

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
 Data File : BN022199.D
 Acq On : 19 Oct 2022 16:55
 Operator : CG/JU
 Sample : PB148235BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS235

Quant Time: Oct 20 01:07:03 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)

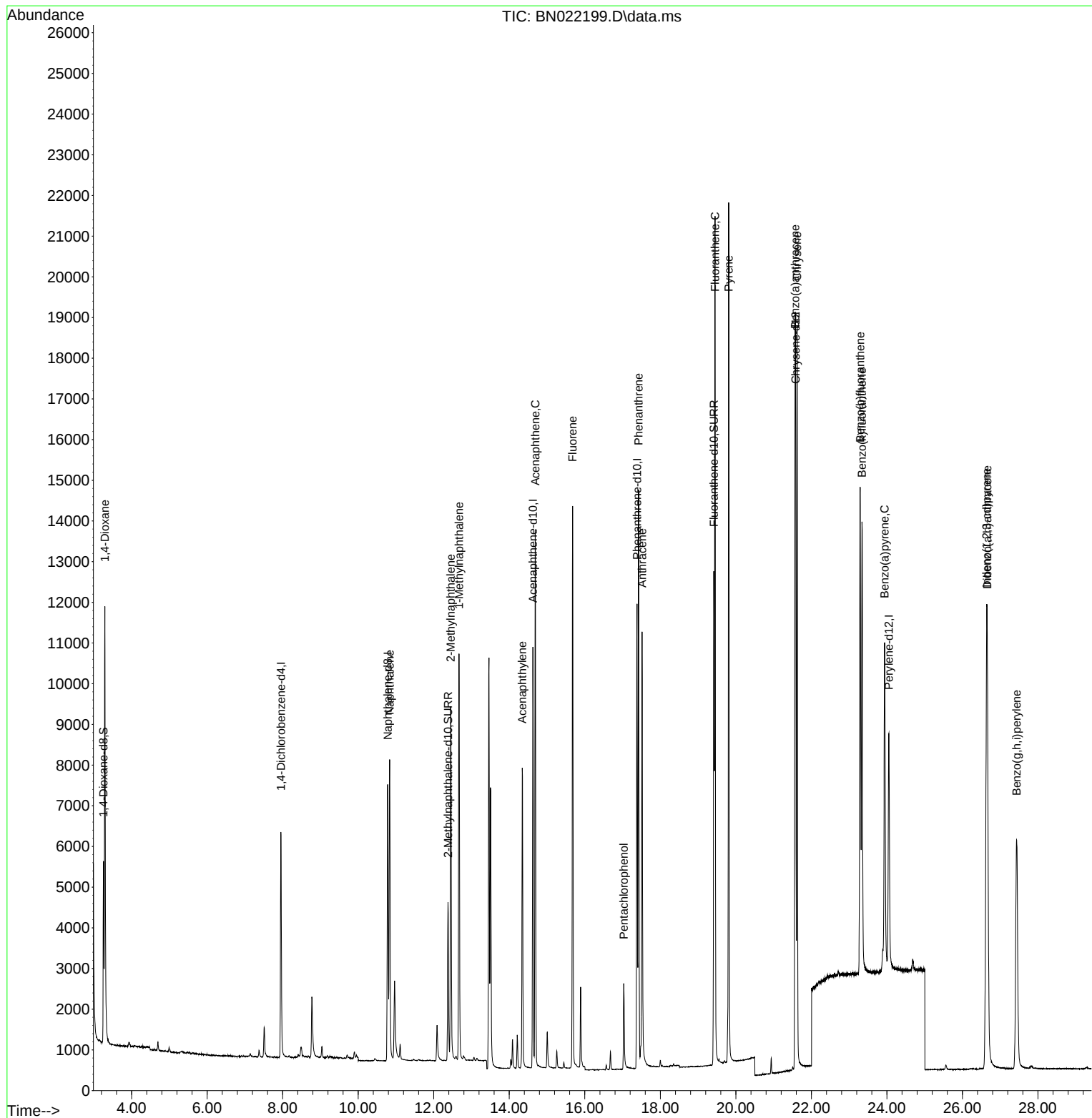
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	3150	0.400	ng/u1	0.00
4) Naphthalene-d8	10.783	136	9793	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.628	164	5665	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.383	188	12828	0.400	ng/u1	0.00
17) Chrysene-d12	21.585	240	10993	0.400	ng/u1	0.00
23) Perylene-d12	24.049	264	8662	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	2924	0.714	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.378	152	5499	0.371	ng/u1	0.00
18) Fluoranthene-d10	19.417	212	12758	0.346	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.291	88	7619	1.813	ng/u1	88
5) Naphthalene	10.833	128	10695	0.370	ng/u1	100
7) 2-Methylnaphthalene	12.450	142	6695	0.367	ng/u1	100
8) 1-Methylnaphthalene	12.670	142	7256	0.387	ng/u1	100
10) Acenaphthylene	14.346	152	8935	0.351	ng/u1	99
11) Acenaphthene	14.688	153	7754	0.362	ng/u1	99
12) Fluorene	15.678	166	8954	0.359	ng/u1	99
14) Pentachlorophenol	17.032	266	1687	0.553	ng/u1	99
15) Phenanthrene	17.425	178	15373	0.357	ng/u1	99
16) Anthracene	17.518	178	12713	0.350	ng/u1	99
19) Fluoranthene	19.449	202	17318	0.344	ng/u1	98
20) Pyrene	19.812	202	17664	0.349	ng/u1	100
21) Benzo(a)anthracene	21.567	228	14578	0.354	ng/u1	99
22) Chrysene	21.623	228	16077	0.368	ng/u1	100
24) Benzo(b)fluoranthene	23.292	252	16332	0.375	ng/u1	97
25) Benzo(k)fluoranthene	23.341	252	15328	0.362	ng/u1	99
26) Benzo(a)pyrene	23.941	252	13071	0.377	ng/u1	96
27) Indeno(1,2,3-cd)pyrene	26.638	276	16775	0.389	ng/u1#	100
28) Dibenzo(a,h)anthracene	26.659	278	13299	0.386	ng/u1	98
29) Benzo(g,h,i)perylene	27.437	276	13498	0.384	ng/u1	99

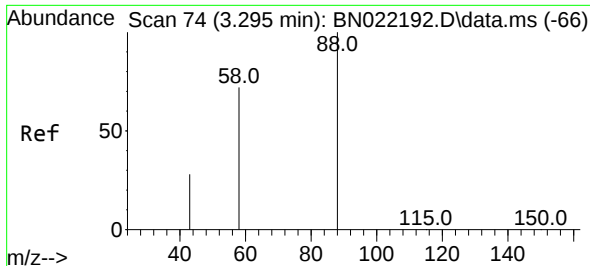
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
Data File : BN022199.D
Acq On : 19 Oct 2022 16:55
Operator : CG/JU
Sample : PB148235BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS235

