

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081422\
 Data File : BN021218.D
 Acq On : 14 Aug 2022 15:36
 Operator : CG/JU
 Sample : PB146983BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS983

Quant Time: Aug 15 00:41:35 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 13 04:02:44 2022
 Response via : Initial Calibration

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

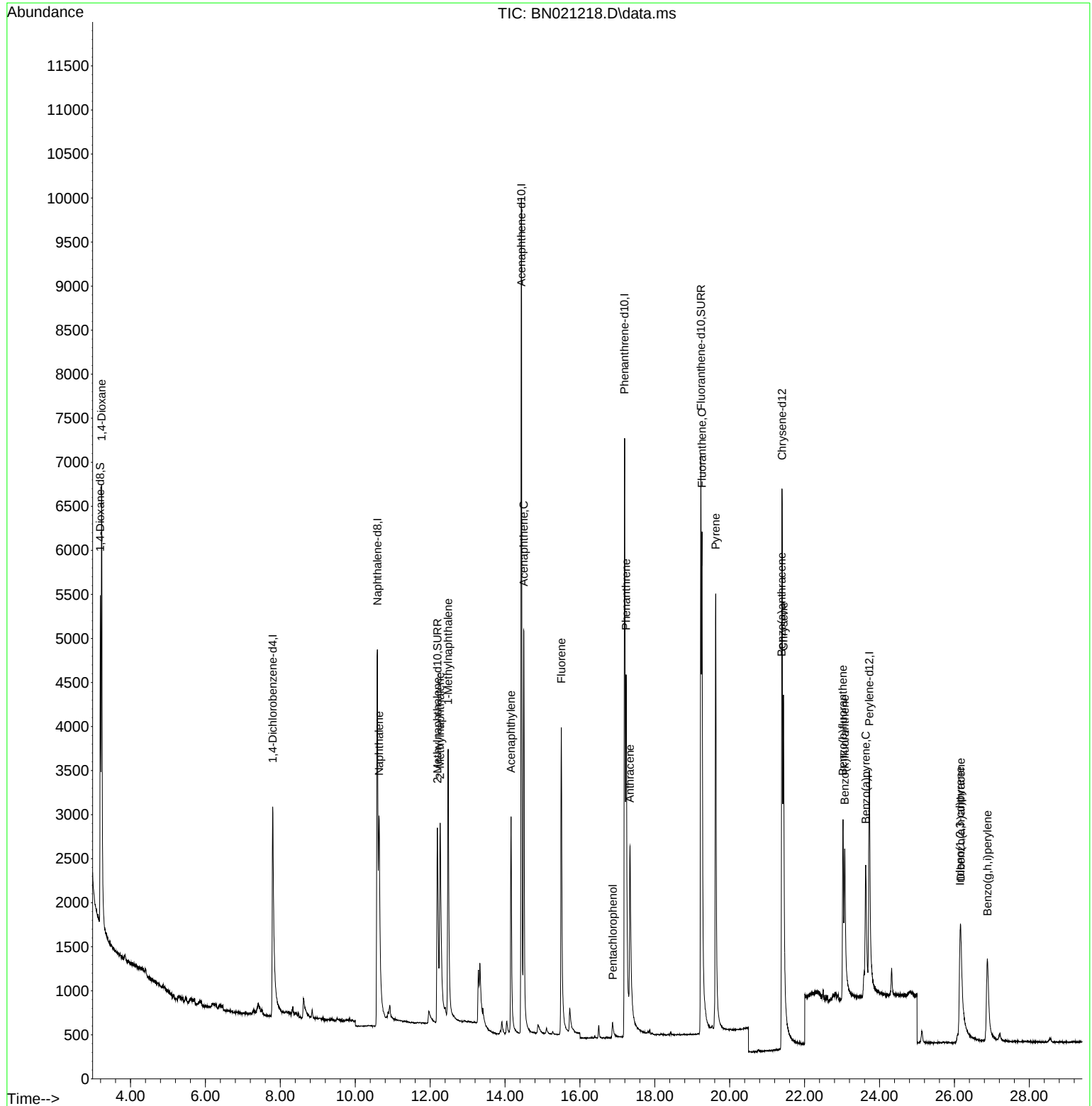
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	2485	0.400	ng/ul	0.00
4) Naphthalene-d8	10.591	136	9358	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.438	164	6129	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.193	188	10543	0.400	ng/ul	0.00
17) Chrysene-d12	21.401	240	6527	0.400	ng/ul	0.00
23) Perylene-d12	23.727	264	4393	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.194	96	2527	0.795	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.197	152	4775	0.348	ng/ul	0.01
18) Fluoranthene-d10	19.231	212	9273	0.460	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	3222	0.984	ng/ul	93
5) Naphthalene	10.640	128	4162	0.145	ng/ul	95
7) 2-Methylnaphthalene	12.268	142	2627	0.151	ng/ul	99
8) 1-Methylnaphthalene	12.483	142	3024	0.173	ng/ul	98
10) Acenaphthylene	14.161	152	3835	0.134	ng/ul	99
11) Acenaphthene	14.498	153	3263	0.138	ng/ul	99
12) Fluorene	15.502	166	3341	0.129	ng/ul	99
14) Pentachlorophenol	16.876	266	207	0.127	ng/ul	92
15) Phenanthrene	17.235	178	5254	0.139	ng/ul	98
16) Anthracene	17.336	178	3909	0.134	ng/ul	96
19) Fluoranthene	19.259	202	5678	0.197	ng/ul#	94
20) Pyrene	19.626	202	5943	0.199	ng/ul#	94
21) Benzo(a)anthracene	21.386	228	2921	0.137	ng/ul	97
22) Chrysene	21.436	228	4279	0.153	ng/ul	97
24) Benzo(b)fluoranthene	23.026	252	2899	0.143	ng/ul	77
25) Benzo(k)fluoranthene	23.072	252	3038	0.142	ng/ul#	84
26) Benzo(a)pyrene	23.634	252	2806	0.151	ng/ul#	57
27) Indeno(1,2,3-cd)pyrene	26.152	276	2897	0.131	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.169	278	2162	0.124	ng/ul#	79
29) Benzo(g,h,i)perylene	26.883	276	2820	0.143	ng/ul#	89

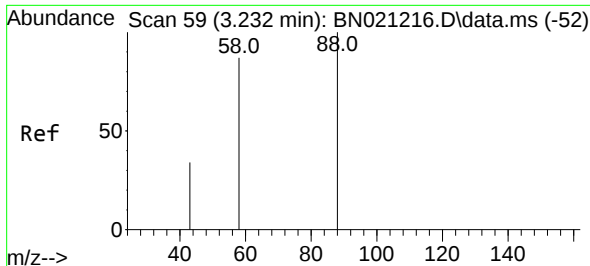
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081422\
Data File : BN021218.D
Acq On : 14 Aug 2022 15:36
Operator : CG/JU
Sample : PB146983BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS983

