1  | 0.01     |
| 88) Perylene-d12              | 23.910 | 264  | 394482   | 20.000  | ng/u1  | 0.01     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.240  | 96   | 7754     | 4.605   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.000   | ng/u1  |          |
| 7) Phenol-d5                  | 7.016  | 99   | 176939   | 29.277  | ng/u1  | -0.01    |
| 9) Bis-(2-Chloroethyl)eth...  | 7.205  | 67   | 104462   | 28.654  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.375  | 132  | 138271   | 29.774  | ng/u1  | -0.01    |
| 15) 4-Methylphenol-d8         | 8.581  | 113  | 142507   | 28.528  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.058  | 128  | 71376    | 33.967  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.769  | 143  | 81649    | 33.735  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.293 | 165  | 157445   | 35.485  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.852 | 131  | 145347   | 22.605  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.946 | 166  | 510373   | 34.169  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.228 | 160  | 562432   | 34.315  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.781 | 143  | 86521    | 37.674  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.528 | 176  | 431304   | 34.499  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.675 | 200  | 78010    | 28.288  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.404 | 188  | 690303m  | 35.207  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.651 | 212  | 823534   | 35.246  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.745 | 264  | 783558   | 35.549  | ng/u1  | 0.01     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 8) Phenol                     | 7.052  | 94   | 1081653  | 181.934 | ng/u1  | 97       |
| 10) Bis(2-Chloroethyl)ether   | 7.299  | 93   | 255694   | 53.700  | ng/u1  | 96       |
| 12) 2-Chlorophenol            | 7.411  | 128  | 546191   | 118.431 | ng/u1  | 99       |
| 17) N-Nitroso-di-n-propyla... | 8.681  | 70   | 684322   | 163.114 | ng/u1  | 99       |
| 19) Hexachloroethane          | 8.911  | 117  | 354215   | 153.754 | ng/u1  | 98       |
| 22) Nitrobenzene              | 9.105  | 77   | 350091   | 61.087  | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.805  | 139  | 211800   | 84.561  | ng/u1  | 97       |
| 27) Bis(2-Chloroethoxy)met... | 10.099 | 93   | 563449   | 98.282  | ng/u1  | 98       |
| 29) 2,4-Dichlorophenol        | 10.322 | 162  | 346228   | 80.688  | ng/u1  | 95       |
| 30) Naphthalene               | 10.728 | 128  | 3307979  | 216.757 | ng/u1  | 99       |
| 35) 4-Chloro-3-methylphenol   | 11.975 | 107  | 746084   | 150.192 | ng/u1  | 94       |
| 41) 2,4,6-Trichlorophenol     | 12.951 | 196  | 352901   | 94.604  | ng/u1  | 98       |
| 42) 2,4,5-Trichlorophenol     | 13.022 | 196  | 771476   | 200.836 | ng/u1  | 99       |
| 44) 2-Chloronaphthalene       | 13.404 | 162  | 1009010  | 91.175  | ng/u1  | 98       |
| 48) 2,6-Dinitrotoluene        | 14.157 | 165  | 852922   | 291.725 | ng/u1  | 96       |
| 50) Acenaphthylene            | 14.257 | 152  | 4078448  | 222.321 | ng/u1  | 99       |
| 52) Acenaphthene              | 14.593 | 153  | 1937834  | 159.386 | ng/u1  | 99       |
| 55) 4-Nitrophenol             | 14.798 | 109  | 579830   | 194.600 | ng/u1  | 95       |
| 57) 2,4-Dinitrotoluene        | 14.945 | 165  | 664872   | 152.173 | ng/u1# | 81       |
| 59) Diethylphthalate          | 15.357 | 149  | 3809851  | 248.227 | ng/u1  | 98       |
| 61) Fluorene                  | 15.587 | 166  | 885367   | 62.262  | ng/u1  | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.575 | 204  | 1375197  | 186.872 | ng/u1  | 98       |
| 69) Hexachlorobenzene         | 16.569 | 284  | 1576525  | 309.311 | ng/u1  | 98       |
| 71) Pentachlorophenol         | 16.934 | 266  | 784566   | 253.415 | ng/u1  | 96       |

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Reviewed By :Yogesh Patel 11/09/2023  
 Supervised By :mohammad ahmed 11/11/2023

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|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| 72) Phenanthrene              | 17.345 | 178  | 1527733  | 68.899  | ng/ul  | 99       |
| 74) Anthracene                | 17.439 | 178  | 2145731  | 95.201  | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.239 | 149  | 5875123  | 234.931 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.328 | 202  | 5806188  | 212.927 | ng/ul  | 99       |
| 82) Pyrene                    | 19.686 | 202  | 2671663  | 93.934  | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.410 | 228  | 4086811  | 144.176 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.286 | 149  | 5287460  | 291.800 | ng/ul# | 97       |
| 87) Chrysene                  | 21.469 | 228  | 5356672  | 203.786 | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 23.204 | 252  | 5738382  | 210.168 | ng/ul  | 98       |
| 95) Dibenzo(a,h)anthracene    | 26.592 | 278  | 3370077  | 134.386 | ng/ul  | 99       |
| -----                         |        |      |          |         |        |          |

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

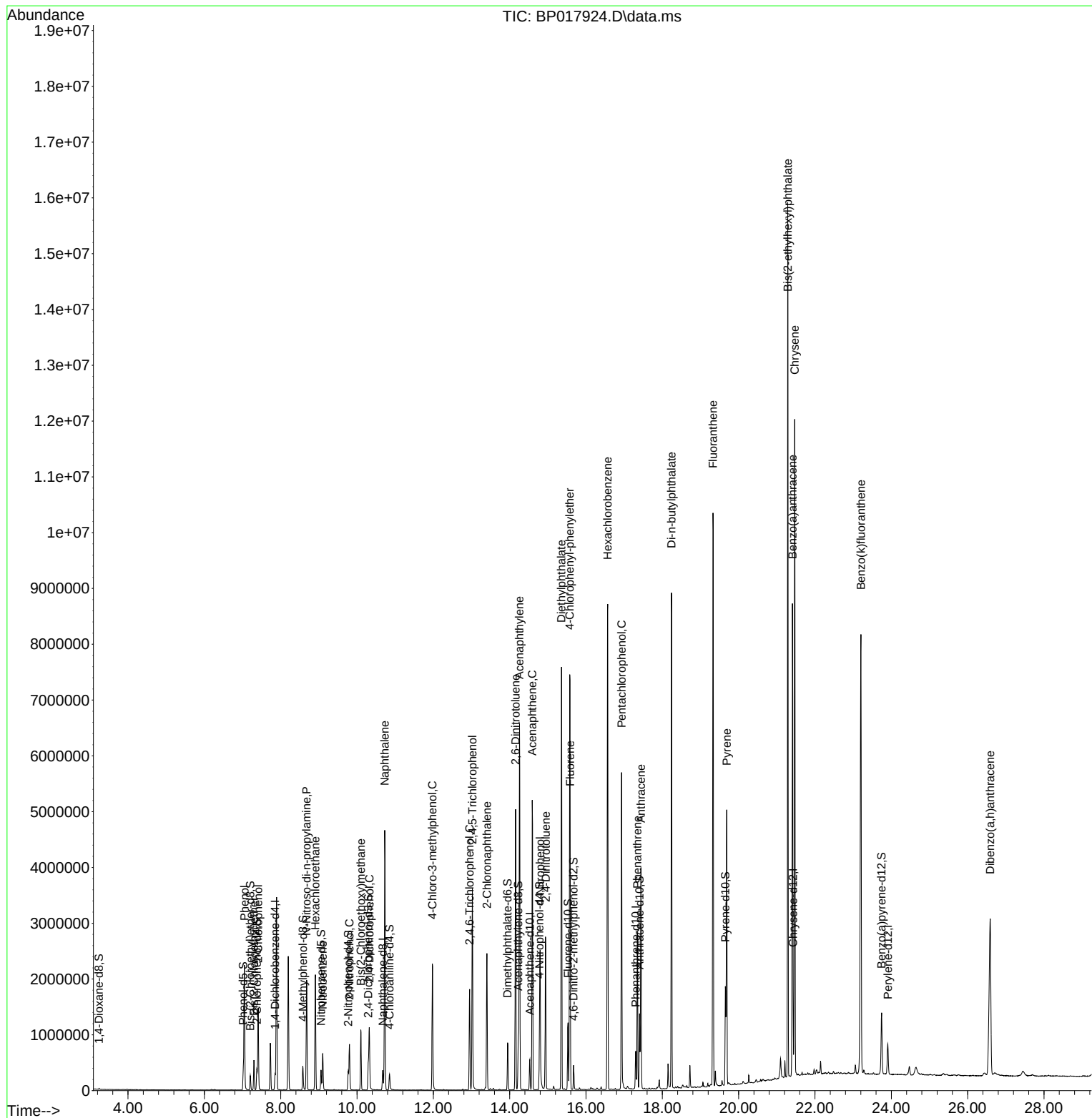
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110723\  
Data File : BP017924.D  
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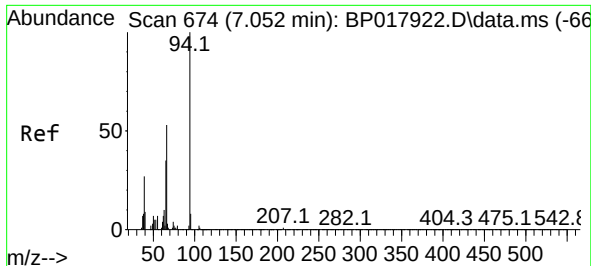
Instrument :  
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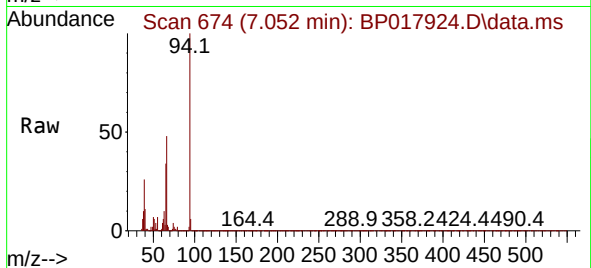
Reviewed By :Yogesh Patel 11/09/2023  
Supervised By :mohammad ahmed 11/11/2023





#8  
Phenol  
Concen: 181.934 ng/ul  
RT: 7.052 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BP017924.D  
Acq: 07 Nov 2023 10:25

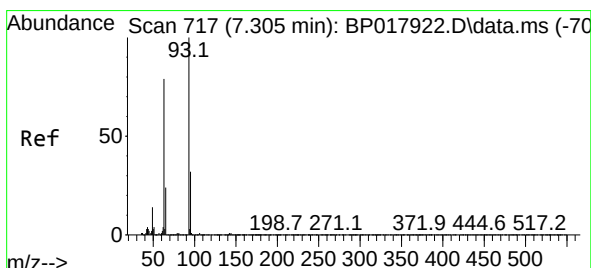
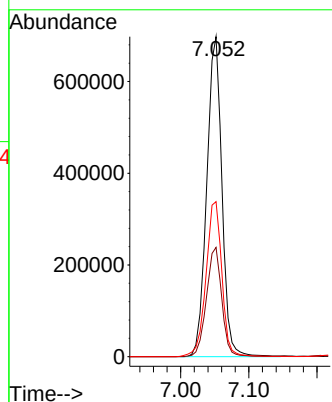
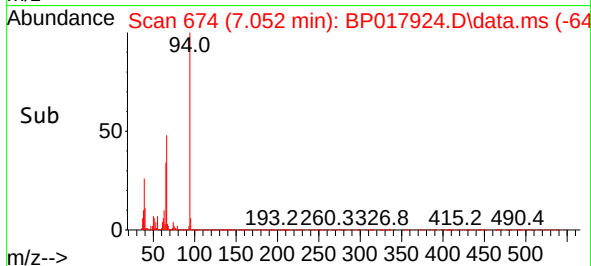
Instrument :  
BNA\_P  
ClientSampleId :  
XA020