Quant Time: Oct 20 01:07:03 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

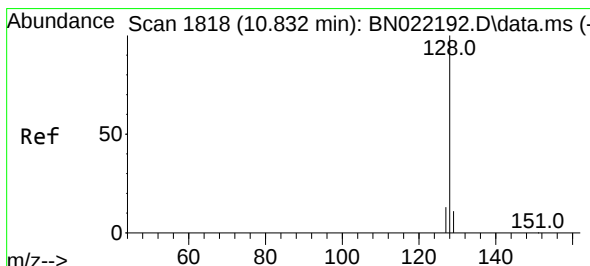
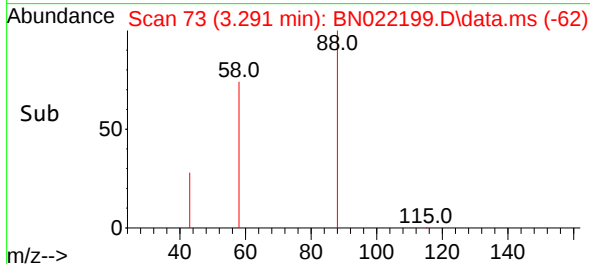
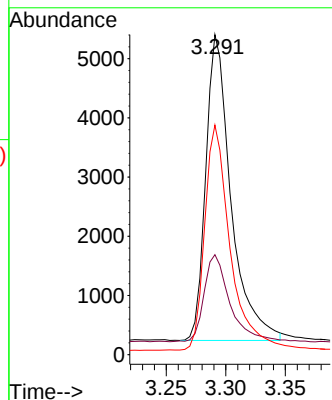
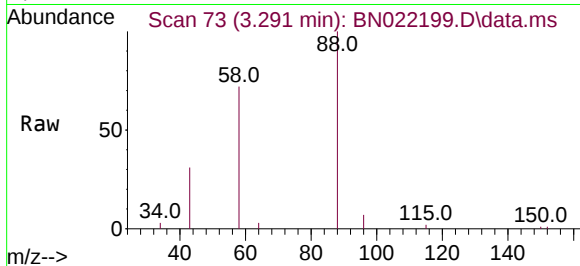




#2
1,4-Dioxane
Concen: 1.813 ng/ul
RT: 3.291 min Scan# 74
Delta R.T. -0.004 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

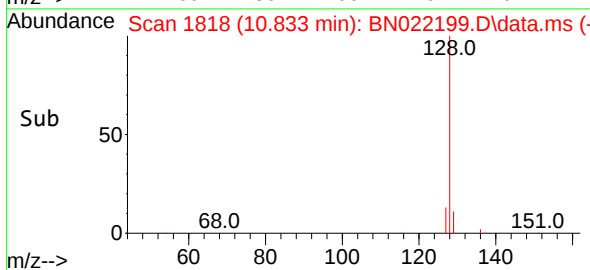
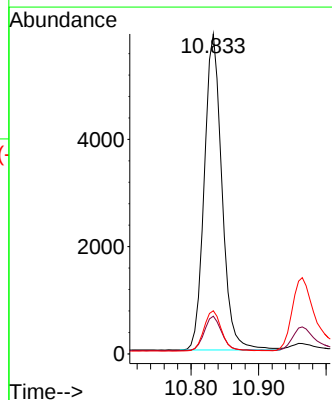
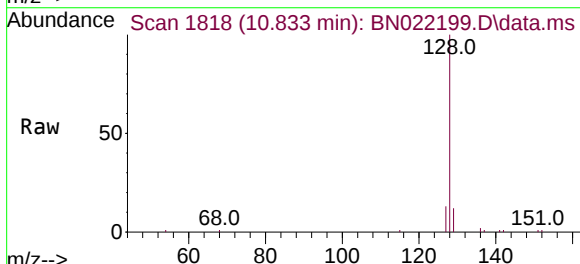
Instrument :
BNA_N
ClientSampleId :
SLCS235

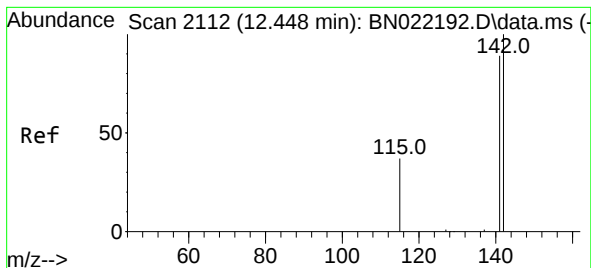
Tgt Ion: 88 Resp: 7619
Ion Ratio Lower Upper
88 100
43 31.2 27.4 41.2
58 71.7 48.2 72.2



#5
Naphthalene
Concen: 0.370 ng/ul
RT: 10.833 min Scan# 1818
Delta R.T. 0.001 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Tgt Ion: 128 Resp: 10695
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.5 10.7 16.1

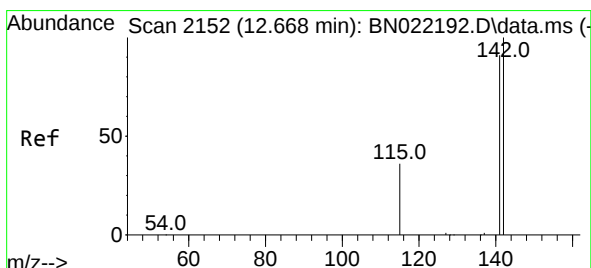
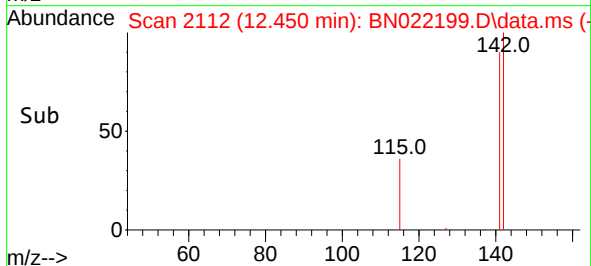
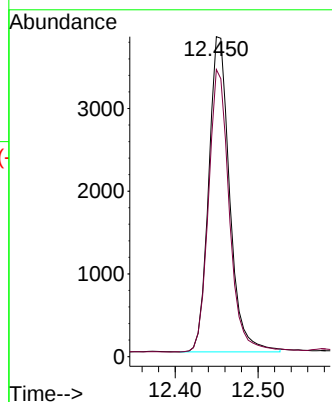
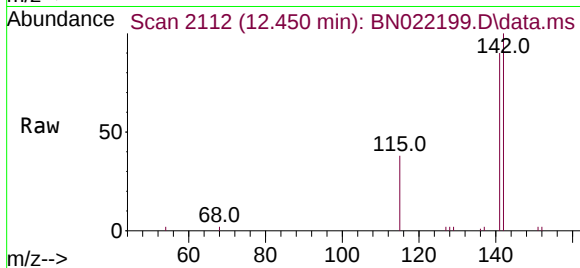




