

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033023\  
 Data File : BP014397.D  
 Acq On : 30 Mar 2023 12:31  
 Operator : CG/JU  
 Sample : 02059-02  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 C0QG1

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 03/31/2023  
 Supervised By : Jagrut Upadhyay 03/31/2023

Quant Time: Mar 30 22:39:38 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Mar 30 12:32:14 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| -----                         |        |      |          |          |        |          |
| Internal Standards            |        |      |          |          |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.016  | 152  | 158531   | 20.000   | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.840 | 136  | 690516   | 20.000   | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.669 | 164  | 460595   | 20.000   | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.439 | 188  | 994092   | 20.000   | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.522 | 240  | 830289   | 20.000   | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.045 | 264  | 740922   | 20.000   | ng/u1  | 0.00     |
|                               |        |      |          |          |        |          |
| System Monitoring Compounds   |        |      |          |          |        |          |
| 3) 1,4-Dioxane-d8             | 3.393  | 96   | 19929    | 4.875    | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.828  | 84   | 96900    | 9.250    | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.181  | 99   | 122473   | 8.377    | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.340  | 67   | 362500   | 38.644   | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.546  | 132  | 321693   | 30.443   | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.734  | 113  | 234065   | 19.847   | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.193  | 128  | 216759   | 38.885   | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.922  | 143  | 239995   | 37.598   | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.463 | 165  | 385937   | 33.199   | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.987 | 131  | 337892   | 22.067   | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.081 | 166  | 1532129  | 41.025   | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.363 | 160  | 1613928  | 38.947   | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.893 | 143  | 46149m   | 8.180    | ng/u1  | 0.01     |
| 60) Fluorene-d10              | 15.669 | 176  | 1253865  | 40.261   | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.793 | 200  | 284137   | 38.845   | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.539 | 188  | 1973482  | 41.020   | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.763 | 212  | 2268620  | 40.678   | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.874 | 264  | 1656175  | 42.073   | ng/u1  | 0.00     |
|                               |        |      |          |          |        |          |
| Target Compounds              |        |      |          |          | Qvalue |          |
| 30) Naphthalene               | 10.899 | 128  | 7653284  | 198.979  | ng/u1  | 100      |
| 36) 2-Methylnaphthalene       | 12.499 | 142  | 816898   | 31.339   | ng/u1  | 98       |
| 37) 1-Methylnaphthalene       | 12.716 | 142  | 700821   | 27.110   | ng/u1  | 97       |
| 43) 1,1'-Biphenyl             | 13.504 | 154  | 255448   | 6.865    | ng/u1  | 99       |
| 52) Acenaphthene              | 14.734 | 153  | 71989    | 2.308    | ng/u1  | 95       |
| 56) Dibenzofuran              | 15.069 | 168  | 95824    | 2.186    | ng/u1  | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.298 | 232  | 687367   | 70.693   | ng/u1  | 98       |
| 61) Fluorene                  | 15.722 | 166  | 124587   | 3.506    | ng/u1  | 99       |
| 71) Pentachlorophenol         | 17.110 | 266  | 10542344 | 1280.717 | ng/u1  | 99       |
| 72) Phenanthrene              | 17.481 | 178  | 297726   | 5.383    | ng/u1  | 98       |
| -----                         |        |      |          |          |        |          |

