

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM100324\  
 Data File : BM047850.D  
 Acq On : 04 Oct 2024 20:15  
 Operator : RC/JU  
 Sample : P4017-20ME  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DDCD6ME

Quant Time: Oct 04 23:07:37 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 04 08:32:31 2024  
 Response via : Initial Calibration

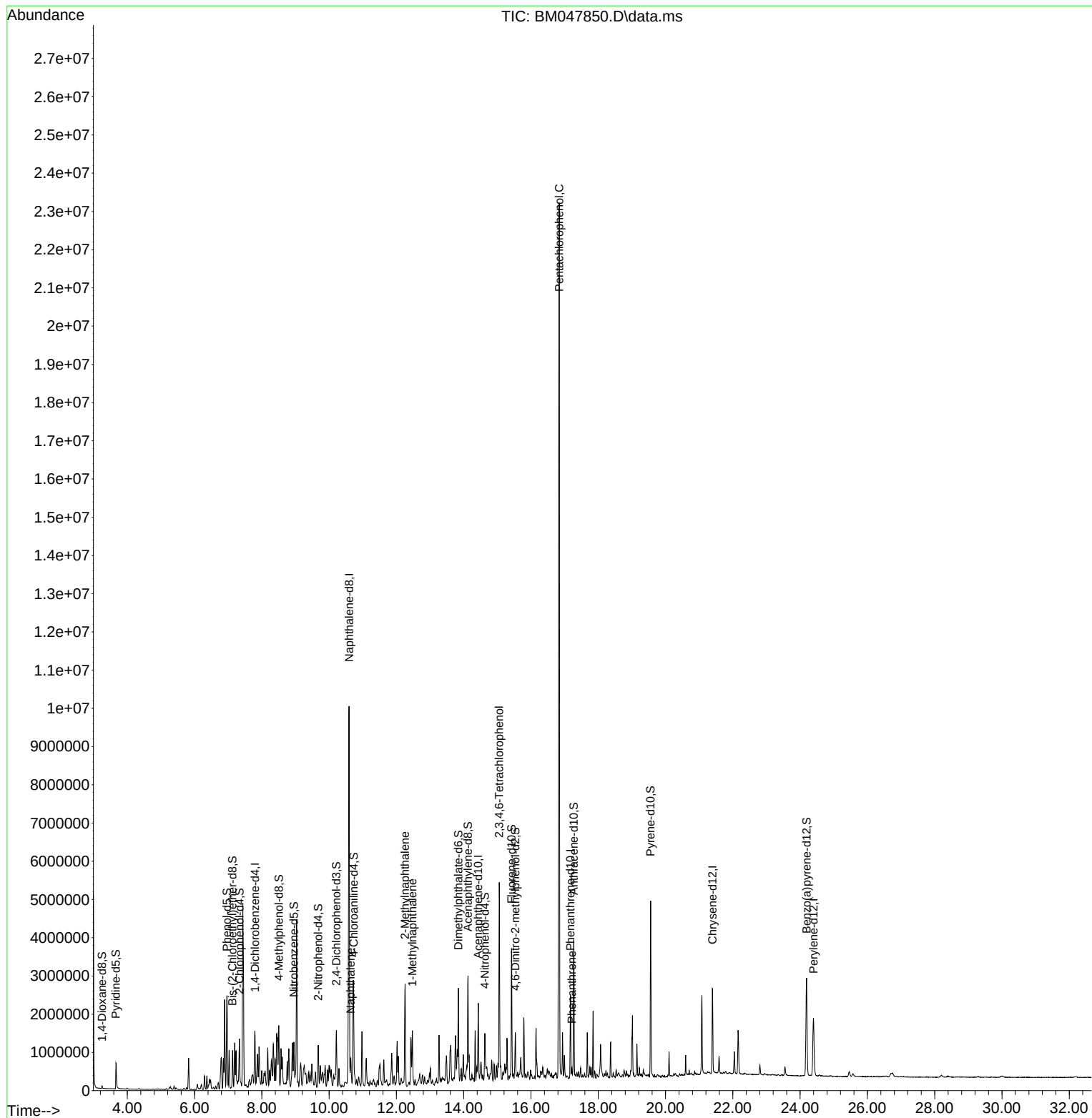
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.798  | 152  | 260878   | 20.000  | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.592 | 136  | 1041341  | 20.000  | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.433 | 164  | 646901   | 20.000  | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.174 | 188  | 1278535  | 20.000  | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.392 | 240  | 1239538  | 20.000  | ng/ul  | 0.00     |
| 88) Perylene-d12              | 24.397 | 264  | 1400483  | 20.000  | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.252  | 96   | 36068    | 4.468   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.663  | 84   | 390047   | 16.502  | ng/ul  | 0.00     |
| 7) Phenol-d5                  | 6.963  | 99   | 653030   | 26.472  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.128  | 67   | 414243   | 23.664  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.334  | 132  | 536131   | 29.872  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.504  | 113  | 521372   | 28.427  | ng/ul  | 0.00     |
| 21) Nitrobenzene-d5           | 8.951  | 128  | 264330   | 31.881  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.675  | 143  | 277037   | 34.867  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.216 | 165  | 521021   | 32.826  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.728 | 131  | 710926   | 28.972  | ng/ul  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.845 | 166  | 1540628  | 32.849  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.127 | 160  | 1847288  | 33.220  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.627 | 143  | 242176   | 25.935  | ng/ul  | 0.00     |
| 60) Fluorene-d10              | 15.421 | 176  | 1360175  | 33.482  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.539 | 200  | 180842   | 24.171  | ng/ul  | 0.00     |
| 73) Anthracene-d10            | 17.274 | 188  | 2064992  | 32.847  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.556 | 212  | 2459401  | 34.960  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.191 | 264  | 2478764  | 34.113  | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 30) Naphthalene               | 10.639 | 128  | 430029   | 7.179   | ng/ul  | 98       |
| 36) 2-Methylnaphthalene       | 12.257 | 142  | 1178716  | 30.971  | ng/ul  | 97       |
| 37) 1-Methylnaphthalene       | 12.475 | 142  | 627764   | 16.212  | ng/ul  | 99       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.057 | 232  | 887802   | 84.533  | ng/ul  | 98       |
| 71) Pentachlorophenol         | 16.839 | 266  | 5209673  | 534.202 | ng/ul  | 98       |
| 72) Phenanthrene              | 17.215 | 178  | 156484   | 2.087   | ng/ul  | 95       |
| -----                         |        |      |          |         |        |          |