#7
2-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 12.450 min Scan# 2112
Delta R.T. 0.001 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

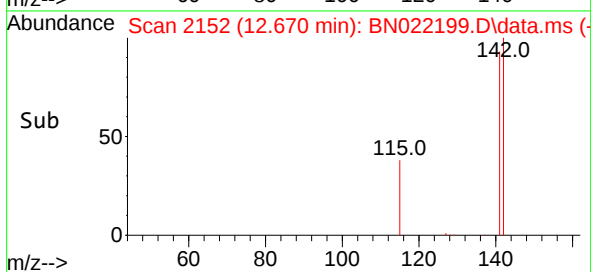
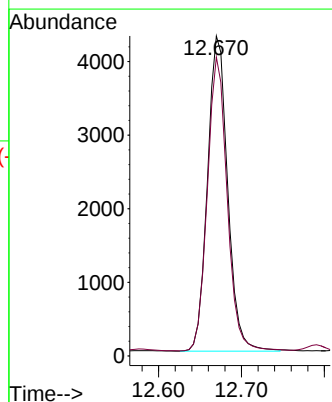
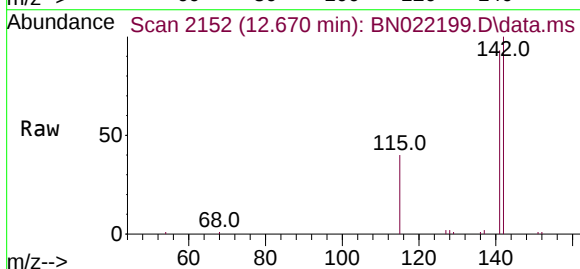
Instrument :
BNA_N
ClientSampleId :
SLCS235

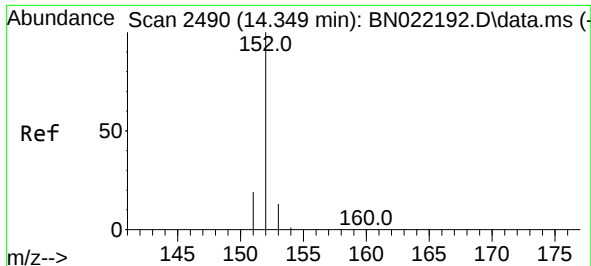
Tgt Ion:142 Resp: 6695
Ion Ratio Lower Upper
142 100
141 88.7 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.670 min Scan# 2152
Delta R.T. 0.001 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Tgt Ion:142 Resp: 7256
Ion Ratio Lower Upper
142 100
141 91.7 73.3 109.9

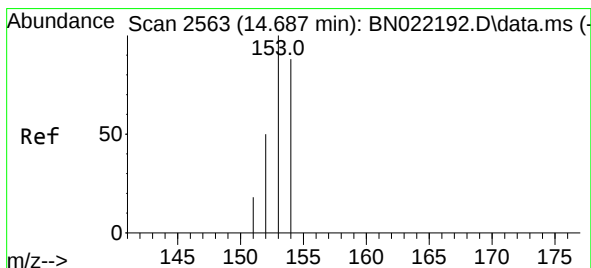
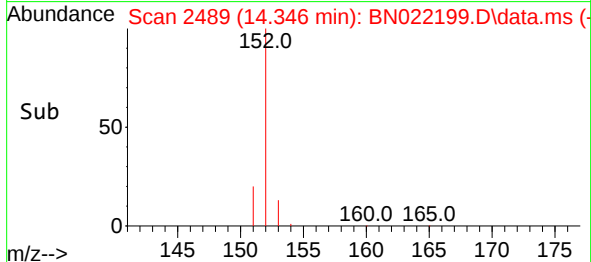
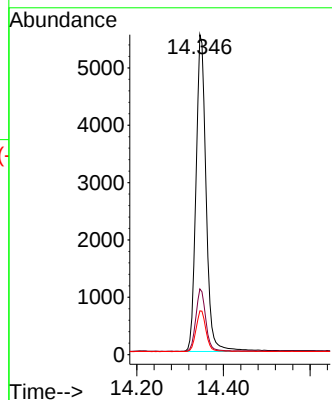
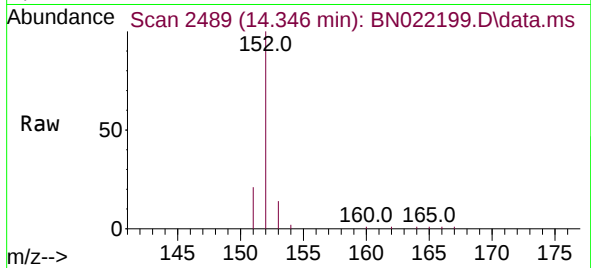




#10
Acenaphthylene
Concen: 0.351 ng/ul
RT: 14.346 min Scan# 2490
Delta R.T. -0.003 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

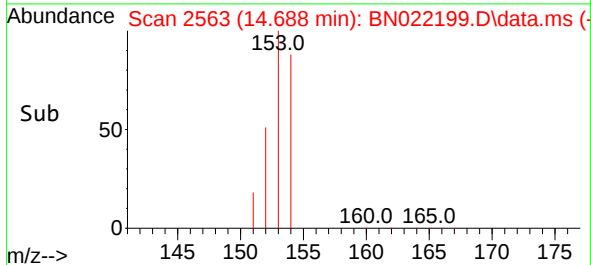
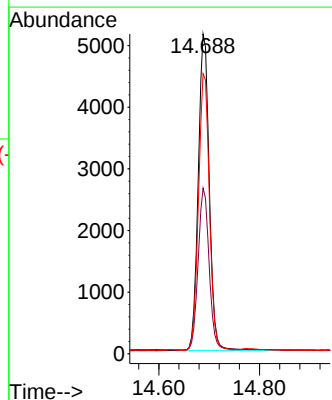
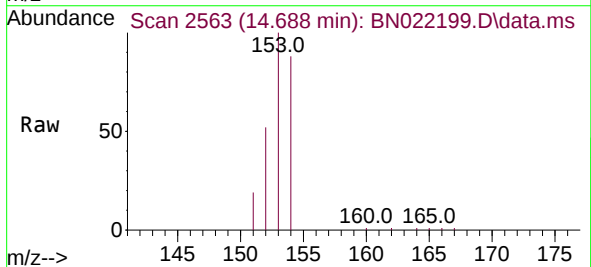
Instrument :
BNA_N
ClientSampleId :
SLCS235

