

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
 Data File : BN022228.D
 Acq On : 20 Oct 2022 11:07
 Operator : CG/JU
 Sample : N5023-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BD1

Quant Time: Oct 21 01:49:34 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 23:32:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

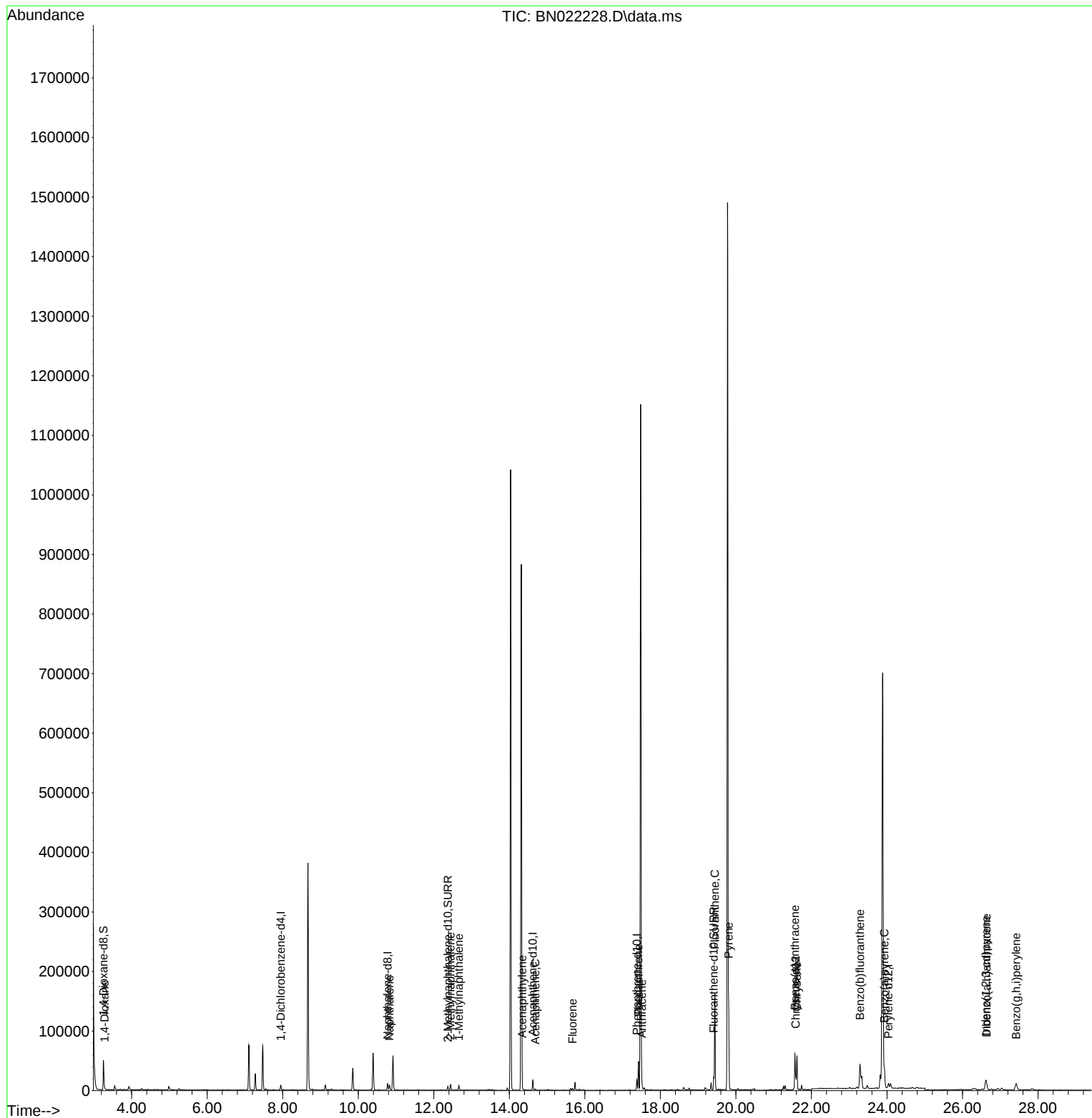
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	4134	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	14178	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.623	164	8782	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.378	188	19235	0.400	ng/ul	0.00
17) Chrysene-d12	21.579	240	14802	0.400	ng/ul	0.00
23) Perylene-d12	24.040	264	11586	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	32187	5.991	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.372	152	8203	0.382	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	19695	0.396	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.282	88	152	0.028	ng/ul#	1
5) Naphthalene	10.827	128	11346	0.271	ng/ul	99
7) 2-Methylnaphthalene	12.444	142	6788	0.257	ng/ul	100
8) 1-Methylnaphthalene	12.664	142	5434	0.200	ng/ul	99
10) Acenaphthylene	14.345	152	1821	0.046	ng/ul#	82
11) Acenaphthene	14.688	153	1301	0.039	ng/ul	97
12) Fluorene	15.673	166	1750	0.045	ng/ul#	96
15) Phenanthrene	17.421	178	49897	0.773	ng/ul	99
16) Anthracene	17.514	178	7555	0.139	ng/ul	97
19) Fluoranthene	19.444	202	132801	1.959	ng/ul	97
20) Pyrene	19.807	202	103669	1.522	ng/ul	98
21) Benzo(a)anthracene	21.561	228	48744	0.879	ng/ul	97
22) Chrysene	21.617	228	58370	0.993	ng/ul	98
24) Benzo(b)fluoranthene	23.286	252	92947	1.598	ng/ul	99
26) Benzo(a)pyrene	23.932	252	41839	0.902	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.618	276	29029	0.503	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.635	278	7877	0.171	ng/ul#	82
29) Benzo(g,h,i)perylene	27.420	276	24654	0.525	ng/ul	99

