

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP032423\  
 Data File : BP014283.D  
 Acq On : 24 Mar 2023 10:20  
 Operator : CG/JU  
 Sample : 02037-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 E45E4

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 03/27/2023  
 Supervised By : Jagrut Upadhyay 03/27/2023

Quant Time: Mar 24 22:33:46 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP030723.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 24 22:30:41 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.034  | 152  | 166890   | 20.000  | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.858 | 136  | 739683   | 20.000  | ng/u1  | # 0.00   |
| 38) Acenaphthene-d10          | 14.681 | 164  | 530205   | 20.000  | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.440 | 188  | 1249177  | 20.000  | ng/u1  | #-0.01   |
| 79) Chrysene-d12              | 21.516 | 240  | 1211727  | 20.000  | ng/u1  | #-0.02   |
| 88) Perylene-d12              | 24.039 | 264  | 1177851  | 20.000  | ng/u1  | -0.02    |
|                               |        |      |          |         |        |          |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.399  | 96   | 18563    | 4.203   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.840  | 84   | 96567    | 7.896   | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.199  | 99   | 95136    | 6.460   | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.364  | 67   | 273448   | 31.836  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.569  | 132  | 242386   | 21.602  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.752  | 113  | 178325   | 14.823  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.216  | 128  | 193066   | 32.712  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.934  | 143  | 187308   | 26.513  | ng/u1  | -0.01    |
| 28) 2,4-Dichlorophenol-d3     | 10.481 | 165  | 331187   | 24.914  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.999 | 131  | 187605   | 10.664  | ng/u1  | -0.01    |
| 46) Dimethylphthalate-d6      | 14.087 | 166  | 1265149  | 28.116  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.375 | 160  | 1378344  | 28.916  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.904 | 143  | 36320m   | 4.580   | ng/u1  | 0.01     |
| 60) Fluorene-d10              | 15.675 | 176  | 1099546  | 28.833  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.798 | 200  | 225418   | 23.876  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.534 | 188  | 1813294  | 29.902  | ng/u1  | -0.01    |
| 81) Pyrene-d10                | 19.763 | 212  | 2182154  | 32.652  | ng/u1  | -0.01    |
| 92) Benzo(a)pyrene-d12        | 23.874 | 264  | 1902848  | 30.371  | ng/u1  | -0.02    |
|                               |        |      |          |         |        |          |
| Target Compounds              |        |      |          |         |        |          |
| 2) 1,4-Dioxane                | 3.434  | 88   | 881828   | 184.930 | ng/uL  | 91       |
| 13) 2-Methylphenol            | 8.481  | 108  | 55930    | 4.952   | ng/u1  | 99       |
| 18) 4-Methylphenol            | 8.811  | 108  | 159196   | 12.816  | ng/u1  | 90       |
| 26) 2,4-Dimethylphenol        | 10.022 | 107  | 87839m   | 5.511   | ng/u1  |          |
| 30) Naphthalene               | 10.910 | 128  | 5423673  | 133.528 | ng/u1  | 99       |
| 36) 2-Methylnaphthalene       | 12.510 | 142  | 297625   | 10.447  | ng/u1  | 98       |
| 37) 1-Methylnaphthalene       | 12.728 | 142  | 190232   | 6.643   | ng/u1# | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.398 | 149  | 129608   | 2.706   | ng/u1  | 98       |
| -----                         |        |      |          |         |        |          |