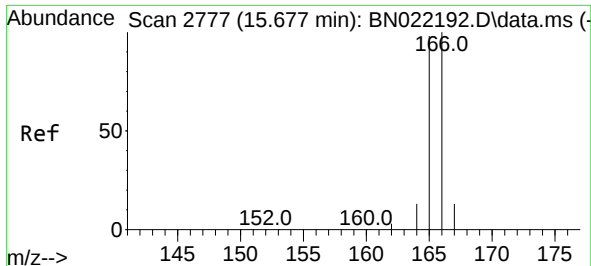
Tgt Ion:152 Resp: 8935
Ion Ratio Lower Upper
152 100
151 20.6 15.9 23.9
153 13.7 10.8 16.2



#11
Acenaphthene
Concen: 0.362 ng/ul
RT: 14.688 min Scan# 2563
Delta R.T. 0.001 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Tgt Ion:153 Resp: 7754
Ion Ratio Lower Upper
153 100
152 51.8 40.6 61.0
154 87.6 70.6 106.0

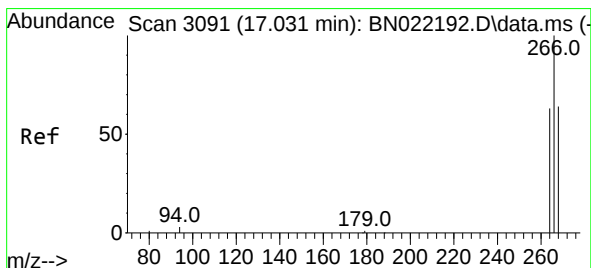
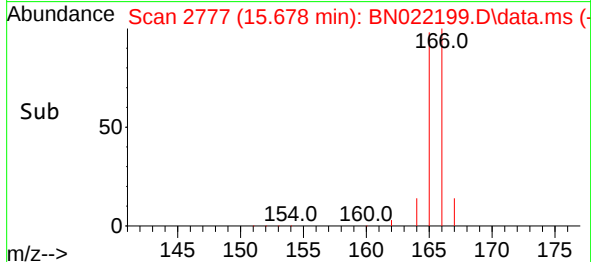
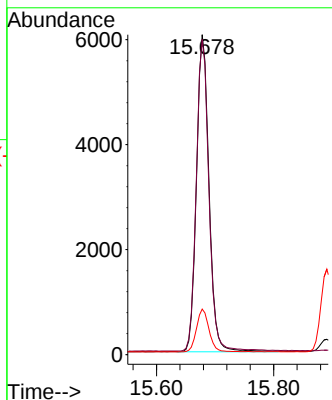
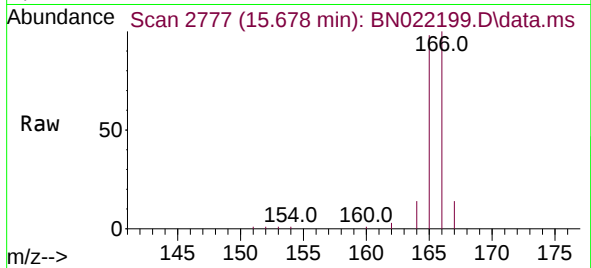




#12
Fluorene
Concen: 0.359 ng/ul
RT: 15.678 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

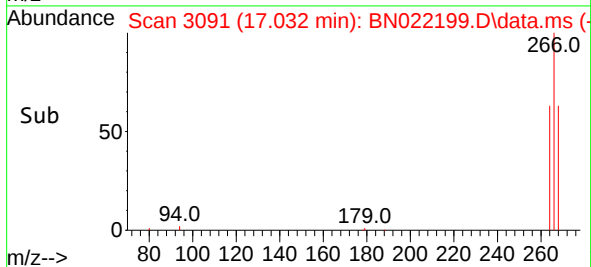
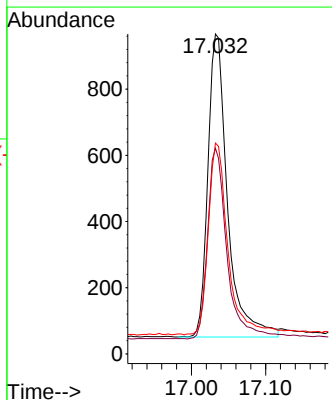
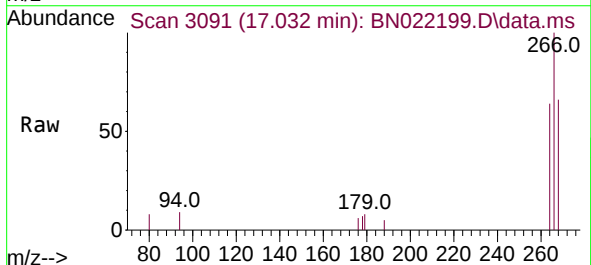
Instrument :
BNA_N
ClientSampleId :
SLCS235

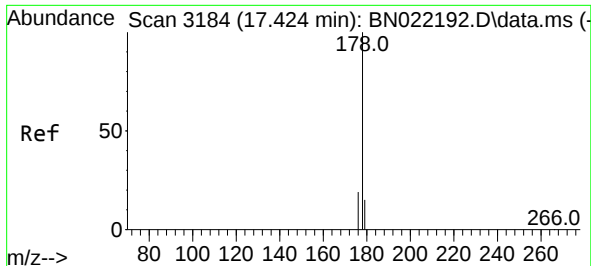
Tgt Ion:166 Resp: 8954
Ion Ratio Lower Upper
166 100
165 98.5 78.2 117.2
167 14.2 11.0 16.4



#14
Pentachlorophenol
Concen: 0.553 ng/ul
RT: 17.032 min Scan# 3091
Delta R.T. 0.001 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Tgt Ion:266 Resp: 1687
Ion Ratio Lower Upper
266 100
264 62.5 49.8 74.6
268 63.3 51.4 77.2