Quant Time: Aug 15 00:41:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 13 04:02:44 2022
Response via : Initial Calibration

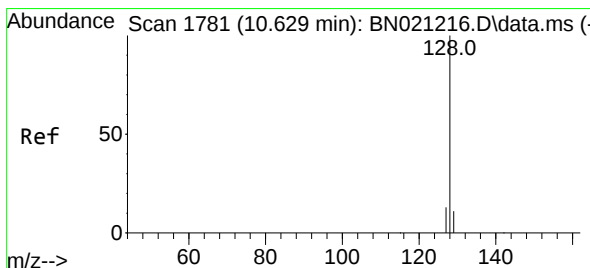
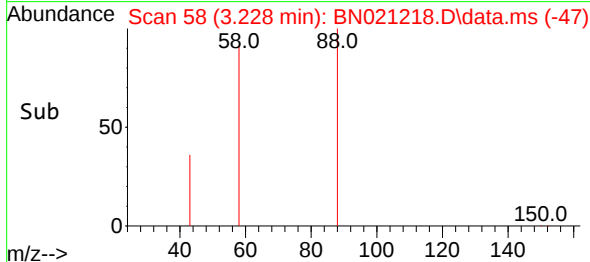
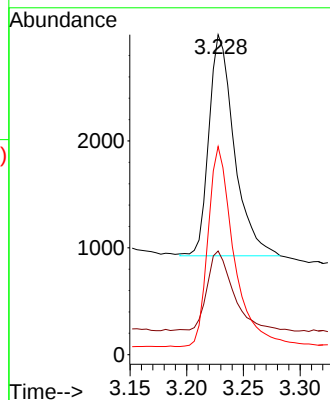
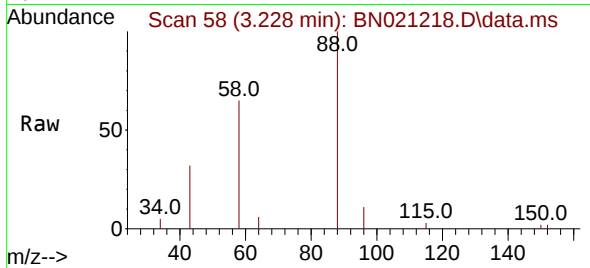




#2
1,4-Dioxane
Concen: 0.984 ng/ul
RT: 3.228 min Scan# 51
Delta R.T. -0.004 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

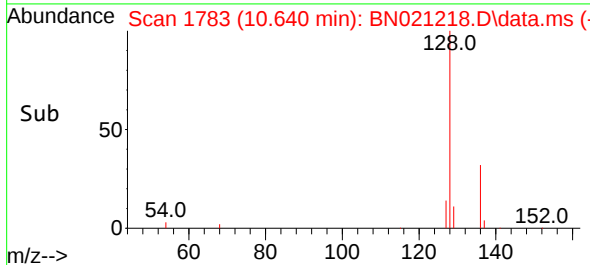
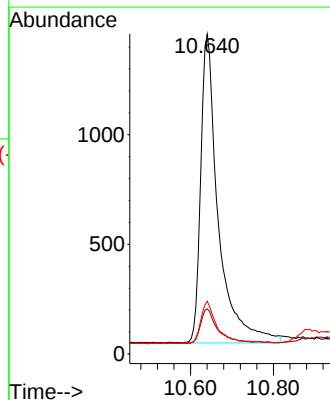
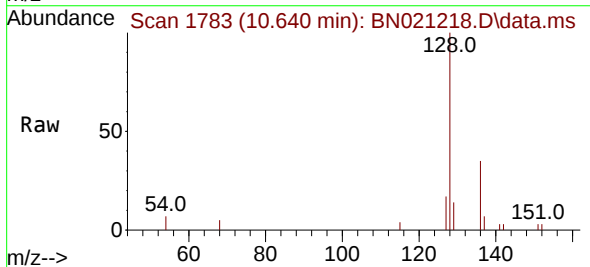
Instrument :
BNA_N
ClientSampleId :
SLCS983

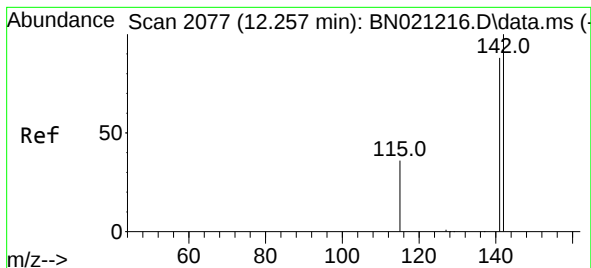
Tgt Ion: 88 Resp: 3222
Ion Ratio Lower Upper
88 100
43 32.4 31.4 47.0
58 65.0 49.0 73.6



#5
Naphthalene
Concen: 0.145 ng/ul
RT: 10.640 min Scan# 1783
Delta R.T. 0.011 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Tgt Ion:128 Resp: 4162
Ion Ratio Lower Upper
128 100
129 14.1 9.8 14.6
127 16.5 11.6 17.4





#7

2-Methylnaphthalene

Concen: 0.151 ng/ul

RT: 12.268 min Scan# 2077

Delta R.T. 0.011 min

Lab File: BN021218.D

Acq: 14 Aug 2022 15:36

Instrument :

BNA_N

ClientSampleId :

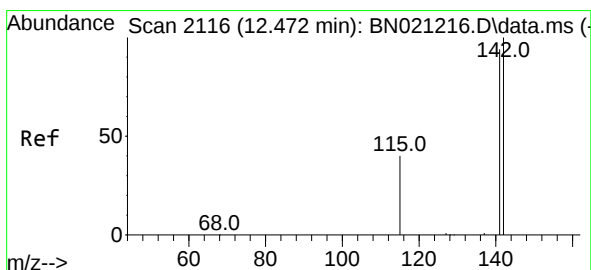
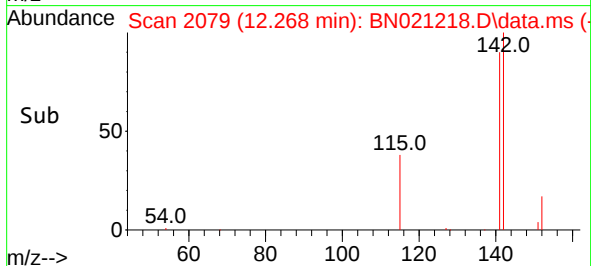
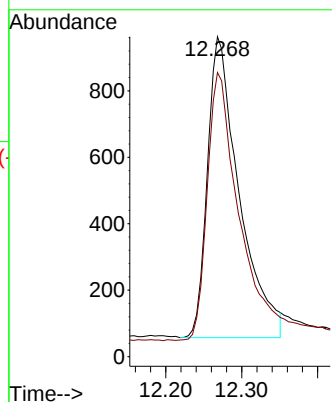
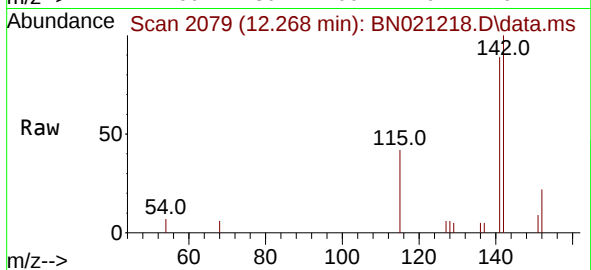
SLCS983

