

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052022\  
 Data File : BN019869.D  
 Acq On : 20 May 2022 15:16  
 Operator : CG/JU  
 Sample : N2918-05DL 5X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DBTE3DL

Quant Time: May 26 04:18:31 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN042922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 17 01:41:05 2022  
 Response via : Initial Calibration

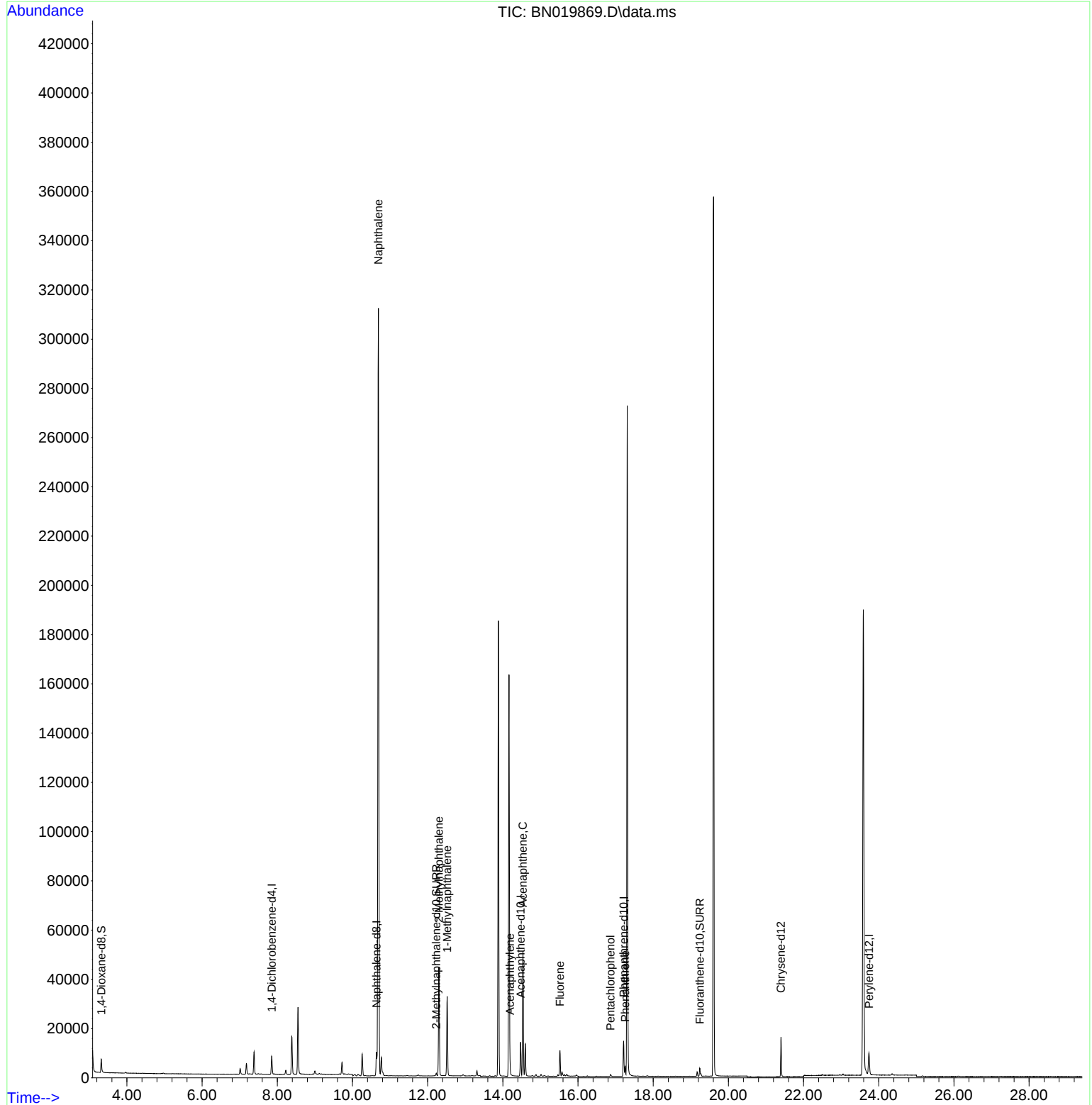
| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.851  | 152  | 3848     | 0.400  | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.639 | 136  | 12937    | 0.400  | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.474 | 164  | 7936     | 0.400  | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.213 | 188  | 17218    | 0.400  | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.400 | 240  | 15024    | 0.400  | ng/ul  | 0.00     |
| 23) Perylene-d12            | 23.741 | 264  | 12692    | 0.400  | ng/ul  | # 0.00   |
| System Monitoring Compounds |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8           | 3.319  | 96   | 3819     | 0.839  | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.229 | 152  | 1406     | 0.072  | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.239 | 212  | 3768     | 0.079  | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 5) Naphthalene              | 10.689 | 128  | 434438   | 10.372 | ng/ul  | 98       |
| 7) 2-Methylnaphthalene      | 12.300 | 142  | 31171    | 1.222  | ng/ul# | 100      |
| 8) 1-Methylnaphthalene      | 12.520 | 142  | 22387    | 0.947  | ng/ul# | 100      |
| 10) Acenaphthylene          | 14.192 | 152  | 2346     | 0.060  | ng/ul# | 93       |
| 11) Acenaphthene            | 14.534 | 153  | 28847    | 0.914  | ng/ul  | 99       |
| 12) Fluorene                | 15.520 | 166  | 6775     | 0.196  | ng/ul  | 99       |
| 14) Pentachlorophenol       | 16.867 | 266  | 607      | 0.164  | ng/ul  | 93       |
| 15) Phenanthrene            | 17.255 | 178  | 4809     | 0.076  | ng/ul  | 98       |
| -----                       |        |      |          |        |        |          |