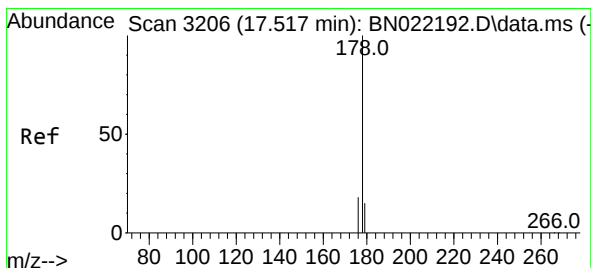
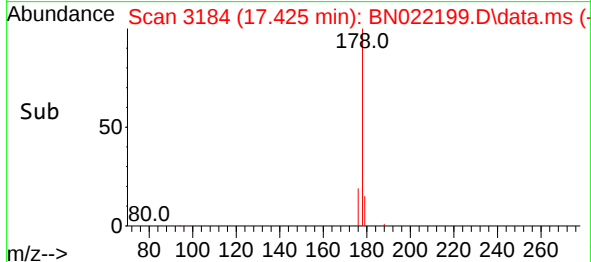
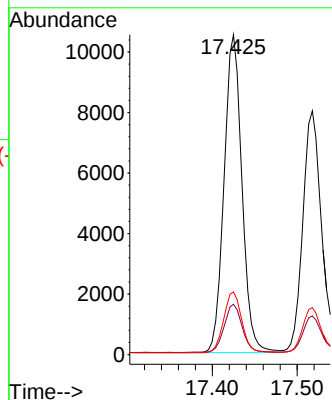
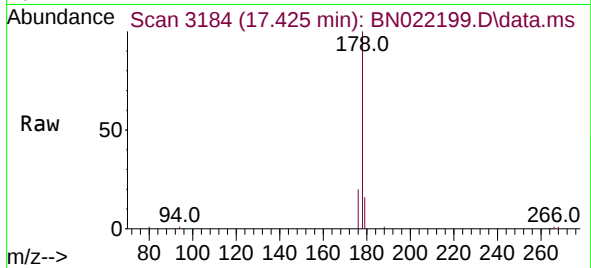




#15
Phenanthrene
Concen: 0.357 ng/ul
RT: 17.425 min Scan# 3184
Delta R.T. 0.001 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

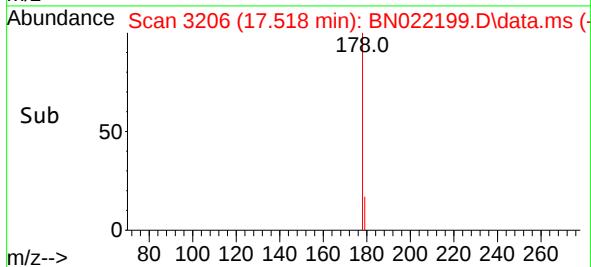
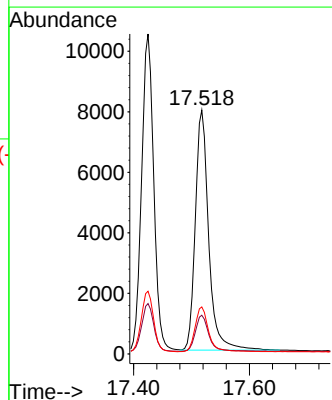
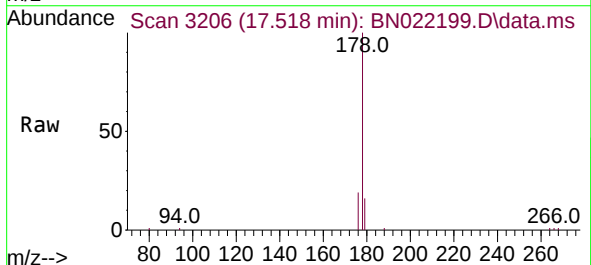
Instrument :
BNA_N
ClientSampleId :
SLCS235

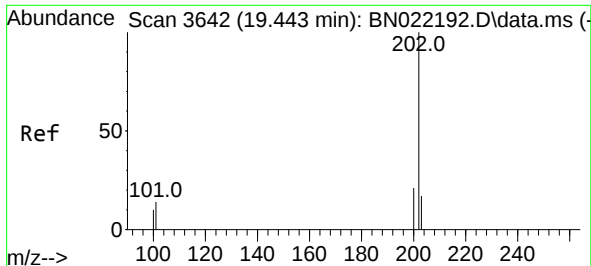
Tgt Ion:178 Resp: 15373
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.6 15.4 23.2



#16
Anthracene
Concen: 0.350 ng/ul
RT: 17.518 min Scan# 3206
Delta R.T. 0.001 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Tgt Ion:178 Resp: 12713
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.2 15.0 22.6

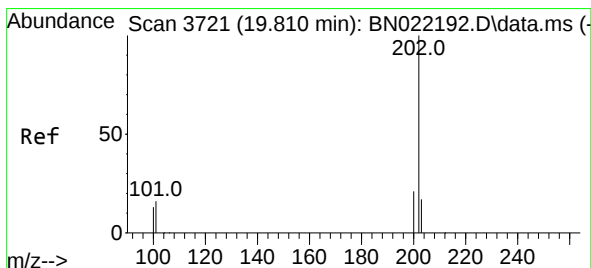
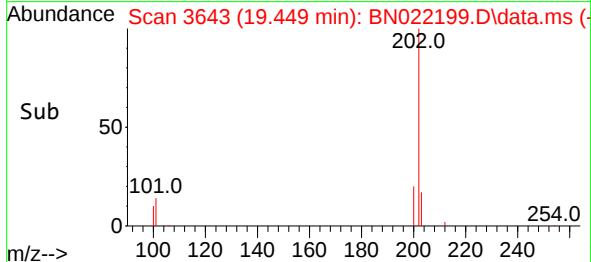
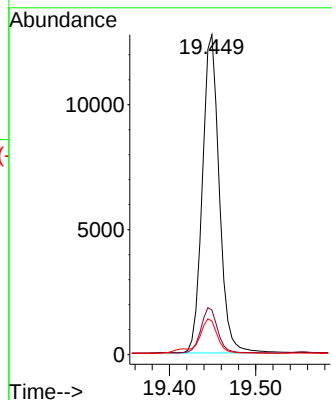
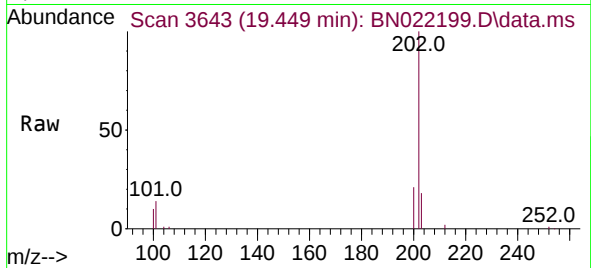




#19
Fluoranthene
Concen: 0.344 ng/ul
RT: 19.449 min Scan# 3643
Delta R.T. 0.006 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