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

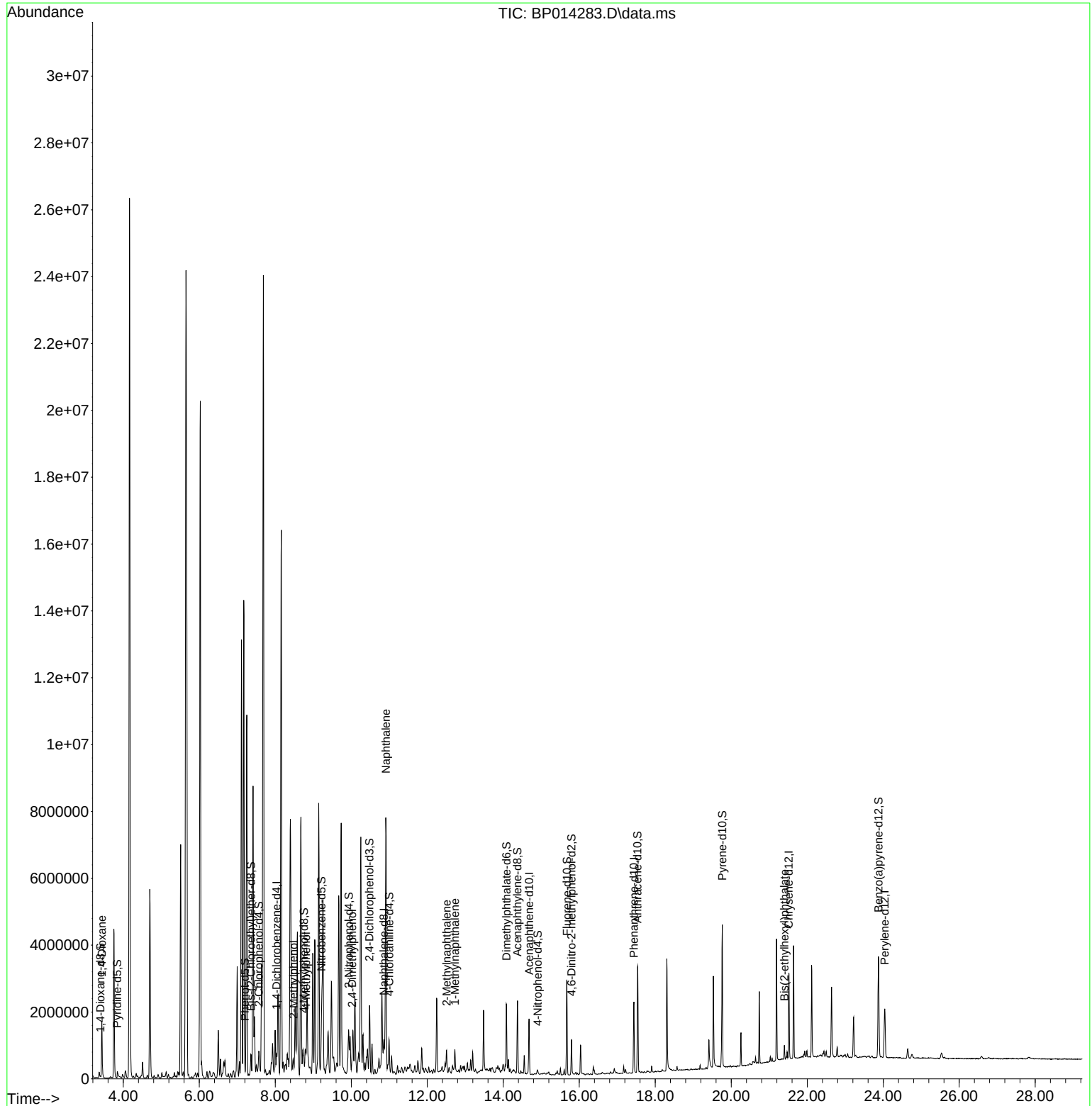
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP032423\  
Data File : BP014283.D  
Acq On : 24 Mar 2023 10:20  
Operator : CG/JU  
Sample : 02037-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