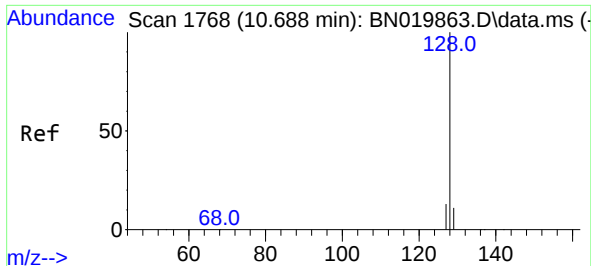
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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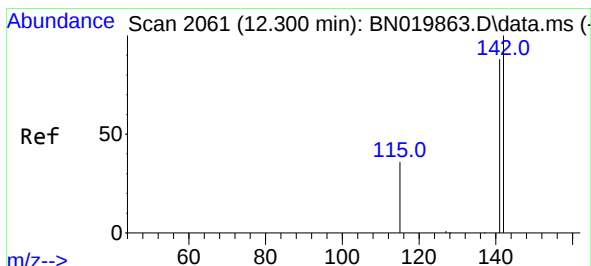
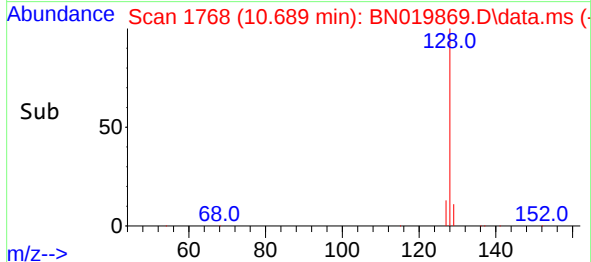
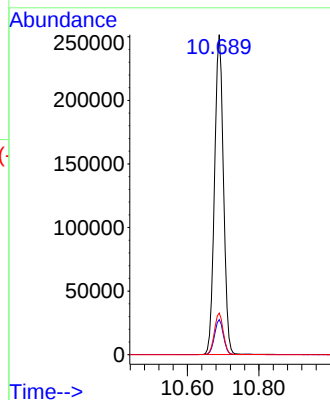
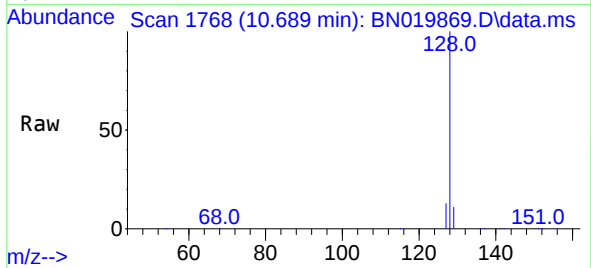




