

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
 Data File : BM046991.D  
 Acq On : 05 Aug 2024 13:40  
 Operator : RC/JU  
 Sample : P3171-05  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCVW9

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024  
 Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 06 06:34:58 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Aug 03 02:51:11 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response  | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|-----------|----------|--------|----------|
| -----                         |        |      |           |          |        |          |
| Internal Standards            |        |      |           |          |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.399  | 152  | 164926    | 20.000   | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.157 | 136  | 612672    | 20.000   | ng/u1  | # 0.00   |
| 38) Acenaphthene-d10          | 14.057 | 164  | 397332    | 20.000   | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 16.833 | 188  | 773436    | 20.000   | ng/u1  | 0.01     |
| 79) Chrysene-d12              | 21.051 | 240  | 715517    | 20.000   | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.762 | 264  | 851791    | 20.000   | ng/u1  | -0.01    |
|                               |        |      |           |          |        |          |
| System Monitoring Compounds   |        |      |           |          |        |          |
| 3) 1,4-Dioxane-d8             | 3.023  | 96   | 28844     | 6.929    | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.411  | 84   | 470027    | 41.393   | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.611  | 99   | 596023    | 47.573   | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 6.758  | 67   | 410460    | 49.792   | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 6.946  | 132  | 488119    | 45.994   | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.128  | 113  | 466261    | 46.979   | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.546  | 128  | 236261    | 48.056   | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.257  | 143  | 270663    | 50.413   | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 9.804  | 165  | 501021    | 48.605   | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.310 | 131  | 404321    | 29.845   | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.487 | 166  | 1409552   | 46.397   | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 13.745 | 160  | 1640570   | 48.378   | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.310 | 143  | 269032    | 45.800   | ng/u1  | 0.01     |
| 60) Fluorene-d10              | 15.069 | 176  | 1179370   | 45.380   | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.204 | 200  | 214464    | 43.889   | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 16.927 | 188  | 1779629   | 48.537   | ng/u1  | 0.01     |
| 81) Pyrene-d10                | 19.233 | 212  | 2016668   | 49.236   | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.586 | 264  | 2096242   | 46.736   | ng/u1  | 0.00     |
|                               |        |      |           |          |        |          |
| Target Compounds              |        |      |           |          | Qvalue |          |
| 23) Isophorone                | 9.116  | 82   | 327742    | 14.582   | ng/u1# | 89       |
| 29) 2,4-Dichlorophenol        | 9.828  | 162  | 36505     | 3.551    | ng/u1  | 94       |
| 30) Naphthalene               | 10.210 | 128  | 816237    | 25.163   | ng/u1  | 98       |
| 36) 2-Methylnaphthalene       | 11.834 | 142  | 1123989   | 49.623   | ng/u1  | 99       |
| 37) 1-Methylnaphthalene       | 12.063 | 142  | 677144    | 29.532   | ng/u1  | 100      |
| 41) 2,4,6-Trichlorophenol     | 12.475 | 196  | 27971     | 3.429    | ng/u1  | 93       |
| 42) 2,4,5-Trichlorophenol     | 12.557 | 196  | 17767     | 2.018    | ng/u1  | 94       |
| 43) 1,1'-Biphenyl             | 12.881 | 154  | 156517    | 5.265    | ng/u1  | 92       |
| 52) Acenaphthene              | 14.122 | 153  | 30381     | 1.177    | ng/u1  | 87       |
| 58) 2,3,4,6-Tetrachlorophenol | 14.716 | 232  | 3225258   | 411.982  | ng/u1# | 84       |
| 61) Fluorene                  | 15.122 | 166  | 78098     | 2.613    | ng/u1# | 88       |
| 66) 4,6-Dinitro-2-methylph... | 15.233 | 198  | 56599     | 10.585   | ng/u1  | 95       |
| 71) Pentachlorophenol         | 16.522 | 266  | 29776530m | 4461.618 | ng/u1  |          |
| 72) Phenanthrene              | 16.875 | 178  | 306779    | 7.076    | ng/u1# | 93       |
| 86) Bis(2-ethylhexyl)phtha... | 20.998 | 149  | 51790     | 1.556    | ng/u1# | 87       |
| -----                         |        |      |           |          |        |          |