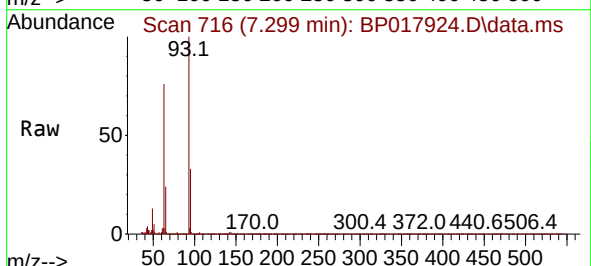
Tgt Ion: 94 Resp: 108165  
Ion Ratio Lower Upper  
94 100  
65 34.1 27.7 41.5  
66 48.4 41.7 62.5

Manual Integrations  
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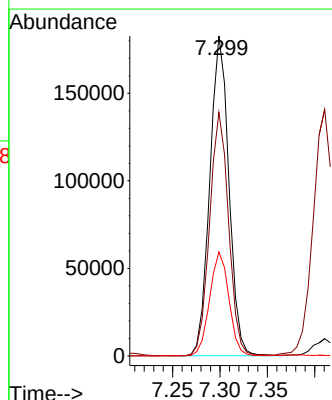
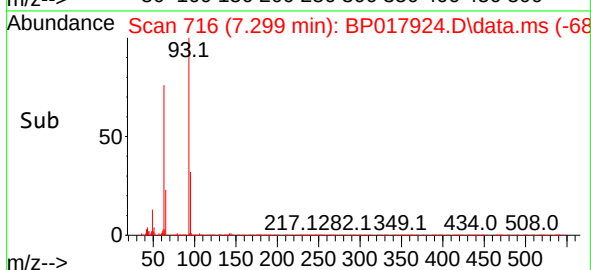
Reviewed By :Yogesh Patel 11/09/2023  
Supervised By :mohammad ahmed 11/11/2023

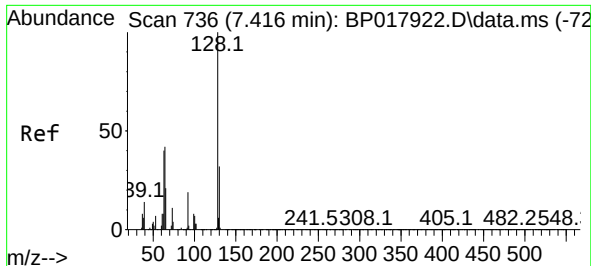


#10  
Bis(2-Chloroethyl)ether  
Concen: 53.700 ng/ul  
RT: 7.299 min Scan# 716  
Delta R.T. -0.006 min  
Lab File: BP017924.D  
Acq: 07 Nov 2023 10:25



Tgt Ion: 93 Resp: 255694  
Ion Ratio Lower Upper  
93 100  
63 76.1 57.2 85.8  
95 32.5 26.2 39.4





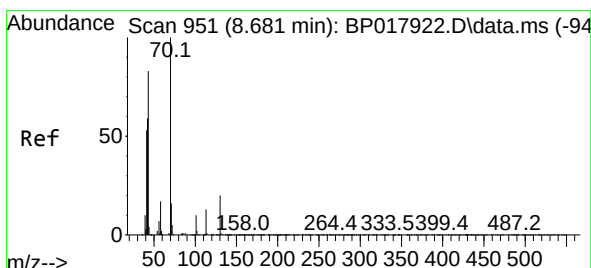
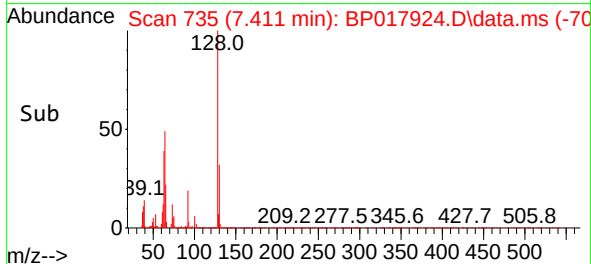
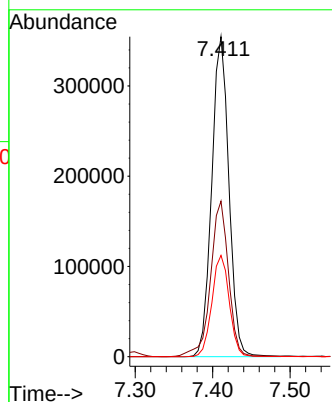
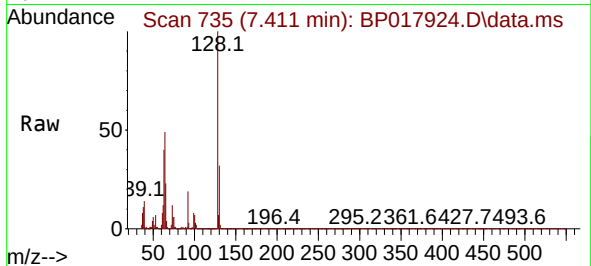
#12  
2-Chlorophenol  
Concen: 118.431 ng/ul  
RT: 7.411 min Scan# 735  
Delta R.T. -0.006 min  
Lab File: BP017924.D  
Acq: 07 Nov 2023 10:25

Instrument :  
BNA\_P  
ClientSampleId :  
XA020

Tgt Ion:128 Resp: 54619  
Ion Ratio Lower Upper  
128 100  
64 48.6 39.8 59.6  
130 31.7 25.8 38.8

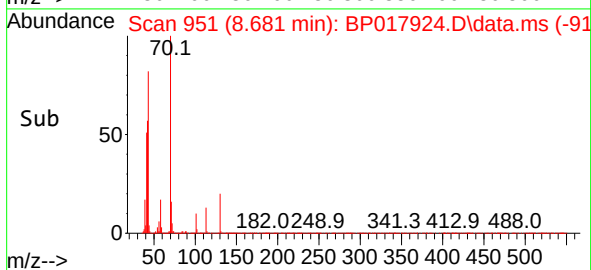
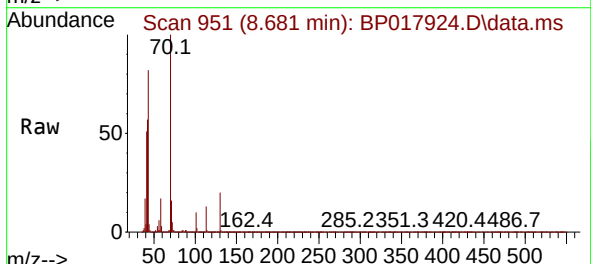
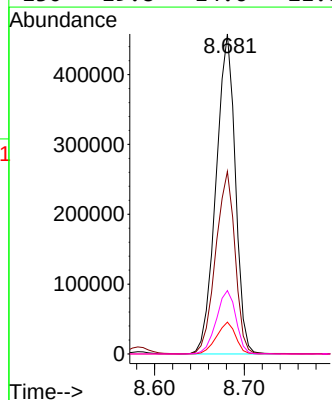
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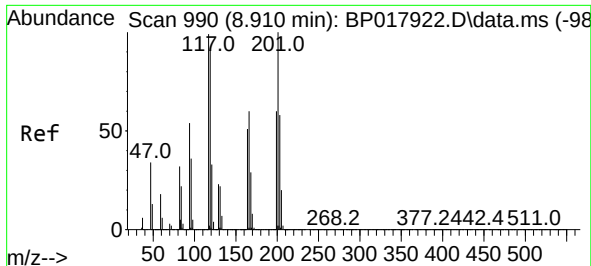
Reviewed By :Yogesh Patel 11/09/2023  
Supervised By :mohammad ahmed 11/11/2023



#17  
N-Nitroso-di-n-propylamine  
Concen: 163.114 ng/ul  
RT: 8.681 min Scan# 951  
Delta R.T. 0.000 min  
Lab File: BP017924.D  
Acq: 07 Nov 2023 10:25

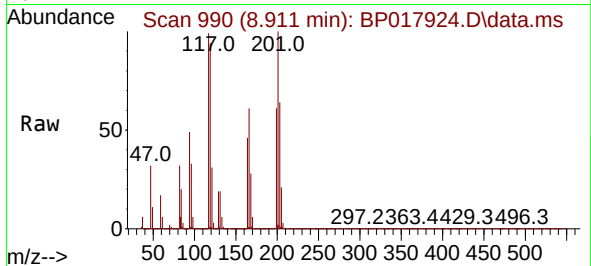
Tgt Ion: 70 Resp: 684322  
Ion Ratio Lower Upper  
70 100  
42 57.1 45.7 68.5  
101 10.0 7.9 11.9  
130 19.8 14.6 21.8





#19  
Hexachloroethane  
Concen: 153.754 ng/ul  
RT: 8.911 min Scan# 990  
Delta R.T. -0.006 min  
Lab File: BP017924.D  
Acq: 07 Nov 2023 10:25

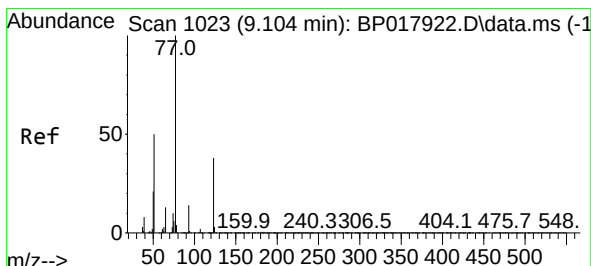
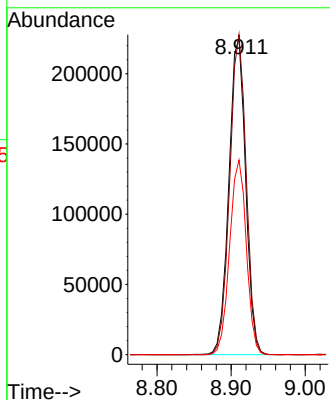
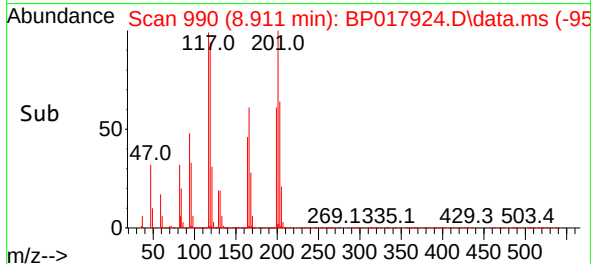
Instrument :  
BNA\_P  
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Tgt Ion:117 Resp: 354215  
Ion Ratio Lower Upper  
117 100  
201 101.1 79.6 119.4  
199 61.5 51.4 77.0

