

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092122\
 Data File : BN021901.D
 Acq On : 23 Sep 2022 14:45
 Operator : CG/JU
 Sample : PB147816BS
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS816

Quant Time: Sep 23 16:20:32 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 00:20:21 2022
 Response via : Initial Calibration

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

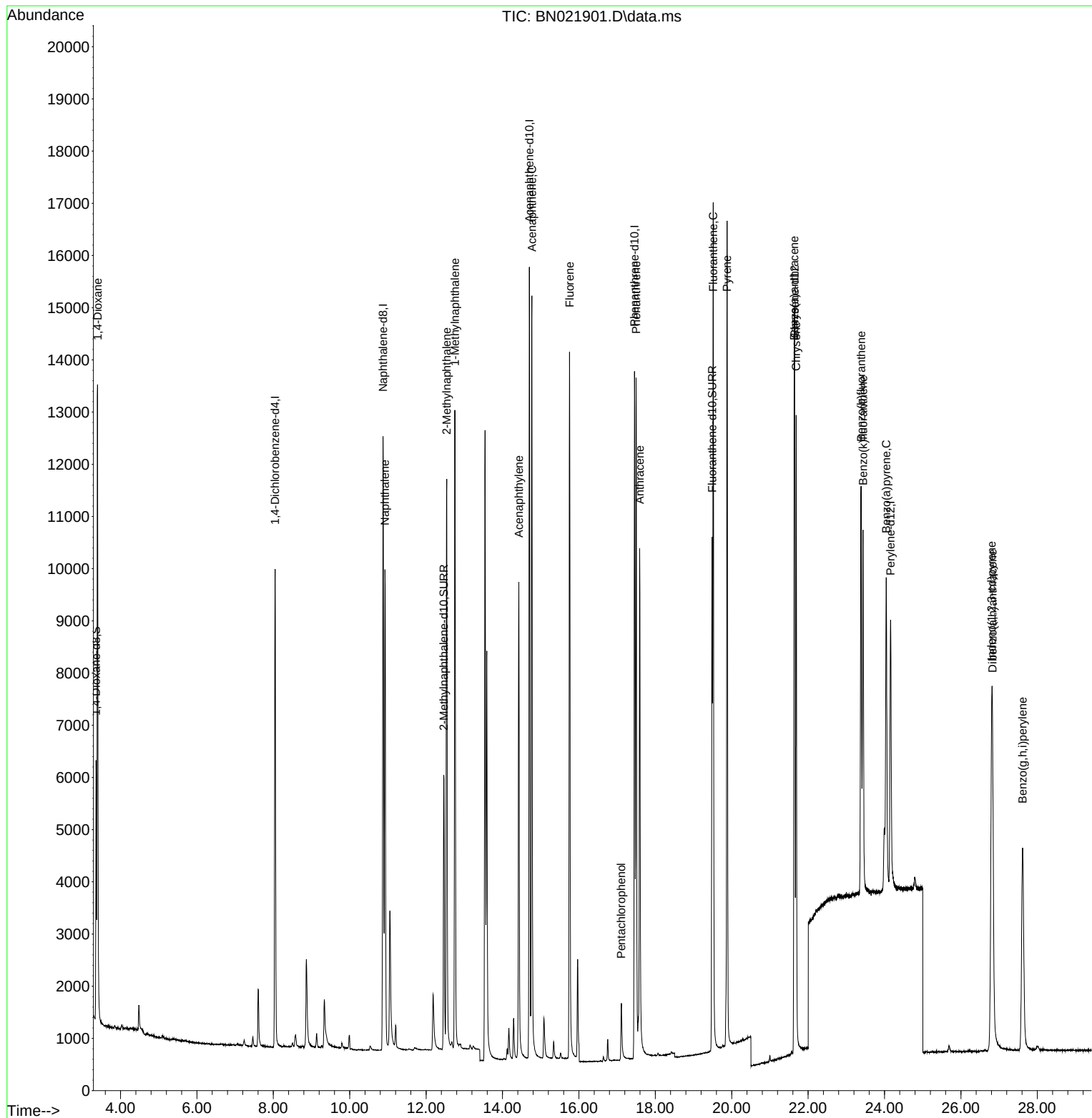
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	5025	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	16688	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.703	164	9095	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.455	188	16410	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.650	240	9788	0.400	ng/ul	# 0.00
23) Perylene-d12	24.158	264	8044	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.359	96	3287	0.532	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.461	152	7571	0.287	ng/ul	-0.01
18) Fluoranthene-d10	19.487	212	11434	0.314	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.397	88	8869	1.399	ng/ul#	87
5) Naphthalene	10.922	128	13429	0.285	ng/ul	98
7) 2-Methylnaphthalene	12.538	142	8632	0.282	ng/ul	98
8) 1-Methylnaphthalene	12.753	142	8956	0.286	ng/ul	99
10) Acenaphthylene	14.425	152	11701	0.306	ng/ul	99
11) Acenaphthene	14.768	153	9237	0.285	ng/ul	100
12) Fluorene	15.753	166	10016	0.276	ng/ul	99
14) Pentachlorophenol	17.109	266	1019	0.320	ng/ul	99
15) Phenanthrene	17.498	178	14747	0.285	ng/ul	100
16) Anthracene	17.591	178	12354	0.287	ng/ul	99
19) Fluoranthene	19.515	202	14199	0.311	ng/ul	97
20) Pyrene	19.878	202	14038	0.311	ng/ul#	94
21) Benzo(a)anthracene	21.632	228	10644	0.325	ng/ul	99
22) Chrysene	21.688	228	11412	0.319	ng/ul	99
24) Benzo(b)fluoranthene	23.386	252	10730	0.275	ng/ul	89
25) Benzo(k)fluoranthene	23.436	252	10505	0.278	ng/ul#	89
26) Benzo(a)pyrene	24.044	252	10012	0.339	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.804	276	11275	0.339	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.828	278	9190	0.326	ng/ul	96
29) Benzo(g,h,i)perylene	27.616	276	10047	0.328	ng/ul	94

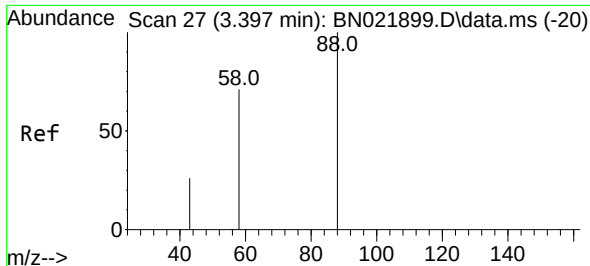
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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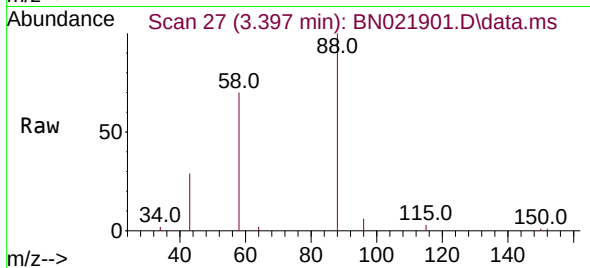
Quant Time: Sep 23 16:20:32 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration



