

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP010424\  
 Data File : BP019264.D  
 Acq On : 04 Jan 2024 15:24  
 Operator : MA/JU  
 Sample : 05951-12  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 GCF76

Quant Time: Jan 05 01:17:03 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP122723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Dec 29 03:48:11 2023  
 Response via : Initial Calibration

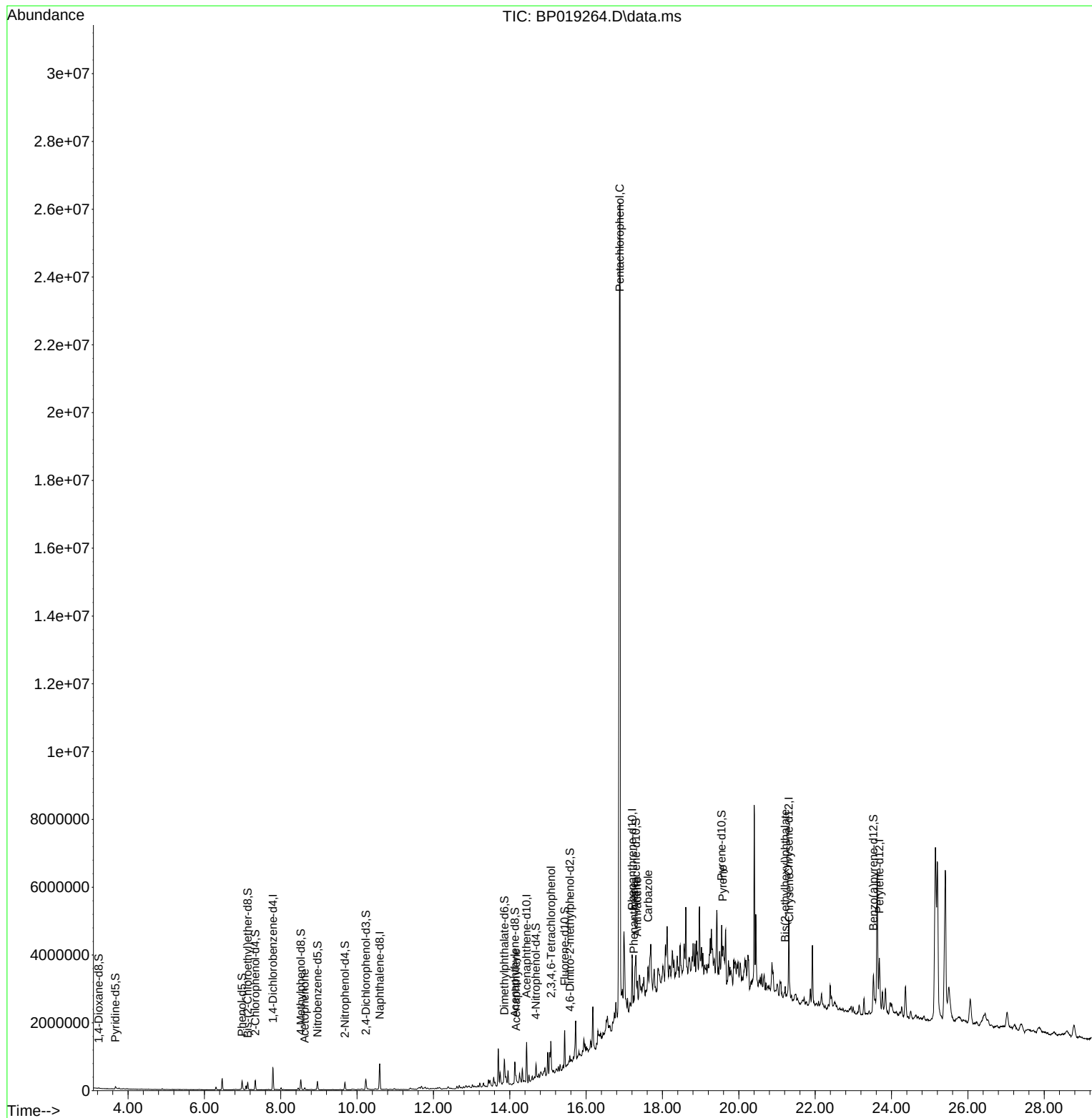
| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| -----                         |        |      |          |          |        |          |
| Internal Standards            |        |      |          |          |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.793  | 152  | 172843   | 20.000   | ng/u1  | -0.01    |
| 20) Naphthalene-d8            | 10.593 | 136  | 615544   | 20.000   | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.440 | 164  | 379204   | 20.000   | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.204 | 188  | 804701   | 20.000   | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.310 | 240  | 945485   | 20.000   | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.680 | 264  | 1136378  | 20.000   | ng/u1  | 0.01     |
| System Monitoring Compounds   |        |      |          |          |        |          |
| 3) 1,4-Dioxane-d8             | 3.234  | 96   | 7791     | 1.539    | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.670  | 84   | 48412    | 3.811    | ng/u1  | 0.02     |
| 7) Phenol-d5                  | 6.987  | 99   | 152865   | 9.862    | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.134  | 67   | 90373    | 10.078   | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.334  | 132  | 122618   | 9.813    | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.528  | 113  | 114426   | 9.482    | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.963  | 128  | 57627    | 10.830   | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.681  | 143  | 65858    | 11.452   | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.228 | 165  | 123881   | 10.668   | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.757 | 131  | 5610m    | 0.393    | ng/u1  | 0.01     |
