

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092824\  
 Data File : BM047689.D  
 Acq On : 28 Sep 2024 13:23  
 Operator : RC/JU  
 Sample : P3910-13ME  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DDC33ME

Quant Time: Sep 29 00:49:50 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM092724.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Sep 28 02:30:36 2024  
 Response via : Initial Calibration

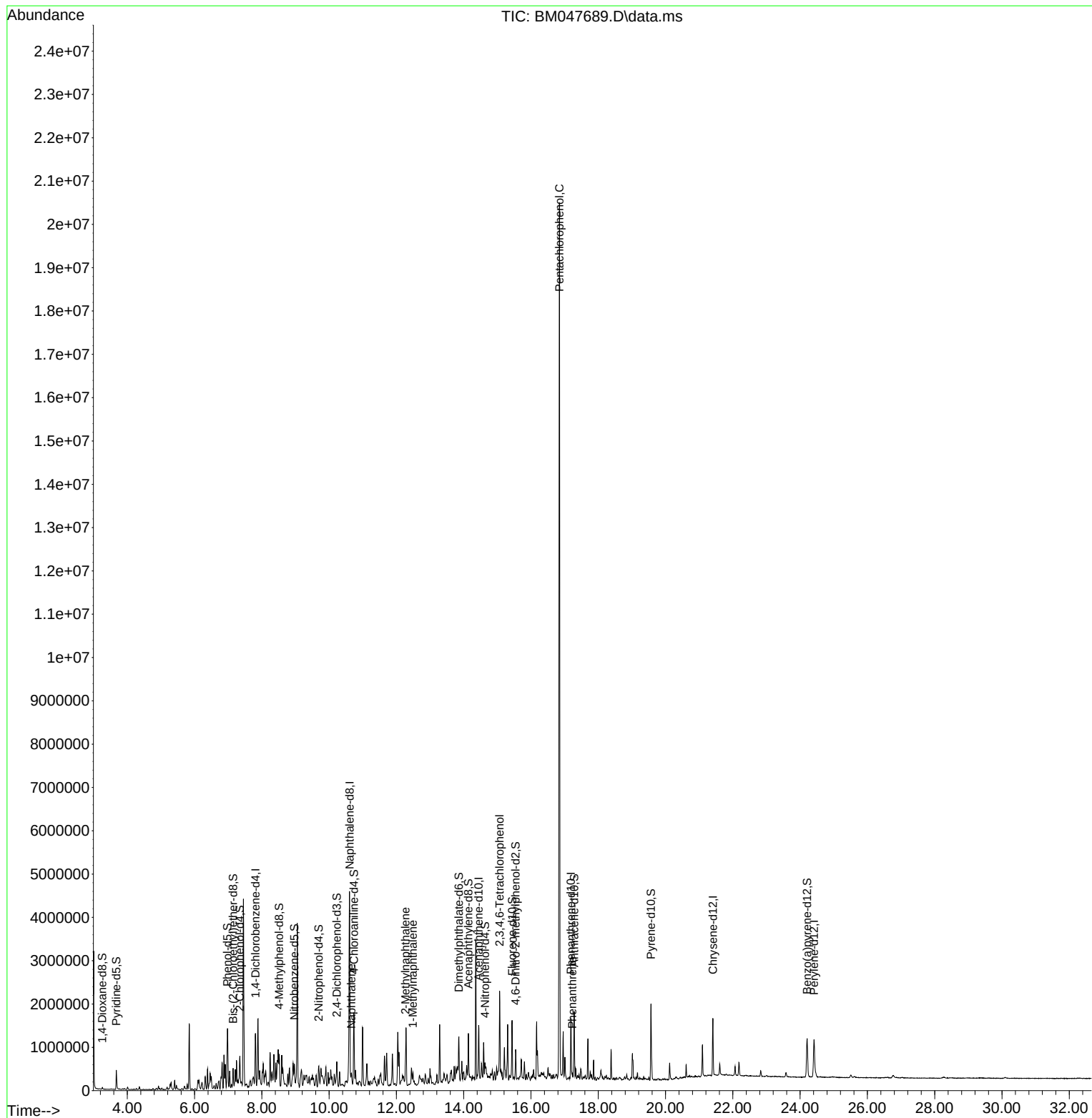
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.816  | 152  | 151889   | 20.000  | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.610 | 136  | 663205   | 20.000  | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.445 | 164  | 381640   | 20.000  | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.186 | 188  | 750726   | 20.000  | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.409 | 240  | 685807   | 20.000  | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.415 | 264  | 781894   | 20.000  | ng/u1  | 0.00     |
|                               |        |      |          |         |        |          |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 3) 1,4-Dioxane-d8             | 3.257  | 96   | 15919    | 3.387   | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.675  | 84   | 212032   | 15.407  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.975  | 99   | 257926   | 17.958  | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.145  | 67   | 191899   | 18.829  | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.345  | 132  | 195643   | 18.722  | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.516  | 113  | 212277   | 19.879  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.969  | 128  | 94745    | 17.943  | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.692  | 143  | 89525    | 17.692  | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.227 | 165  | 176241   | 17.435  | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.739 | 131  | 282577   | 18.082  | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.857 | 166  | 560415   | 20.254  | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.139 | 160  | 668102   | 20.365  | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.633 | 143  | 74447    | 13.514  | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.439 | 176  | 495102   | 20.658  | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.545 | 200  | 54927    | 12.503  | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.286 | 188  | 760579   | 20.604  | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.568 | 212  | 874194   | 22.460  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.209 | 264  | 838650   | 20.673  | ng/u1  | 0.00     |
|                               |        |      |          |         |        |          |
| Target Compounds              |        |      |          |         | Qvalue |          |
| 30) Naphthalene               | 10.657 | 128  | 128334   | 3.364   | ng/u1  | 98       |
| 36) 2-Methylnaphthalene       | 12.269 | 142  | 178431   | 7.361   | ng/u1  | 99       |
| 37) 1-Methylnaphthalene       | 12.492 | 142  | 103725   | 4.206   | ng/u1  | 98       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.068 | 232  | 310919   | 50.181  | ng/u1  | 94       |
| 71) Pentachlorophenol         | 16.845 | 266  | 3706201  | 647.225 | ng/u1  | 99       |
| 72) Phenanthrene              | 17.227 | 178  | 57150    | 1.298   | ng/u1# | 96       |
| -----                         |        |      |          |         |        |          |

