

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110222\  
 Data File : BP012497.D  
 Acq On : 03 Nov 2022 19:33  
 Operator : CG/JU  
 Sample : N5319-04  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BHA99

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/05/2022  
 Supervised By :mohammad ahmed 11/06/2022

Quant Time: Nov 03 23:06:02 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP102522.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Nov 03 00:09:04 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.781  | 152  | 288379   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.581 | 136  | 1372548  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.434 | 164  | 911290   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.198 | 188  | 1958415  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.292 | 240  | 1622479  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.674 | 264  | 1400029  | 20.000 | ng/u1  | 0.00     |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.234  | 96   | 27287    | 3.810  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.658  | 84   | 168985   | 8.214  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.963  | 99   | 195929   | 7.575  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.122  | 67   | 497112   | 32.195 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.316  | 132  | 531298   | 28.128 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.504  | 113  | 377882   | 18.472 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.952  | 128  | 346488   | 38.928 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.669  | 143  | 374196   | 40.505 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.210 | 165  | 687912   | 34.359 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.734 | 131  | 736728   | 24.714 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.851 | 166  | 2305243  | 36.953 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.128 | 160  | 2491783  | 34.953 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.687 | 143  | 72013m   | 6.099  | ng/u1  | 0.02     |
| 60) Fluorene-d10              | 15.434 | 176  | 1911278  | 35.785 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.569 | 200  | 313792   | 30.775 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.292 | 188  | 3122291  | 37.001 | ng/u1  | -0.01    |
| 81) Pyrene-d10                | 19.539 | 212  | 3406404  | 41.817 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.521 | 264  | 2603272  | 38.055 | ng/u1  | 0.00     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        |        |          |
| 2) 1,4-Dioxane                | 3.269  | 88   | 15350    | 2.016  | ng/uL# | 95       |
| 8) Phenol                     | 6.987  | 94   | 28381    | 1.055  | ng/u1# | 82       |
| 10) Bis(2-Chloroethyl)ether   | 7.216  | 93   | 46317    | 2.146  | ng/u1  | 97       |
| 13) 2-Methylphenol            | 8.240  | 108  | 21675    | 1.048  | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.563  | 108  | 24833    | 1.099  | ng/u1  | 86       |
| 30) Naphthalene               | 10.634 | 128  | 96809    | 1.331  | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.757 | 127  | 30758    | 1.003  | ng/u1  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.198 | 149  | 99299    | 1.672  | ng/u1  | 99       |
| -----                         |        |      |          |        |        |          |

