

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052322\  
 Data File : BP010503.D  
 Acq On : 24 May 2022 06:43  
 Operator : CG/JU  
 Sample : N2918-03  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBTE0

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 05/24/2022  
 Supervised By :Yogesh Patel 05/26/2022

Quant Time: May 24 07:26:29 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051322.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 24 05:50:40 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response  | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|-----------|----------|--------|----------|
| -----                         |        |      |           |          |        |          |
| Internal Standards            |        |      |           |          |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.887  | 152  | 160466    | 20.000   | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.734 | 136  | 682837    | 20.000   | ng/u1  | 0.05     |
| 38) Acenaphthene-d10          | 14.522 | 164  | 487736    | 20.000   | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.274 | 188  | 1035860   | 20.000   | ng/u1  | # 0.00   |
| 79) Chrysene-d12              | 21.351 | 240  | 972528    | 20.000   | ng/u1  | # 0.00   |
| 88) Perylene-d12              | 23.768 | 264  | 787660    | 20.000   | ng/u1  | 0.00     |
|                               |        |      |           |          |        |          |
| System Monitoring Compounds   |        |      |           |          |        |          |
| 3) 1,4-Dioxane-d8             | 3.340  | 96   | 14641m    | 3.889    | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.769  | 84   | 63661     | 5.956    | ng/u1  | 0.01     |
| 7) Phenol-d5                  | 7.057  | 99   | 70877m    | 5.263    | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.216  | 67   | 278595    | 30.788   | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.422  | 132  | 230520    | 22.368   | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.598  | 113  | 148254    | 12.953   | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.051  | 128  | 174963m   | 33.107   | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.781  | 143  | 177644m   | 31.719   | ng/u1  | 0.01     |
| 28) 2,4-Dichlorophenol-d3     | 10.328 | 165  | 287005    | 27.102   | ng/u1  | 0.02     |
| 31) 4-Chloroaniline-d4        | 10.845 | 131  | 347989m   | 22.101   | ng/u1  | 0.02     |
| 46) Dimethylphthalate-d6      | 13.933 | 166  | 1129050   | 31.419   | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.210 | 160  | 1319676   | 31.838   | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.727 | 143  | 27882     | 4.359    | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.516 | 176  | 1001313   | 32.029   | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.639 | 200  | 172076    | 28.404   | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.374 | 188  | 1575165   | 33.582   | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.604 | 212  | 1861909   | 36.050   | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.615 | 264  | 1358142   | 34.339   | ng/u1  | 0.00     |
|                               |        |      |           |          |        |          |
| Target Compounds              |        |      |           |          | Qvalue |          |
| 30) Naphthalene               | 10.751 | 128  | 58961779m | 1653.181 | ng/u1  |          |
| 36) 2-Methylnaphthalene       | 12.375 | 142  | 14623685  | 579.177  | ng/u1  | 91       |
| 37) 1-Methylnaphthalene       | 12.586 | 142  | 8077850   | 316.859  | ng/u1# | 96       |
| 43) 1,1'-Biphenyl             | 13.357 | 154  | 3622437   | 101.186  | ng/u1# | 93       |
| 50) Acenaphthylene            | 14.239 | 152  | 823597    | 18.367   | ng/u1  | 94       |
| 52) Acenaphthene              | 14.604 | 153  | 11566363  | 395.409  | ng/u1  | 94       |
| 56) Dibenzofuran              | 14.927 | 168  | 8458452   | 197.311  | ng/u1  | 97       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.151 | 232  | 66011     | 7.410    | ng/u1# | 83       |
| 61) Fluorene                  | 15.580 | 166  | 5750876   | 164.043  | ng/u1  | 92       |
| 71) Pentachlorophenol         | 16.927 | 266  | 286731m   | 37.240   | ng/u1  |          |
| 72) Phenanthrene              | 17.321 | 178  | 7544961   | 136.482  | ng/u1  | 98       |
| 74) Anthracene                | 17.404 | 178  | 563558    | 10.162   | ng/u1  | 98       |
| 77) Carbazole                 | 17.698 | 167  | 18238250  | 374.204  | ng/u1# | 88       |
| 80) Fluoranthene              | 19.280 | 202  | 666051    | 11.097   | ng/u1# | 95       |
| 82) Pyrene                    | 19.633 | 202  | 341173    | 5.447    | ng/u1  | 95       |
| -----                         |        |      |           |          |        |          |

