

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062422\
 Data File : BN020386.D
 Acq On : 24 Jun 2022 08:11
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 25 00:54:17 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)

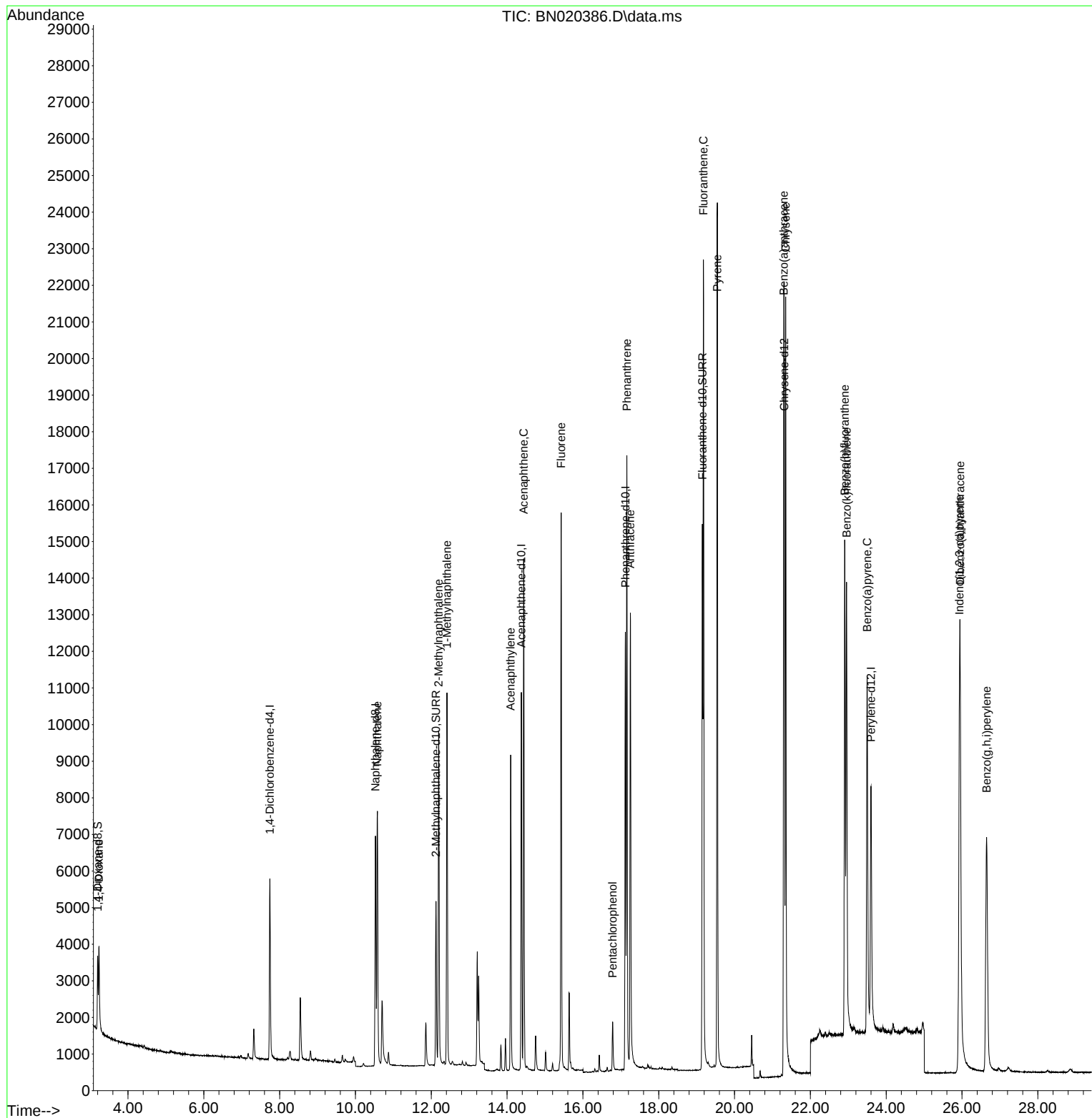
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	2919	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.529	136	8998	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.377	164	5897	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.120	188	14006	0.400	ng/ul	0.00
17) Chrysene-d12	21.314	240	12678	0.400	ng/ul	0.00
23) Perylene-d12	23.599	264	10268	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.201	96	1430	0.423	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.124	152	6245	0.423	ng/ul	0.00
18) Fluoranthene-d10	19.151	212	16645	0.398	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.235	88	1444	0.418	ng/ul	93
5) Naphthalene	10.579	128	10436	0.376	ng/ul	100
7) 2-Methylnaphthalene	12.195	142	6998	0.376	ng/ul	99
8) 1-Methylnaphthalene	12.415	142	7482	0.424	ng/ul	100
10) Acenaphthylene	14.095	152	10340	0.370	ng/ul	99
11) Acenaphthene	14.437	153	8438	0.377	ng/ul	99
12) Fluorene	15.427	166	10158	0.383	ng/ul	100
14) Pentachlorophenol	16.786	266	1072	0.380	ng/ul	99
15) Phenanthrene	17.158	178	18429	0.378	ng/ul	100
16) Anthracene	17.251	178	15713	0.374	ng/ul	99
19) Fluoranthene	19.178	202	20483	0.354	ng/ul	100
20) Pyrene	19.546	202	21634	0.360	ng/ul	99
21) Benzo(a)anthracene	21.296	228	16950	0.372	ng/ul	100
22) Chrysene	21.349	228	19287	0.381	ng/ul	100
24) Benzo(b)fluoranthene	22.906	252	17681	0.372	ng/ul	97
25) Benzo(k)fluoranthene	22.953	252	18130	0.378	ng/ul	99
26) Benzo(a)pyrene	23.497	252	16127	0.374	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.935	276	16893	0.393	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.948	278	13649	0.393	ng/ul	99
29) Benzo(g,h,i)perylene	26.649	276	14755	0.400	ng/ul	100

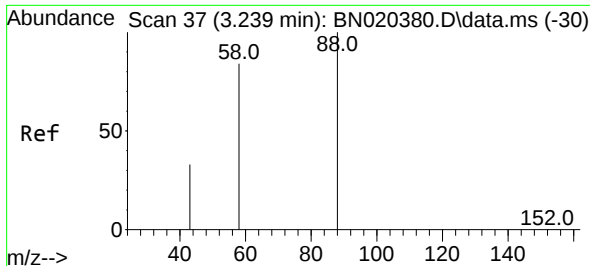
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.418 ng/ul

