

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101022\  
 Data File : BM036916.D  
 Acq On : 10 Oct 2022 20:13  
 Operator : CG/JU  
 Sample : N4951-01  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CB8T4

Quant Time: Oct 11 02:18:21 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM100622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 10 00:54:15 2022  
 Response via : Initial Calibration

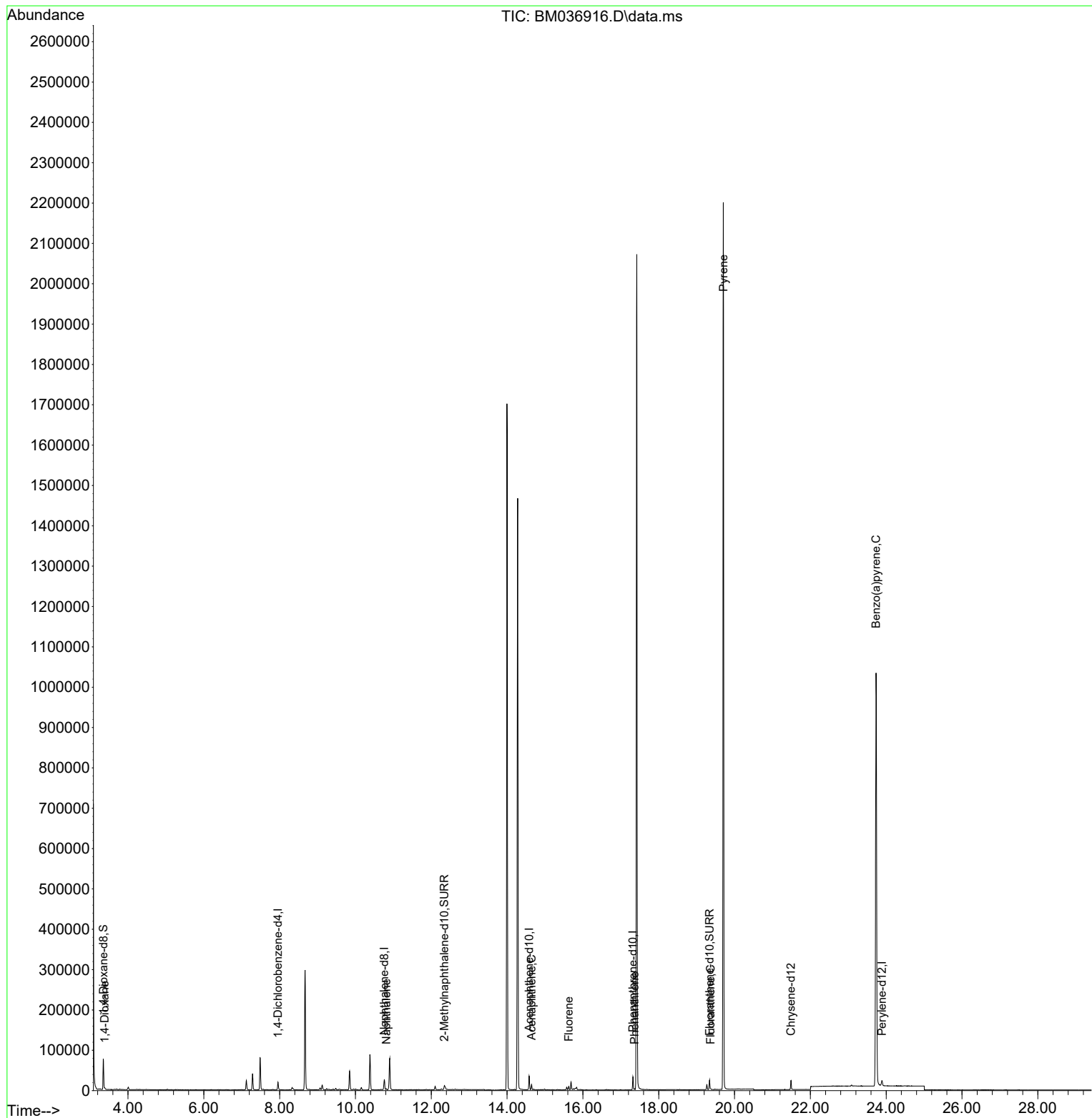
| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.955  | 152  | 9274     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.760 | 136  | 32833    | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.580 | 164  | 18404    | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 17.318 | 188  | 35544    | 0.400 | ng/ul   | 0.00     |
| 17) Chrysene-d12            | 21.488 | 240  | 20741    | 0.400 | ng/ul   | 0.00     |
| 23) Perylene-d12            | 23.888 | 264  | 18668    | 0.400 | ng/ul # | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.348  | 96   | 45182    | 3.455 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.343 | 152  | 12254    | 0.247 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 19.340 | 212  | 25008    | 0.403 | ng/ul   | 0.00     |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 2) 1,4-Dioxane              | 3.386  | 88   | 1746     | 0.137 | ng/ul#  | 81       |
| 5) Naphthalene              | 10.815 | 128  | 2406     | 0.026 | ng/ul#  | 54       |
| 11) Acenaphthene            | 14.644 | 153  | 7192     | 0.108 | ng/ul   | 98       |
| 12) Fluorene                | 15.625 | 166  | 5340     | 0.071 | ng/ul#  | 97       |
| 15) Phenanthrene            | 17.360 | 178  | 2797     | 0.025 | ng/ul#  | 77       |
| 19) Fluoranthene            | 19.368 | 202  | 2057     | 0.025 | ng/ul#  | 73       |
| 20) Pyrene                  | 19.703 | 202  | 3379     | 0.039 | ng/ul#  | 1        |
| 26) Benzo(a)pyrene          | 23.733 | 252  | 5416     | 0.080 | ng/ul#  | 46       |
| -----                       |        |      |          |       |         |          |