| 46) Dimethylphthalate-d6      | 13.857 | 166  | 354665   | 10.589   | ng/u1  | -0.01    |
| 49) Acenaphthylene-d8         | 14.134 | 160  | 437400   | 12.035   | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.687 | 143  | 59558    | 10.530   | ng/u1  | 0.02     |
| 60) Fluorene-d10              | 15.440 | 176  | 322841   | 11.157   | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.575 | 200  | 55515    | 10.523   | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.304 | 188  | 497217   | 11.832   | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.551 | 212  | 649267   | 11.268   | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.527 | 264  | 744353   | 11.396   | ng/u1  | 0.01     |
| Target Compounds              |        |      |          |          |        |          |
|                               |        |      |          |          | Qvalue |          |
| 16) Acetophenone              | 8.628  | 105  | 32578    | 1.803    | ng/u1  | 91       |
| 50) Acenaphthylene            | 14.163 | 152  | 91398    | 2.235    | ng/u1  | 95       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.081 | 232  | 196907   | 22.779   | ng/u1# | 98       |
| 71) Pentachlorophenol         | 16.881 | 266  | 8273697m | 1152.919 | ng/u1  |          |
| 72) Phenanthrene              | 17.251 | 178  | 199285   | 4.087    | ng/u1# | 83       |
| 74) Anthracene                | 17.339 | 178  | 258463   | 5.324    | ng/u1# | 90       |
| 77) Carbazole                 | 17.622 | 167  | 118646   | 2.938    | ng/u1# | 65       |
| 82) Pyrene                    | 19.581 | 202  | 302708   | 4.370    | ng/u1  | 97       |
| 86) Bis(2-ethylhexyl)phtha... | 21.216 | 149  | 74709    | 2.050    | ng/u1# | 77       |
| 87) Chrysene                  | 21.322 | 228  | 168716m  | 2.422    | ng/u1  |          |
| -----                         |        |      |          |          |        |          |