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

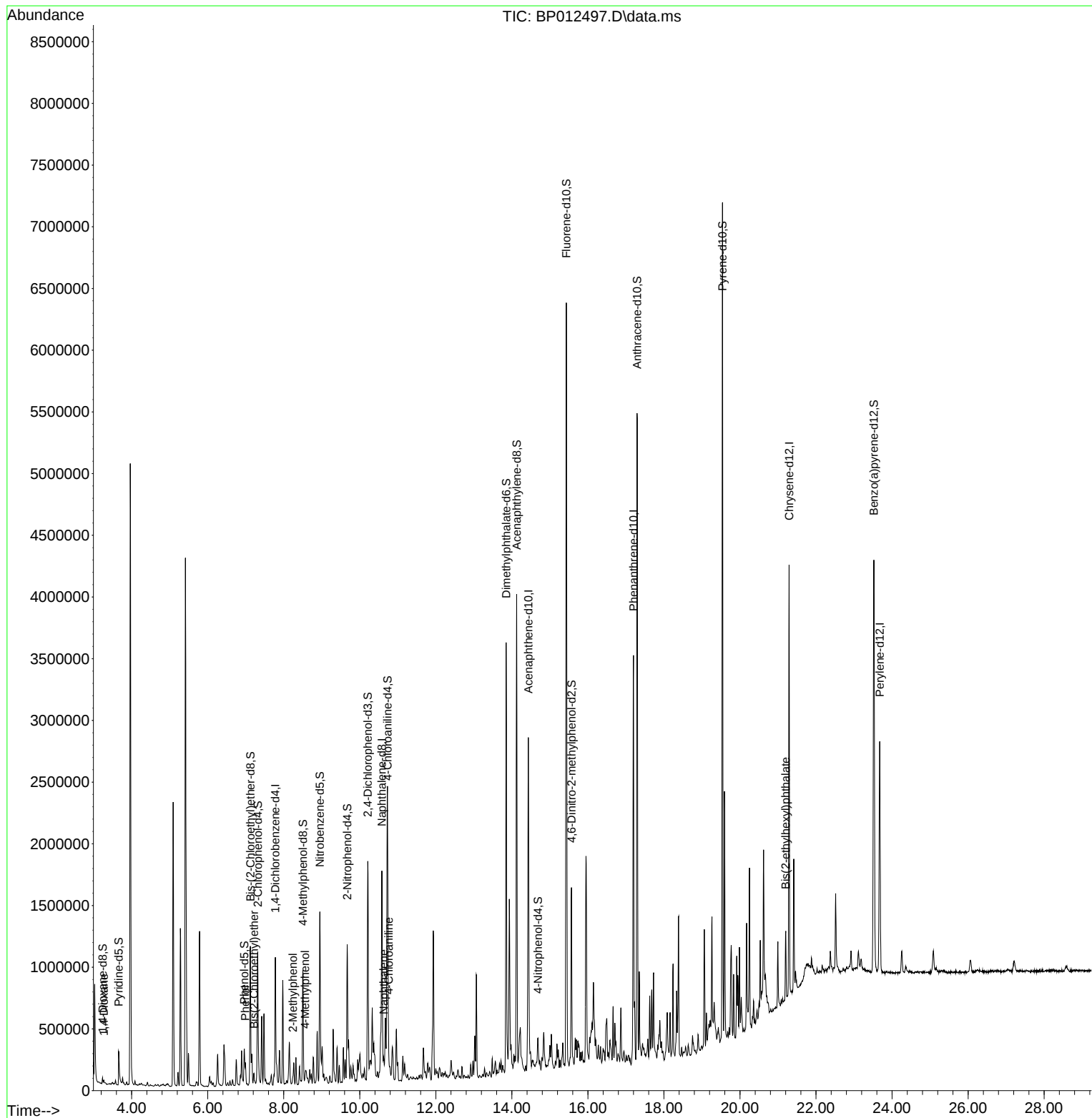
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP110222\  
Data File : BP012497.D  
Acq On : 03 Nov 2022 19:33  
Operator : CG/JU  
Sample : N5319-04  
Misc :  
ALS Vial : 53 Sample Multiplier: 1

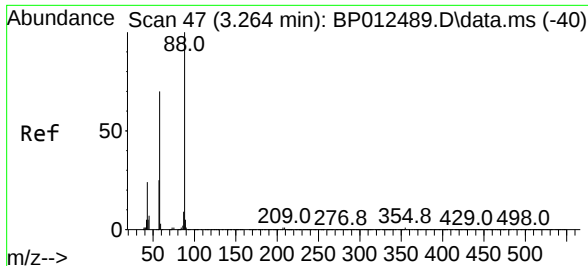
Instrument :  
BNA\_P  
ClientSampleId :  
BHA99

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Supervised By :mohammad ahmed 11/06/2022

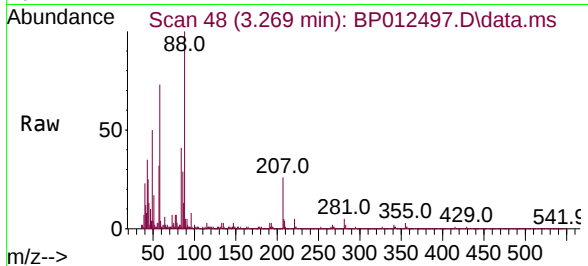
Quant Time: Nov 03 23:06:02 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP102522.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Nov 03 00:09:04 2022  
Response via : Initial Calibration





#2  
1,4-Dioxane  
Concen: 2.016 ng/uL  
RT: 3.269 min Scan# 48  
Delta R.T. 0.000 min  
Lab File: BP012497.D  
Acq: 03 Nov 2022 19:33