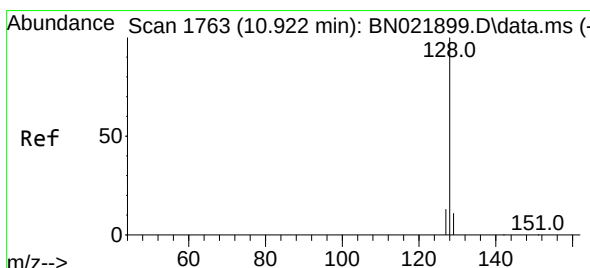
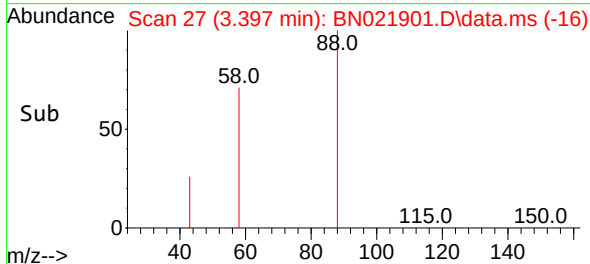
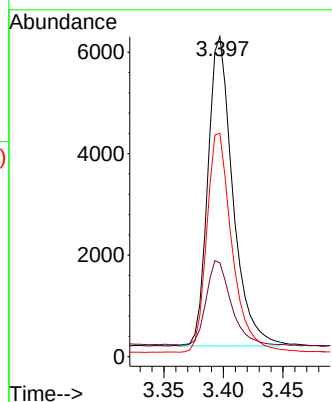


#2
1,4-Dioxane
Concen: 1.399 ng/ul
RT: 3.397 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021901.D
Acq: 23 Sep 2022 14:45

Instrument :
BNA_N
ClientSampleId :
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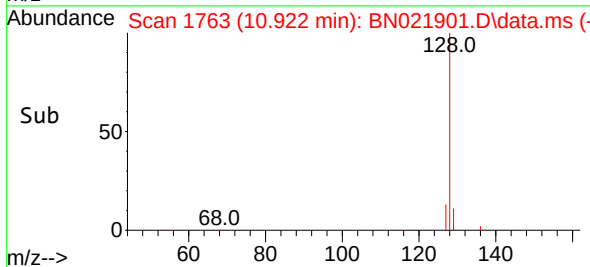
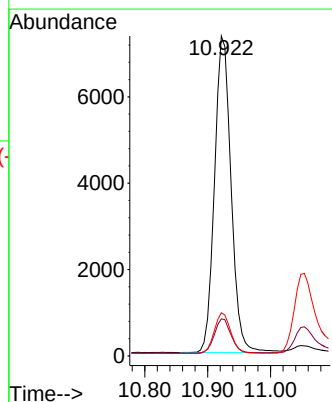
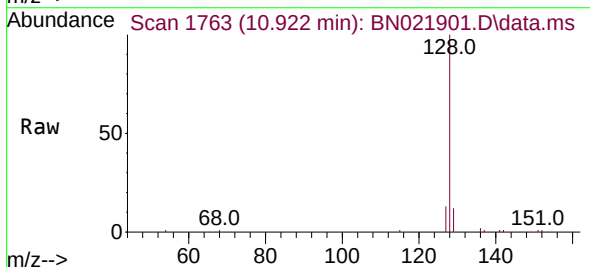


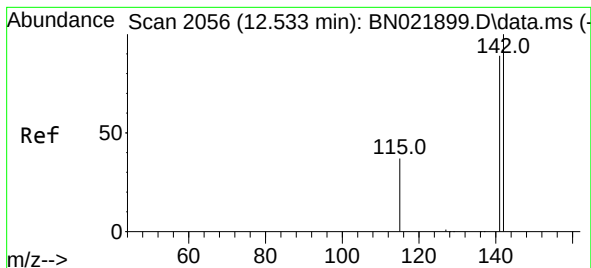
Tgt Ion: 88 Resp: 8869
Ion Ratio Lower Upper
88 100
43 29.3 31.4 47.0#
58 69.8 49.0 73.6



#5
Naphthalene
Concen: 0.285 ng/ul
RT: 10.922 min Scan# 1763
Delta R.T. -0.011 min
Lab File: BN021901.D
Acq: 23 Sep 2022 14:45

Tgt Ion: 128 Resp: 13429
Ion Ratio Lower Upper
128 100
129 11.6 9.8 14.6
127 13.5 11.6 17.4

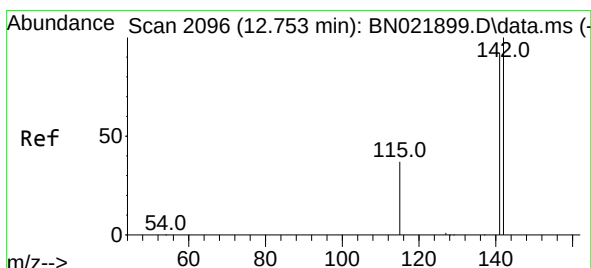
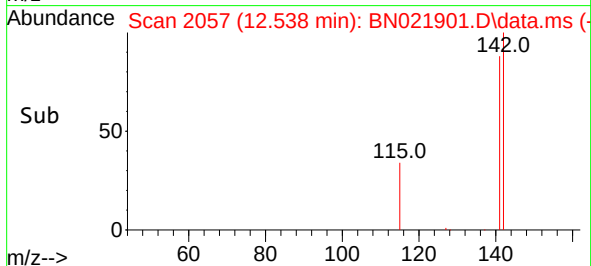
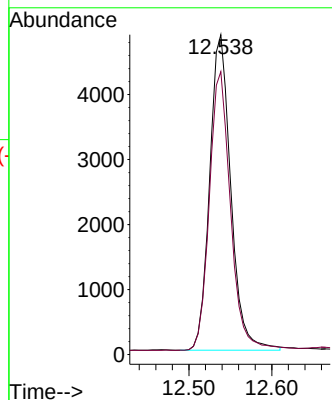
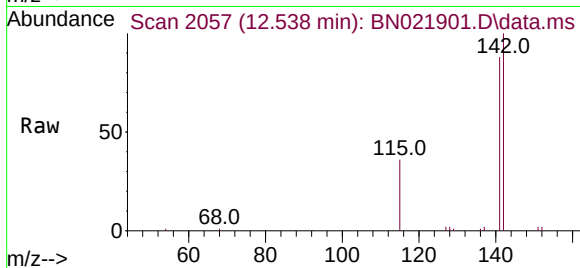




