

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092122\
 Data File : BN021865.D
 Acq On : 22 Sep 2022 11:32
 Operator : CG/JU
 Sample : PB147691BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS691

Quant Time: Sep 23 02:09:51 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)

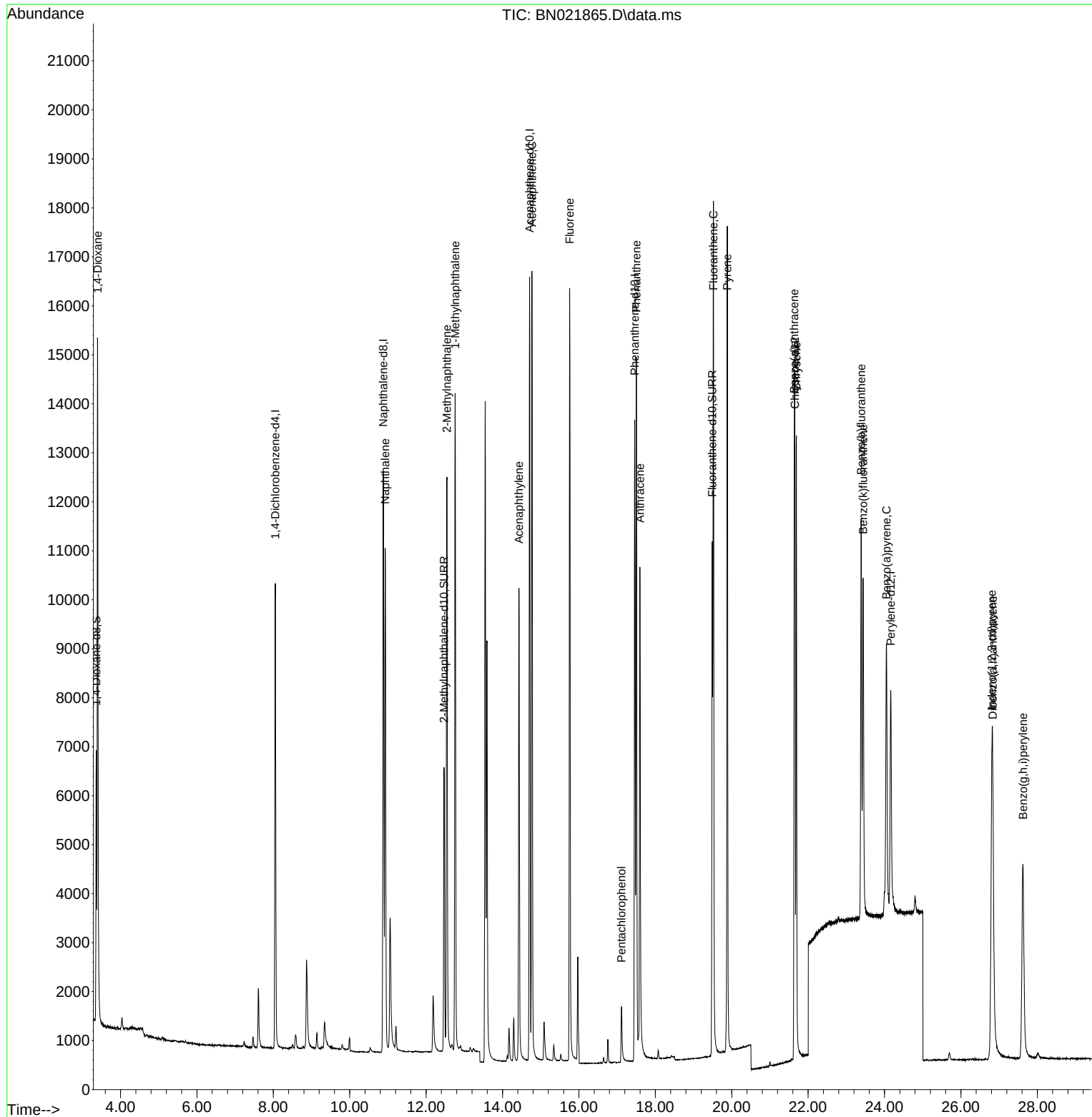
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	5181	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	17114	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.707	164	9169	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.460	188	16493	0.400	ng/ul	0.00
17) Chrysene-d12	21.653	240	9496	0.400	ng/ul	# 0.00
23) Perylene-d12	24.161	264	7154	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	3724	0.584	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.467	152	8267	0.305	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	12138	0.344	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.397	88	10159	1.554	ng/ul#	86
5) Naphthalene	10.927	128	14982	0.310	ng/ul	98
7) 2-Methylnaphthalene	12.544	142	9519	0.303	ng/ul	98
8) 1-Methylnaphthalene	12.758	142	9909	0.308	ng/ul	99
10) Acenaphthylene	14.430	152	12167	0.316	ng/ul	99
11) Acenaphthene	14.768	153	10030	0.307	ng/ul	99
12) Fluorene	15.758	166	10988	0.300	ng/ul	99
14) Pentachlorophenol	17.113	266	1028	0.322	ng/ul	98
15) Phenanthrene	17.502	178	16321	0.314	ng/ul	100
16) Anthracene	17.595	178	13104	0.303	ng/ul	99
19) Fluoranthene	19.520	202	15364	0.347	ng/ul	98
20) Pyrene	19.882	202	15134	0.346	ng/ul	95
21) Benzo(a)anthracene	21.635	228	10643	0.335	ng/ul	100
22) Chrysene	21.691	228	12020	0.346	ng/ul	99
24) Benzo(b)fluoranthene	23.386	252	11472	0.330	ng/ul	92
25) Benzo(k)fluoranthene	23.436	252	10426	0.310	ng/ul#	91
26) Benzo(a)pyrene	24.050	252	9899	0.377	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.807	276	11347	0.384	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.834	278	9068	0.361	ng/ul	97
29) Benzo(g,h,i)perylene	27.622	276	10150	0.373	ng/ul	96

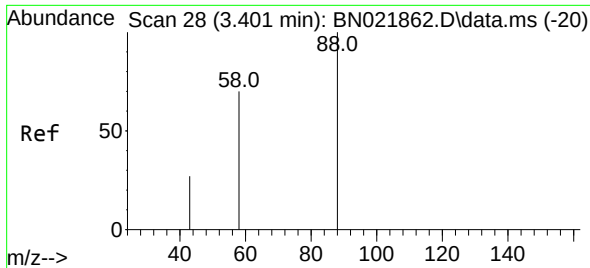
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092122\
Data File : BN021865.D
Acq On : 22 Sep 2022 11:32
Operator : CG/JU
Sample : PB147691BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS691