RT: 3.235 min Scan# 30

Delta R.T. -0.004 min

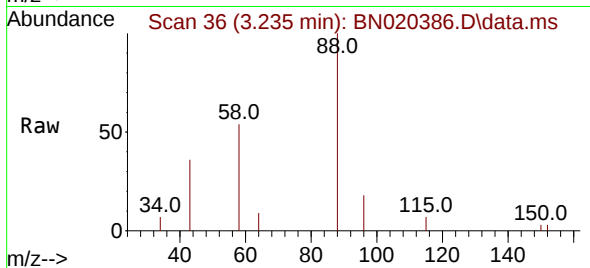
Lab File: BN020386.D

Acq: 24 Jun 2022 08:11

Instrument :

BNA_N

ClientSampleId :



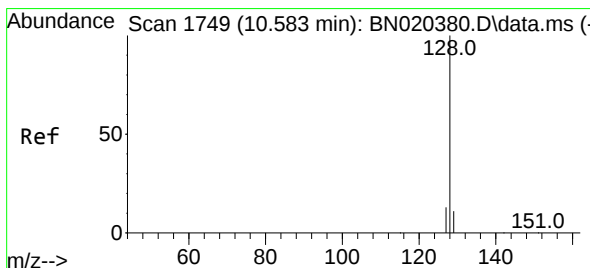
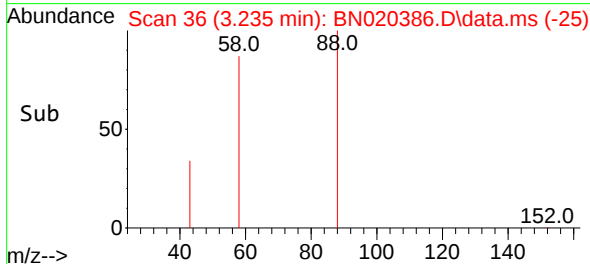
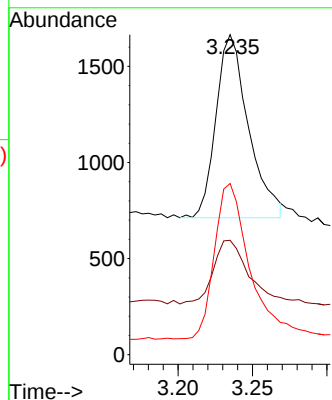
Tgt Ion: 88 Resp: 1444

Ion Ratio Lower Upper

88 100

43 35.7 32.5 48.7

58 53.5 46.2 69.2



#5

Naphthalene

Concen: 0.376 ng/ul

RT: 10.579 min Scan# 1748

Delta R.T. -0.004 min

Lab File: BN020386.D

Acq: 24 Jun 2022 08:11

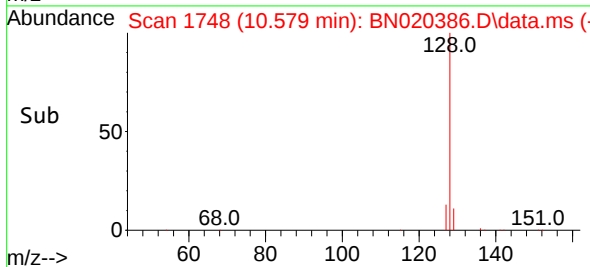
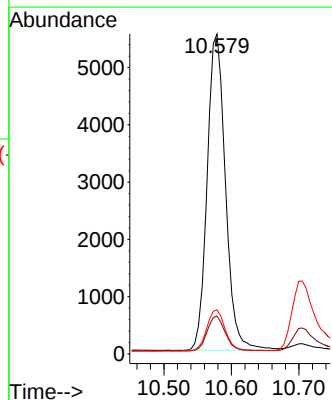
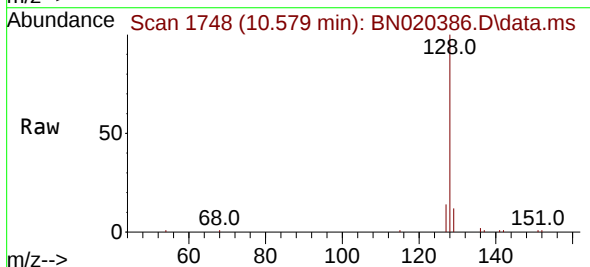
Tgt Ion: 128 Resp: 10436

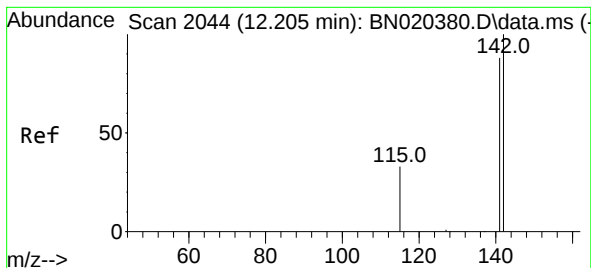
Ion Ratio Lower Upper

128 100

129 11.8 9.5 14.3

127 13.8 11.3 16.9





#7

2-Methylnaphthalene

Concen: 0.376 ng/ul

RT: 12.195 min Scan# 2042

Delta R.T. -0.010 min

Lab File: BN020386.D

Acq: 24 Jun 2022 08:11

Instrument :

BNA_N

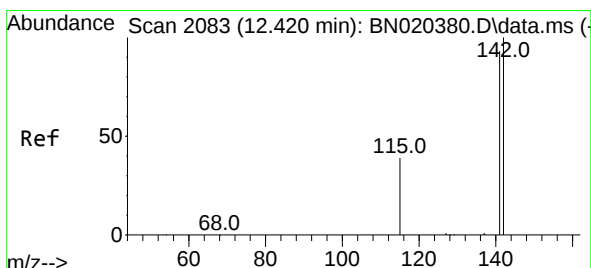
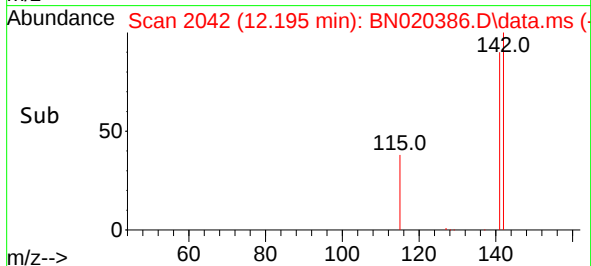
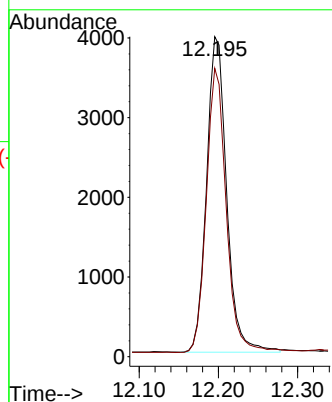
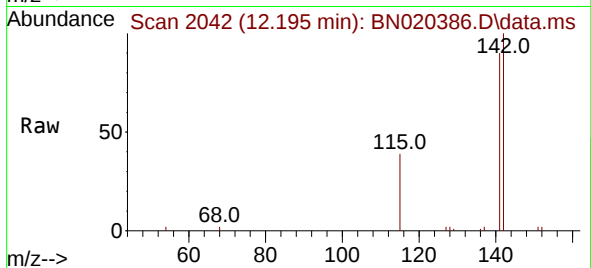
ClientSampleId :