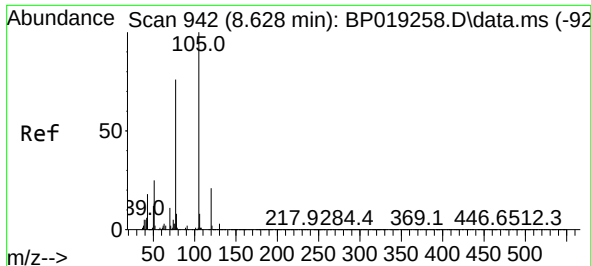
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP010424\  
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Quant Title : SVOA CALIBRATION  
QLast Update : Fri Dec 29 03:48:11 2023  
Response via : Initial Calibration

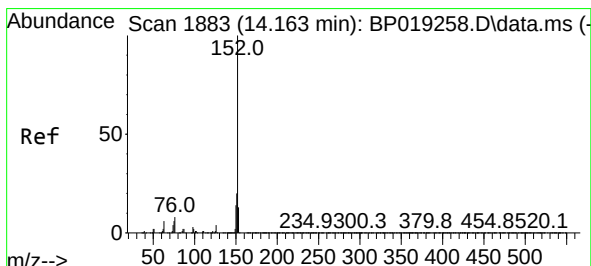
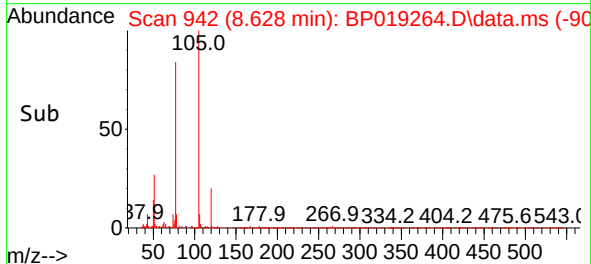
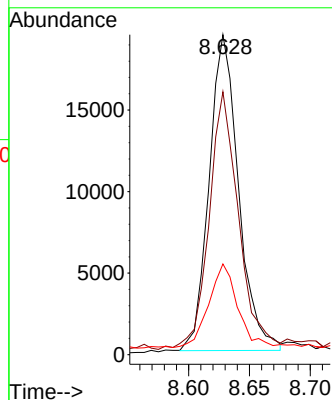
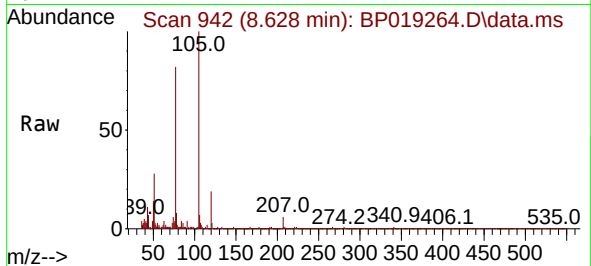




#16  
Acetophenone  
Concen: 1.803 ng/ul  
RT: 8.628 min Scan# 942  
Delta R.T. -0.006 min  
Lab File: BP019264.D  
Acq: 04 Jan 2024 15:24

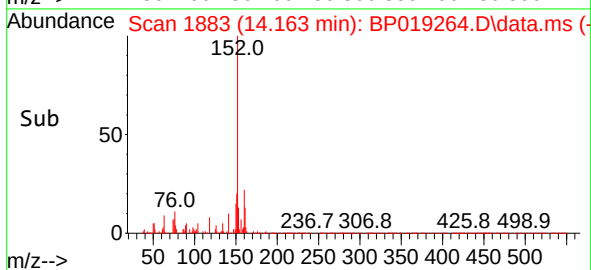
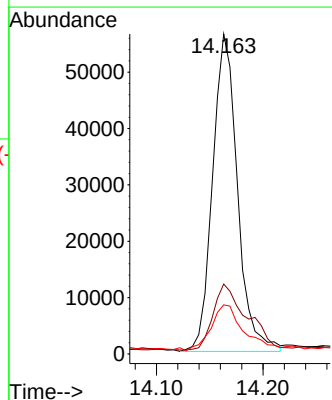
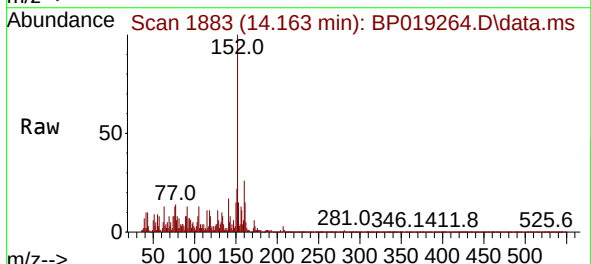
Instrument :  
BNA\_P  
ClientSampleId :  
GCF76

