

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
 Data File : BN020461.D
 Acq On : 26 Jun 2022 07:22
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 27 03:44:47 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:17:34 2022
 Response via : Initial Calibration

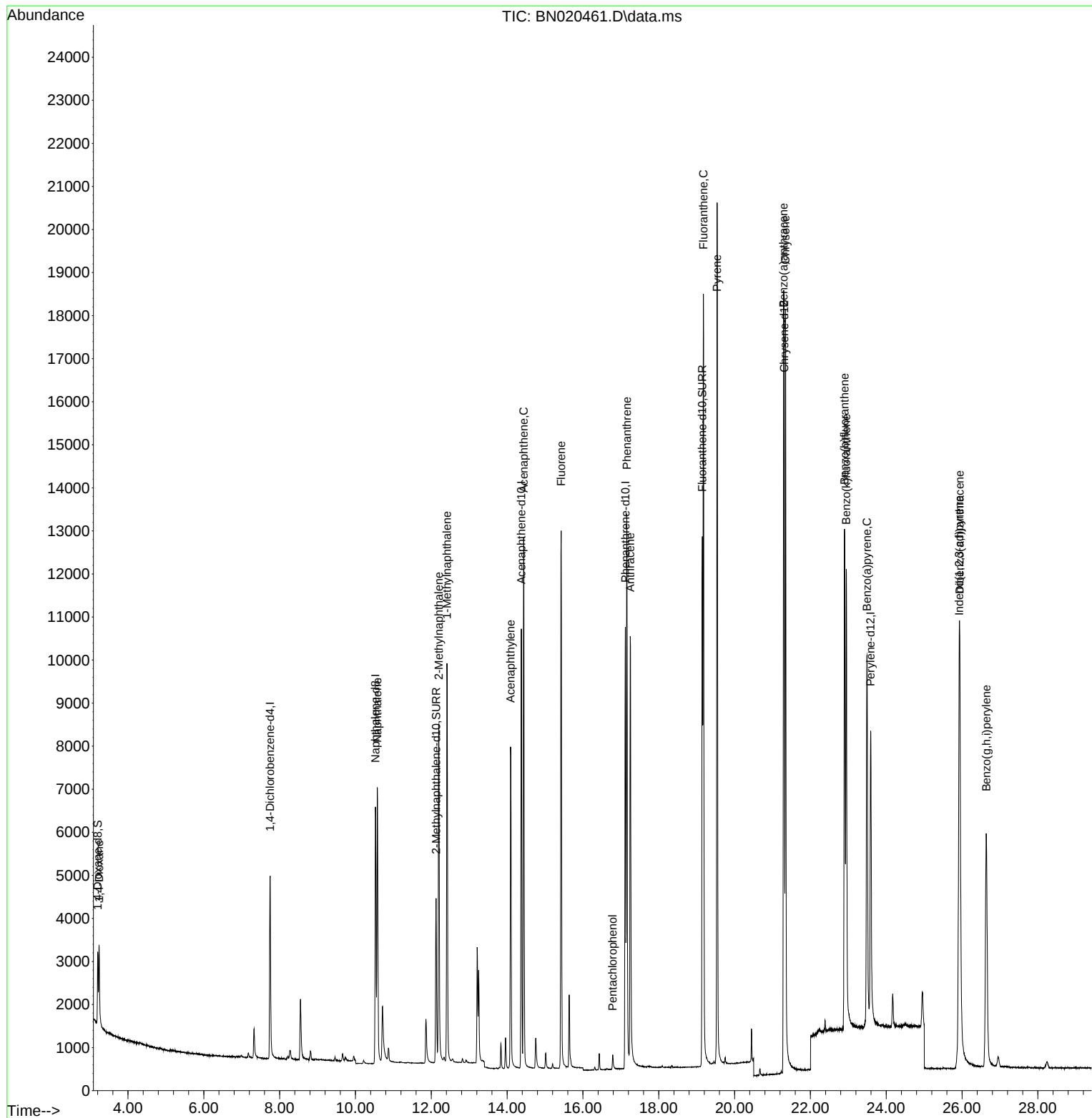
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	2573	0.400	ng/ul	0.00
4) Naphthalene-d8	10.528	136	8900	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.376	164	5777	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.119	188	12690	0.400	ng/ul	0.00
17) Chrysene-d12	21.309	240	11661	0.400	ng/ul	0.00
23) Perylene-d12	23.589	264	9951	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.206	96	1204	0.404	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.128	152	5657	0.387	ng/ul	0.00
18) Fluoranthene-d10	19.149	212	13730	0.357	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.239	88	1195	0.393	ng/ul#	87
5) Naphthalene	10.578	128	9434	0.343	ng/ul	100
7) 2-Methylnaphthalene	12.200	142	6304	0.343	ng/ul	99
8) 1-Methylnaphthalene	12.414	142	6760	0.388	ng/ul	100
10) Acenaphthylene	14.093	152	9472	0.346	ng/ul	99
11) Acenaphthene	14.436	153	7505	0.342	ng/ul	100
12) Fluorene	15.426	166	8651	0.333	ng/ul	98
14) Pentachlorophenol	16.785	266	306	0.120	ng/ul	96
15) Phenanthrene	17.157	178	14800	0.335	ng/ul	99
16) Anthracene	17.250	178	12925	0.339	ng/ul	100
19) Fluoranthene	19.177	202	16791	0.315	ng/ul	100
20) Pyrene	19.539	202	18170	0.329	ng/ul	98
21) Benzo(a)anthracene	21.292	228	14097	0.337	ng/ul	99
22) Chrysene	21.344	228	15812	0.339	ng/ul	99
24) Benzo(b)fluoranthene	22.899	252	15117	0.328	ng/ul	99
25) Benzo(k)fluoranthene	22.946	252	14977	0.322	ng/ul	99
26) Benzo(a)pyrene	23.490	252	13982	0.334	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.923	276	14355	0.345	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.940	278	11587	0.345	ng/ul	99
29) Benzo(g,h,i)perylene	26.641	276	12373	0.346	ng/ul	98