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

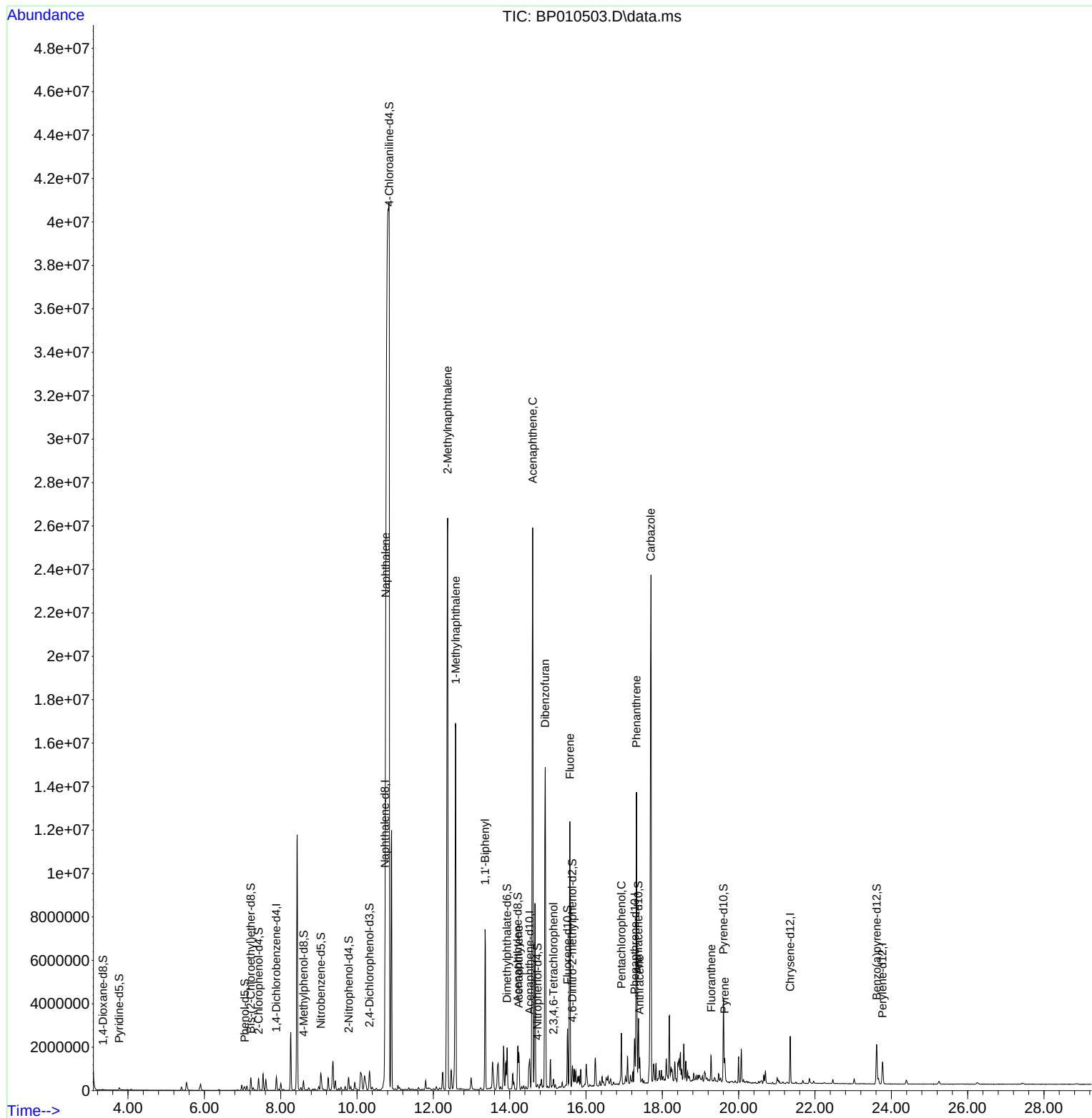
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052322\  
 Data File : BP010503.D  
 Acq On : 24 May 2022 06:43  
 Operator : CG/JU  
 Sample : N2918-03  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

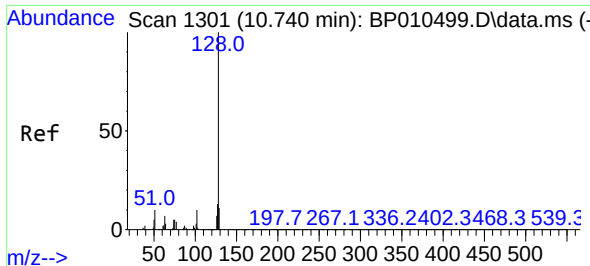
Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBTE0

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/24/2022  
 Supervised By :Yogesh Patel 05/26/2022

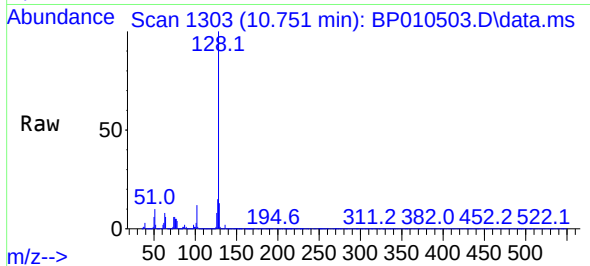
Quant Time: May 24 07:26:29 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP051322.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue May 24 05:50:40 2022  
 Response via : Initial Calibration





#30  
Naphthalene  
Concen: 1653.181 ng/ul m  
RT: 10.751 min Scan# 1303  
Delta R.T. 0.011 min  
Lab File: BP010503.D  
Acq: 24 May 2022 06:43

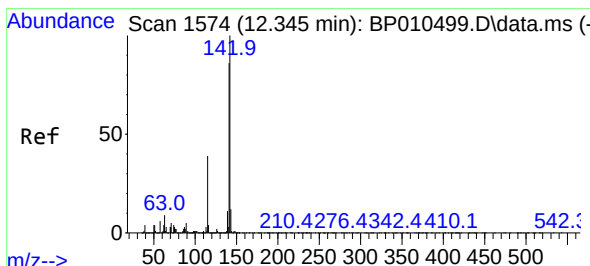
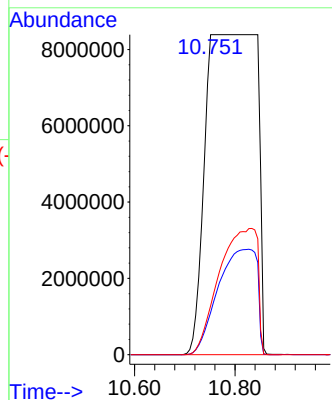
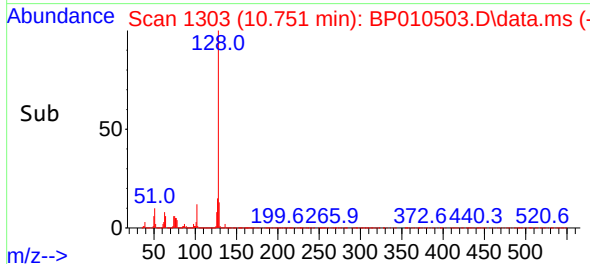
Instrument :  
BNA\_P  
ClientSampleId :  
DBTE0