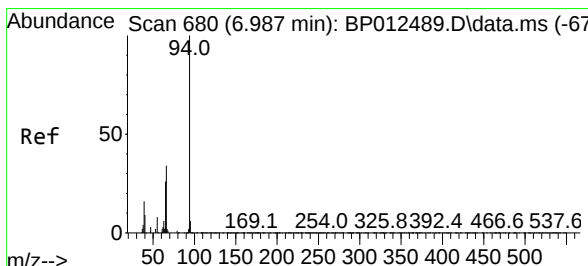
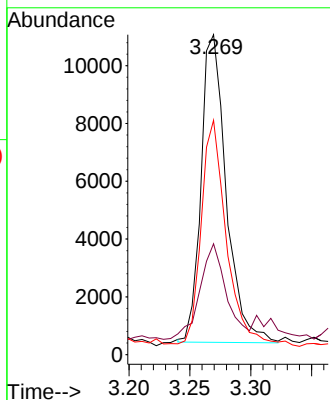
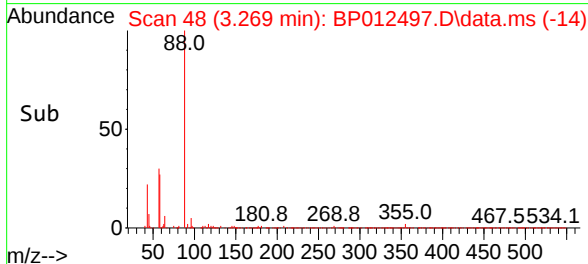
Instrument :  
BNA\_P  
ClientSampleId :  
BHA99



Tgt Ion: 88 Resp: 15350  
Ion Ratio Lower Upper  
88 100  
43 34.6 20.6 31.0#  
58 73.2 58.0 87.0

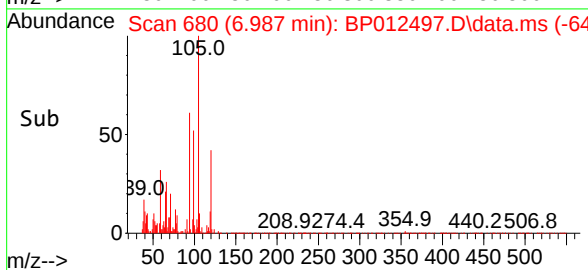
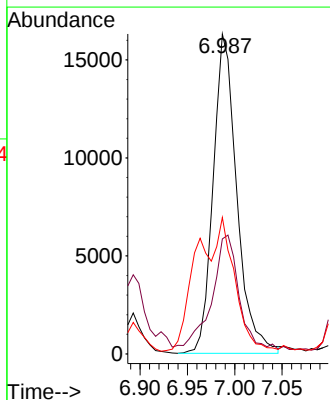
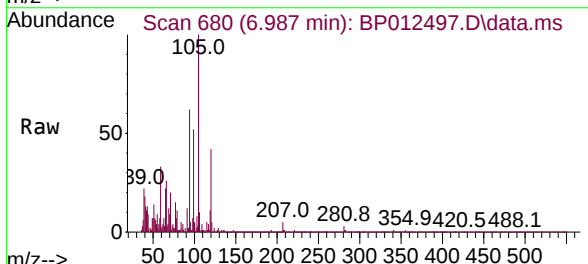
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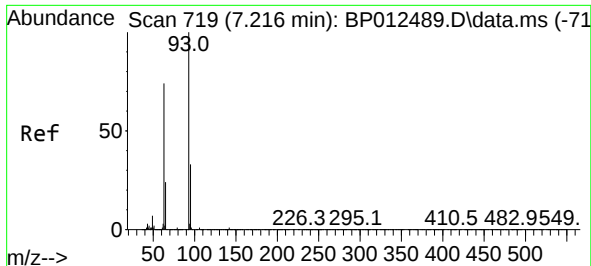
Reviewed By :Yogesh Patel 11/05/2022  
Supervised By :mohammad ahmed 11/06/2022



#8  
Phenol  
Concen: 1.055 ng/uL  
RT: 6.987 min Scan# 680  
Delta R.T. -0.006 min  
Lab File: BP012497.D  
Acq: 03 Nov 2022 19:33

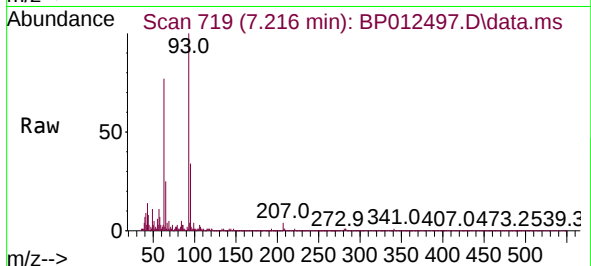
Tgt Ion: 94 Resp: 28381  
Ion Ratio Lower Upper  
94 100  
65 35.9 20.8 31.2#  
66 42.6 26.2 39.2#





