

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061721\  
 Data File : BM030492.D  
 Acq On : 17 Jun 2021 13:15  
 Operator : CG/JU  
 Sample : M2596-17DL 5X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BG5S5DL

Quant Time: Jun 17 13:55:00 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-BM060621.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jun 17 13:10:35 2021  
 Response via : Initial Calibration

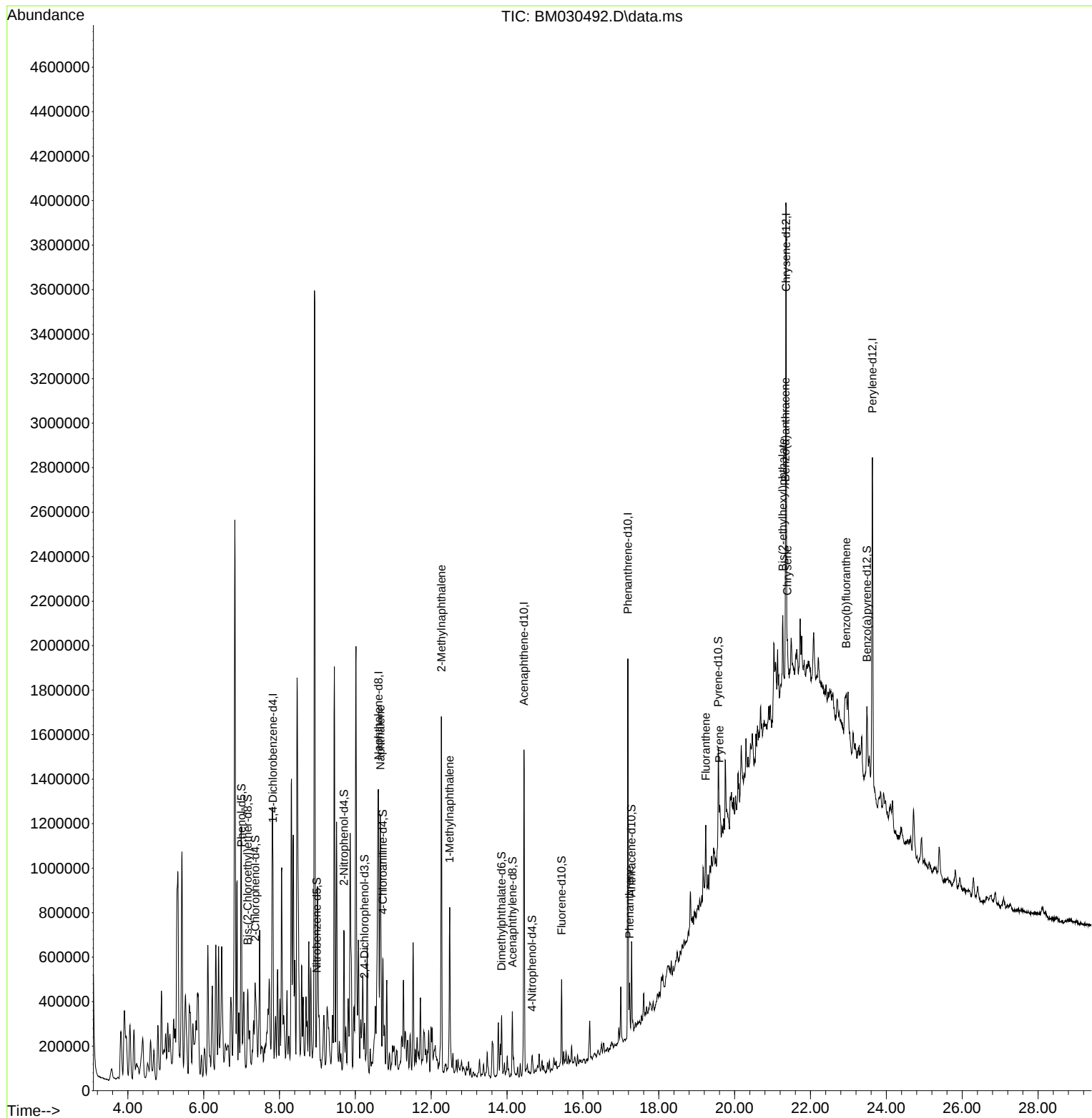
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.828  | 152  | 229194   | 20.00 | ng/ul  | 0.00     |
| 20) Naphthalene-d8            | 10.610 | 136  | 849830   | 20.00 | ng/ul  | 0.00     |
| 38) Acenaphthene-d10          | 14.445 | 164  | 503649   | 20.00 | ng/ul  | 0.00     |
| 64) Phenanthrene-d10          | 17.186 | 188  | 995344   | 20.00 | ng/ul  | 0.00     |
| 79) Chrysene-d12              | 21.356 | 240  | 1011721  | 20.00 | ng/ul  | 0.01     |
| 88) Perylene-d12              | 23.633 | 264  | 1057759  | 20.00 | ng/ul  | 0.02     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8             | 0.000  | 96   | 0d       | 0.00  | ng/uL  |          |
| 4) Pyridine-d5                | 0.000  | 84   | 0d       | 0.00  | ng/ul  |          |
| 7) Phenol-d5                  | 6.998  | 99   | 70261    | 3.53  | ng/ul  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.163  | 67   | 58339    | 4.54  | ng/ul  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.363  | 132  | 56140    | 3.90  | ng/ul  | 0.00     |
| 15) 4-Methylphenol-d8         | 0.000  | 113  | 0d       | 0.00  | ng/ul  |          |
| 21) Nitrobenzene-d5           | 8.981  | 128  | 42173    | 7.25  | ng/ul  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.698  | 143  | 30263    | 5.24  | ng/ul  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.239 | 165  | 53185    | 4.23  | ng/ul  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.722 | 131  | 281997   | 14.66 | ng/ul  | -0.02    |
