

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM072321\  
 Data File : BM031144.D  
 Acq On : 25 Jul 2021 06:43  
 Operator : CG/JU  
 Sample : M2973-14  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 BGE19

Quant Time: Jul 26 04:39:19 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM072221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 23 18:04:27 2021  
 Response via : Initial Calibration

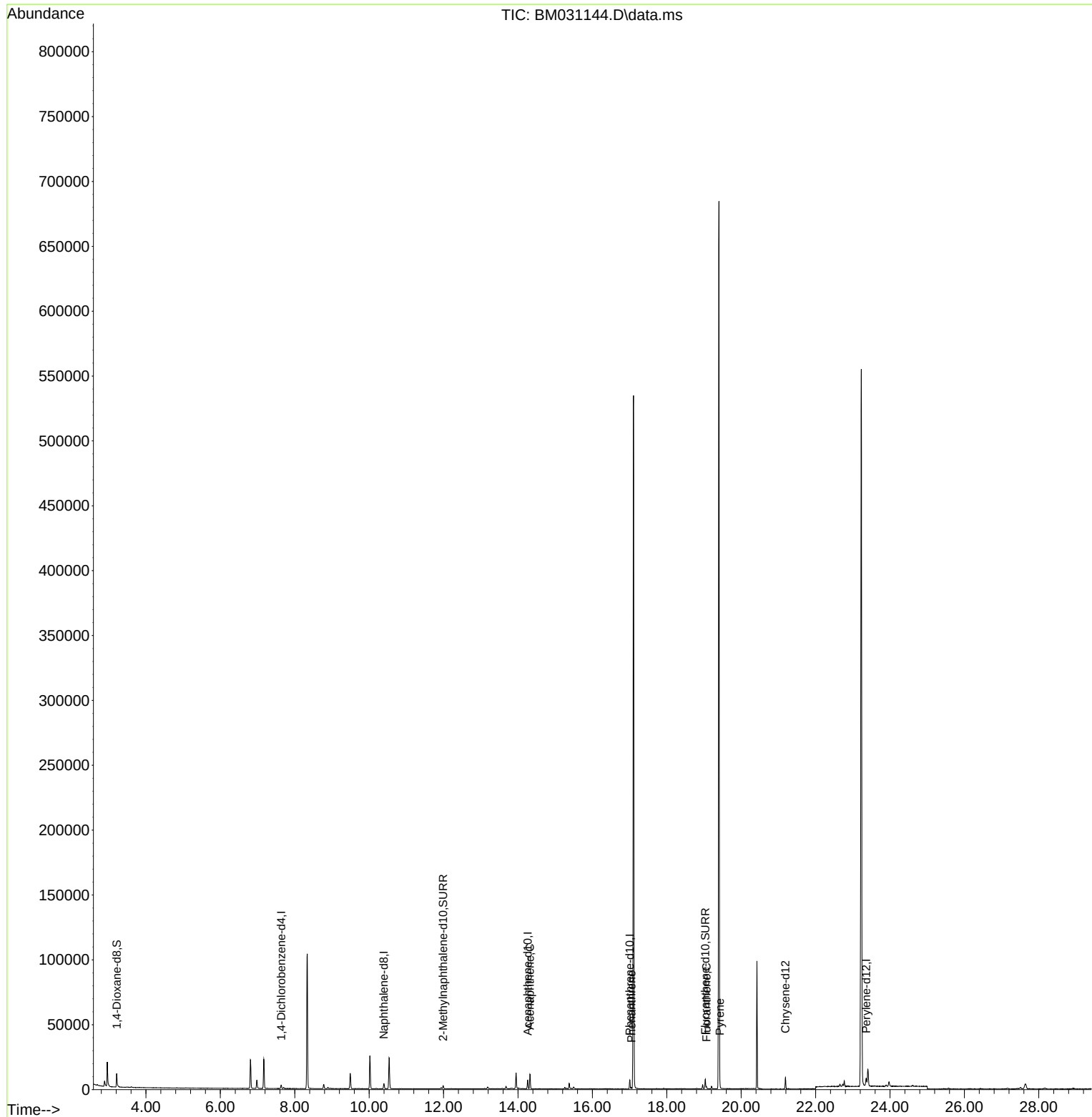
| Compound                    | R.T.   | QIon | Response | Conc | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|------|--------|----------|
| -----                       |        |      |          |      |        |          |
| Internal Standards          |        |      |          |      |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.635  | 152  | 1330     | 0.40 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.396 | 136  | 5316     | 0.40 | ng/ul  | -0.01    |
| 9) Acenaphthene-d10         | 14.261 | 164  | 3716     | 0.40 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.005 | 188  | 7953     | 0.40 | ng/ul  | # 0.00   |
| 17) Chrysene-d12            | 21.189 | 240  | 7617     | 0.40 | ng/ul  | # 0.00   |
| 23) Perylene-d12            | 23.361 | 264  | 8075     | 0.40 | ng/ul  | -0.01    |
| System Monitoring Compounds |        |      |          |      |        |          |
| 3) 1,4-Dioxane-d8           | 3.213  | 96   | 7210     | 5.16 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 11.988 | 152  | 3066     | 0.33 | ng/ul  | -0.01    |
| 18) Fluoranthene-d10        | 19.035 | 212  | 8127     | 0.35 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |      |        |          |
|                             |        |      |          |      | Qvalue |          |
| 11) Acenaphthene            | 14.322 | 153  | 6324     | 0.47 | ng/ul  | 99       |
| 15) Phenanthrene            | 17.047 | 178  | 1230     | 0.05 | ng/ul# | 86       |
| 19) Fluoranthene            | 19.065 | 202  | 1540     | 0.05 | ng/ul# | 77       |
| 20) Pyrene                  | 19.427 | 202  | 1131     | 0.04 | ng/ul# | 71       |
| -----                       |        |      |          |      |        |          |