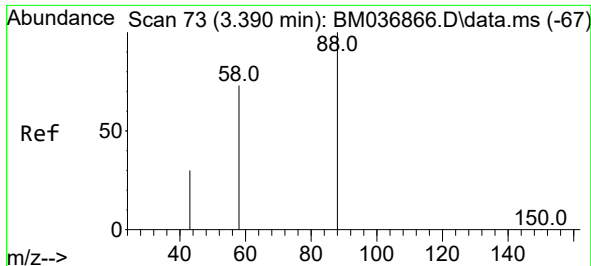
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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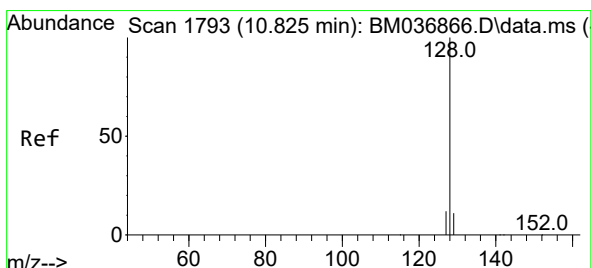
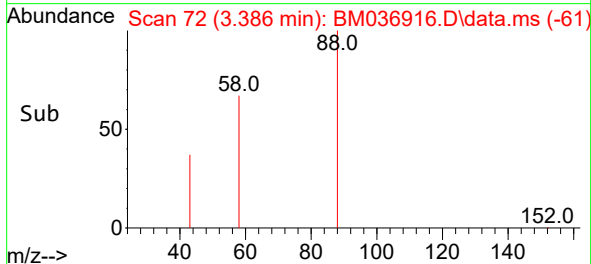
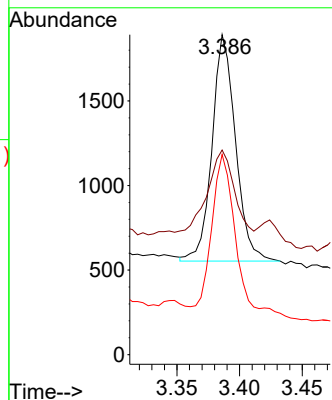
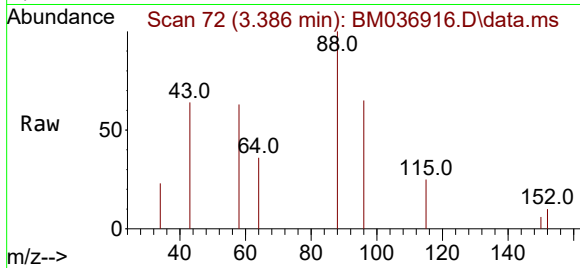