| 46) Dimethylphthalate-d6      | 13.857 | 166  | 175448   | 5.08  | ng/ul  | 0.00     |
| 49) Acenaphthylene-d8         | 14.139 | 160  | 208023   | 4.82  | ng/ul  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.657 | 143  | 14863    | 2.30  | ng/ul  | 0.01     |
| 60) Fluorene-d10              | 15.439 | 176  | 158840   | 5.13  | ng/ul  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 0.000  | 200  | 0d       | 0.00  | ng/ul  |          |
| 73) Anthracene-d10            | 17.280 | 188  | 237092   | 5.24  | ng/ul  | 0.00     |
| 81) Pyrene-d10                | 19.568 | 212  | 235524   | 4.45  | ng/ul  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.486 | 264  | 213510   | 4.05  | ng/ul  | 0.01     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       | Qvalue |          |
| 30) Naphthalene               | 10.657 | 128  | 365088   | 8.48  | ng/ul# | 92       |
| 36) 2-Methylnaphthalene       | 12.269 | 142  | 741886   | 24.21 | ng/ul  | 100      |
| 37) 1-Methylnaphthalene       | 12.486 | 142  | 334011   | 10.74 | ng/ul  | 100      |
| 72) Phenanthrene              | 17.227 | 178  | 134775   | 2.50  | ng/ul  | 98       |
| 80) Fluoranthene              | 19.239 | 202  | 167675   | 2.58  | ng/ul  | 97       |
| 82) Pyrene                    | 19.598 | 202  | 116677   | 1.70  | ng/ul  | 98       |
| 85) Benzo(a)anthracene        | 21.339 | 228  | 90051    | 1.47  | ng/ul# | 93       |
| 86) Bis(2-ethylhexyl)phtha... | 21.268 | 149  | 85265    | 2.60  | ng/ul# | 94       |
| 87) Chrysene                  | 21.392 | 228  | 85350    | 1.42  | ng/ul# | 94       |
| 90) Benzo(b)fluoranthene      | 22.945 | 252  | 134076   | 1.97  | ng/ul# | 75       |