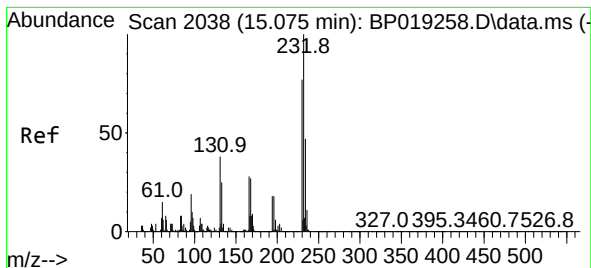
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 32578 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 77       | 82.2  | 59.8  | 89.6  |
| 51       | 28.4  | 19.3  | 28.9  |



#50  
Acenaphthylene  
Concen: 2.235 ng/ul  
RT: 14.163 min Scan# 1883  
Delta R.T. -0.006 min  
Lab File: BP019264.D  
Acq: 04 Jan 2024 15:24

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 91398 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 21.9  | 15.9  | 23.9  |
| 153      | 15.3  | 10.6  | 15.8  |

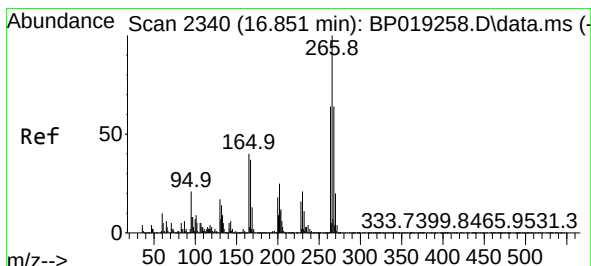
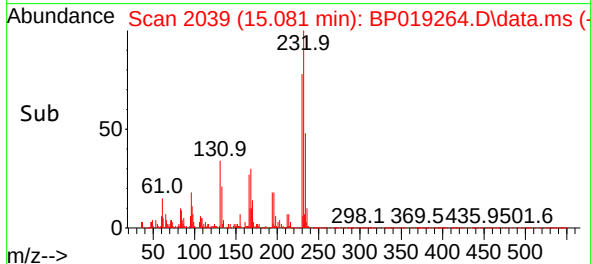
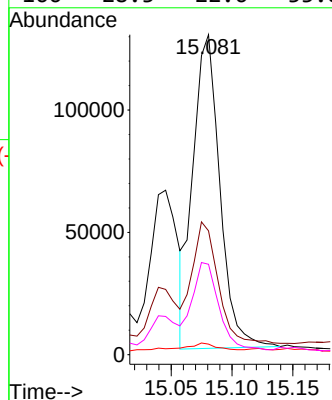
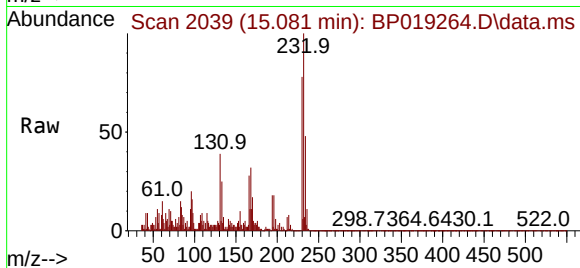




#58  
2,3,4,6-Tetrachlorophenol  
Concen: 22.779 ng/ul  
RT: 15.081 min Scan# 2039  
Delta R.T. 0.006 min  
Lab File: BP019264.D  
Acq: 04 Jan 2024 15:24

