

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM010623\  
 Data File : BM038399.D  
 Acq On : 06 Jan 2023 23:03  
 Operator : CG/JU  
 Sample : 01036-03  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 COLEO

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 01/09/2023  
 Supervised By :mohammad ahmed 01/09/2023

Quant Time: Jan 07 00:40:56 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM010423.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jan 05 02:11:50 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.034  | 152  | 106253   | 20.000 | ng/u1  | 0.04     |
| 20) Naphthalene-d8            | 10.822 | 136  | 364192   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.628 | 164  | 217369   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.369 | 188  | 473514   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.539 | 240  | 442525   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.968 | 264  | 502175   | 20.000 | ng/u1  | 0.00     |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.364  | 96   | 10248    | 3.128  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.805  | 84   | 56288    | 5.938  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.163  | 99   | 50806    | 5.249  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.334  | 67   | 179491   | 25.778 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.534  | 132  | 139485   | 20.112 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.710  | 113  | 104314   | 13.961 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.175  | 128  | 91060    | 31.869 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.898  | 143  | 99247    | 30.627 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.440 | 165  | 169274   | 27.050 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.957 | 131  | 173781   | 20.125 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.039 | 166  | 540871   | 32.856 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.322 | 160  | 610728   | 31.835 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.833 | 143  | 15349    | 5.179  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.616 | 176  | 468960   | 31.325 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.739 | 200  | 95271    | 27.761 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.469 | 188  | 752570   | 32.947 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.757 | 212  | 924231   | 37.532 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.809 | 264  | 874382   | 35.057 | ng/u1  | -0.01    |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          |        |        |          |
| 8) Phenol                     | 7.187  | 94   | 41596    | 4.073  | ng/u1  | 98       |
| 12) 2-Chlorophenol            | 7.563  | 128  | 24185    | 3.377  | ng/u1  | 94       |
| 22) Nitrobenzene              | 9.222  | 77   | 606958   | 64.405 | ng/u1  | 96       |
| 25) 2-Nitrophenol             | 9.928  | 139  | 4394     | 1.302  | ng/u1# | 92       |
| 39) 1,2,4,5-Tetrachloroben... | 12.828 | 216  | 264180m  | 34.375 | ng/u1  |          |
| 75) 1,2,3,4-Tetrachloroben... | 13.433 | 216  | 688834   | 96.386 | ng/uL  | 96       |
| 76) Pentachlorobenzene        | 14.945 | 250  | 17090    | 2.482  | ng/uL  | 99       |
| -----                         |        |      |          |        |        |          |