#5  
Naphthalene  
Concen: 10.372 ng/ul  
RT: 10.689 min Scan# 1768  
Delta R.T. -0.005 min  
Lab File: BN019869.D  
Acq: 20 May 2022 15:16

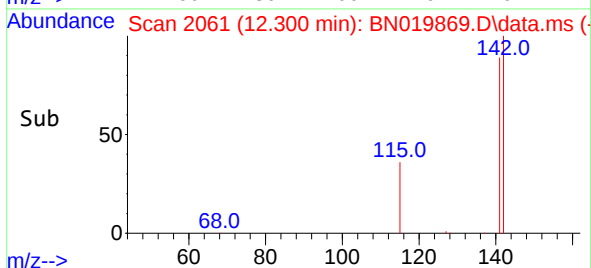
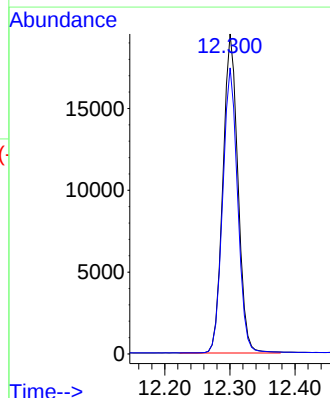
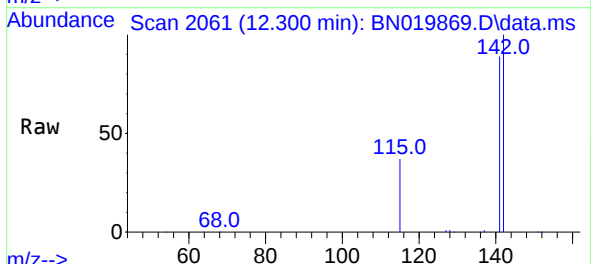
Instrument :  
BNA\_N  
ClientSampleId :  
DBTE3DL

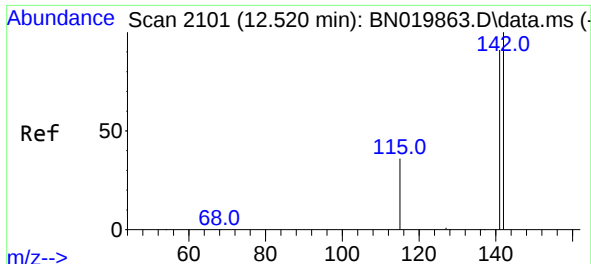
Tgt Ion:128 Resp: 434438  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.5 14.3  
127 13.0 11.0 16.4



#7  
2-Methylnaphthalene  
Concen: 1.222 ng/ul  
RT: 12.300 min Scan# 2061  
Delta R.T. -0.005 min  
Lab File: BN019869.D  
Acq: 20 May 2022 15:16