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

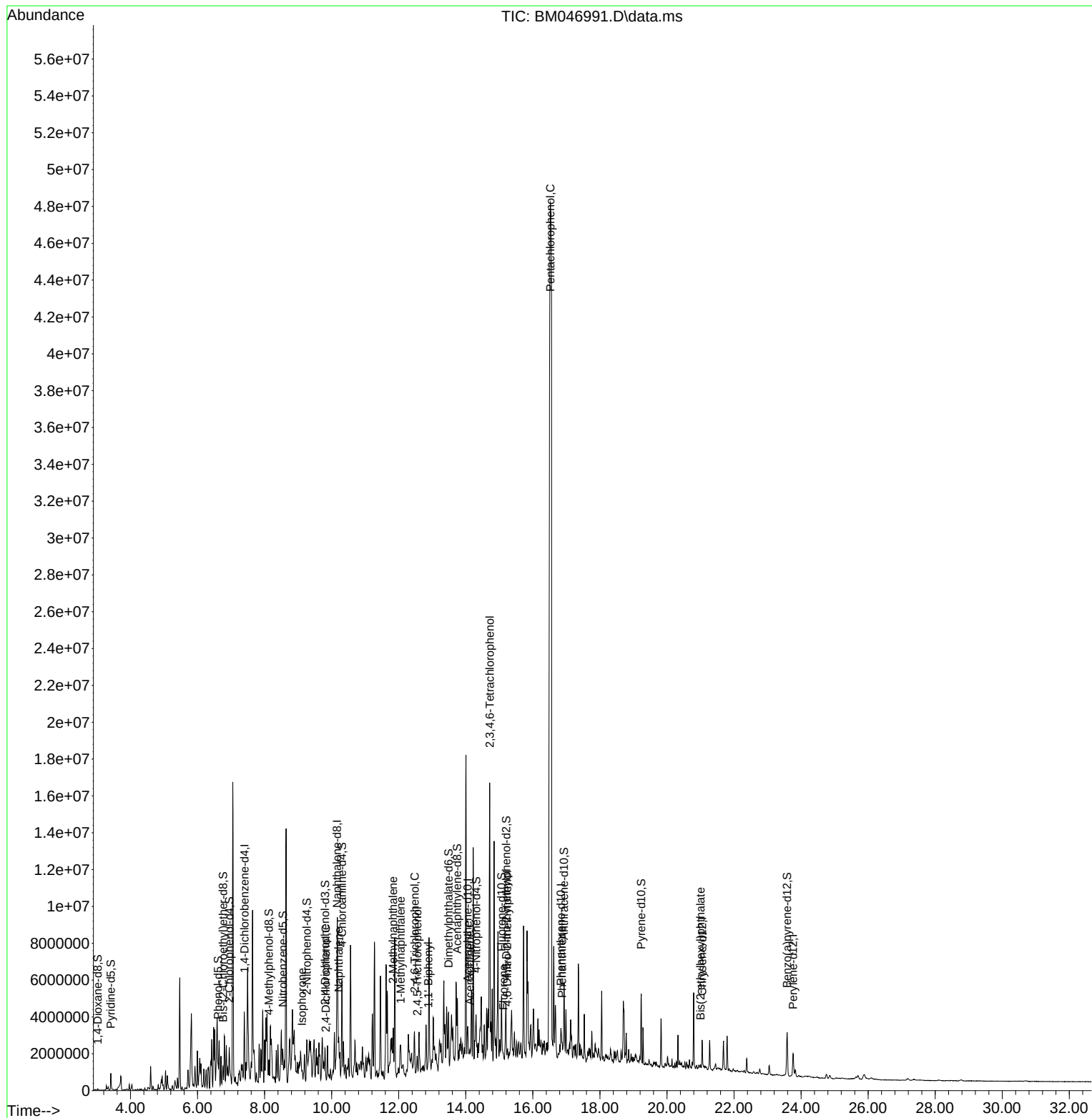
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080524\  
Data File : BM046991.D  
Acq On : 05 Aug 2024 13:40  
Operator : RC/JU  
Sample : P3171-05  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

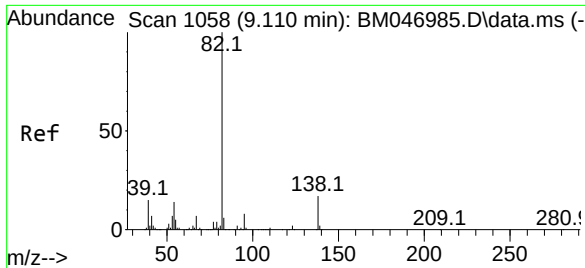
Instrument :  
BNA\_M  
ClientSampleId :  
DCVW9

Quant Time: Aug 06 06:34:58 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM080224.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Aug 03 02:51:11 2024  
Response via : Initial Calibration

Manual Integrations  
APPROVED

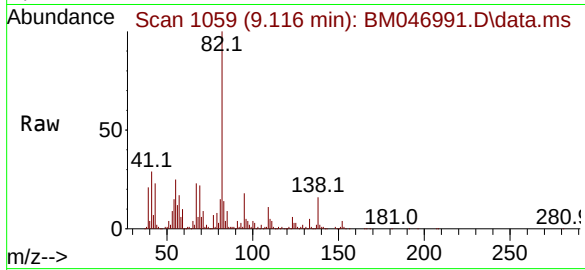
Reviewed By :Jagrut Upadhyay 08/06/2024  
Supervised By :mohammad ahmed 08/07/2024





#23  
Isophorone  
Concen: 14.582 ng/ul  
RT: 9.116 min Scan# 1058  
Delta R.T. 0.000 min  
Lab File: BM046991.D  
Acq: 05 Aug 2024 13:40

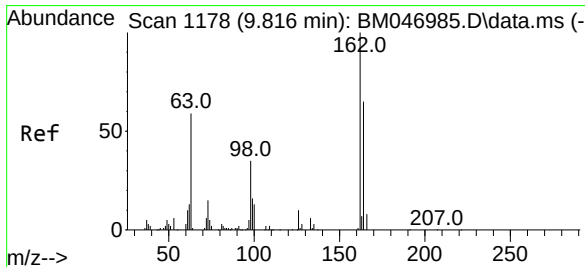
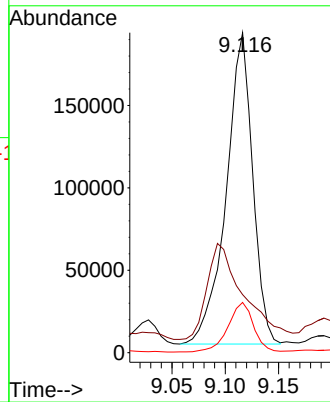
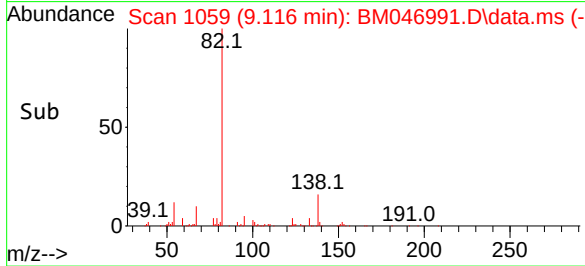
Instrument :  
BNA\_M  
ClientSampleId :  
DCVW9



Tgt Ion: 82 Resp: 32774  
Ion Ratio Lower Upper  
82 100  
95 18.1 6.4 9.6  
138 15.7 13.6 20.4