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

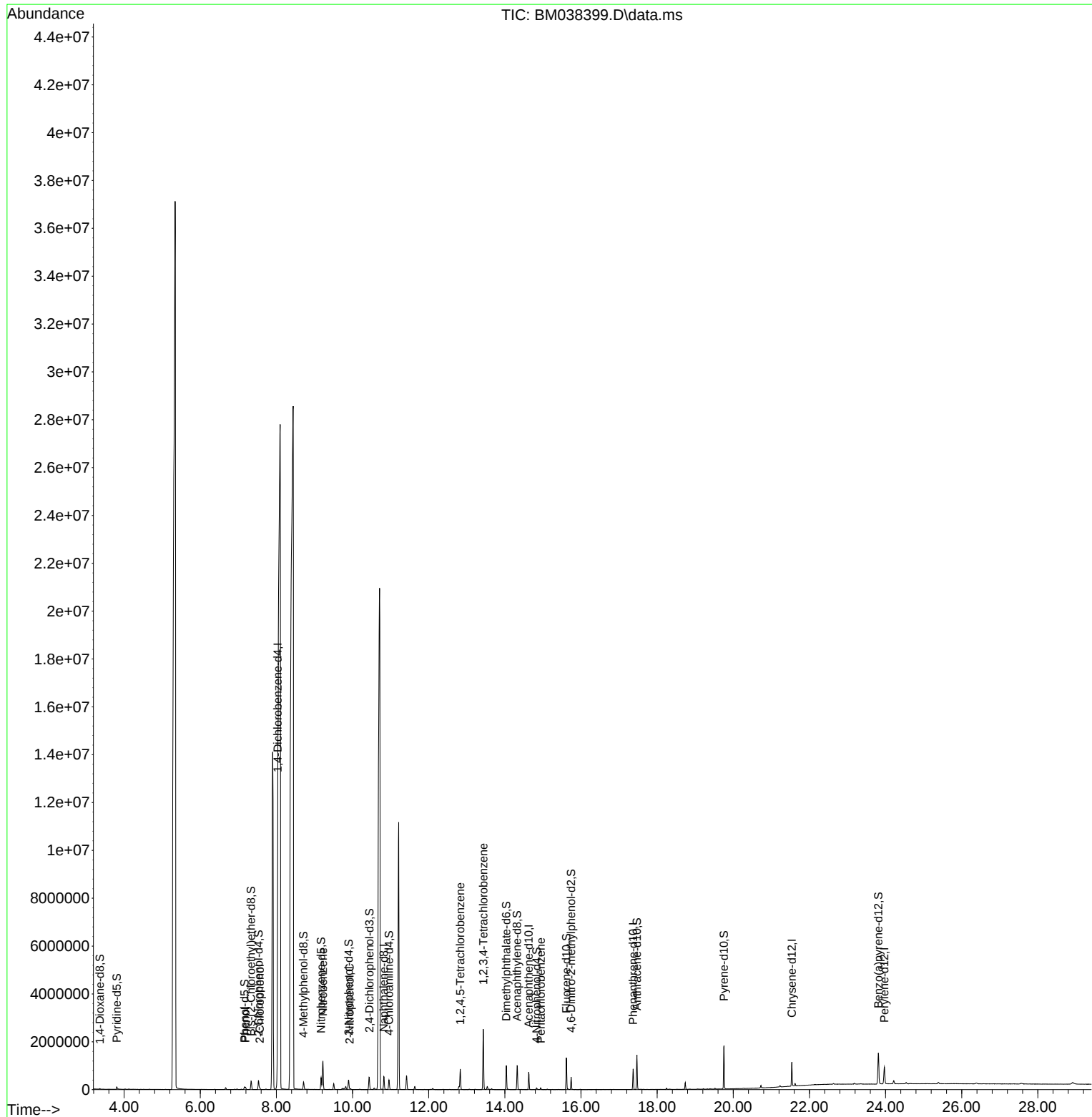
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM010623\  
Data File : BM038399.D  
Acq On : 06 Jan 2023 23:03  
Operator : CG/JU  
Sample : 01036-03  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

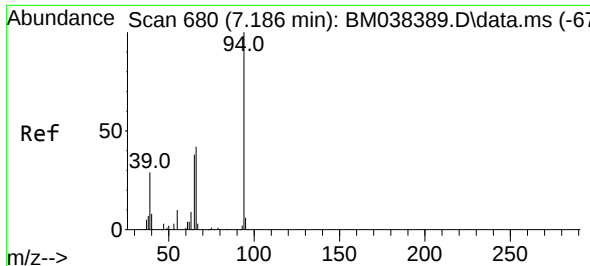
Instrument :  
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Supervised By :mohammad ahmed 01/09/2023

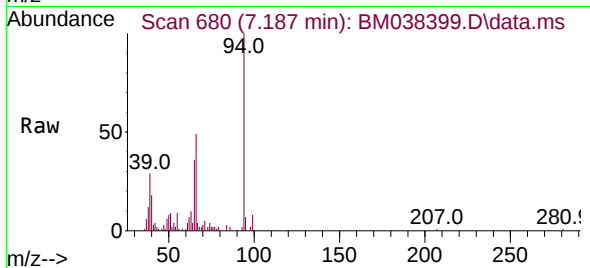
Quant Time: Jan 07 00:40:56 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM010423.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Thu Jan 05 02:11:50 2023  
Response via : Initial Calibration