Quant Time: Sep 23 02:09:51 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

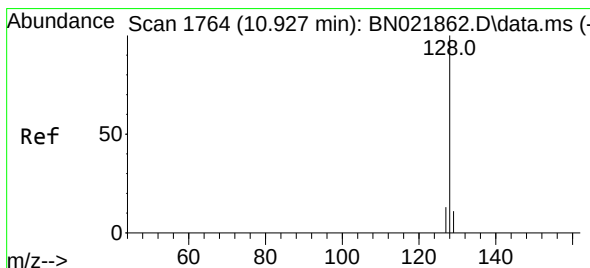
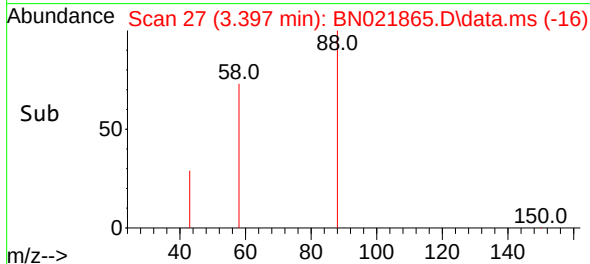
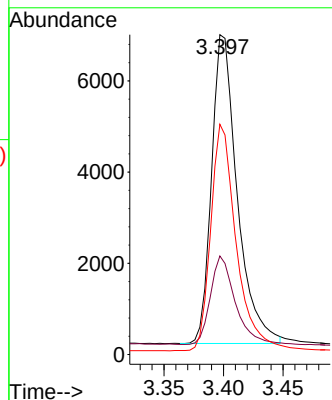
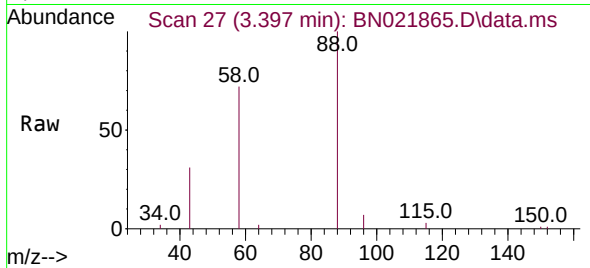




#2
1,4-Dioxane
Concen: 1.554 ng/ul
RT: 3.397 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

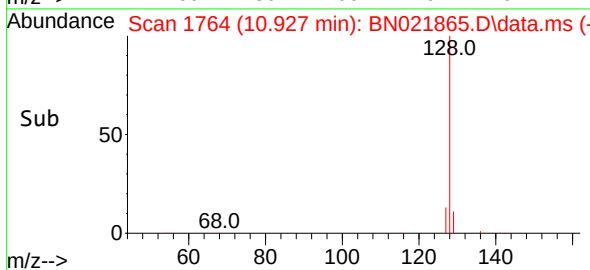
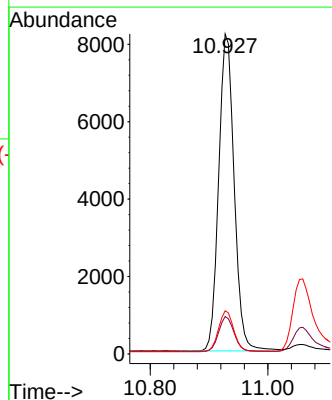
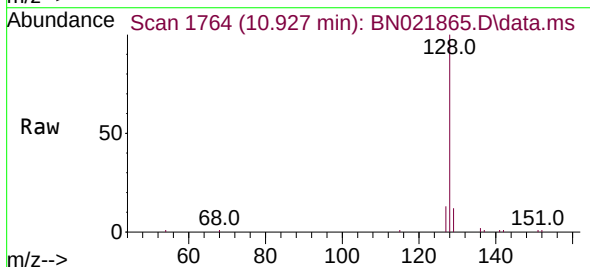
Instrument :
BNA_N
ClientSampleId :
SLCS691

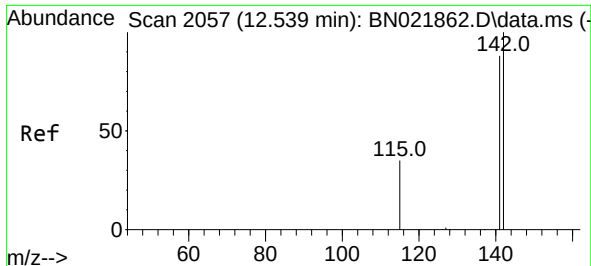
Tgt Ion: 88 Resp: 10159
Ion Ratio Lower Upper
88 100
43 30.8 31.4 47.0#
58 72.0 49.0 73.6



#5
Naphthalene
Concen: 0.310 ng/ul
RT: 10.927 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

Tgt Ion: 128 Resp: 14982
Ion Ratio Lower Upper
128 100
129 11.7 9.8 14.6
127 13.5 11.6 17.4

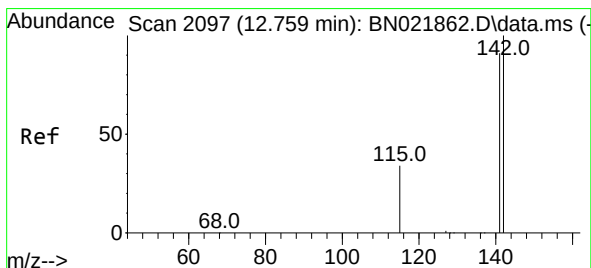
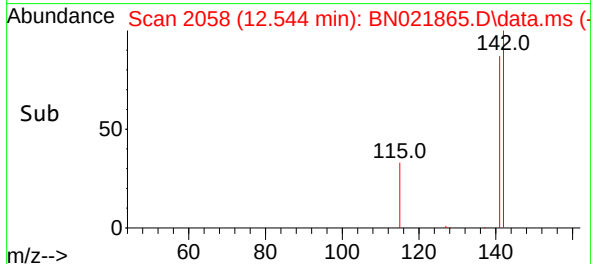
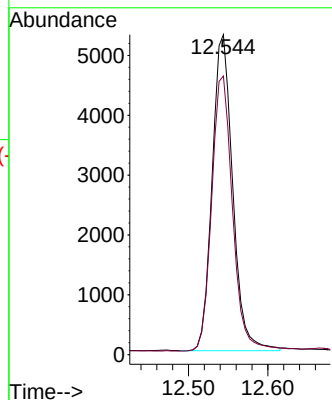
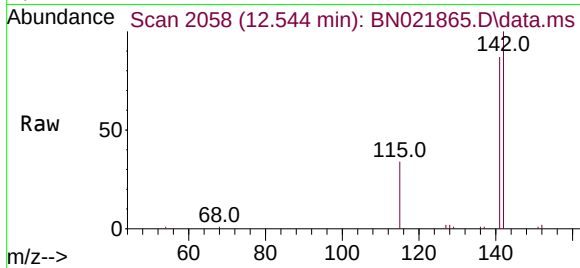