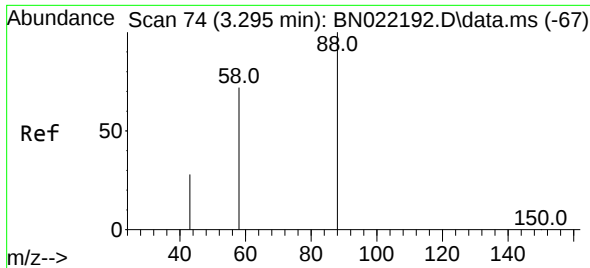
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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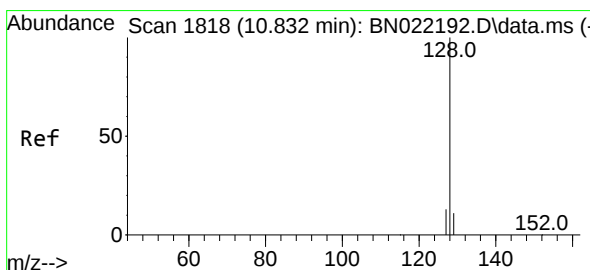
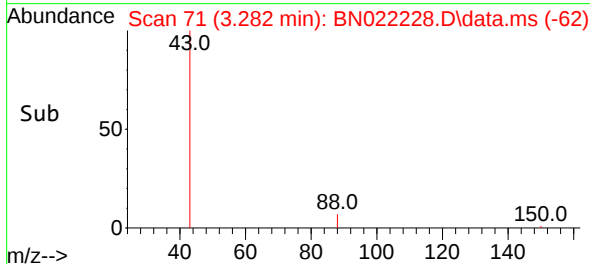
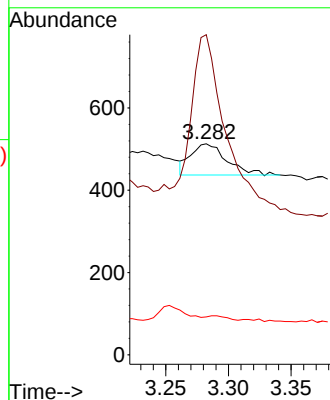
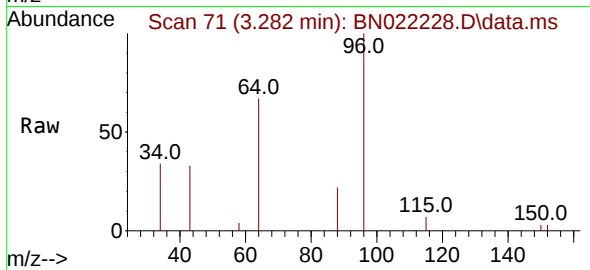




#2
1,4-Dioxane
Concen: 0.028 ng/ul
RT: 3.282 min Scan# 71
Delta R.T. -0.013 min
Lab File: BN022228.D
Acq: 20 Oct 2022 11:07

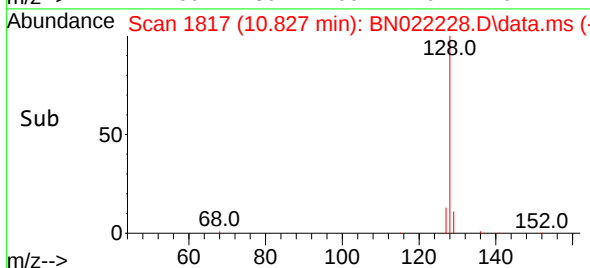
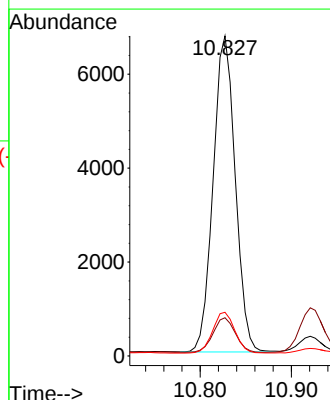
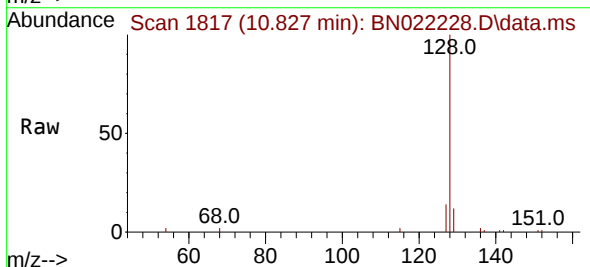
Instrument :
BNA_N
ClientSampleId :
C0BD1

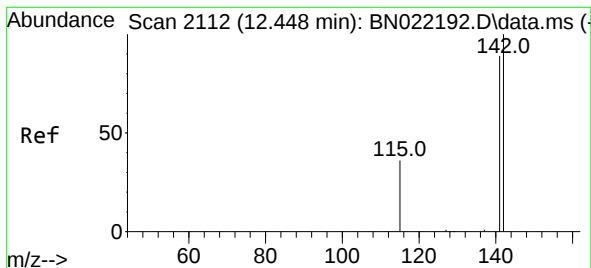
Tgt Ion: 88 Resp: 152
Ion Ratio Lower Upper
88 100
43 151.7 27.4 41.2#
58 17.9 48.2 72.2#



#5
Naphthalene
Concen: 0.271 ng/ul
RT: 10.827 min Scan# 1817
Delta R.T. -0.004 min
Lab File: BN022228.D
Acq: 20 Oct 2022 11:07

Tgt Ion: 128 Resp: 11346
Ion Ratio Lower Upper
128 100
129 11.9 9.3 13.9
127 13.6 10.7 16.1