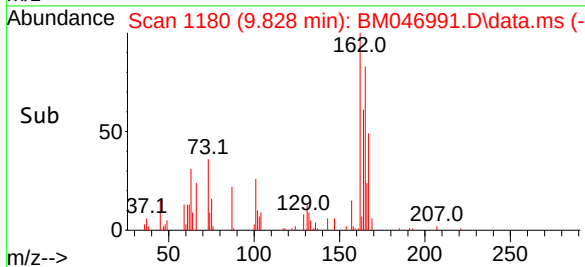
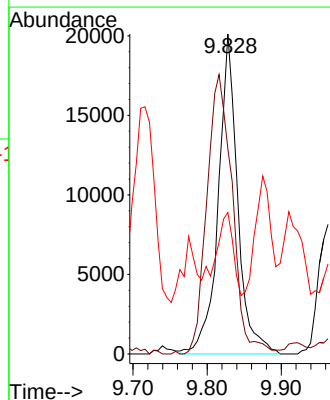
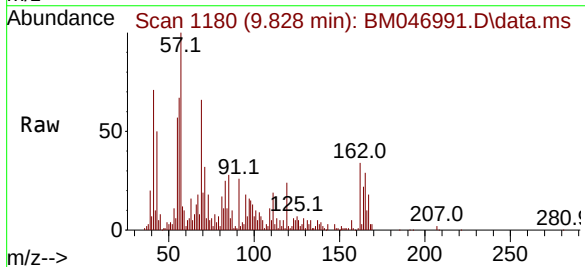
Manual Integrations  
APPROVED

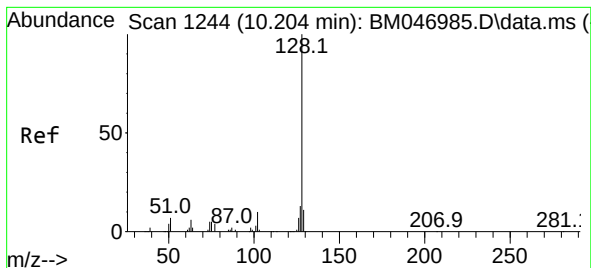
Reviewed By :Jagrut Upadhyay 08/06/2024  
Supervised By :mohammad ahmed 08/07/2024



#29  
2,4-Dichlorophenol  
Concen: 3.551 ng/ul  
RT: 9.828 min Scan# 1180  
Delta R.T. 0.006 min  
Lab File: BM046991.D  
Acq: 05 Aug 2024 13:40

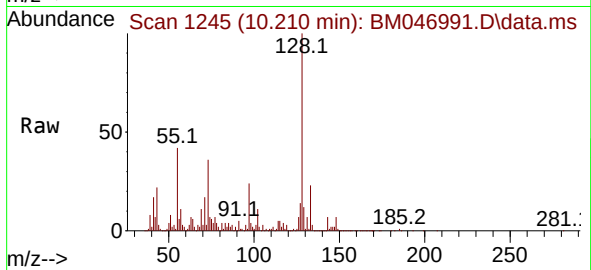
Tgt Ion:162 Resp: 36505  
Ion Ratio Lower Upper  
162 100  
164 64.1 53.3 79.9  
98 44.2 29.6 44.4





#30  
Naphthalene  
Concen: 25.163 ng/ul  
RT: 10.210 min Scan# 1245  
Delta R.T. 0.000 min  
Lab File: BM046991.D  
Acq: 05 Aug 2024 13:40

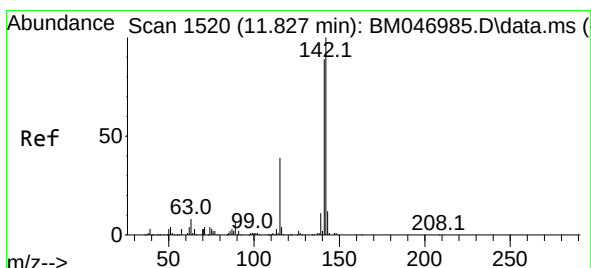
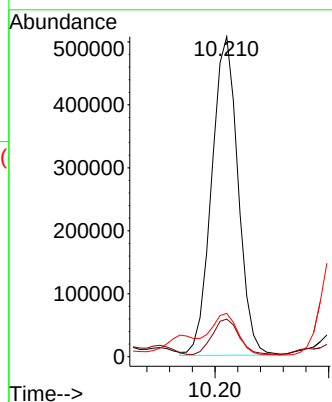
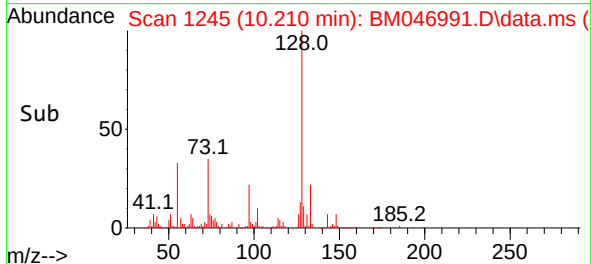
Instrument :  
BNA\_M  
ClientSampleId :  
DCVW9



Tgt Ion:128 Resp: 81623  
Ion Ratio Lower Upper  
128 100  
129 11.7 8.6 13.0  
127 13.5 10.4 15.6