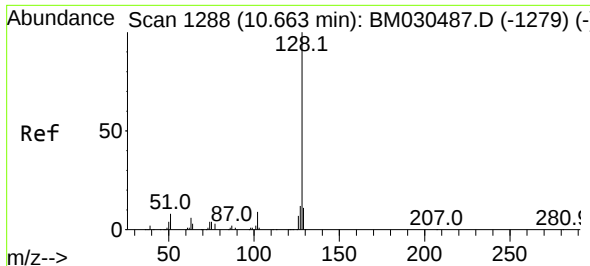
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
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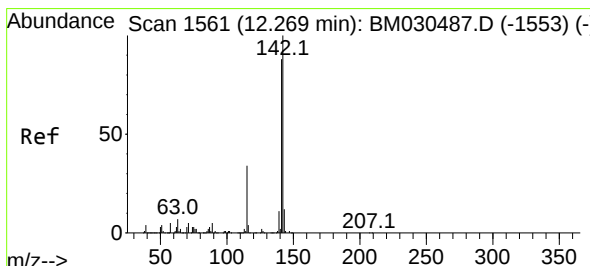
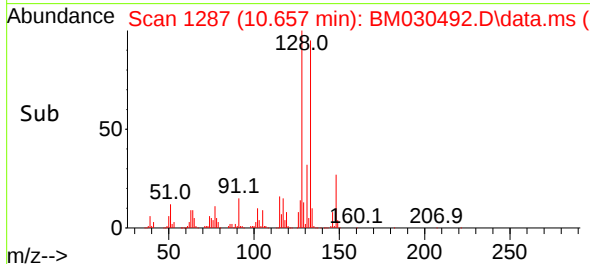
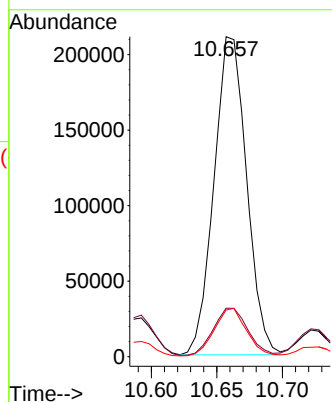
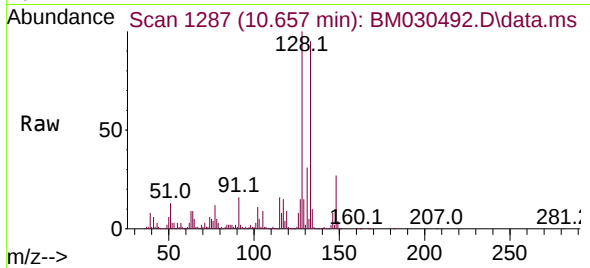




#30  
Naphthalene  
Concen: 8.48 ng/ul  
RT: 10.657 min Scan# 1287  
Delta R.T. -0.006 min  
Lab File: BM030492.D  
Acq: 17 Jun 2021 13:15

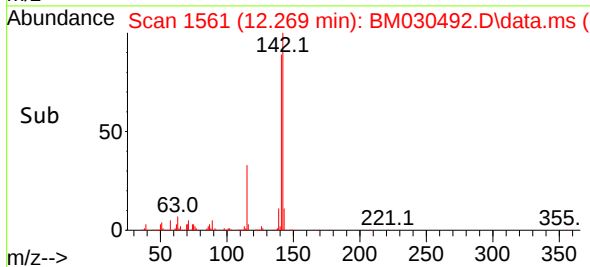
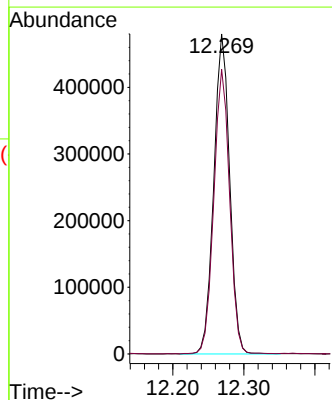
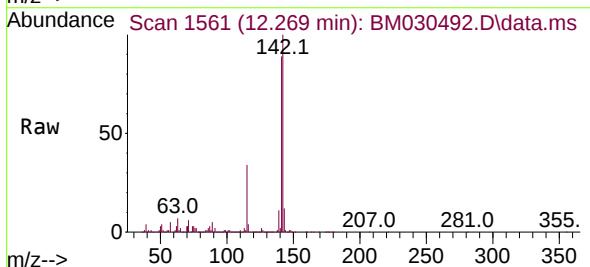
Instrument :  
BNA\_M  
ClientSampled :  
BG5S5DL