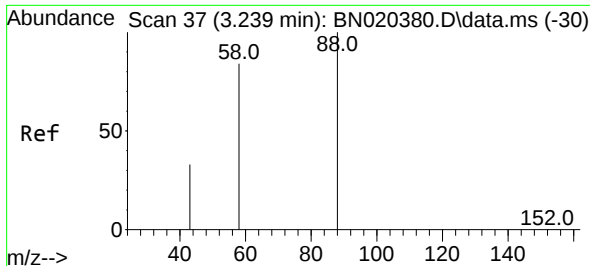
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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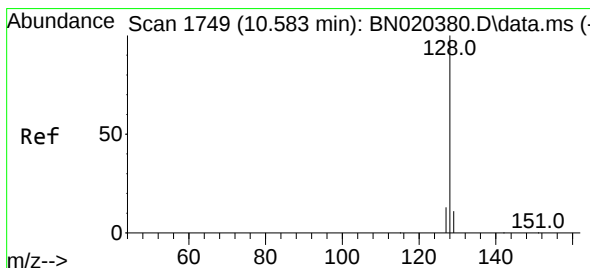
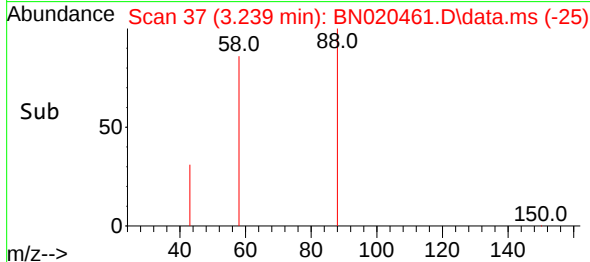
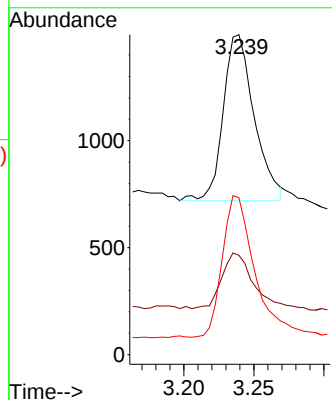
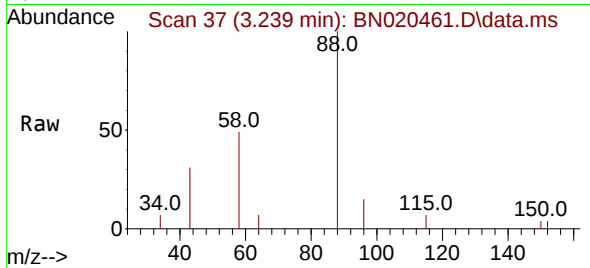




#2
1,4-Dioxane
Concen: 0.393 ng/ul
RT: 3.239 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN020461.D
Acq: 26 Jun 2022 07:22

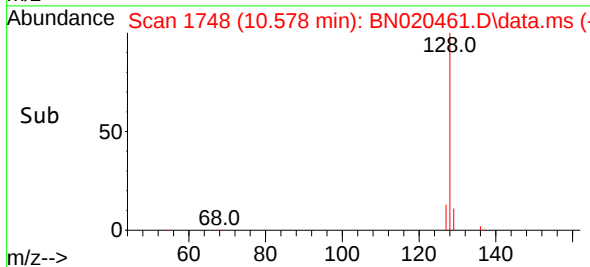
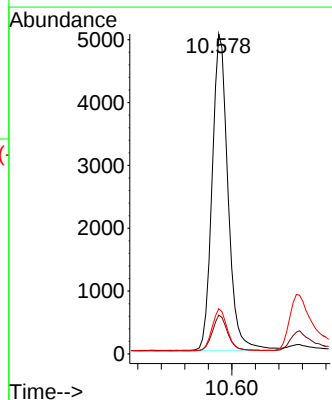
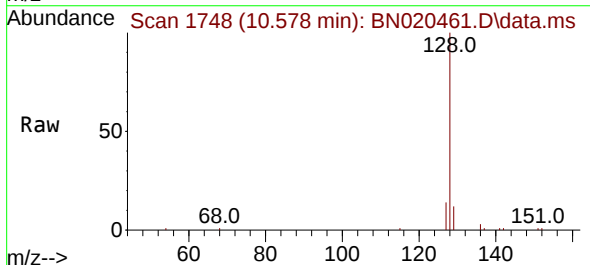
Instrument :
BNA_N
ClientSampleId :

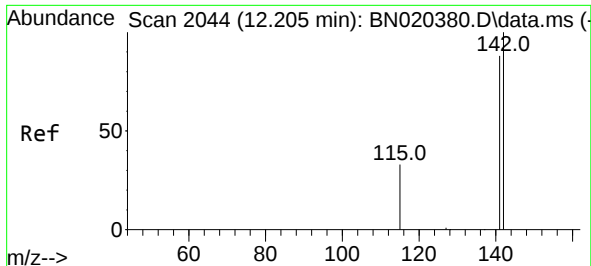
Tgt Ion: 88 Resp: 1195
Ion Ratio Lower Upper
88 100
43 31.0 32.5 48.7#
58 49.0 46.2 69.2



#5
Naphthalene
Concen: 0.343 ng/ul
RT: 10.578 min Scan# 1748
Delta R.T. -0.005 min
Lab File: BN020461.D
Acq: 26 Jun 2022 07:22

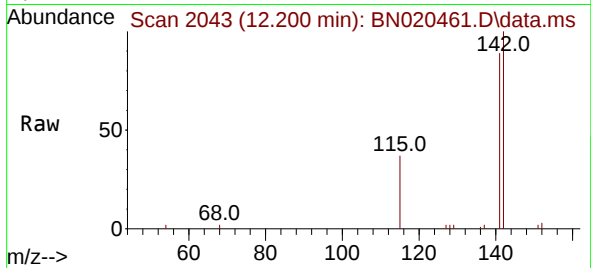
Tgt Ion:128 Resp: 9434
Ion Ratio Lower Upper
128 100
129 12.1 9.5 14.3
127 14.2 11.3 16.9



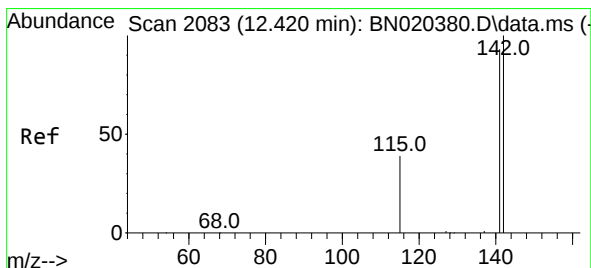
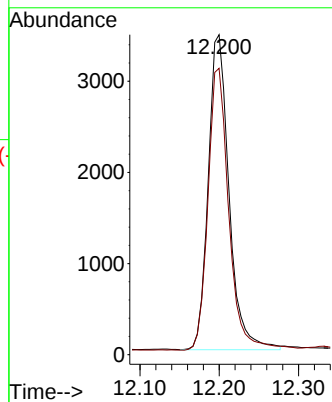
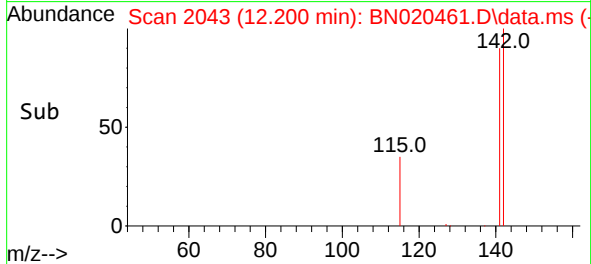