#2  
 1,4-Dioxane  
 Concen: 0.137 ng/ul  
 RT: 3.386 min Scan# 71  
 Delta R.T. -0.004 min  
 Lab File: BM036916.D  
 Acq: 10 Oct 2022 20:13

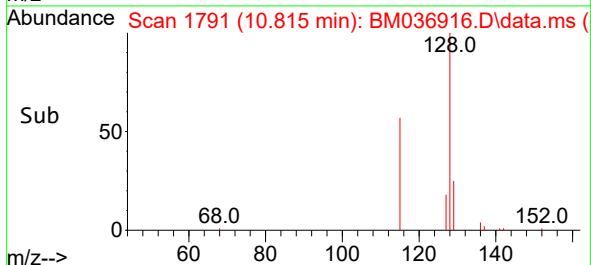
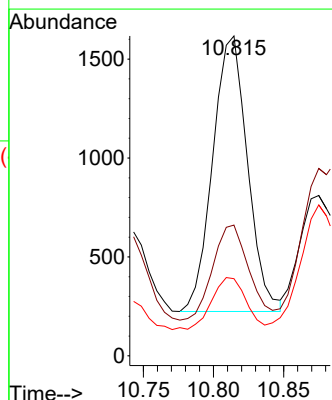
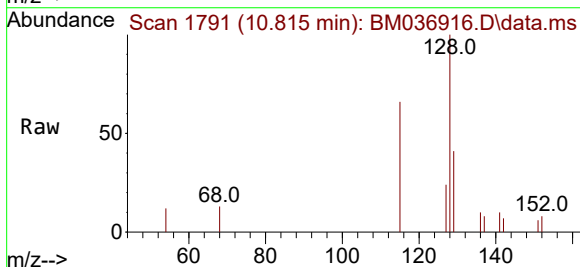
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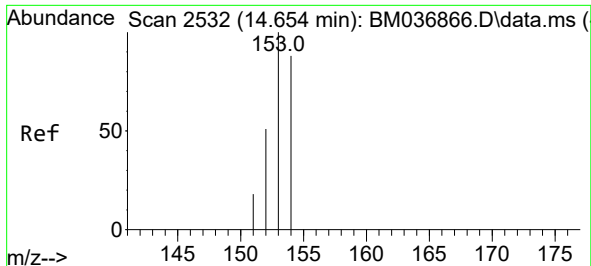
Tgt Ion: 88 Resp: 1746  
 Ion Ratio Lower Upper  
 88 100  
 43 64.0 37.8 56.6#  
 58 62.5 42.6 63.8



#5  
 Naphthalene  
 Concen: 0.026 ng/ul  
 RT: 10.815 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: BM036916.D  
 Acq: 10 Oct 2022 20:13

Tgt Ion: 128 Resp: 2406  
 Ion Ratio Lower Upper  
 128 100  
 129 40.9 10.2 15.2#  
 127 24.1 11.7 17.5#