#7
2-Methylnaphthalene
Concen: 0.282 ng/ul
RT: 12.538 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BN021901.D
Acq: 23 Sep 2022 14:45

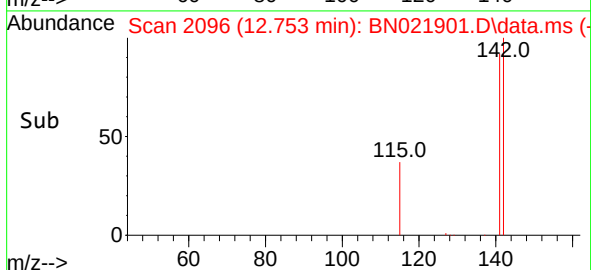
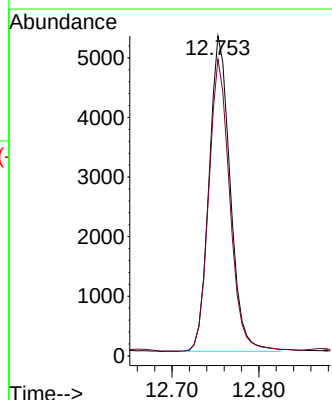
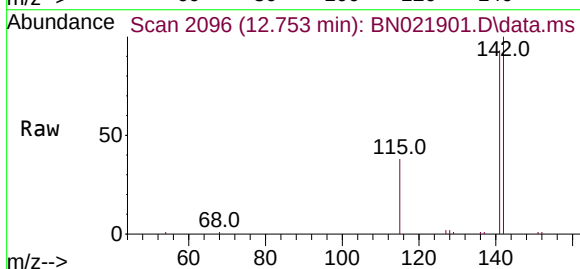
Instrument :
BNA_N
ClientSampleId :
SLCS816

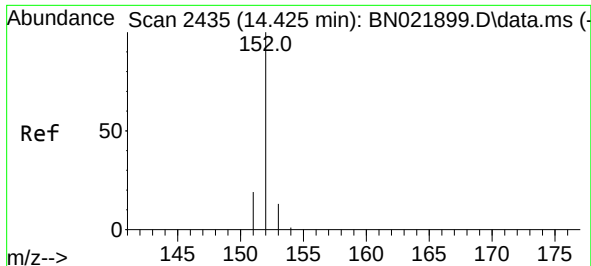
Tgt Ion:142 Resp: 8632
Ion Ratio Lower Upper
142 100
141 88.4 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.286 ng/ul
RT: 12.753 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BN021901.D
Acq: 23 Sep 2022 14:45

Tgt Ion:142 Resp: 8956
Ion Ratio Lower Upper
142 100
141 91.8 73.9 110.9

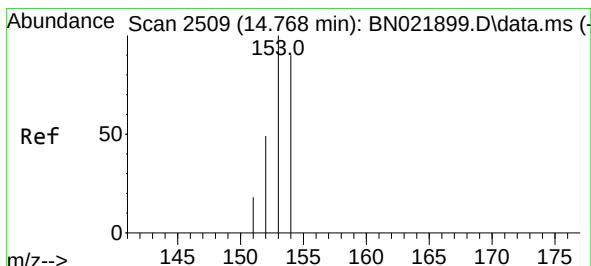
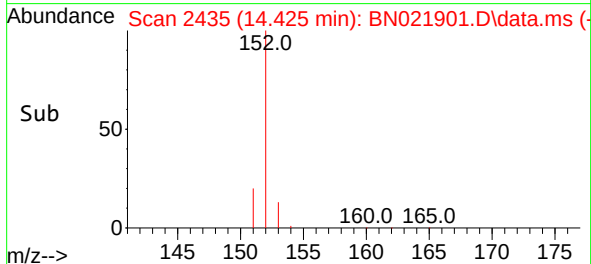
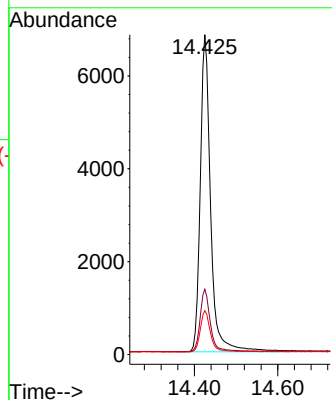
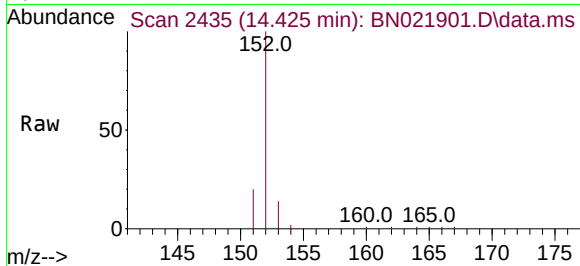




#10
Acenaphthylene
Concen: 0.306 ng/ul
RT: 14.425 min Scan# 2435
Delta R.T. -0.005 min
Lab File: BN021901.D
Acq: 23 Sep 2022 14:45

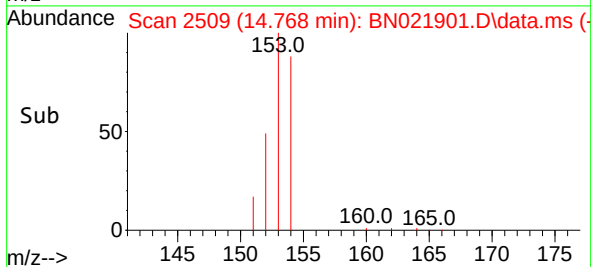
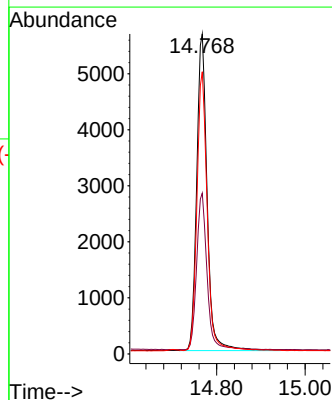
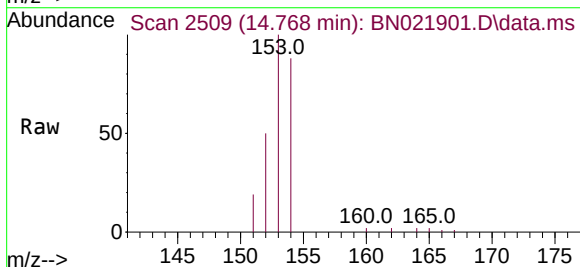
Instrument :
BNA_N
ClientSampleId :
SLCS816