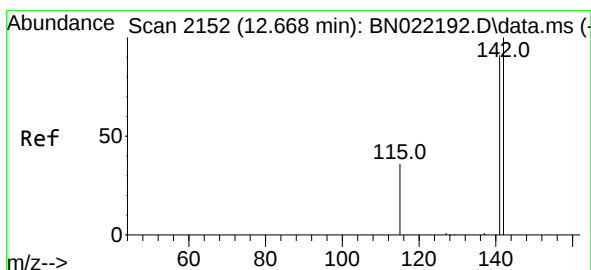
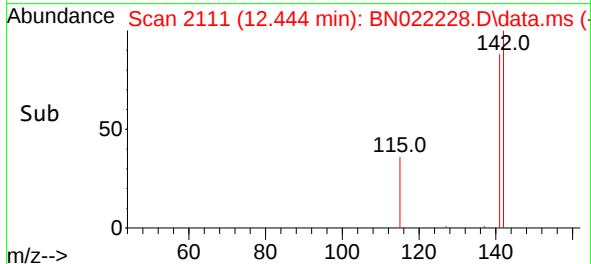
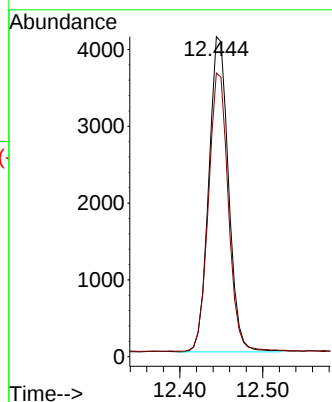
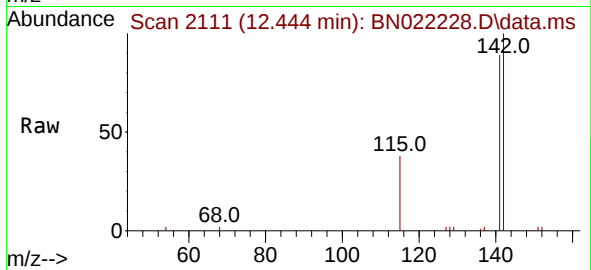




#7
2-Methylnaphthalene
Concen: 0.257 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN022228.D
Acq: 20 Oct 2022 11:07

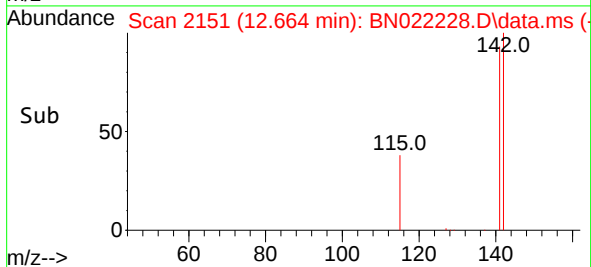
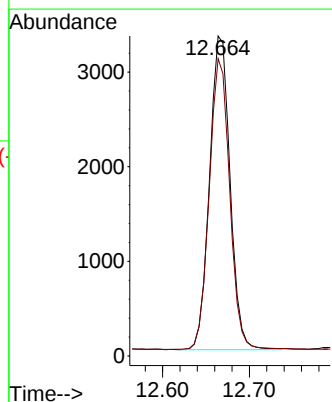
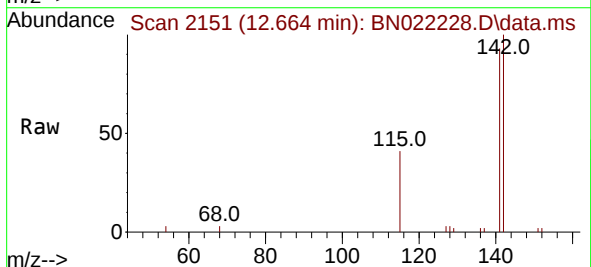
Instrument :
BNA_N
ClientSampleId :
C0BD1

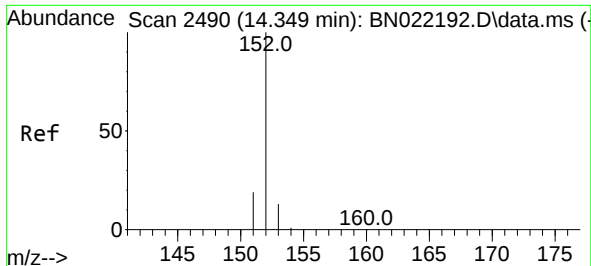
Tgt Ion:142 Resp: 6788
Ion Ratio Lower Upper
142 100
141 88.5 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.200 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BN022228.D
Acq: 20 Oct 2022 11:07

Tgt Ion:142 Resp: 5434
Ion Ratio Lower Upper
142 100
141 92.3 73.3 109.9

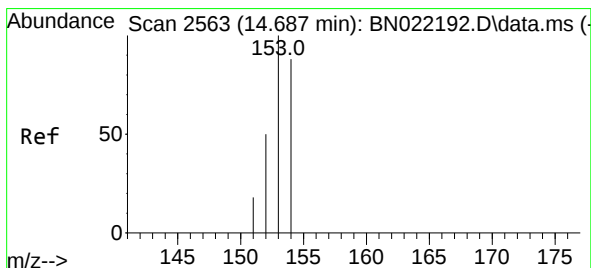
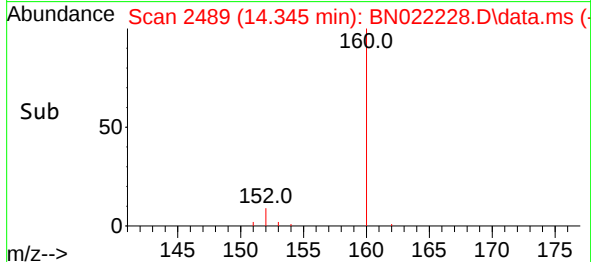
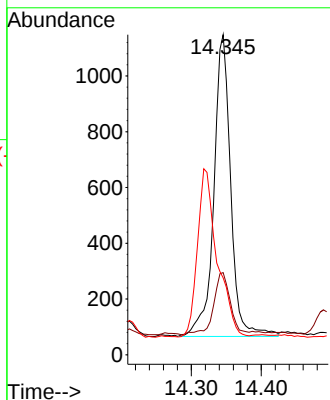
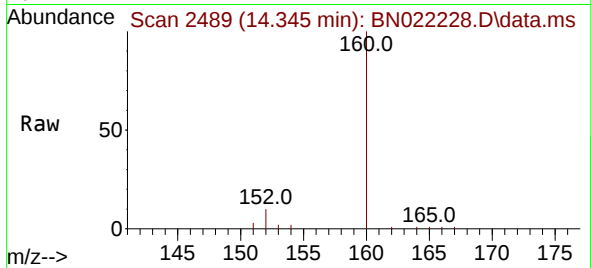




#10
Acenaphthylene
Concen: 0.046 ng/ul
RT: 14.345 min Scan# 2490
Delta R.T. -0.004 min
Lab File: BN022228.D
Acq: 20 Oct 2022 11:07