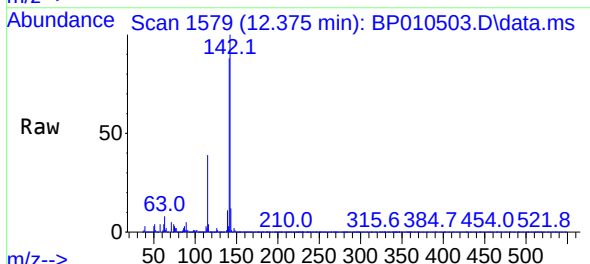
Tgt Ion:128 Resp:58961779  
Ion Ratio Lower Upper  
128 100  
129 13.2 8.6 13.0  
127 15.2 12.2 18.4

Manual Integrations  
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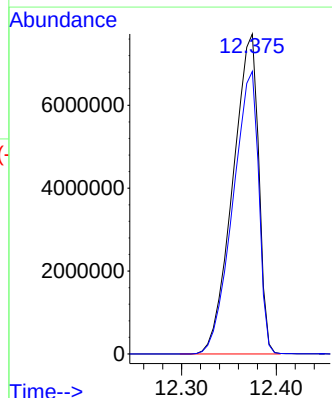
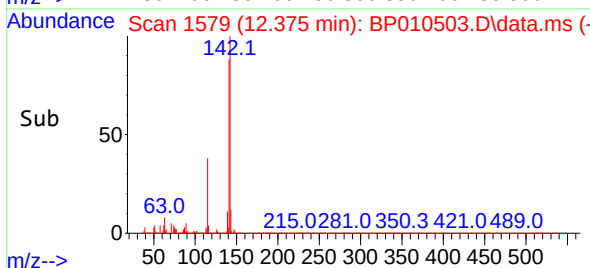
Reviewed By :Jagrut Upadhyay 05/24/2022  
Supervised By :Yogesh Patel 05/26/2022

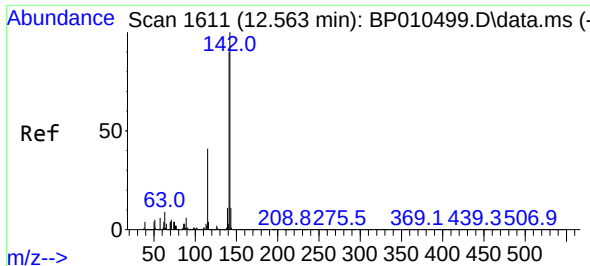


#36  
2-Methylnaphthalene  
Concen: 579.177 ng/ul  
RT: 12.375 min Scan# 1579  
Delta R.T. 0.029 min  
Lab File: BP010503.D  
Acq: 24 May 2022 06:43



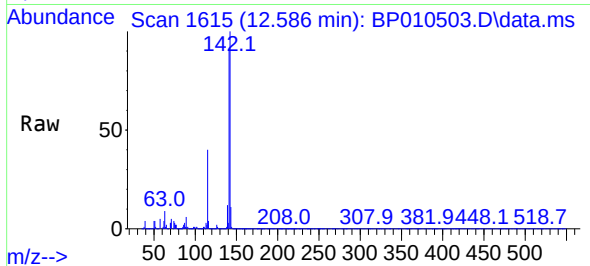
Tgt Ion:142 Resp:14623685  
Ion Ratio Lower Upper  
142 100  
141 88.3 64.3 96.5





#37  
1-Methylnaphthalene  
Concen: 316.859 ng/ul  
RT: 12.586 min Scan# 10  
Delta R.T. 0.023 min  
Lab File: BP010503.D  
Acq: 24 May 2022 06:43

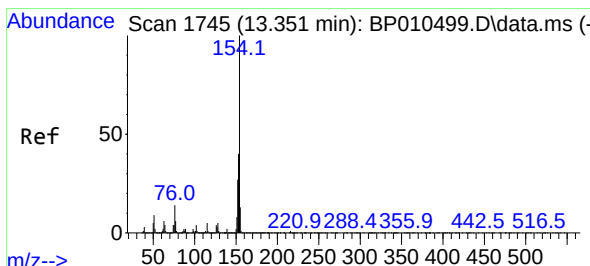
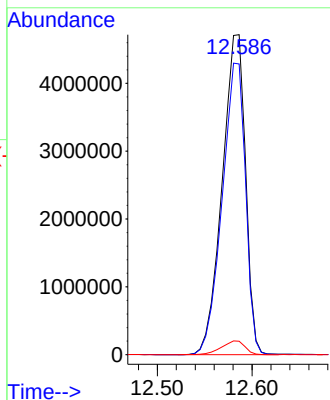
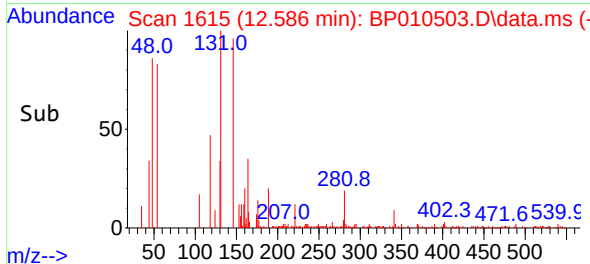
Instrument :  
BNA\_P  
ClientSampleId :  
DBTE0



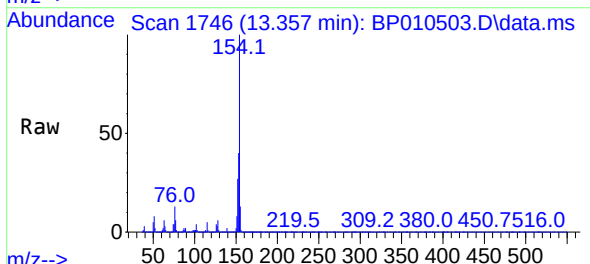
Tgt Ion:142 Resp: 8077850  
Ion Ratio Lower Upper  
142 100  
141 90.9 69.8 104.8  
116 4.2 5.6 8.4