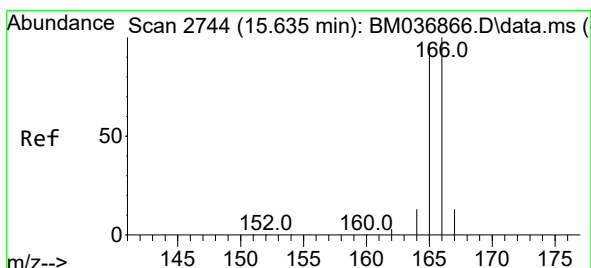
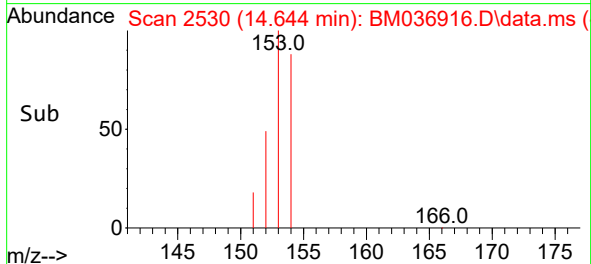
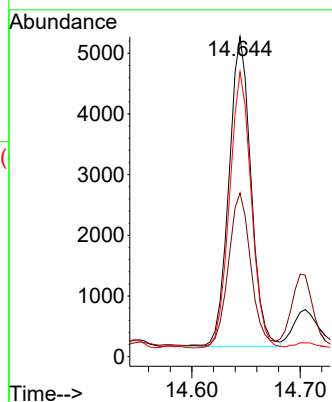
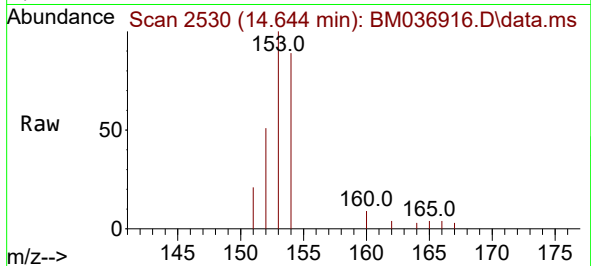




#11  
Acenaphthene  
Concen: 0.108 ng/ul  
RT: 14.644 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BM036916.D  
Acq: 10 Oct 2022 20:13

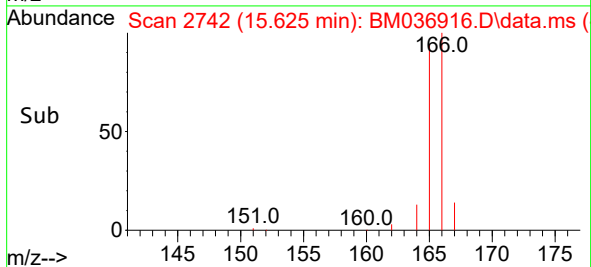
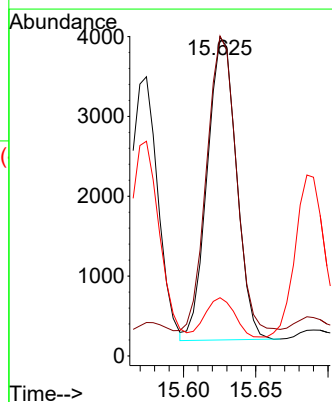
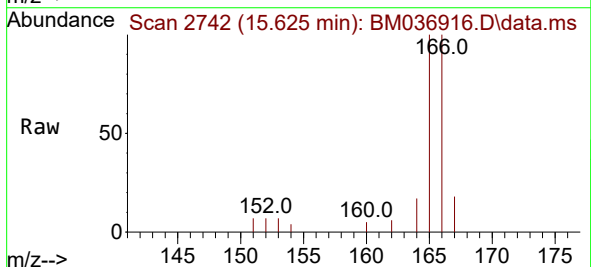
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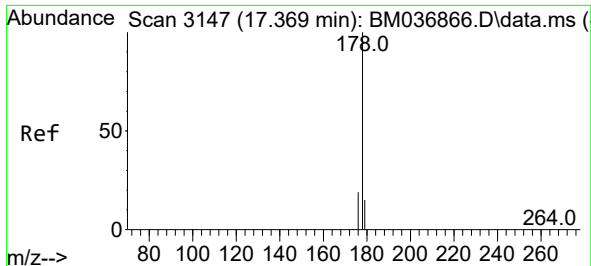
Tgt Ion:153 Resp: 7192  
Ion Ratio Lower Upper  
153 100  
152 51.1 40.2 60.4  
154 89.0 69.7 104.5



#12  
Fluorene  
Concen: 0.071 ng/ul  
RT: 15.625 min Scan# 2742  
Delta R.T. -0.005 min  
Lab File: BM036916.D  
Acq: 10 Oct 2022 20:13

Tgt Ion:166 Resp: 5340  
Ion Ratio Lower Upper  
166 100  
165 100.4 78.9 118.3  
167 18.3 11.3 16.9#