#10  
 Bis(2-Chloroethyl)ether  
 Concen: 2.146 ng/ul  
 RT: 7.216 min Scan# 719  
 Delta R.T. -0.006 min  
 Lab File: BP012497.D  
 Acq: 03 Nov 2022 19:33

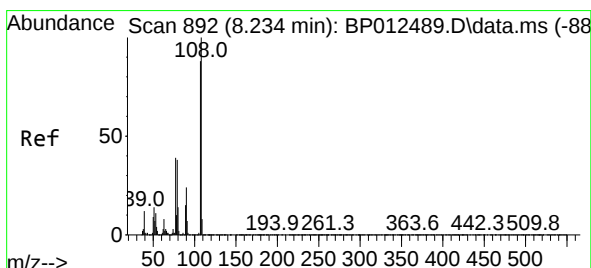
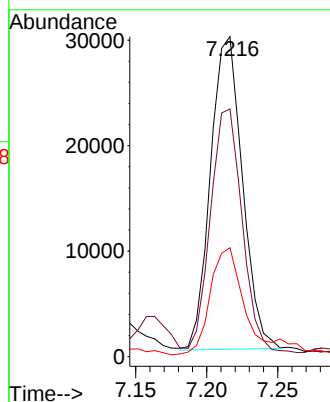
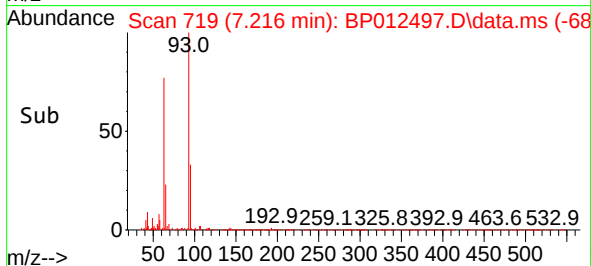
Instrument :  
 BNA\_P  
 ClientSampleId :  
 BHA99



Tgt Ion: 93 Resp: 46317  
 Ion Ratio Lower Upper  
 93 100  
 63 77.4 59.9 89.9  
 95 34.0 25.7 38.5

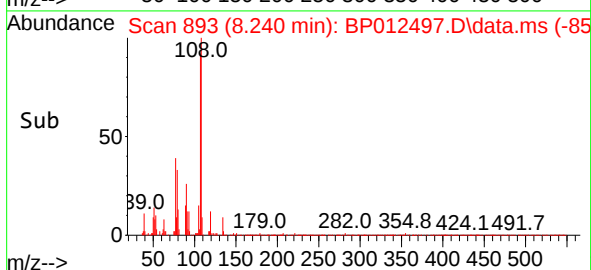
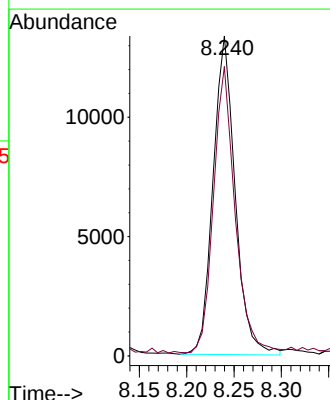
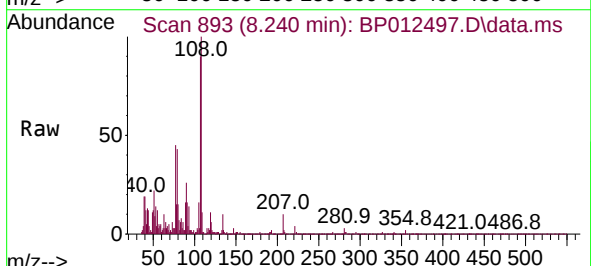
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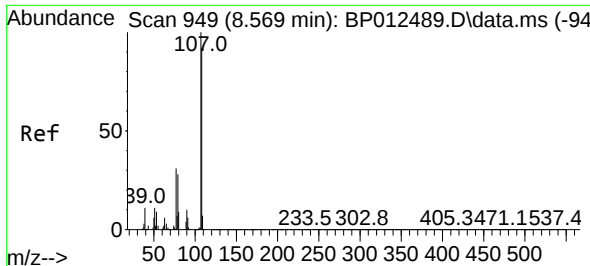
Reviewed By :Yogesh Patel 11/05/2022  
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#13  
 2-Methylphenol  
 Concen: 1.048 ng/ul  
 RT: 8.240 min Scan# 893  
 Delta R.T. 0.000 min  
 Lab File: BP012497.D  
 Acq: 03 Nov 2022 19:33