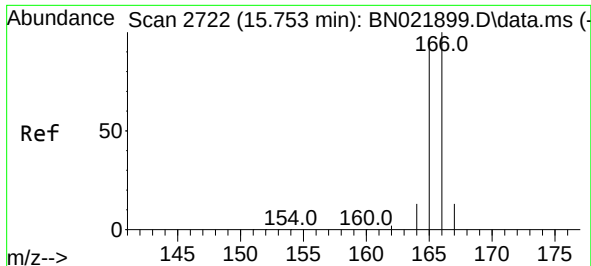
Tgt Ion:152 Resp: 11701
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 13.7 11.2 16.8



#11
Acenaphthene
Concen: 0.285 ng/ul
RT: 14.768 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN021901.D
Acq: 23 Sep 2022 14:45

Tgt Ion:153 Resp: 9237
Ion Ratio Lower Upper
153 100
152 50.2 40.2 60.4
154 88.2 70.7 106.1

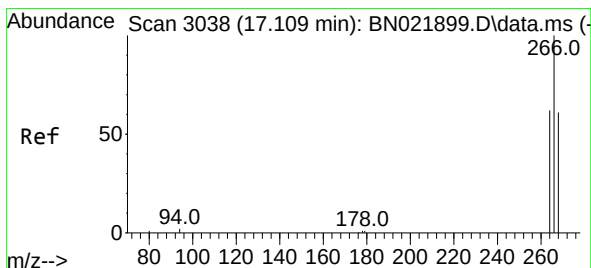
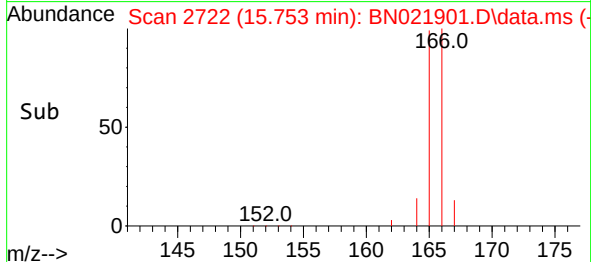
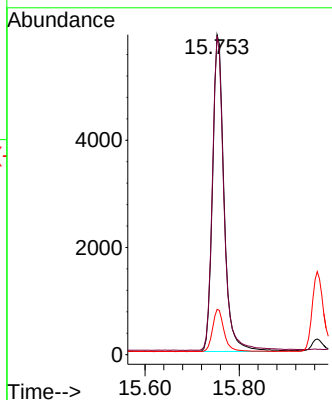
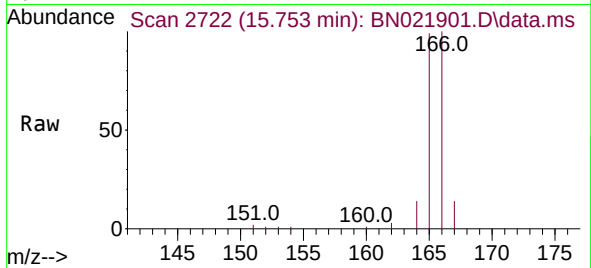




#12
Fluorene
Concen: 0.276 ng/ul
RT: 15.753 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN021901.D
Acq: 23 Sep 2022 14:45

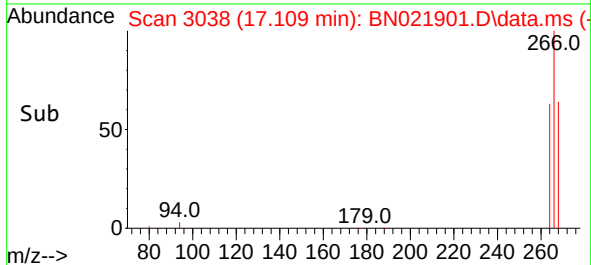
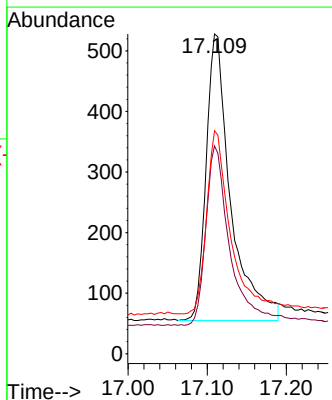
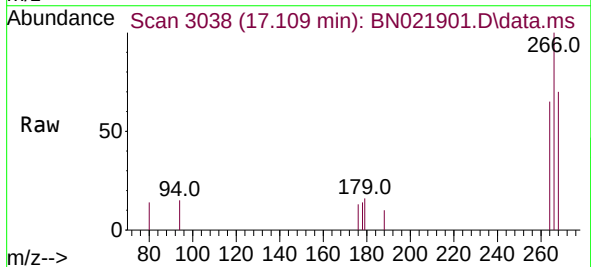
Instrument :
BNA_N
ClientSampleId :
SLCS816

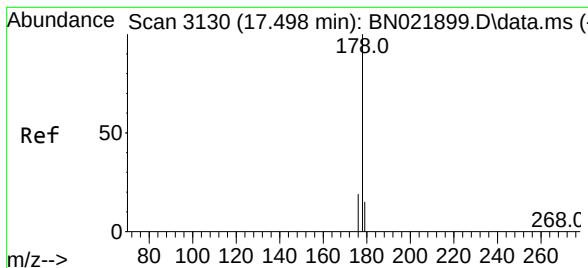
Tgt Ion:166 Resp: 10016
Ion Ratio Lower Upper
166 100
165 99.5 78.6 117.8
167 14.1 11.8 17.6



#14
Pentachlorophenol
Concen: 0.320 ng/ul
RT: 17.109 min Scan# 3038
Delta R.T. -0.000 min
Lab File: BN021901.D
Acq: 23 Sep 2022 14:45

Tgt Ion:266 Resp: 1019
Ion Ratio Lower Upper
266 100
264 61.4 49.8 74.8
268 62.5 50.6 75.8





#15

Phenanthrene

Concen: 0.285 ng/ul

RT: 17.498 min Scan# 3130

Delta R.T. -0.004 min

Lab File: BN021901.D

Acq: 23 Sep 2022 14:45

Instrument :

BNA_N

ClientSampleId :