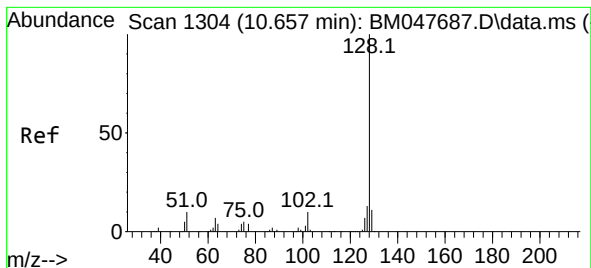
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#30

Naphthalene

Concen: 3.364 ng/ul

RT: 10.657 min Scan# 11

Delta R.T. -0.006 min

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DDC33ME

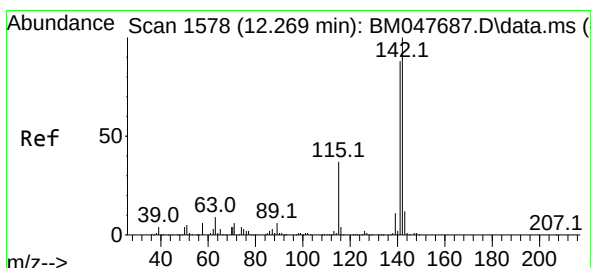
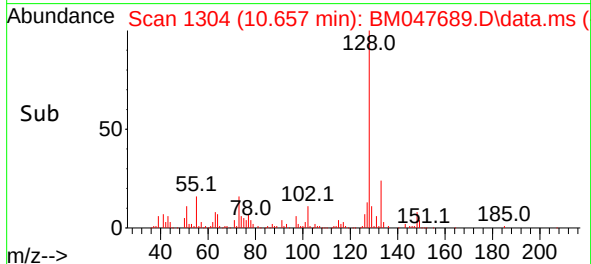
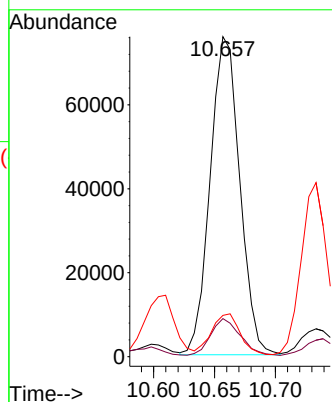
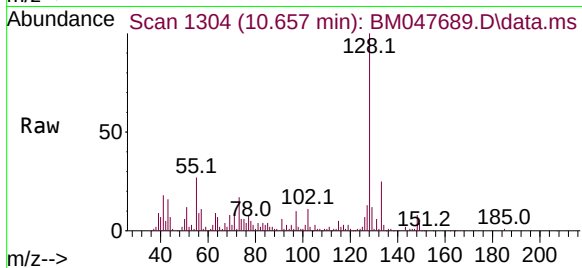
Tgt Ion:128 Resp: 128334

Ion Ratio Lower Upper

128 100

129 11.9 8.6 12.8

127 12.9 10.4 15.6



#36

2-Methylnaphthalene

Concen: 7.361 ng/ul

RT: 12.269 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BM047689.D

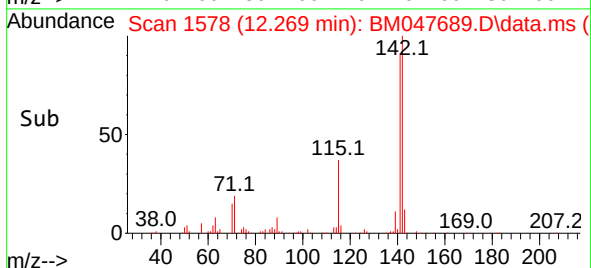
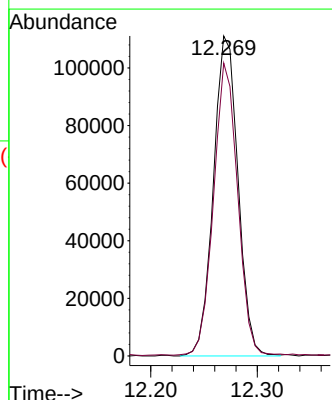
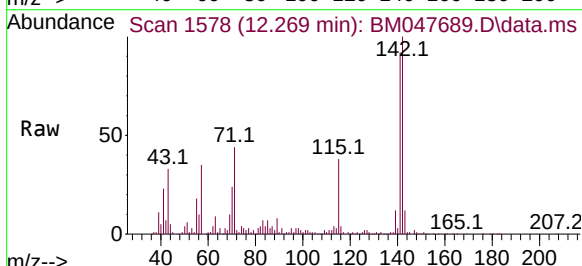
Acq: 28 Sep 2024 13:23

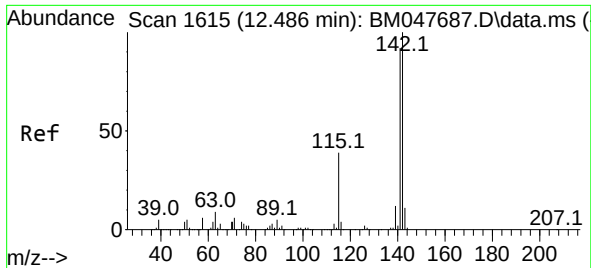
Tgt Ion:142 Resp: 178431

Ion Ratio Lower Upper

142 100

141 91.6 72.5 108.7





#37

1-Methylnaphthalene

Concen: 4.206 ng/ul

RT: 12.492 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047689.D

Acq: 28 Sep 2024 13:23

Instrument :