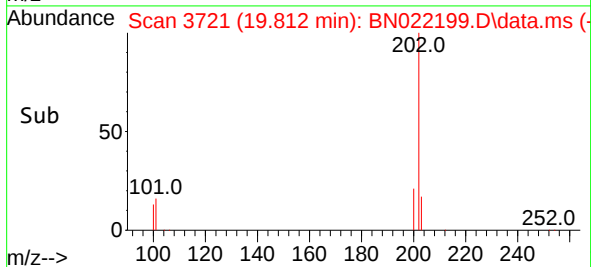
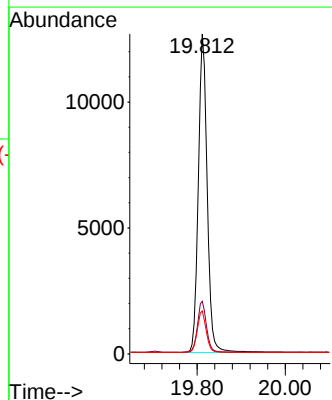
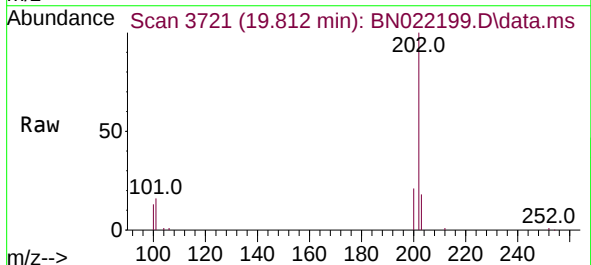
Instrument :
BNA_N
ClientSampleId :
SLCS235

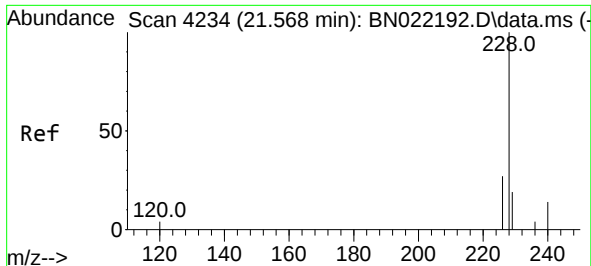
Tgt Ion:202 Resp: 17318
Ion Ratio Lower Upper
202 100
101 13.9 11.8 17.6
100 10.5 8.7 13.1



#20
Pyrene
Concen: 0.349 ng/ul
RT: 19.812 min Scan# 3721
Delta R.T. 0.001 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Tgt Ion:202 Resp: 17664
Ion Ratio Lower Upper
202 100
101 16.4 13.1 19.7
100 13.4 10.6 16.0

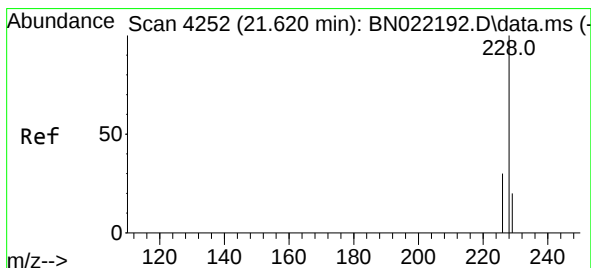
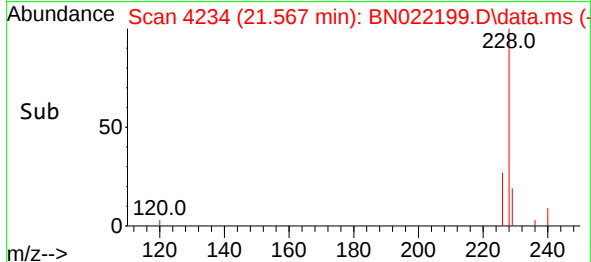
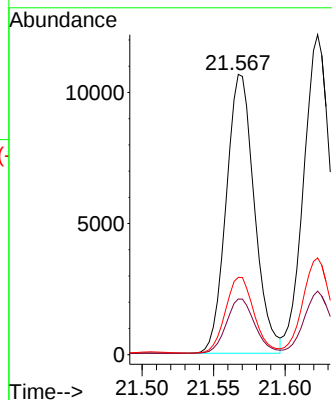
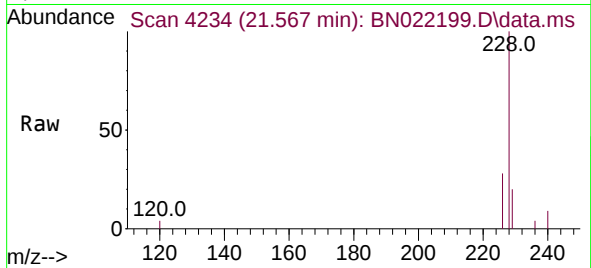




#21
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.567 min Scan# 41
Delta R.T. -0.001 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

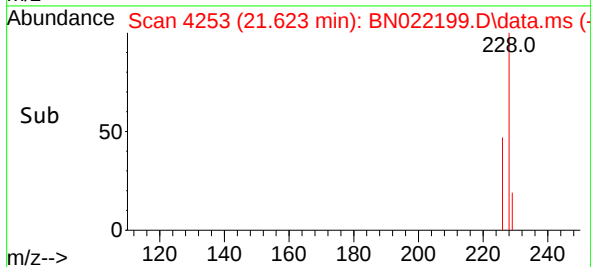
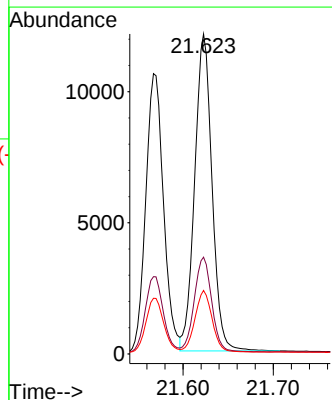
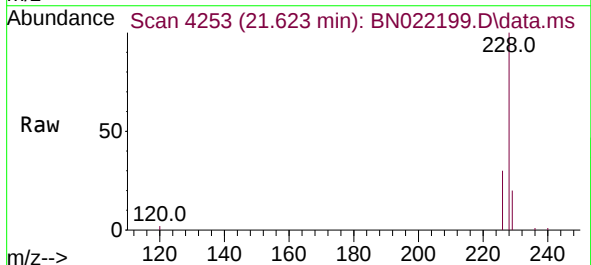
Instrument :
BNA_N
ClientSampleId :
SLCS235