SLCS816

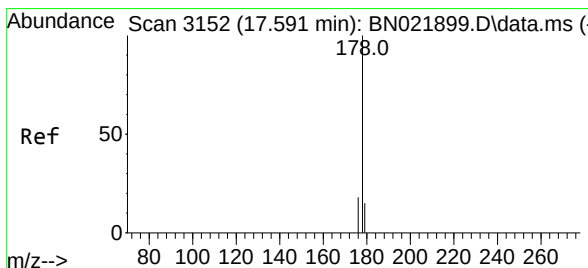
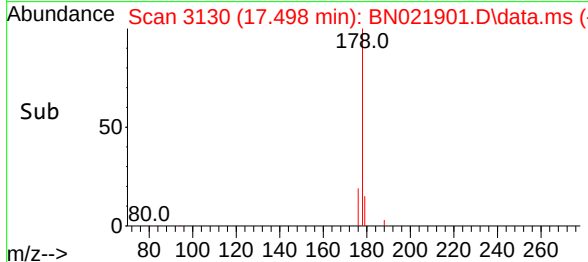
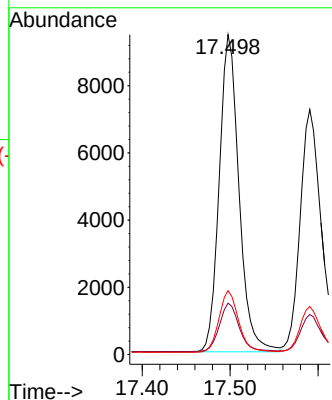
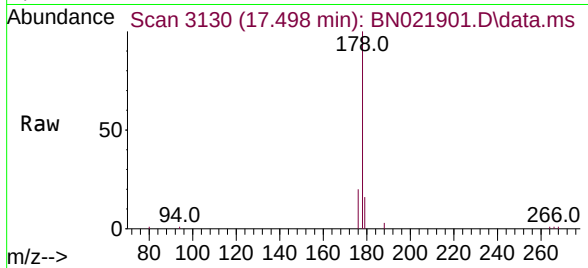
Tgt Ion:178 Resp: 14747

Ion Ratio Lower Upper

178 100

179 16.1 12.8 19.2

176 20.0 15.9 23.9



#16

Anthracene

Concen: 0.287 ng/ul

RT: 17.591 min Scan# 3152

Delta R.T. -0.004 min

Lab File: BN021901.D

Acq: 23 Sep 2022 14:45

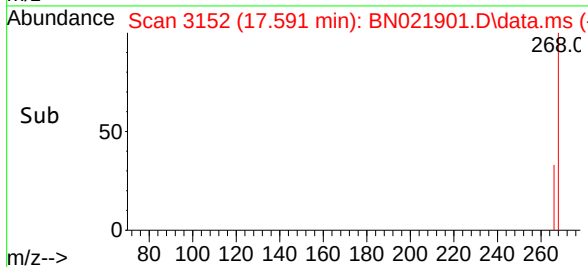
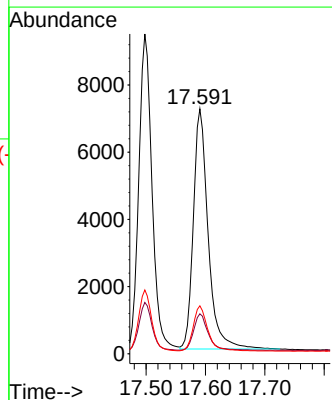
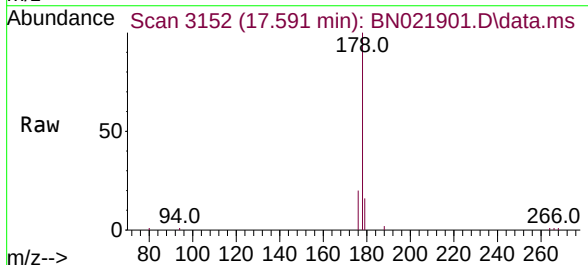
Tgt Ion:178 Resp: 12354

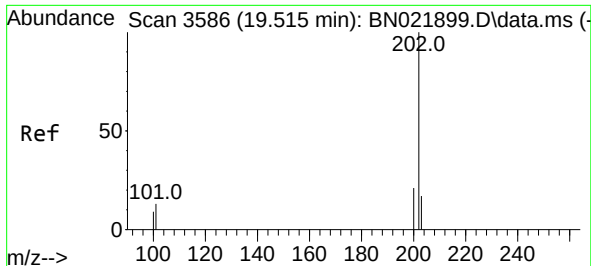
Ion Ratio Lower Upper

178 100

179 16.4 12.9 19.3

176 19.6 15.9 23.9

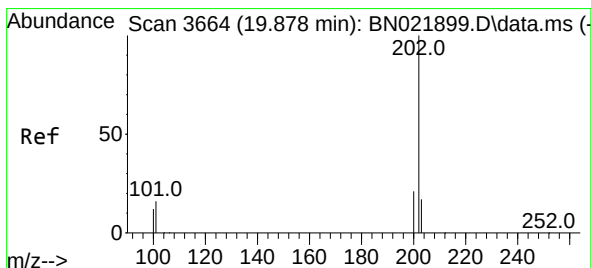
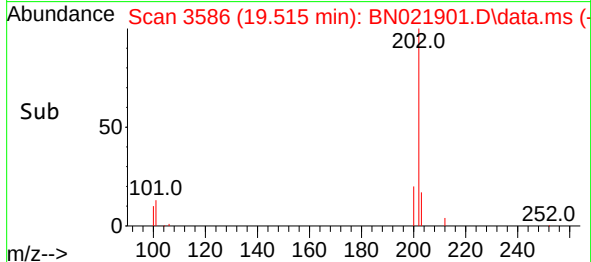
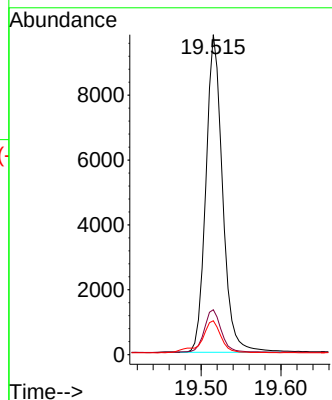
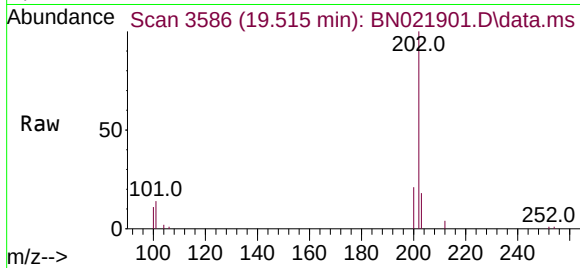




#19
Fluoranthene
Concen: 0.311 ng/ul
RT: 19.515 min Scan# 3586
Delta R.T. -0.000 min
Lab File: BN021901.D
Acq: 23 Sep 2022 14:45