BNA\_M

ClientSampleId :

DDC33ME

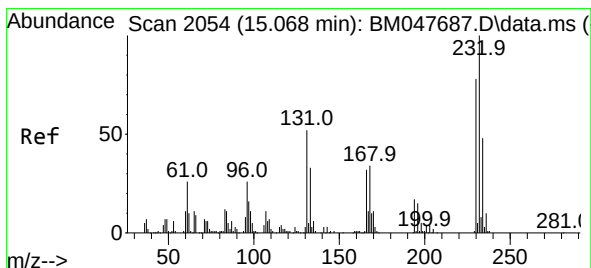
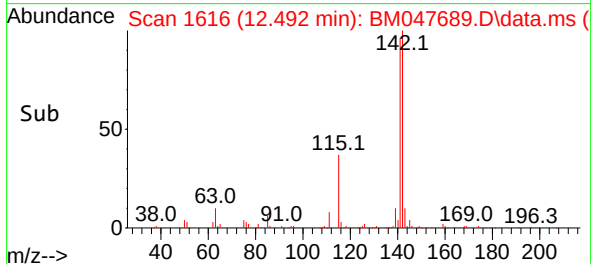
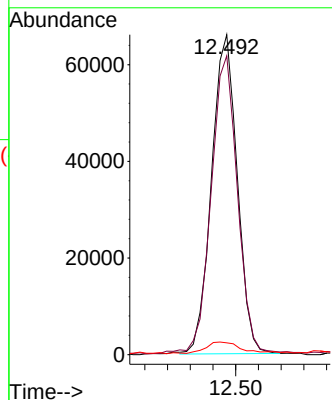
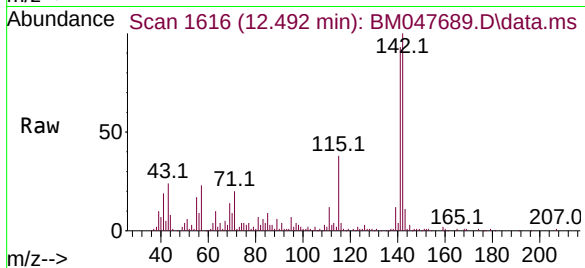
Tgt Ion:142 Resp: 103725

Ion Ratio Lower Upper

142 100

141 93.4 73.4 110.2

116 3.7 3.0 4.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.181 ng/ul

RT: 15.068 min Scan# 2054

Delta R.T. -0.000 min

Lab File: BM047689.D

Acq: 28 Sep 2024 13:23

Tgt Ion:232 Resp: 310919

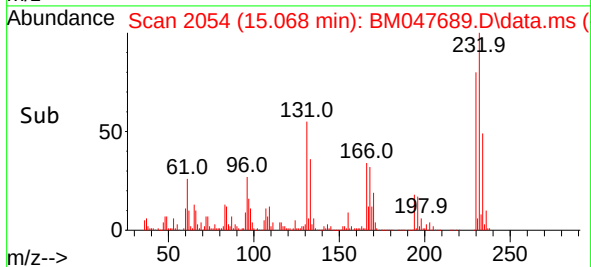
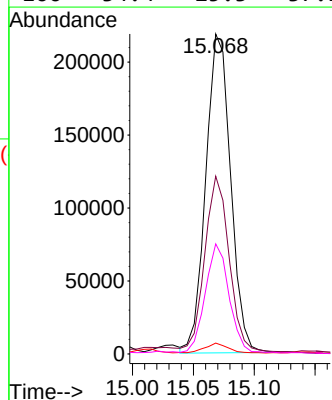
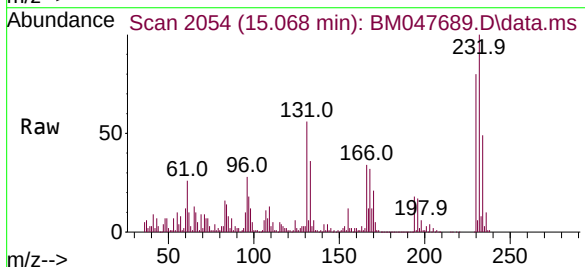
Ion Ratio Lower Upper

