

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
 Data File : BN022212.D
 Acq On : 20 Oct 2022 00:51
 Operator : CG/JU
 Sample : PB148237BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS237

Quant Time: Oct 20 01:24:37 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)

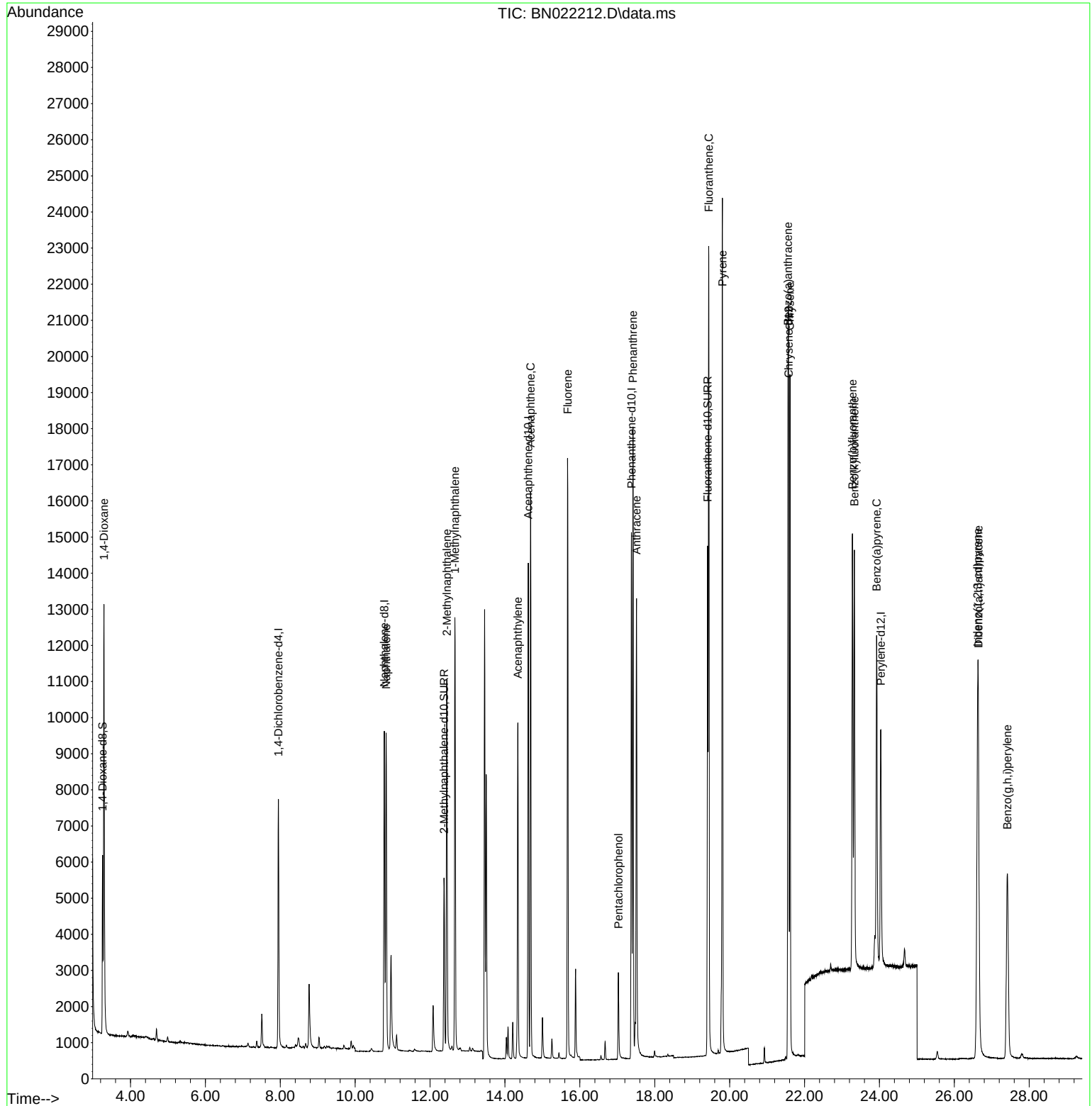
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	3843	0.400	ng/u1	0.00
4) Naphthalene-d8	10.778	136	12432	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.623	164	7509	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.379	188	16617	0.400	ng/u1	0.00
17) Chrysene-d12	21.576	240	12707	0.400	ng/u1	0.00
23) Perylene-d12	24.037	264	9782	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	3267	0.654	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.373	152	6567	0.349	ng/u1	0.00
18) Fluoranthene-d10	19.412	212	14521	0.340	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.291	88	8380	1.634	ng/u1	89