Tgt Ion:142 Resp: 31171  
Ion Ratio Lower Upper  
142 100  
141 89.0 0.0 0.0#

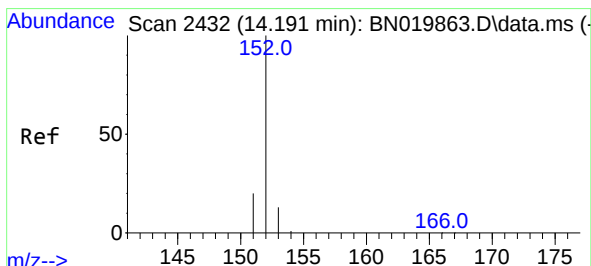
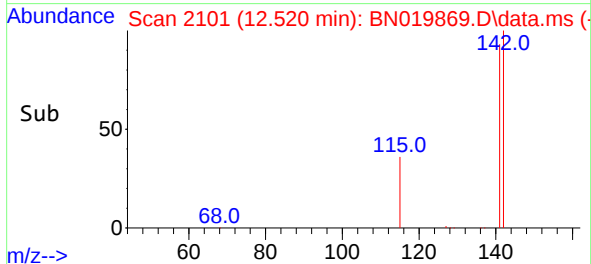
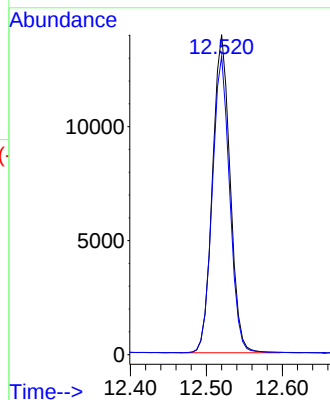
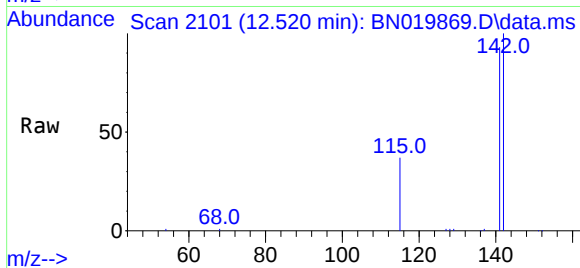




#8  
1-Methylnaphthalene  
Concen: 0.947 ng/ul  
RT: 12.520 min Scan# 2101  
Delta R.T. -0.005 min  
Lab File: BN019869.D  
Acq: 20 May 2022 15:16

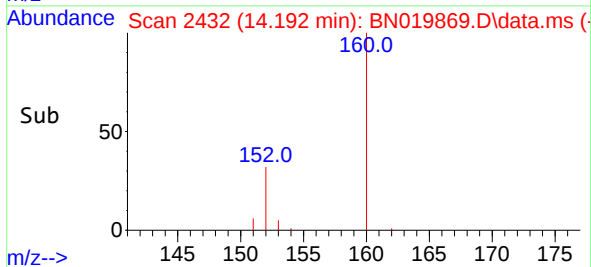
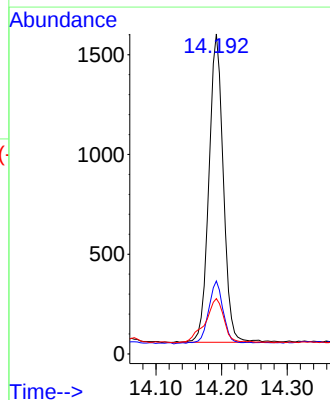
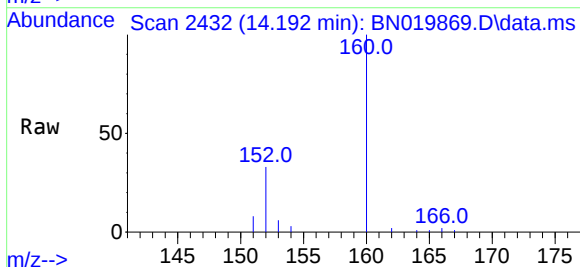
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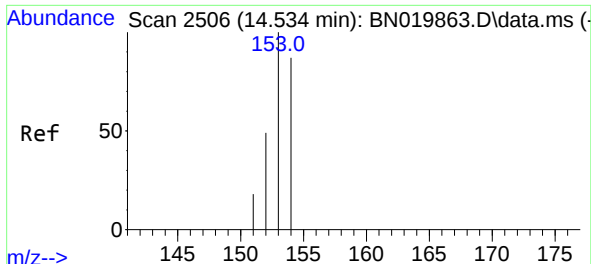
Tgt Ion:142 Resp: 22387  
Ion Ratio Lower Upper  
142 100  
141 91.9 0.0 0.0#



#10  
Acenaphthylene  
Concen: 0.060 ng/ul  
RT: 14.192 min Scan# 2432  
Delta R.T. -0.004 min  
Lab File: BN019869.D  
Acq: 20 May 2022 15:16