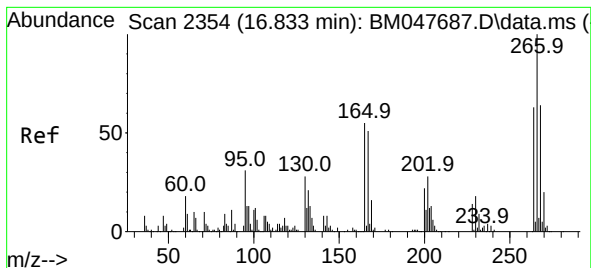
232 100

131 55.5 40.2 60.4

130 3.4 2.6 4.0

166 34.4 25.3 37.9





#71

Pentachlorophenol

Concen: 647.225 ng/ul

RT: 16.845 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM047689.D

Acq: 28 Sep 2024 13:23

Instrument :

BNA\_M

ClientSampleId :

DDC33ME

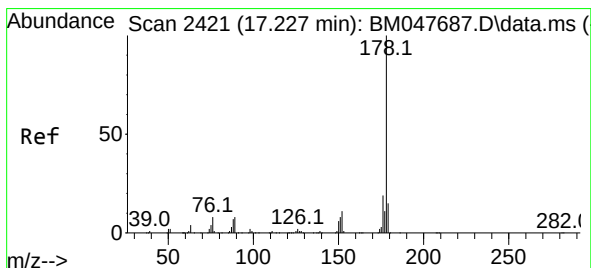
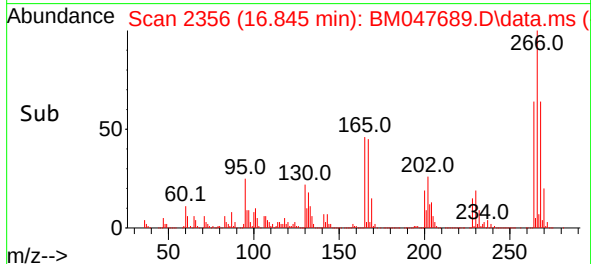
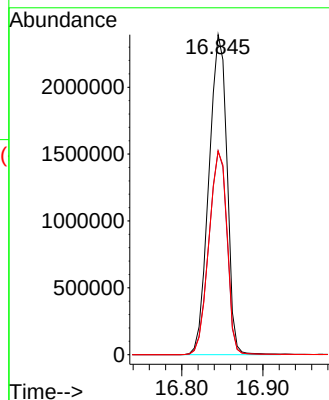
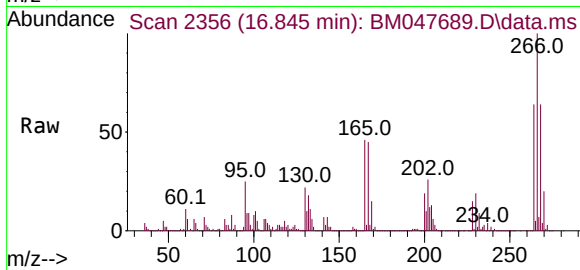
Tgt Ion:266 Resp: 3706201

Ion Ratio Lower Upper

266 100

264 63.7 50.2 75.2

268 63.6 50.9 76.3



#72

Phenanthrene

Concen: 1.298 ng/ul

RT: 17.227 min Scan# 2421

Delta R.T. -0.000 min

Lab File: BM047689.D

Acq: 28 Sep 2024 13:23

Tgt Ion:178 Resp: 57150

Ion Ratio Lower Upper

178 100

179 18.4 12.0 18.0#

176 19.1 15.4 23.0