#7
2-Methylnaphthalene
Concen: 0.303 ng/ul
RT: 12.544 min Scan# 2058
Delta R.T. -0.000 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

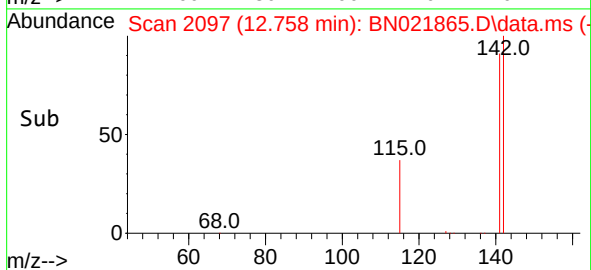
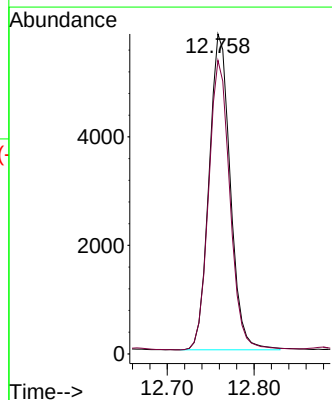
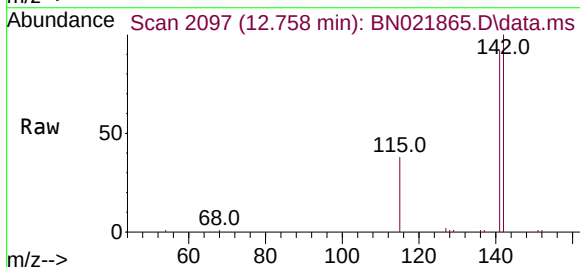
Instrument :
BNA_N
ClientSampleId :
SLCS691

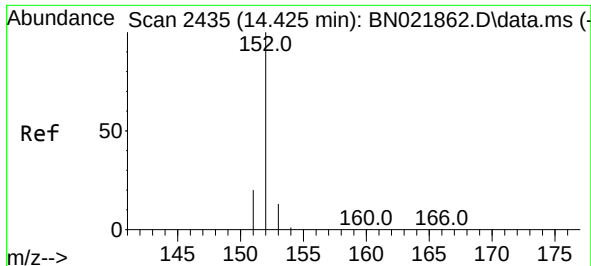
Tgt Ion:142 Resp: 9519
Ion Ratio Lower Upper
142 100
141 88.3 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.758 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

Tgt Ion:142 Resp: 9909
Ion Ratio Lower Upper
142 100
141 91.9 73.9 110.9

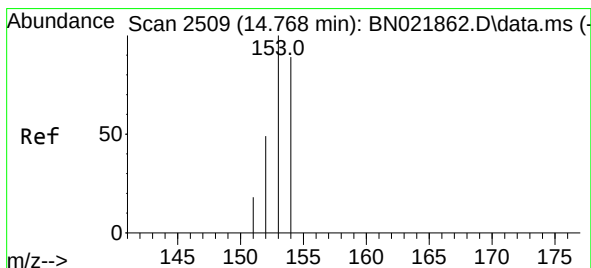
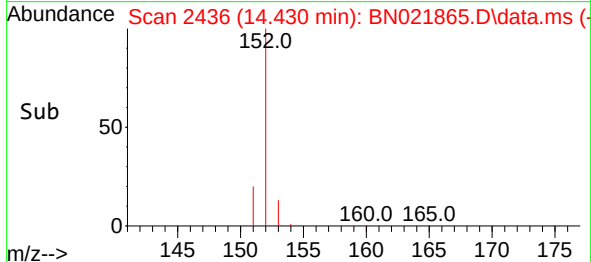
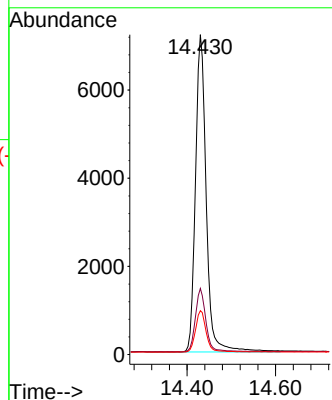
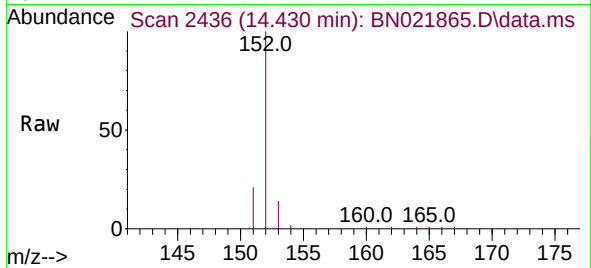




#10
Acenaphthylene
Concen: 0.316 ng/ul
RT: 14.430 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

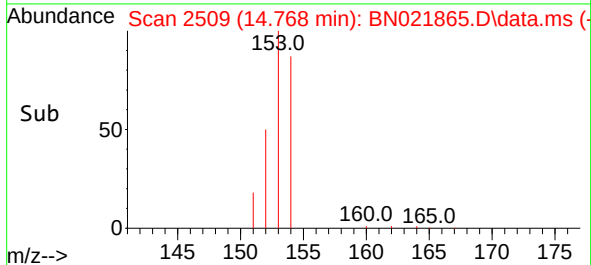
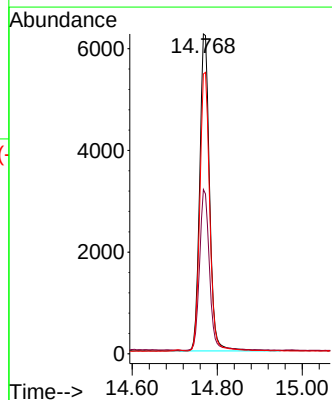
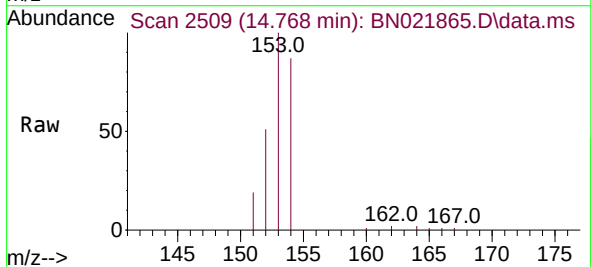
Instrument :
BNA_N
ClientSampleId :
SLCS691