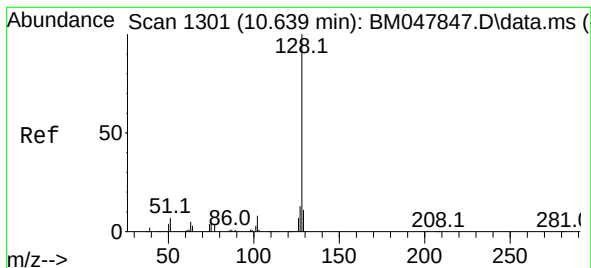
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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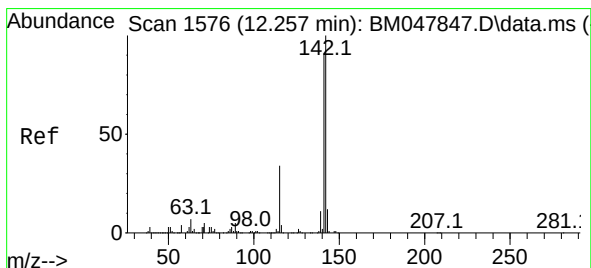
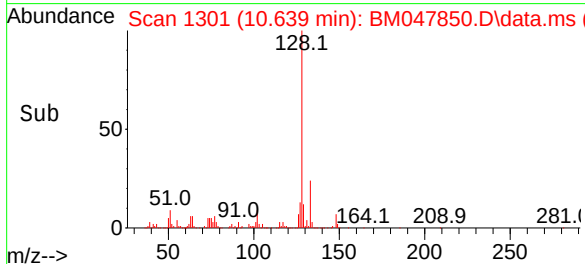
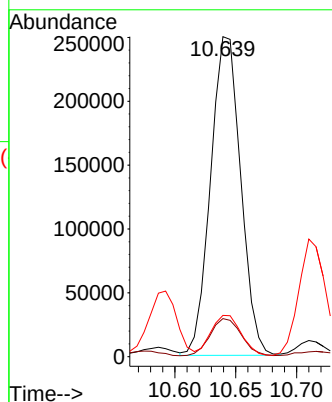
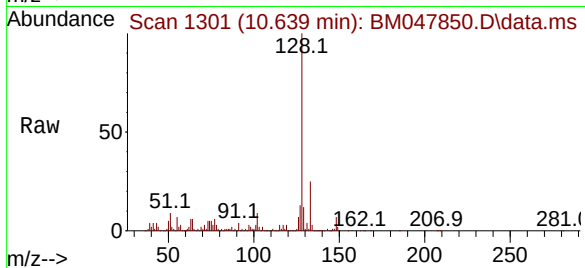