5) Naphthalene	10.827	128	12392	0.337	ng/u1	100
7) 2-Methylnaphthalene	12.450	142	7848	0.339	ng/u1	100
8) 1-Methylnaphthalene	12.664	142	8590	0.361	ng/u1	100
10) Acenaphthylene	14.346	152	10939	0.325	ng/u1	99
11) Acenaphthene	14.683	153	9298	0.327	ng/u1	100
12) Fluorene	15.673	166	10685	0.324	ng/u1	98
14) Pentachlorophenol	17.028	266	1757	0.445	ng/u1	100
15) Phenanthrene	17.421	178	18206	0.326	ng/u1	99
16) Anthracene	17.514	178	15280	0.325	ng/u1	100
19) Fluoranthene	19.445	202	19677	0.338	ng/u1	98
20) Pyrene	19.807	202	19995	0.342	ng/u1	100
21) Benzo(a)anthracene	21.558	228	15914	0.334	ng/u1	99
22) Chrysene	21.611	228	16954	0.336	ng/u1	99
24) Benzo(b)fluoranthene	23.280	252	16718	0.340	ng/u1	96
25) Benzo(k)fluoranthene	23.330	252	15605	0.327	ng/u1	98
26) Benzo(a)pyrene	23.926	252	13536	0.346	ng/u1#	94
27) Indeno(1,2,3-cd)pyrene	26.622	276	15490	0.318	ng/u1#	100
28) Dibenzo(a,h)anthracene	26.642	278	12313	0.317	ng/u1	99
29) Benzo(g,h,i)perylene	27.416	276	12158	0.307	ng/u1	100