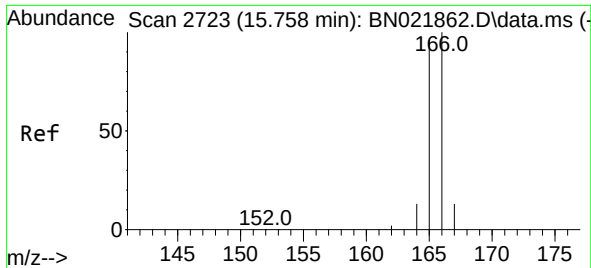
Tgt Ion:152 Resp: 12167
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 13.7 11.2 16.8



#11
Acenaphthene
Concen: 0.307 ng/ul
RT: 14.768 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

Tgt Ion:153 Resp: 10030
Ion Ratio Lower Upper
153 100
152 51.4 40.2 60.4
154 87.5 70.7 106.1

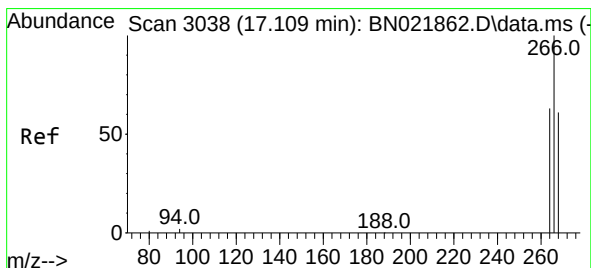
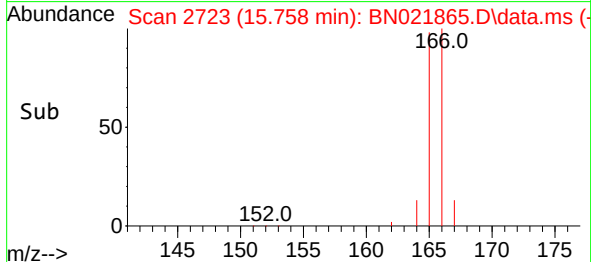
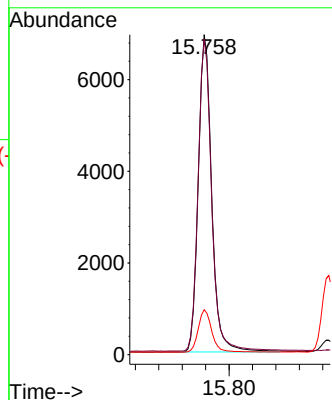
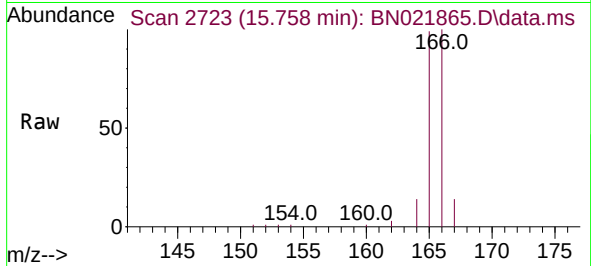




#12
Fluorene
Concen: 0.300 ng/ul
RT: 15.758 min Scan# 2723
Delta R.T. -0.000 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

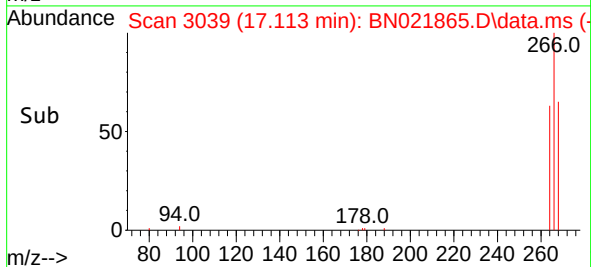
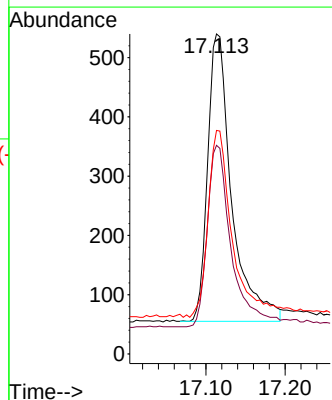
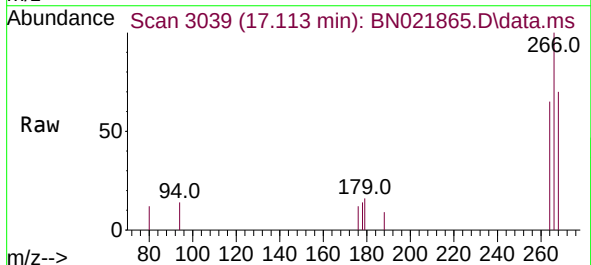
Instrument :
BNA_N
ClientSampleId :
SLCS691

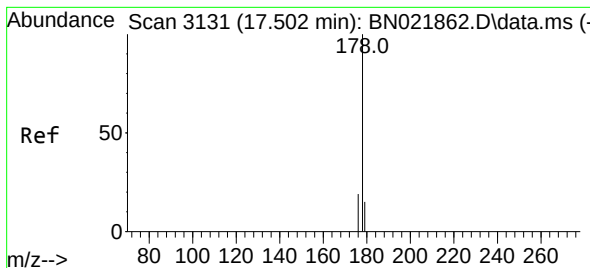
Tgt Ion:166 Resp: 10988
Ion Ratio Lower Upper
166 100
165 98.6 78.6 117.8
167 14.0 11.8 17.6



#14
Pentachlorophenol
Concen: 0.322 ng/ul
RT: 17.113 min Scan# 3039
Delta R.T. 0.004 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

Tgt Ion:266 Resp: 1028
Ion Ratio Lower Upper
266 100
264 63.0 49.8 74.8
268 65.0 50.6 75.8





#15

Phenanthrene

Concen: 0.314 ng/ul

RT: 17.502 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BN021865.D

Acq: 22 Sep 2022 11:32

Instrument :

BNA_N

ClientSampleId :