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

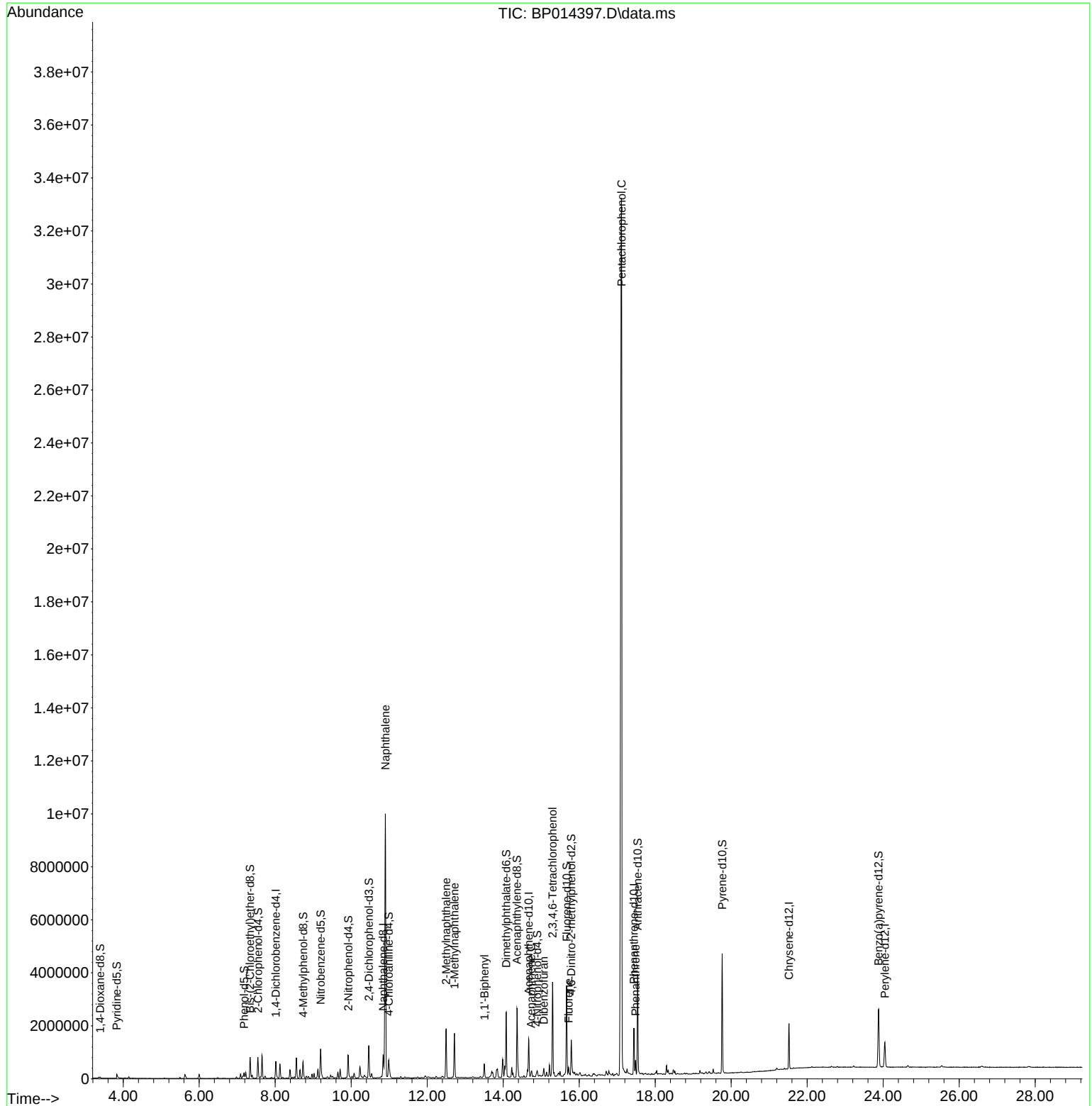
Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP033023\  
Data File : BP014397.D  
Acq On : 30 Mar 2023 12:31  
Operator : CG/JU  
Sample : 02059-02  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

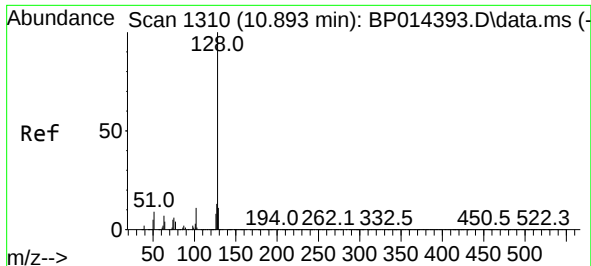
Instrument :  
BNA\_P  
ClientSampleId :  
C0QG1

Quant Time: Mar 30 22:39:38 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP032823.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Mar 30 12:32:14 2023  
Response via : Initial Calibration