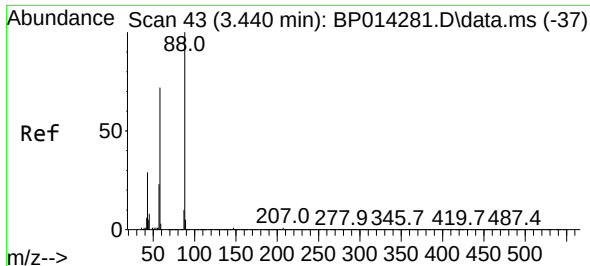
Instrument :  
BNA\_P  
ClientSampleId :  
E45E4

Manual Integrations  
APPROVED

Reviewed By : Christian Giraldo 03/27/2023  
Supervised By : Jagrut Upadhyay 03/27/2023

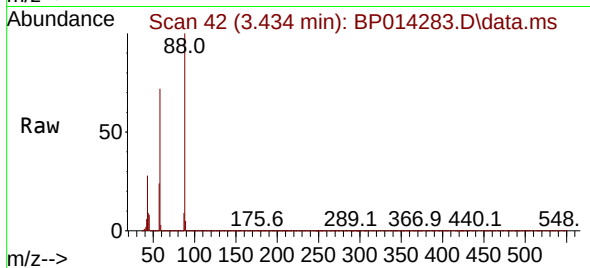
Quant Time: Mar 24 22:33:46 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP030723.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Mar 24 22:30:41 2023  
Response via : Initial Calibration





#2  
1,4-Dioxane  
Concen: 184.930 ng/uL  
RT: 3.434 min Scan# 41  
Delta R.T. -0.006 min  
Lab File: BP014283.D  
Acq: 24 Mar 2023 10:20

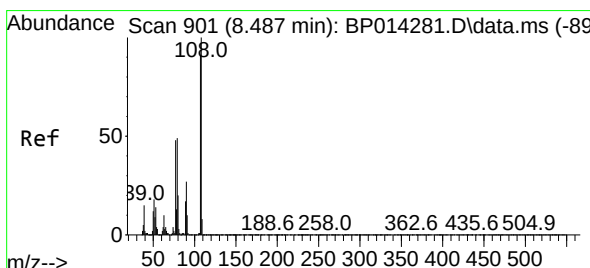
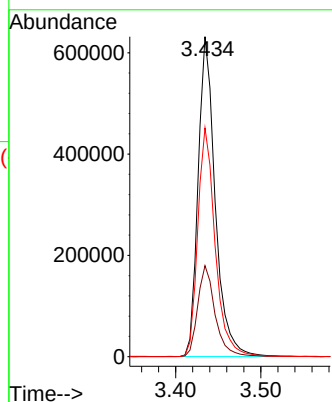
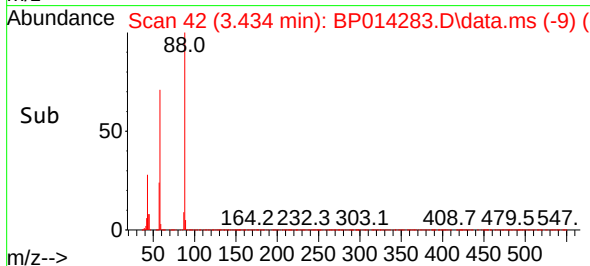
Instrument :  
BNA\_P  
ClientSampleId :  
E45E4



Tgt Ion: 88 Resp: 881828  
Ion Ratio Lower Upper  
88 100  
43 28.5 23.9 35.9  
58 71.5 50.2 75.2