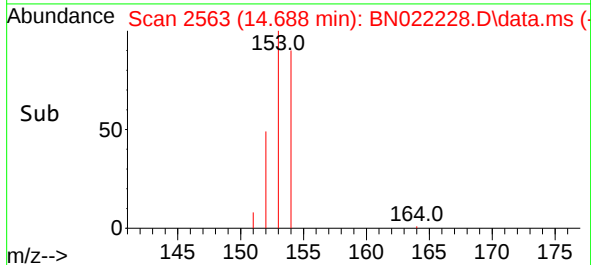
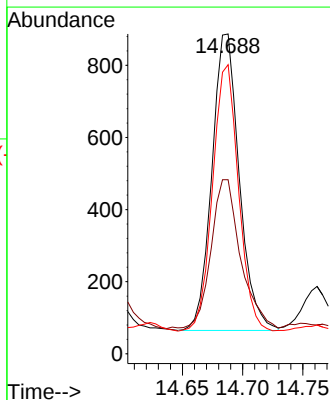
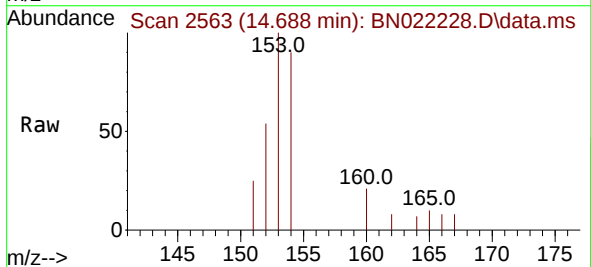
Instrument :
BNA_N
ClientSampleId :
C0BD1

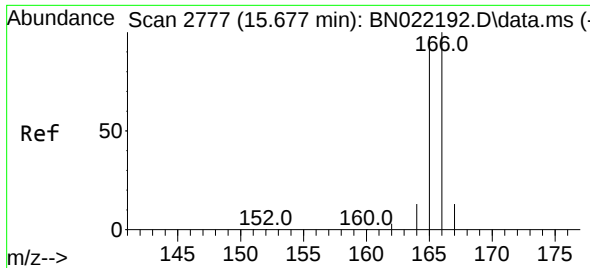
Tgt Ion:152 Resp: 1821
Ion Ratio Lower Upper
152 100
151 25.7 15.9 23.9#
153 24.0 10.8 16.2#



#11
Acenaphthene
Concen: 0.039 ng/ul
RT: 14.688 min Scan# 2563
Delta R.T. 0.001 min
Lab File: BN022228.D
Acq: 20 Oct 2022 11:07

Tgt Ion:153 Resp: 1301
Ion Ratio Lower Upper
153 100
152 54.5 40.6 61.0
154 90.4 70.6 106.0

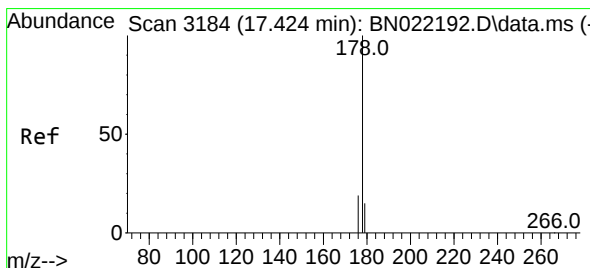
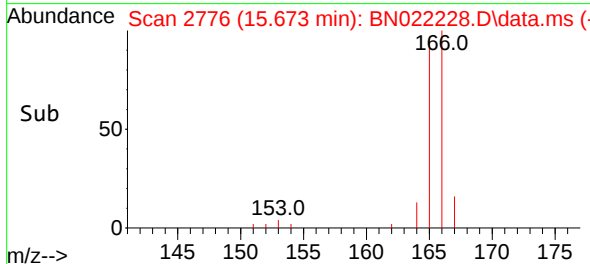
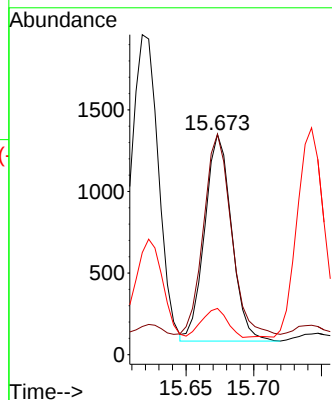
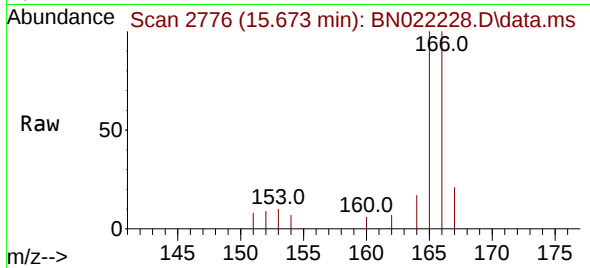




#12
Fluorene
Concen: 0.045 ng/ul
RT: 15.673 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN022228.D
Acq: 20 Oct 2022 11:07