Tgt Ion:142 Resp: 2627

Ion Ratio Lower Upper

142 100

141 89.2 72.2 108.2



#8

1-Methylnaphthalene

Concen: 0.173 ng/ul

RT: 12.483 min Scan# 2118

Delta R.T. 0.006 min

Lab File: BN021218.D

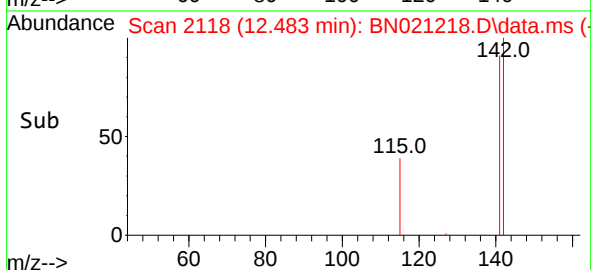
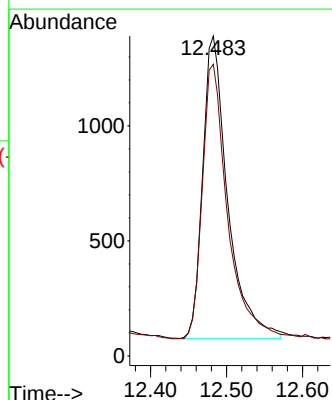
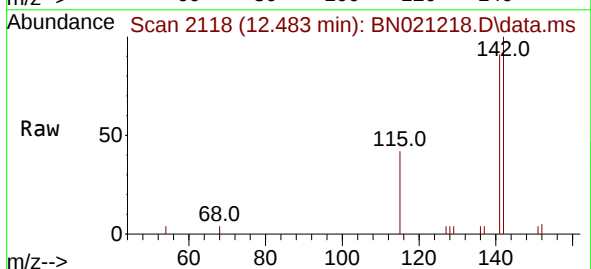
Acq: 14 Aug 2022 15:36

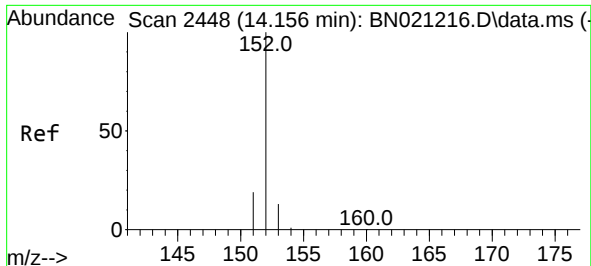
Tgt Ion:142 Resp: 3024

Ion Ratio Lower Upper

142 100

141 90.7 73.9 110.9

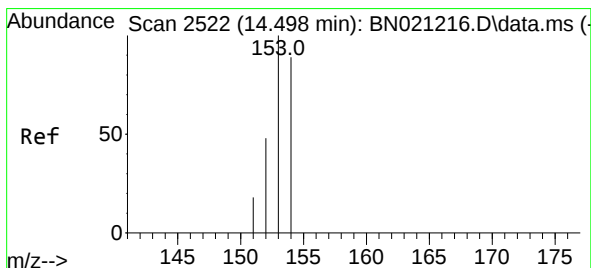
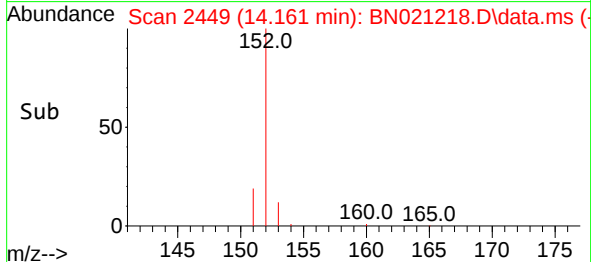
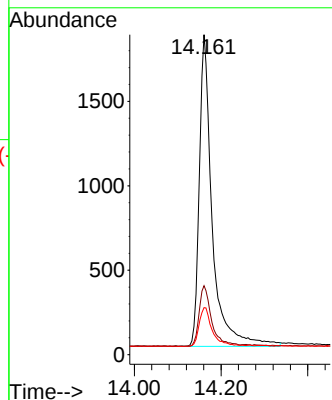
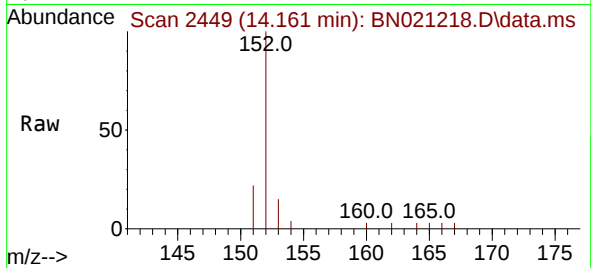




#10
Acenaphthylene
Concen: 0.134 ng/ul
RT: 14.161 min Scan# 2449
Delta R.T. 0.005 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

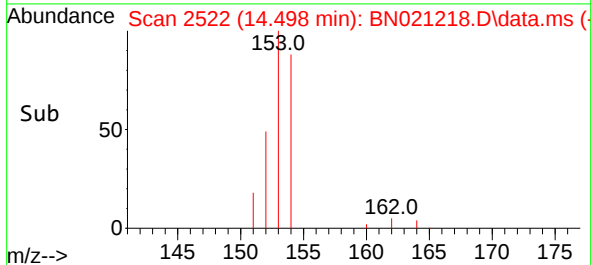
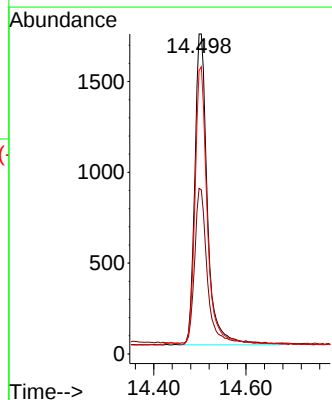
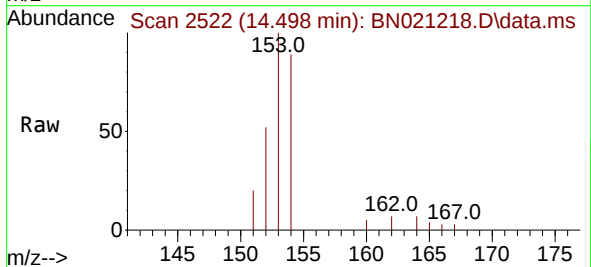
Instrument :
BNA_N
ClientSampleId :
SLCS983