SLCS691

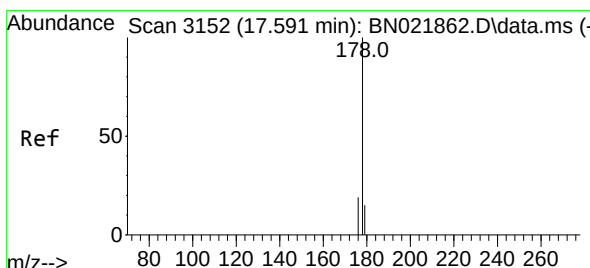
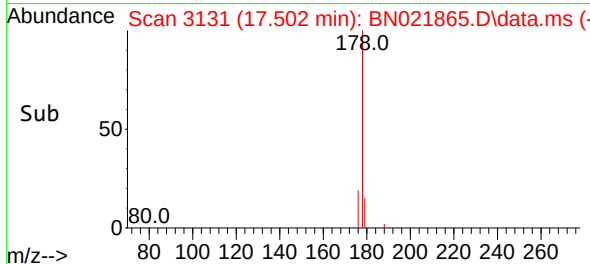
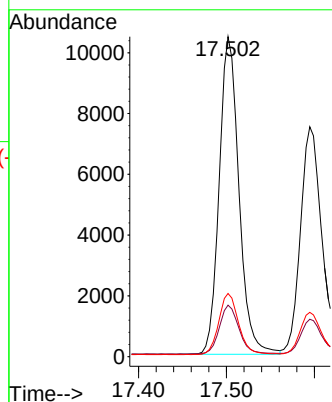
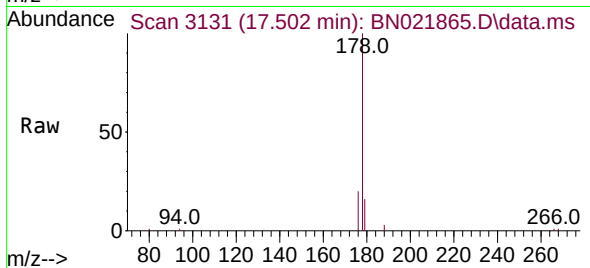
Tgt Ion:178 Resp: 16321

Ion Ratio Lower Upper

178 100

179 16.1 12.8 19.2

176 19.7 15.9 23.9



#16

Anthracene

Concen: 0.303 ng/ul

RT: 17.595 min Scan# 3153

Delta R.T. -0.000 min

Lab File: BN021865.D

Acq: 22 Sep 2022 11:32

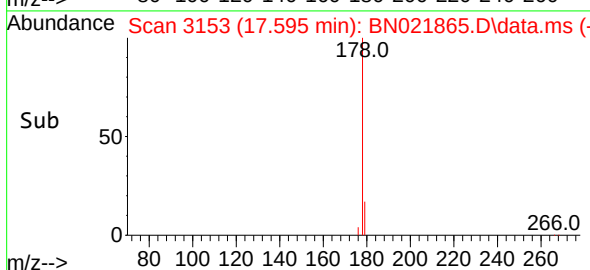
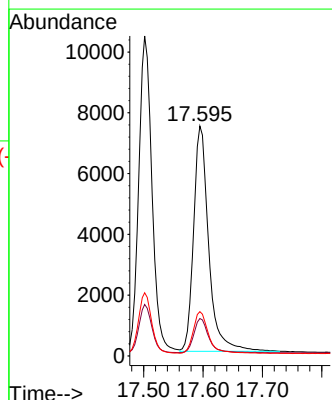
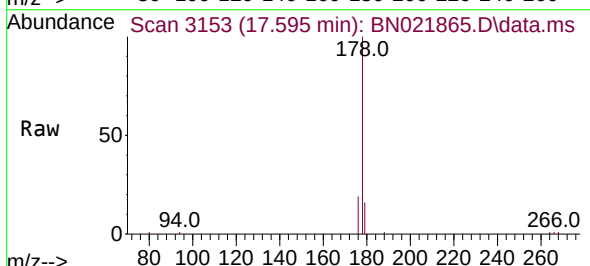
Tgt Ion:178 Resp: 13104

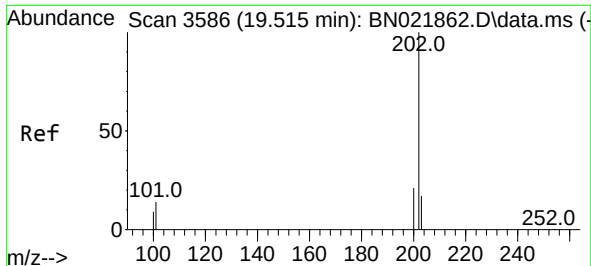
Ion Ratio Lower Upper

178 100

179 16.3 12.9 19.3

176 19.3 15.9 23.9

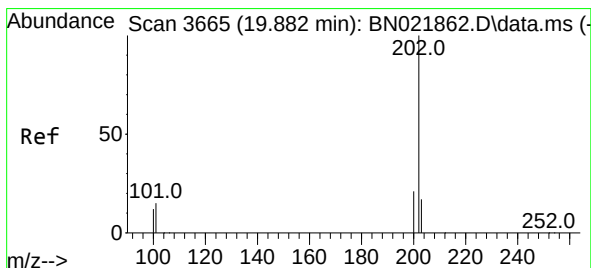
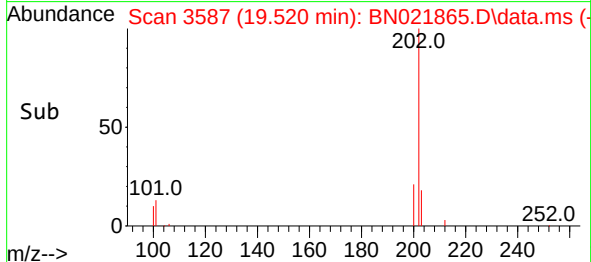
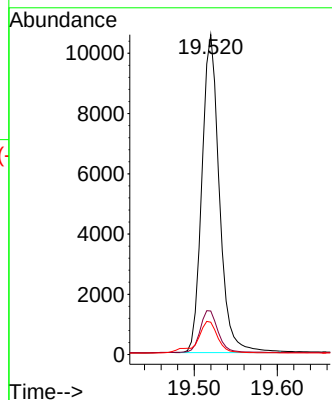
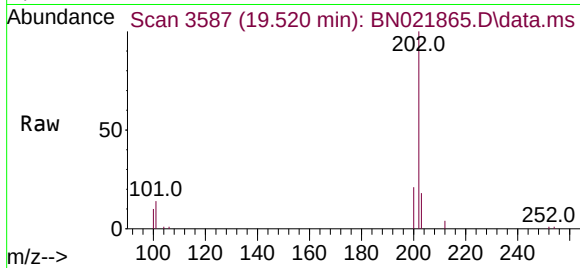




#19
Fluoranthene
Concen: 0.347 ng/ul
RT: 19.520 min Scan# 3586
Delta R.T. 0.005 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