#7
2-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.200 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BN020461.D
Acq: 26 Jun 2022 07:22

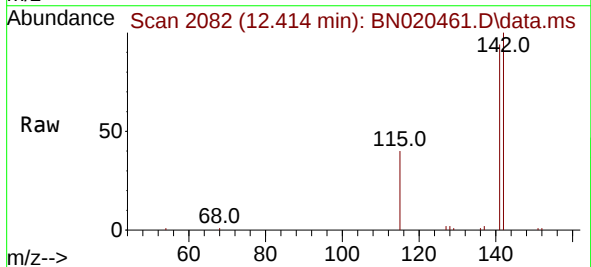
Instrument :
BNA_N
ClientSampleId :



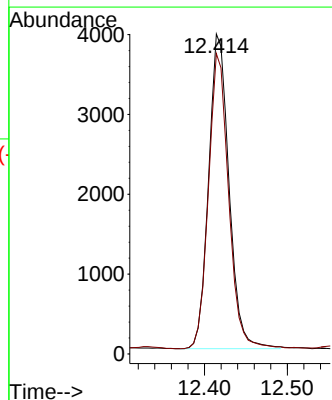
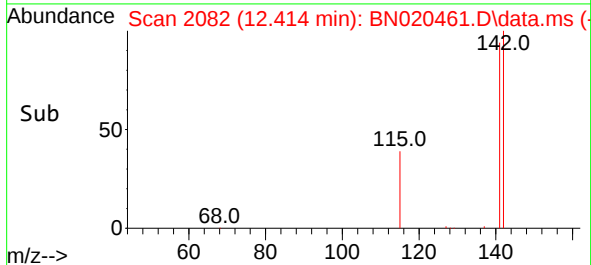
Tgt Ion:142 Resp: 6304
Ion Ratio Lower Upper
142 100
141 89.1 72.1 108.1

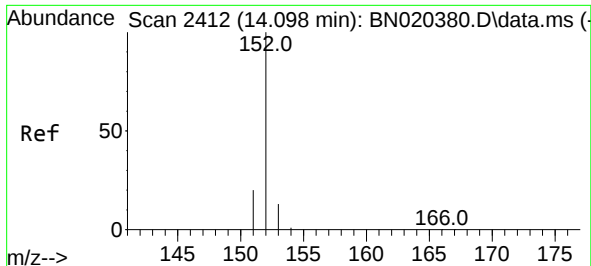


#8
1-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.414 min Scan# 2082
Delta R.T. -0.005 min
Lab File: BN020461.D
Acq: 26 Jun 2022 07:22



Tgt Ion:142 Resp: 6760
Ion Ratio Lower Upper
142 100
141 92.5 73.7 110.5

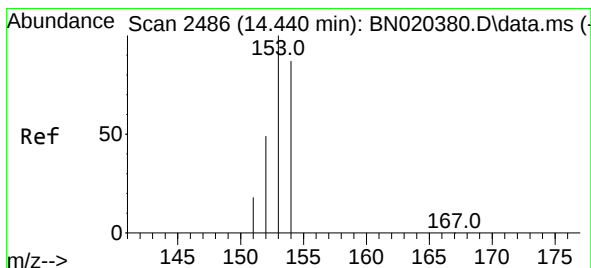
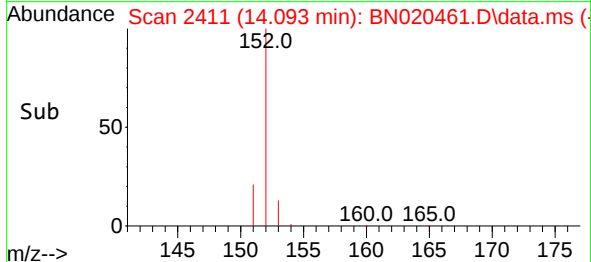
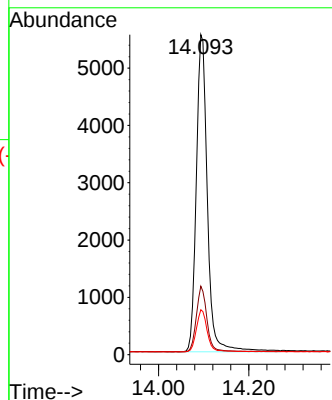
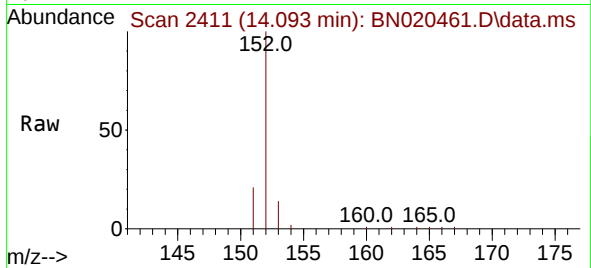




#10
Acenaphthylene
Concen: 0.346 ng/ul
RT: 14.093 min Scan# 2411
Delta R.T. -0.004 min
Lab File: BN020461.D
Acq: 26 Jun 2022 07:22

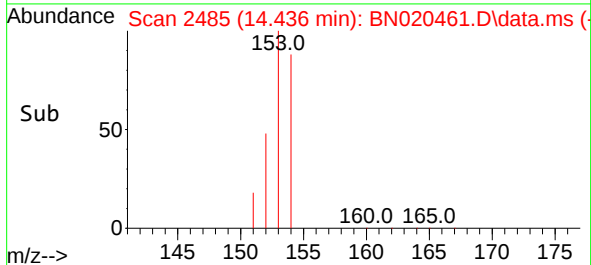
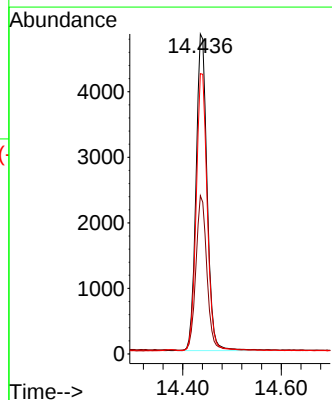
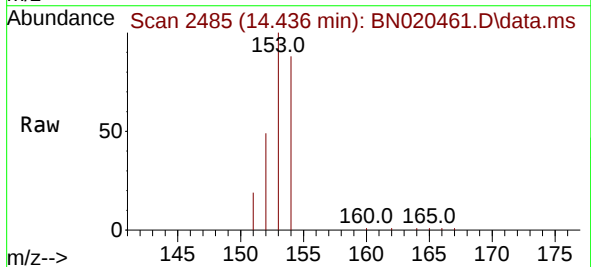
Instrument :
BNA_N
ClientSampleId :