Tgt Ion:142 Resp: 6998

Ion Ratio Lower Upper

142 100

141 89.1 72.1 108.1



#8

1-Methylnaphthalene

Concen: 0.424 ng/ul

RT: 12.415 min Scan# 2082

Delta R.T. -0.004 min

Lab File: BN020386.D

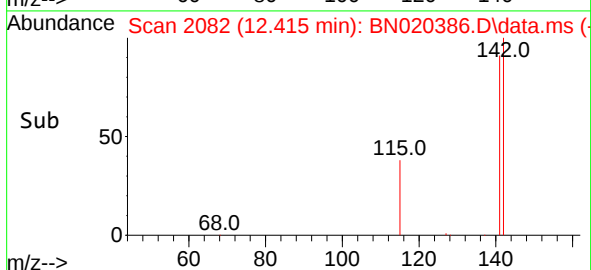
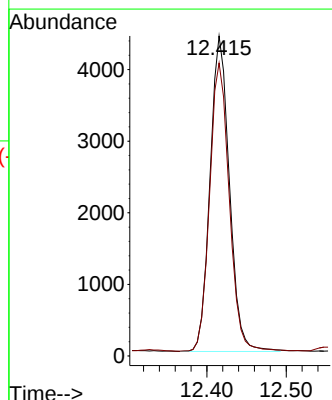
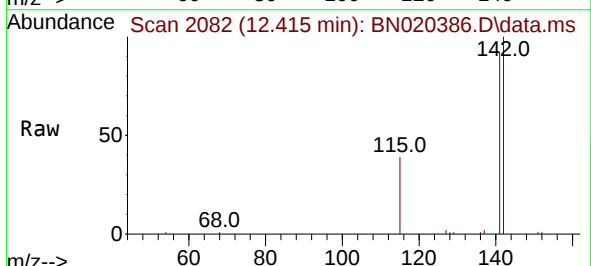
Acq: 24 Jun 2022 08:11

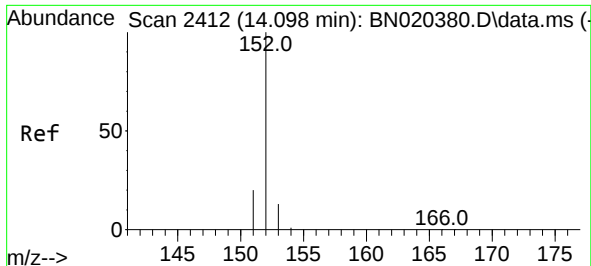
Tgt Ion:142 Resp: 7482

Ion Ratio Lower Upper

142 100

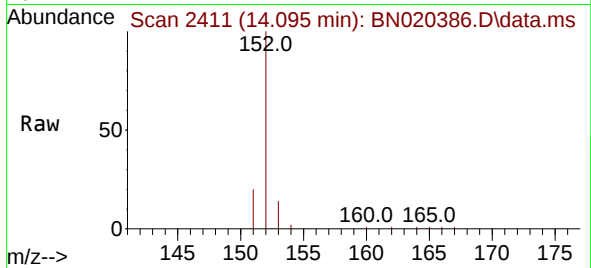
141 92.1 73.7 110.5



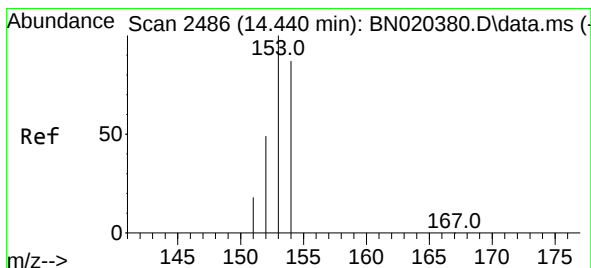
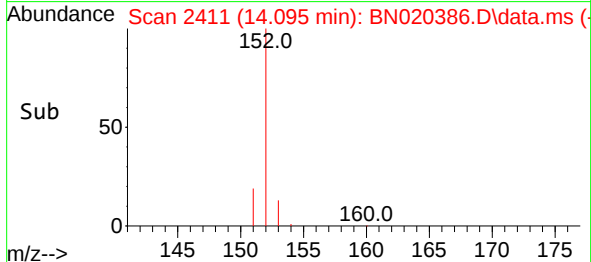
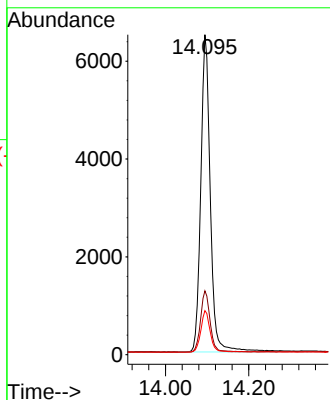


#10
Acenaphthylene
Concen: 0.370 ng/ul
RT: 14.095 min Scan# 2411
Delta R.T. -0.003 min
Lab File: BN020386.D
Acq: 24 Jun 2022 08:11

Instrument :
BNA_N
ClientSampleId :

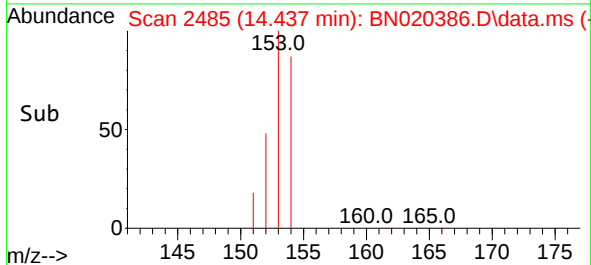
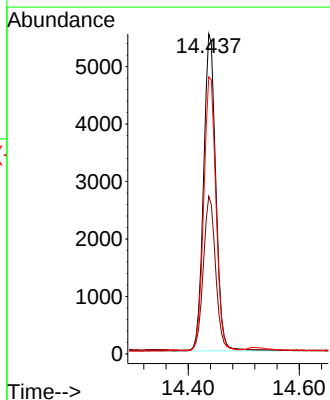
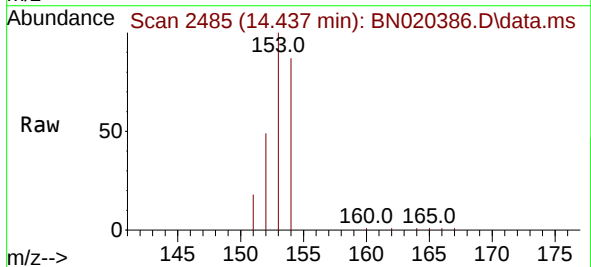