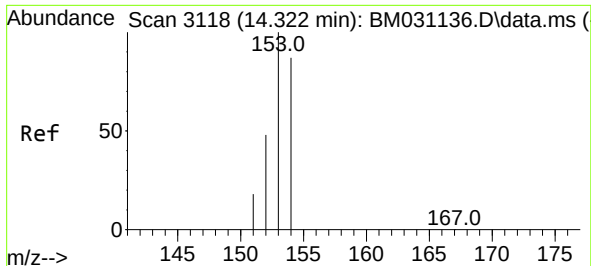
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 26 04:39:19 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM072221.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 23 18:04:27 2021  
Response via : Initial Calibration

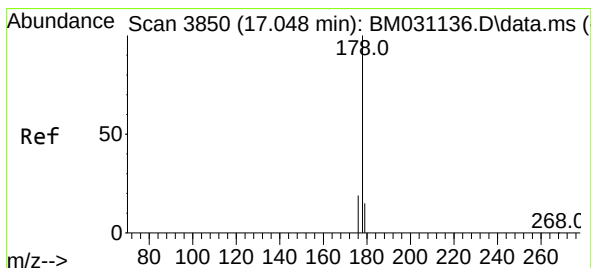
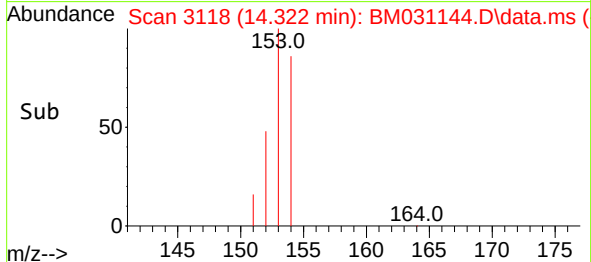
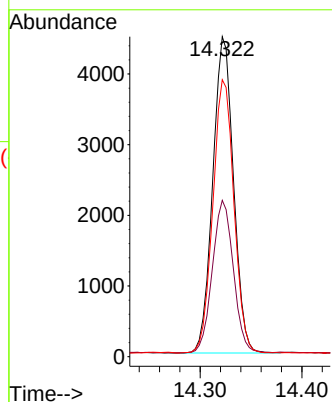
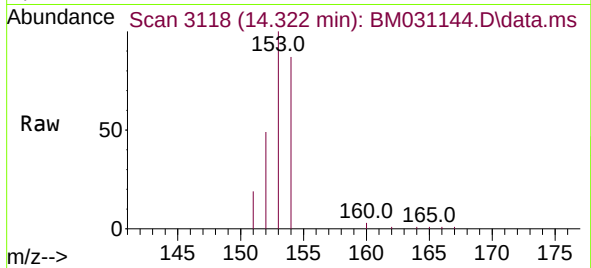




#11  
Acenaphthene  
Concen: 0.47 ng/ul  
RT: 14.322 min Scan# 3118  
Delta R.T. -0.008 min  
Lab File: BM031144.D  
Acq: 25 Jul 2021 06:43

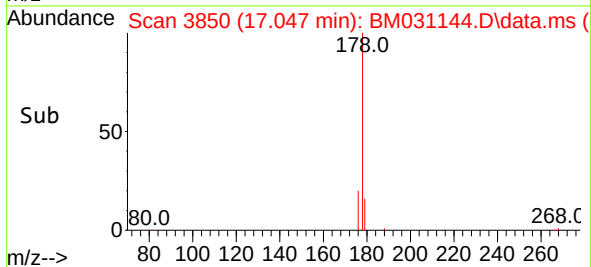
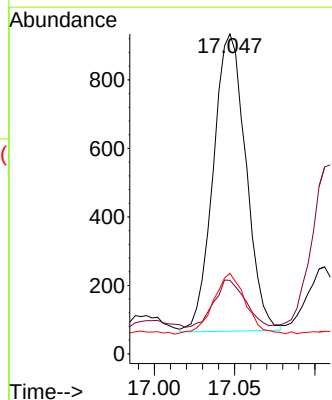
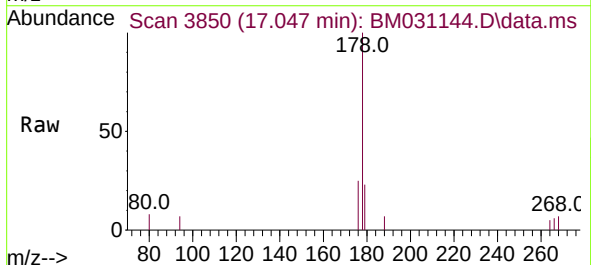
Instrument :  
BNA\_M  
ClientSampled :  
BGE19