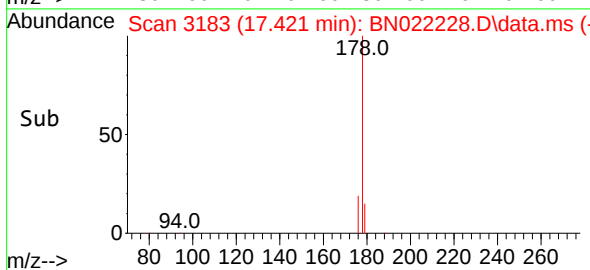
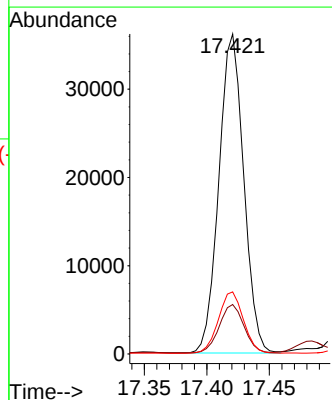
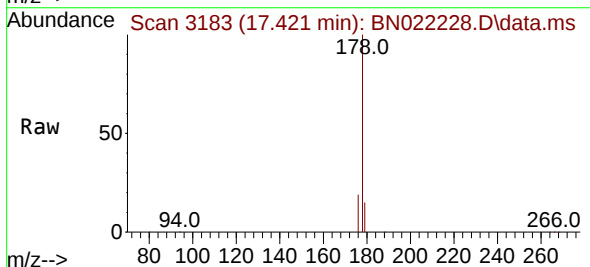
Instrument :
BNA_N
ClientSampleId :
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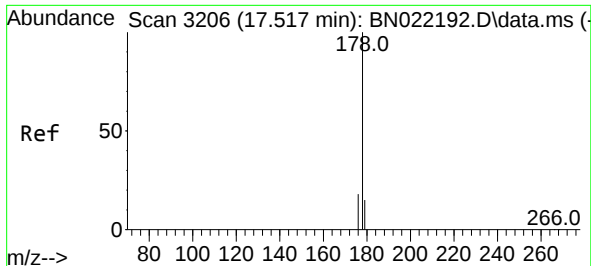
Tgt Ion:166 Resp: 1750
Ion Ratio Lower Upper
166 100
165 100.1 78.2 117.2
167 21.0 11.0 16.4#



#15
Phenanthrene
Concen: 0.773 ng/ul
RT: 17.421 min Scan# 3183
Delta R.T. -0.003 min
Lab File: BN022228.D
Acq: 20 Oct 2022 11:07

Tgt Ion:178 Resp: 49897
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.4 15.4 23.2

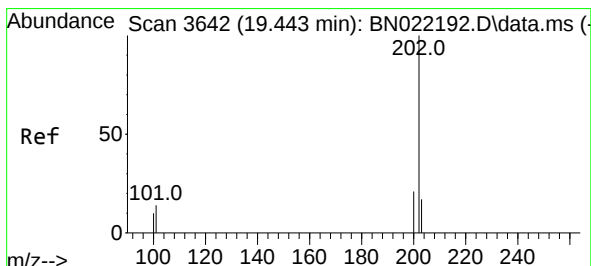
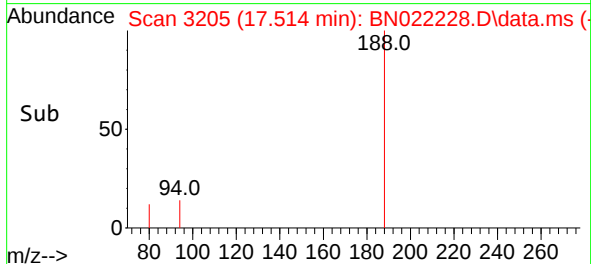
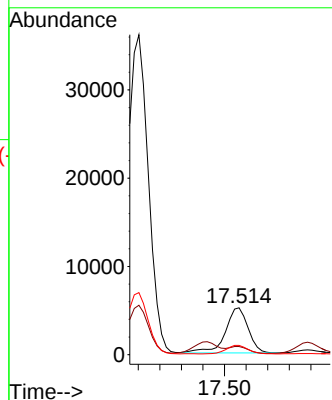
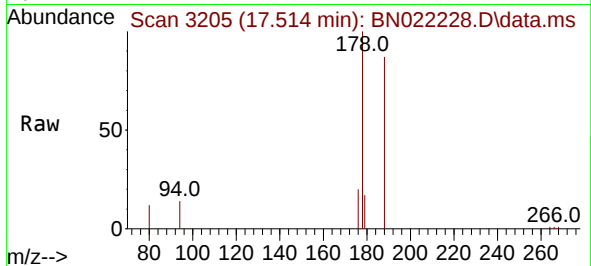




#16
 Anthracene
 Concen: 0.139 ng/ul
 RT: 17.514 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BN022228.D
 Acq: 20 Oct 2022 11:07

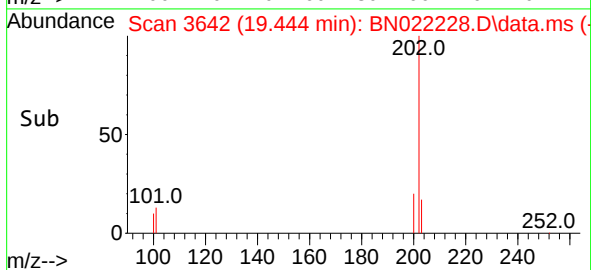
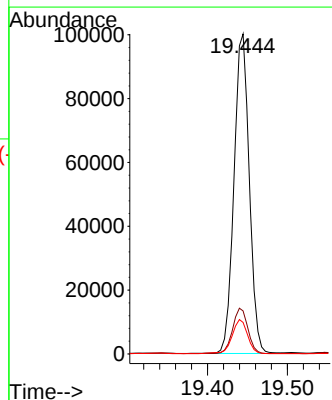
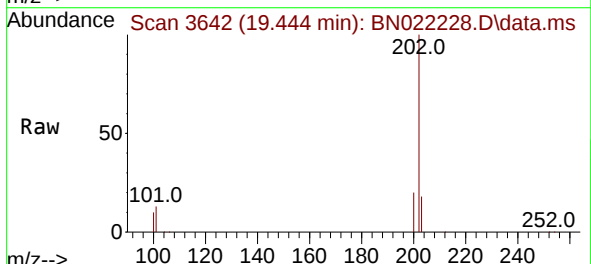
Instrument :
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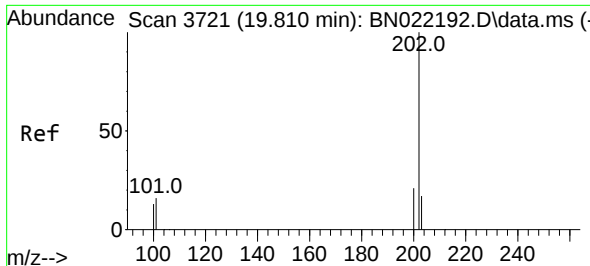
Tgt Ion:178 Resp: 7555
 Ion Ratio Lower Upper
 178 100
 179 17.5 12.6 18.8
 176 19.7 15.0 22.6