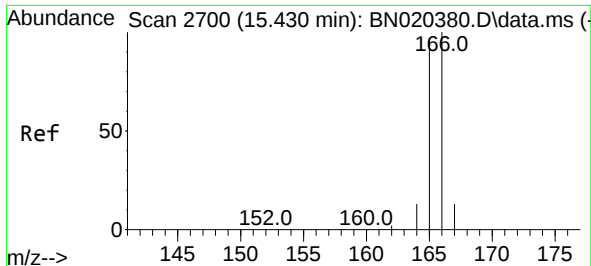
Tgt Ion:152 Resp: 10340
Ion Ratio Lower Upper
152 100
151 20.0 16.5 24.7
153 13.8 11.1 16.7



#11
Acenaphthene
Concen: 0.377 ng/ul
RT: 14.437 min Scan# 2485
Delta R.T. -0.003 min
Lab File: BN020386.D
Acq: 24 Jun 2022 08:11

Tgt Ion:153 Resp: 8438
Ion Ratio Lower Upper
153 100
152 49.2 40.0 60.0
154 86.6 70.0 105.0

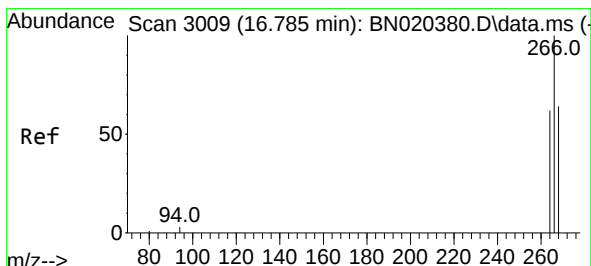
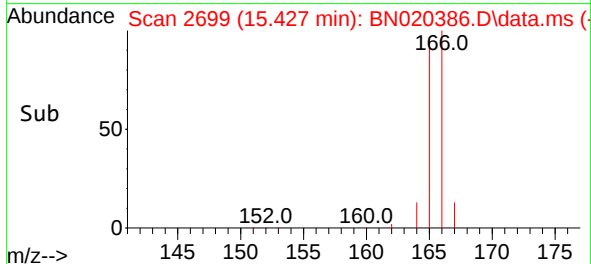
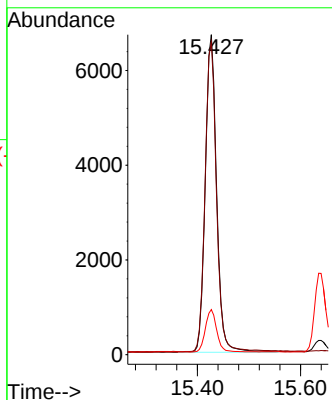
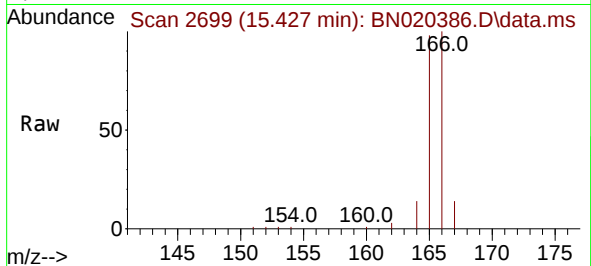




#12
Fluorene
Concen: 0.383 ng/ul
RT: 15.427 min Scan# 2699
Delta R.T. -0.003 min
Lab File: BN020386.D
Acq: 24 Jun 2022 08:11

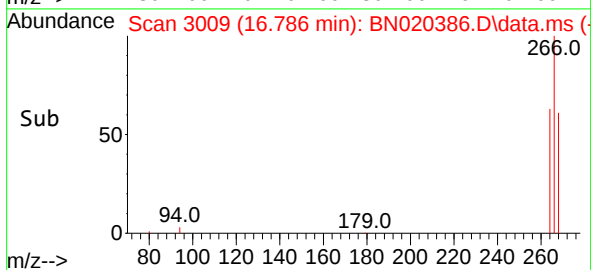
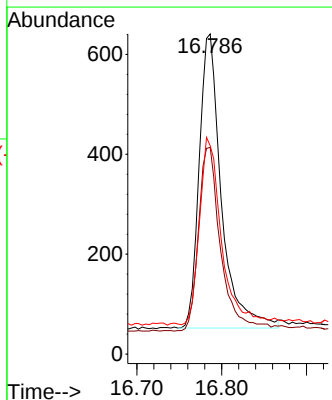
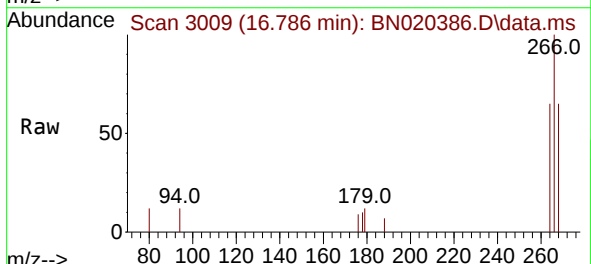
Instrument :
BNA_N
ClientSampleId :

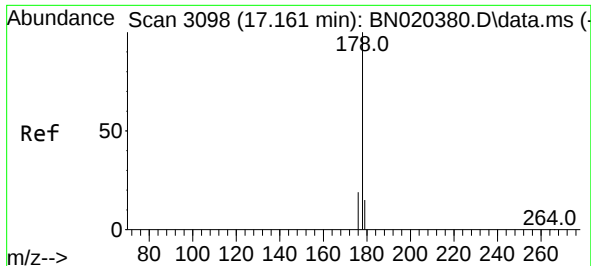
Tgt Ion:166 Resp: 10158
Ion Ratio Lower Upper
166 100
165 97.8 78.2 117.2
167 14.1 11.3 16.9



#14
Pentachlorophenol
Concen: 0.380 ng/ul
RT: 16.786 min Scan# 3009
Delta R.T. 0.001 min
Lab File: BN020386.D
Acq: 24 Jun 2022 08:11

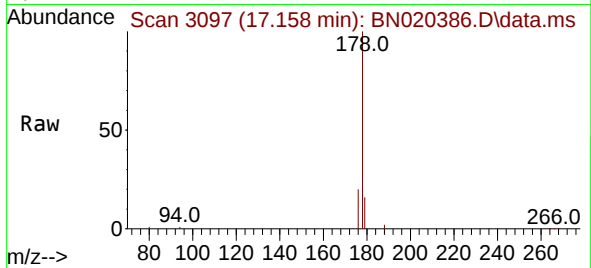
Tgt Ion:266 Resp: 1072
Ion Ratio Lower Upper
266 100
264 63.2 51.6 77.4
268 63.8 51.5 77.3