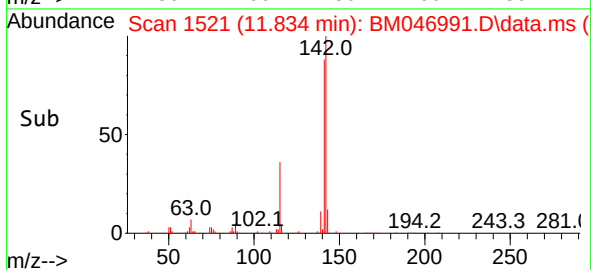
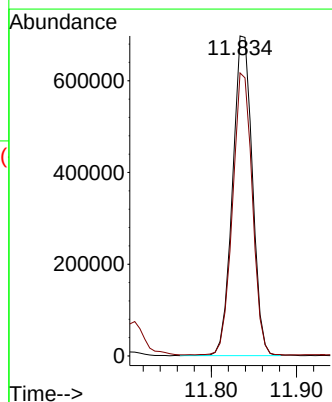
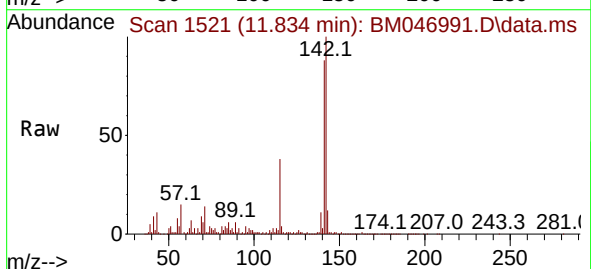
Manual Integrations  
APPROVED

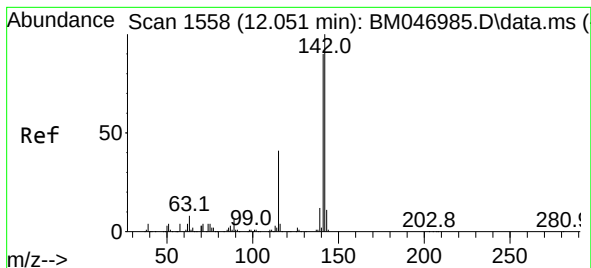
Reviewed By :Jagrut Upadhyay 08/06/2024  
Supervised By :mohammad ahmed 08/07/2024



#36  
2-Methylnaphthalene  
Concen: 49.623 ng/ul  
RT: 11.834 min Scan# 1521  
Delta R.T. -0.006 min  
Lab File: BM046991.D  
Acq: 05 Aug 2024 13:40

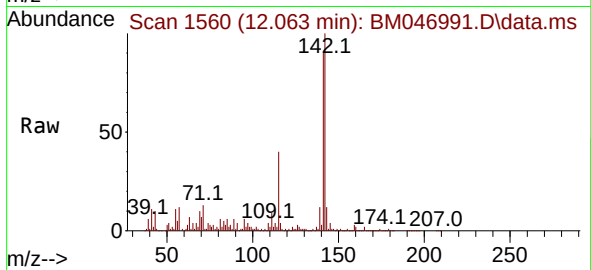
Tgt Ion:142 Resp: 1123989  
Ion Ratio Lower Upper  
142 100  
141 88.5 69.9 104.9





#37  
1-Methylnaphthalene  
Concen: 29.532 ng/ul  
RT: 12.063 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM046991.D  
Acq: 05 Aug 2024 13:40

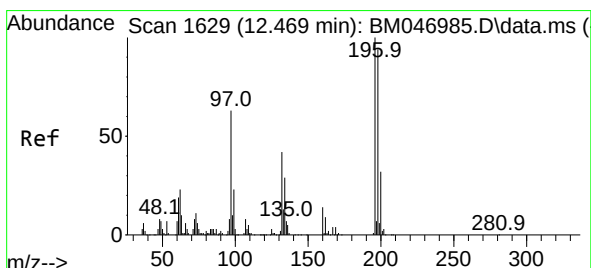
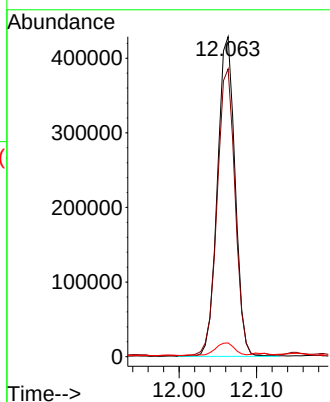
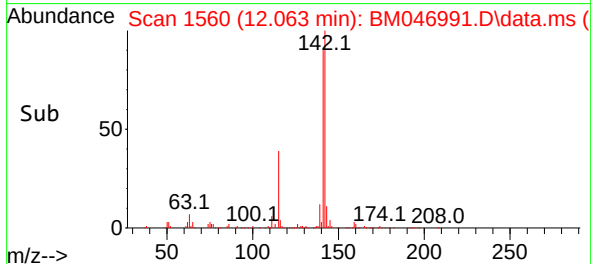
Instrument :  
BNA\_M  
ClientSampleId :  
DCVW9



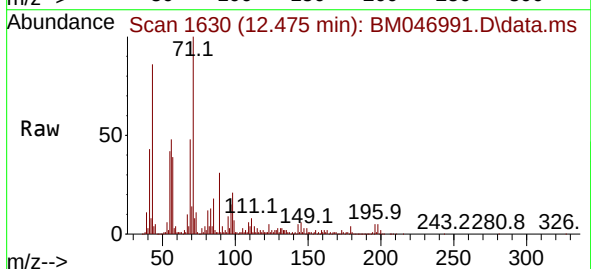
Tgt Ion:142 Resp: 677144  
Ion Ratio Lower Upper  
142 100  
141 90.0 72.0 108.0  
116 4.3 3.6 5.4

Manual Integrations  
APPROVED

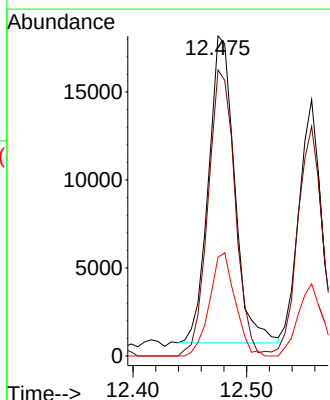
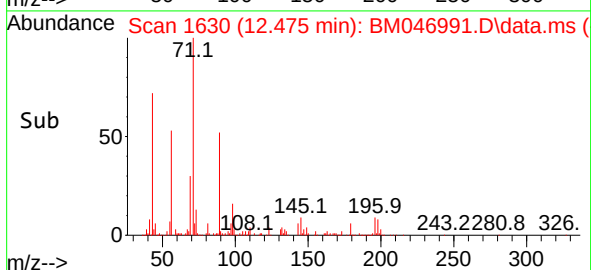
Reviewed By :Jagrut Upadhyay 08/06/2024  
Supervised By :mohammad ahmed 08/07/2024