#19
 Fluoranthene
 Concen: 1.959 ng/ul
 RT: 19.444 min Scan# 3642
 Delta R.T. 0.001 min
 Lab File: BN022228.D
 Acq: 20 Oct 2022 11:07

Tgt Ion:202 Resp: 132801
 Ion Ratio Lower Upper
 202 100
 101 13.5 11.8 17.6
 100 9.8 8.7 13.1

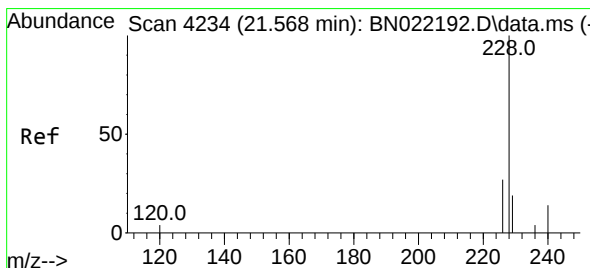
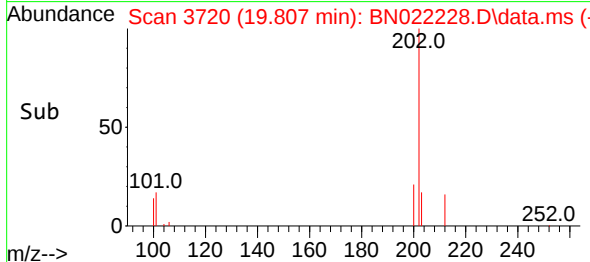
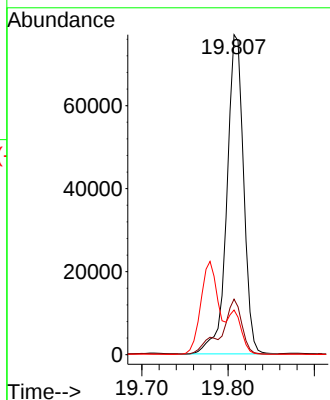
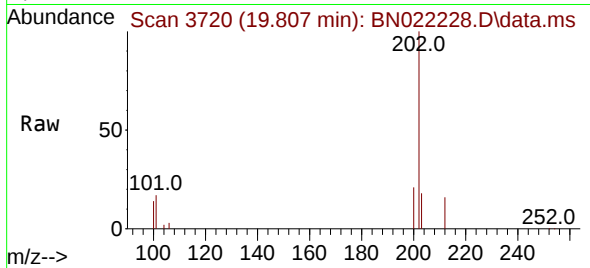




#20
Pyrene
Concen: 1.522 ng/ul
RT: 19.807 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN022228.D
Acq: 20 Oct 2022 11:07

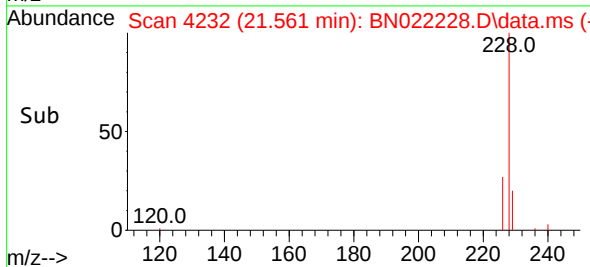
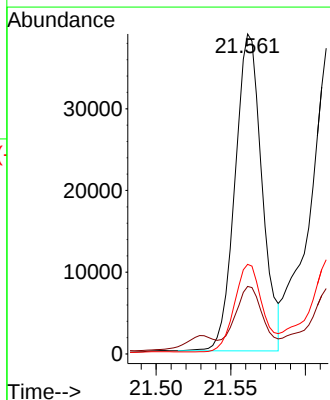
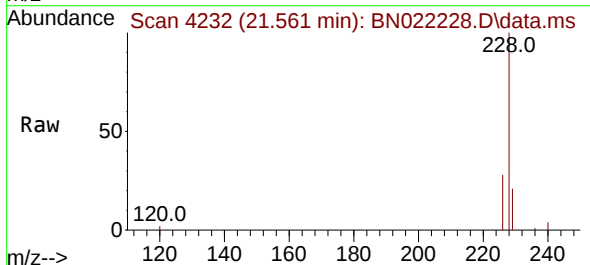
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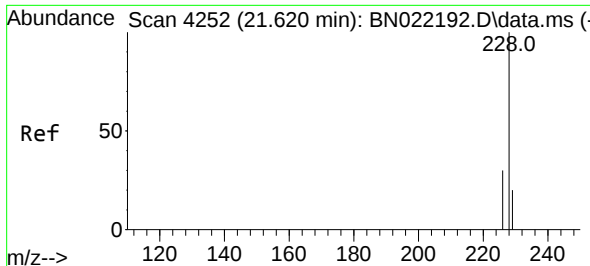
Tgt Ion:202 Resp: 103669
Ion Ratio Lower Upper
202 100
101 17.4 13.1 19.7
100 14.0 10.6 16.0



#21
Benzo(a)anthracene
Concen: 0.879 ng/ul
RT: 21.561 min Scan# 4232
Delta R.T. -0.006 min
Lab File: BN022228.D
Acq: 20 Oct 2022 11:07

Tgt Ion:228 Resp: 48744
Ion Ratio Lower Upper
228 100
229 21.1 15.7 23.5
226 28.0 21.5 32.3





#22

Chrysene

Concen: 0.993 ng/ul

RT: 21.617 min Scan# 4251

Delta R.T. -0.004 min

Lab File: BN022228.D

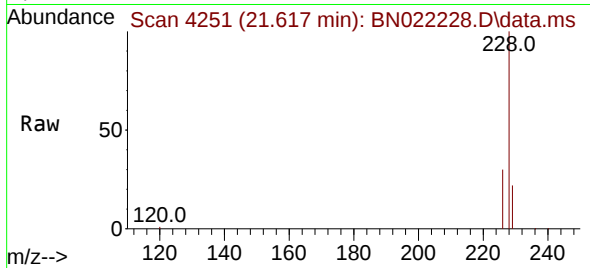
Acq: 20 Oct 2022 11:07

Instrument :