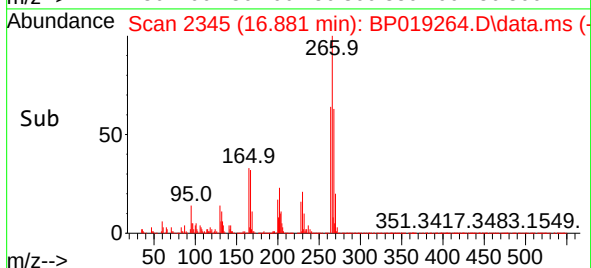
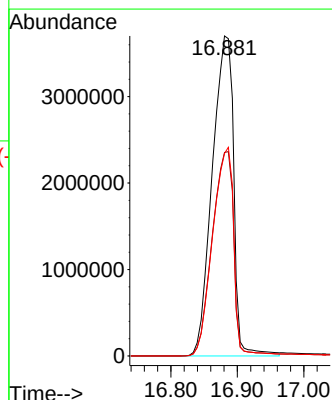
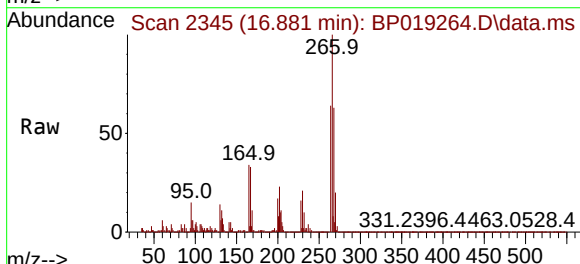
Instrument :  
BNA\_P  
ClientSampleId :  
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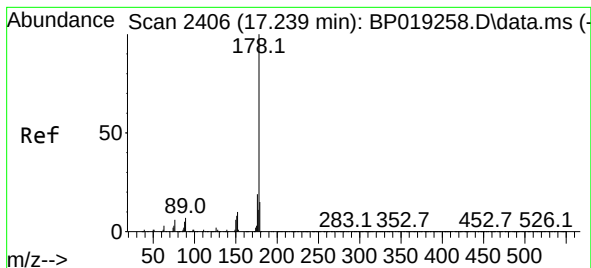
Tgt Ion:232 Resp: 196907  
Ion Ratio Lower Upper  
232 100  
131 38.7 29.3 43.9  
130 3.3 1.4 2.2#  
166 28.3 22.6 33.8



#71  
Pentachlorophenol  
Concen: 1152.919 ng/ul m  
RT: 16.881 min Scan# 2345  
Delta R.T. 0.029 min  
Lab File: BP019264.D  
Acq: 04 Jan 2024 15:24

Tgt Ion:266 Resp: 8273697  
Ion Ratio Lower Upper  
266 100  
264 63.6 50.0 75.0  
268 63.3 52.8 79.2





#72

Phenanthrene

Concen: 4.087 ng/ul

RT: 17.251 min Scan# 2408

Delta R.T. 0.006 min

Lab File: BP019264.D

Acq: 04 Jan 2024 15:24

Instrument :

BNA\_P

ClientSampleId :