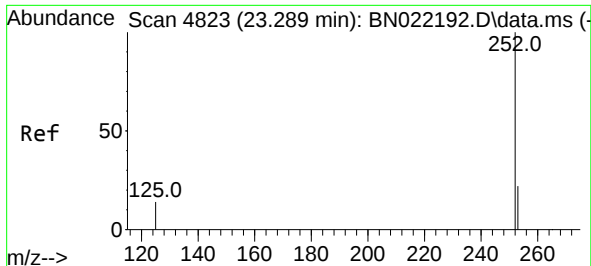
Tgt Ion:228 Resp: 14578
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 27.6 21.5 32.3



#22
Chrysene
Concen: 0.368 ng/ul
RT: 21.623 min Scan# 4253
Delta R.T. 0.002 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Tgt Ion:228 Resp: 16077
Ion Ratio Lower Upper
228 100
226 30.2 23.9 35.9
229 19.8 15.9 23.9

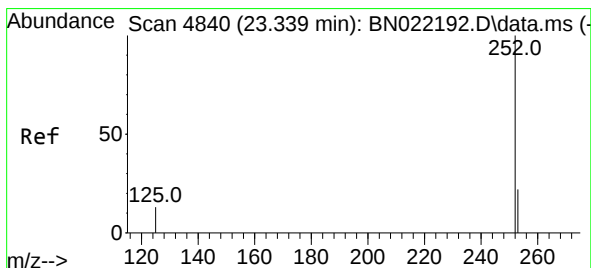
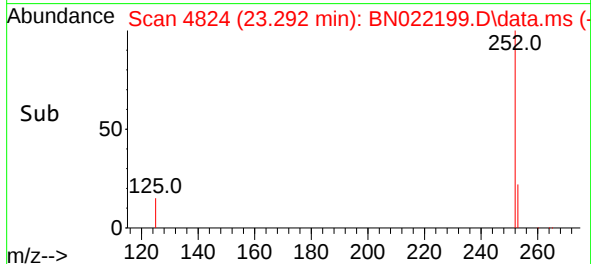
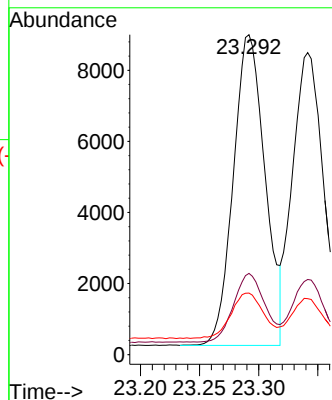
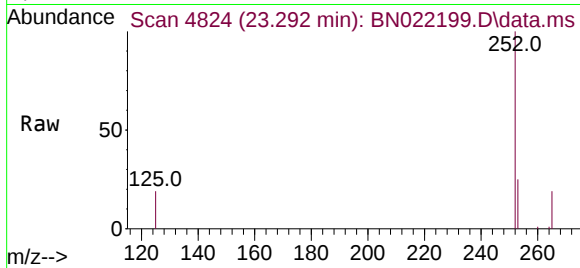




#24
Benzo(b)fluoranthene
Concen: 0.375 ng/ul
RT: 23.292 min Scan# 4824
Delta R.T. 0.002 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

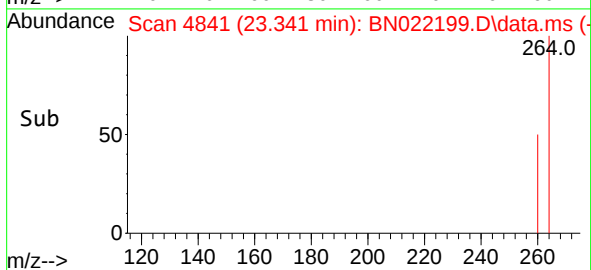
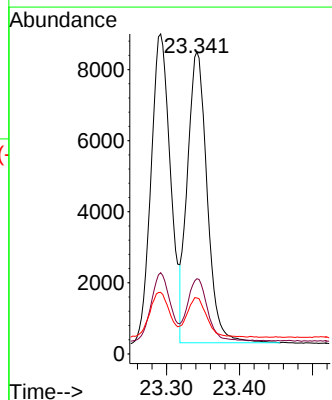
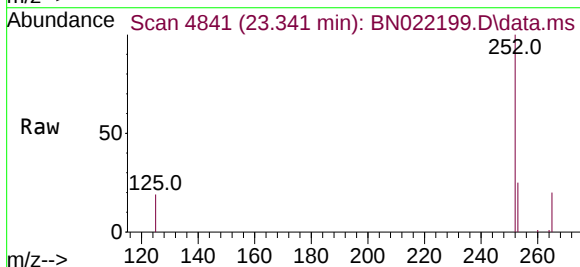
Instrument :
BNA_N
ClientSampleId :
SLCS235

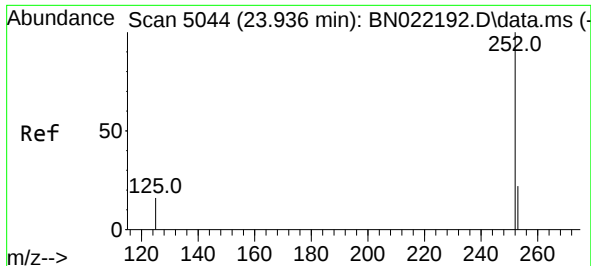
Tgt Ion:252 Resp: 16332
Ion Ratio Lower Upper
252 100
253 25.4 0.0 49.0
125 19.2 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.362 ng/ul
RT: 23.341 min Scan# 4841
Delta R.T. 0.002 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Tgt Ion:252 Resp: 15328
Ion Ratio Lower Upper
252 100
253 24.9 19.7 29.5
125 18.5 14.0 21.0

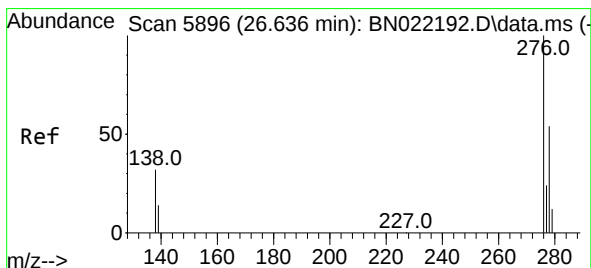
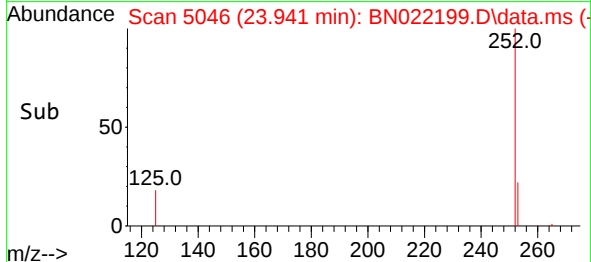
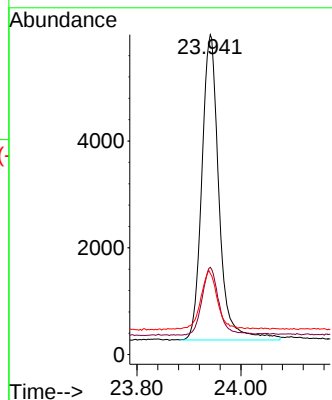
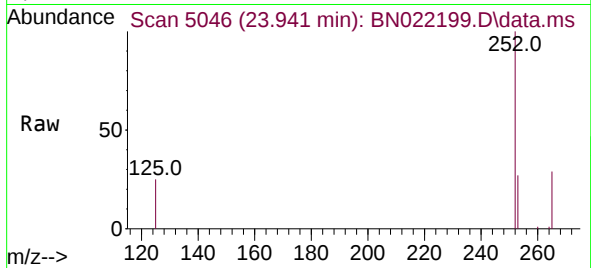