#8  
Phenol  
Concen: 4.073 ng/ul  
RT: 7.187 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM038399.D  
Acq: 06 Jan 2023 23:03

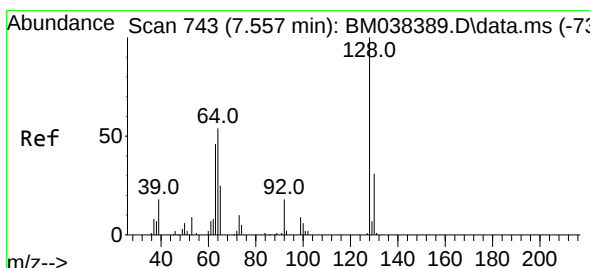
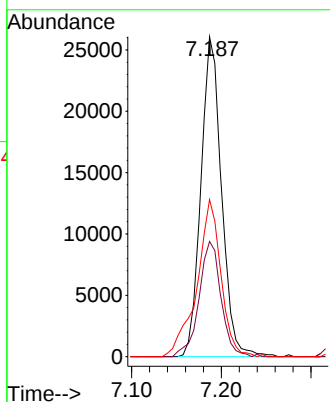
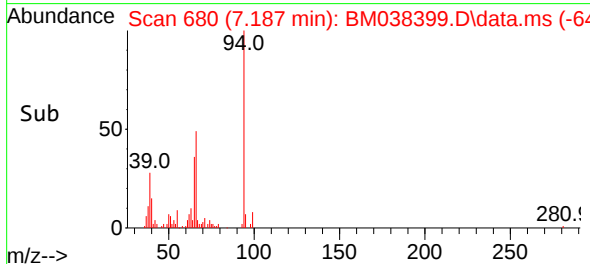
Instrument :  
BNA\_M  
ClientSampleId :  
COLEO



Tgt Ion: 94 Resp: 41590  
Ion Ratio Lower Upper  
94 100  
65 36.0 29.4 44.2  
66 49.1 38.0 57.0

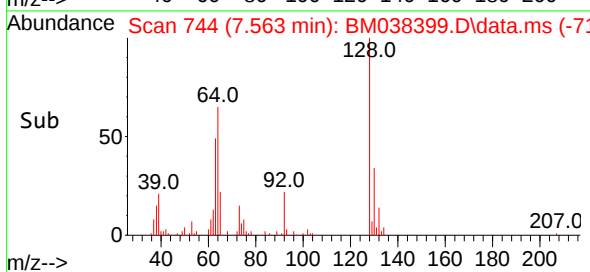
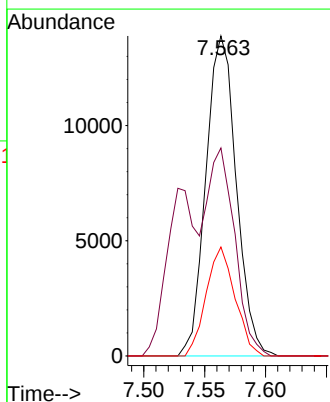
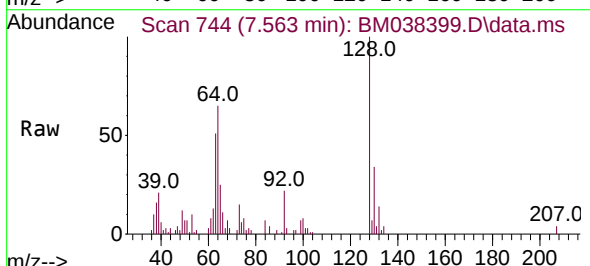
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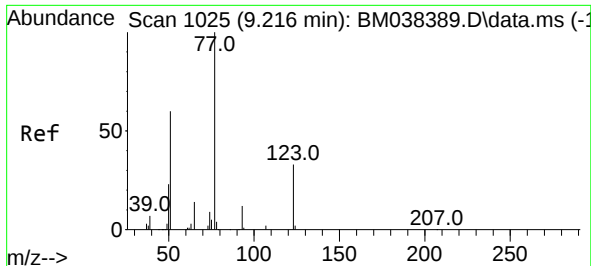
Reviewed By :Jagrut Upadhyay 01/09/2023  
Supervised By :mohammad ahmed 01/09/2023