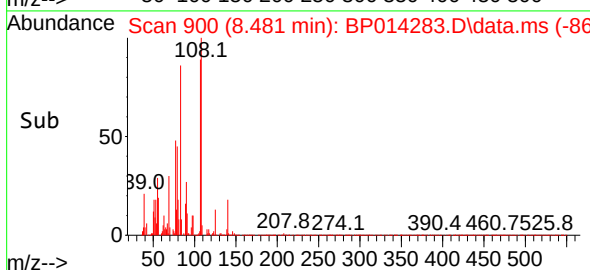
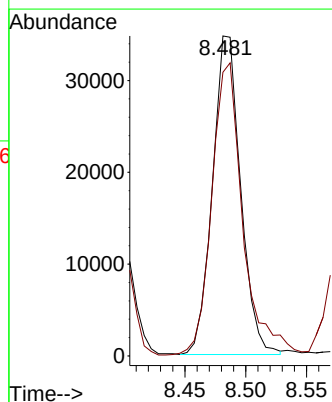
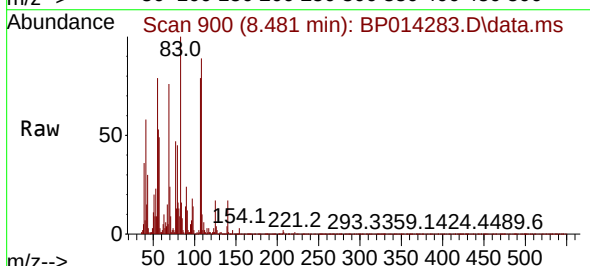
Manual Integrations  
APPROVED

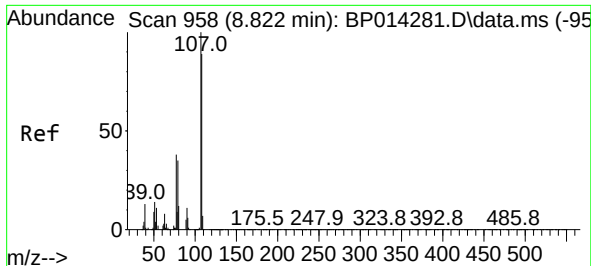
Reviewed By :Christian Giraldo 03/27/2023  
Supervised By :Jagrut Upadhyay 03/27/2023



#13  
2-Methylphenol  
Concen: 4.952 ng/uL  
RT: 8.481 min Scan# 900  
Delta R.T. -0.006 min  
Lab File: BP014283.D  
Acq: 24 Mar 2023 10:20

Tgt Ion:108 Resp: 55930  
Ion Ratio Lower Upper  
108 100  
107 88.6 70.5 105.7





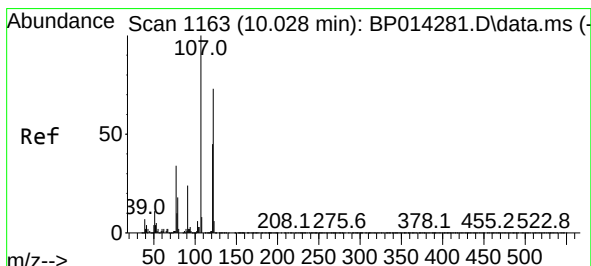
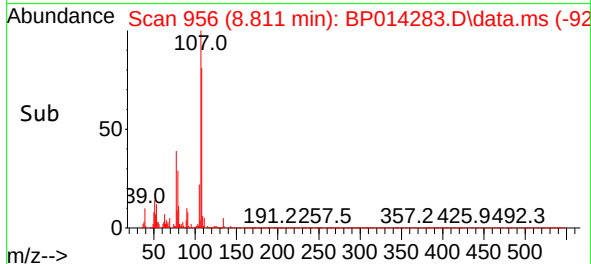
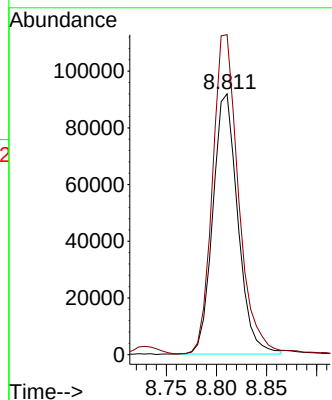
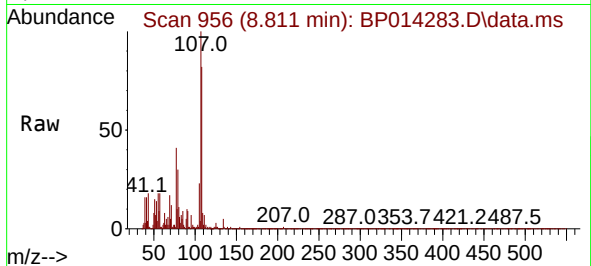
#18  
4-Methylphenol  
Concen: 12.816 ng/ul  
RT: 8.811 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: BP014283.D  
Acq: 24 Mar 2023 10:20