BNA_N

ClientSampleId :

C0BD1



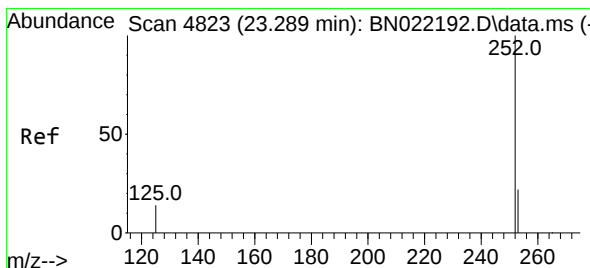
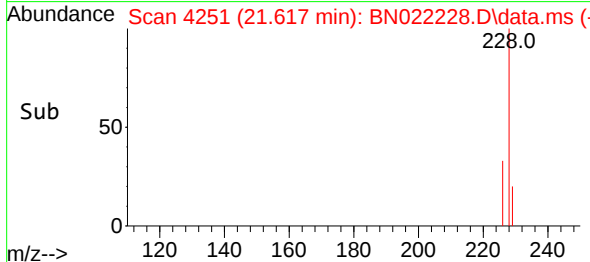
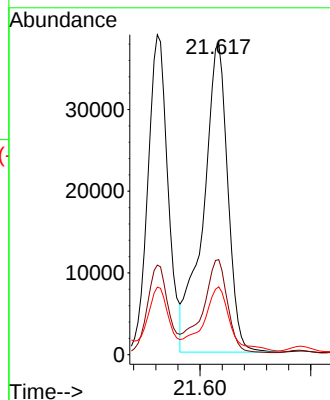
Tgt Ion:228 Resp: 58370

Ion Ratio Lower Upper

228 100

226 30.5 23.9 35.9

229 21.7 15.9 23.9



#24

Benzo(b)fluoranthene

Concen: 1.598 ng/ul

RT: 23.286 min Scan# 4822

Delta R.T. -0.004 min

Lab File: BN022228.D

Acq: 20 Oct 2022 11:07

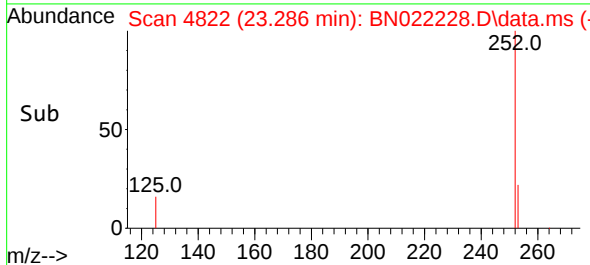
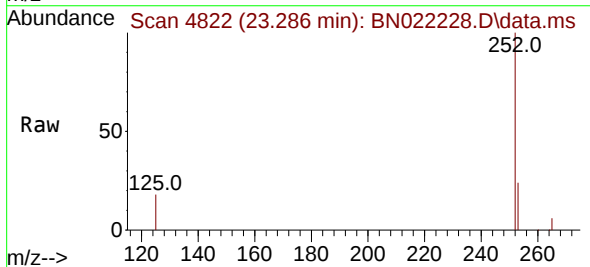
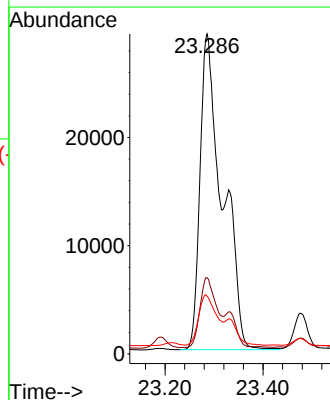
Tgt Ion:252 Resp: 92947

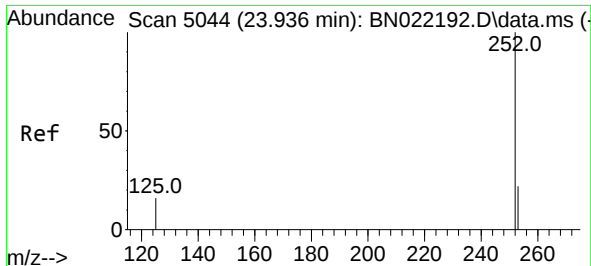
Ion Ratio Lower Upper

252 100

253 23.9 0.0 49.0

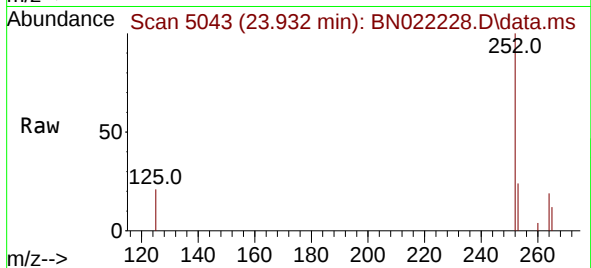
125 18.0 0.0 35.2



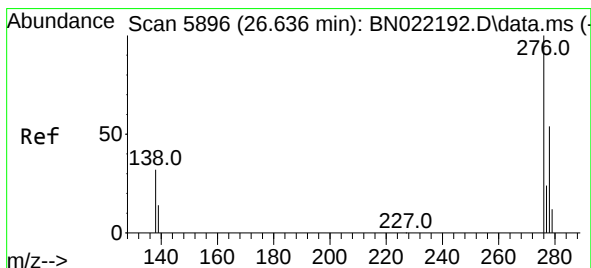
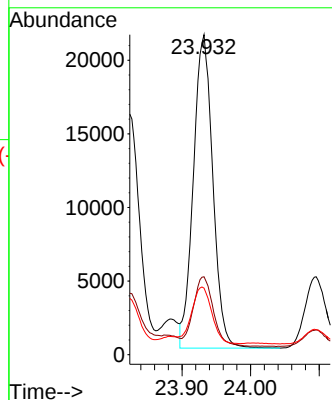
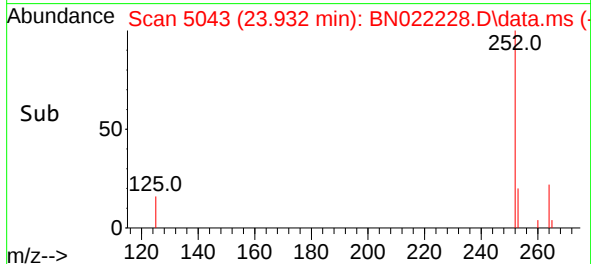