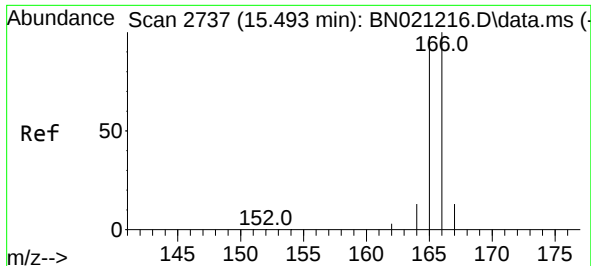
Tgt Ion:152 Resp: 3835
Ion Ratio Lower Upper
152 100
151 21.5 16.9 25.3
153 14.7 11.2 16.8



#11
Acenaphthene
Concen: 0.138 ng/ul
RT: 14.498 min Scan# 2522
Delta R.T. 0.000 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Tgt Ion:153 Resp: 3263
Ion Ratio Lower Upper
153 100
152 51.8 40.2 60.4
154 88.5 70.7 106.1

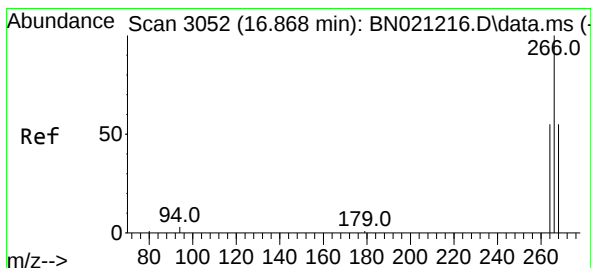
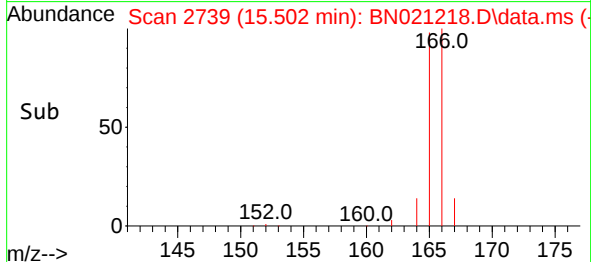
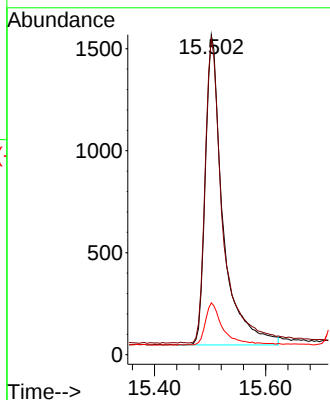
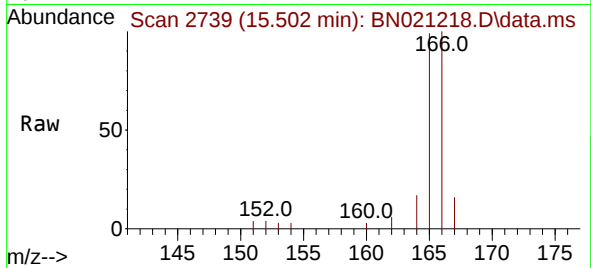




#12
Fluorene
Concen: 0.129 ng/ul
RT: 15.502 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

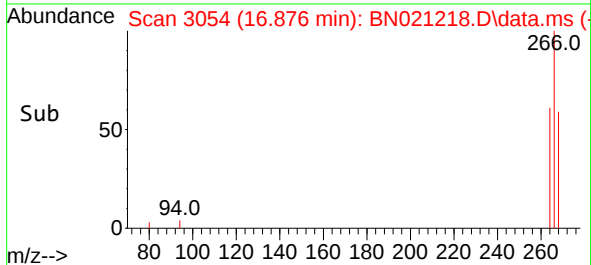
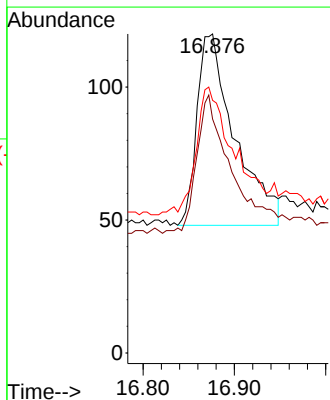
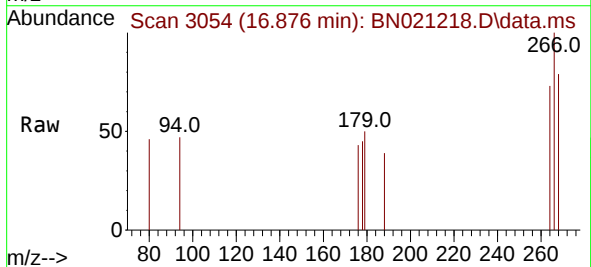
Instrument :
BNA_N
ClientSampleId :
SLCS983

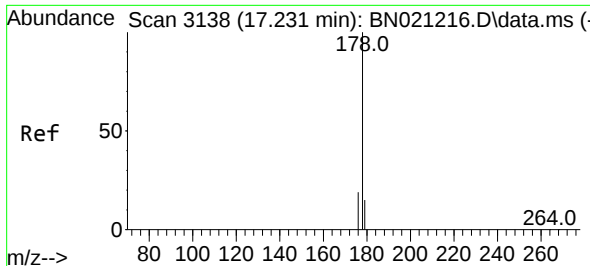
Tgt Ion:166 Resp: 3341
Ion Ratio Lower Upper
166 100
165 98.9 78.6 117.8
167 16.2 11.8 17.6



#14
Pentachlorophenol
Concen: 0.127 ng/ul
RT: 16.876 min Scan# 3054
Delta R.T. 0.013 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Tgt Ion:266 Resp: 207
Ion Ratio Lower Upper
266 100
264 67.1 49.8 74.8
268 70.0 50.6 75.8