Manual Integrations  
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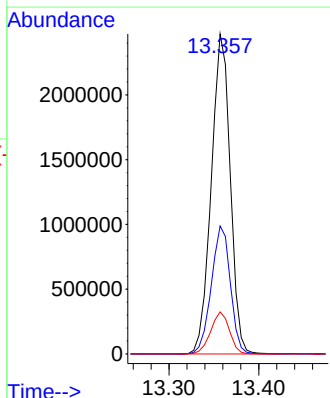
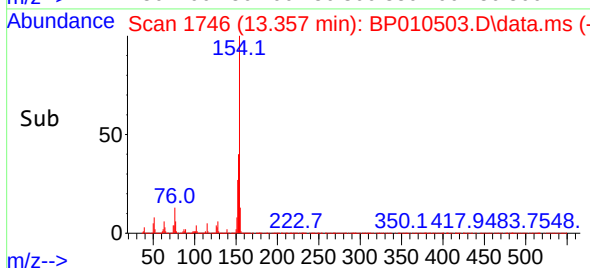
Reviewed By :Jagrut Upadhyay 05/24/2022  
Supervised By :Yogesh Patel 05/26/2022

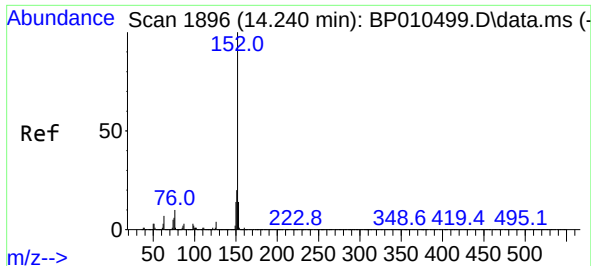


#43  
1,1'-Biphenyl  
Concen: 101.186 ng/ul  
RT: 13.357 min Scan# 1746  
Delta R.T. 0.006 min  
Lab File: BP010503.D  
Acq: 24 May 2022 06:43



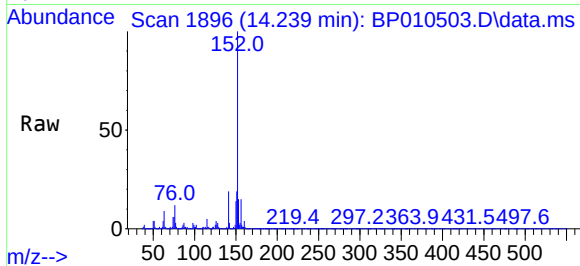
Tgt Ion:154 Resp: 3622437  
Ion Ratio Lower Upper  
154 100  
153 40.0 28.6 43.0  
76 13.1 8.5 12.7





#50  
Acenaphthylene  
Concen: 18.367 ng/ul  
RT: 14.239 min Scan# 1896  
Delta R.T. -0.000 min  
Lab File: BP010503.D  
Acq: 24 May 2022 06:43

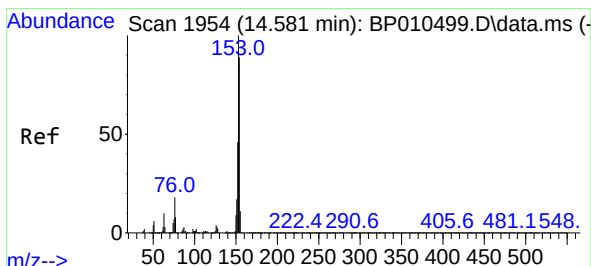
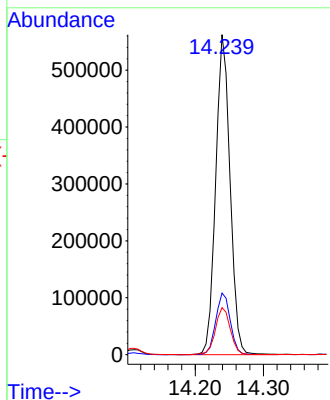
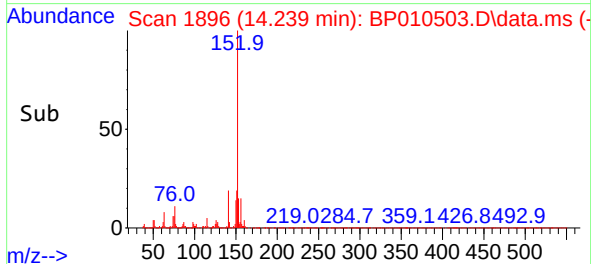
Instrument :  
BNA\_P  
ClientSampleId :  
DBTE0



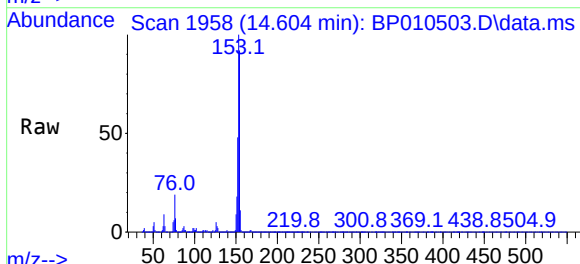
Tgt Ion:152 Resp: 823597  
Ion Ratio Lower Upper  
152 100  
151 19.2 18.3 27.5  
153 14.7 11.0 16.6