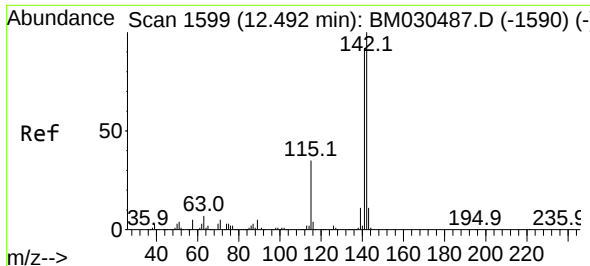
Tgt Ion:128 Resp: 365088  
Ion Ratio Lower Upper  
128 100  
129 15.1 8.6 13.0#  
127 14.6 10.2 15.2



#36  
2-Methylnaphthalene  
Concen: 24.21 ng/ul  
RT: 12.269 min Scan# 1561  
Delta R.T. 0.000 min  
Lab File: BM030492.D  
Acq: 17 Jun 2021 13:15

Tgt Ion:142 Resp: 741886  
Ion Ratio Lower Upper  
142 100  
141 88.9 70.8 106.2

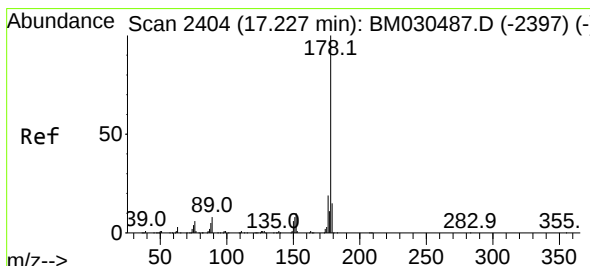
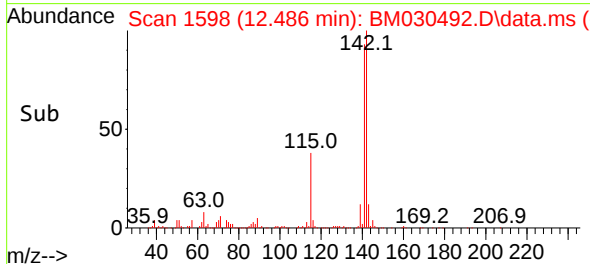
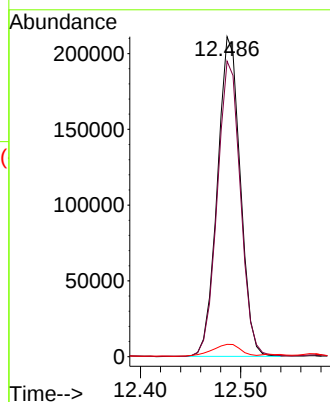
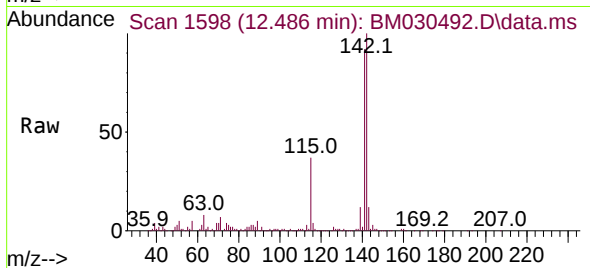




#37  
1-Methylnaphthalene  
Concen: 10.74 ng/ul  
RT: 12.486 min Scan# 1598  
Delta R.T. -0.006 min  
Lab File: BM030492.D  
Acq: 17 Jun 2021 13:15