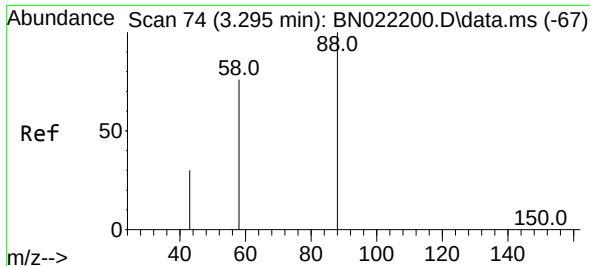
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
Data File : BN022212.D
Acq On : 20 Oct 2022 00:51
Operator : CG/JU
Sample : PB148237BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS237

Quant Time: Oct 20 01:24:37 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

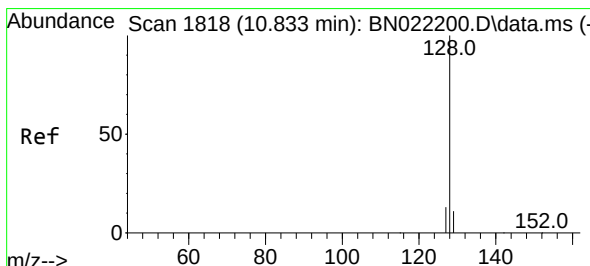
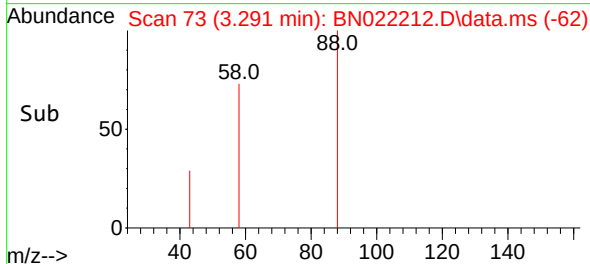
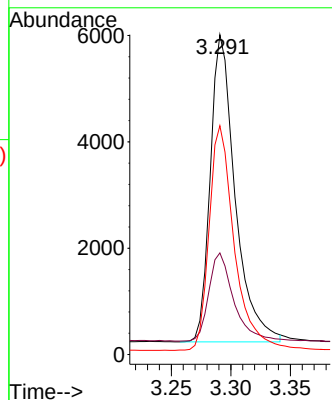
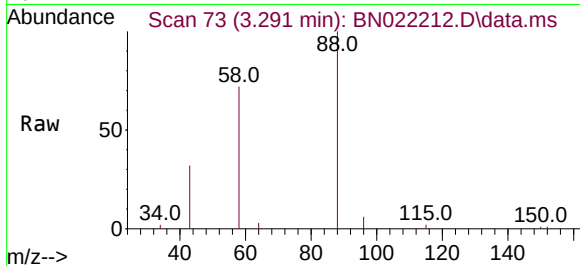




#2
1,4-Dioxane
Concen: 1.634 ng/ul
RT: 3.291 min Scan# 74
Delta R.T. -0.004 min
Lab File: BN022212.D
Acq: 20 Oct 2022 00:51

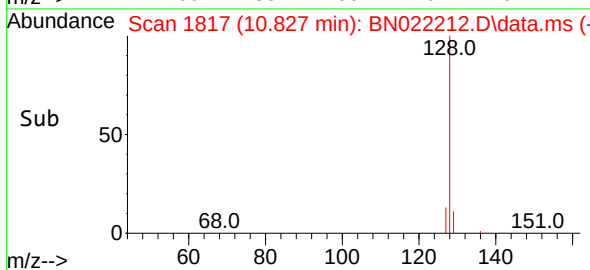
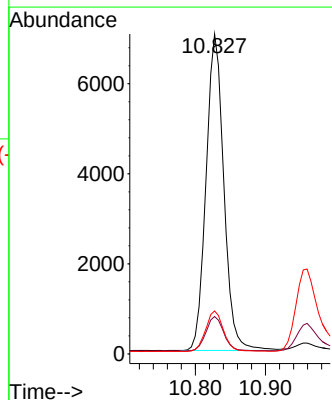
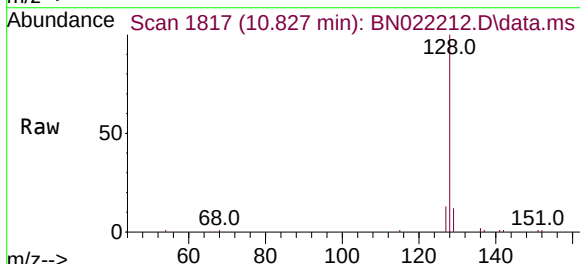
Instrument :
BNA_N
ClientSampleId :
SLCS237

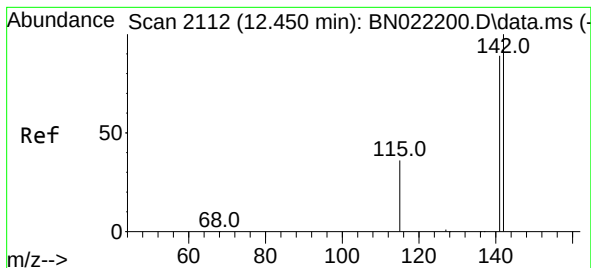
Tgt Ion: 88 Resp: 8380
Ion Ratio Lower Upper
88 100
43 31.8 27.4 41.2
58 71.5 48.2 72.2