Manual Integrations  
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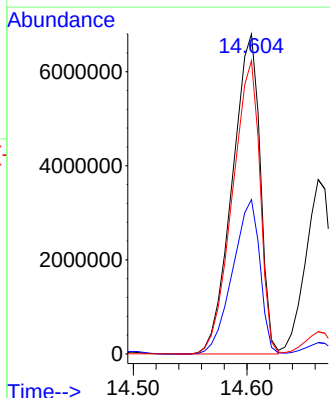
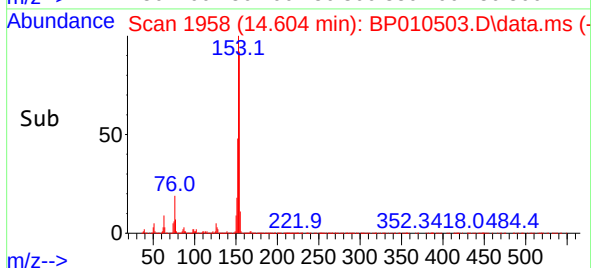
Reviewed By :Jagrut Upadhyay 05/24/2022  
Supervised By :Yogesh Patel 05/26/2022

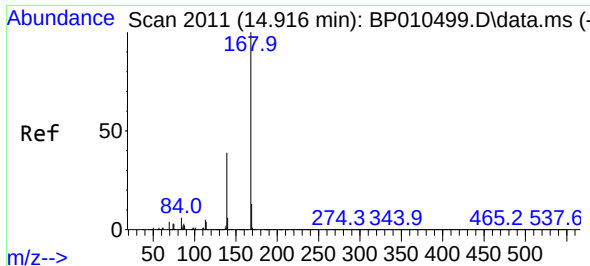


#52  
Acenaphthene  
Concen: 395.409 ng/ul  
RT: 14.604 min Scan# 1958  
Delta R.T. 0.023 min  
Lab File: BP010503.D  
Acq: 24 May 2022 06:43



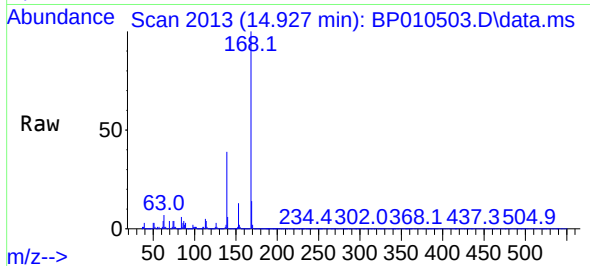
Tgt Ion:153 Resp:11566363  
Ion Ratio Lower Upper  
153 100  
152 48.2 34.3 51.5  
154 91.7 70.0 105.0





#56  
Dibenzofuran  
Concen: 197.311 ng/ul  
RT: 14.927 min Scan# 2011  
Delta R.T. 0.011 min  
Lab File: BP010503.D  
Acq: 24 May 2022 06:43

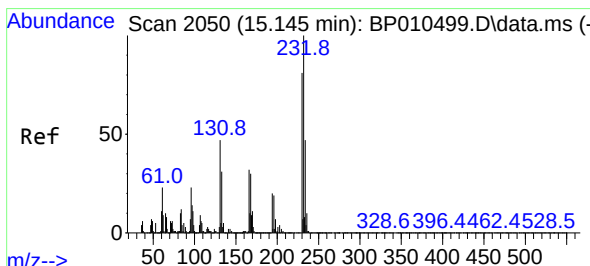
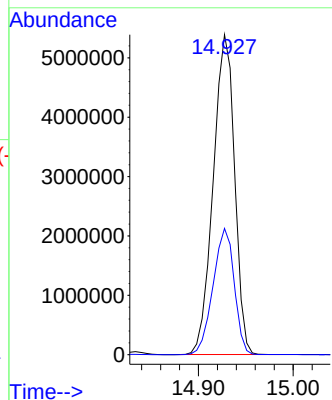
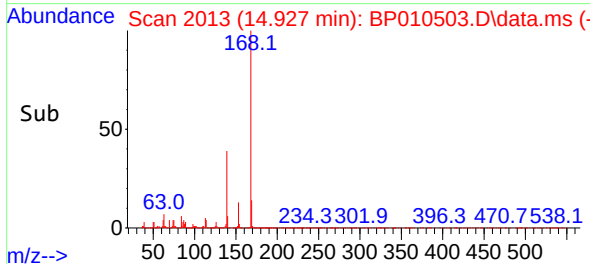
Instrument :  
BNA\_P  
ClientSampleId :  
DBTE0



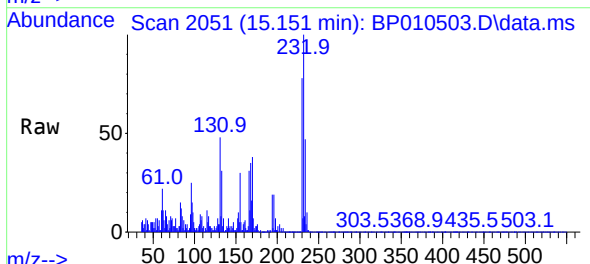
Tgt Ion:168 Resp: 845845  
Ion Ratio Lower Upper  
168 100  
139 39.5 30.1 45.1

Manual Integrations  
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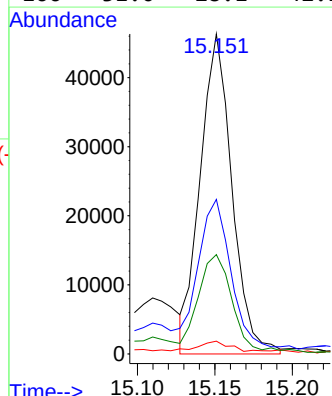
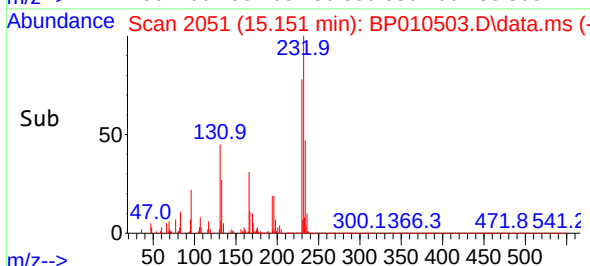
Reviewed By :Jagrut Upadhyay 05/24/2022  
Supervised By :Yogesh Patel 05/26/2022