Tgt Ion:108 Resp: 21675  
 Ion Ratio Lower Upper  
 108 100  
 107 90.4 70.8 106.2





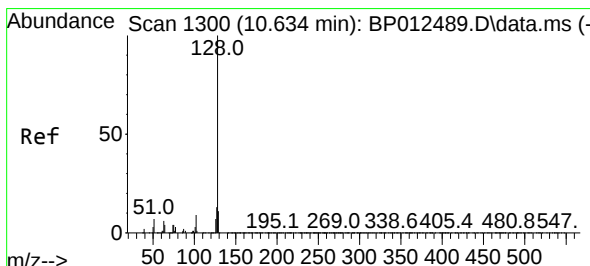
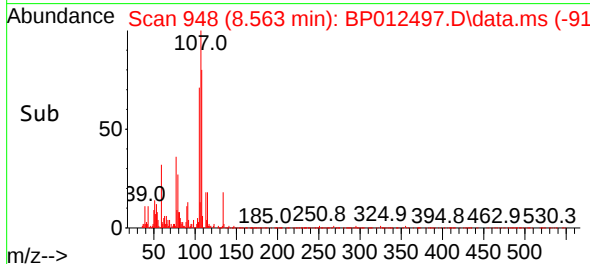
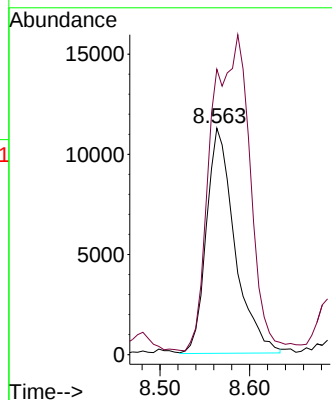
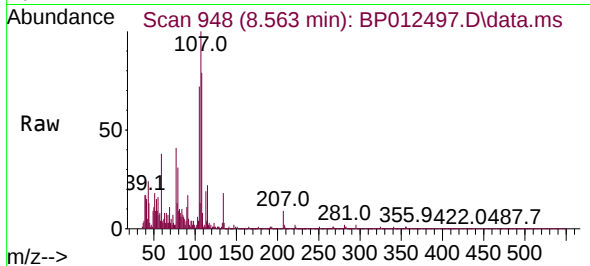
#18  
4-Methylphenol  
Concen: 1.099 ng/ul  
RT: 8.563 min Scan# 949  
Delta R.T. -0.006 min  
Lab File: BP012497.D  
Acq: 03 Nov 2022 19:33

Instrument :  
BNA\_P  
ClientSampleId :  
BHA99

Tgt Ion:108 Resp: 24833  
Ion Ratio Lower Upper  
108 100  
107 125.9 89.1 133.7

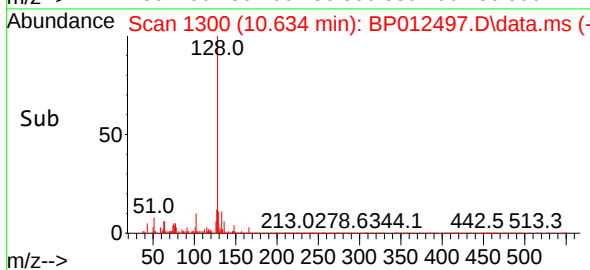
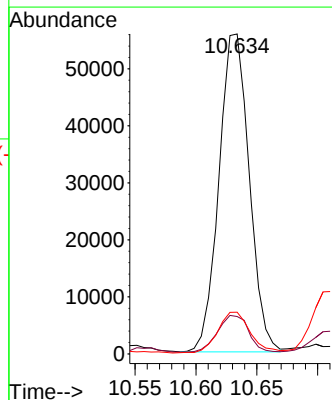
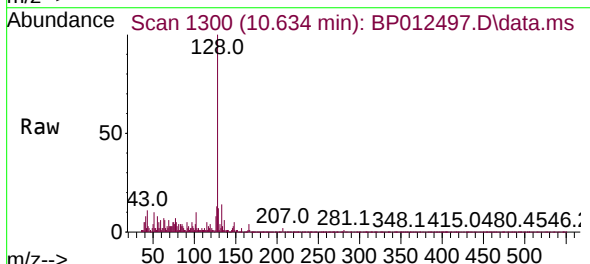
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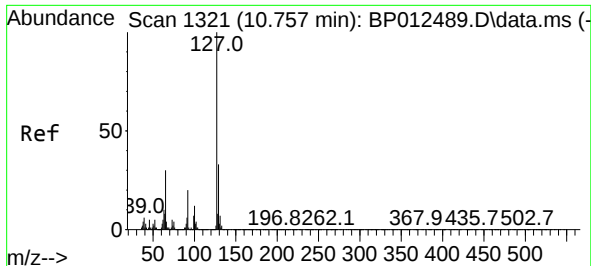
Reviewed By :Yogesh Patel 11/05/2022  
Supervised By :mohammad ahmed 11/06/2022