Instrument :  
BNA\_P  
ClientSampleId :  
E45E4

Tgt Ion:108 Resp: 159190  
Ion Ratio Lower Upper  
108 100  
107 122.7 89.8 134.6

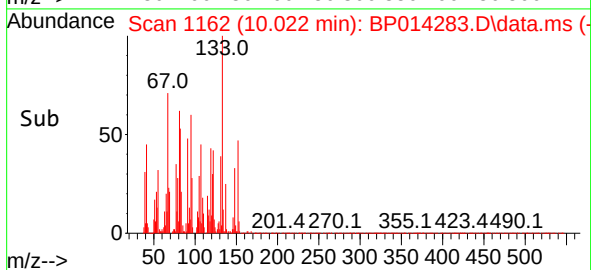
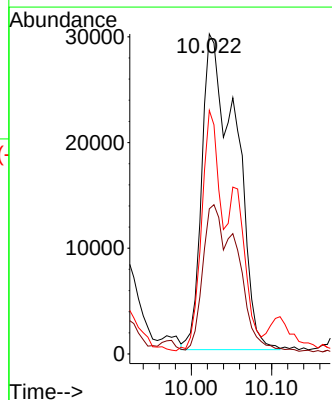
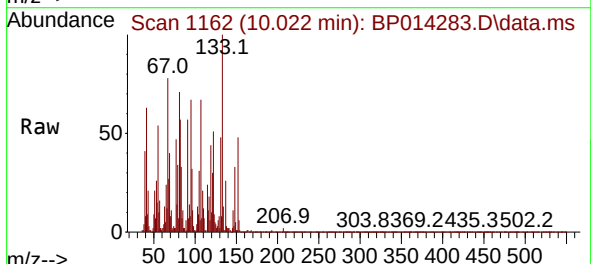
Manual Integrations  
APPROVED

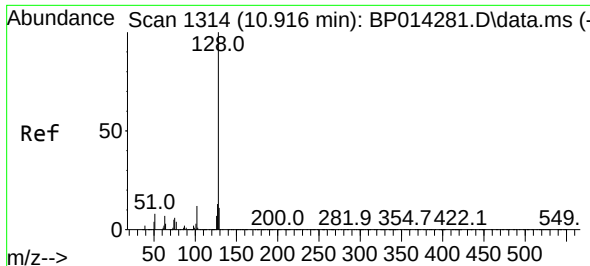
Reviewed By :Christian Giraldo 03/27/2023  
Supervised By :Jagrut Upadhyay 03/27/2023



#26  
2,4-Dimethylphenol  
Concen: 5.511 ng/ul m  
RT: 10.022 min Scan# 1162  
Delta R.T. -0.006 min  
Lab File: BP014283.D  
Acq: 24 Mar 2023 10:20

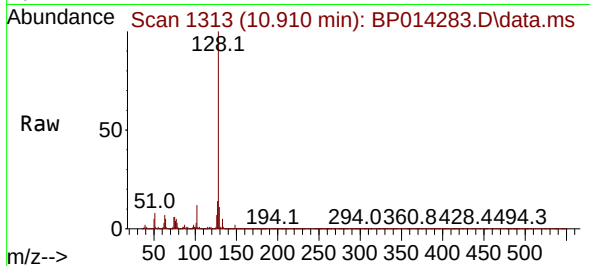
Tgt Ion:107 Resp: 87839  
Ion Ratio Lower Upper  
107 100  
121 45.4 37.1 55.7  
122 76.1 61.2 91.8