#26
Benzo(a)pyrene
Concen: 0.377 ng/ul
RT: 23.941 min Scan# 5046
Delta R.T. 0.005 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

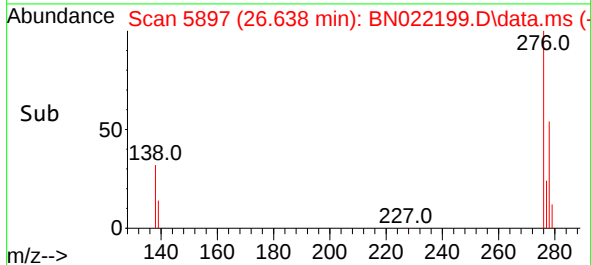
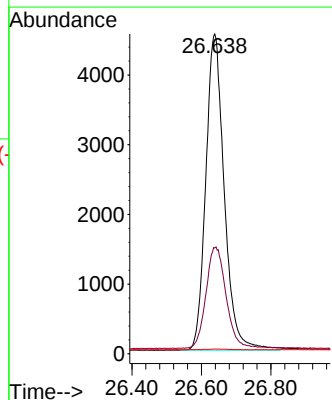
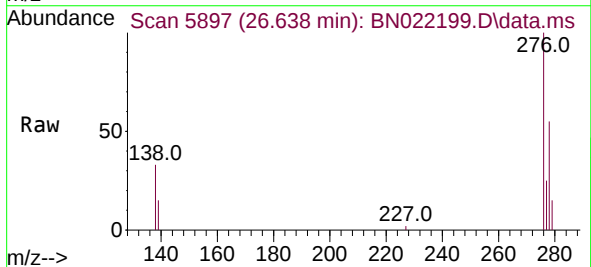
Instrument :
BNA_N
ClientSampleId :
SLCS235

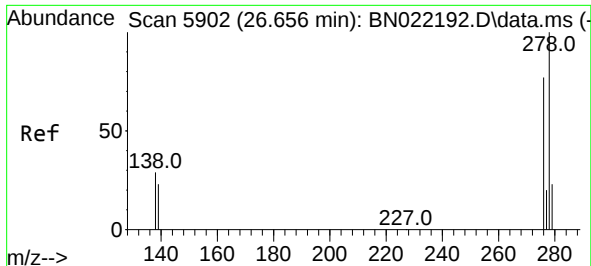
Tgt Ion:	252	Resp:	13071
Ion Ratio	Lower	Upper	
252	100		
253	27.3	21.0	31.6
125	25.3	17.9	26.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng/ul
RT: 26.638 min Scan# 5897
Delta R.T. 0.003 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Tgt Ion:	276	Resp:	16775
Ion Ratio	Lower	Upper	
276	100		
138	34.8	27.7	41.5
227	0.0	0.2	0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.386 ng/ul

RT: 26.659 min Scan# 5902

Delta R.T. 0.003 min

Lab File: BN022199.D

Acq: 19 Oct 2022 16:55

Instrument :

BNA_N

ClientSampleId :

SLCS235

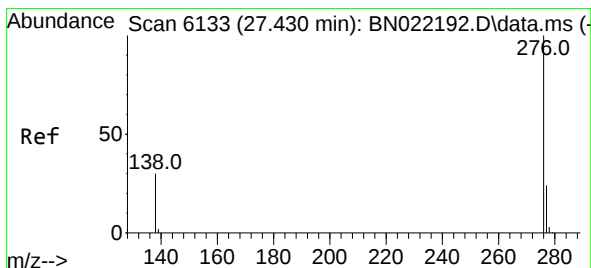
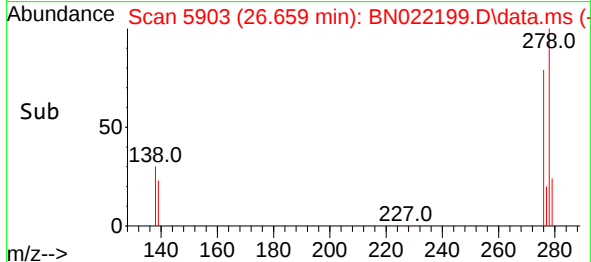
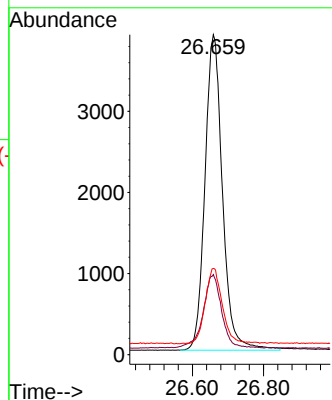
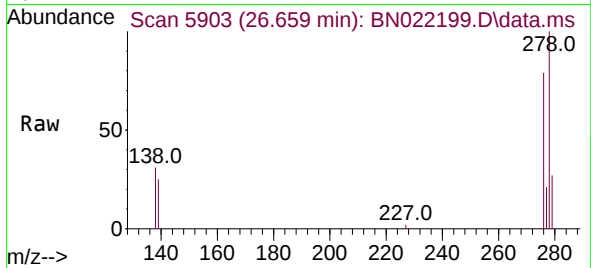
Tgt Ion:278 Resp: 13299

Ion Ratio Lower Upper

278 100

139 25.0 19.6 29.4

279 26.9 20.6 30.8



#29

Benzo(g,h,i)perylene

Concen: 0.384 ng/ul

RT: 27.437 min Scan# 6135

Delta R.T. 0.006 min

Lab File: BN022199.D

Acq: 19 Oct 2022 16:55

Tgt Ion:276 Resp: 13498

Ion Ratio Lower Upper

276 100

138 30.8 25.2 37.8

277 25.4 19.9 29.9