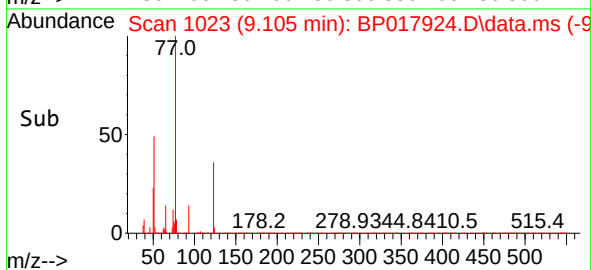
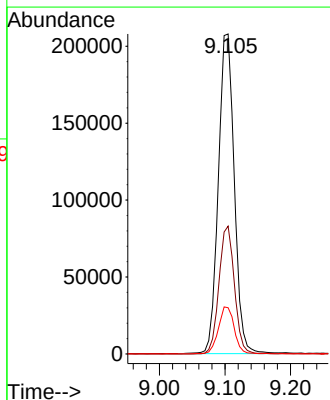
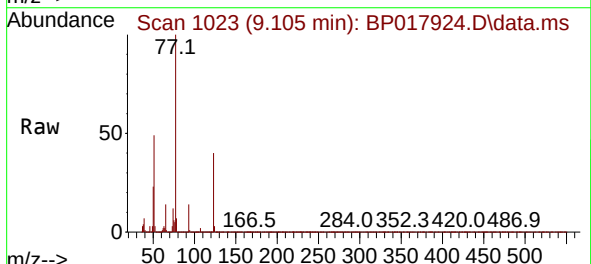
Manual Integrations  
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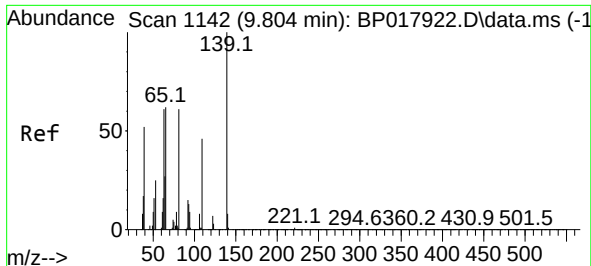
Reviewed By :Yogesh Patel 11/09/2023  
Supervised By :mohammad ahmed 11/11/2023



#22  
Nitrobenzene  
Concen: 61.087 ng/ul  
RT: 9.105 min Scan# 1023  
Delta R.T. -0.006 min  
Lab File: BP017924.D  
Acq: 07 Nov 2023 10:25

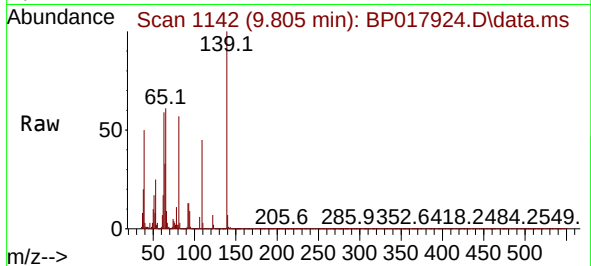
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Ion Ratio Lower Upper  
77 100  
123 40.0 31.2 46.8  
65 14.5 11.5 17.3





#25  
2-Nitrophenol  
Concen: 84.561 ng/ul  
RT: 9.805 min Scan# 1142  
Delta R.T. -0.006 min  
Lab File: BP017924.D  
Acq: 07 Nov 2023 10:25

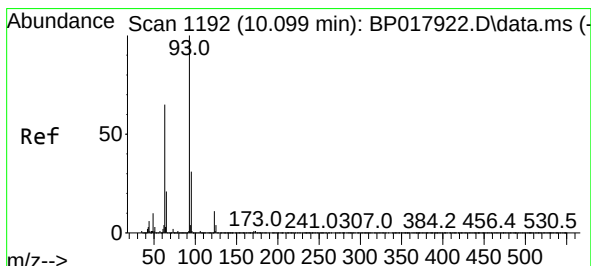
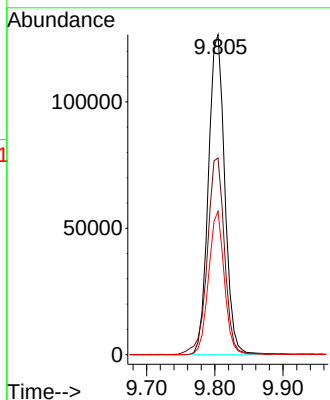
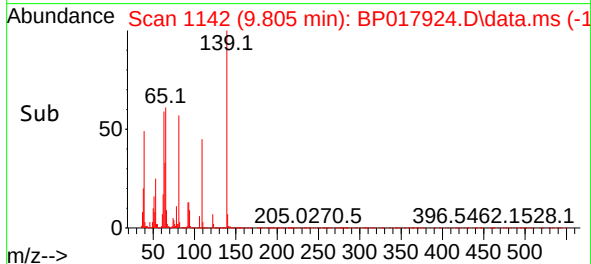
Instrument :  
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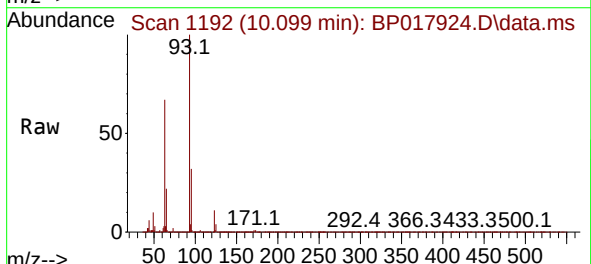
Tgt Ion:139 Resp: 211800  
Ion Ratio Lower Upper  
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65 61.5 49.0 73.6  
109 44.8 32.8 49.2

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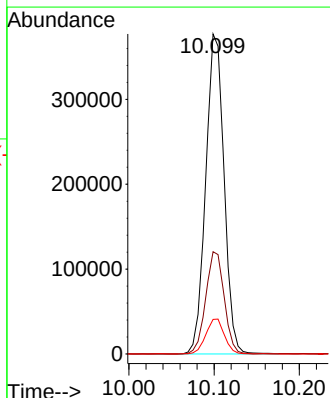
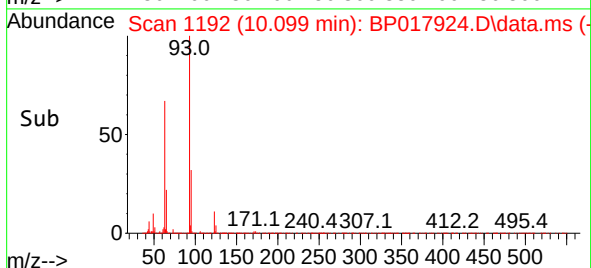
Reviewed By :Yogesh Patel 11/09/2023  
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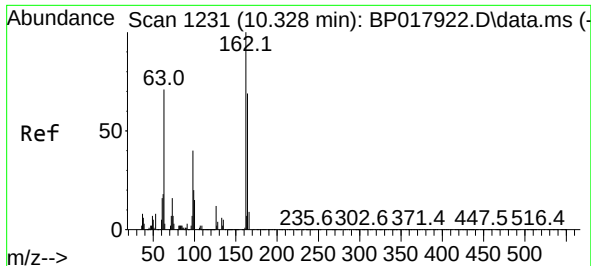


#27  
Bis(2-Chloroethoxy)methane  
Concen: 98.282 ng/ul  
RT: 10.099 min Scan# 1192  
Delta R.T. -0.006 min  
Lab File: BP017924.D  
Acq: 07 Nov 2023 10:25



Tgt Ion: 93 Resp: 563449  
Ion Ratio Lower Upper  
93 100  
95 32.0 26.2 39.4  
123 10.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 80.688 ng/ul

RT: 10.322 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BP017924.D

Acq: 07 Nov 2023 10:25

Instrument :

BNA\_P

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XA020

Tgt Ion:162 Resp: 346228

Ion Ratio Lower Upper

162 100

164 64.9 49.4 74.2

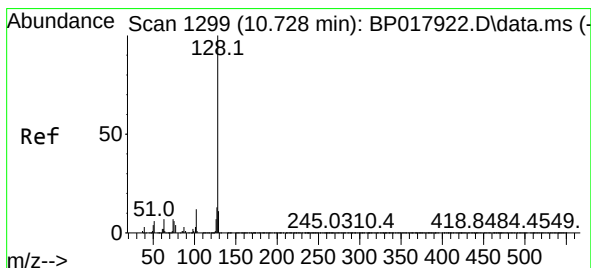
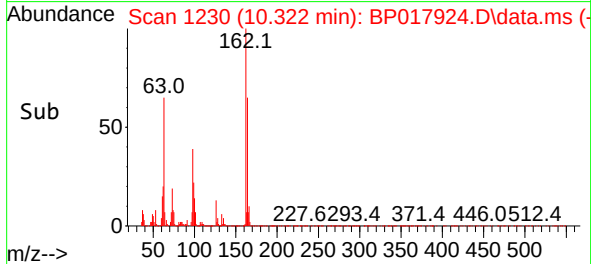
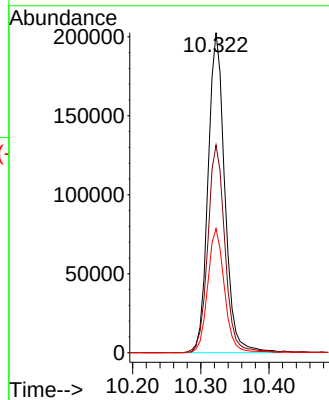
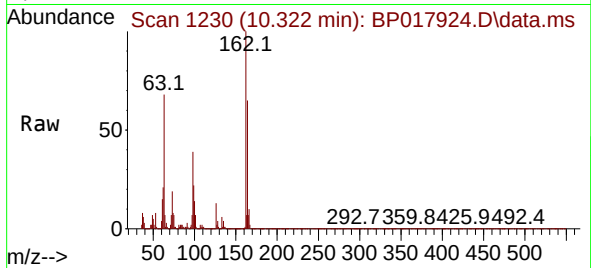
98 38.8 27.6 41.4

Manual Integrations

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#30

Naphthalene

Concen: 216.757 ng/ul

RT: 10.728 min Scan# 1299

Delta R.T. 0.000 min

Lab File: BP017924.D

Acq: 07 Nov 2023 10:25

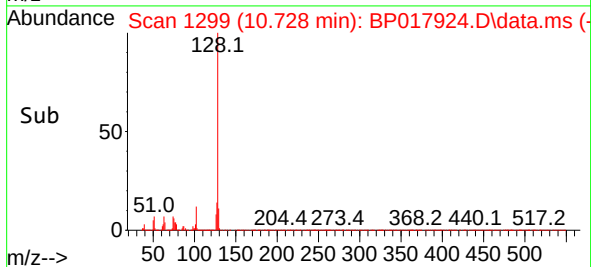
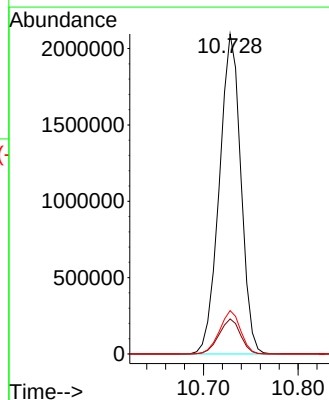
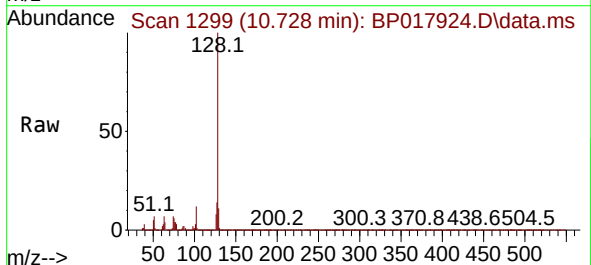
Tgt Ion:128 Resp: 3307979

Ion Ratio Lower Upper

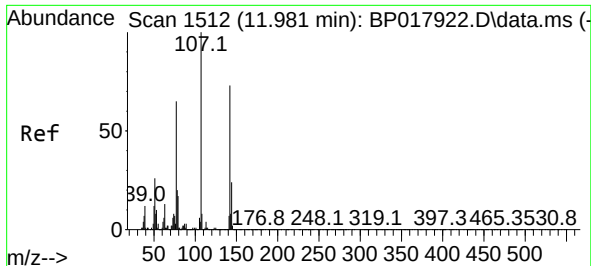
128 100

129 10.9 9.1 13.7

127 13.5 10.6 15.8

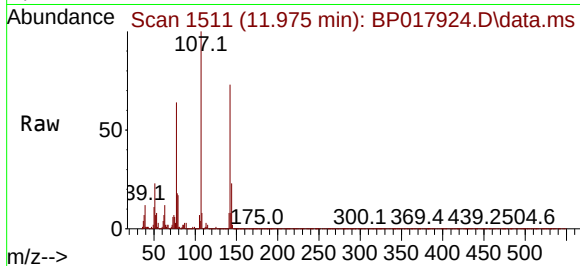






#35  
4-Chloro-3-methylphenol  
Concen: 150.192 ng/ul  
RT: 11.975 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BP017924.D  
Acq: 07 Nov 2023 10:25