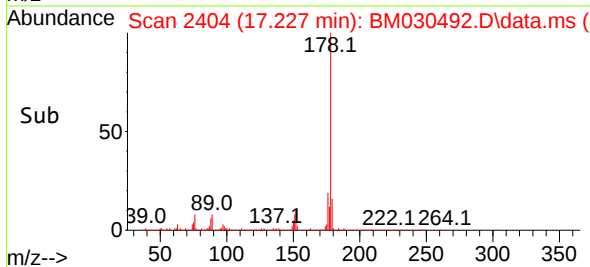
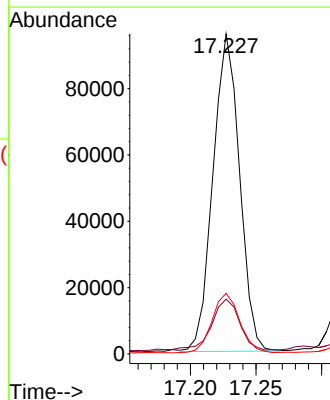
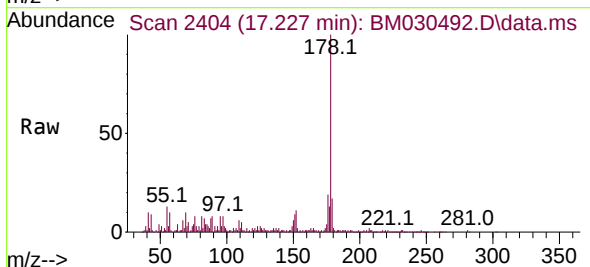
Instrument :  
BNA\_M  
ClientSampleId :  
BG5S5DL

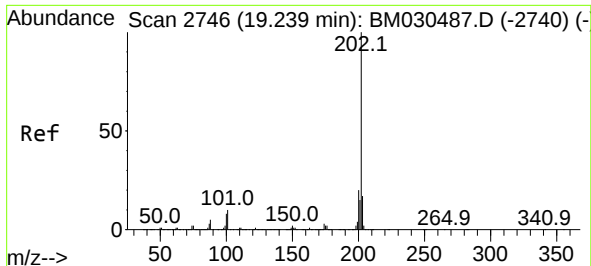
Tgt Ion:142 Resp: 334011  
Ion Ratio Lower Upper  
142 100  
141 92.3 74.2 111.2  
116 3.9 3.3 4.9



#72  
Phenanthrene  
Concen: 2.50 ng/ul  
RT: 17.227 min Scan# 2404  
Delta R.T. 0.000 min  
Lab File: BM030492.D  
Acq: 17 Jun 2021 13:15

Tgt Ion:178 Resp: 134775  
Ion Ratio Lower Upper  
178 100  
179 17.2 12.2 18.2  
176 18.9 15.0 22.6

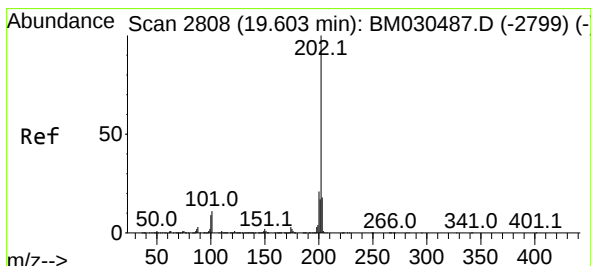
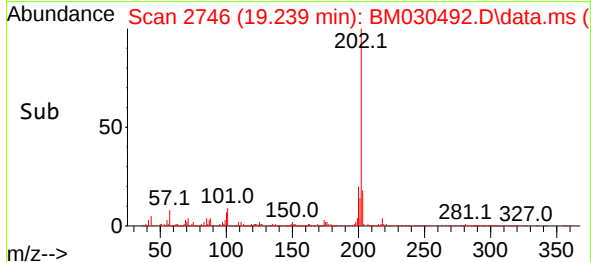
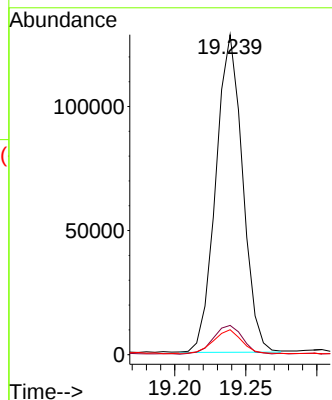
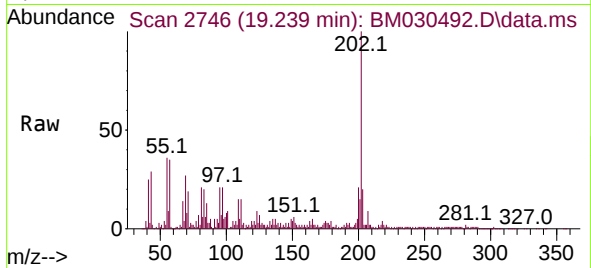