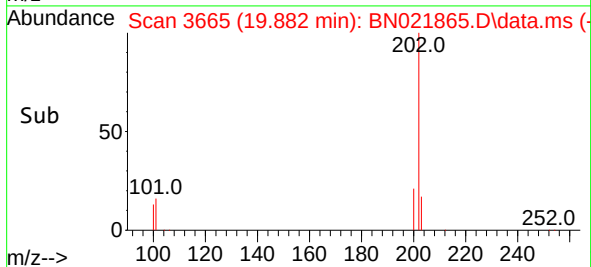
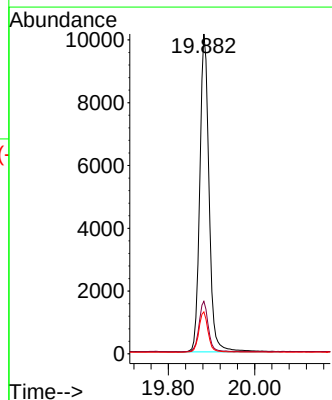
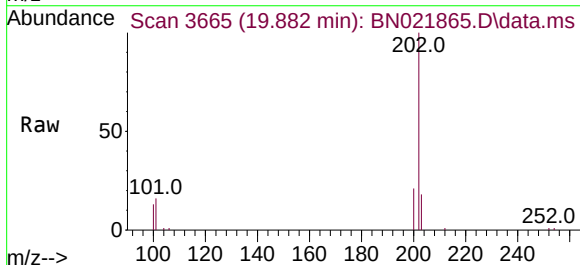
Instrument :
BNA_N
ClientSampleId :
SLCS691

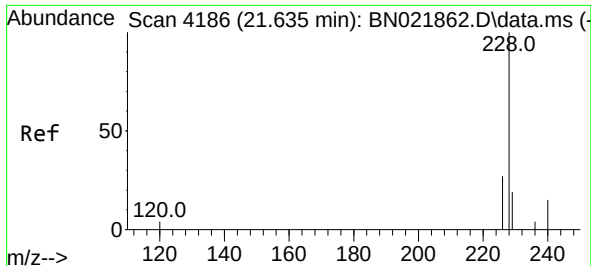
Tgt Ion:202 Resp: 15364
Ion Ratio Lower Upper
202 100
101 13.6 10.0 15.0
100 10.1 8.0 12.0



#20
Pyrene
Concen: 0.346 ng/ul
RT: 19.882 min Scan# 3665
Delta R.T. 0.005 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

Tgt Ion:202 Resp: 15134
Ion Ratio Lower Upper
202 100
101 16.4 11.3 16.9
100 13.1 9.0 13.4

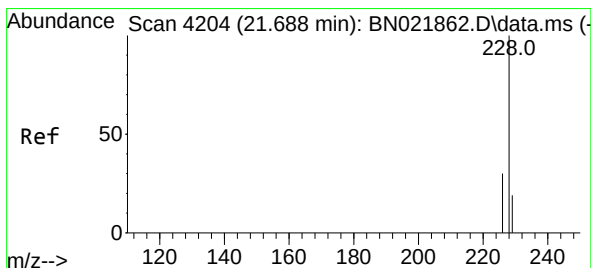
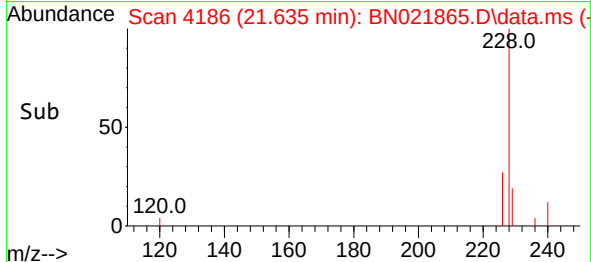
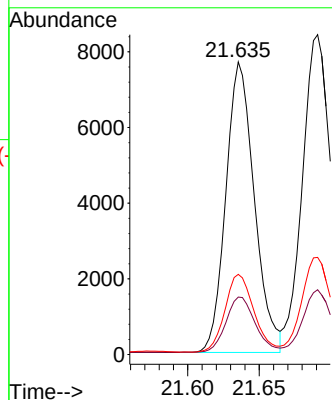
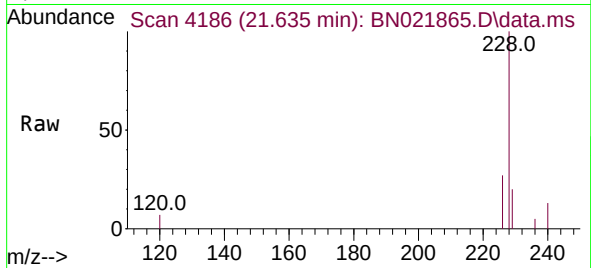




#21
Benzo(a)anthracene
Concen: 0.335 ng/ul
RT: 21.635 min Scan# 4186
Delta R.T. 0.006 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

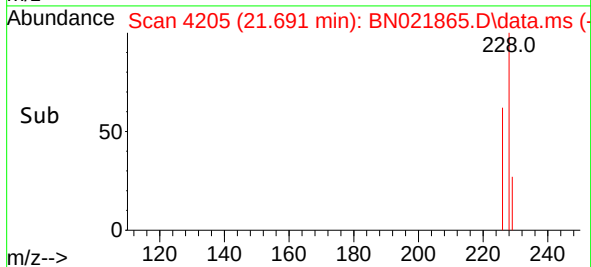
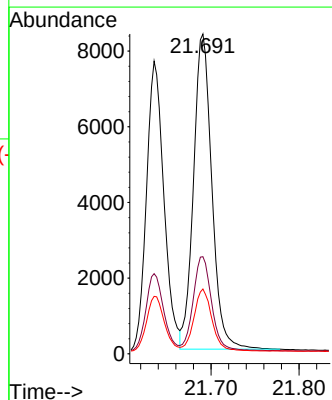
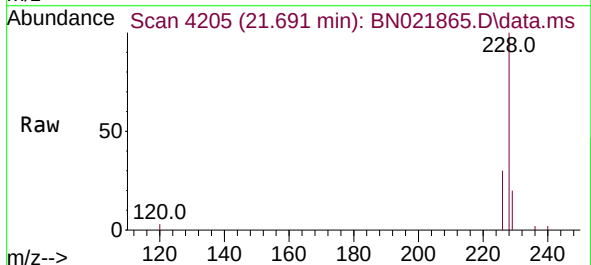
Instrument :
BNA_N
ClientSampleId :
SLCS691