#5
Naphthalene
Concen: 0.337 ng/ul
RT: 10.827 min Scan# 1817
Delta R.T. -0.004 min
Lab File: BN022212.D
Acq: 20 Oct 2022 00:51

Tgt Ion: 128 Resp: 12392
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.4 10.7 16.1

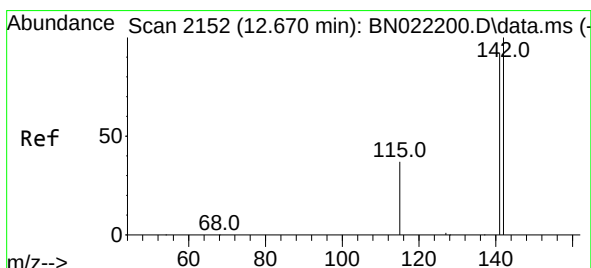
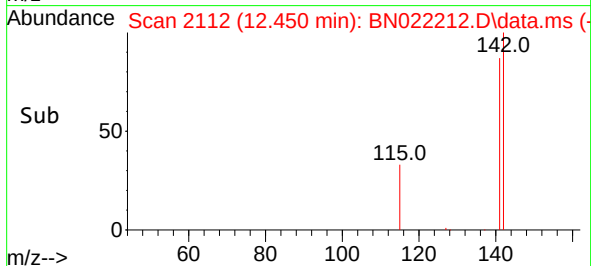
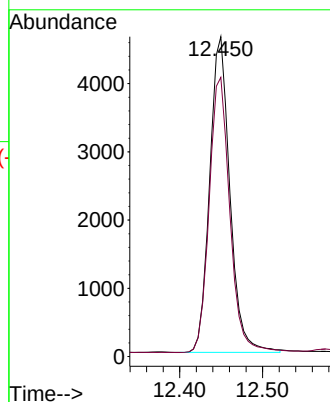
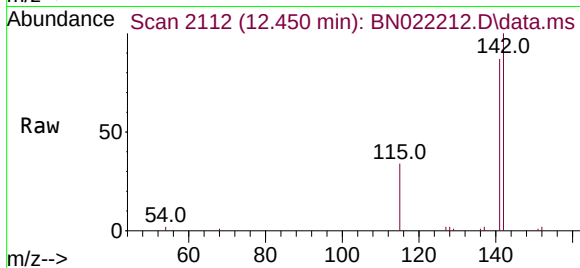




#7
2-Methylnaphthalene
Concen: 0.339 ng/ul
RT: 12.450 min Scan# 2112
Delta R.T. 0.001 min
Lab File: BN022212.D
Acq: 20 Oct 2022 00:51

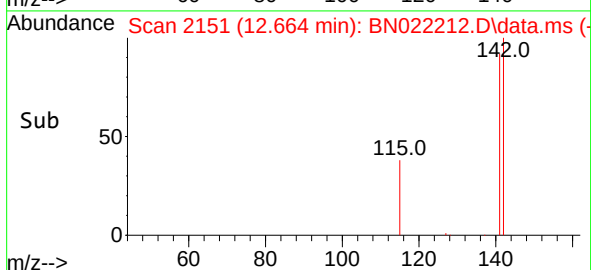
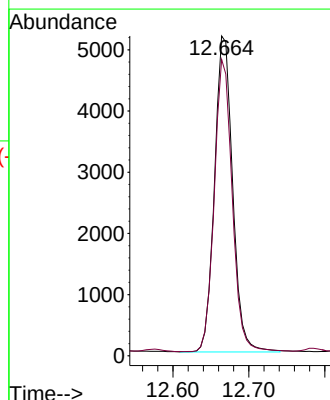
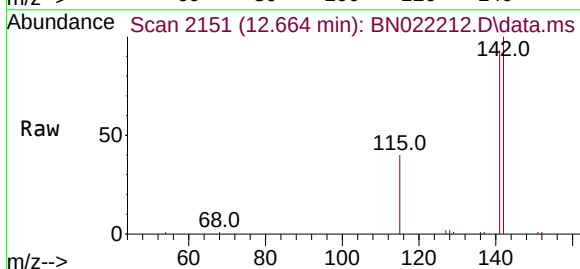
Instrument :
BNA_N
ClientSampleId :
SLCS237