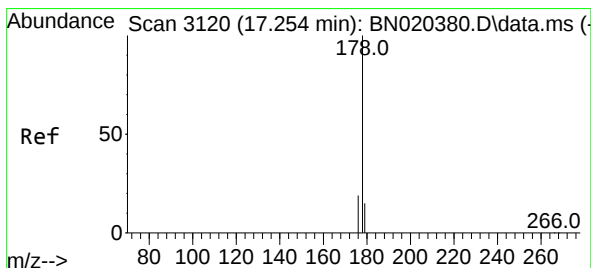
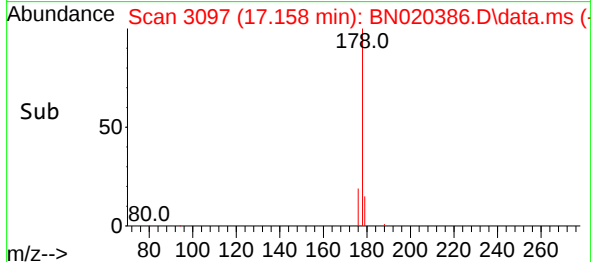
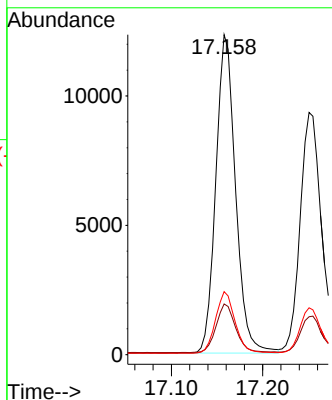


#15
Phenanthrene
Concen: 0.378 ng/ul
RT: 17.158 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BN020386.D
Acq: 24 Jun 2022 08:11

Instrument :
BNA_N
ClientSampleId :

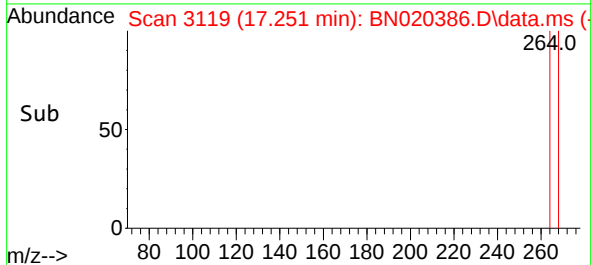
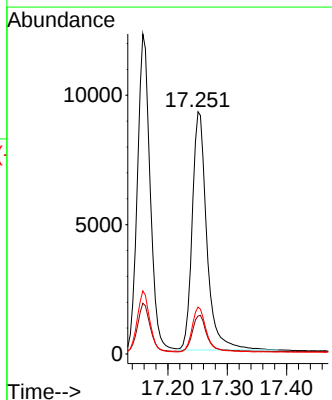
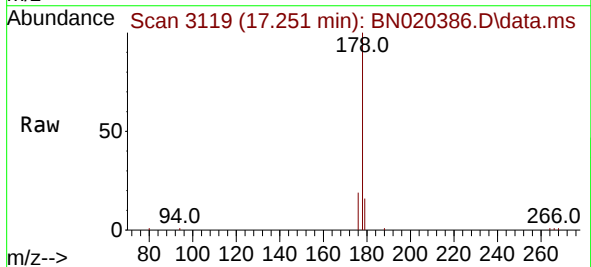


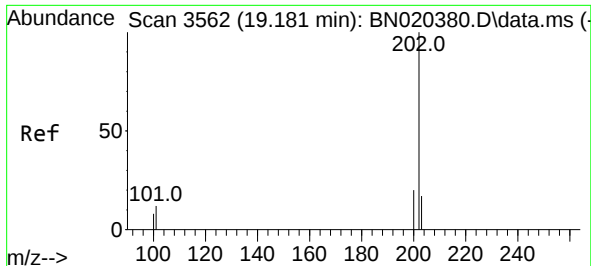
Tgt Ion:178 Resp: 18429
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.7 15.8 23.6



#16
Anthracene
Concen: 0.374 ng/ul
RT: 17.251 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BN020386.D
Acq: 24 Jun 2022 08:11

Tgt Ion:178 Resp: 15713
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 19.3 15.2 22.8

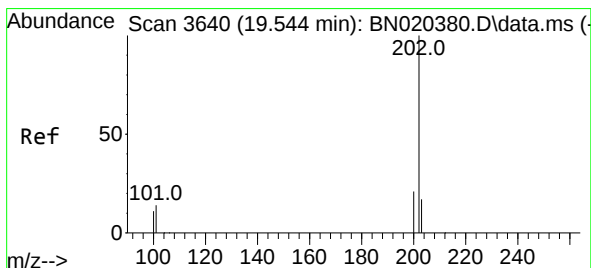
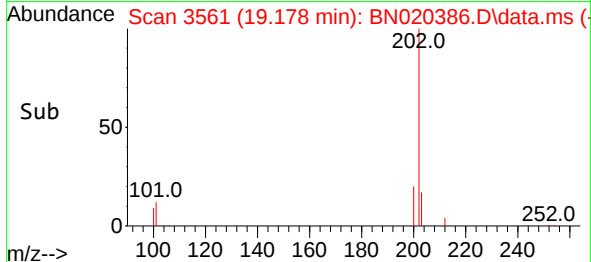
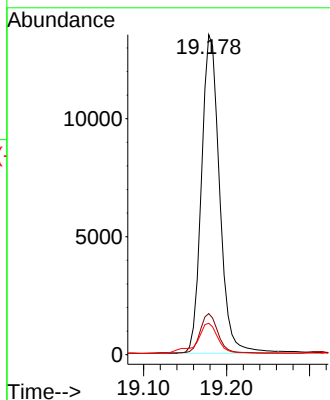
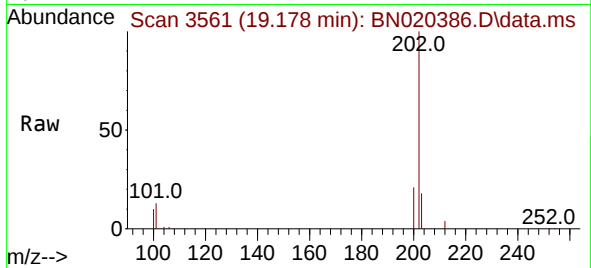




#19
Fluoranthene
Concen: 0.354 ng/ul
RT: 19.178 min Scan# 3561
Delta R.T. -0.003 min
Lab File: BN020386.D
Acq: 24 Jun 2022 08:11