GCF76

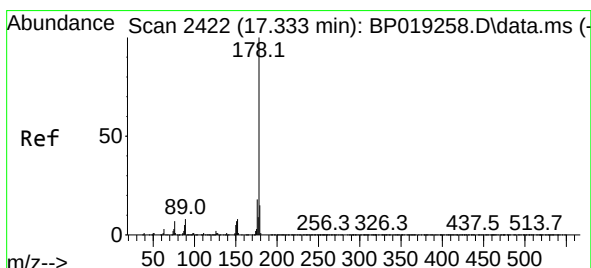
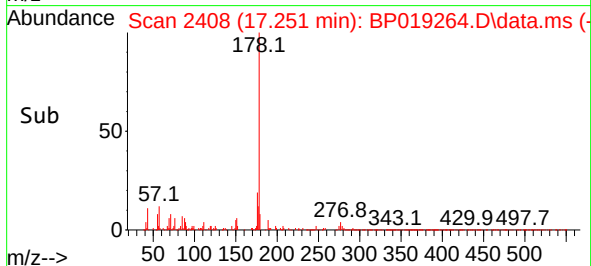
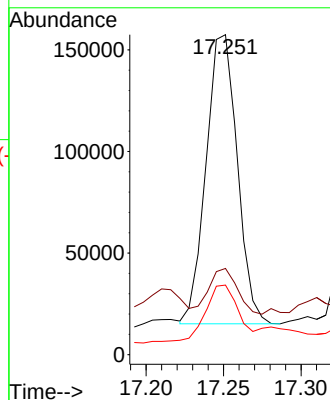
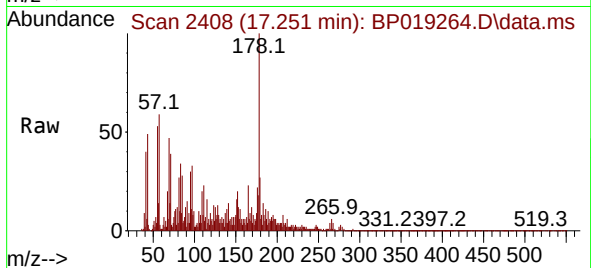
Tgt Ion:178 Resp: 199285

Ion Ratio Lower Upper

178 100

179 27.0 11.9 17.9#

176 21.7 15.0 22.6



#74

Anthracene

Concen: 5.324 ng/ul

RT: 17.339 min Scan# 2423

Delta R.T. -0.000 min

Lab File: BP019264.D

Acq: 04 Jan 2024 15:24

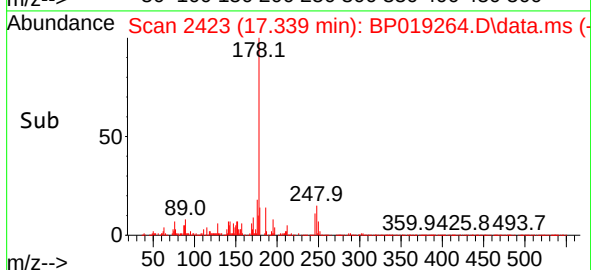
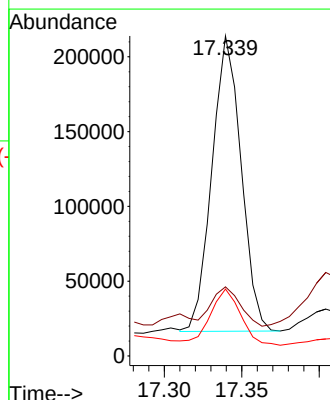
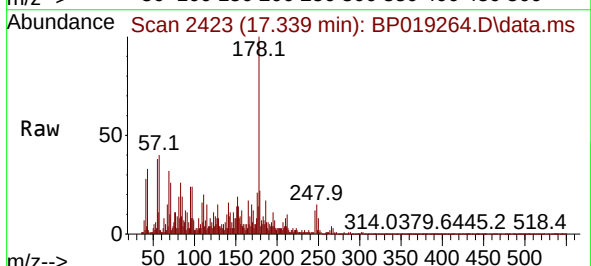
Tgt Ion:178 Resp: 258463

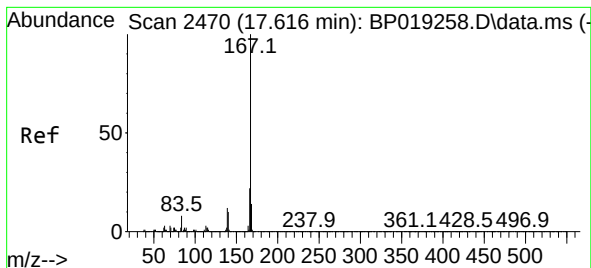
Ion Ratio Lower Upper

178 100

179 21.6 12.2 18.4#

176 20.9 14.9 22.3





#77

Carbazole

Concen: 2.938 ng/ul

RT: 17.622 min Scan# 2471

Delta R.T. 0.006 min

Lab File: BP019264.D

Acq: 04 Jan 2024 15:24

Instrument :