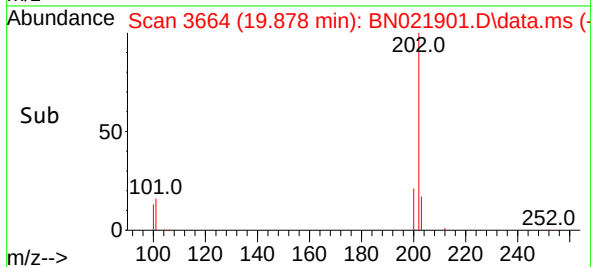
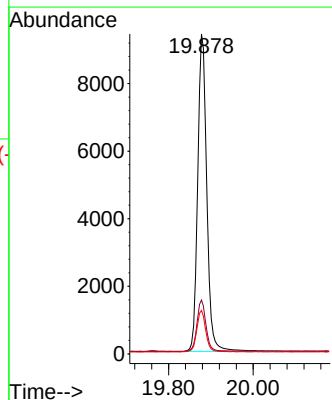
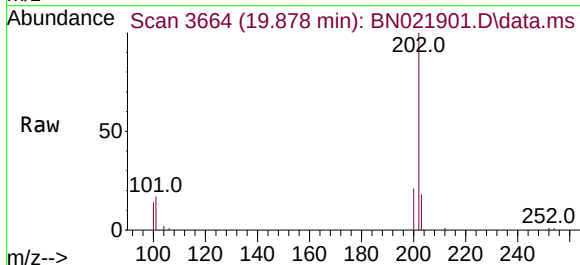
Instrument :
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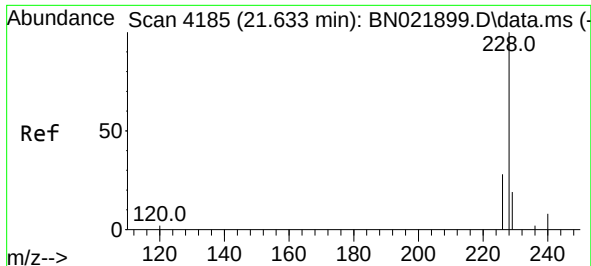
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.0	15.0
100	10.6	8.0	12.0



#20
Pyrene
Concen: 0.311 ng/ul
RT: 19.878 min Scan# 3664
Delta R.T. -0.000 min
Lab File: BN021901.D
Acq: 23 Sep 2022 14:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.8	11.3	16.9
100	13.6	9.0	13.4

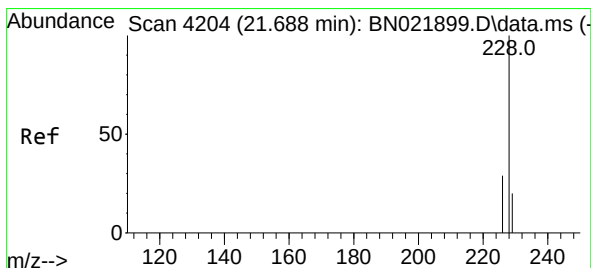
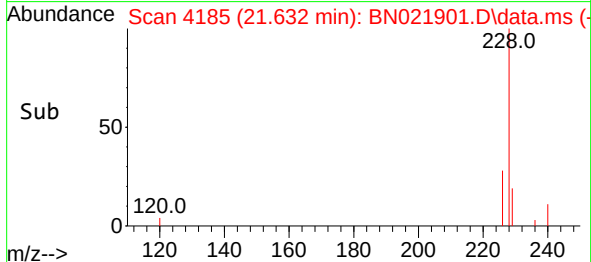
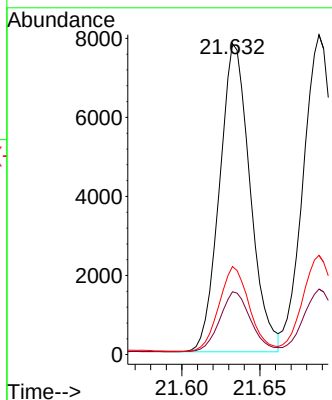
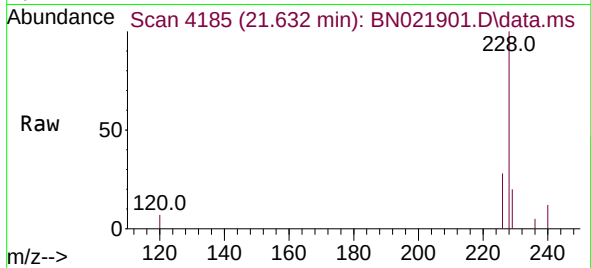




#21
Benzo(a)anthracene
Concen: 0.325 ng/ul
RT: 21.632 min Scan# 4185
Delta R.T. 0.003 min
Lab File: BN021901.D
Acq: 23 Sep 2022 14:45

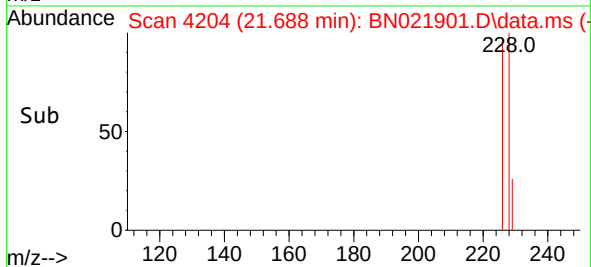
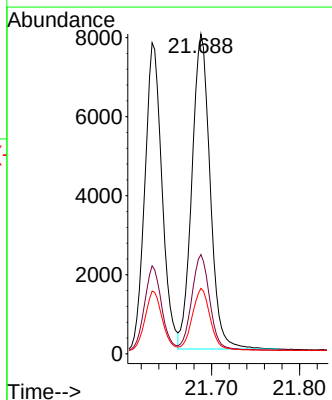
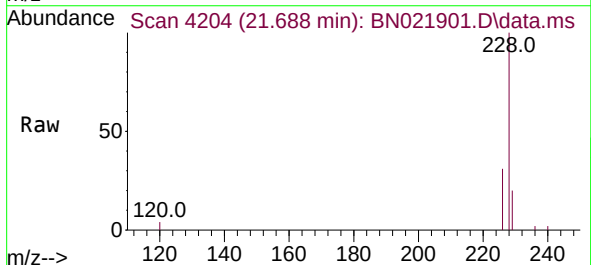
Instrument :
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ClientSampleId :
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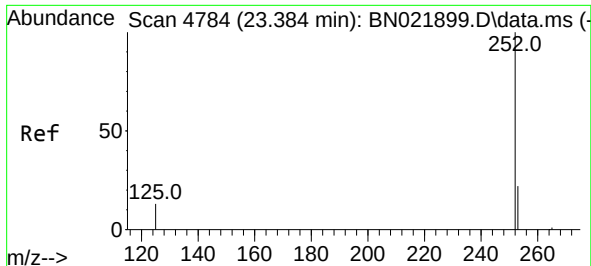
Tgt Ion:228	Resp:	10644
Ion Ratio	Lower	Upper
228	100	
229	20.2	16.0 24.0
226	28.3	21.9 32.9