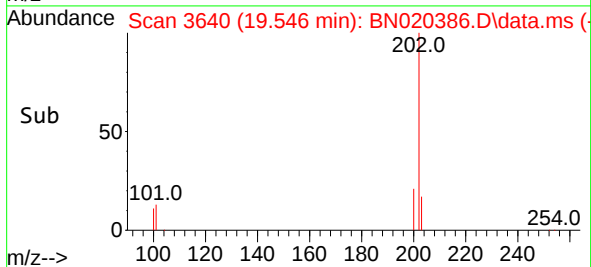
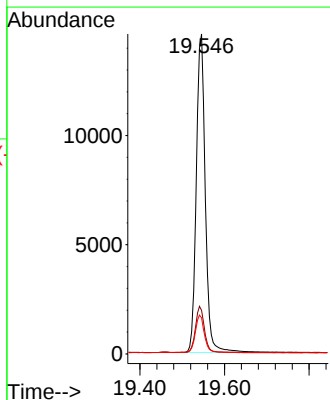
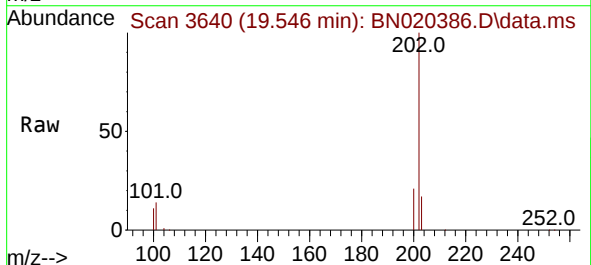
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BNA_N
ClientSampleId :

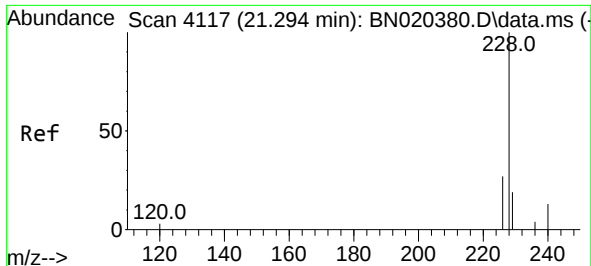
Tgt Ion:202 Resp: 20483
Ion Ratio Lower Upper
202 100
101 12.9 10.3 15.5
100 9.8 7.8 11.6



#20
Pyrene
Concen: 0.360 ng/ul
RT: 19.546 min Scan# 3640
Delta R.T. 0.002 min
Lab File: BN020386.D
Acq: 24 Jun 2022 08:11

Tgt Ion:202 Resp: 21634
Ion Ratio Lower Upper
202 100
101 13.7 11.6 17.4
100 11.3 9.2 13.8

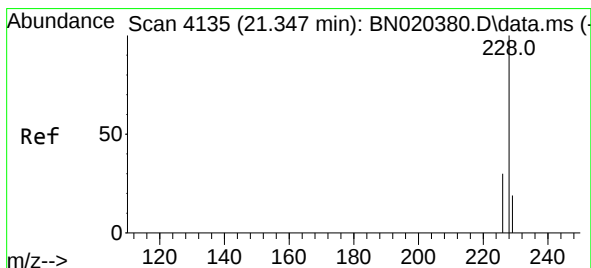
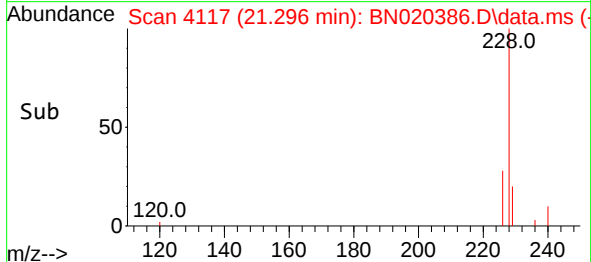
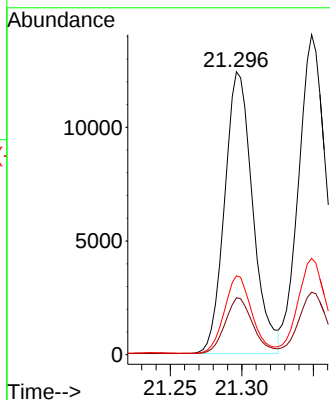
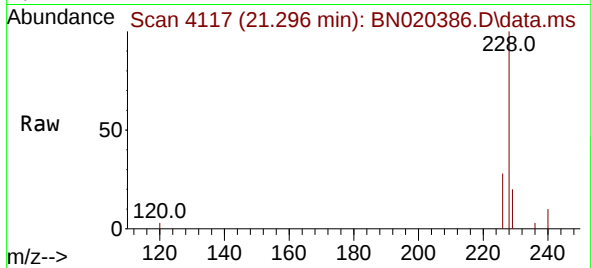




#21
Benzo(a)anthracene
Concen: 0.372 ng/ul
RT: 21.296 min Scan# 4117
Delta R.T. 0.002 min
Lab File: BN020386.D
Acq: 24 Jun 2022 08:11

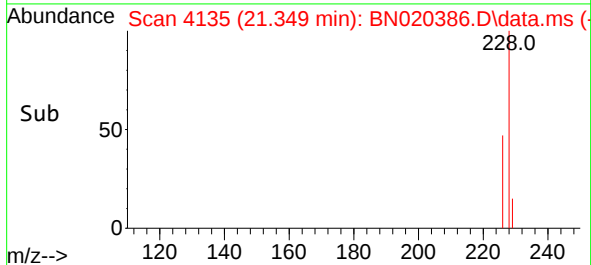
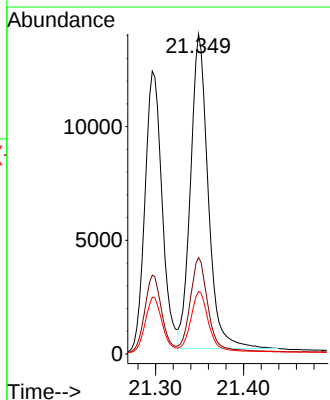
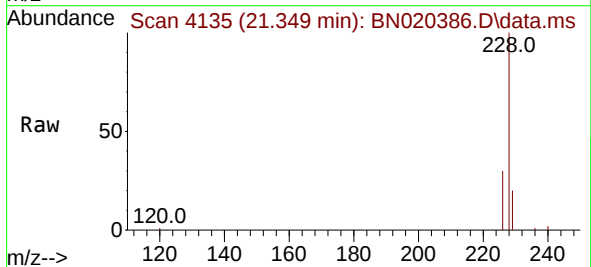
Instrument :
BNA_N
ClientSampleId :

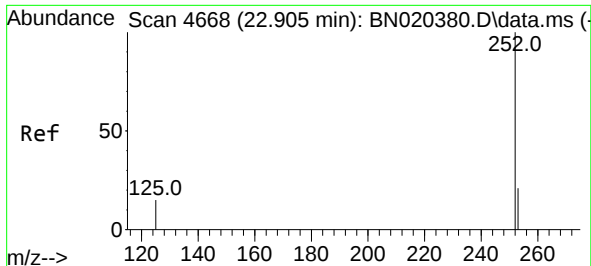
Tgt Ion:228 Resp: 16950
Ion Ratio Lower Upper
228 100
229 20.1 15.9 23.9
226 27.9 22.2 33.2