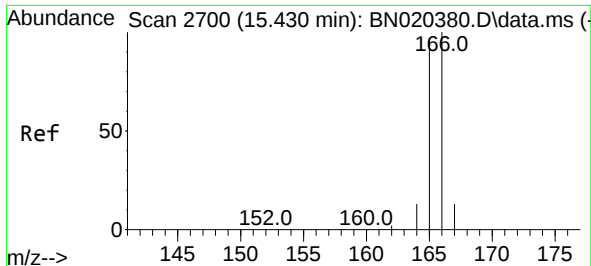
Tgt Ion:152 Resp: 9472
Ion Ratio Lower Upper
152 100
151 21.4 16.5 24.7
153 14.0 11.1 16.7



#11
Acenaphthene
Concen: 0.342 ng/ul
RT: 14.436 min Scan# 2485
Delta R.T. -0.004 min
Lab File: BN020461.D
Acq: 26 Jun 2022 07:22

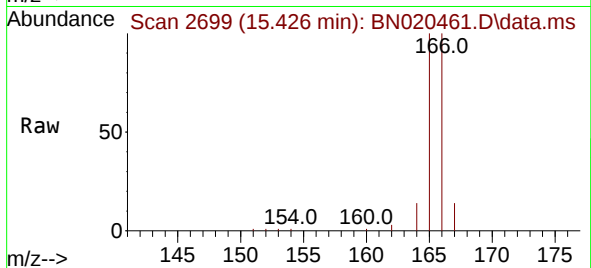
Tgt Ion:153 Resp: 7505
Ion Ratio Lower Upper
153 100
152 49.5 40.0 60.0
154 87.6 70.0 105.0



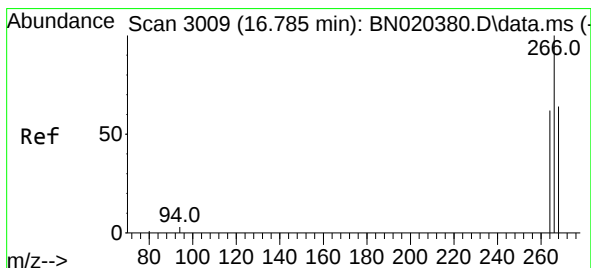
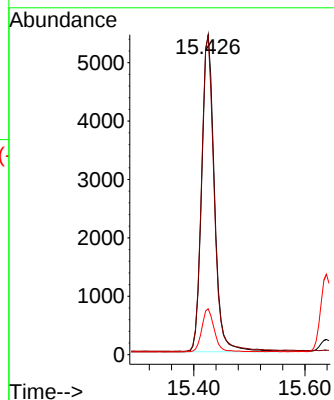
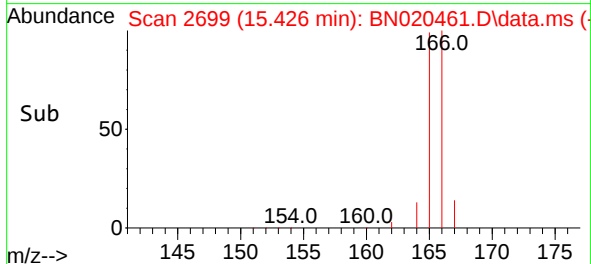


#12
Fluorene
Concen: 0.333 ng/ul
RT: 15.426 min Scan# 2699
Delta R.T. -0.004 min
Lab File: BN020461.D
Acq: 26 Jun 2022 07:22

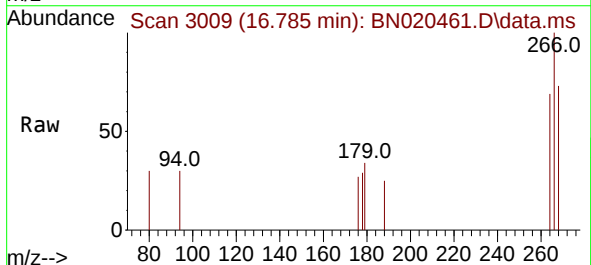
Instrument :
BNA_N
ClientSampleId :



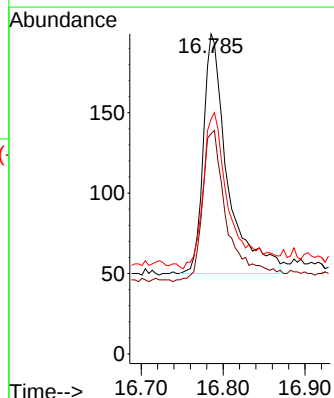
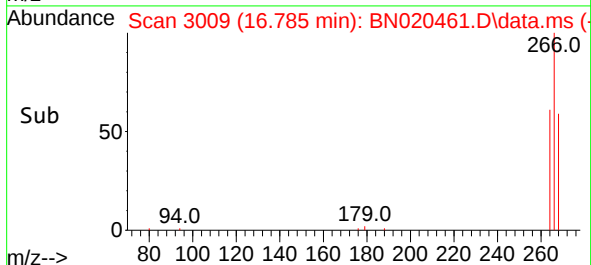
Tgt Ion:166 Resp: 8651
Ion Ratio Lower Upper
166 100
165 99.6 78.2 117.2
167 14.3 11.3 16.9

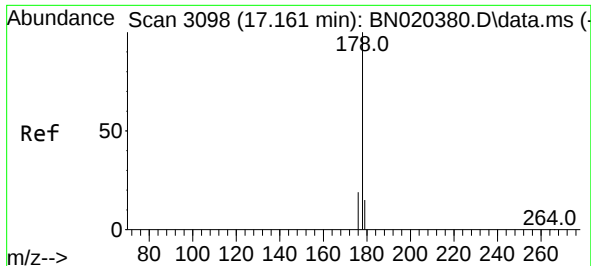


#14
Pentachlorophenol
Concen: 0.120 ng/ul
RT: 16.785 min Scan# 3009
Delta R.T. 0.000 min
Lab File: BN020461.D
Acq: 26 Jun 2022 07:22



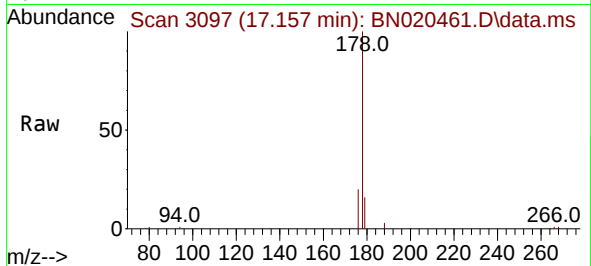
Tgt Ion:266 Resp: 306
Ion Ratio Lower Upper
266 100
264 65.7 51.6 77.4
268 69.9 51.5 77.3