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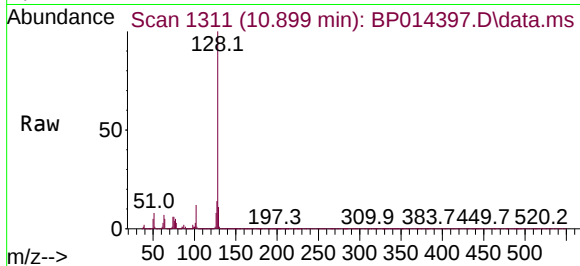
Reviewed By :Christian Giraldo 03/31/2023  
Supervised By :Jagrut Upadhyay 03/31/2023





#30  
Naphthalene  
Concen: 198.979 ng/ul  
RT: 10.899 min Scan# 1310  
Delta R.T. 0.006 min  
Lab File: BP014397.D  
Acq: 30 Mar 2023 12:31

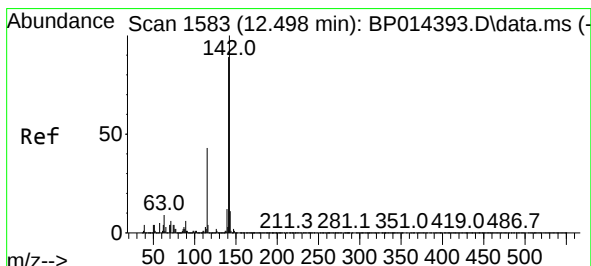
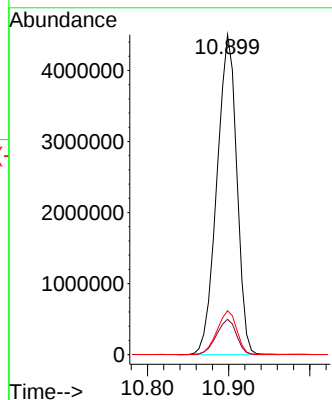
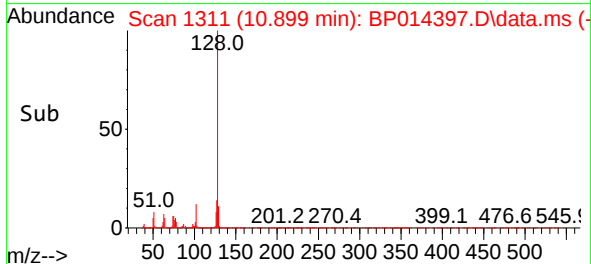
Instrument :  
BNA\_P  
ClientSampleId :  
C0QG1



Tgt Ion:128 Resp: 7653284  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.9 13.3  
127 13.7 11.0 16.6

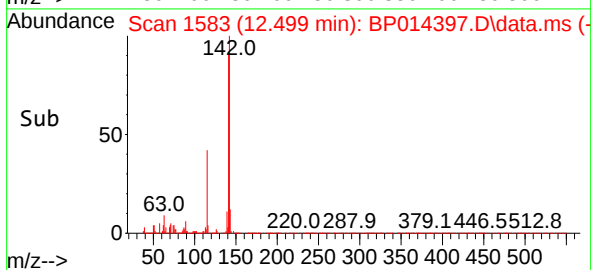
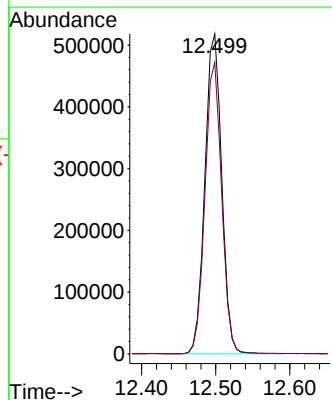
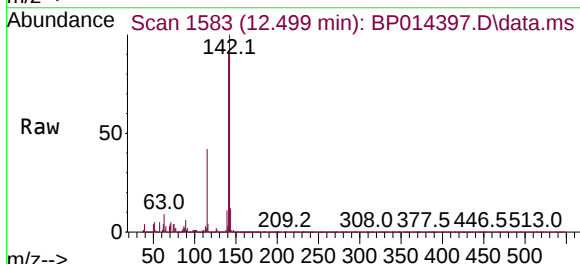
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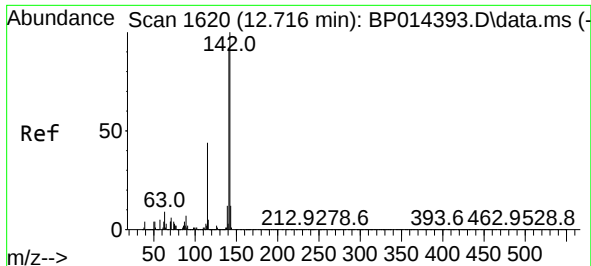
Reviewed By :Christian Giraldo 03/31/2023  
Supervised By :Jagrut Upadhyay 03/31/2023