#22
Chrysene
Concen: 0.381 ng/ul
RT: 21.349 min Scan# 4135
Delta R.T. 0.002 min
Lab File: BN020386.D
Acq: 24 Jun 2022 08:11

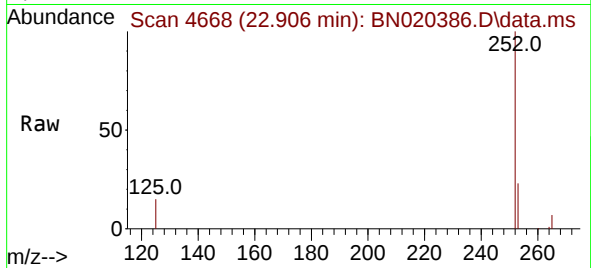
Tgt Ion:228 Resp: 19287
Ion Ratio Lower Upper
228 100
226 30.1 23.9 35.9
229 19.5 15.8 23.8



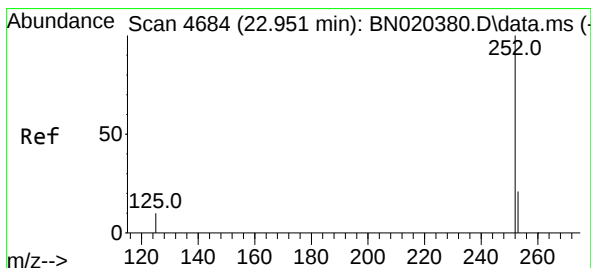
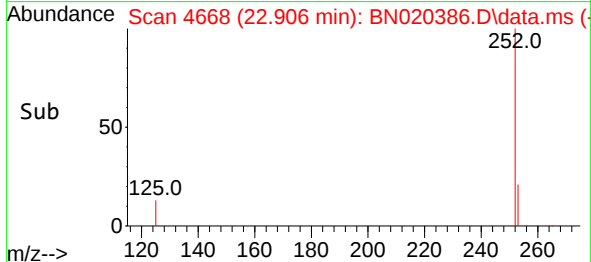
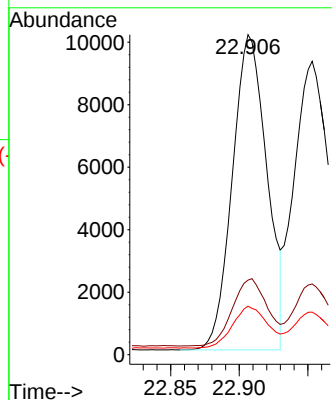


#24
Benzo(b)fluoranthene
Concen: 0.372 ng/ul
RT: 22.906 min Scan# 4668
Delta R.T. 0.002 min
Lab File: BN020386.D
Acq: 24 Jun 2022 08:11

Instrument :
BNA_N
ClientSampleId :

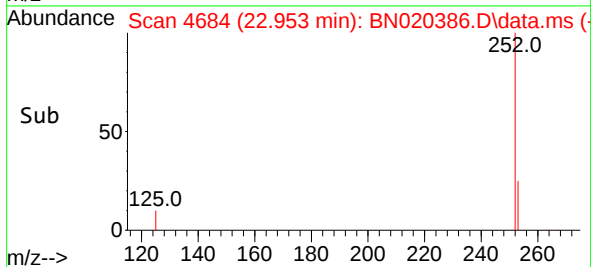
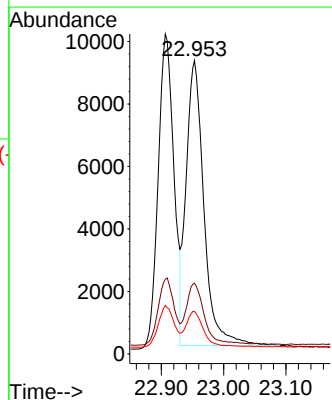
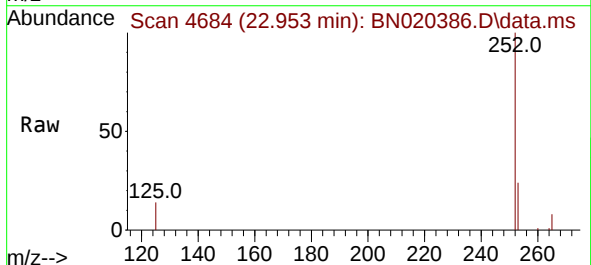


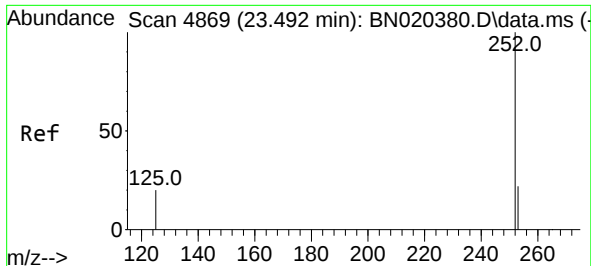
Tgt Ion:252 Resp: 17681
Ion Ratio Lower Upper
252 100
253 23.3 0.0 48.6
125 15.1 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.378 ng/ul
RT: 22.953 min Scan# 4684
Delta R.T. 0.002 min
Lab File: BN020386.D
Acq: 24 Jun 2022 08:11

Tgt Ion:252 Resp: 18130
Ion Ratio Lower Upper
252 100
253 24.1 19.7 29.5
125 14.5 12.0 18.0

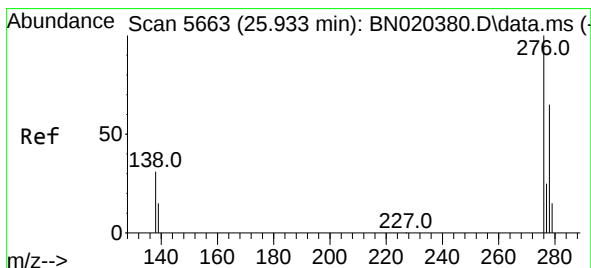
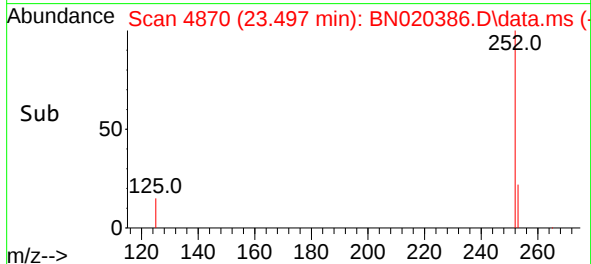
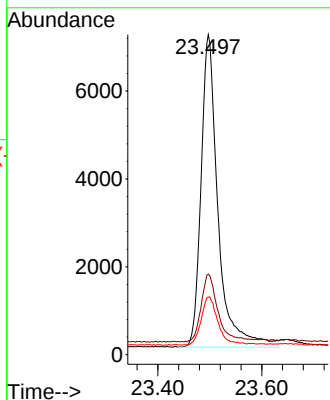
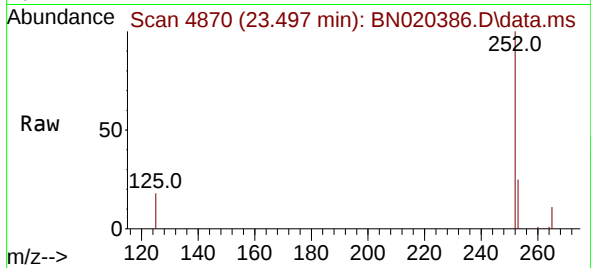