#30  
Naphthalene  
Concen: 133.528 ng/ul  
RT: 10.910 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BP014283.D  
Acq: 24 Mar 2023 10:20

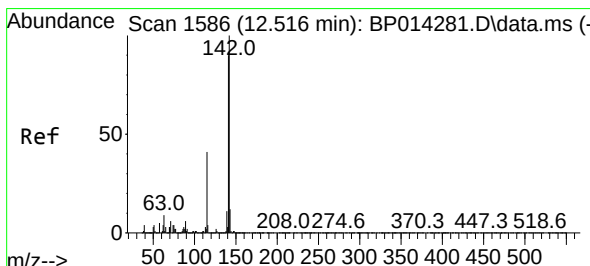
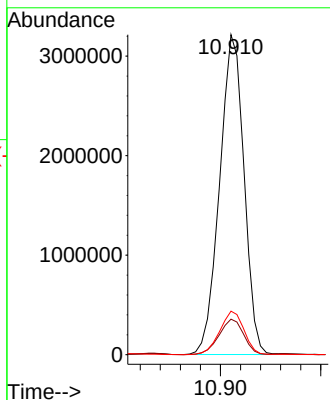
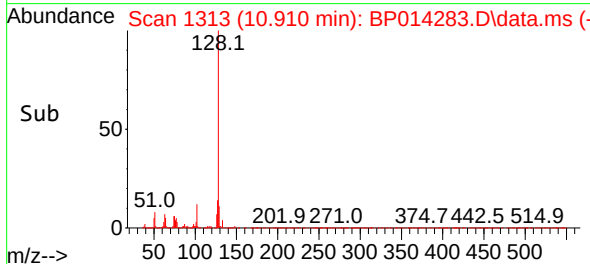
Instrument :  
BNA\_P  
ClientSampleId :  
E45E4



Tgt Ion:128 Resp: 542367  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.5 12.7  
127 13.6 11.0 16.4

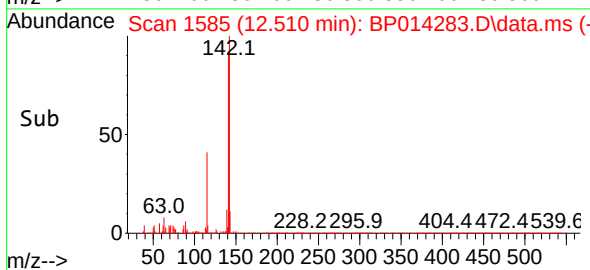
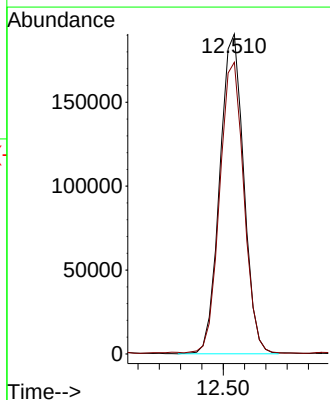
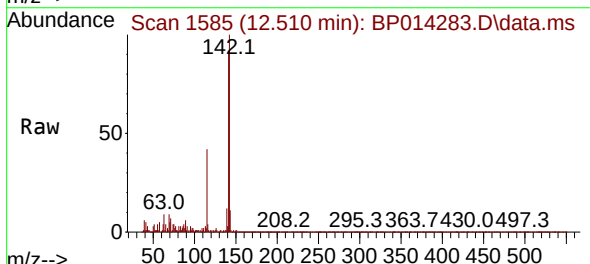
Manual Integrations  
APPROVED