Tgt Ion:152 Resp: 2346  
Ion Ratio Lower Upper  
152 100  
151 22.8 16.3 24.5  
153 17.3 11.1 16.7#

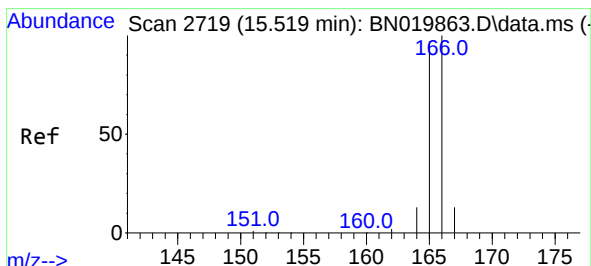
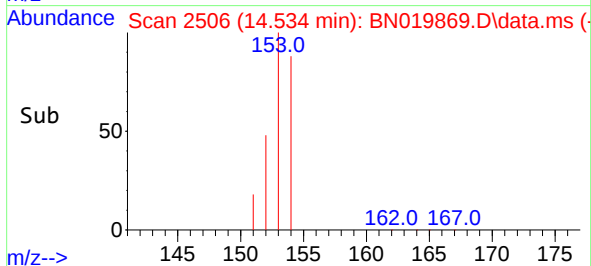
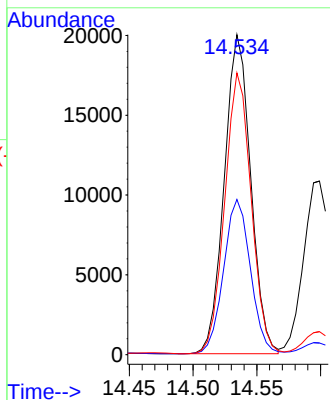
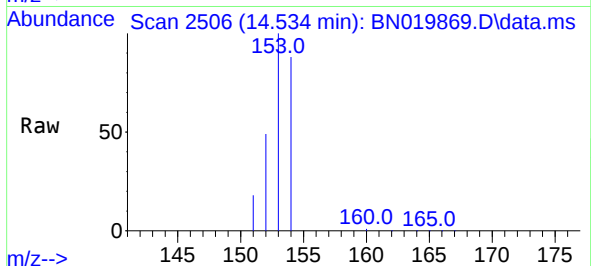




#11  
Acenaphthene  
Concen: 0.914 ng/ul  
RT: 14.534 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BN019869.D  
Acq: 20 May 2022 15:16

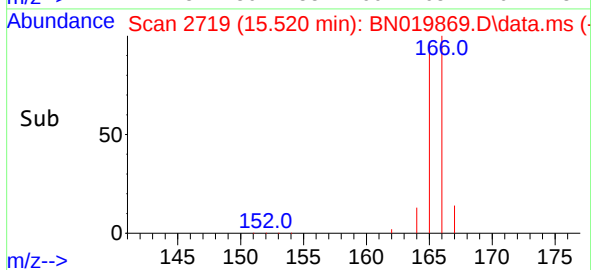
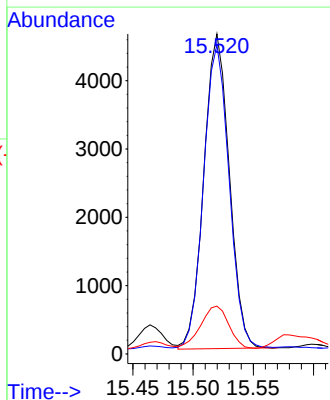
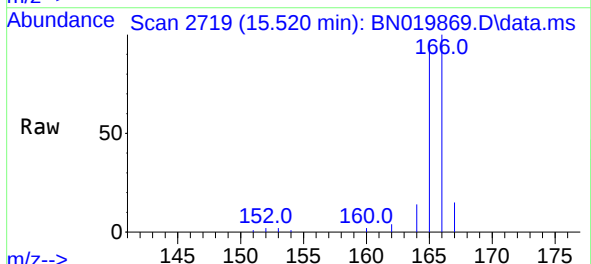
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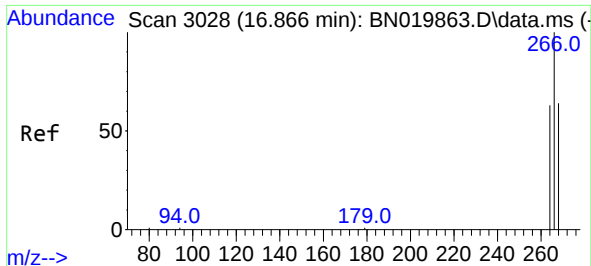
Tgt Ion:153 Resp: 28847  
Ion Ratio Lower Upper  
153 100  
152 48.5 38.6 57.8  
154 88.1 71.2 106.8