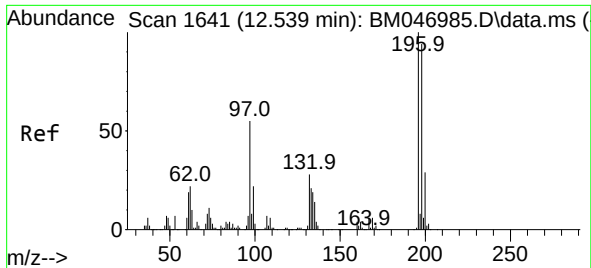


#41  
2,4,6-Trichlorophenol  
Concen: 3.429 ng/ul  
RT: 12.475 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: BM046991.D  
Acq: 05 Aug 2024 13:40



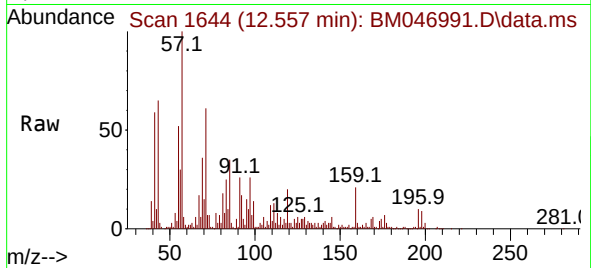
Tgt Ion:196 Resp: 27971  
Ion Ratio Lower Upper  
196 100  
198 89.3 78.7 118.1  
200 30.9 23.9 35.9





#42  
2,4,5-Trichlorophenol  
Concen: 2.018 ng/ul  
RT: 12.557 min Scan# 1644  
Delta R.T. 0.012 min  
Lab File: BM046991.D  
Acq: 05 Aug 2024 13:40

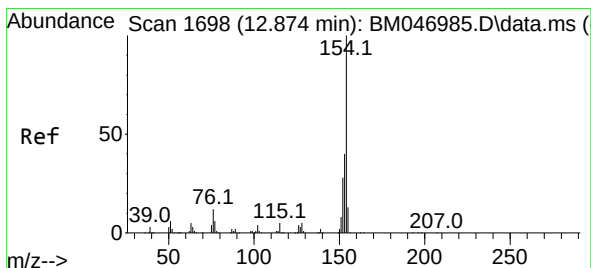
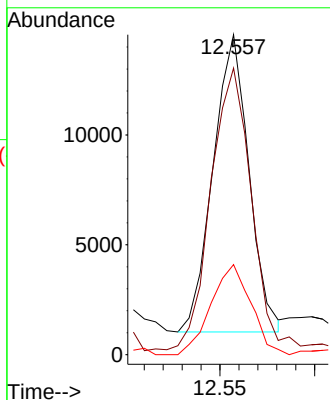
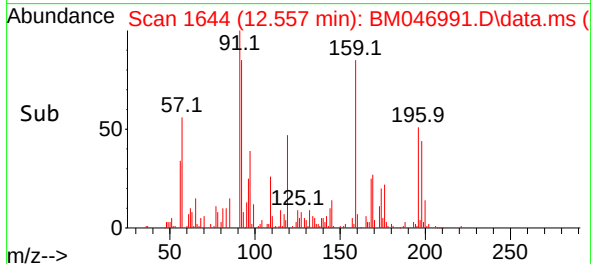
Instrument :  
BNA\_M  
ClientSampleId :  
DCVW9



Tgt Ion:196 Resp: 1776  
Ion Ratio Lower Upper  
196 100  
198 89.6 76.2 114.2  
200 28.1 25.0 37.6

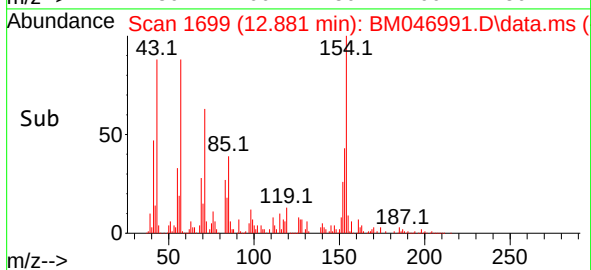
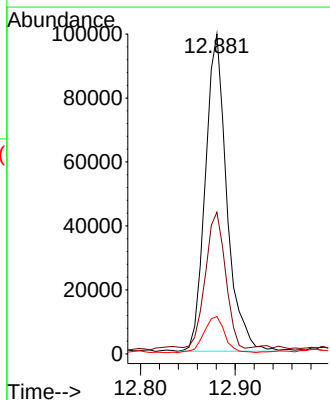
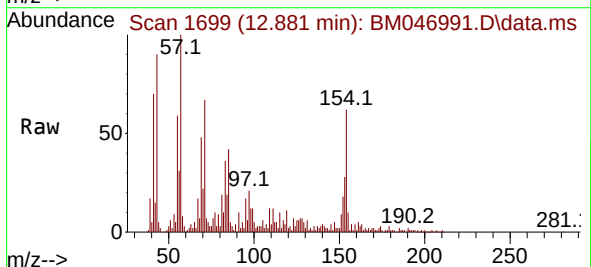
Manual Integrations  
APPROVED

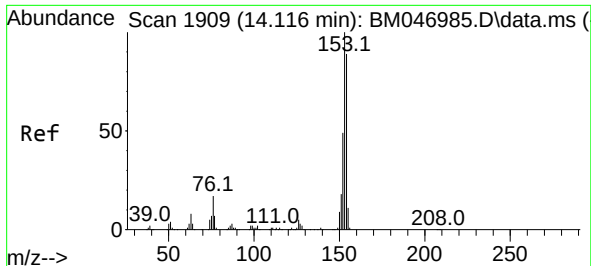
Reviewed By :Jagrut Upadhyay 08/06/2024  
Supervised By :mohammad ahmed 08/07/2024