#30  
Naphthalene  
Concen: 7.179 ng/ul  
RT: 10.639 min Scan# 1301  
Delta R.T. -0.006 min  
Lab File: BM047850.D  
Acq: 04 Oct 2024 20:15

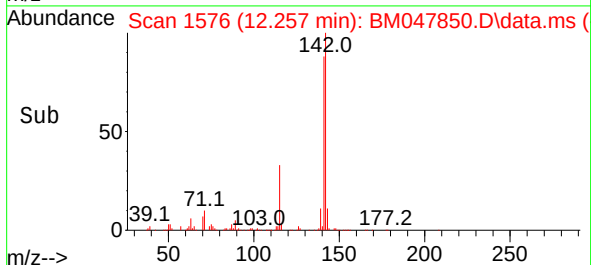
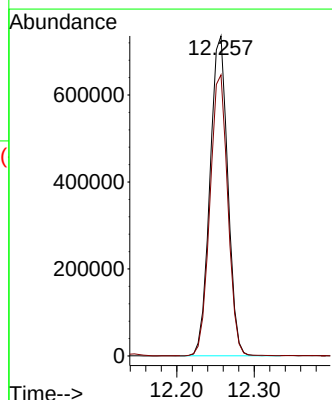
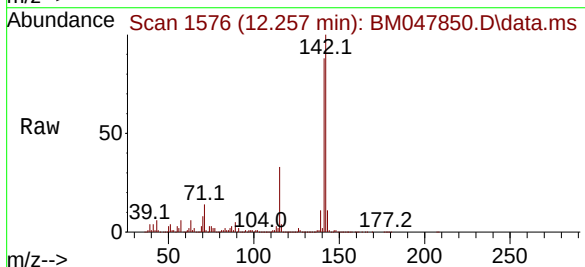
Instrument :  
BNA\_M  
ClientSampleId :  
DDCD6ME

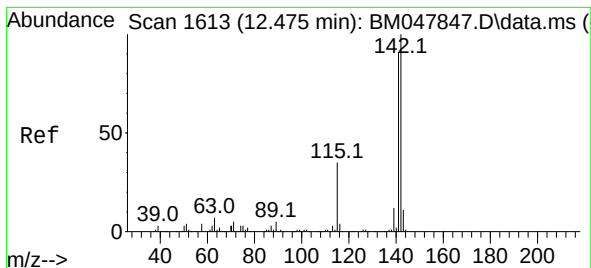
Tgt Ion:128 Resp: 430029  
Ion Ratio Lower Upper  
128 100  
129 11.9 8.6 12.8  
127 12.9 10.4 15.6



#36  
2-Methylnaphthalene  
Concen: 30.971 ng/ul  
RT: 12.257 min Scan# 1576  
Delta R.T. 0.000 min  
Lab File: BM047850.D  
Acq: 04 Oct 2024 20:15