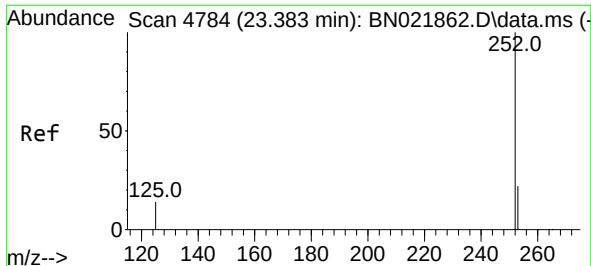
Tgt Ion:228 Resp: 10643
Ion Ratio Lower Upper
228 100
229 19.7 16.0 24.0
226 27.4 21.9 32.9



#22
Chrysene
Concen: 0.346 ng/ul
RT: 21.691 min Scan# 4205
Delta R.T. 0.006 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

Tgt Ion:228 Resp: 12020
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 20.3 15.8 23.8

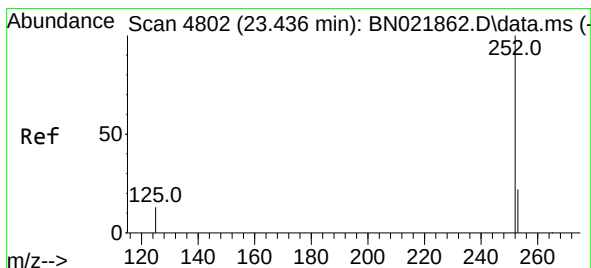
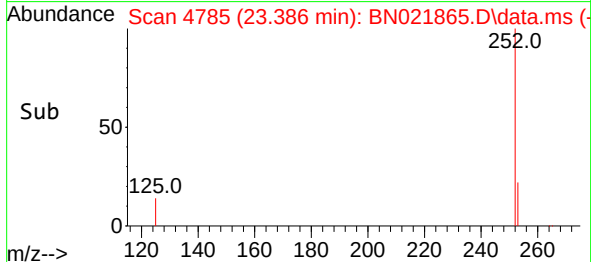
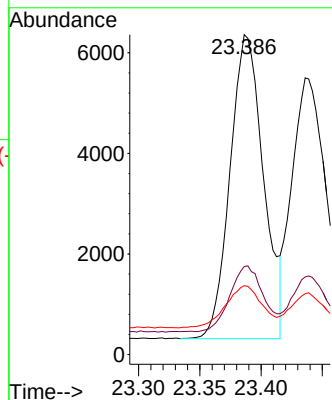
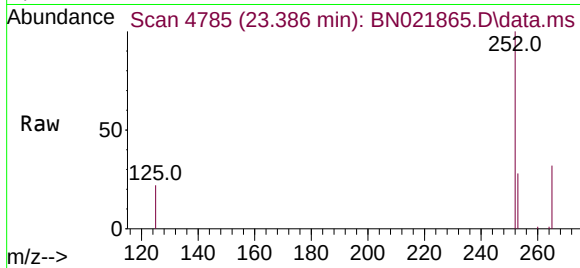




#24
Benzo(b)fluoranthene
Concen: 0.330 ng/ul
RT: 23.386 min Scan# 4785
Delta R.T. 0.006 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

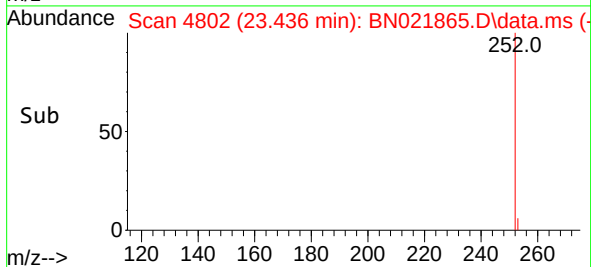
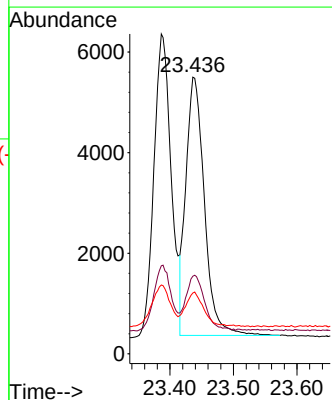
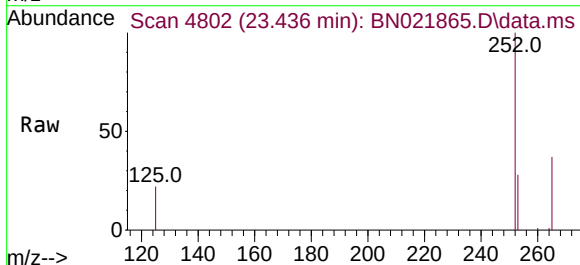
Instrument :
BNA_N
ClientSampleId :
SLCS691

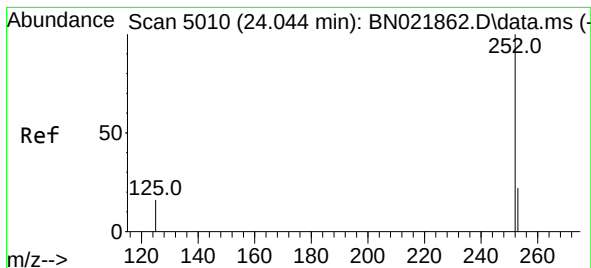
Tgt Ion:252 Resp: 11472
Ion Ratio Lower Upper
252 100
253 27.5 0.0 50.8
125 21.5 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.310 ng/ul
RT: 23.436 min Scan# 4802
Delta R.T. 0.006 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

Tgt Ion:252 Resp: 10426
Ion Ratio Lower Upper
252 100
253 28.1 20.6 31.0
125 22.0 11.8 17.6#





#26

Benzo(a)pyrene

Concen: 0.377 ng/ul

RT: 24.050 min Scan# 5010

Delta R.T. 0.009 min

Lab File: BN021865.D

Acq: 22 Sep 2022 11:32

Instrument :

BNA_N

ClientSampleId :