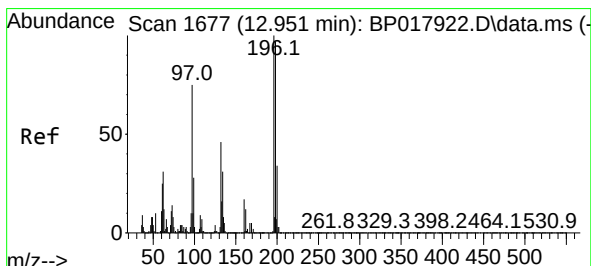
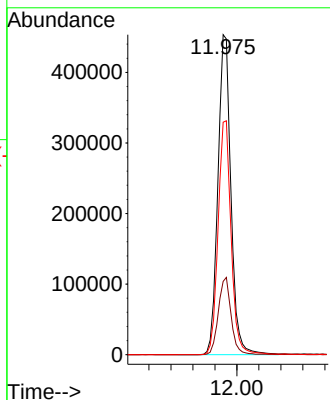
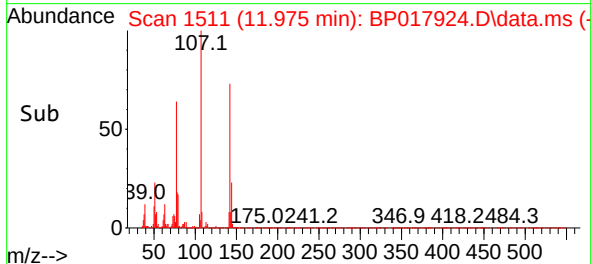
Instrument :  
BNA\_P  
ClientSampleId :  
XA020



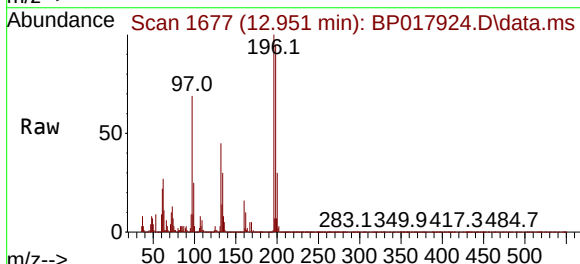
Tgt Ion:107 Resp: 746084  
Ion Ratio Lower Upper  
107 100  
144 22.9 20.8 31.2  
142 72.6 62.2 93.2

Manual Integrations  
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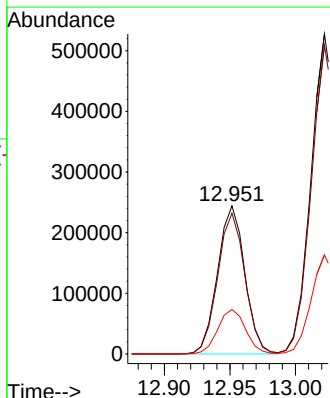
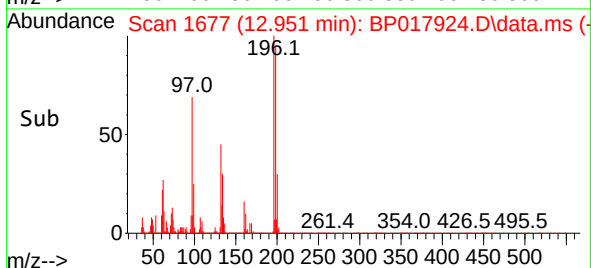
Reviewed By :Yogesh Patel 11/09/2023  
Supervised By :mohammad ahmed 11/11/2023

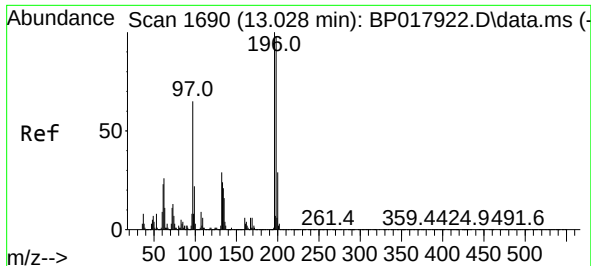


#41  
2,4,6-Trichlorophenol  
Concen: 94.604 ng/ul  
RT: 12.951 min Scan# 1677  
Delta R.T. -0.006 min  
Lab File: BP017924.D  
Acq: 07 Nov 2023 10:25



Tgt Ion:196 Resp: 352901  
Ion Ratio Lower Upper  
196 100  
198 95.0 78.5 117.7  
200 30.0 24.1 36.1





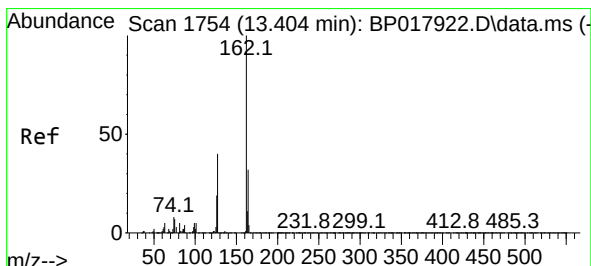
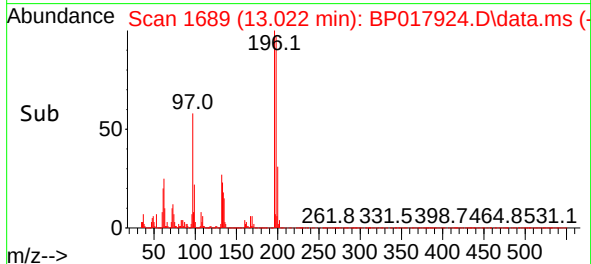
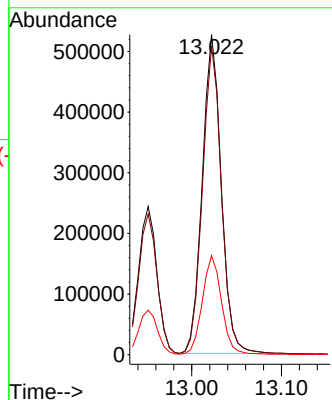
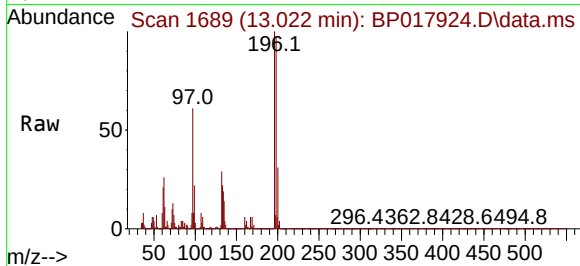
#42  
2,4,5-Trichlorophenol  
Concen: 200.836 ng/ul  
RT: 13.022 min Scan# 1690  
Delta R.T. -0.012 min  
Lab File: BP017924.D  
Acq: 07 Nov 2023 10:25

Instrument :  
BNA\_P  
ClientSampleId :  
XA020

Tgt Ion:196 Resp: 771470  
Ion Ratio Lower Upper  
196 100  
198 96.5 78.5 117.7  
200 30.9 25.3 37.9

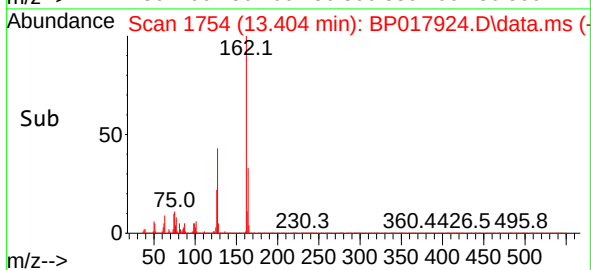
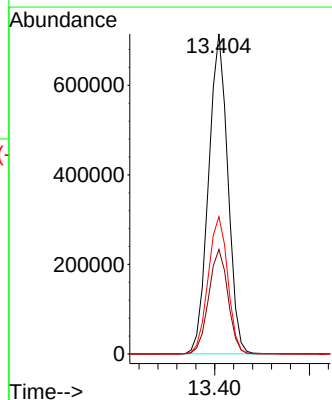
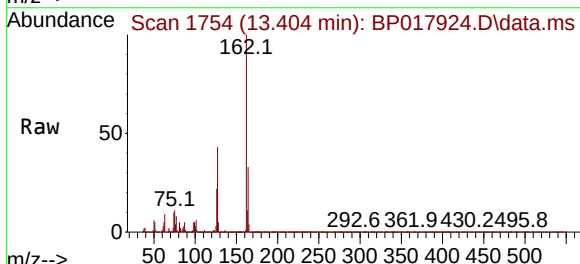
Manual Integrations  
APPROVED

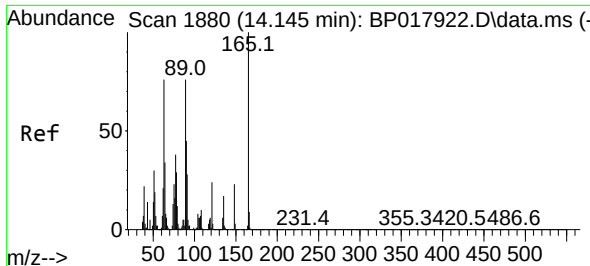
Reviewed By :Yogesh Patel 11/09/2023  
Supervised By :mohammad ahmed 11/11/2023



#44  
2-Chloronaphthalene  
Concen: 91.175 ng/ul  
RT: 13.404 min Scan# 1754  
Delta R.T. 0.000 min  
Lab File: BP017924.D  
Acq: 07 Nov 2023 10:25

Tgt Ion:162 Resp: 1009010  
Ion Ratio Lower Upper  
162 100  
164 32.7 26.7 40.1  
127 42.9 33.0 49.6





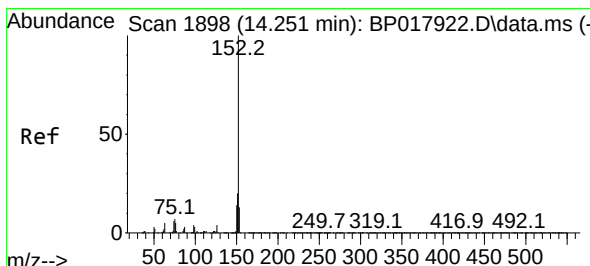
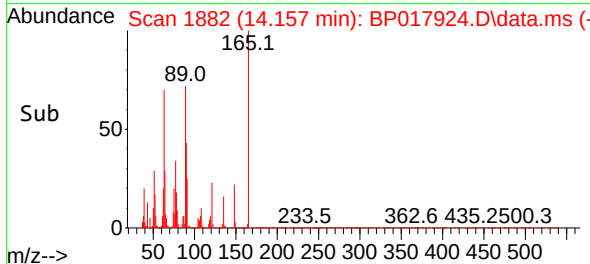
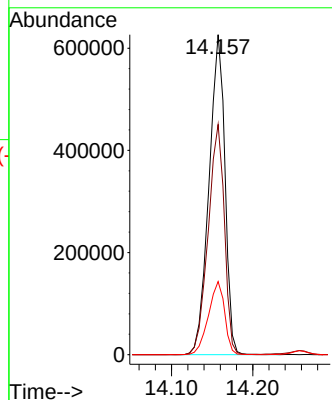
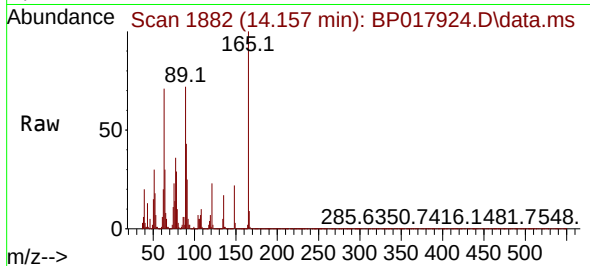
#48  
2,6-Dinitrotoluene  
Concen: 291.725 ng/ul  
RT: 14.157 min Scan# 1882  
Delta R.T. 0.012 min  
Lab File: BP017924.D  
Acq: 07 Nov 2023 10:25