BNA\_P

ClientSampleId :

GCF76

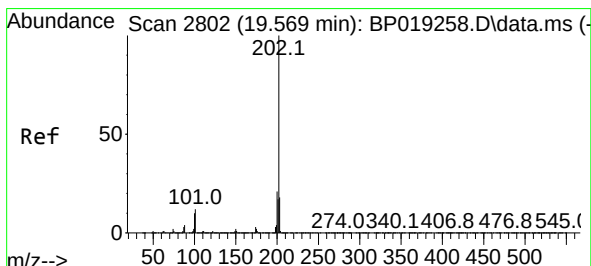
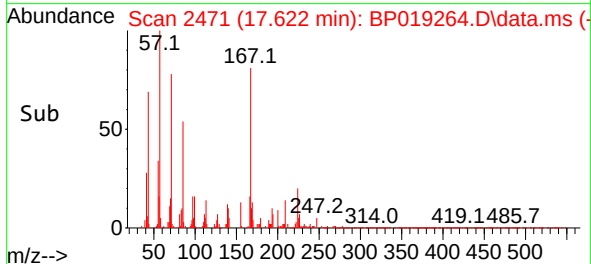
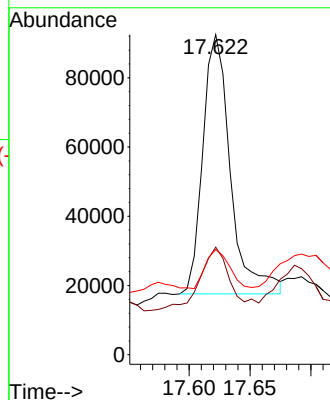
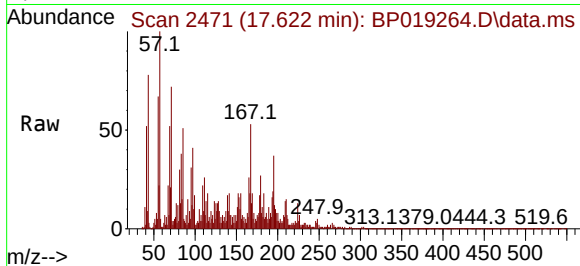
Tgt Ion:167 Resp: 118646

Ion Ratio Lower Upper

167 100

166 33.6 17.4 26.0#

139 32.8 9.8 14.6#



#82

Pyrene

Concen: 4.370 ng/ul

RT: 19.581 min Scan# 2804

Delta R.T. 0.006 min

Lab File: BP019264.D

Acq: 04 Jan 2024 15:24

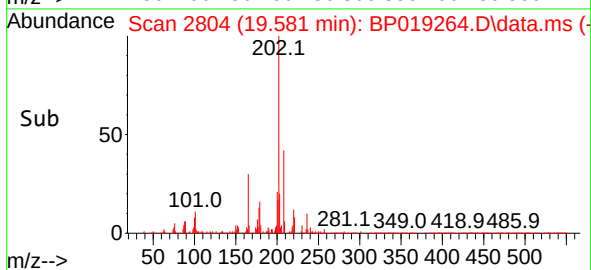
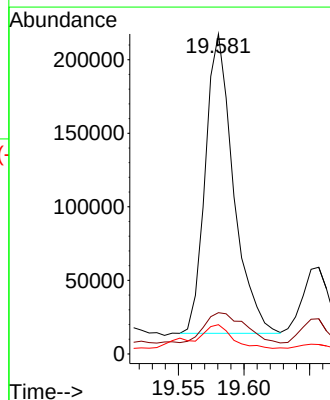
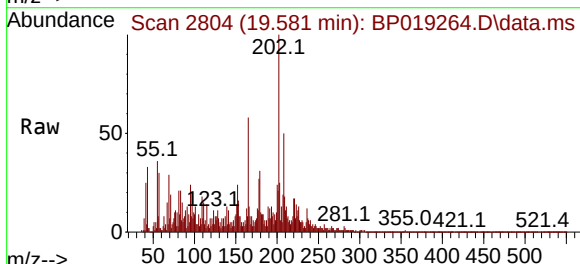
Tgt Ion:202 Resp: 302708