#12  
2-Chlorophenol  
Concen: 3.377 ng/ul  
RT: 7.563 min Scan# 744  
Delta R.T. 0.000 min  
Lab File: BM038399.D  
Acq: 06 Jan 2023 23:03

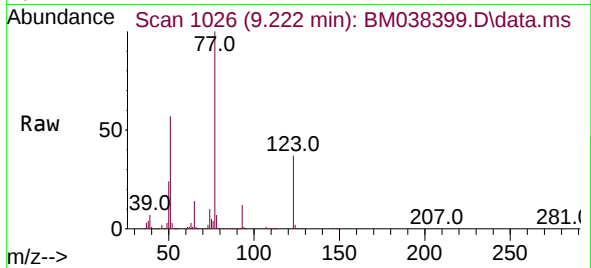
Tgt Ion:128 Resp: 24185  
Ion Ratio Lower Upper  
128 100  
64 65.0 47.3 70.9  
130 34.0 25.7 38.5





#22  
Nitrobenzene  
Concen: 64.405 ng/uI  
RT: 9.222 min Scan# 1026  
Delta R.T. 0.006 min  
Lab File: BM038399.D  
Acq: 06 Jan 2023 23:03

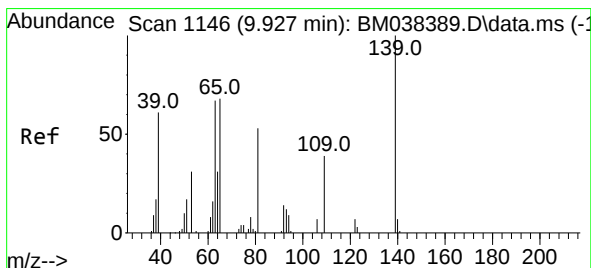
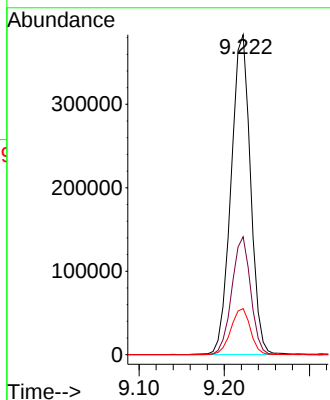
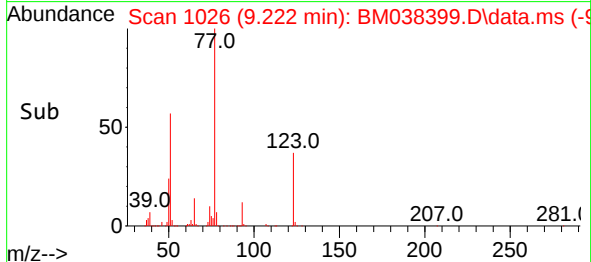
Instrument :  
BNA\_M  
ClientSampleId :  
COLE0



Tgt Ion: 77 Resp: 606958  
Ion Ratio Lower Upper  
77 100  
123 36.8 26.9 40.3  
65 14.4 12.1 18.1