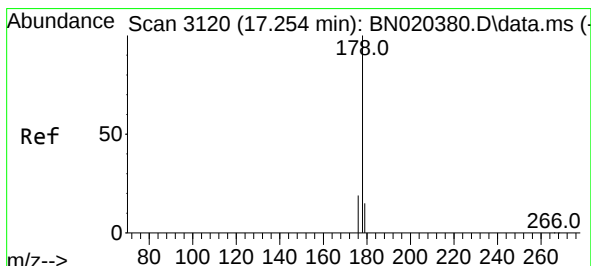
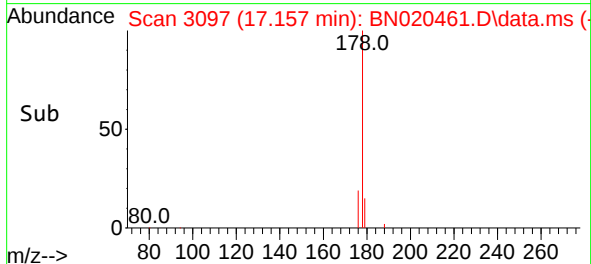
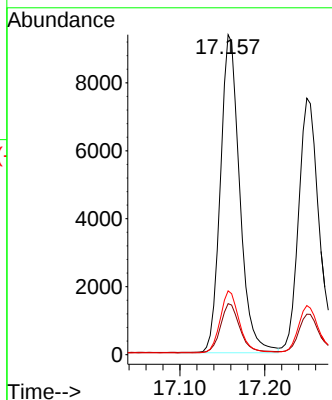


#15
Phenanthrene
Concen: 0.335 ng/ul
RT: 17.157 min Scan# 3097
Delta R.T. -0.004 min
Lab File: BN020461.D
Acq: 26 Jun 2022 07:22

Instrument :
BNA_N
ClientSampleId :

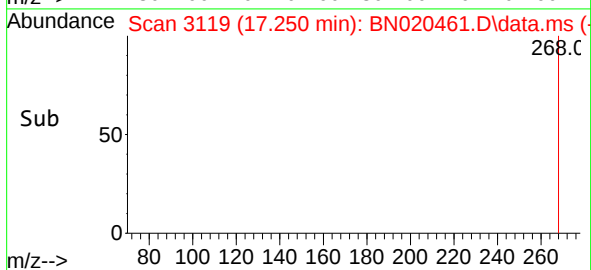
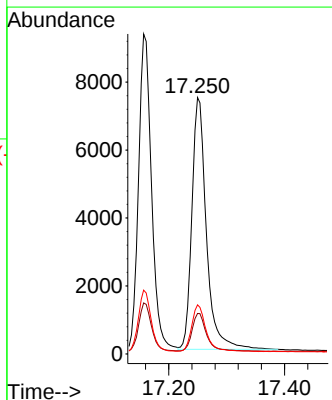
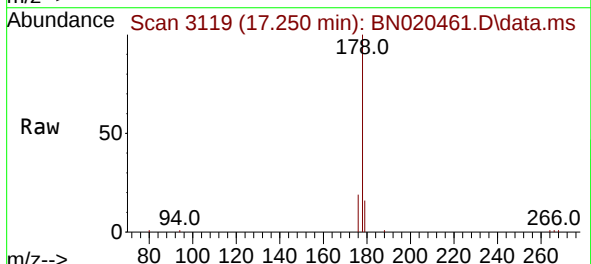


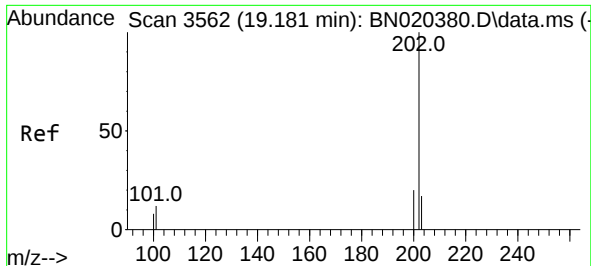
Tgt Ion:178 Resp: 14800
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 20.0 15.8 23.6



#16
Anthracene
Concen: 0.339 ng/ul
RT: 17.250 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BN020461.D
Acq: 26 Jun 2022 07:22

Tgt Ion:178 Resp: 12925
Ion Ratio Lower Upper
178 100
179 15.8 12.8 19.2
176 19.1 15.2 22.8

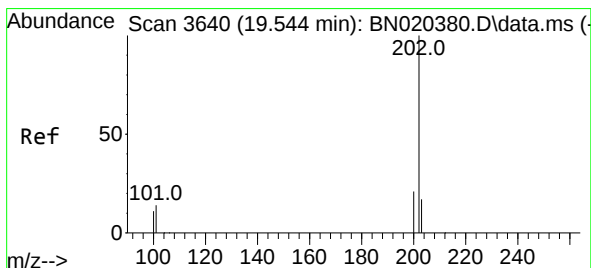
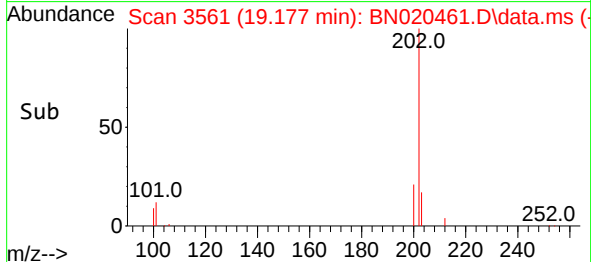
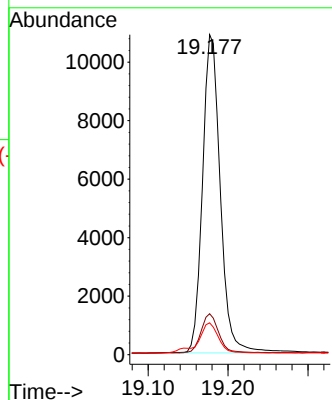
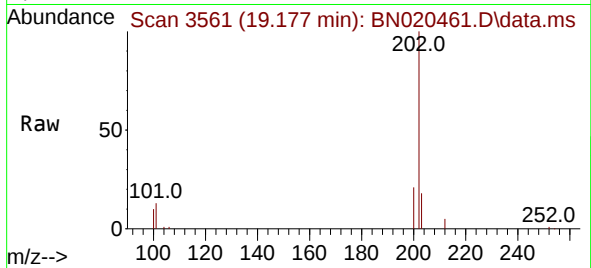




#19
Fluoranthene
Concen: 0.315 ng/ul
RT: 19.177 min Scan# 3561
Delta R.T. -0.004 min
Lab File: BN020461.D
Acq: 26 Jun 2022 07:22