#26
Benzo(a)pyrene
Concen: 0.902 ng/ul
RT: 23.932 min Scan# 5043
Delta R.T. -0.004 min
Lab File: BN022228.D
Acq: 20 Oct 2022 11:07

Instrument :
BNA_N
ClientSampleId :
C0BD1

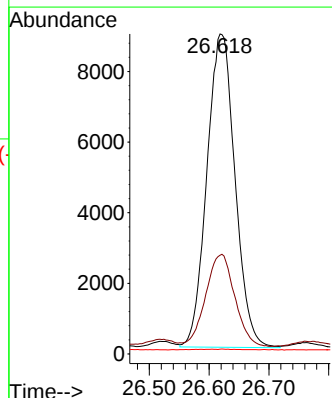
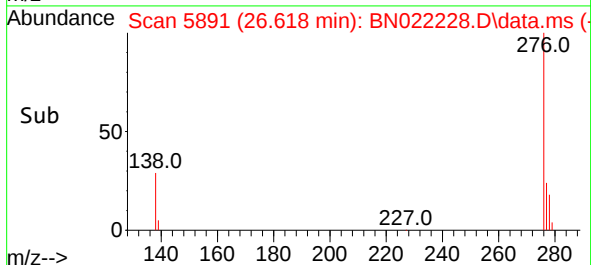
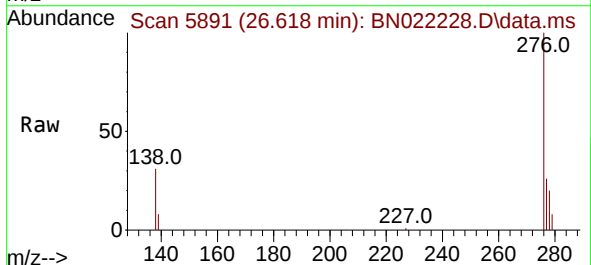


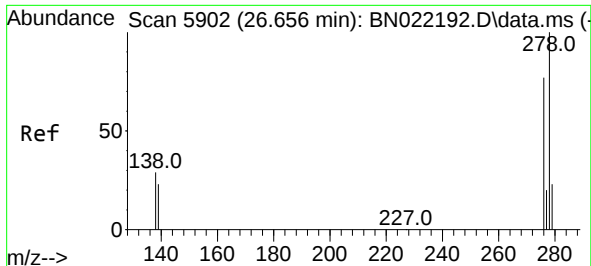
Tgt Ion:252 Resp: 41839
Ion Ratio Lower Upper
252 100
253 24.4 21.0 31.6
125 20.8 17.9 26.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.503 ng/ul
RT: 26.618 min Scan# 5891
Delta R.T. -0.017 min
Lab File: BN022228.D
Acq: 20 Oct 2022 11:07

Tgt Ion:276 Resp: 29029
Ion Ratio Lower Upper
276 100
138 30.4 27.7 41.5
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.171 ng/ul

RT: 26.635 min Scan# 5896

Delta R.T. -0.021 min

Lab File: BN022228.D

Acq: 20 Oct 2022 11:07

Instrument :

BNA_N

ClientSampleId :

C0BD1

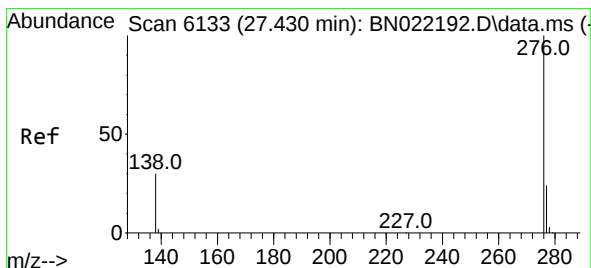
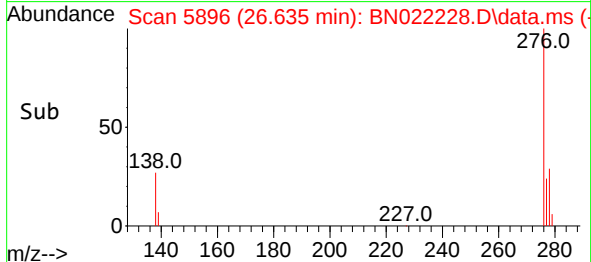
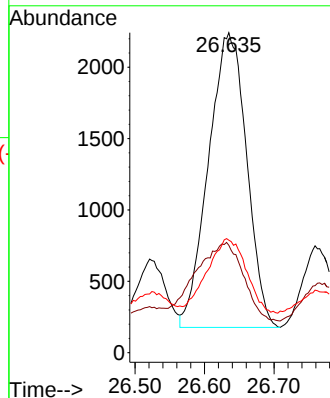
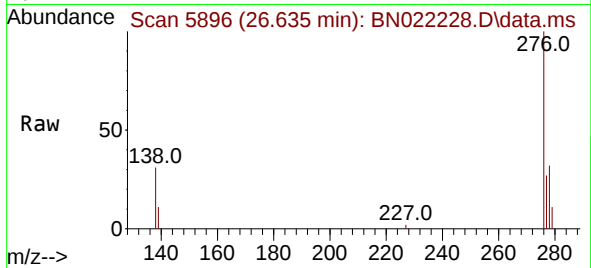
Tgt Ion:278 Resp: 7877

Ion Ratio Lower Upper

278 100

139 33.5 19.6 29.4#

279 35.1 20.6 30.8#



#29

Benzo(g,h,i)perylene

Concen: 0.525 ng/ul

RT: 27.420 min Scan# 6130

Delta R.T. -0.011 min

Lab File: BN022228.D

Acq: 20 Oct 2022 11:07

Tgt Ion:276 Resp: 24654

Ion Ratio Lower Upper

276 100

138 31.3 25.2 37.8

277 25.3 19.9 29.9