#36  
2-Methylnaphthalene  
Concen: 31.339 ng/ul  
RT: 12.499 min Scan# 1583  
Delta R.T. 0.000 min  
Lab File: BP014397.D  
Acq: 30 Mar 2023 12:31

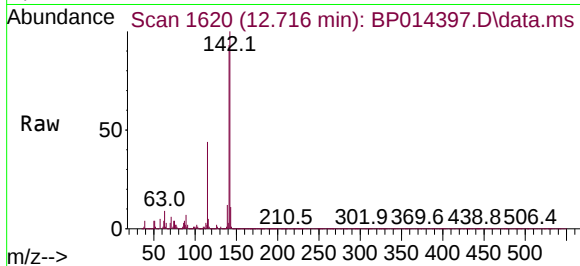
Tgt Ion:142 Resp: 816898  
Ion Ratio Lower Upper  
142 100  
141 91.1 71.6 107.4





#37  
1-Methylnaphthalene  
Concen: 27.110 ng/ul  
RT: 12.716 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: BP014397.D  
Acq: 30 Mar 2023 12:31

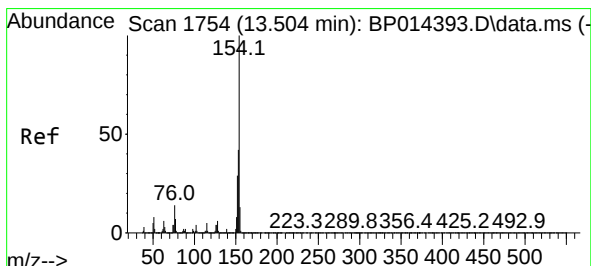
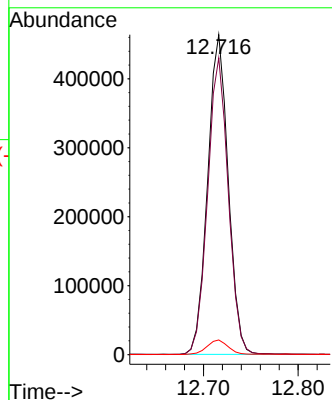
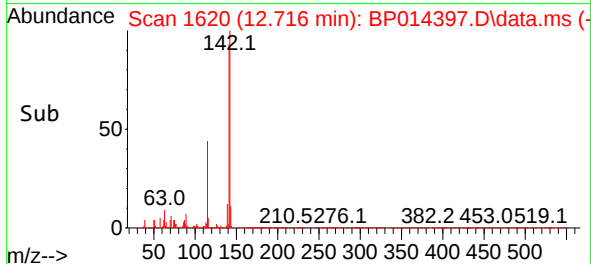
Instrument :  
BNA\_P  
ClientSampleId :  
C0QG1



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Ion Ratio Lower Upper  
142 100  
141 92.7 76.6 114.8  
116 4.6 3.6 5.4