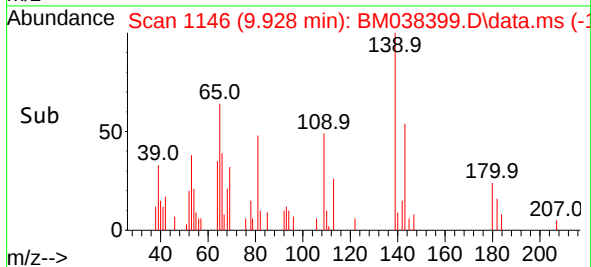
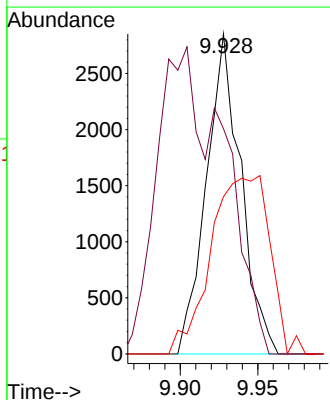
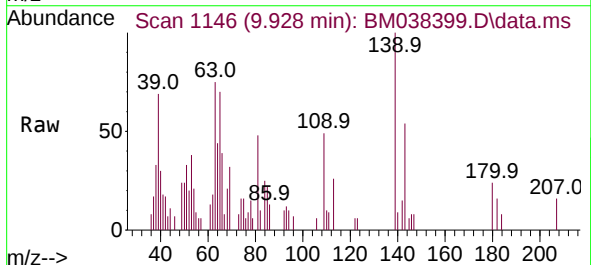
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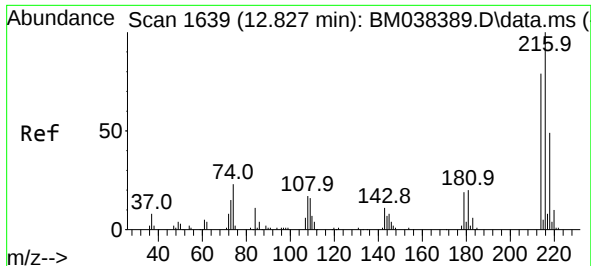
Reviewed By :Jagrut Upadhyay 01/09/2023  
Supervised By :mohammad ahmed 01/09/2023



#25  
2-Nitrophenol  
Concen: 1.302 ng/uI  
RT: 9.928 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: BM038399.D  
Acq: 06 Jan 2023 23:03

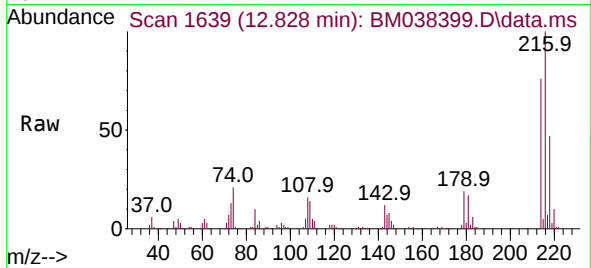
Tgt Ion:139 Resp: 4394  
Ion Ratio Lower Upper  
139 100  
65 70.4 55.9 83.9  
109 49.1 29.0 43.4#





#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 34.375 ng/ul m  
RT: 12.828 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: BM038399.D  
Acq: 06 Jan 2023 23:03

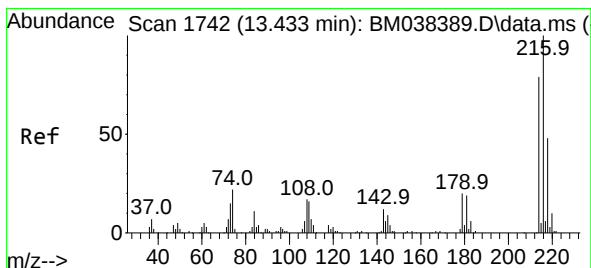
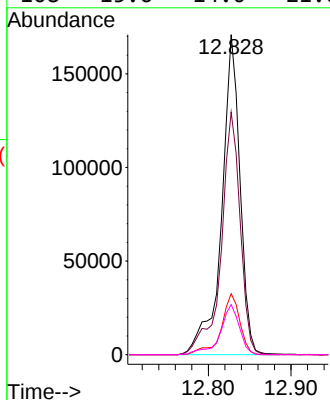
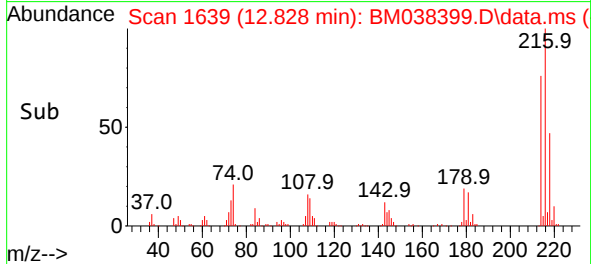
Instrument :  
BNA\_M  
ClientSampleId :  
COLEO