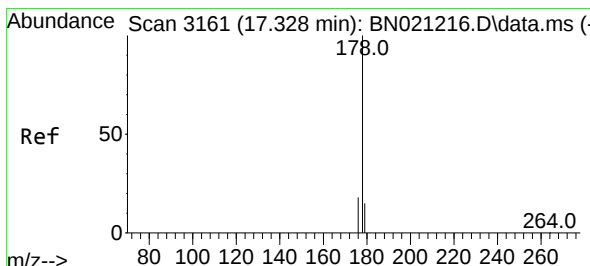
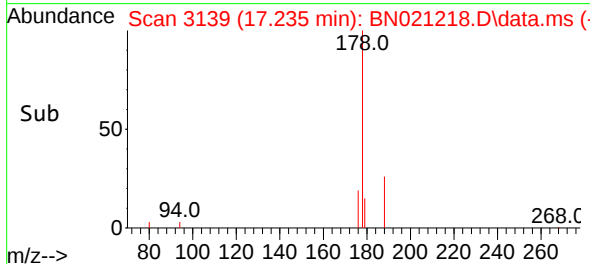
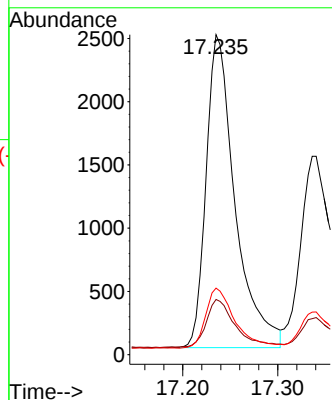
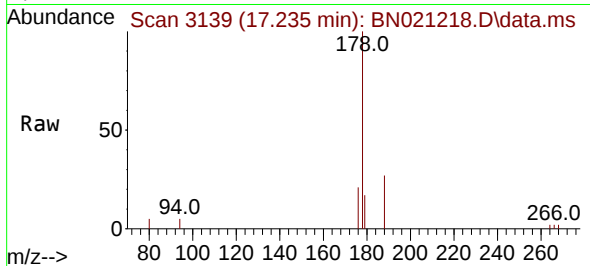




#15
Phenanthrene
Concen: 0.139 ng/u1
RT: 17.235 min Scan# 3138
Delta R.T. 0.004 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

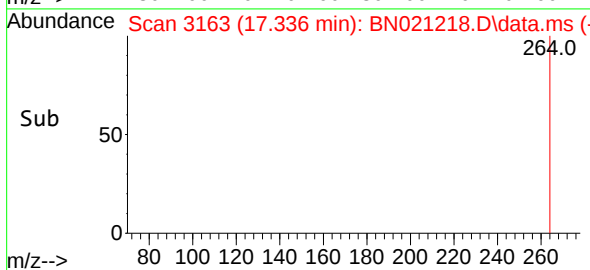
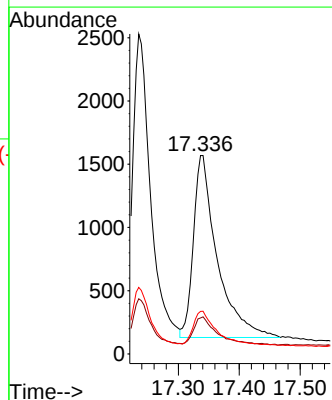
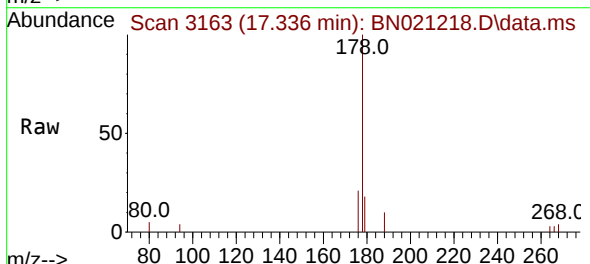
Instrument :
BNA_N
ClientSampleId :
SLCS983

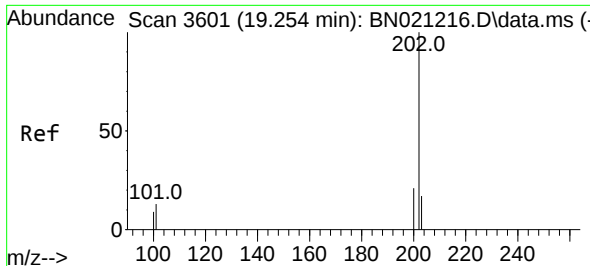
Tgt Ion:178 Resp: 5254
Ion Ratio Lower Upper
178 100
179 17.2 12.8 19.2
176 20.8 15.9 23.9



#16
Anthracene
Concen: 0.134 ng/u1
RT: 17.336 min Scan# 3163
Delta R.T. 0.009 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Tgt Ion:178 Resp: 3909
Ion Ratio Lower Upper
178 100
179 18.2 12.9 19.3
176 21.5 15.9 23.9

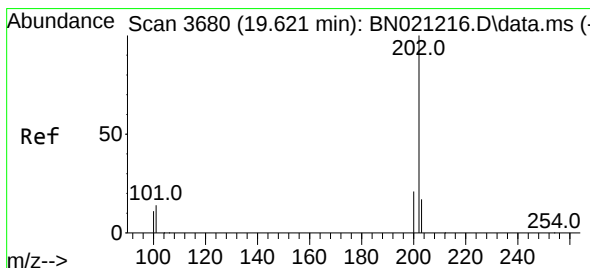
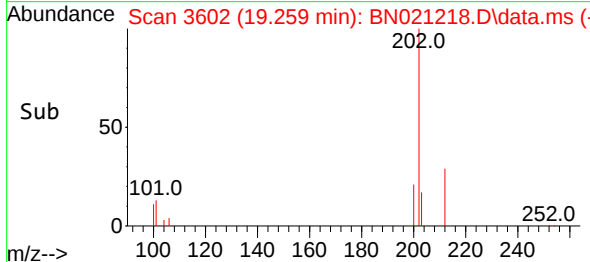
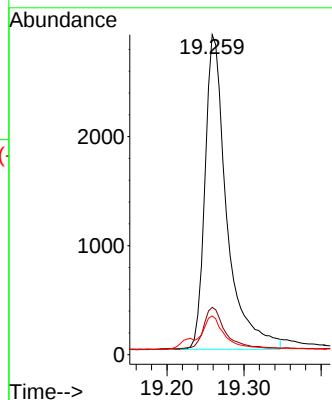
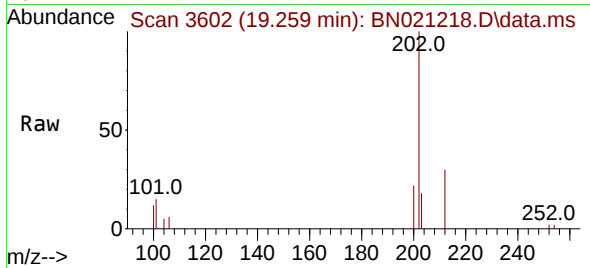