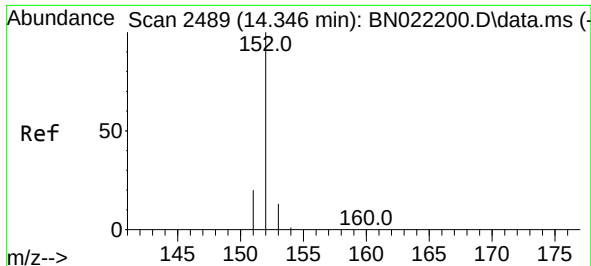
Tgt Ion:142 Resp: 7848
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BN022212.D
Acq: 20 Oct 2022 00:51

Tgt Ion:142 Resp: 8590
Ion Ratio Lower Upper
142 100
141 91.4 73.3 109.9

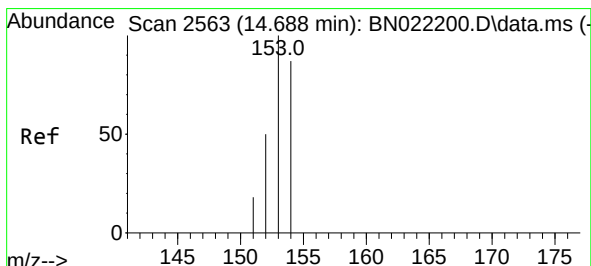
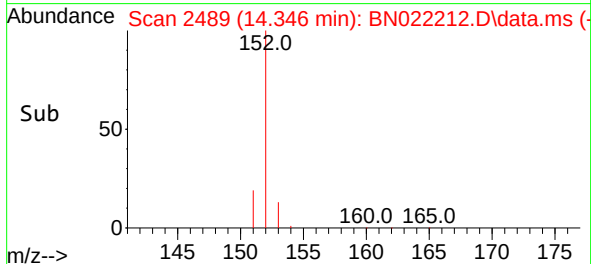
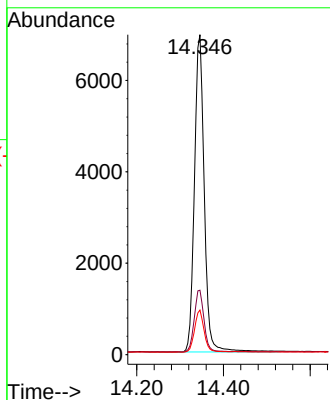
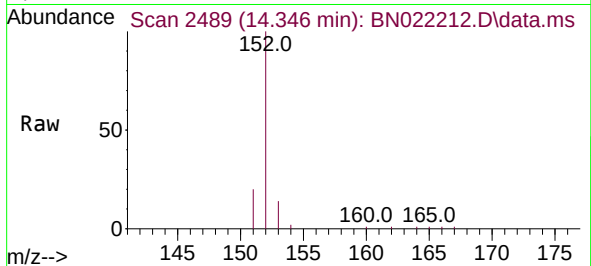




#10
Acenaphthylene
Concen: 0.325 ng/ul
RT: 14.346 min Scan# 2489
Delta R.T. -0.003 min
Lab File: BN022212.D
Acq: 20 Oct 2022 00:51