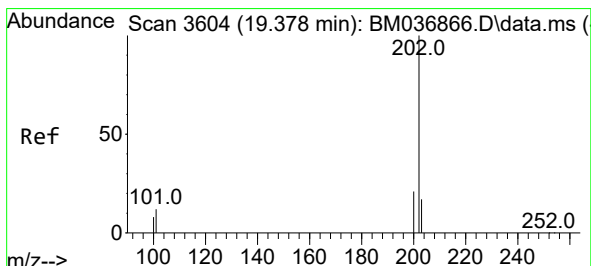
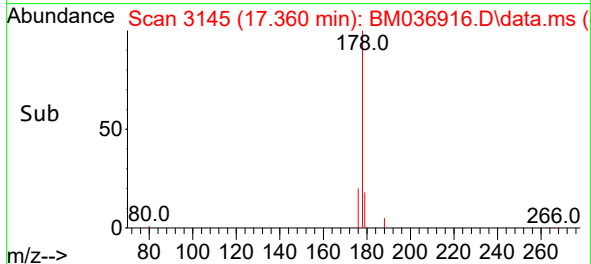
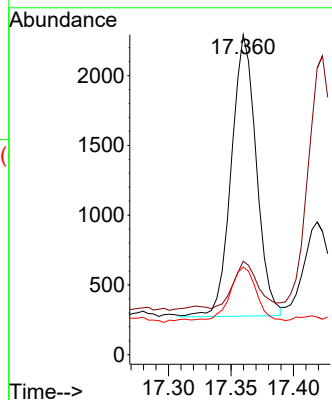
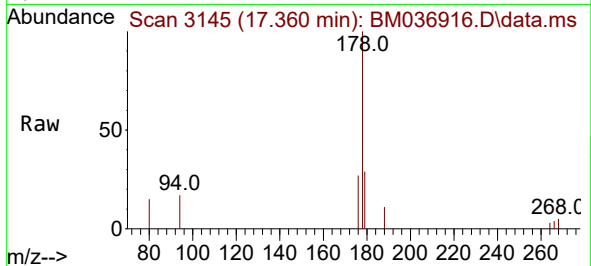




#15  
Phenanthrene  
Concen: 0.025 ng/ul  
RT: 17.360 min Scan# 3145  
Delta R.T. -0.005 min  
Lab File: BM036916.D  
Acq: 10 Oct 2022 20:13

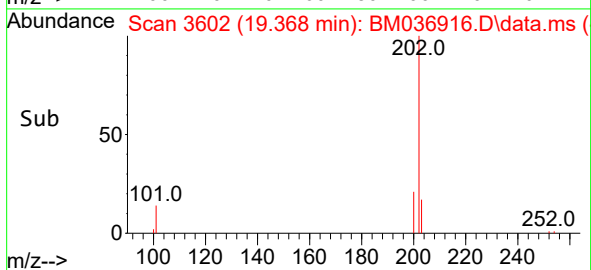
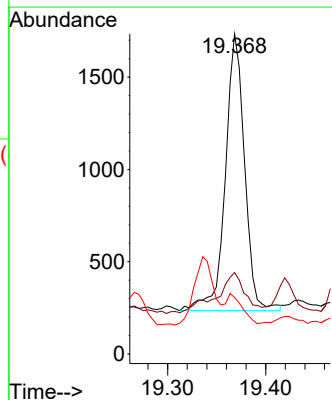
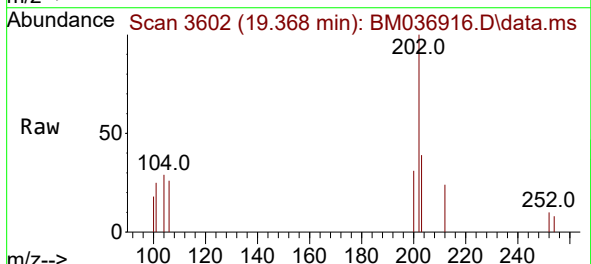
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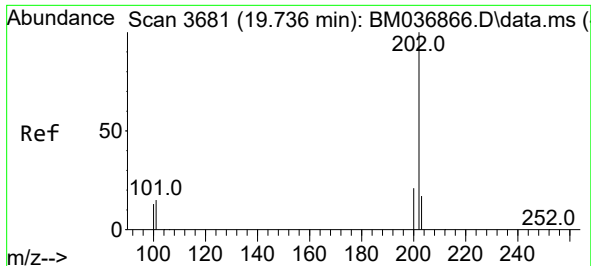
Tgt Ion:178 Resp: 2797  
Ion Ratio Lower Upper  
178 100  
179 29.2 13.0 19.6#  
176 27.4 15.6 23.4#