#12  
Fluorene  
Concen: 0.196 ng/ul  
RT: 15.520 min Scan# 2719  
Delta R.T. -0.005 min  
Lab File: BN019869.D  
Acq: 20 May 2022 15:16

Tgt Ion:166 Resp: 6775  
Ion Ratio Lower Upper  
166 100  
165 96.7 78.2 117.2  
167 14.9 11.3 16.9

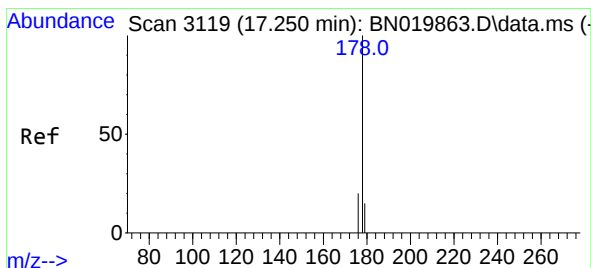
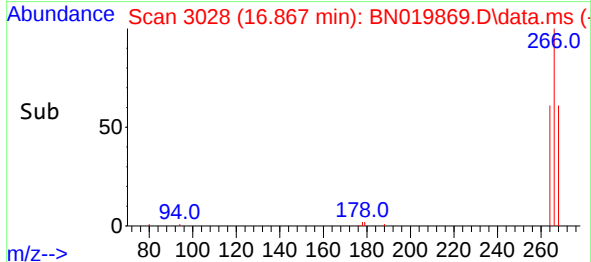
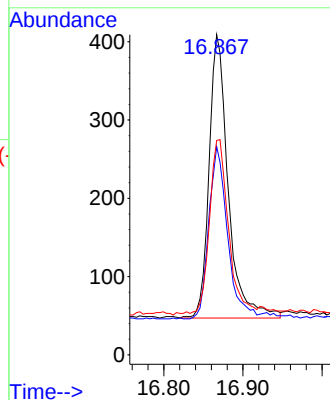
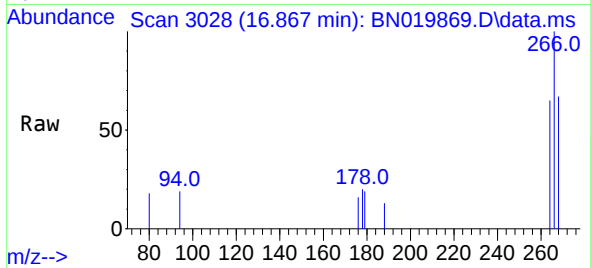




#14  
Pentachlorophenol  
Concen: 0.164 ng/ul  
RT: 16.867 min Scan# 30  
Delta R.T. 0.000 min  
Lab File: BN019869.D  
Acq: 20 May 2022 15:16

Instrument :  
BNA\_N  
ClientSampleId :  
DBTE3DL

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 266   | Resp: | 607   |
| Ion      | Ratio | Lower | Upper |
| 266      | 100   |       |       |
| 264      | 59.5  | 44.9  | 67.3  |
| 268      | 62.1  | 44.6  | 67.0  |



#15  
Phenanthrene  
Concen: 0.076 ng/ul  
RT: 17.255 min Scan# 3120  
Delta R.T. 0.000 min  
Lab File: BN019869.D  
Acq: 20 May 2022 15:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 4809  |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 179      | 17.4  | 12.9  | 19.3  |
| 176      | 20.2  | 15.5  | 23.3  |