Tgt Ion:142 Resp: 1178716  
Ion Ratio Lower Upper  
142 100  
141 87.9 72.5 108.7





#37

1-Methylnaphthalene

Concen: 16.212 ng/ul

RT: 12.475 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM047850.D

Acq: 04 Oct 2024 20:15

Instrument :

BNA\_M

ClientSampleId :

DDCD6ME

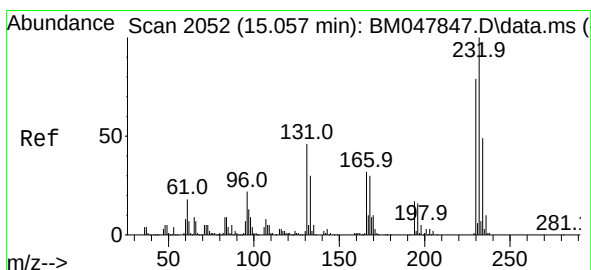
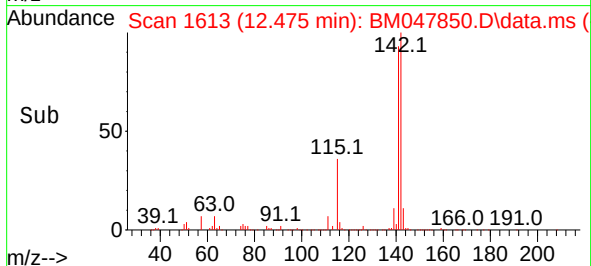
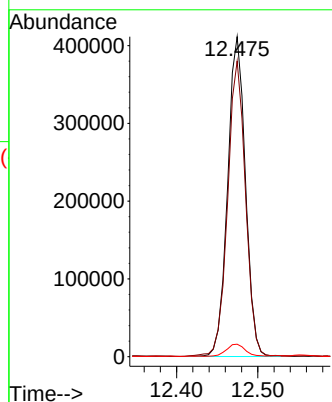
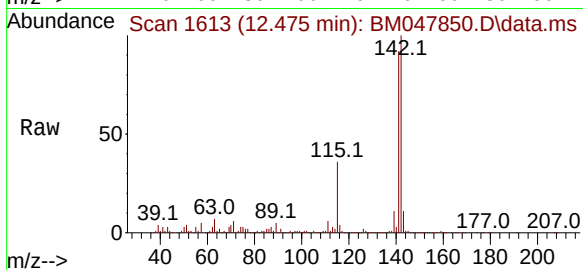
Tgt Ion:142 Resp: 627764

Ion Ratio Lower Upper

142 100

141 92.4 73.4 110.2

116 3.9 3.0 4.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 84.533 ng/ul

RT: 15.057 min Scan# 2052

Delta R.T. -0.006 min

Lab File: BM047850.D

Acq: 04 Oct 2024 20:15

Tgt Ion:232 Resp: 887802

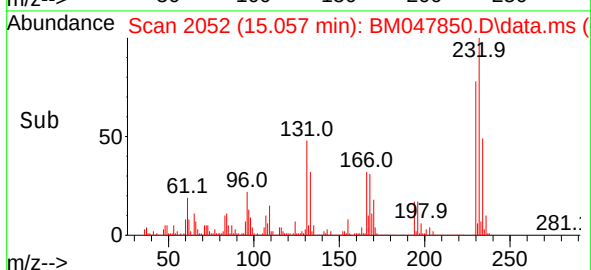
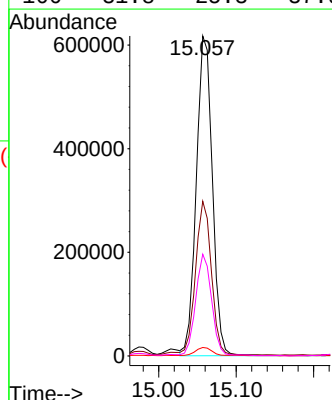
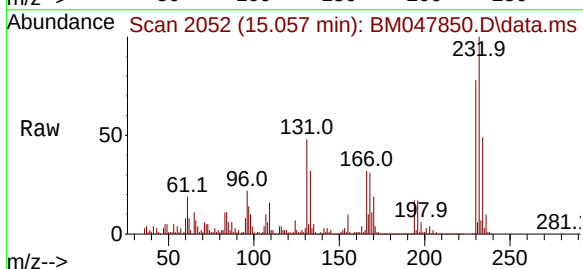
Ion Ratio Lower Upper