#22
Chrysene
Concen: 0.319 ng/ul
RT: 21.688 min Scan# 4204
Delta R.T. 0.003 min
Lab File: BN021901.D
Acq: 23 Sep 2022 14:45

Tgt Ion:228	Resp:	11412
Ion Ratio	Lower	Upper
228	100	
226	31.0	24.6 37.0
229	20.5	15.8 23.8

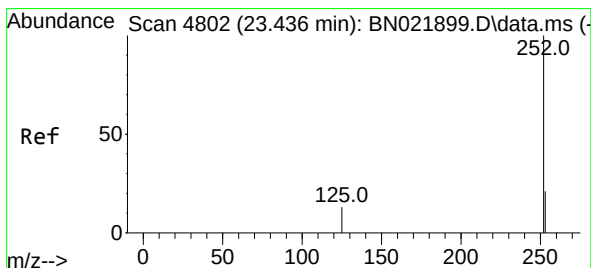
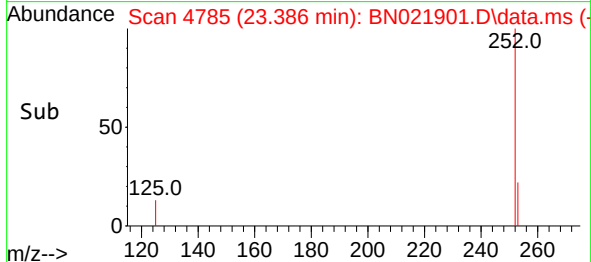
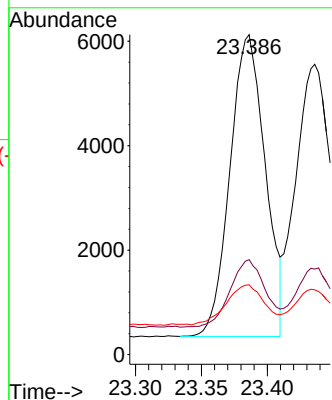
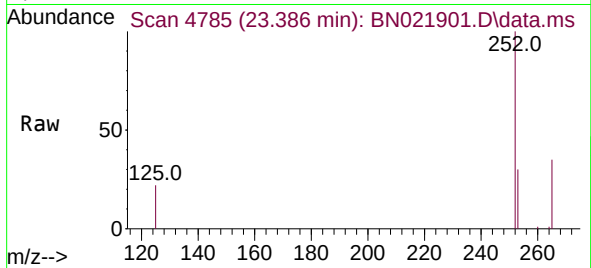




#24
Benzo(b)fluoranthene
Concen: 0.275 ng/ul
RT: 23.386 min Scan# 4784
Delta R.T. 0.006 min
Lab File: BN021901.D
Acq: 23 Sep 2022 14:45

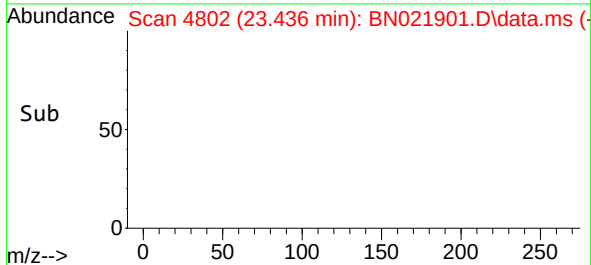
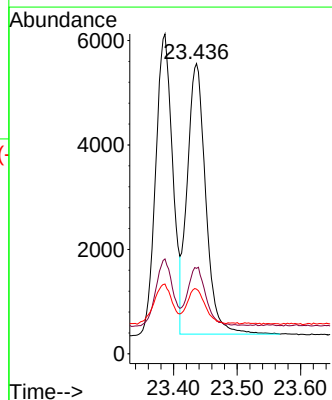
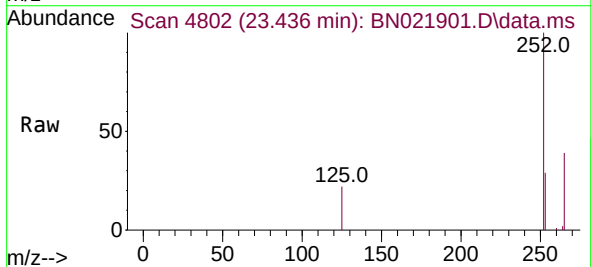
Instrument :
BNA_N
ClientSampleId :
SLCS816

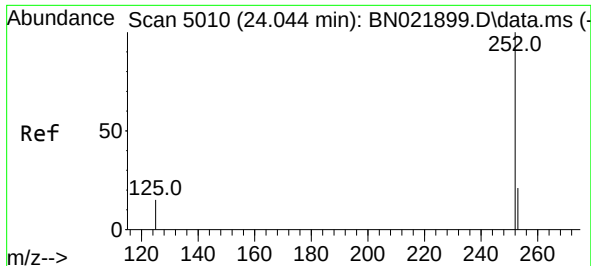
Tgt Ion:252 Resp: 10730
Ion Ratio Lower Upper
252 100
253 29.7 0.0 50.8
125 21.8 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.278 ng/ul
RT: 23.436 min Scan# 4802
Delta R.T. 0.006 min
Lab File: BN021901.D
Acq: 23 Sep 2022 14:45

Tgt Ion:252 Resp: 10505
Ion Ratio Lower Upper
252 100
253 29.4 20.6 31.0
125 22.3 11.8 17.6#

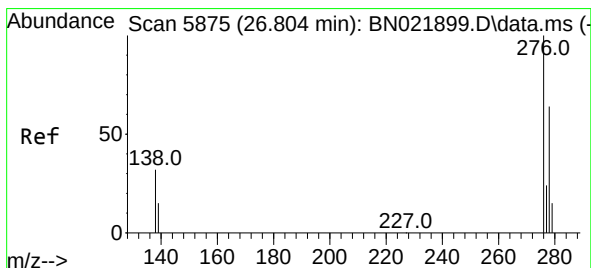
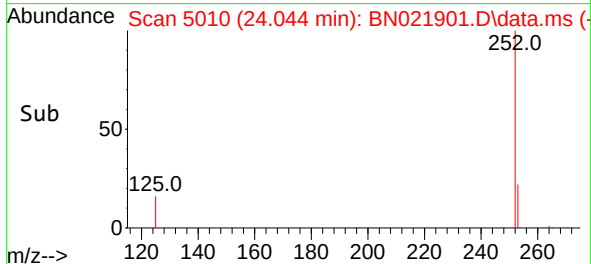
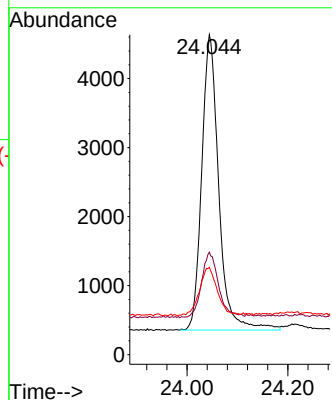
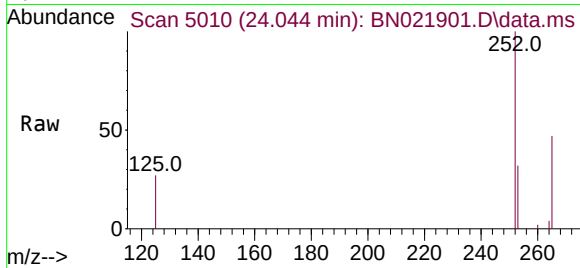