#43  
1,1'-Biphenyl  
Concen: 5.265 ng/ul  
RT: 12.881 min Scan# 1699  
Delta R.T. 0.000 min  
Lab File: BM046991.D  
Acq: 05 Aug 2024 13:40

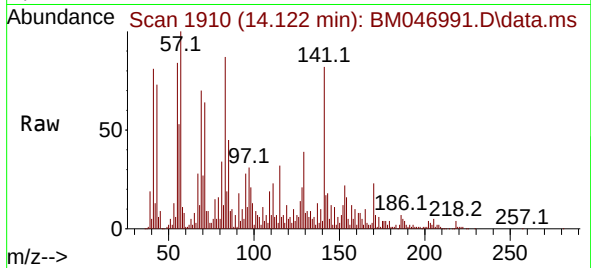
Tgt Ion:154 Resp: 156517  
Ion Ratio Lower Upper  
154 100  
153 44.3 30.7 46.1  
76 11.7 9.3 13.9





#52  
Acenaphthene  
Concen: 1.177 ng/ul  
RT: 14.122 min Scan# 1909  
Delta R.T. 0.000 min  
Lab File: BM046991.D  
Acq: 05 Aug 2024 13:40

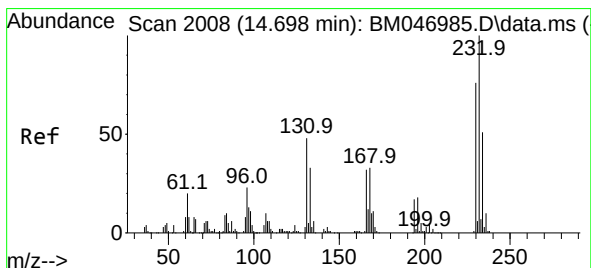
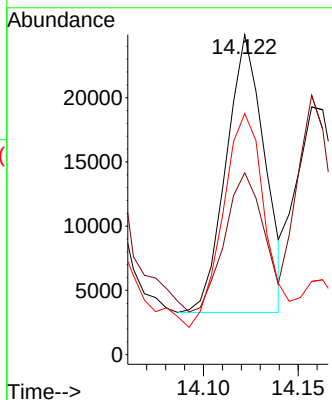
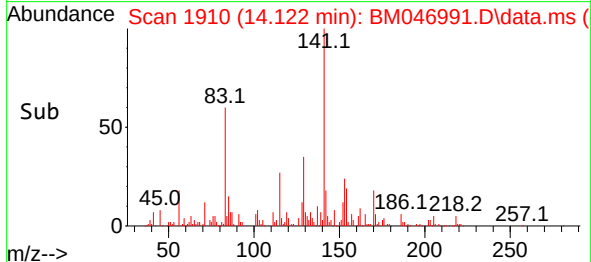
Instrument :  
BNA\_M  
ClientSampleId :  
DCVW9



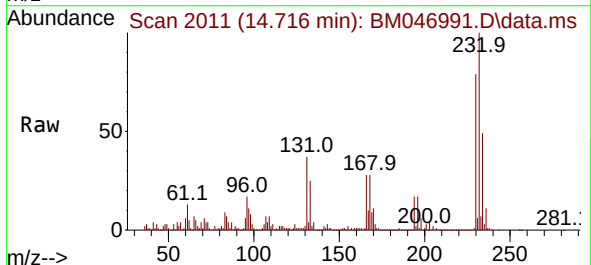
Tgt Ion:153 Resp: 3038  
Ion Ratio Lower Upper  
153 100  
152 56.9 38.2 57.2  
154 75.4 70.1 105.1

Manual Integrations  
APPROVED

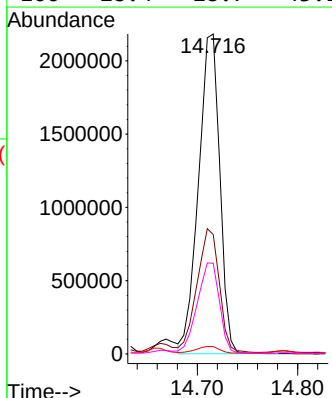
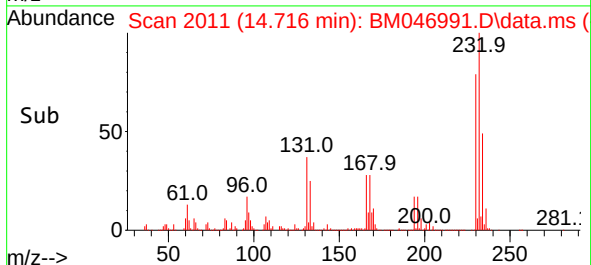
Reviewed By :Jagrut Upadhyay 08/06/2024  
Supervised By :mohammad ahmed 08/07/2024

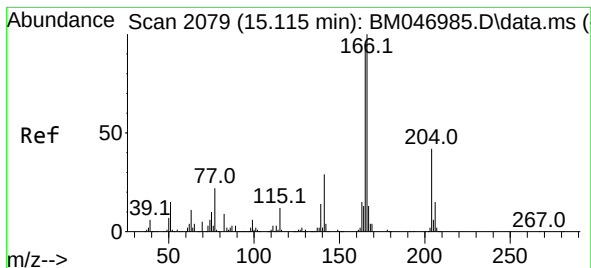


#58  
2,3,4,6-Tetrachlorophenol  
Concen: 411.982 ng/ul  
RT: 14.716 min Scan# 2011  
Delta R.T. 0.012 min  
Lab File: BM046991.D  
Acq: 05 Aug 2024 13:40