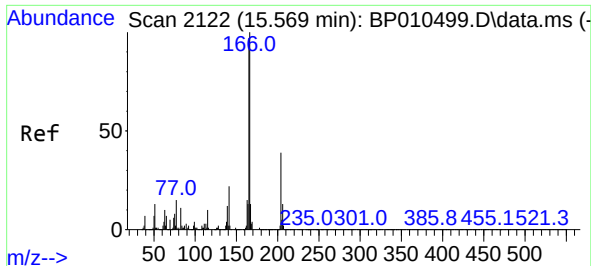


#58  
2,3,4,6-Tetrachlorophenol  
Concen: 7.410 ng/ul  
RT: 15.151 min Scan# 2051  
Delta R.T. 0.006 min  
Lab File: BP010503.D  
Acq: 24 May 2022 06:43



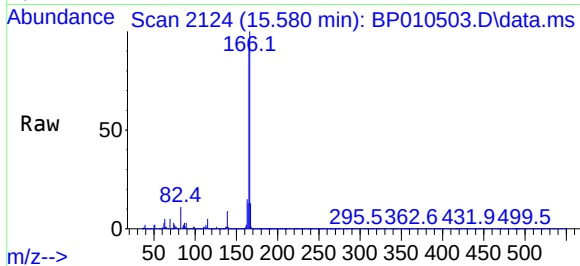
Tgt Ion:232 Resp: 66011  
Ion Ratio Lower Upper  
232 100  
131 48.3 25.4 38.2#  
130 4.0 4.2 6.2#  
166 31.0 28.1 42.1





#61  
Fluorene  
Concen: 164.043 ng/ul  
RT: 15.580 min Scan# 2122  
Delta R.T. 0.011 min  
Lab File: BP010503.D  
Acq: 24 May 2022 06:43

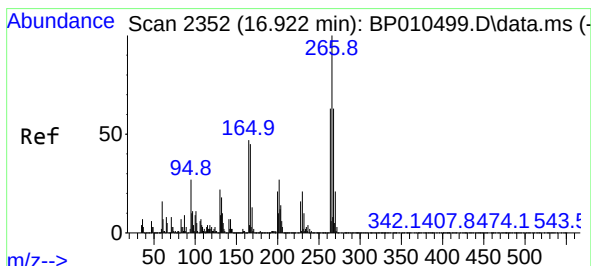
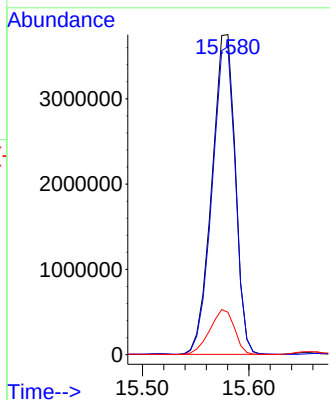
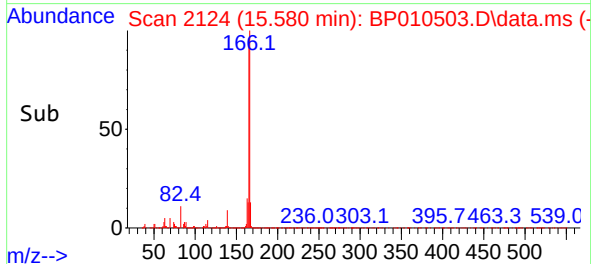
Instrument :  
BNA\_P  
ClientSampleId :  
DBTE0



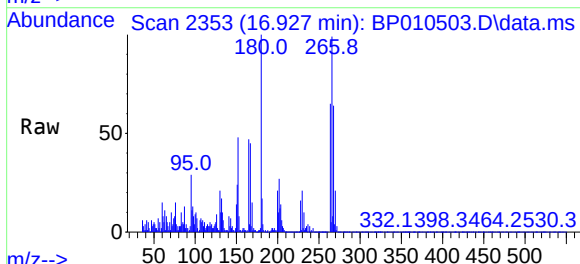
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167 13.3 9.5 14.3

Manual Integrations  
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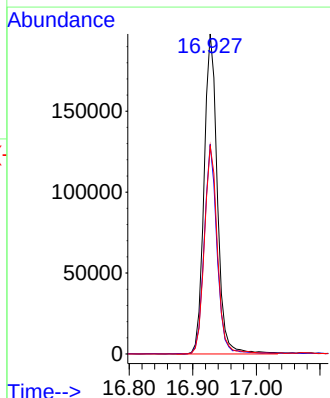
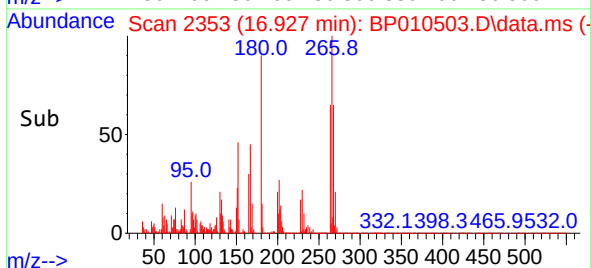
Reviewed By :Jagrut Upadhyay 05/24/2022  
Supervised By :Yogesh Patel 05/26/2022

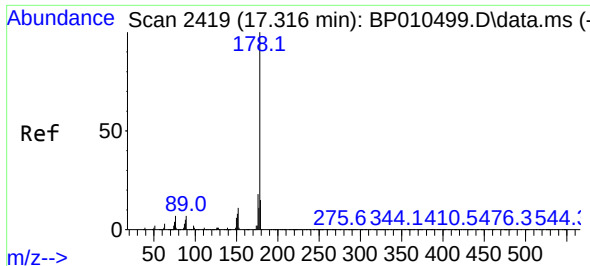


#71  
Pentachlorophenol  
Concen: 37.240 ng/ul m  
RT: 16.927 min Scan# 2353  
Delta R.T. 0.006 min  
Lab File: BP010503.D  
Acq: 24 May 2022 06:43