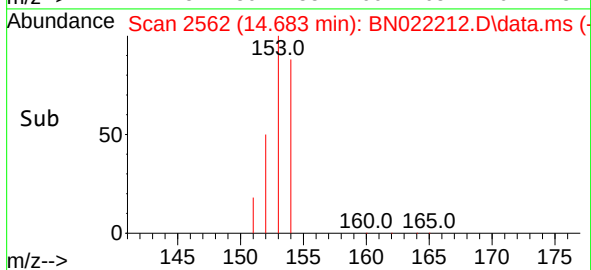
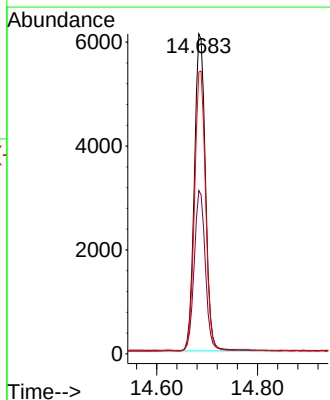
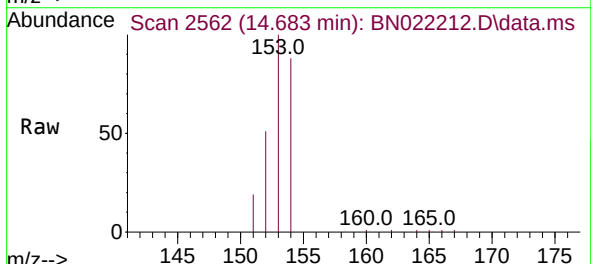
Instrument :
BNA_N
ClientSampleId :
SLCS237

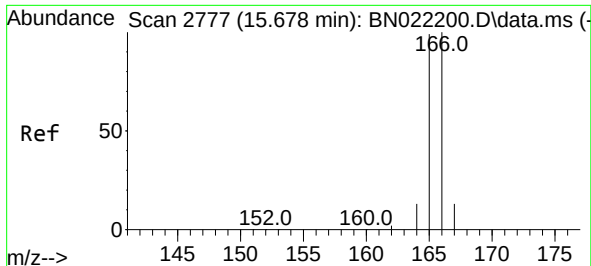
Tgt Ion:152 Resp: 10939
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.9 10.8 16.2



#11
Acenaphthene
Concen: 0.327 ng/ul
RT: 14.683 min Scan# 2562
Delta R.T. -0.003 min
Lab File: BN022212.D
Acq: 20 Oct 2022 00:51

Tgt Ion:153 Resp: 9298
Ion Ratio Lower Upper
153 100
152 51.0 40.6 61.0
154 88.1 70.6 106.0

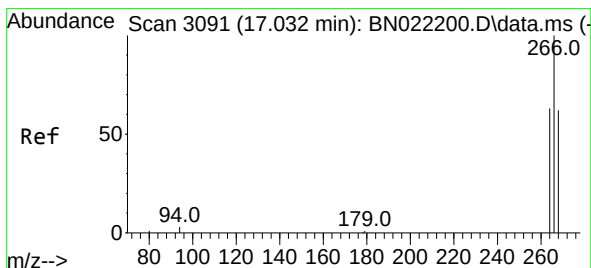
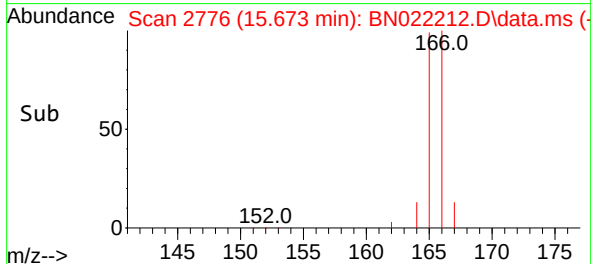
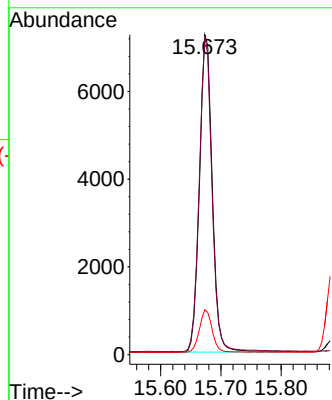
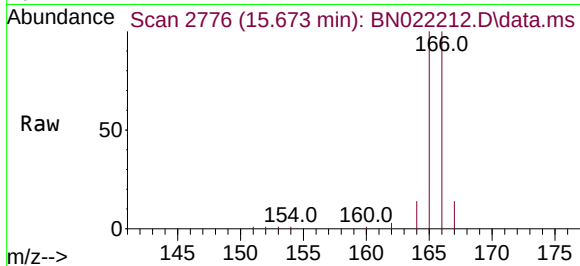