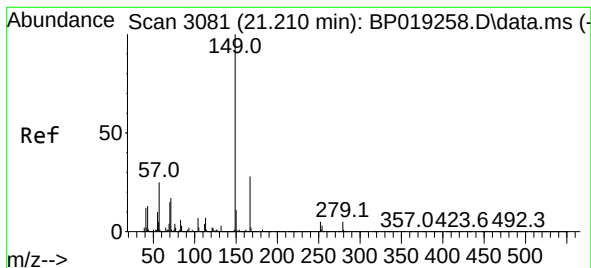
Ion Ratio Lower Upper

202 100

101 12.9 9.2 13.8

100 9.2 7.8 11.6

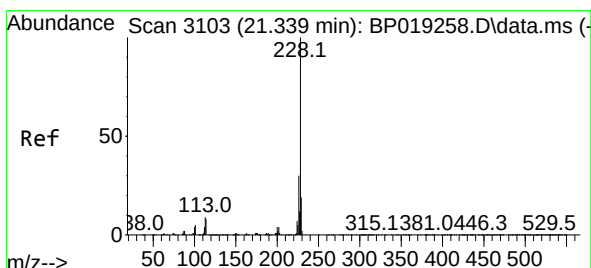
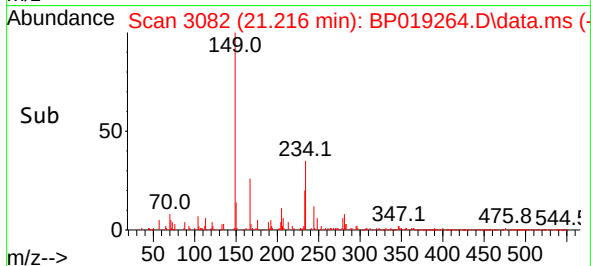
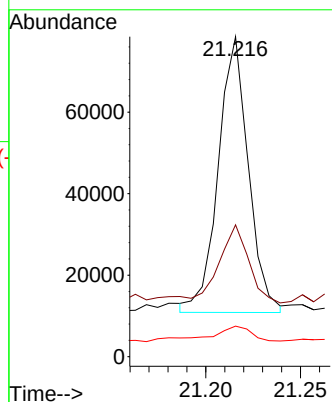
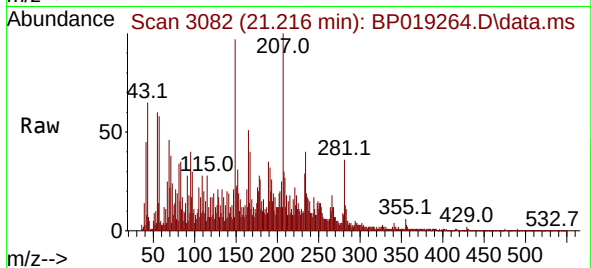




#86  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.050 ng/ul  
 RT: 21.216 min Scan# 3081  
 Delta R.T. -0.006 min  
 Lab File: BP019264.D  
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Tgt Ion:149 Resp: 74709  
 Ion Ratio Lower Upper  
 149 100  
 167 41.2 22.5 33.7#  
 279 9.6 4.0 6.0#



#87  
 Chrysene  
 Concen: 2.422 ng/ul m  
 RT: 21.322 min Scan# 3100  
 Delta R.T. -0.024 min  
 Lab File: BP019264.D  
 Acq: 04 Jan 2024 15:24

Tgt Ion:228 Resp: 168716  
 Ion Ratio Lower Upper  
 228 100  
 226 37.0 23.4 35.2#  
 229 32.9 15.6 23.4#