#80  
Fluoranthene  
Concen: 2.58 ng/ul  
RT: 19.239 min Scan# 2746  
Delta R.T. 0.006 min  
Lab File: BM030492.D  
Acq: 17 Jun 2021 13:15

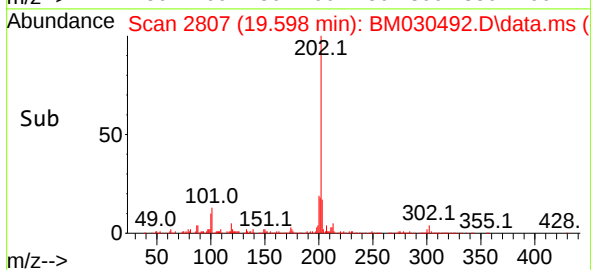
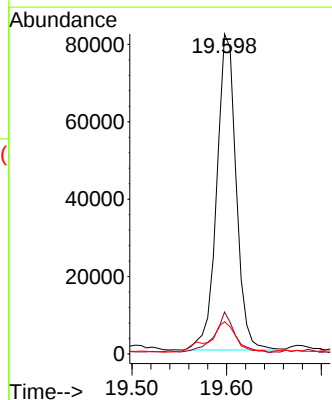
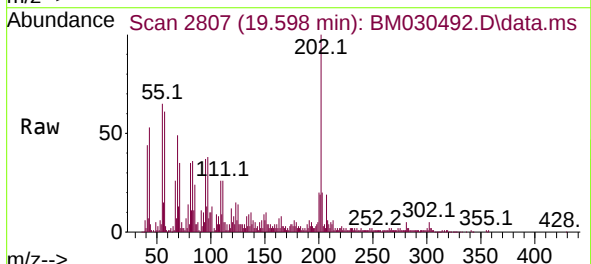
Instrument :  
BNA\_M  
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BG5S5DL

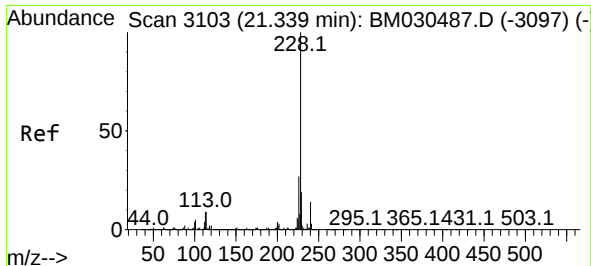
Tgt Ion:202 Resp: 167675  
Ion Ratio Lower Upper  
202 100  
101 9.2 8.7 13.1  
100 7.8 6.6 10.0



#82  
Pyrene  
Concen: 1.70 ng/ul  
RT: 19.598 min Scan# 2807  
Delta R.T. 0.000 min  
Lab File: BM030492.D  
Acq: 17 Jun 2021 13:15

Tgt Ion:202 Resp: 116677  
Ion Ratio Lower Upper  
202 100  
101 13.1 10.8 16.2  
100 10.1 9.1 13.7

