

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM012622\  
 Data File : BM033882.D  
 Acq On : 26 Jan 2022 22:44  
 Operator : CG/JU  
 Sample : N1230-18  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0Q18

Quant Time: Jan 27 01:43:35 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM012422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 24 15:20:03 2022  
 Response via : Initial Calibration

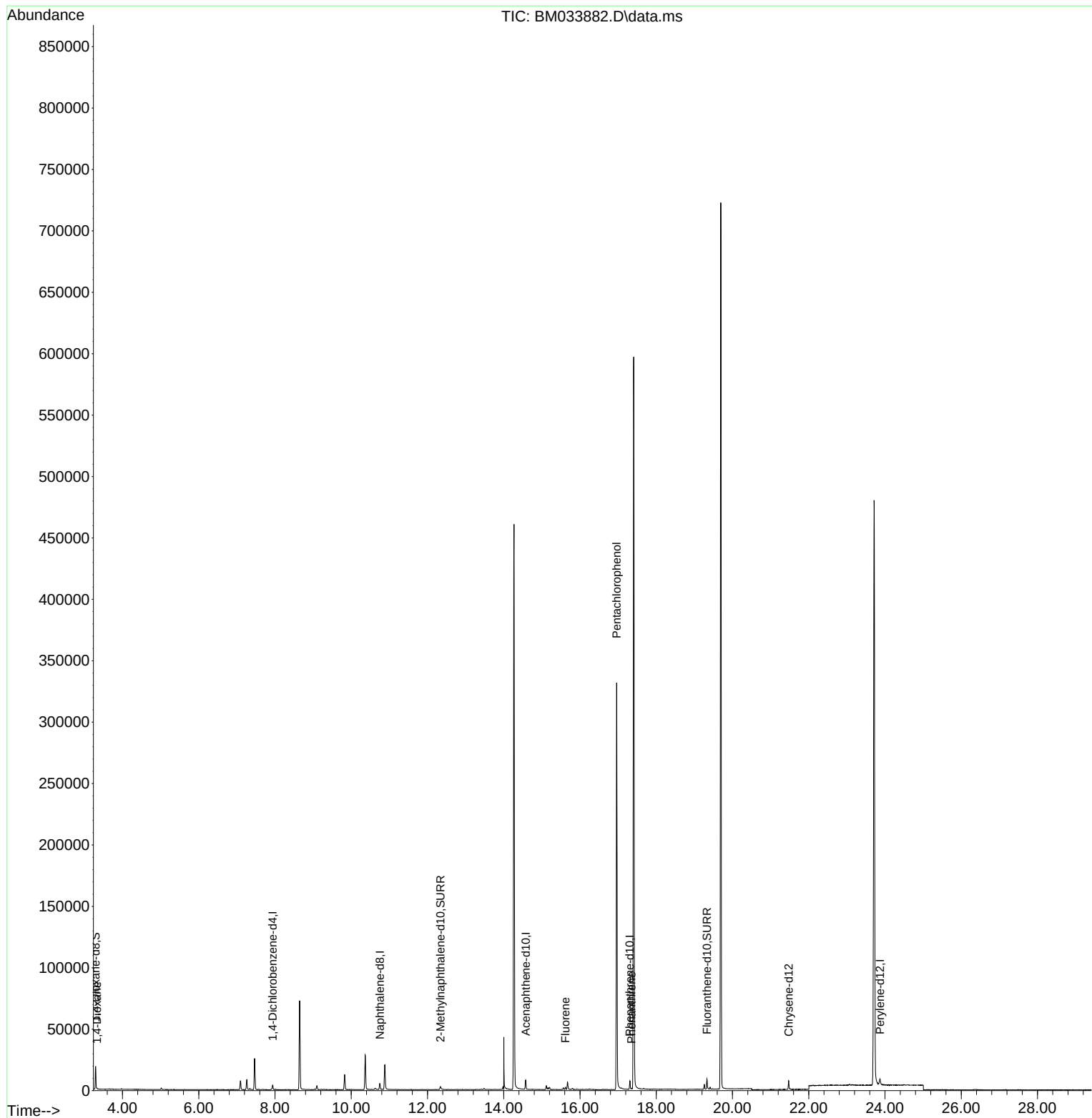
| Compound                    | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|--------|---------|----------|
| -----                       |        |      |          |        |         |          |
| Internal Standards          |        |      |          |        |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.939  | 152  | 1832     | 0.400  | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.751 | 136  | 6576     | 0.400  | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.576 | 164  | 3948     | 0.400  | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 17.309 | 188  | 7850     | 0.400  | ng/ul   | -0.01    |
| 17) Chrysene-d12            | 21.475 | 240  | 6509     | 0.400  | ng/ul # | 0.00     |
| 23) Perylene-d12            | 23.868 | 264  | 7121     | 0.400  | ng/ul   | -0.02    |
|                             |        |      |          |        |         |          |
| System Monitoring Compounds |        |      |          |        |         |          |
| 3) 1,4-Dioxane-d8           | 3.296  | 96   | 10659    | 5.566  | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.339 | 152  | 3443     | 0.380  | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 19.330 | 212  | 8315     | 0.415  | ng/ul   | 0.00     |
|                             |        |      |          |        |         |          |
| Target Compounds            |        |      |          |        |         | Qvalue   |
| 2) 1,4-Dioxane              | 3.334  | 88   | 258      | 0.129  | ng/ul#  | 71       |
| 12) Fluorene                | 15.618 | 166  | 1292     | 0.080  | ng/ul   | 94       |
| 14) Pentachlorophenol       | 16.962 | 266  | 200783   | 55.667 | ng/ul   | 97       |
| 15) Phenanthrene            | 17.351 | 178  | 946      | 0.038  | ng/ul#  | 79       |
| -----                       |        |      |          |        |         |          |