#12
Fluorene
Concen: 0.324 ng/ul
RT: 15.673 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN022212.D
Acq: 20 Oct 2022 00:51

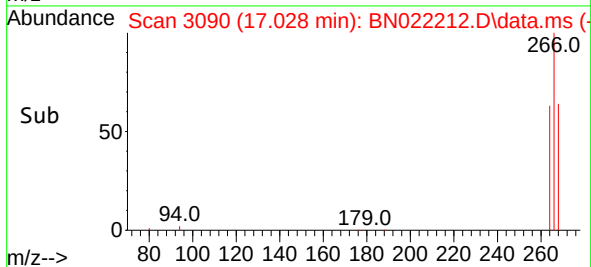
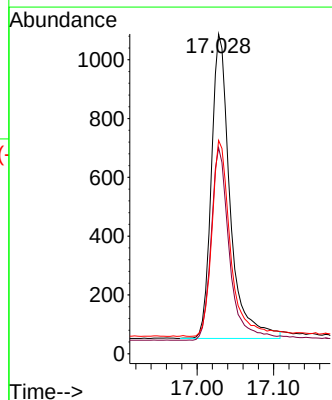
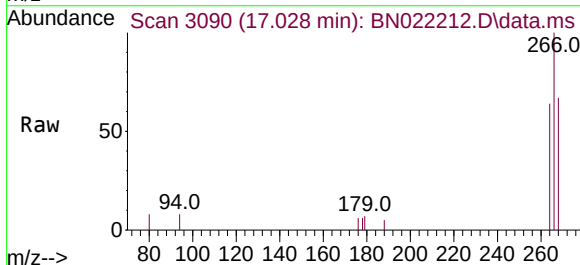
Instrument :
BNA_N
ClientSampleId :
SLCS237

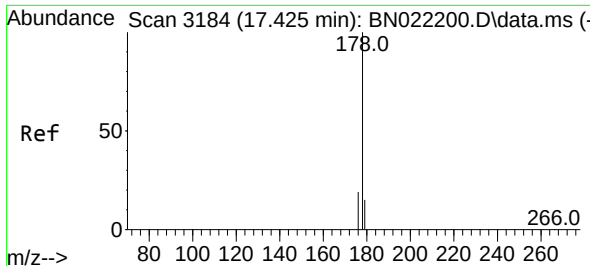
Tgt Ion:166 Resp: 10685
Ion Ratio Lower Upper
166 100
165 99.6 78.2 117.2
167 14.0 11.0 16.4



#14
Pentachlorophenol
Concen: 0.445 ng/ul
RT: 17.028 min Scan# 3090
Delta R.T. -0.003 min
Lab File: BN022212.D
Acq: 20 Oct 2022 00:51

Tgt Ion:266 Resp: 1757
Ion Ratio Lower Upper
266 100
264 62.3 49.8 74.6
268 64.5 51.4 77.2