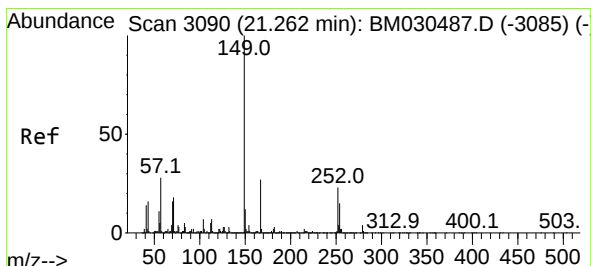
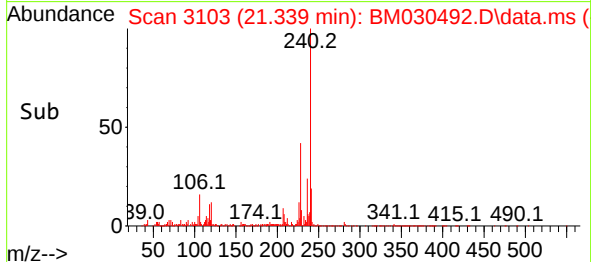
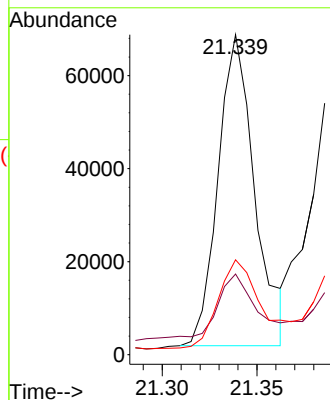
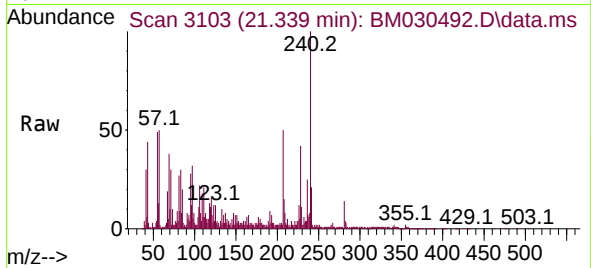




#85  
Benzo(a)anthracene  
Concen: 1.47 ng/ul  
RT: 21.339 min Scan# 3103  
Delta R.T. 0.006 min  
Lab File: BM030492.D  
Acq: 17 Jun 2021 13:15

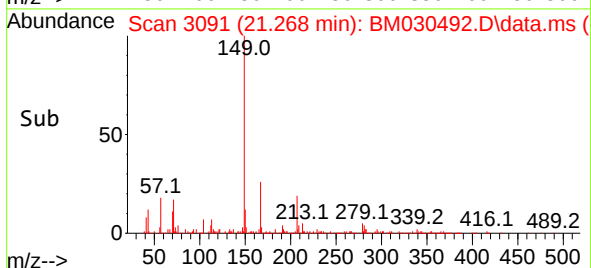
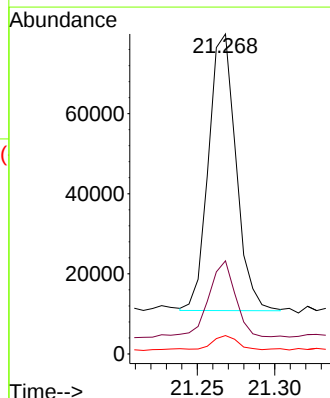
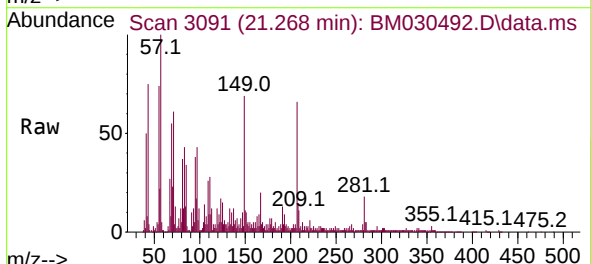
Instrument :  
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ClientSampleId :  
BG5S5DL