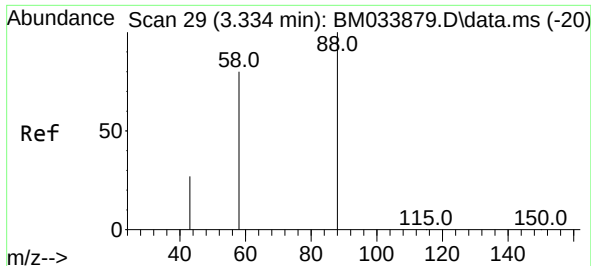
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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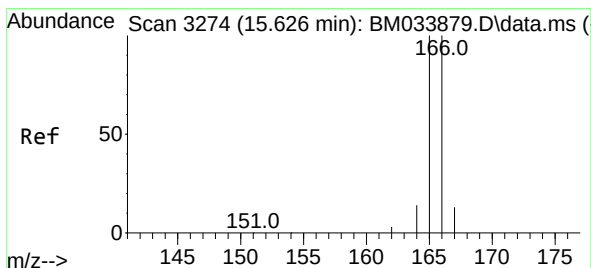
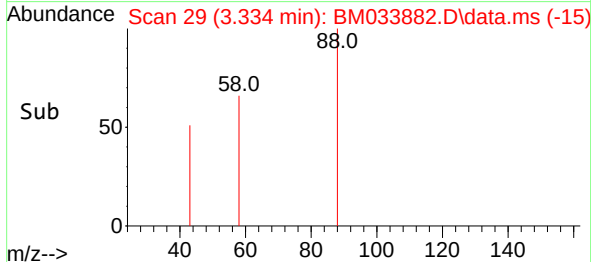
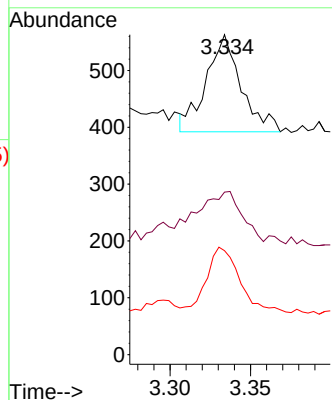
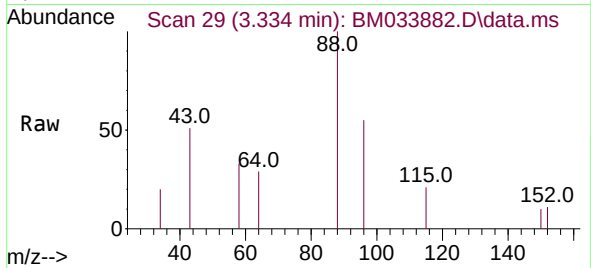




#2  
1,4-Dioxane  
Concen: 0.129 ng/ul  
RT: 3.334 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: BM033882.D  
Acq: 26 Jan 2022 22:44

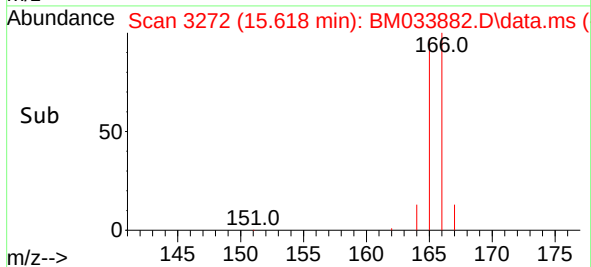
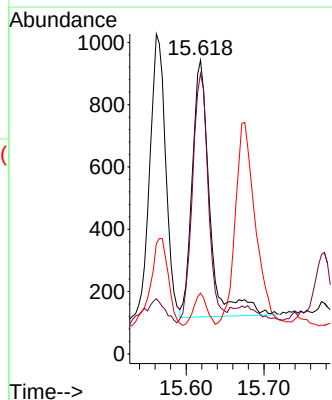
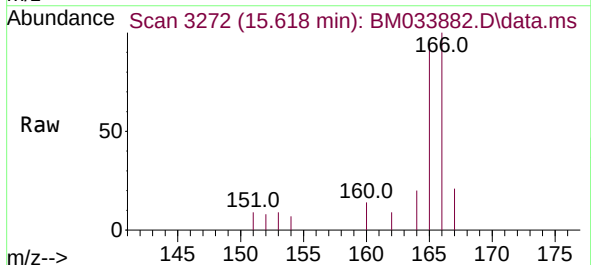
Instrument :  
BNA\_M  
ClientSampleId :  
C0Q18