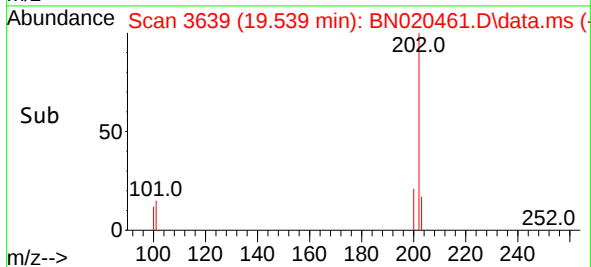
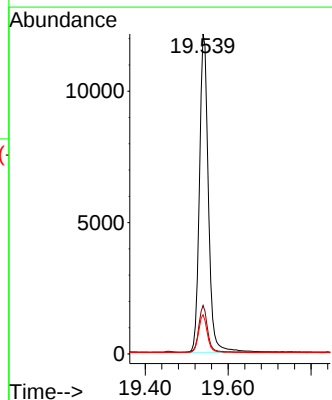
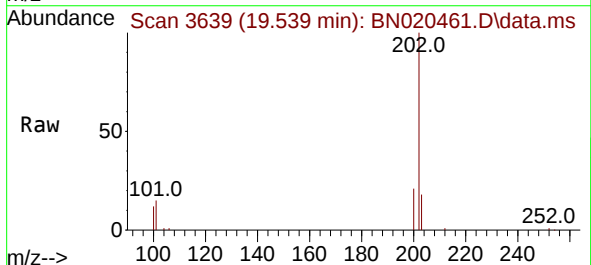
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ClientSampleId :

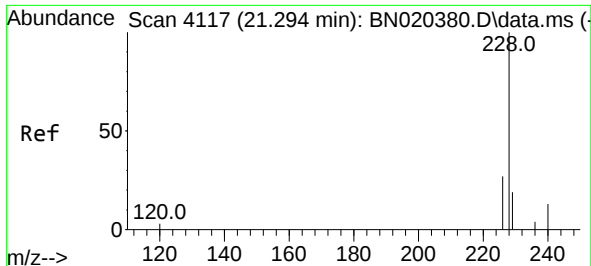
Tgt Ion:202 Resp: 16791
Ion Ratio Lower Upper
202 100
101 12.8 10.3 15.5
100 9.9 7.8 11.6



#20
Pyrene
Concen: 0.329 ng/ul
RT: 19.539 min Scan# 3639
Delta R.T. -0.004 min
Lab File: BN020461.D
Acq: 26 Jun 2022 07:22

Tgt Ion:202 Resp: 18170
Ion Ratio Lower Upper
202 100
101 15.1 11.6 17.4
100 12.3 9.2 13.8

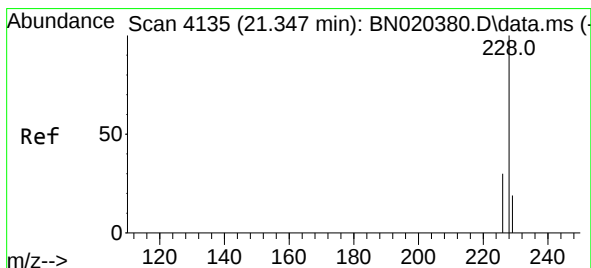
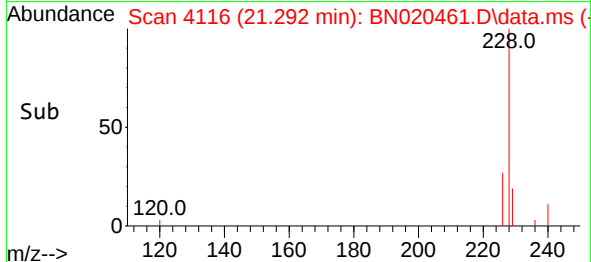
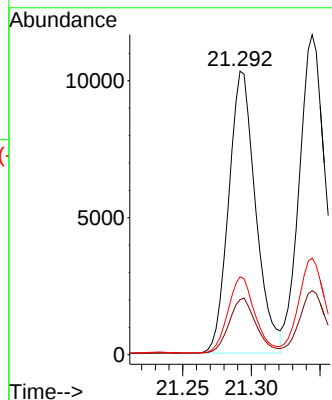
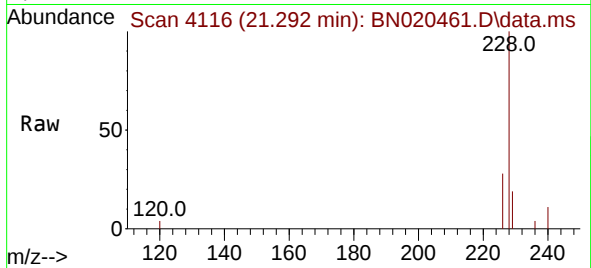




#21
Benzo(a)anthracene
Concen: 0.337 ng/ul
RT: 21.292 min Scan# 4117
Delta R.T. -0.003 min
Lab File: BN020461.D
Acq: 26 Jun 2022 07:22

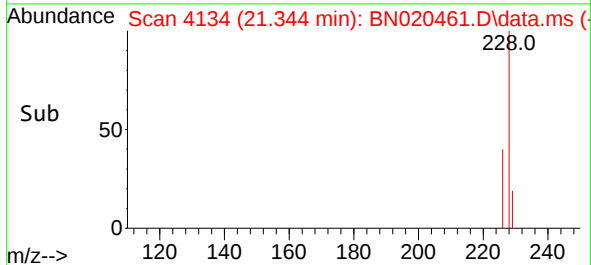
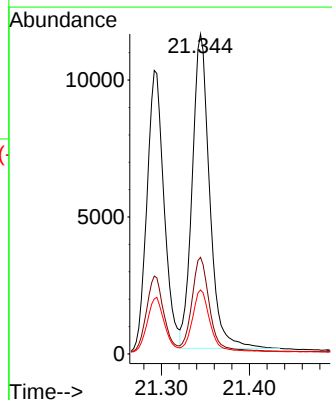
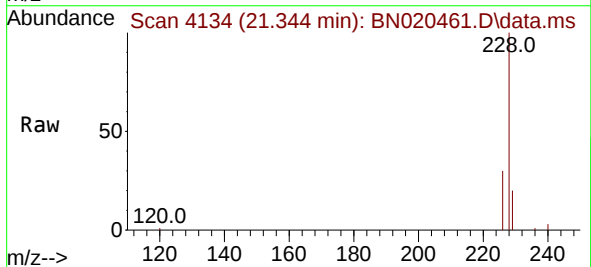
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BNA_N
ClientSampleId :