#19
Fluoranthene
Concen: 0.197 ng/ul
RT: 19.259 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

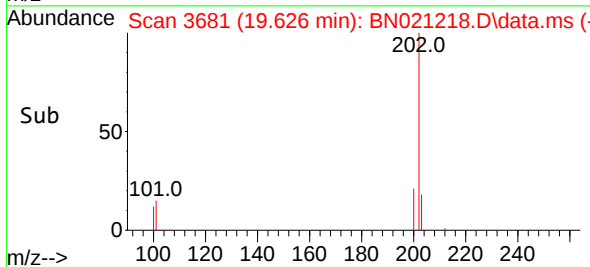
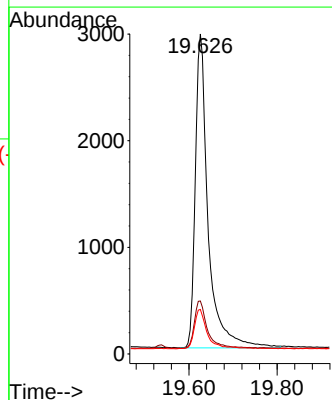
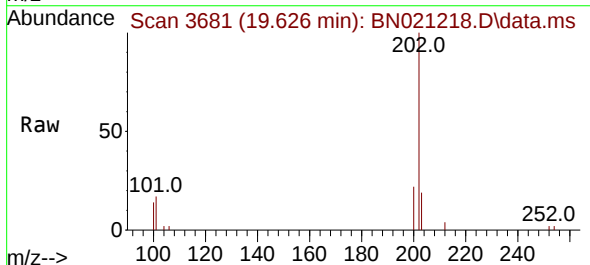
Instrument :
BNA_N
ClientSampleId :
SLCS983

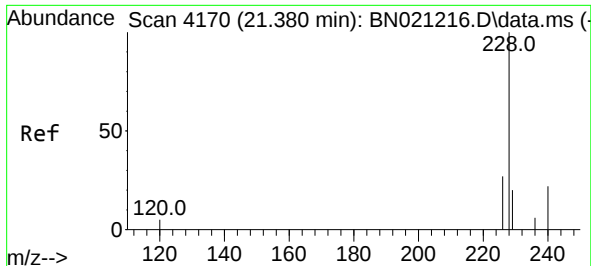
Tgt Ion:202 Resp: 5678
Ion Ratio Lower Upper
202 100
101 14.8 10.0 15.0
100 12.1 8.0 12.0#



#20
Pyrene
Concen: 0.199 ng/ul
RT: 19.626 min Scan# 3681
Delta R.T. 0.005 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Tgt Ion:202 Resp: 5943
Ion Ratio Lower Upper
202 100
101 16.5 11.3 16.9
100 13.9 9.0 13.4#

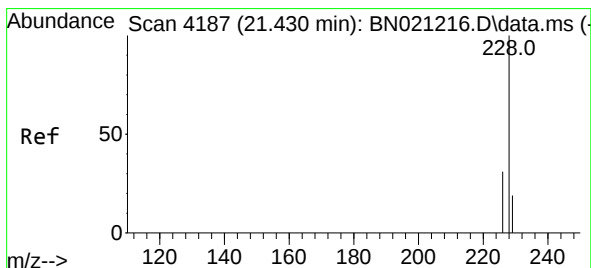
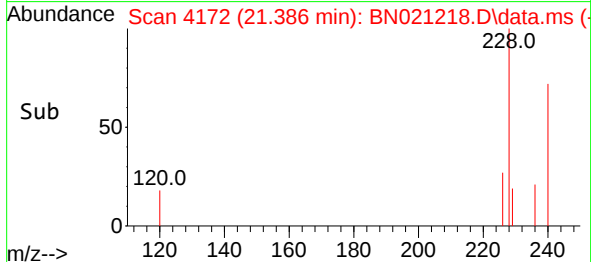
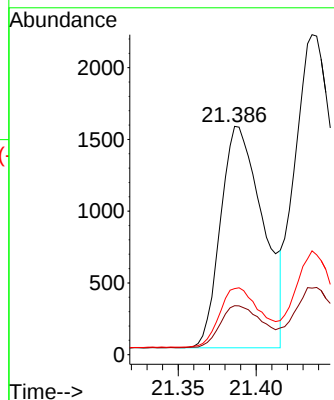
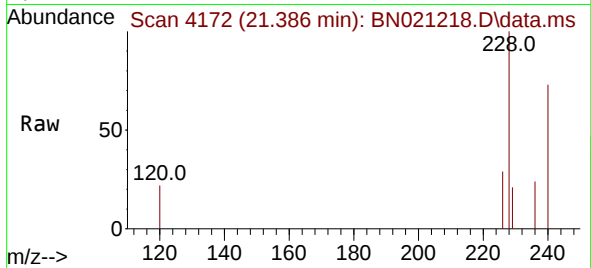




#21
Benzo(a)anthracene
Concen: 0.137 ng/ul
RT: 21.386 min Scan# 4170
Delta R.T. 0.006 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

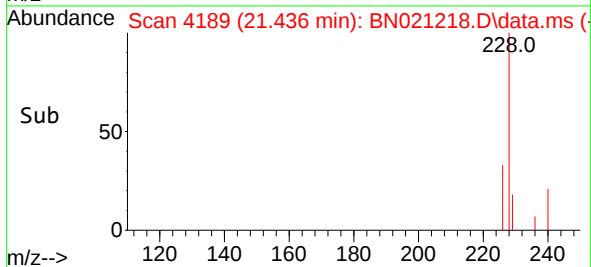
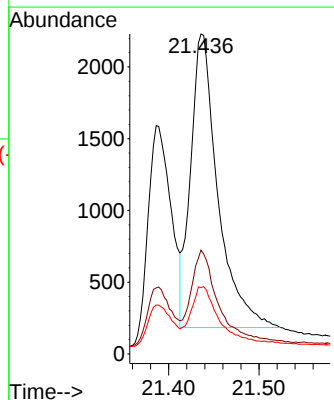
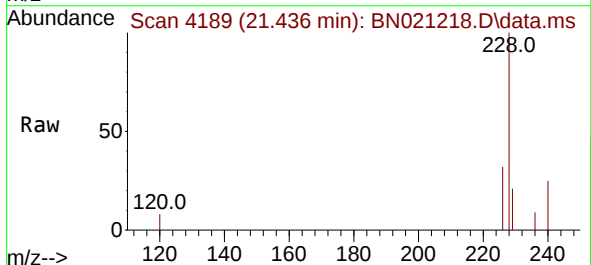
Instrument :
BNA_N
ClientSampleId :
SLCS983