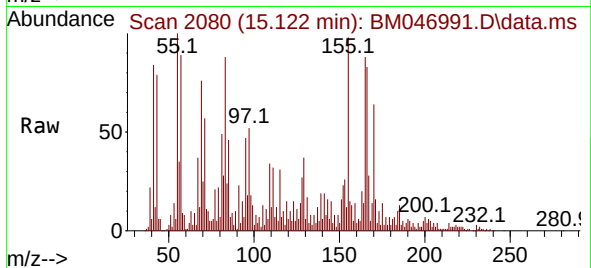
Tgt Ion:232 Resp: 3225258  
Ion Ratio Lower Upper  
232 100  
131 37.3 40.8 61.2#  
130 2.3 2.6 3.8#  
166 28.4 28.7 43.1#





#61  
Fluorene  
Concen: 2.613 ng/ul  
RT: 15.122 min Scan# 2079  
Delta R.T. 0.000 min  
Lab File: BM046991.D  
Acq: 05 Aug 2024 13:40

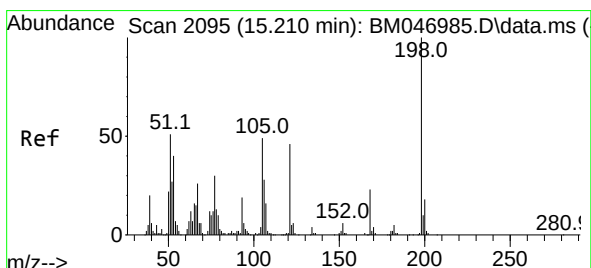
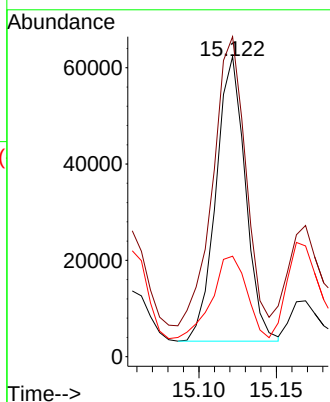
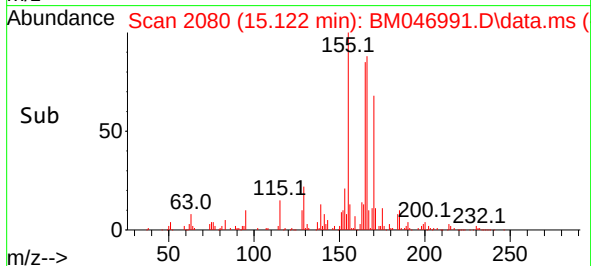
Instrument :  
BNA\_M  
ClientSampleId :  
DCVW9



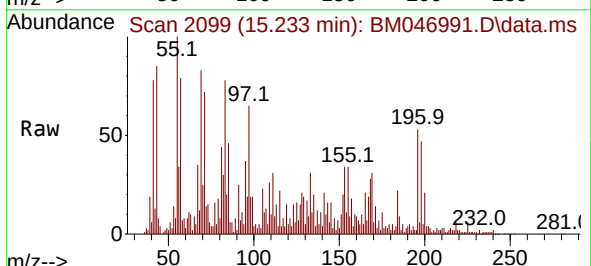
Tgt Ion:166 Resp: 78098  
Ion Ratio Lower Upper  
166 100  
165 106.6 79.5 119.3  
167 33.5 11.5 17.3

Manual Integrations  
APPROVED

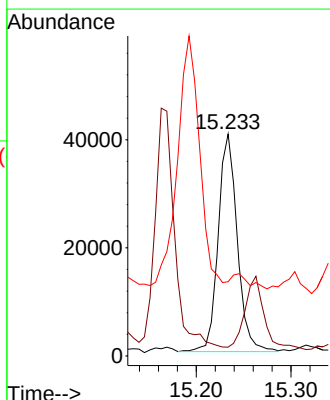
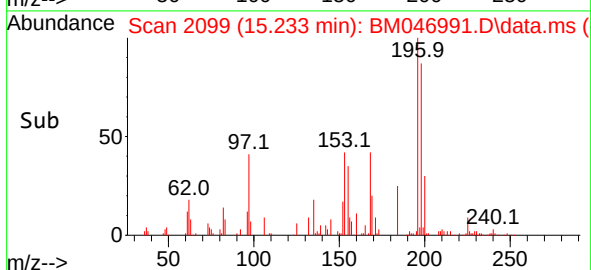
Reviewed By :Jagrut Upadhyay 08/06/2024  
Supervised By :mohammad ahmed 08/07/2024



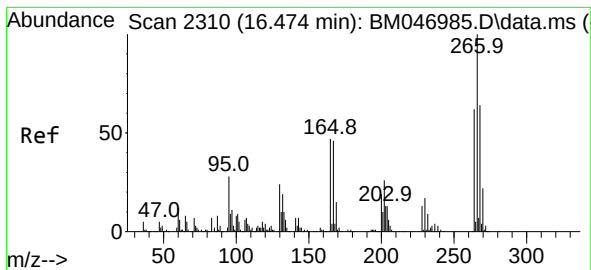
#66  
4,6-Dinitro-2-methylphenol  
Concen: 10.585 ng/ul  
RT: 15.233 min Scan# 2099  
Delta R.T. 0.018 min  
Lab File: BM046991.D  
Acq: 05 Aug 2024 13:40



Tgt Ion:198 Resp: 56599  
Ion Ratio Lower Upper  
198 100  
182 3.9 3.6 5.4  
77 33.5 24.4 36.6

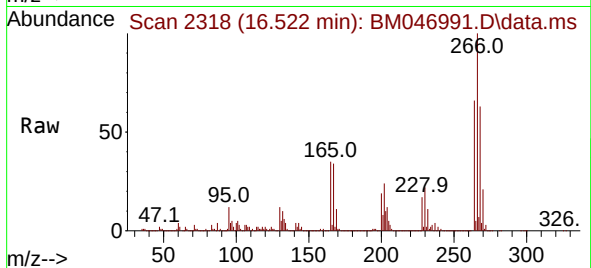






#71  
Pentachlorophenol  
Concen: 4461.618 ng/ul m  
RT: 16.522 min Scan# 21  
Delta R.T. 0.042 min  
Lab File: BM046991.D  
Acq: 05 Aug 2024 13:40