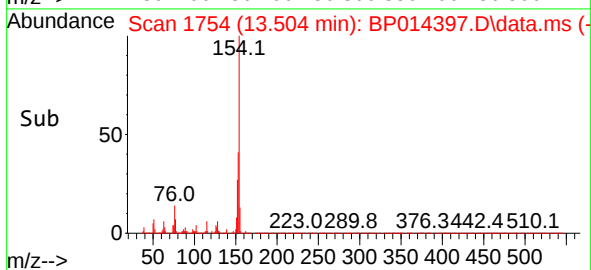
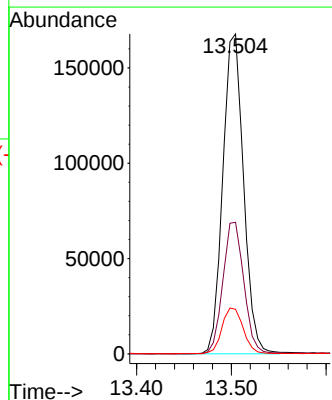
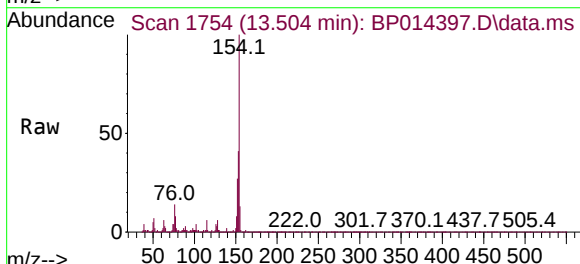
Manual Integrations  
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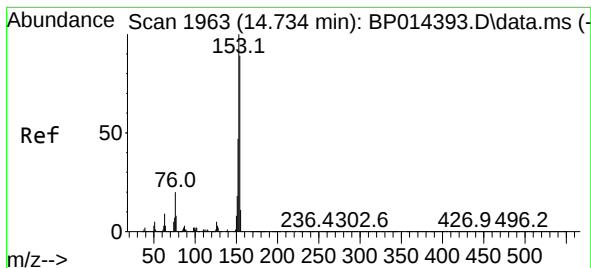
Reviewed By :Christian Giraldo 03/31/2023  
Supervised By :Jagrut Upadhyay 03/31/2023



#43  
1,1'-Biphenyl  
Concen: 6.865 ng/ul  
RT: 13.504 min Scan# 1754  
Delta R.T. 0.000 min  
Lab File: BP014397.D  
Acq: 30 Mar 2023 12:31

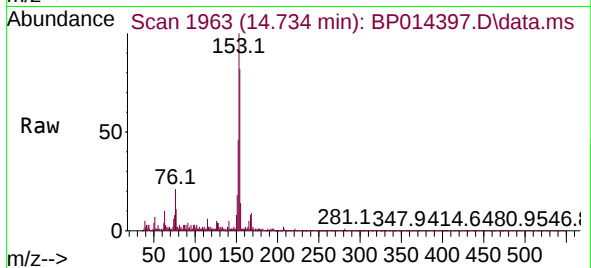
Tgt Ion:154 Resp: 255448  
Ion Ratio Lower Upper  
154 100  
153 41.1 32.4 48.6  
76 13.9 10.7 16.1





#52  
Acenaphthene  
Concen: 2.308 ng/ul  
RT: 14.734 min Scan# 1963  
Delta R.T. 0.000 min  
Lab File: BP014397.D  
Acq: 30 Mar 2023 12:31

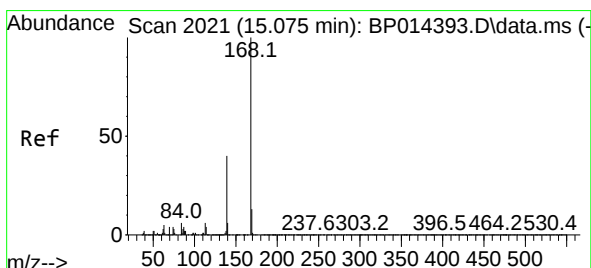
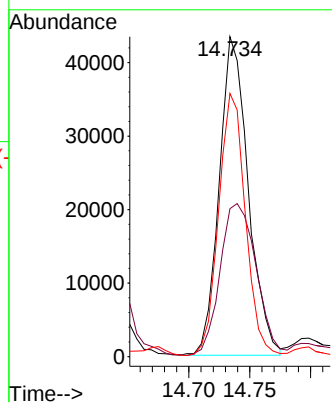
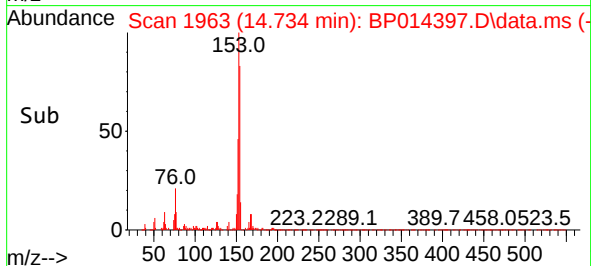
Instrument :  
BNA\_P  
ClientSampleId :  
C0QG1