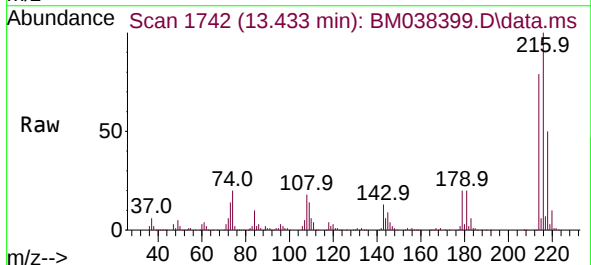
Tgt Ion:216 Resp: 264180  
Ion Ratio Lower Upper  
216 100  
214 75.8 62.0 93.0  
179 19.1 15.6 23.4  
108 15.6 14.0 21.0

Manual Integrations  
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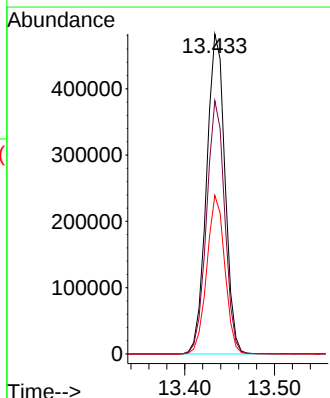
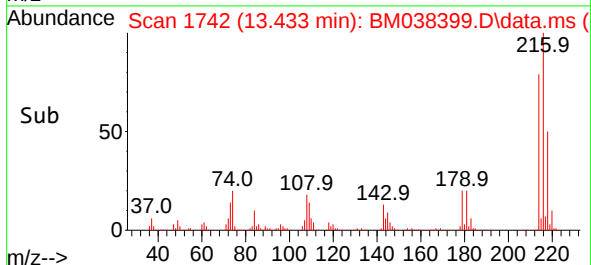
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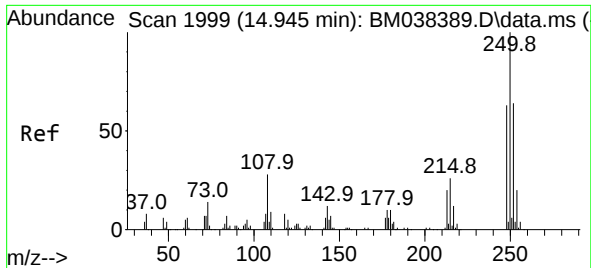


#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 96.386 ng/uL  
RT: 13.433 min Scan# 1742  
Delta R.T. -0.006 min  
Lab File: BM038399.D  
Acq: 06 Jan 2023 23:03



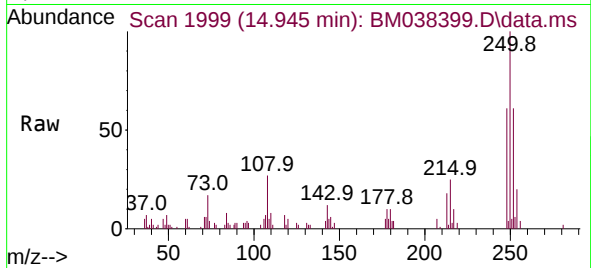
Tgt Ion:216 Resp: 688834  
Ion Ratio Lower Upper  
216 100  
214 79.2 60.2 90.4  
218 49.6 38.2 57.4





#76  
 Pentachlorobenzene  
 Concen: 2.482 ng/uL  
 RT: 14.945 min Scan# 1999  
 Delta R.T. -0.006 min  
 Lab File: BM038399.D  
 Acq: 06 Jan 2023 23:03

Instrument :  
 BNA\_M  
 ClientSampleId :  
 COLE0



Tgt Ion:250 Resp: 17090  
 Ion Ratio Lower Upper  
 250 100  
 248 61.0 50.3 75.5  
 252 66.8 53.2 79.8

Manual Integrations  
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