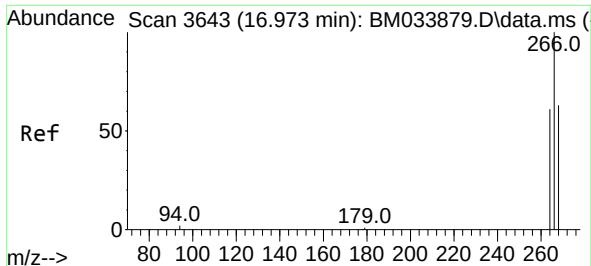
Tgt Ion: 88 Resp: 258  
Ion Ratio Lower Upper  
88 100  
43 50.8 49.7 74.5  
58 32.5 52.5 78.7#



#12  
Fluorene  
Concen: 0.080 ng/ul  
RT: 15.618 min Scan# 3272  
Delta R.T. -0.008 min  
Lab File: BM033882.D  
Acq: 26 Jan 2022 22:44

Tgt Ion: 166 Resp: 1292  
Ion Ratio Lower Upper  
166 100  
165 95.4 81.1 121.7  
167 20.7 14.9 22.3

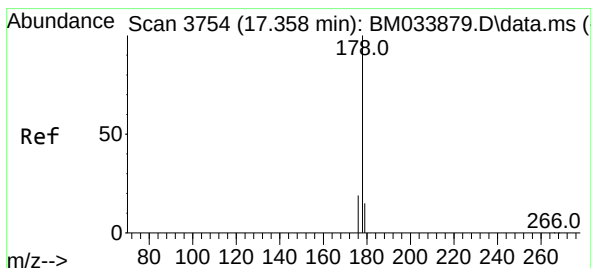
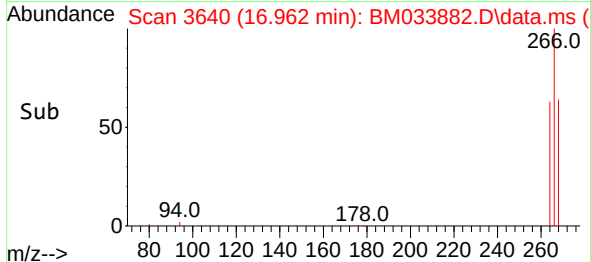
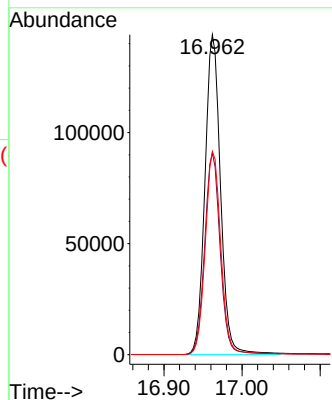
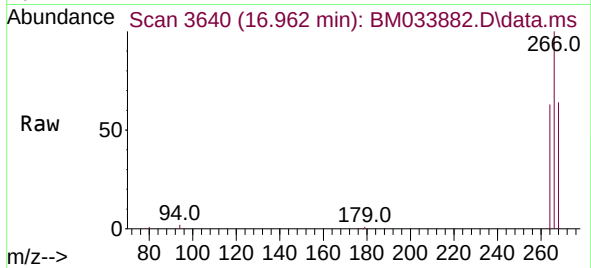




#14  
 Pentachlorophenol  
 Concen: 55.667 ng/ul  
 RT: 16.962 min Scan# 30  
 Delta R.T. -0.011 min  
 Lab File: BM033882.D  
 Acq: 26 Jan 2022 22:44

Instrument :  
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 ClientSampleId :  
 C0Q18

Tgt Ion:266 Resp: 200783  
 Ion Ratio Lower Upper  
 266 100  
 264 62.9 51.4 77.0  
 268 63.7 53.1 79.7



#15  
 Phenanthrene  
 Concen: 0.038 ng/ul  
 RT: 17.351 min Scan# 3752  
 Delta R.T. -0.007 min  
 Lab File: BM033882.D  
 Acq: 26 Jan 2022 22:44

Tgt Ion:178 Resp: 946  
 Ion Ratio Lower Upper  
 178 100  
 179 29.7 15.0 22.6#  
 176 31.5 17.9 26.9#