Tgt Ion:153 Resp: 71989  
Ion Ratio Lower Upper  
153 100  
152 46.2 38.2 57.4  
154 82.2 70.2 105.2

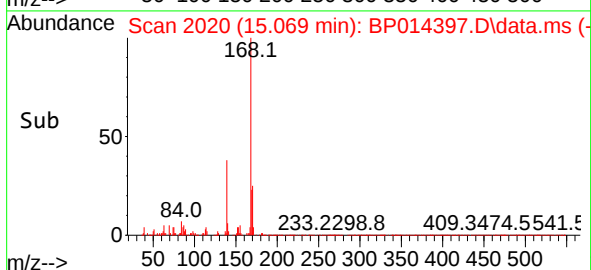
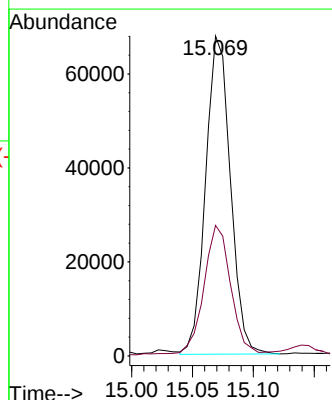
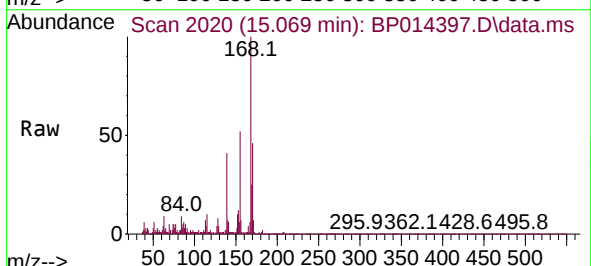
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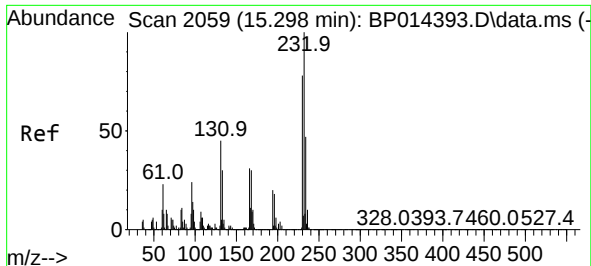
Reviewed By :Christian Giraldo 03/31/2023  
Supervised By :Jagrut Upadhyay 03/31/2023



#56  
Dibenzofuran  
Concen: 2.186 ng/ul  
RT: 15.069 min Scan# 2020  
Delta R.T. -0.006 min  
Lab File: BP014397.D  
Acq: 30 Mar 2023 12:31