#26
Benzo(a)pyrene
Concen: 0.339 ng/ul
RT: 24.044 min Scan# 5010
Delta R.T. 0.003 min
Lab File: BN021901.D
Acq: 23 Sep 2022 14:45

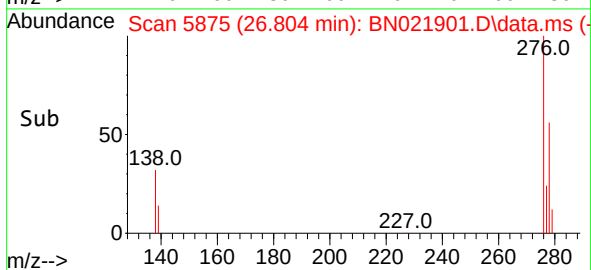
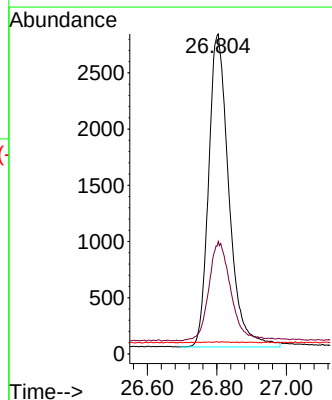
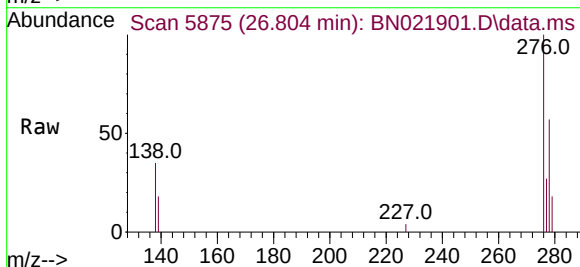
Instrument :
BNA_N
ClientSampleId :
SLCS816

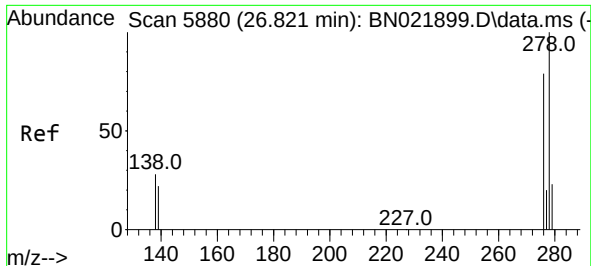
Tgt Ion:252 Resp: 10012
Ion Ratio Lower Upper
252 100
253 32.0 22.1 33.1
125 27.3 14.7 22.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.339 ng/ul
RT: 26.804 min Scan# 5875
Delta R.T. 0.013 min
Lab File: BN021901.D
Acq: 23 Sep 2022 14:45

Tgt Ion:276 Resp: 11275
Ion Ratio Lower Upper
276 100
138 34.5 26.1 39.1
227 0.1 0.1 0.1#

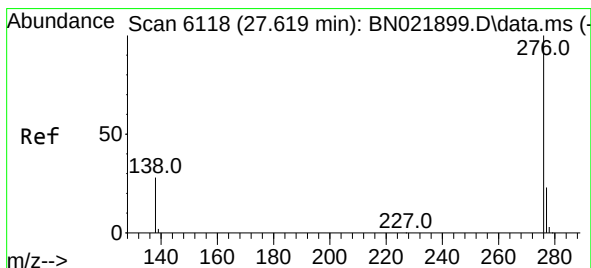
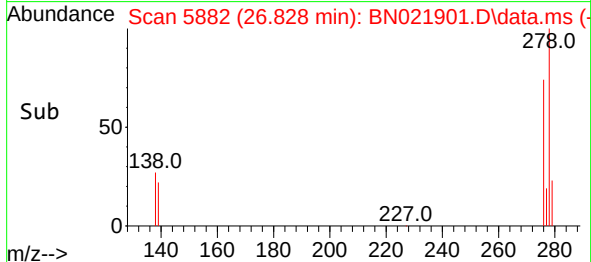
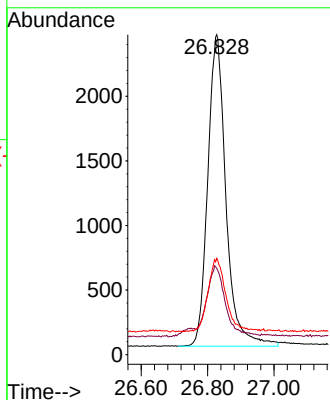
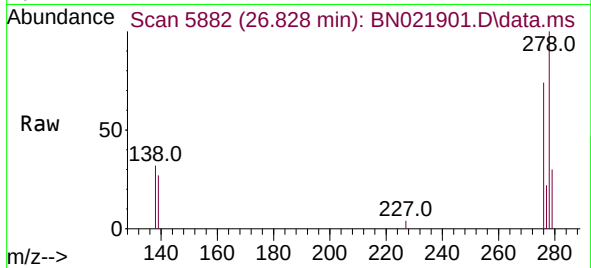




#28
Dibenzo(a,h)anthracene
Concen: 0.326 ng/ul
RT: 26.828 min Scan# 5880
Delta R.T. 0.010 min
Lab File: BN021901.D
Acq: 23 Sep 2022 14:45

Instrument :
BNA_N
ClientSampleId :
SLCS816

Tgt Ion:278 Resp: 9190
Ion Ratio Lower Upper
278 100
139 27.0 18.3 27.5
279 30.1 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.328 ng/ul
RT: 27.616 min Scan# 6117
Delta R.T. 0.007 min
Lab File: BN021901.D
Acq: 23 Sep 2022 14:45

Tgt Ion:276 Resp: 10047
Ion Ratio Lower Upper
276 100
138 32.4 22.6 34.0
277 26.7 20.2 30.2