SLCS691

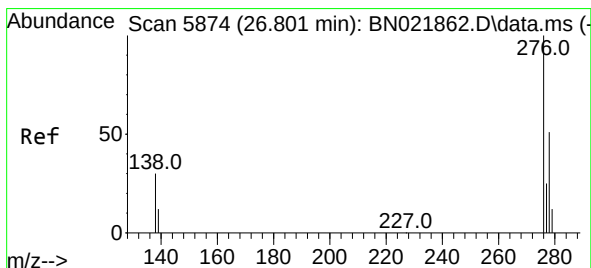
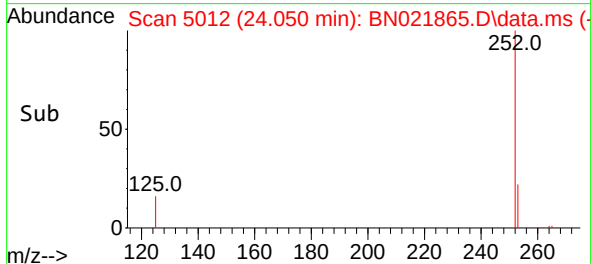
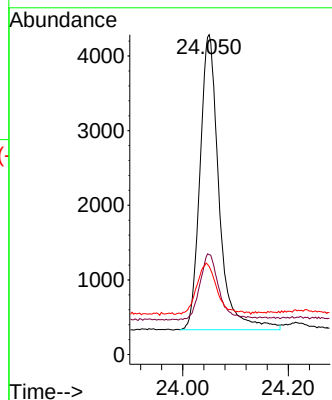
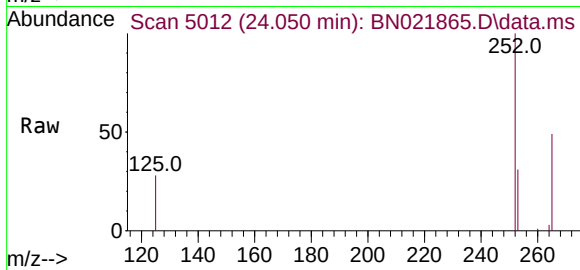
Tgt Ion:252 Resp: 9899

Ion Ratio Lower Upper

252 100

253 31.3 22.1 33.1

125 27.6 14.7 22.1#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.384 ng/ul

RT: 26.807 min Scan# 5876

Delta R.T. 0.016 min

Lab File: BN021865.D

Acq: 22 Sep 2022 11:32

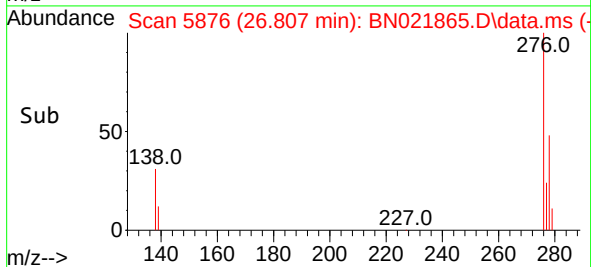
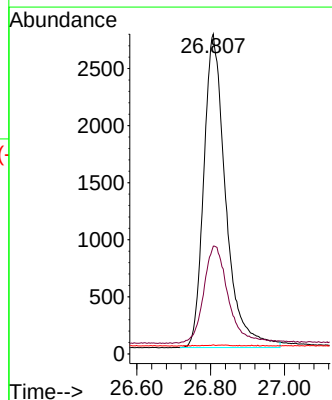
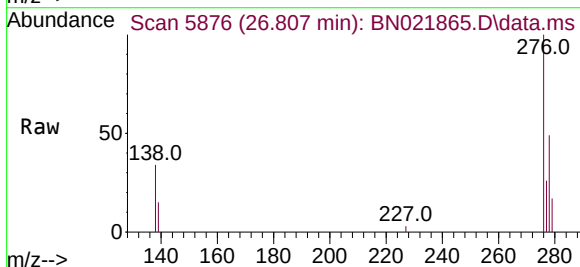
Tgt Ion:276 Resp: 11347

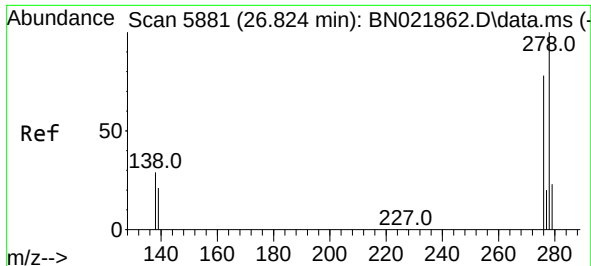
Ion Ratio Lower Upper

276 100

138 34.5 26.1 39.1

227 0.1 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.361 ng/ul

RT: 26.834 min Scan# 5881

Delta R.T. 0.016 min

Lab File: BN021865.D

Acq: 22 Sep 2022 11:32

Instrument :

BNA_N

ClientSampleId :

SLCS691

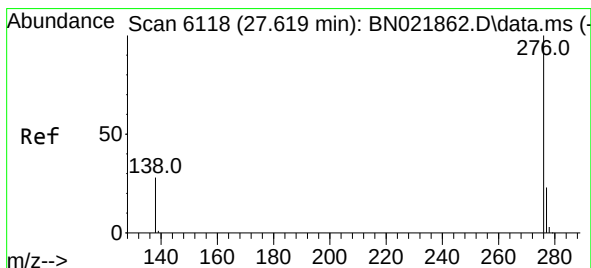
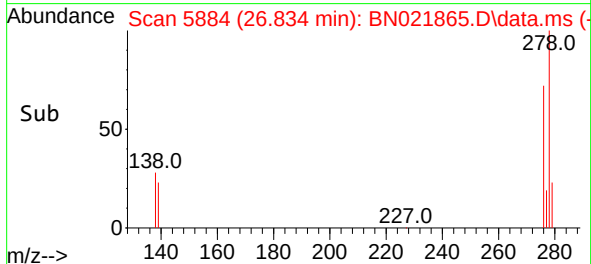
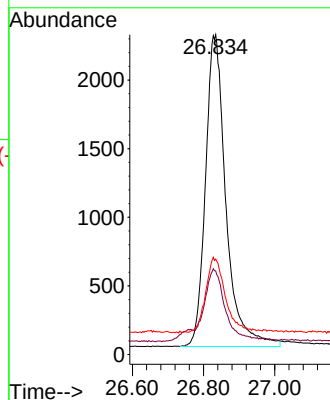
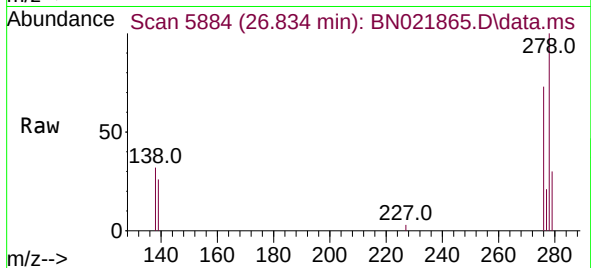
Tgt Ion:278 Resp: 9068

Ion Ratio Lower Upper

278 100

139 26.1 18.3 27.5

279 29.9 23.9 35.9



#29

Benzo(g,h,i)perylene

Concen: 0.373 ng/ul

RT: 27.622 min Scan# 6119

Delta R.T. 0.013 min

Lab File: BN021865.D

Acq: 22 Sep 2022 11:32

Tgt Ion:276 Resp: 10150

Ion Ratio Lower Upper

276 100

138 32.1 22.6 34.0

277 25.7 20.2 30.2