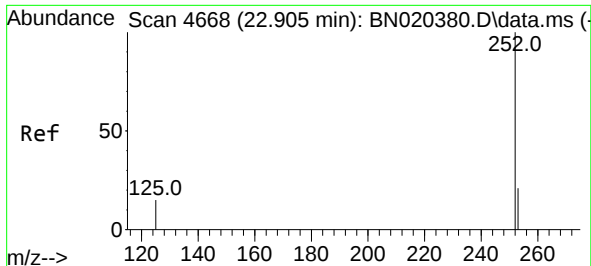
Tgt Ion:228 Resp: 14097
Ion Ratio Lower Upper
228 100
229 19.4 15.9 23.9
226 27.5 22.2 33.2



#22
Chrysene
Concen: 0.339 ng/ul
RT: 21.344 min Scan# 4134
Delta R.T. -0.003 min
Lab File: BN020461.D
Acq: 26 Jun 2022 07:22

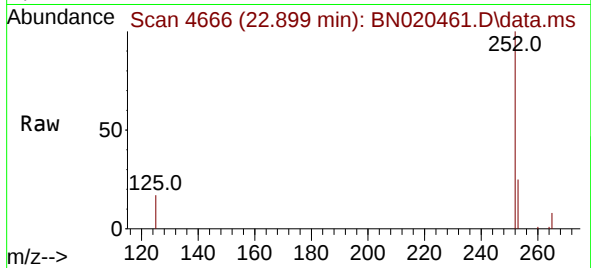
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Ion Ratio Lower Upper
228 100
226 30.2 23.9 35.9
229 20.0 15.8 23.8



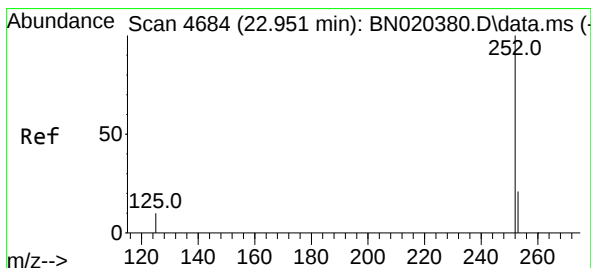
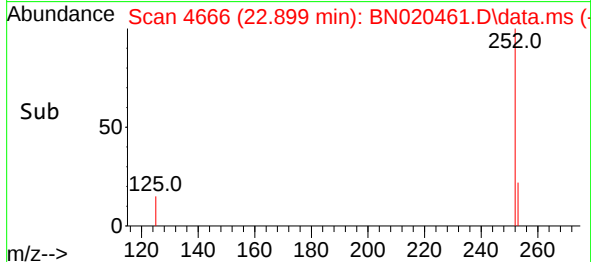
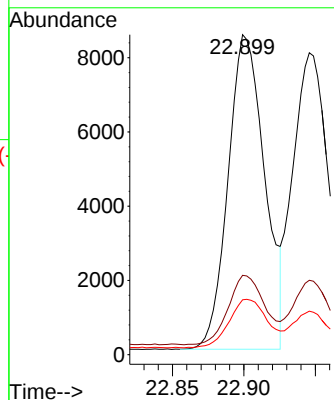


#24
Benzo(b)fluoranthene
Concen: 0.328 ng/ul
RT: 22.899 min Scan# 4666
Delta R.T. -0.006 min
Lab File: BN020461.D
Acq: 26 Jun 2022 07:22

Instrument :
BNA_N
ClientSampleId :

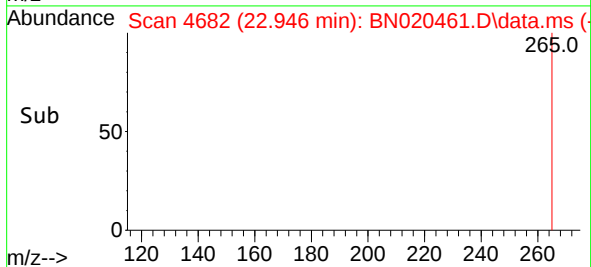
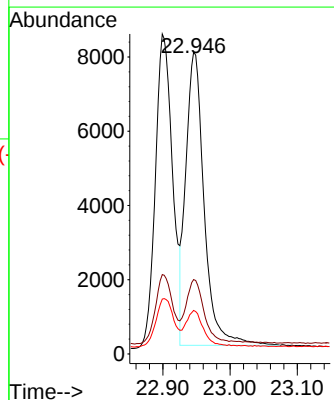
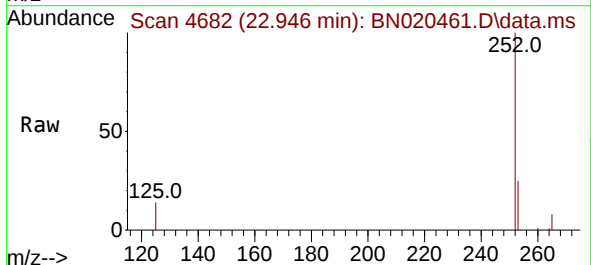


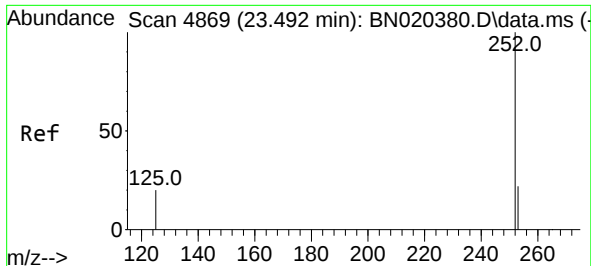
Tgt Ion:252 Resp: 15117
Ion Ratio Lower Upper
252 100
253 24.8 0.0 48.6
125 17.2 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.322 ng/ul
RT: 22.946 min Scan# 4682
Delta R.T. -0.006 min
Lab File: BN020461.D
Acq: 26 Jun 2022 07:22

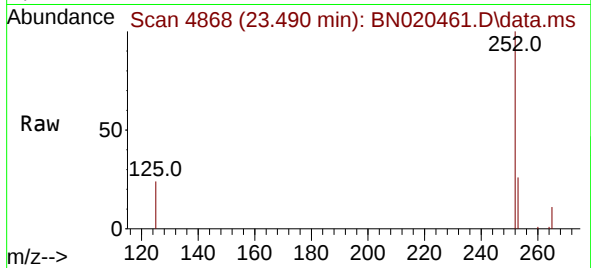
Tgt Ion:252 Resp: 14977
Ion Ratio Lower Upper
252 100
253 24.7 19.7 29.5
125 14.4 12.0 18.0