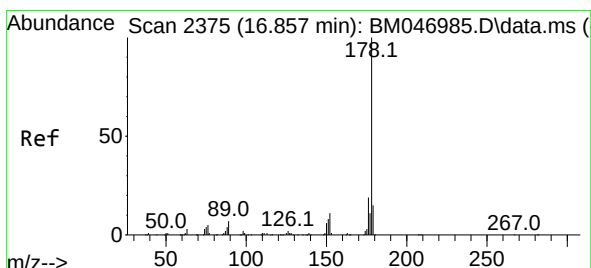
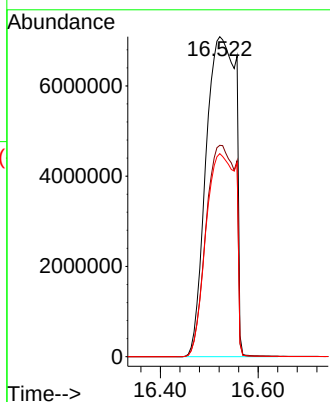
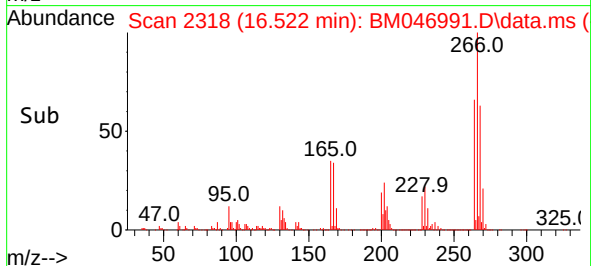
Instrument :  
BNA\_M  
ClientSampleId :  
DCVW9



Tgt Ion:266 Resp:29776530  
Ion Ratio Lower Upper  
266 100  
264 66.0 50.7 76.1  
268 63.4 53.0 79.6

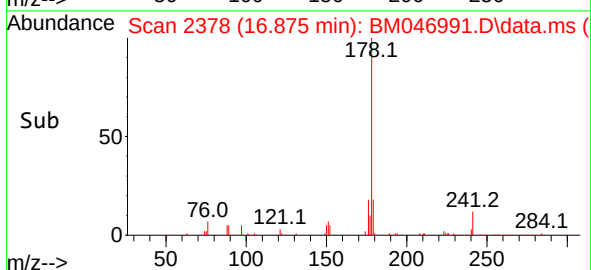
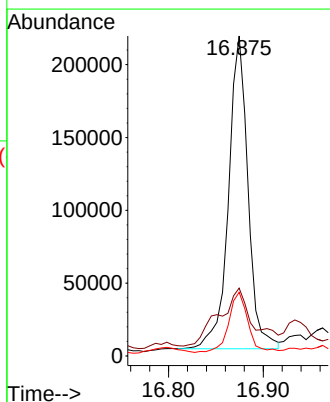
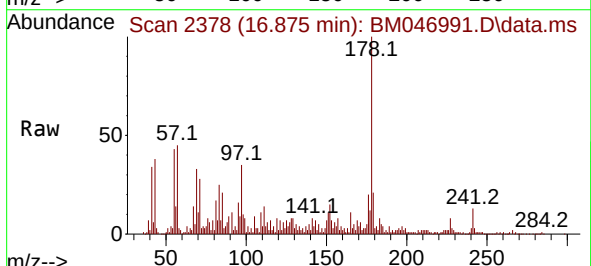
Manual Integrations  
APPROVED

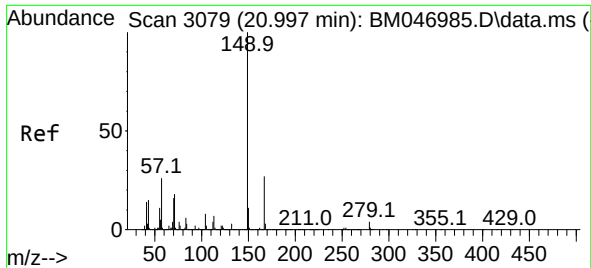
Reviewed By :Jagrut Upadhyay 08/06/2024  
Supervised By :mohammad ahmed 08/07/2024



#72  
Phenanthrene  
Concen: 7.076 ng/ul  
RT: 16.875 min Scan# 2378  
Delta R.T. 0.012 min  
Lab File: BM046991.D  
Acq: 05 Aug 2024 13:40

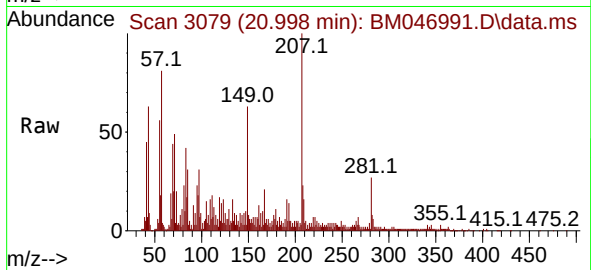
Tgt Ion:178 Resp: 306779  
Ion Ratio Lower Upper  
178 100  
179 21.2 12.3 18.5#  
176 19.9 15.3 22.9





#86  
 Bis(2-ethylhexyl)phthalate  
 Concen: 1.556 ng/ul  
 RT: 20.998 min Scan# 3079  
 Delta R.T. -0.006 min  
 Lab File: BM046991.D  
 Acq: 05 Aug 2024 13:40

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DCVW9



Tgt Ion:149 Resp: 51790  
 Ion Ratio Lower Upper  
 149 100  
 167 33.8 21.3 31.9  
 279 5.7 3.3 4.9

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024  
 Supervised By :mohammad ahmed 08/07/2024