#19  
Fluoranthene  
Concen: 0.025 ng/ul  
RT: 19.368 min Scan# 3602  
Delta R.T. -0.005 min  
Lab File: BM036916.D  
Acq: 10 Oct 2022 20:13

Tgt Ion:202 Resp: 2057  
Ion Ratio Lower Upper  
202 100  
101 25.4 10.1 15.1#  
100 17.6 7.9 11.9#

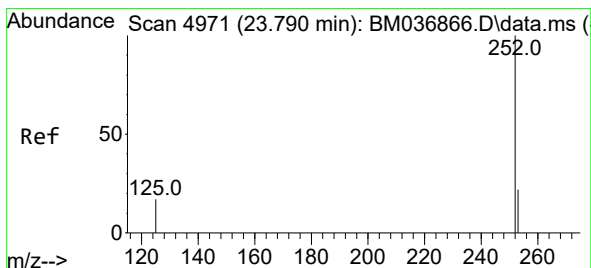
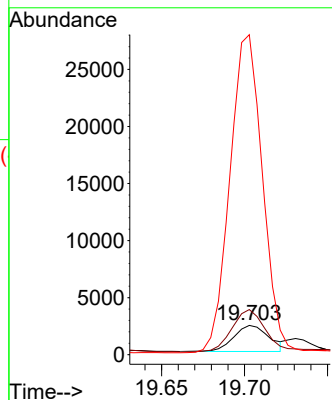
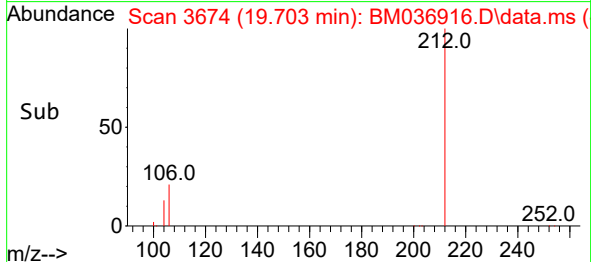
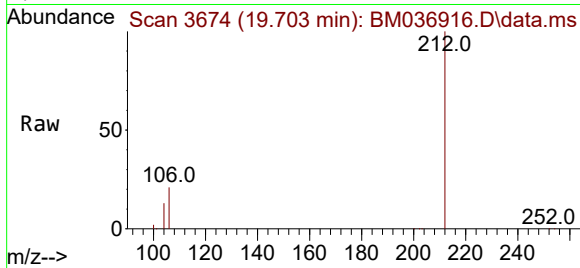




#20  
Pyrene  
Concen: 0.039 ng/ul  
RT: 19.703 min Scan# 3674  
Delta R.T. -0.029 min  
Lab File: BM036916.D  
Acq: 10 Oct 2022 20:13

Instrument :  
BNA\_M  
ClientSampleId :  
CB8T4

Tgt Ion:202 Resp: 3379  
Ion Ratio Lower Upper  
202 100  
101 154.0 12.0 18.0#  
100 1091.8 9.8 14.6#



#26  
Benzo(a)pyrene  
Concen: 0.080 ng/ul  
RT: 23.733 min Scan# 4951  
Delta R.T. -0.049 min  
Lab File: BM036916.D  
Acq: 10 Oct 2022 20:13

Tgt Ion:252 Resp: 5416  
Ion Ratio Lower Upper  
252 100  
253 61.1 29.7 44.5#  
125 68.5 23.6 35.4#