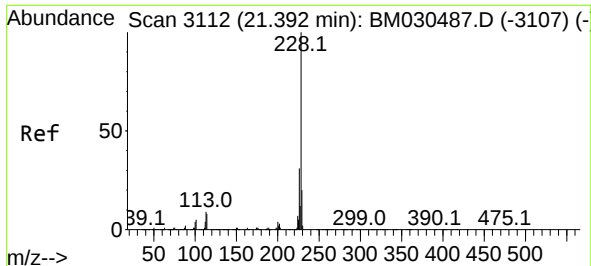
Tgt Ion:228 Resp: 90051  
Ion Ratio Lower Upper  
228 100  
229 25.2 15.6 23.4#  
226 29.6 22.2 33.2



#86  
Bis(2-ethylhexyl)phthalate  
Concen: 2.60 ng/ul  
RT: 21.268 min Scan# 3091  
Delta R.T. 0.006 min  
Lab File: BM030492.D  
Acq: 17 Jun 2021 13:15

Tgt Ion:149 Resp: 85265  
Ion Ratio Lower Upper  
149 100  
167 29.1 20.9 31.3  
279 5.8 3.0 4.6#

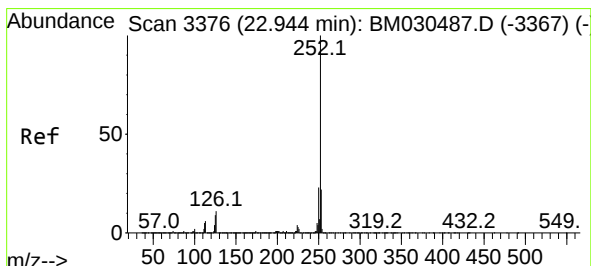
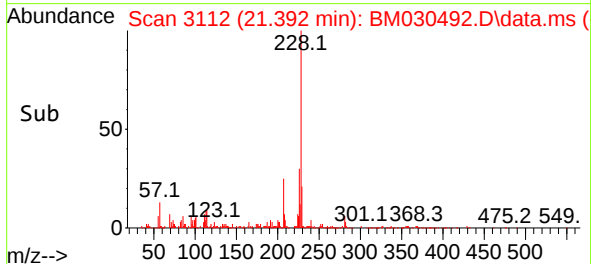
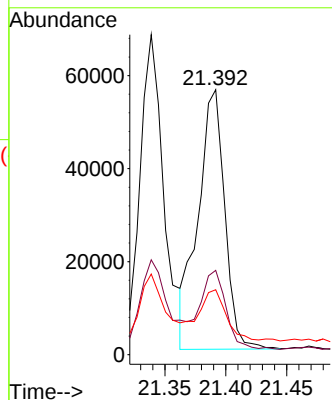
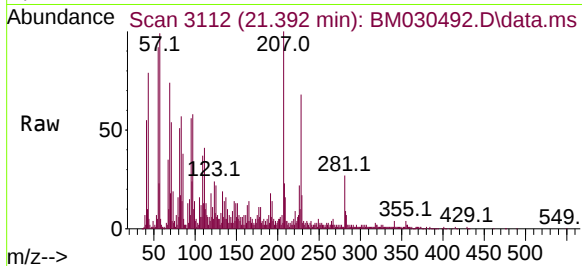




#87  
Chrysene  
Concen: 1.42 ng/ul  
RT: 21.392 min Scan# 3112  
Delta R.T. 0.006 min  
Lab File: BM030492.D  
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Instrument :  
BNA\_M  
ClientSampleId :  
BG5S5DL

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:228 | Resp: | 85350      |
| Ion Ratio   | Lower | Upper      |
| 228         | 100   |            |
| 226         | 31.8  | 24.2 36.2  |
| 229         | 24.5  | 15.8 23.6# |



#90  
Benzo(b)fluoranthene  
Concen: 1.97 ng/ul  
RT: 22.945 min Scan# 3376  
Delta R.T. 0.012 min  
Lab File: BM030492.D  
Acq: 17 Jun 2021 13:15

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:252 | Resp: | 134076     |
| Ion Ratio   | Lower | Upper      |
| 252         | 100   |            |
| 253         | 29.9  | 18.0 27.0# |
| 125         | 27.6  | 8.6 13.0#  |