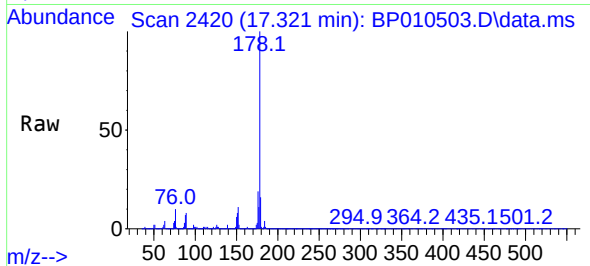
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Ion Ratio Lower Upper  
266 100  
264 65.5 57.3 85.9  
268 64.9 65.7 98.5#





#72  
Phenanthrene  
Concen: 136.482 ng/u1  
RT: 17.321 min Scan# 2419  
Delta R.T. 0.006 min  
Lab File: BP010503.D  
Acq: 24 May 2022 06:43

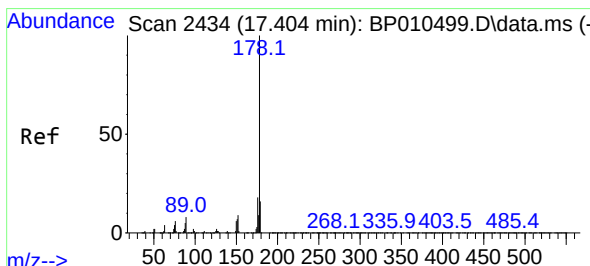
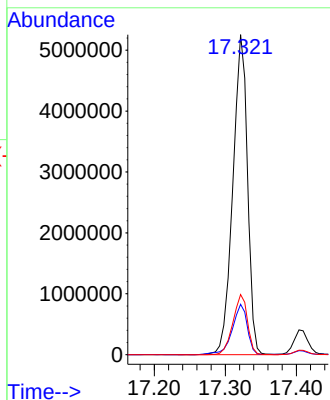
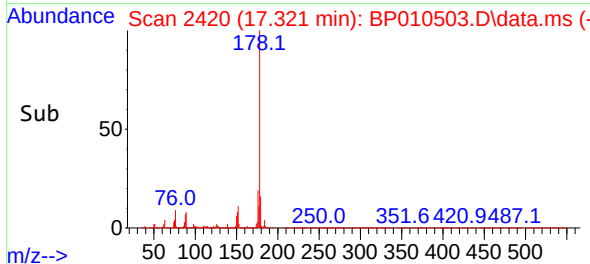
Instrument :  
BNA\_P  
ClientSampleId :  
DBTE0



Tgt Ion:178 Resp: 754496  
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178 100  
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176 18.8 14.5 21.7

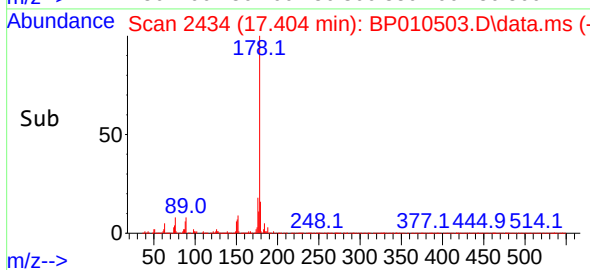
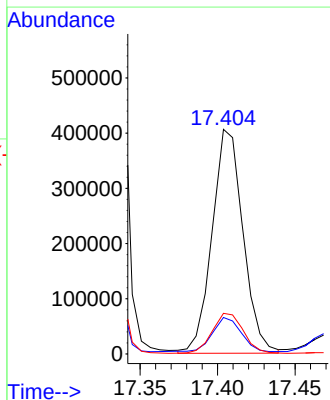
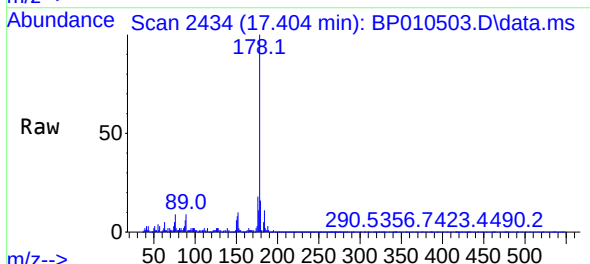
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 05/24/2022  
Supervised By :Yogesh Patel 05/26/2022

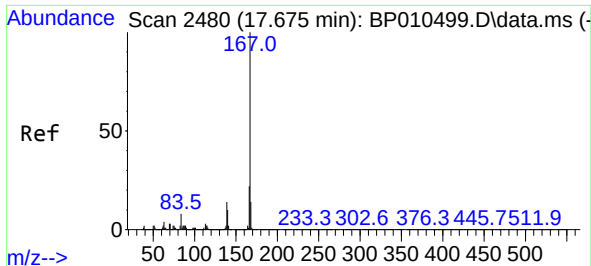


#74  
Anthracene  
Concen: 10.162 ng/u1  
RT: 17.404 min Scan# 2434  
Delta R.T. -0.000 min  
Lab File: BP010503.D  
Acq: 24 May 2022 06:43

Tgt Ion:178 Resp: 563558  
Ion Ratio Lower Upper  
178 100  
179 16.2 12.3 18.5  
176 18.1 13.4 20.2