Tgt Ion:168 Resp: 95824  
Ion Ratio Lower Upper  
168 100  
139 40.8 32.1 48.1





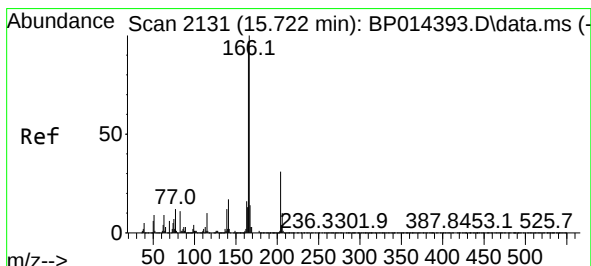
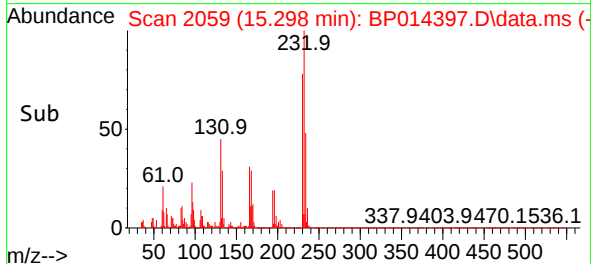
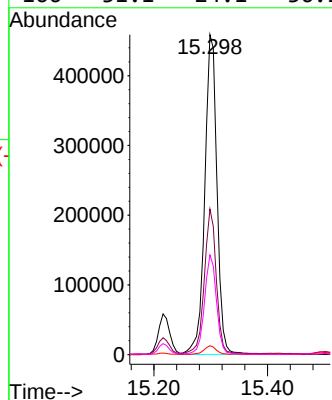
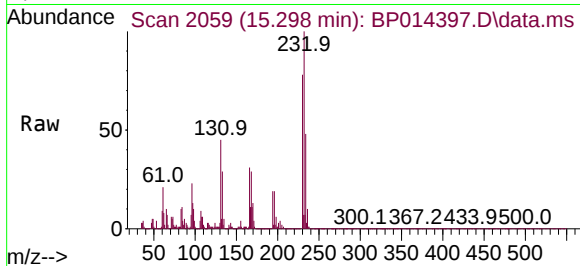
#58  
2,3,4,6-Tetrachlorophenol  
Concen: 70.693 ng/ul  
RT: 15.298 min Scan# 2059  
Delta R.T. 0.000 min  
Lab File: BP014397.D  
Acq: 30 Mar 2023 12:31

Instrument :  
BNA\_P  
ClientSampleId :  
C0QG1

Tgt Ion:232 Resp: 687361  
Ion Ratio Lower Upper  
232 100  
131 45.5 35.0 52.4  
130 2.8 1.9 2.9  
166 31.1 24.1 36.1

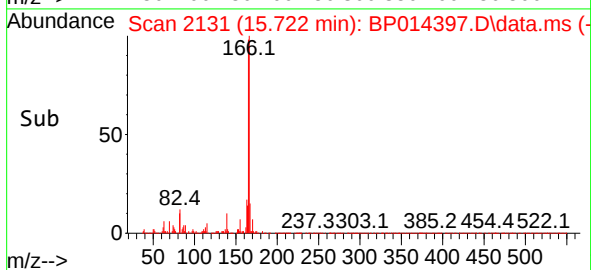
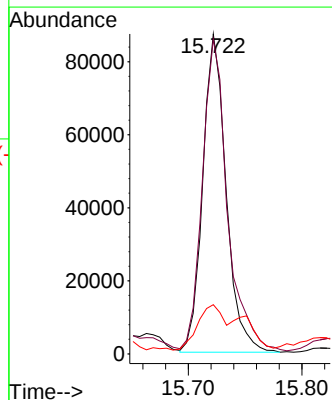
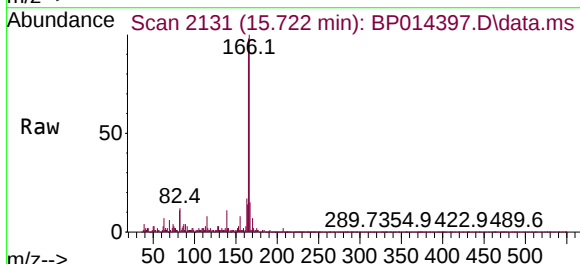
Manual Integrations  
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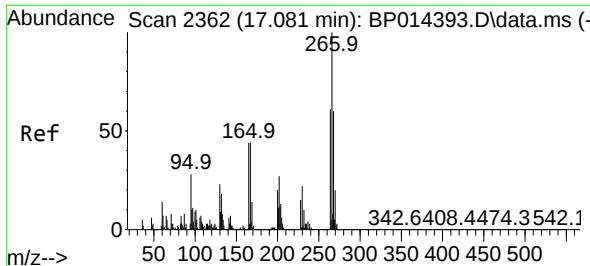
Reviewed By :Christian Giraldo 03/31/2023  
Supervised By :Jagrut Upadhyay 03/31/2023