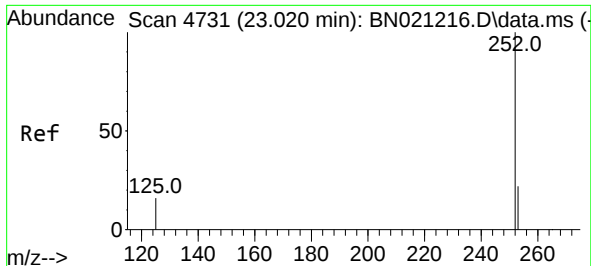
Tgt Ion:228 Resp: 2921
Ion Ratio Lower Upper
228 100
229 21.4 16.0 24.0
226 29.0 21.9 32.9



#22
Chrysene
Concen: 0.153 ng/ul
RT: 21.436 min Scan# 4189
Delta R.T. 0.006 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Tgt Ion:228 Resp: 4279
Ion Ratio Lower Upper
228 100
226 32.5 24.6 37.0
229 20.8 15.8 23.8

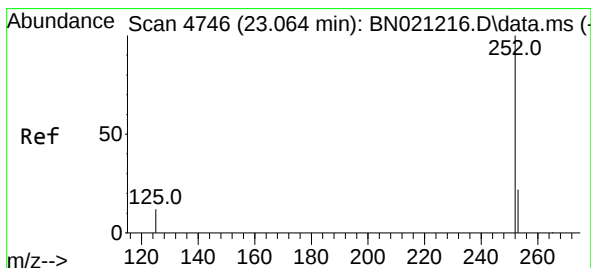
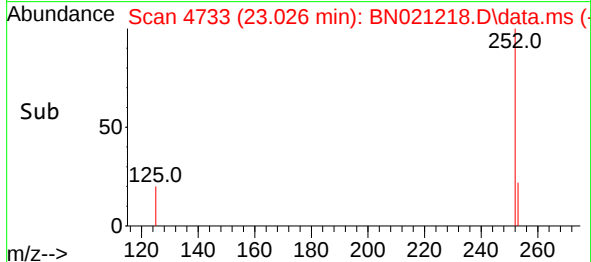
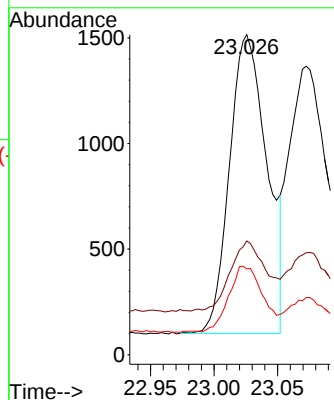
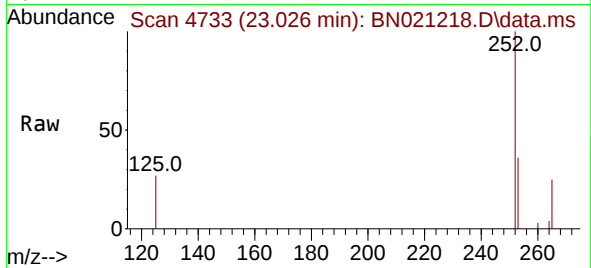




#24
Benzo(b)fluoranthene
Concen: 0.143 ng/ul
RT: 23.026 min Scan# 4733
Delta R.T. 0.009 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

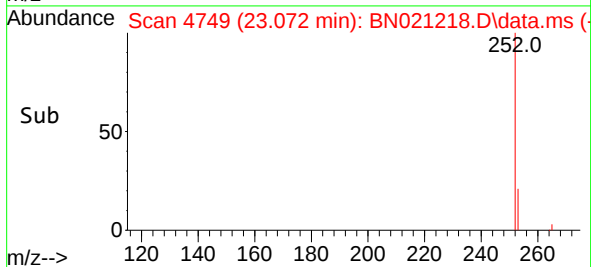
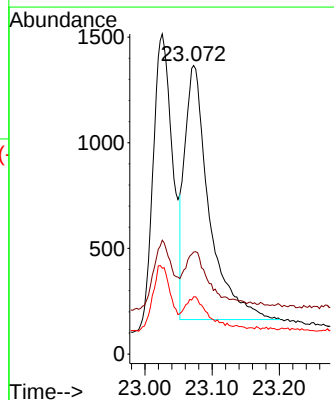
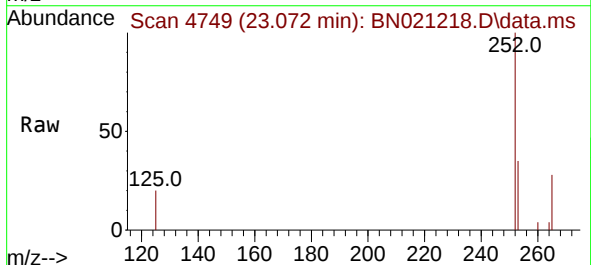
Instrument :
BNA_N
ClientSampleId :
SLCS983

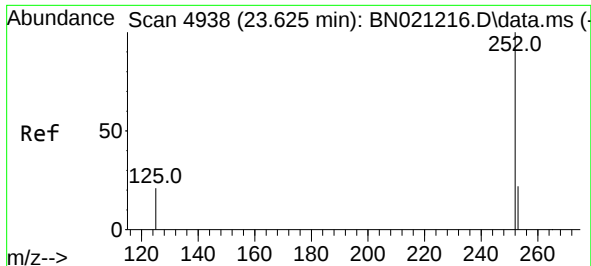
Tgt Ion:252 Resp: 2899
Ion Ratio Lower Upper
252 100
253 35.6 0.0 50.8
125 26.8 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.142 ng/ul
RT: 23.072 min Scan# 4749
Delta R.T. 0.009 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Tgt Ion:252 Resp: 3038
Ion Ratio Lower Upper
252 100
253 35.4 20.6 31.0#
125 19.8 11.8 17.6#