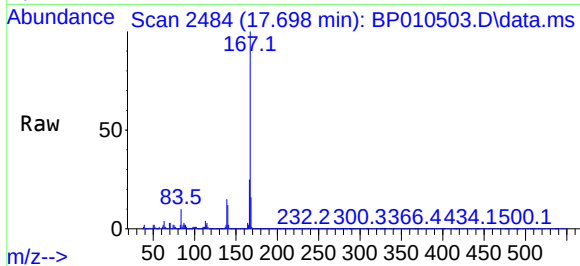






#77  
 Carbazole  
 Concen: 374.204 ng/u1  
 RT: 17.698 min Scan# 2484  
 Delta R.T. 0.023 min  
 Lab File: BP010503.D  
 Acq: 24 May 2022 06:43

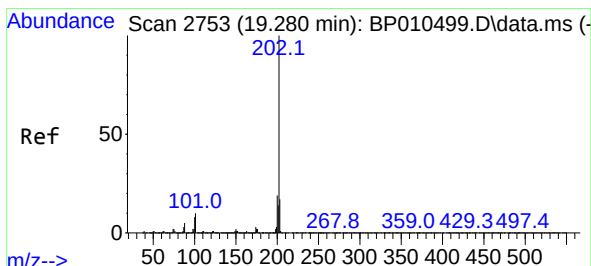
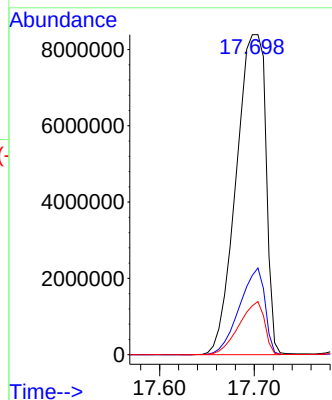
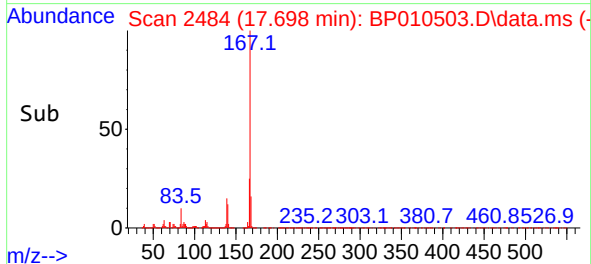
Instrument :  
 BNA\_P  
 ClientSampleId :  
 DBTE0



Tgt Ion:167 Resp:18238250  
 Ion Ratio Lower Upper  
 167 100  
 166 24.8 15.8 23.8  
 139 15.3 8.3 12.5

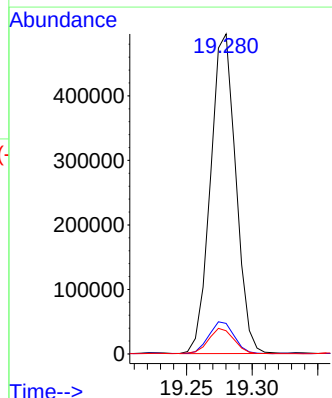
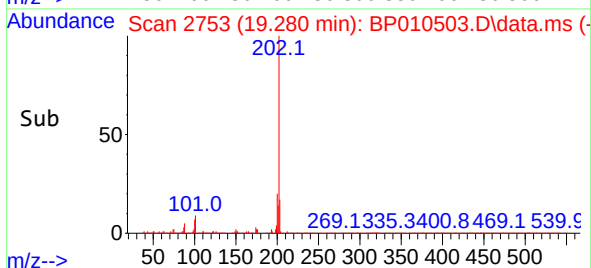
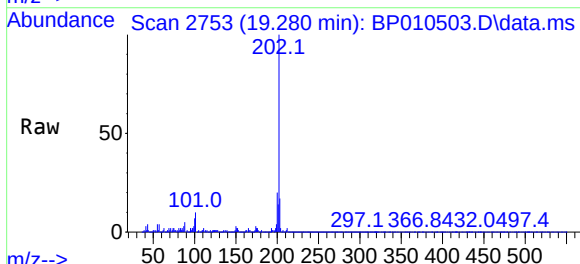
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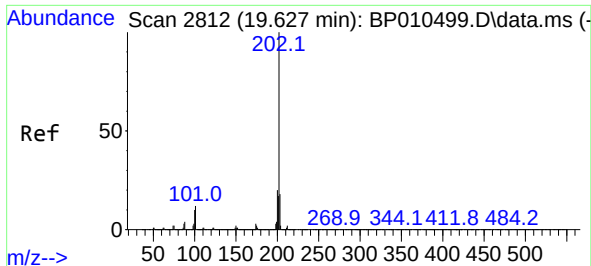
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#80  
 Fluoranthene  
 Concen: 11.097 ng/u1  
 RT: 19.280 min Scan# 2753  
 Delta R.T. -0.000 min  
 Lab File: BP010503.D  
 Acq: 24 May 2022 06:43

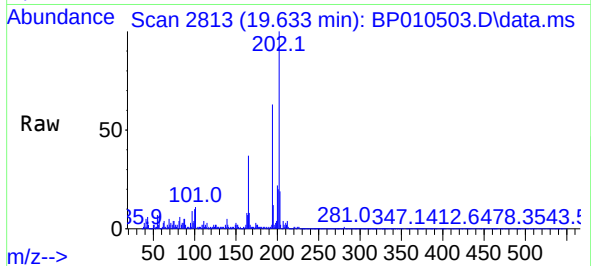
Tgt Ion:202 Resp: 666051  
 Ion Ratio Lower Upper  
 202 100  
 101 9.6 9.6 14.4  
 100 7.3 6.3 9.5





#82  
Pyrene  
Concen: 5.447 ng/ul  
RT: 19.633 min Scan# 2813  
Delta R.T. 0.006 min  
Lab File: BP010503.D  
Acq: 24 May 2022 06:43

Instrument :  
BNA\_P  
ClientSampleId :  
DBTE0



Tgt Ion: 202 Resp: 34117  
Ion Ratio Lower Upper  
202 100  
101 11.1 10.6 15.8  
100 10.5 9.8 14.6

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