Instrument :  
BNA\_P  
ClientSampleId :  
XA020

Tgt Ion:165 Resp: 85292  
Ion Ratio Lower Upper  
165 100  
89 72.0 54.9 82.3  
121 22.9 19.0 28.6

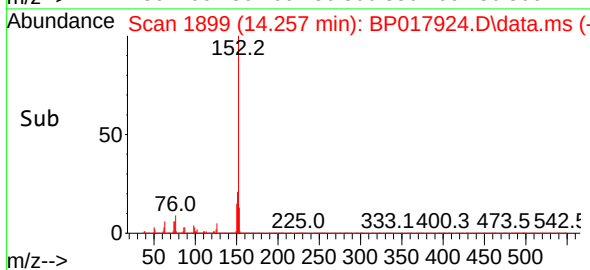
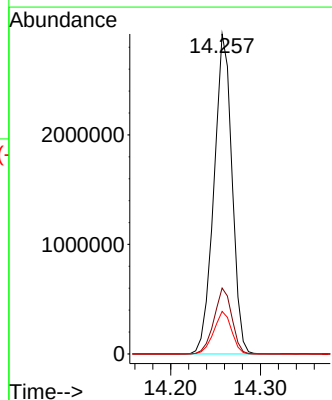
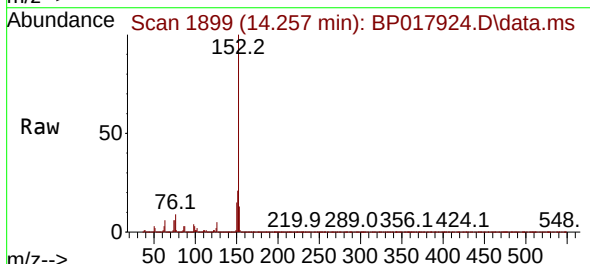
Manual Integrations  
APPROVED

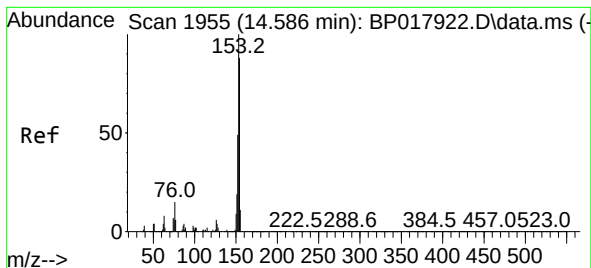
Reviewed By :Yogesh Patel 11/09/2023  
Supervised By :mohammad ahmed 11/11/2023



#50  
Acenaphthylene  
Concen: 222.321 ng/ul  
RT: 14.257 min Scan# 1899  
Delta R.T. 0.006 min  
Lab File: BP017924.D  
Acq: 07 Nov 2023 10:25

Tgt Ion:152 Resp: 4078448  
Ion Ratio Lower Upper  
152 100  
151 20.6 15.9 23.9  
153 13.3 10.4 15.6





#52

Acenaphthene

Concen: 159.386 ng/ul

RT: 14.593 min Scan# 1955

Delta R.T. 0.006 min

Lab File: BP017924.D

Acq: 07 Nov 2023 10:25

Instrument :

BNA\_P

ClientSampleId :

XA020

Tgt Ion:153 Resp: 1937834

Ion Ratio Lower Upper

153 100

152 47.4 37.7 56.5

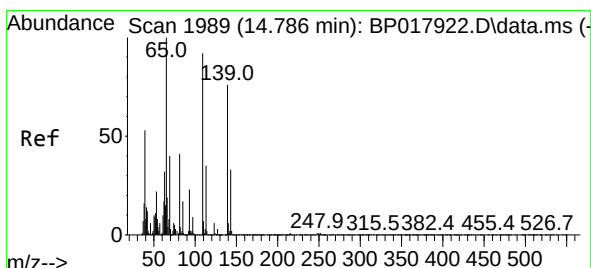
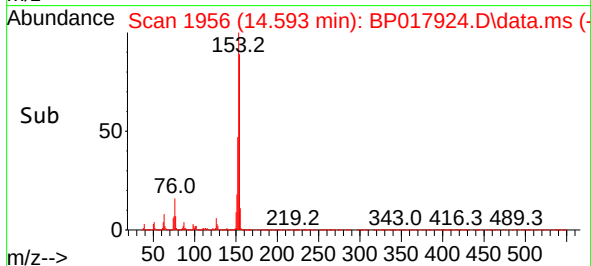
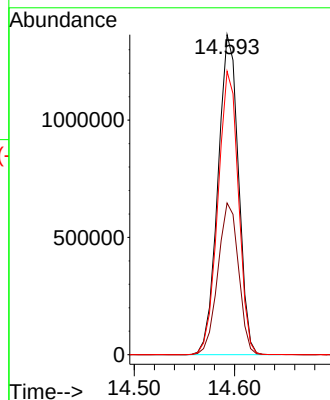
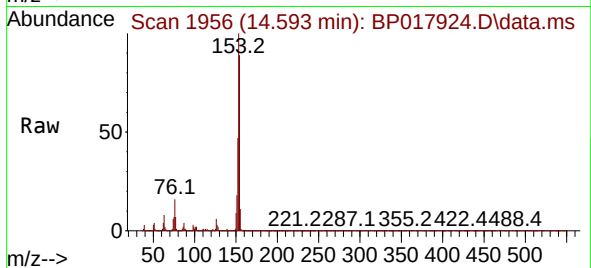
154 88.6 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/09/2023

Supervised By :mohammad ahmed 11/11/2023



#55

4-Nitrophenol

Concen: 194.600 ng/ul

RT: 14.798 min Scan# 1991

Delta R.T. 0.006 min

Lab File: BP017924.D

Acq: 07 Nov 2023 10:25

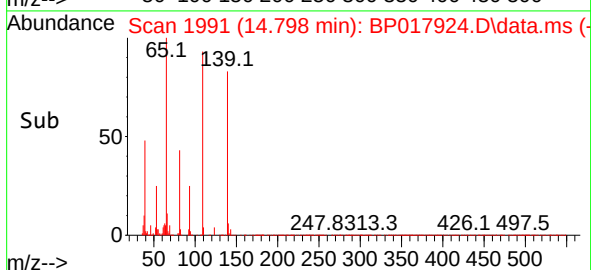
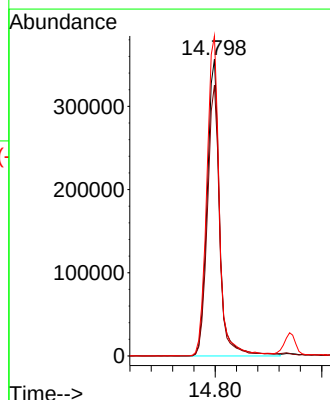
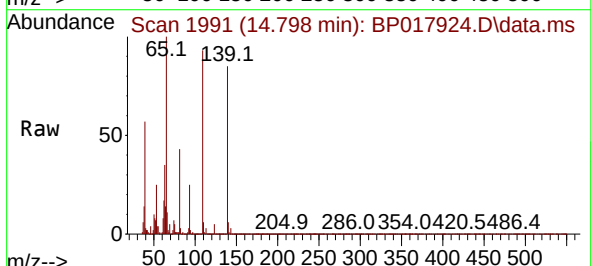
Tgt Ion:109 Resp: 579830

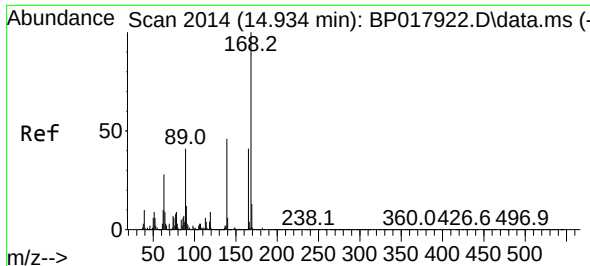
Ion Ratio Lower Upper

109 100

139 91.2 79.6 119.4

65 107.8 87.8 131.8





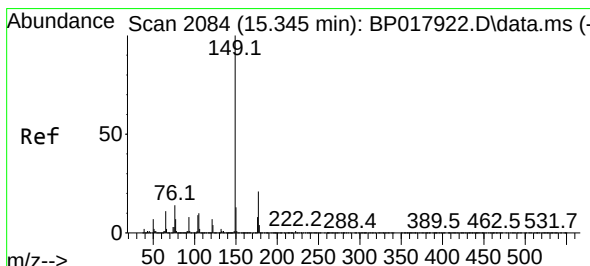
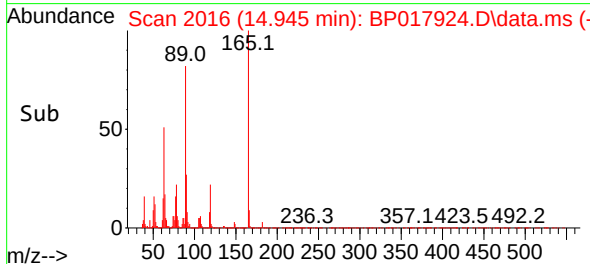
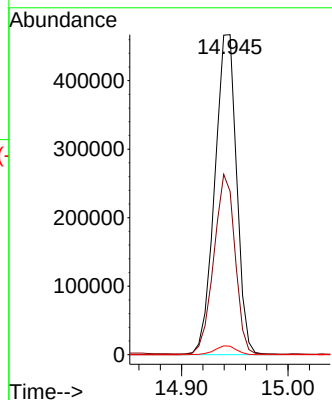
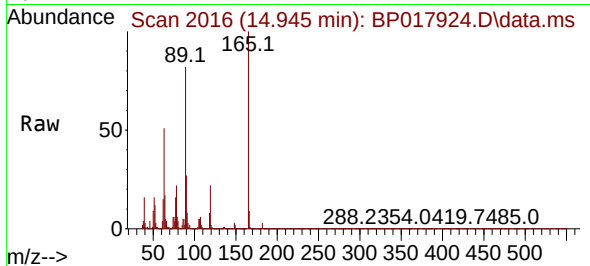
#57  
2,4-Dinitrotoluene  
Concen: 152.173 ng/ul  
RT: 14.945 min Scan# 2014  
Delta R.T. 0.012 min  
Lab File: BP017924.D  
Acq: 07 Nov 2023 10:25

Instrument :  
BNA\_P  
ClientSampleId :  
XA020

Tgt Ion:165 Resp: 664872  
Ion Ratio Lower Upper  
165 100  
63 51.0 53.3 79.9  
182 2.7 1.9 2.9

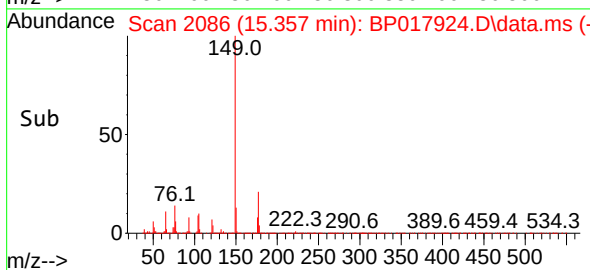
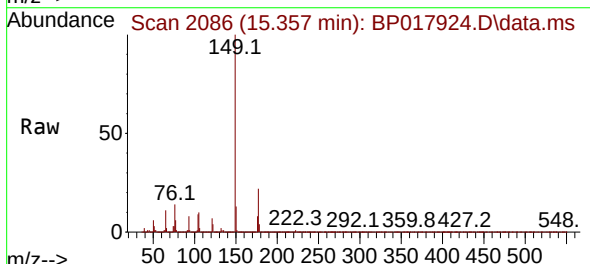
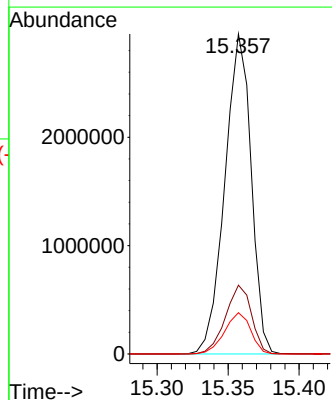
Manual Integrations  
APPROVED