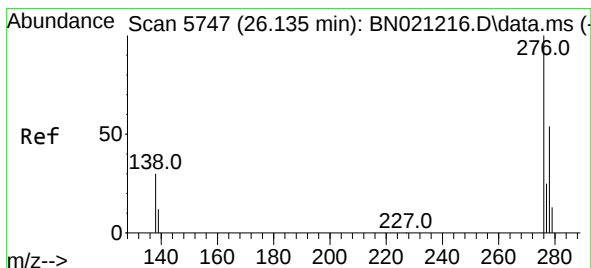
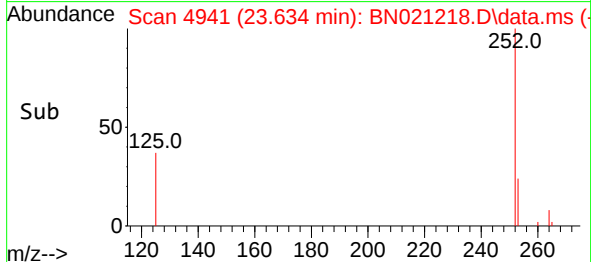
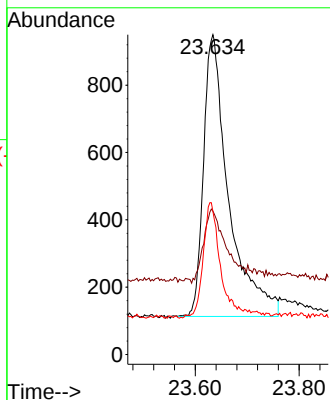
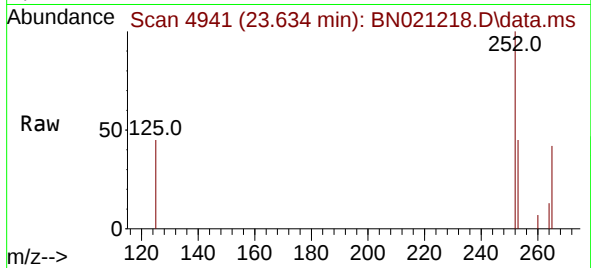




#26
Benzo(a)pyrene
Concen: 0.151 ng/ul
RT: 23.634 min Scan# 4938
Delta R.T. 0.012 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

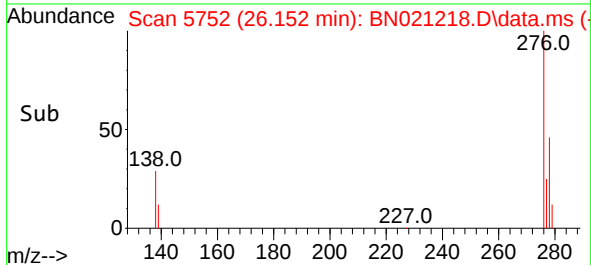
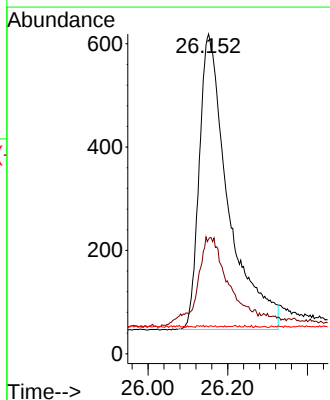
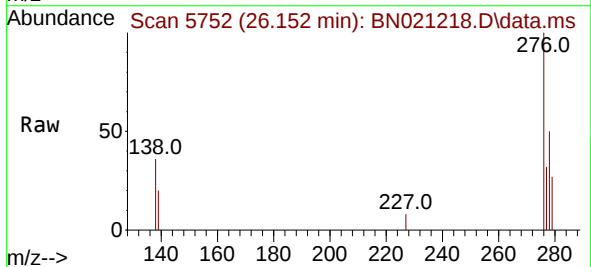
Instrument :
BNA_N
ClientSampleId :
SLCS983

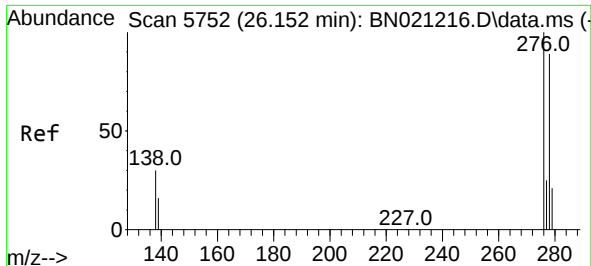
Tgt Ion:252 Resp: 2806
Ion Ratio Lower Upper
252 100
253 44.8 22.1 33.1#
125 44.7 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.131 ng/ul
RT: 26.152 min Scan# 5752
Delta R.T. 0.017 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Tgt Ion:276 Resp: 2897
Ion Ratio Lower Upper
276 100
138 35.4 26.1 39.1
227 0.1 0.1 0.1#

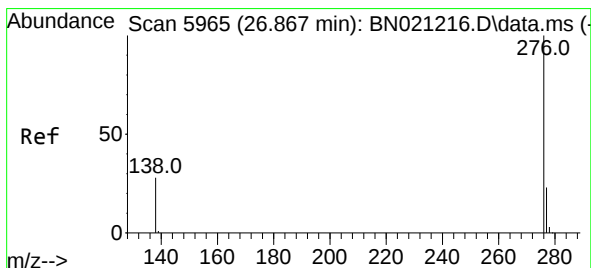
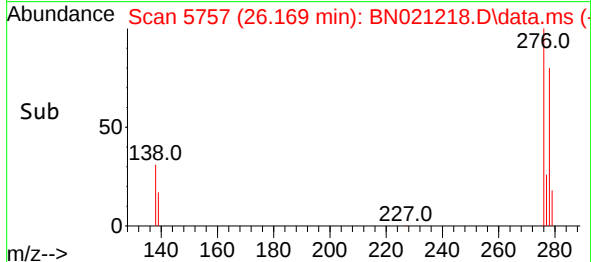
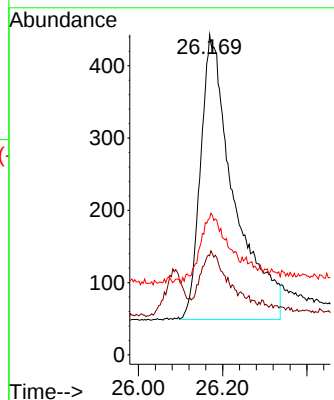
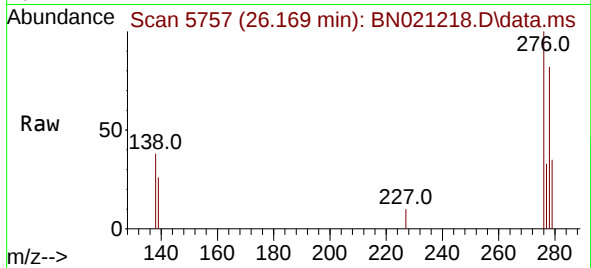




#28
Dibenzo(a,h)anthracene
Concen: 0.124 ng/ul
RT: 26.169 min Scan# 51
Delta R.T. 0.020 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Instrument :
BNA_N
ClientSampleId :
SLCS983

Tgt Ion:278 Resp: 2162
Ion Ratio Lower Upper
278 100
139 30.9 18.3 27.5#
279 42.7 23.9 35.9#



#29
Benzo(g,h,i)perylene
Concen: 0.143 ng/ul
RT: 26.883 min Scan# 5970
Delta R.T. 0.014 min
Lab File: BN021218.D
Acq: 14 Aug 2022 15:36

Tgt Ion:276 Resp: 2820
Ion Ratio Lower Upper
276 100
138 33.6 22.6 34.0
277 31.0 20.2 30.2#