#26
Benzo(a)pyrene
Concen: 0.374 ng/ul
RT: 23.497 min Scan# 4869
Delta R.T. 0.005 min
Lab File: BN020386.D
Acq: 24 Jun 2022 08:11

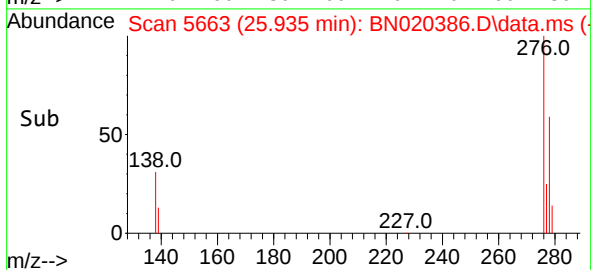
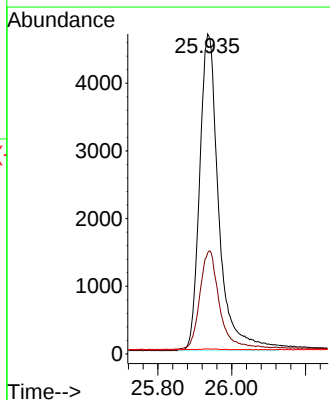
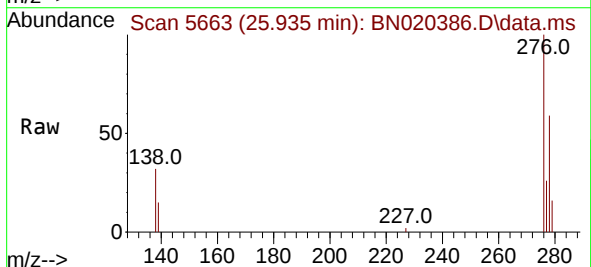
Instrument :
BNA_N
ClientSampleId :

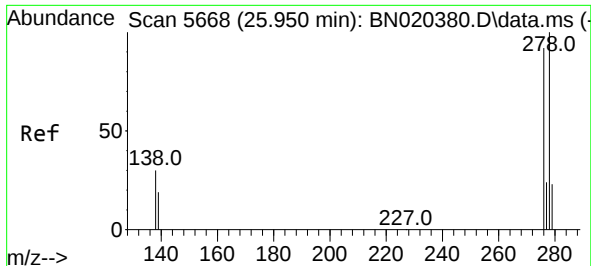
Tgt Ion:252 Resp: 16127
Ion Ratio Lower Upper
252 100
253 25.2 21.0 31.4
125 18.0 18.8 28.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng/ul
RT: 25.935 min Scan# 5663
Delta R.T. 0.002 min
Lab File: BN020386.D
Acq: 24 Jun 2022 08:11

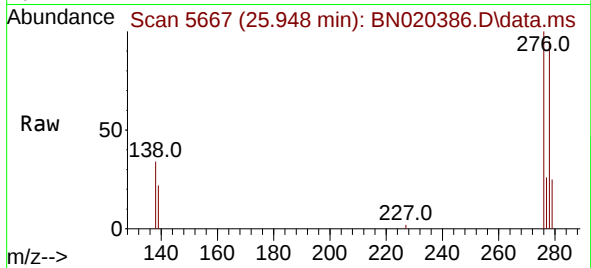
Tgt Ion:276 Resp: 16893
Ion Ratio Lower Upper
276 100
138 32.5 27.4 41.2
227 0.1 0.2 0.2#



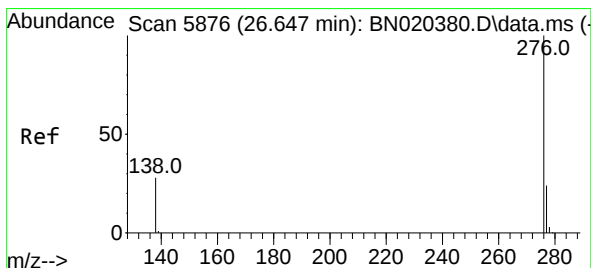
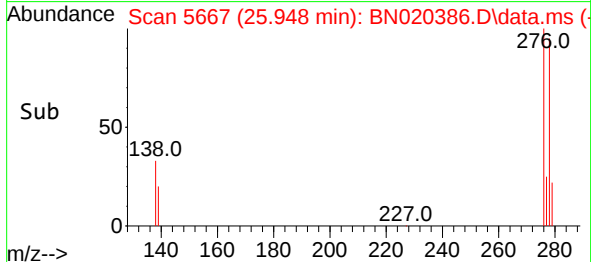
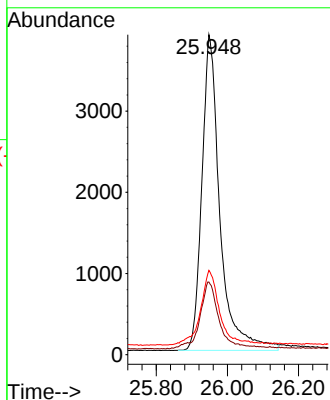


#28
 Dibenzo(a,h)anthracene
 Concen: 0.393 ng/ul
 RT: 25.948 min Scan# 5667
 Delta R.T. -0.002 min
 Lab File: BN020386.D
 Acq: 24 Jun 2022 08:11

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:278 Resp: 13649
 Ion Ratio Lower Upper
 278 100
 139 22.7 18.8 28.2
 279 26.3 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.400 ng/ul
 RT: 26.649 min Scan# 5876
 Delta R.T. 0.002 min
 Lab File: BN020386.D
 Acq: 24 Jun 2022 08:11

Tgt Ion:276 Resp: 14755
 Ion Ratio Lower Upper
 276 100
 138 29.3 23.5 35.3
 277 24.9 20.1 30.1