#61  
Fluorene  
Concen: 3.506 ng/ul  
RT: 15.722 min Scan# 2131  
Delta R.T. 0.000 min  
Lab File: BP014397.D  
Acq: 30 Mar 2023 12:31

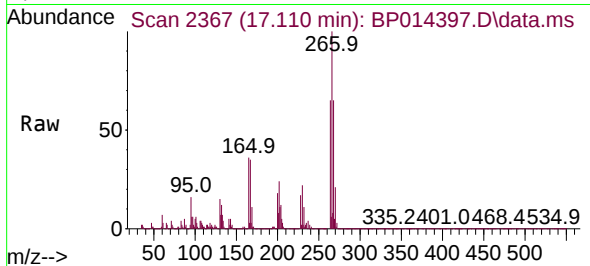
Tgt Ion:166 Resp: 124587  
Ion Ratio Lower Upper  
166 100  
165 98.3 79.2 118.8  
167 15.4 11.0 16.4





#71  
Pentachlorophenol  
Concen: 1280.717 ng/ul  
RT: 17.110 min Scan# 2362  
Delta R.T. 0.030 min  
Lab File: BP014397.D  
Acq: 30 Mar 2023 12:31

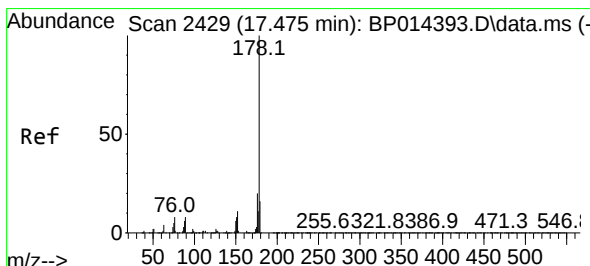
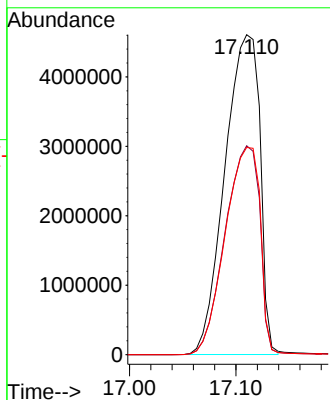
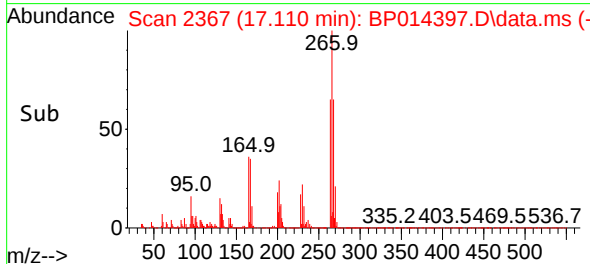
Instrument :  
BNA\_P  
ClientSampleId :  
C0QG1



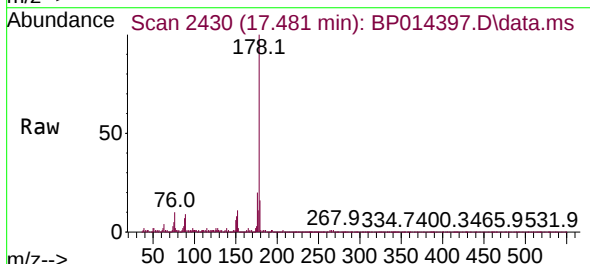
Tgt Ion:266 Resp:10542344  
Ion Ratio Lower Upper  
266 100  
264 65.3 51.0 76.4  
268 64.7 51.4 77.2

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 03/31/2023  
Supervised By :Jagrut Upadhyay 03/31/2023



#72  
Phenanthrene  
Concen: 5.383 ng/ul  
RT: 17.481 min Scan# 2430  
Delta R.T. 0.006 min  
Lab File: BP014397.D  
Acq: 30 Mar 2023 12:31



Tgt Ion:178 Resp: 297726  
Ion Ratio Lower Upper  
178 100  
179 16.0 12.2 18.4  
176 19.7 15.3 22.9