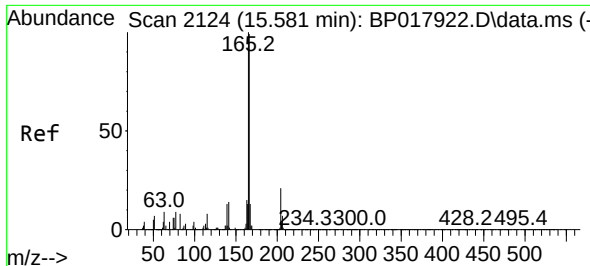
Reviewed By :Yogesh Patel 11/09/2023  
Supervised By :mohammad ahmed 11/11/2023



#59  
Diethylphthalate  
Concen: 248.227 ng/ul  
RT: 15.357 min Scan# 2086  
Delta R.T. 0.012 min  
Lab File: BP017924.D  
Acq: 07 Nov 2023 10:25

Tgt Ion:149 Resp: 3809851  
Ion Ratio Lower Upper  
149 100  
177 21.5 16.4 24.6  
150 12.9 9.7 14.5





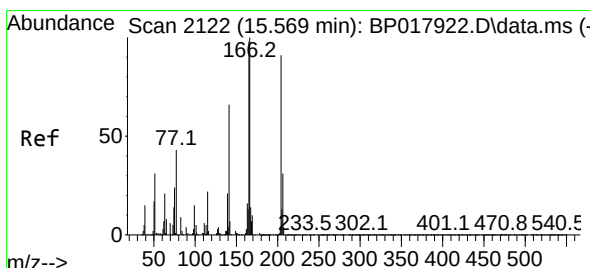
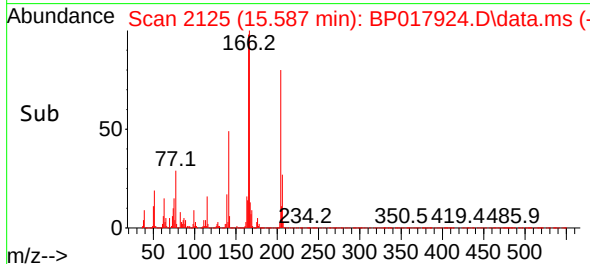
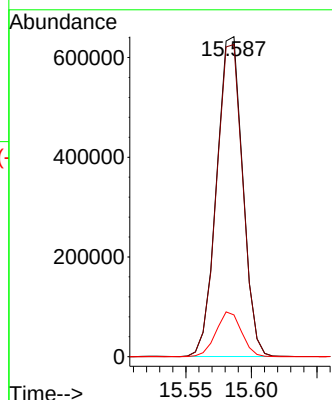
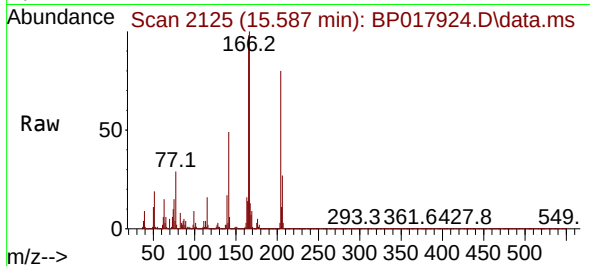
#61  
Fluorene  
Concen: 62.262 ng/ul  
RT: 15.587 min Scan# 2124  
Delta R.T. 0.006 min  
Lab File: BP017924.D  
Acq: 07 Nov 2023 10:25

Instrument :  
BNA\_P  
ClientSampleId :  
XA020

Tgt Ion:166 Resp: 88536  
Ion Ratio Lower Upper  
166 100  
165 97.5 79.8 119.6  
167 13.1 10.9 16.3

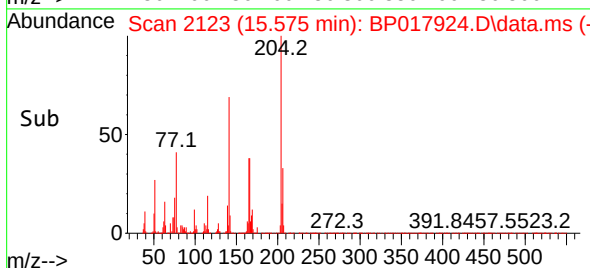
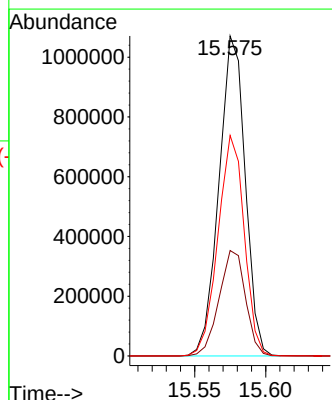
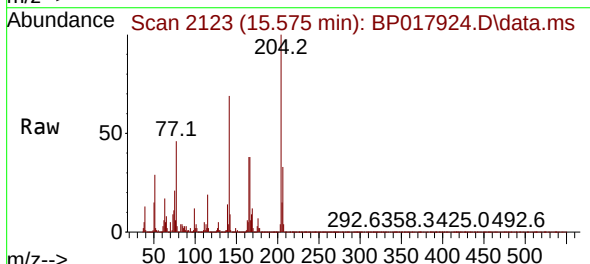
Manual Integrations  
APPROVED

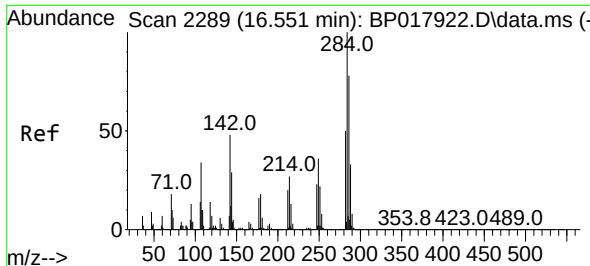
Reviewed By :Yogesh Patel 11/09/2023  
Supervised By :mohammad ahmed 11/11/2023



#62  
4-Chlorophenyl-phenylether  
Concen: 186.872 ng/ul  
RT: 15.575 min Scan# 2123  
Delta R.T. 0.006 min  
Lab File: BP017924.D  
Acq: 07 Nov 2023 10:25

Tgt Ion:204 Resp: 1375197  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.0 39.0  
141 68.9 53.6 80.4





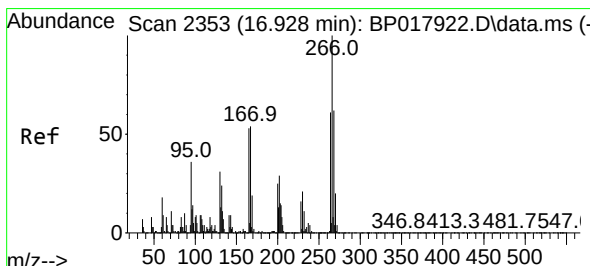
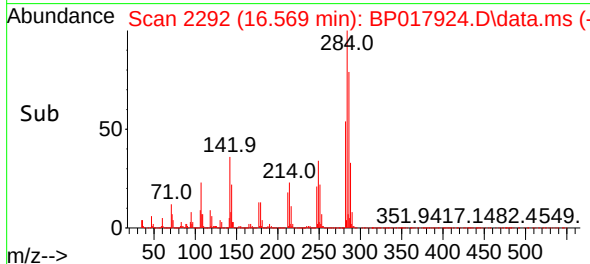
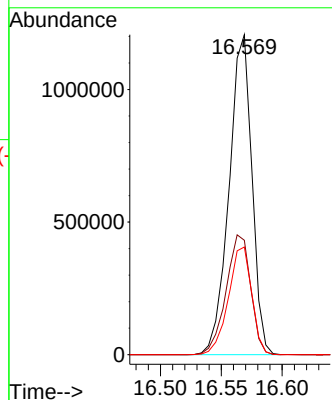
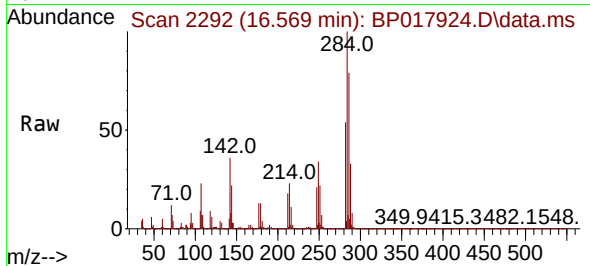
#69  
Hexachlorobenzene  
Concen: 309.311 ng/ul  
RT: 16.569 min Scan# 21  
Delta R.T. 0.012 min  
Lab File: BP017924.D  
Acq: 07 Nov 2023 10:25

Instrument :  
BNA\_P  
ClientSampleId :  
XA020

Tgt Ion:284 Resp: 157652  
Ion Ratio Lower Upper  
284 100  
142 35.8 29.0 43.6  
249 33.7 25.8 38.6

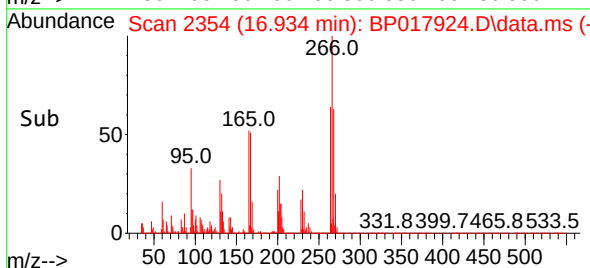
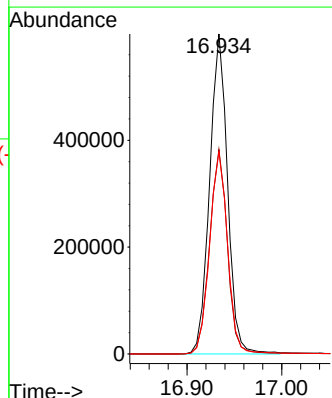
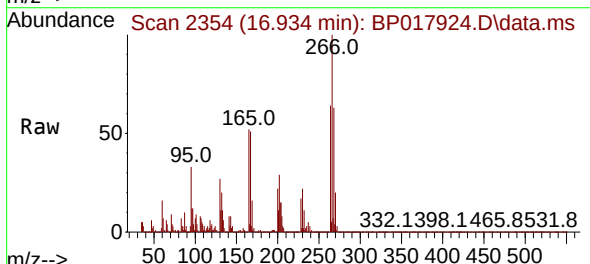
Manual Integrations  
APPROVED

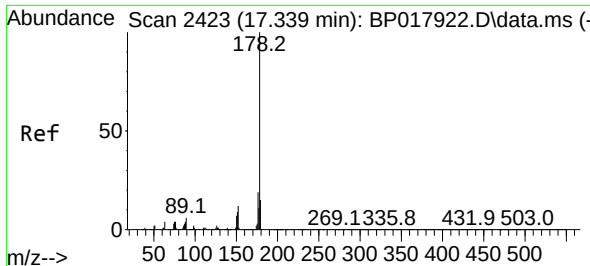
Reviewed By :Yogesh Patel 11/09/2023  
Supervised By :mohammad ahmed 11/11/2023