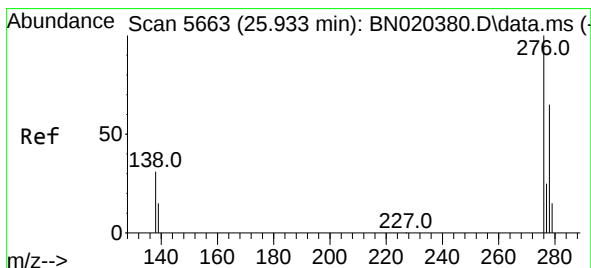
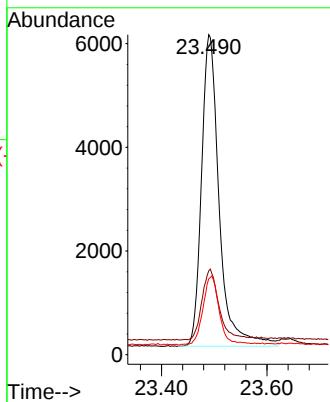
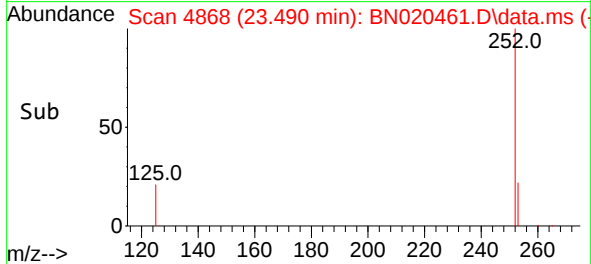


#26
Benzo(a)pyrene
Concen: 0.334 ng/ul
RT: 23.490 min Scan# 4868
Delta R.T. -0.003 min
Lab File: BN020461.D
Acq: 26 Jun 2022 07:22

Instrument :
BNA_N
ClientSampleId :

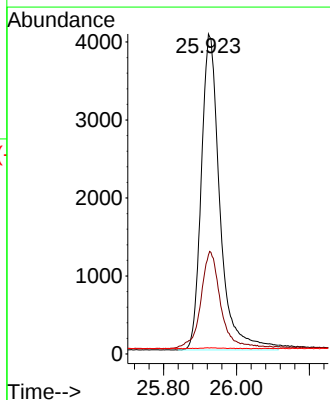
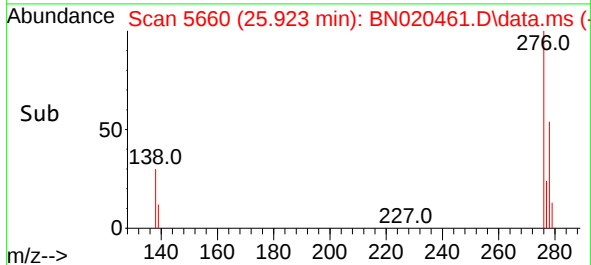
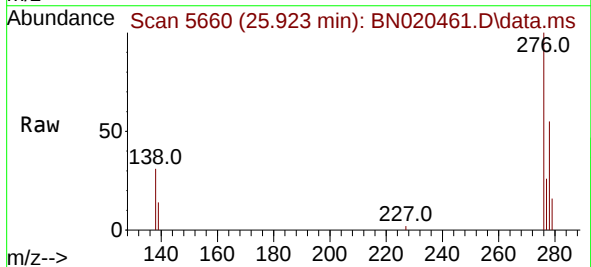


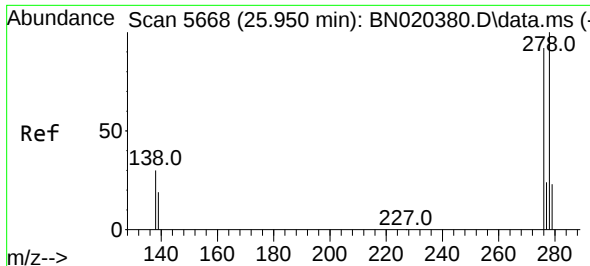
Tgt Ion:252 Resp: 13982
Ion Ratio Lower Upper
252 100
253 26.2 21.0 31.4
125 23.7 18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.345 ng/ul
RT: 25.923 min Scan# 5660
Delta R.T. -0.010 min
Lab File: BN020461.D
Acq: 26 Jun 2022 07:22

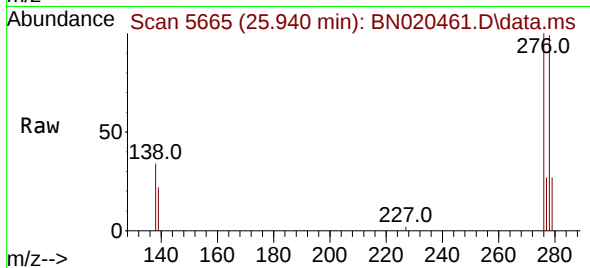
Tgt Ion:276 Resp: 14355
Ion Ratio Lower Upper
276 100
138 33.1 27.4 41.2
227 0.1 0.2 0.2#



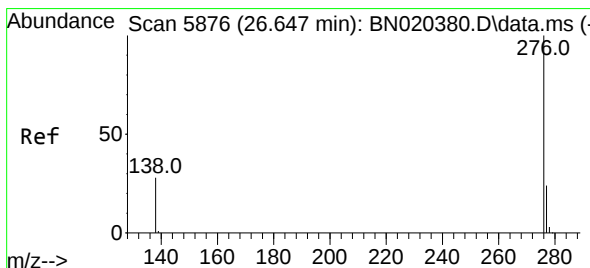
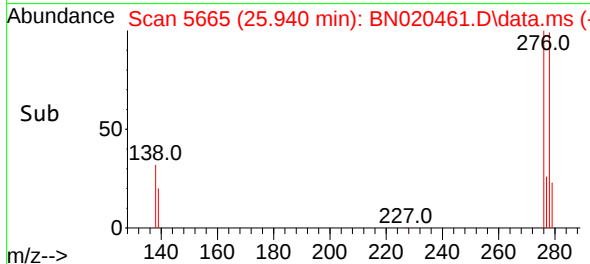
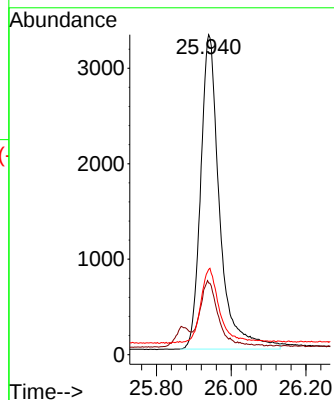


#28
Dibenzo(a,h)anthracene
Concen: 0.345 ng/ul
RT: 25.940 min Scan# 51
Delta R.T. -0.010 min
Lab File: BN020461.D
Acq: 26 Jun 2022 07:22

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 11587
Ion Ratio Lower Upper
278 100
139 22.4 18.8 28.2
279 26.6 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.346 ng/ul
RT: 26.641 min Scan# 5874
Delta R.T. -0.007 min
Lab File: BN020461.D
Acq: 26 Jun 2022 07:22

Tgt Ion:276 Resp: 12373
Ion Ratio Lower Upper
276 100
138 28.2 23.5 35.3
277 24.8 20.1 30.1