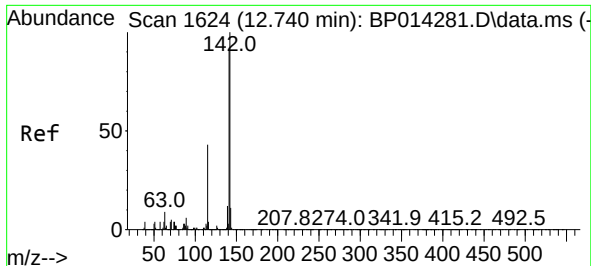
Reviewed By :Christian Giraldo 03/27/2023  
Supervised By :Jagrut Upadhyay 03/27/2023



#36  
2-Methylnaphthalene  
Concen: 10.447 ng/ul  
RT: 12.510 min Scan# 1585  
Delta R.T. -0.006 min  
Lab File: BP014283.D  
Acq: 24 Mar 2023 10:20

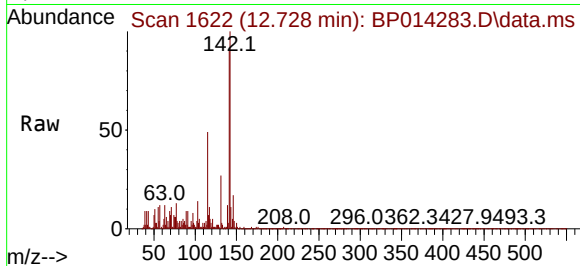
Tgt Ion:142 Resp: 297625  
Ion Ratio Lower Upper  
142 100  
141 91.2 71.7 107.5





#37  
1-Methylnaphthalene  
Concen: 6.643 ng/ul  
RT: 12.728 min Scan# 1622  
Delta R.T. -0.012 min  
Lab File: BP014283.D  
Acq: 24 Mar 2023 10:20

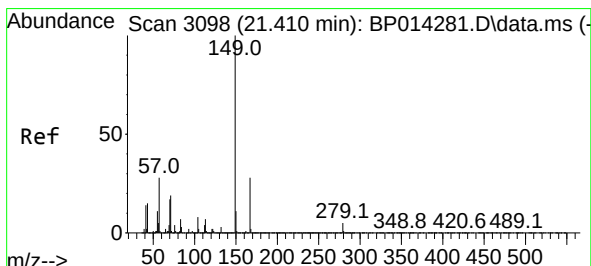
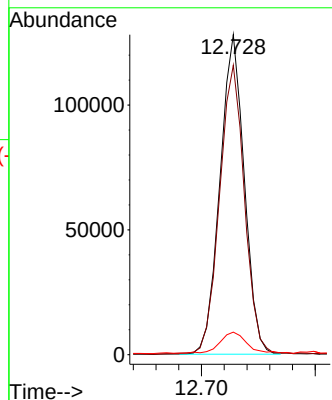
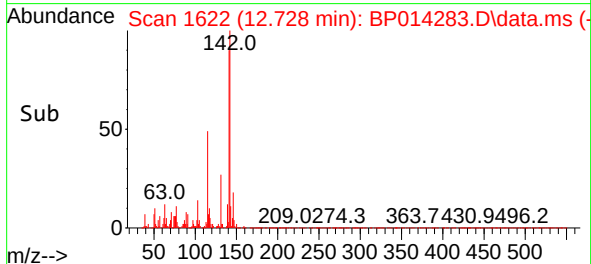
Instrument :  
BNA\_P  
ClientSampleId :  
E45E4



Tgt Ion:142 Resp: 19023  
Ion Ratio Lower Upper  
142 100  
141 90.5 73.8 110.6  
116 7.1 3.7 5.5

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 03/27/2023  
Supervised By :Jagrut Upadhyay 03/27/2023



#86  
Bis(2-ethylhexyl)phthalate  
Concen: 2.706 ng/ul  
RT: 21.398 min Scan# 3096  
Delta R.T. -0.012 min  
Lab File: BP014283.D  
Acq: 24 Mar 2023 10:20

Tgt Ion:149 Resp: 129608  
Ion Ratio Lower Upper  
149 100  
167 27.0 22.3 33.5  
279 5.0 4.3 6.5