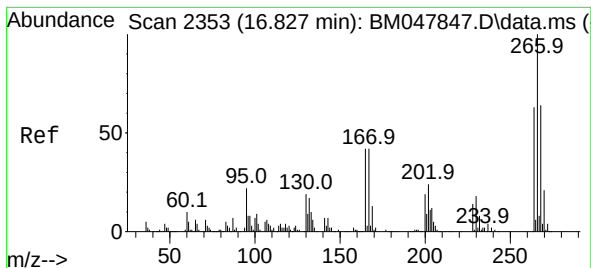
232 100

131 48.3 40.2 60.4

130 2.7 2.6 4.0

166 31.8 25.3 37.9





#71

Pentachlorophenol

Concen: 534.202 ng/ul

RT: 16.839 min Scan# 2419

Delta R.T. 0.012 min

Lab File: BM047850.D

Acq: 04 Oct 2024 20:15

Instrument :

BNA\_M

ClientSampleId :

DDCD6ME

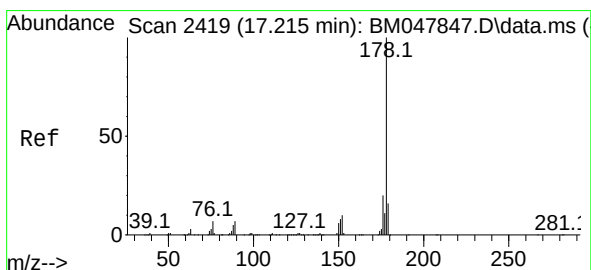
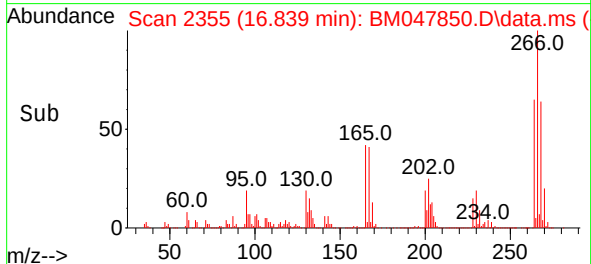
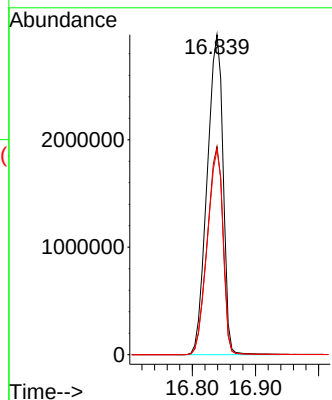
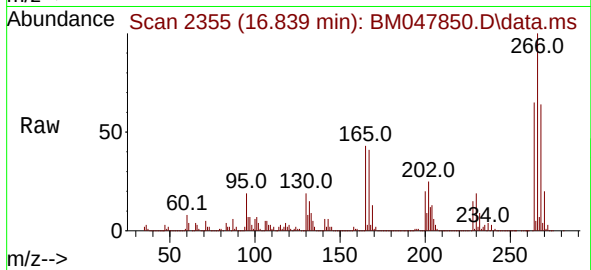
Tgt Ion:266 Resp: 5209673

Ion Ratio Lower Upper

266 100

264 65.1 50.2 75.2

268 64.0 50.9 76.3



#72

Phenanthrene

Concen: 2.087 ng/ul

RT: 17.215 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BM047850.D

Acq: 04 Oct 2024 20:15

Tgt Ion:178 Resp: 156484

Ion Ratio Lower Upper

178 100

179 17.4 12.0 18.0

176 20.9 15.4 23.0