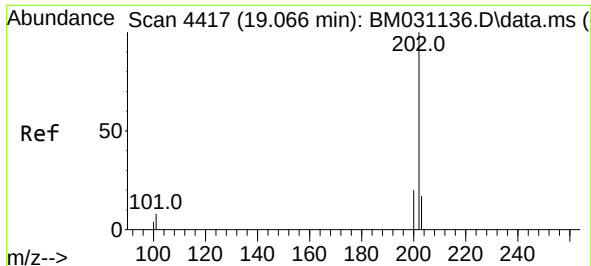
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 153   | Resp: | 6324  |
| Ion      | Ratio | Lower | Upper |
| 153      | 100   |       |       |
| 152      | 48.9  | 39.4  | 59.2  |
| 154      | 86.5  | 68.2  | 102.4 |



#15  
Phenanthrene  
Concen: 0.05 ng/ul  
RT: 17.047 min Scan# 3850  
Delta R.T. -0.007 min  
Lab File: BM031144.D  
Acq: 25 Jul 2021 06:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 1230  |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 179      | 23.0  | 13.3  | 19.9# |
| 176      | 25.2  | 15.4  | 23.2# |

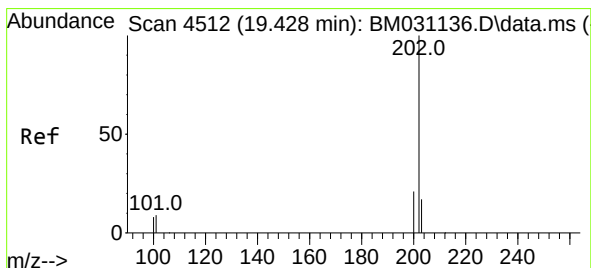
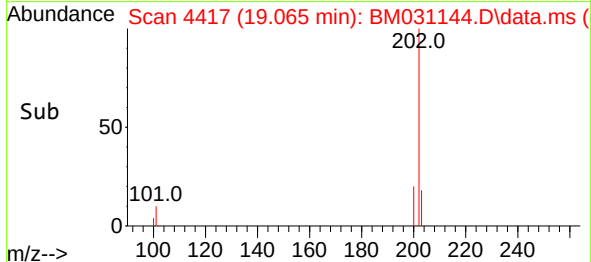
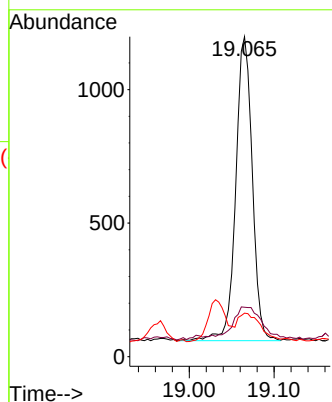
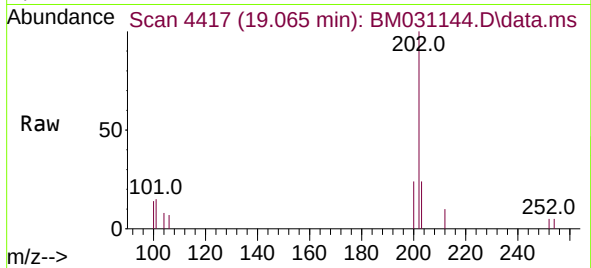




#19  
Fluoranthene  
Concen: 0.05 ng/ul  
RT: 19.065 min Scan# 4417  
Delta R.T. -0.004 min  
Lab File: BM031144.D  
Acq: 25 Jul 2021 06:43

Instrument :  
BNA\_M  
ClientSampled :  
BGE19

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:202 | Resp: | 1540     |
| Ion Ratio   | Lower | Upper    |
| 202         | 100   |          |
| 101         | 15.4  | 6.0 9.0# |
| 100         | 13.6  | 4.8 7.2# |



#20  
Pyrene  
Concen: 0.04 ng/ul  
RT: 19.427 min Scan# 4512  
Delta R.T. -0.008 min  
Lab File: BM031144.D  
Acq: 25 Jul 2021 06:43

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:202 | Resp: | 1131      |
| Ion Ratio   | Lower | Upper     |
| 202         | 100   |           |
| 101         | 16.6  | 7.4 11.0# |
| 100         | 21.4  | 6.0 9.0#  |