#71  
Pentachlorophenol  
Concen: 253.415 ng/ul  
RT: 16.934 min Scan# 2354  
Delta R.T. 0.006 min  
Lab File: BP017924.D  
Acq: 07 Nov 2023 10:25

Tgt Ion:266 Resp: 784566  
Ion Ratio Lower Upper  
266 100  
264 63.9 53.8 80.6  
268 63.1 52.4 78.6





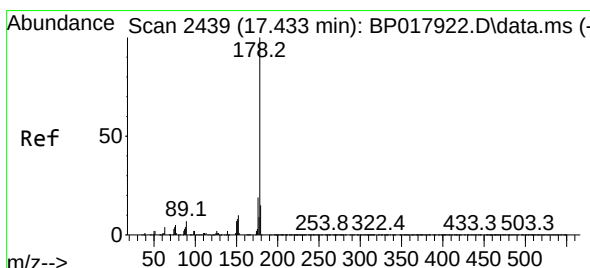
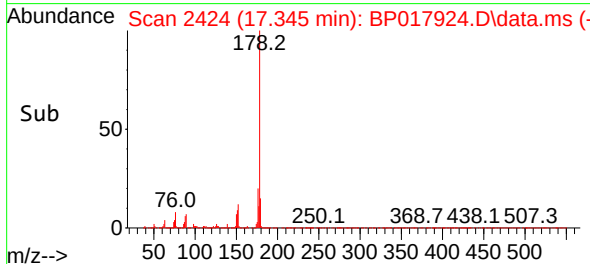
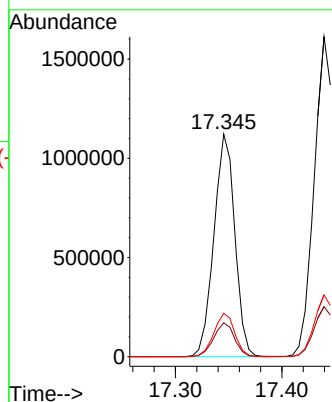
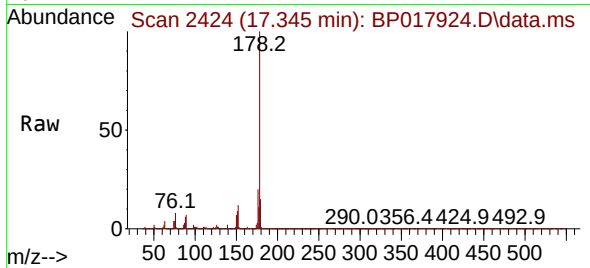
#72  
Phenanthrene  
Concen: 68.899 ng/u1  
RT: 17.345 min Scan# 2423  
Delta R.T. 0.006 min  
Lab File: BP017924.D  
Acq: 07 Nov 2023 10:25

Instrument :  
BNA\_P  
ClientSampleId :  
XA020

Tgt Ion:178 Resp: 1527731  
Ion Ratio Lower Upper  
178 100  
179 15.2 12.3 18.5  
176 19.5 15.2 22.8

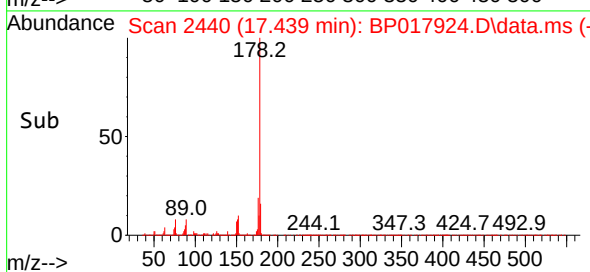
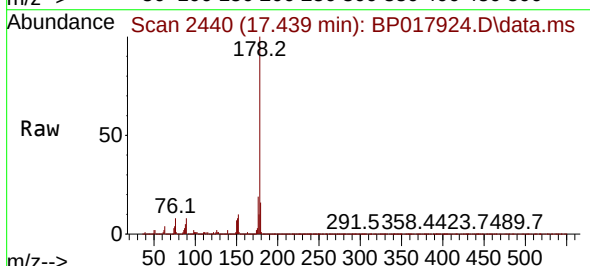
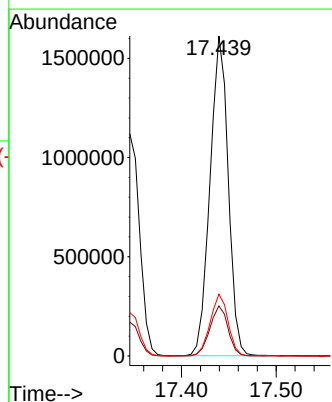
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/09/2023  
Supervised By :mohammad ahmed 11/11/2023

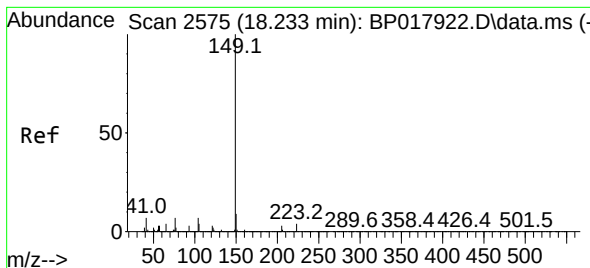


#74  
Anthracene  
Concen: 95.201 ng/u1  
RT: 17.439 min Scan# 2440  
Delta R.T. 0.006 min  
Lab File: BP017924.D  
Acq: 07 Nov 2023 10:25

Tgt Ion:178 Resp: 2145731  
Ion Ratio Lower Upper  
178 100  
179 15.7 12.5 18.7  
176 19.3 14.9 22.3







#78

Di-n-butylphthalate

Concen: 234.931 ng/ul

RT: 18.239 min Scan# 2575

Delta R.T. 0.006 min

Lab File: BP017924.D

Acq: 07 Nov 2023 10:25

Instrument :

BNA\_P

ClientSampleId :

XA020

Tgt Ion:149 Resp: 587512

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

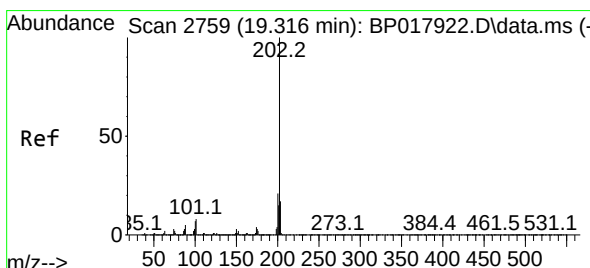
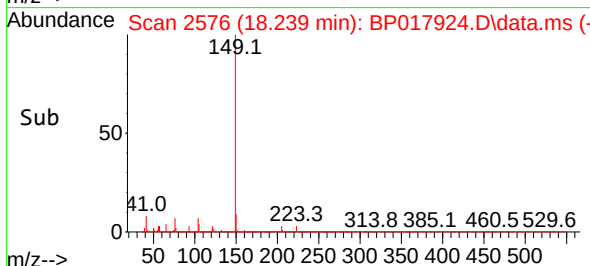
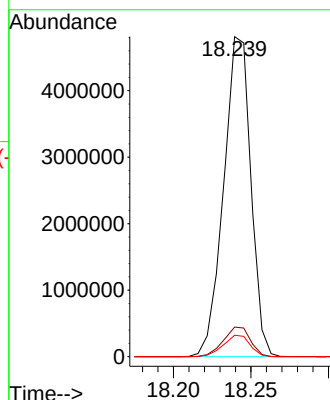
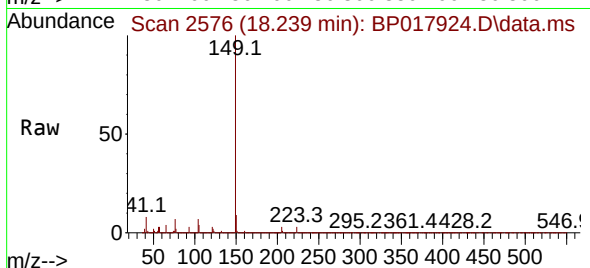
104 6.7 5.0 7.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/09/2023

Supervised By :mohammad ahmed 11/11/2023



#80

Fluoranthene

Concen: 212.927 ng/ul

RT: 19.328 min Scan# 2761

Delta R.T. 0.012 min

Lab File: BP017924.D

Acq: 07 Nov 2023 10:25

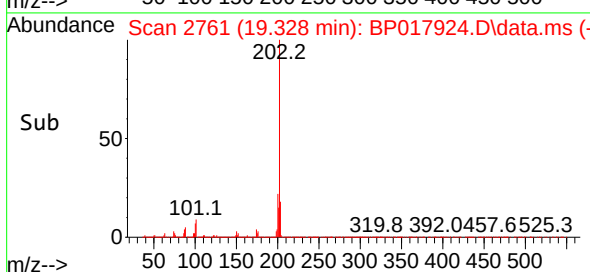
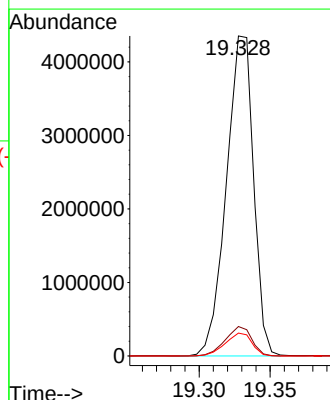
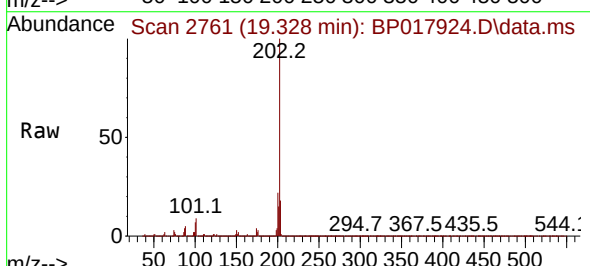
Tgt Ion:202 Resp: 5806188

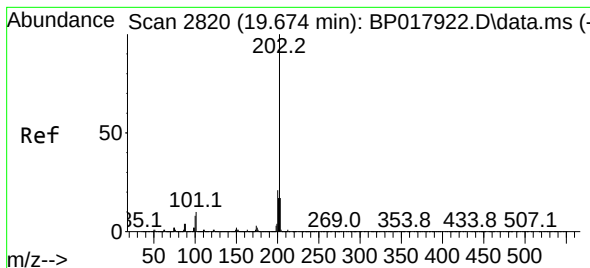
Ion Ratio Lower Upper

202 100

101 9.2 7.1 10.7

100 7.1 5.3 7.9





#82

Pyrene

Concen: 93.934 ng/ul

RT: 19.686 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP017924.D

Acq: 07 Nov 2023 10:25

Instrument :

BNA\_P

ClientSampleId :

XA020

Tgt Ion:202 Resp: 267166

Ion Ratio Lower Upper

202 100

101 10.2 8.6 12.8

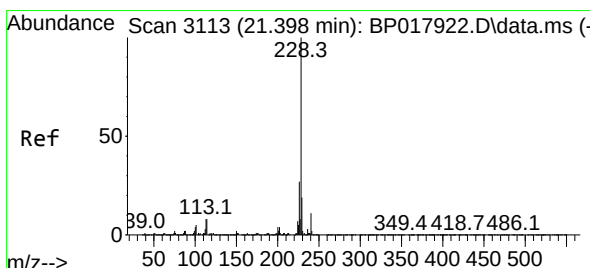
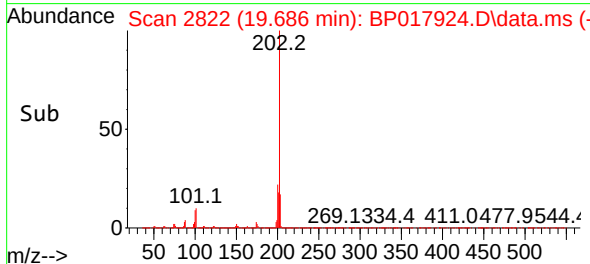
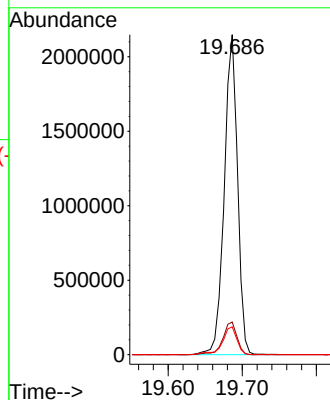
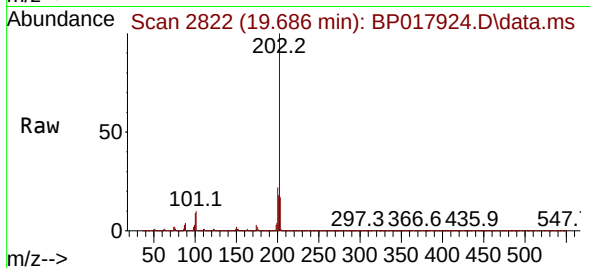
100 8.7 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/09/2023