#30  
Naphthalene  
Concen: 1.331 ng/ul  
RT: 10.634 min Scan# 1300  
Delta R.T. -0.006 min  
Lab File: BP012497.D  
Acq: 03 Nov 2022 19:33

Tgt Ion:128 Resp: 96809  
Ion Ratio Lower Upper  
128 100  
129 11.7 8.9 13.3  
127 13.0 10.5 15.7





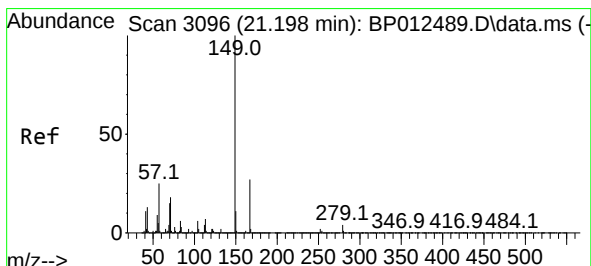
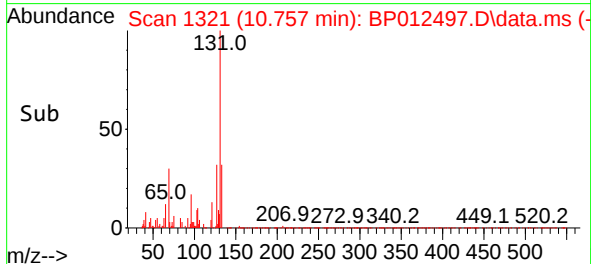
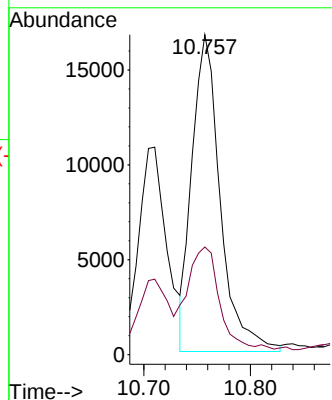
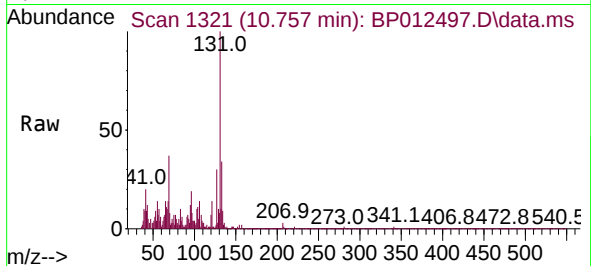
#32  
4-Chloroaniline  
Concen: 1.003 ng/ul  
RT: 10.757 min Scan# 1321  
Delta R.T. -0.006 min  
Lab File: BP012497.D  
Acq: 03 Nov 2022 19:33

Instrument :  
BNA\_P  
ClientSampleId :  
BHA99

Tgt Ion:127 Resp: 30758  
Ion Ratio Lower Upper  
127 100  
129 33.6 26.0 39.0

Manual Integrations  
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#86  
Bis(2-ethylhexyl)phthalate  
Concen: 1.672 ng/ul  
RT: 21.198 min Scan# 3096  
Delta R.T. -0.006 min  
Lab File: BP012497.D  
Acq: 03 Nov 2022 19:33

Tgt Ion:149 Resp: 99299  
Ion Ratio Lower Upper  
149 100  
167 28.1 22.1 33.1  
279 4.8 3.7 5.5