Supervised By :mohammad ahmed 11/11/2023



#85

Benzo(a)anthracene

Concen: 144.176 ng/ul

RT: 21.410 min Scan# 3115

Delta R.T. 0.012 min

Lab File: BP017924.D

Acq: 07 Nov 2023 10:25

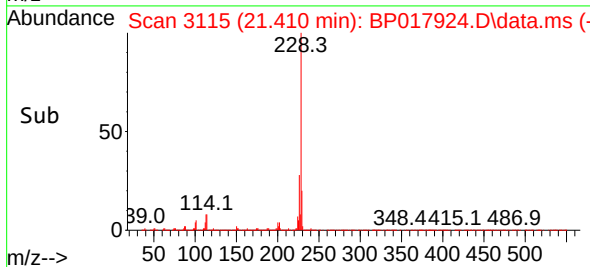
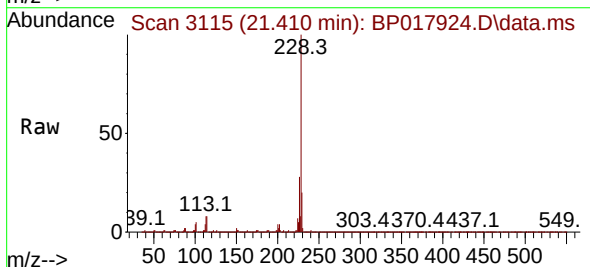
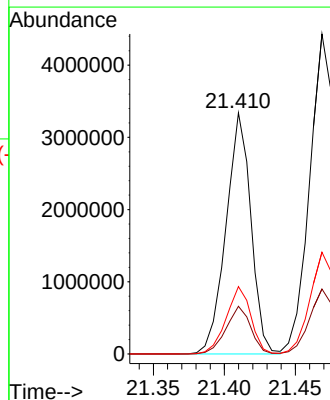
Tgt Ion:228 Resp: 4086811

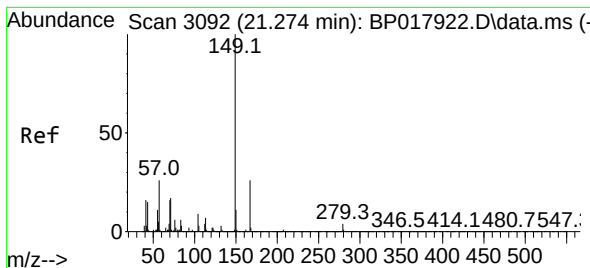
Ion Ratio Lower Upper

228 100

229 19.8 15.4 23.2

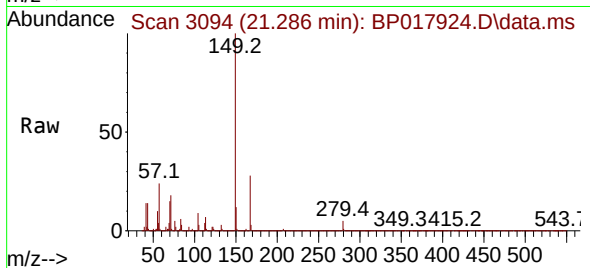
226 27.9 21.6 32.4





#86  
Bis(2-ethylhexyl)phthalate  
Concen: 291.800 ng/ul  
RT: 21.286 min Scan# 3094  
Delta R.T. 0.012 min  
Lab File: BP017924.D  
Acq: 07 Nov 2023 10:25

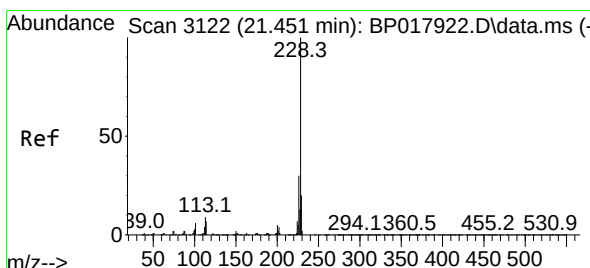
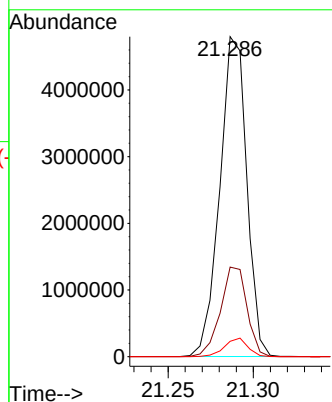
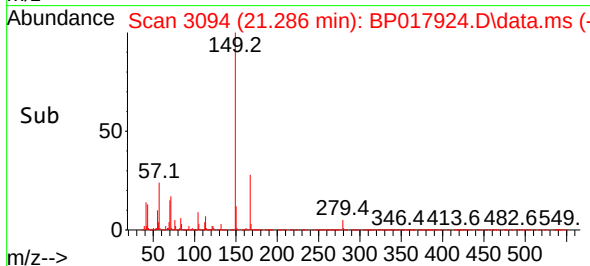
Instrument :  
BNA\_P  
ClientSampleId :  
XA020



Tgt Ion:149 Resp: 5287460  
Ion Ratio Lower Upper  
149 100  
167 28.0 21.0 31.6  
279 4.8 3.0 4.6

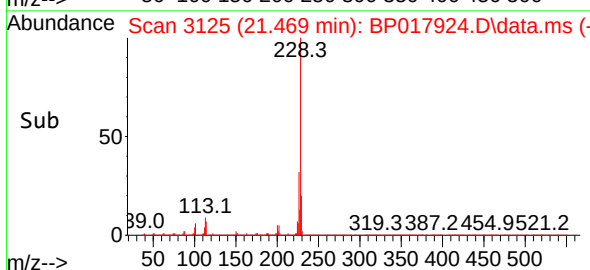
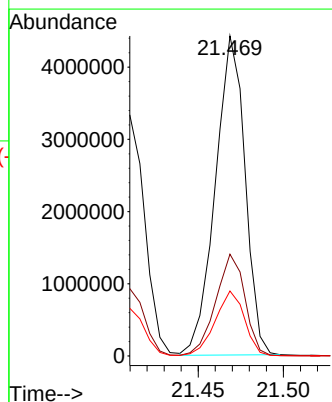
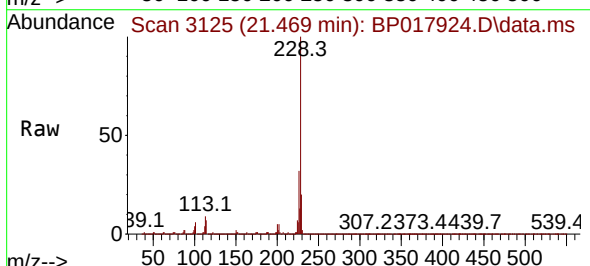
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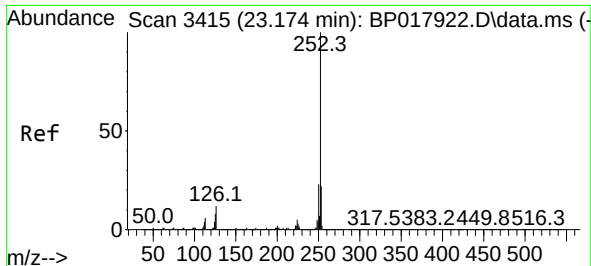
Reviewed By :Yogesh Patel 11/09/2023  
Supervised By :mohammad ahmed 11/11/2023



#87  
Chrysene  
Concen: 203.786 ng/ul  
RT: 21.469 min Scan# 3125  
Delta R.T. 0.018 min  
Lab File: BP017924.D  
Acq: 07 Nov 2023 10:25

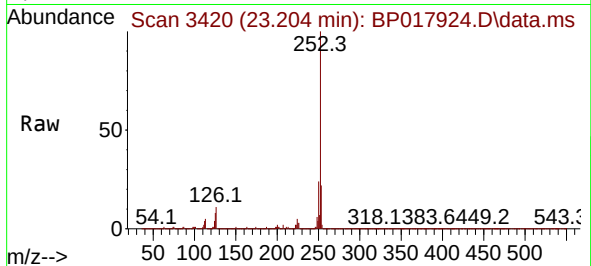
Tgt Ion:228 Resp: 5356672  
Ion Ratio Lower Upper  
228 100  
226 31.8 23.9 35.9  
229 20.3 16.1 24.1





#91  
Benzo(k)fluoranthene  
Concen: 210.168 ng/ul  
RT: 23.204 min Scan# 3415  
Delta R.T. 0.030 min  
Lab File: BP017924.D  
Acq: 07 Nov 2023 10:25

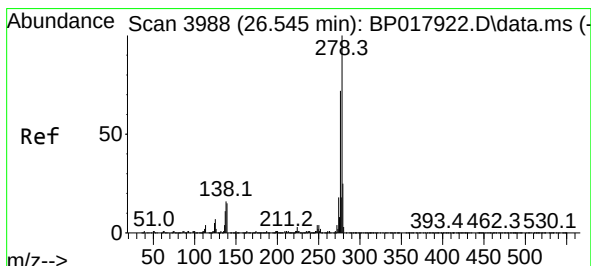
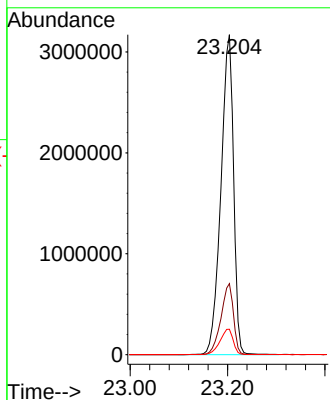
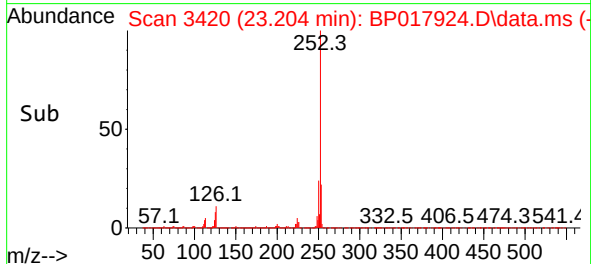
Instrument :  
BNA\_P  
ClientSampleId :  
XA020



Tgt Ion:252 Resp: 573838  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.2 25.8  
125 8.0 7.0 10.6

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/09/2023  
Supervised By :mohammad ahmed 11/11/2023



#95  
Dibenzo(a,h)anthracene  
Concen: 134.386 ng/ul  
RT: 26.592 min Scan# 3996  
Delta R.T. 0.041 min  
Lab File: BP017924.D  
Acq: 07 Nov 2023 10:25

Tgt Ion:278 Resp: 3370077  
Ion Ratio Lower Upper  
278 100  
139 13.7 11.0 16.4  
279 23.0 19.1 28.7