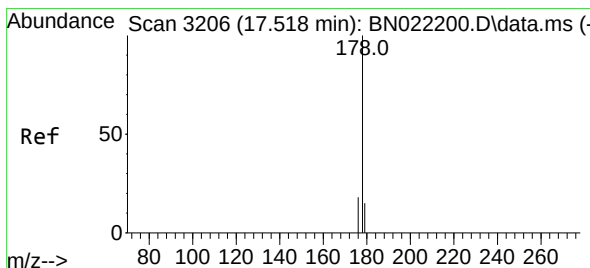
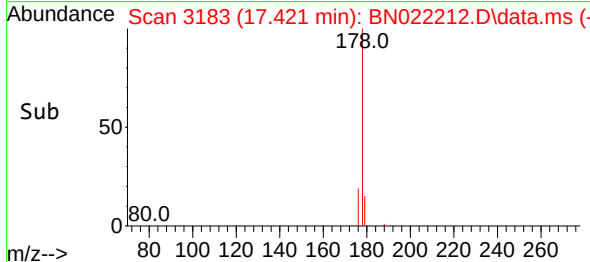
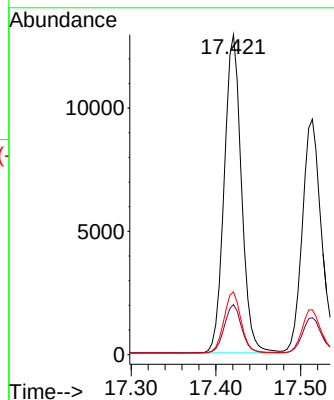
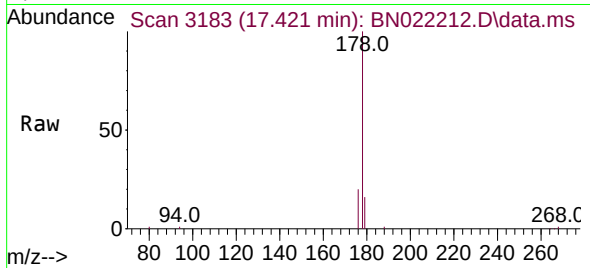




#15
Phenanthrene
Concen: 0.326 ng/ul
RT: 17.421 min Scan# 3183
Delta R.T. -0.003 min
Lab File: BN022212.D
Acq: 20 Oct 2022 00:51

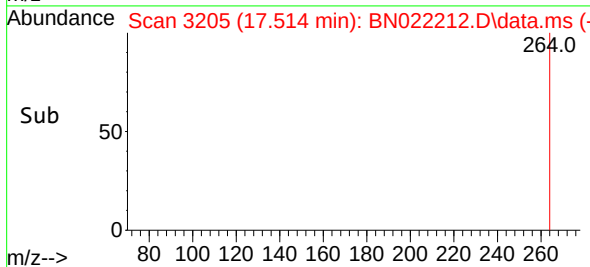
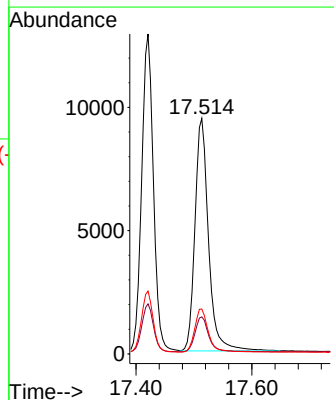
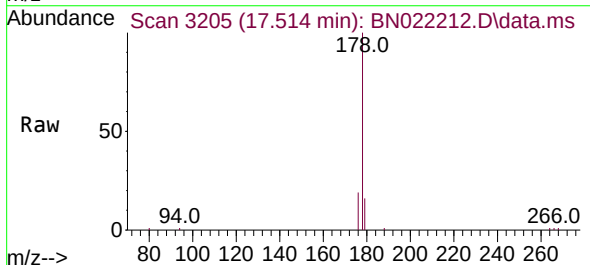
Instrument :
BNA_N
ClientSampleId :
SLCS237

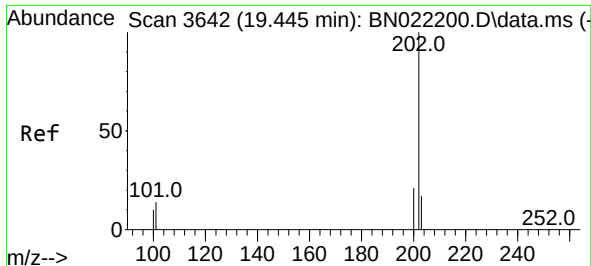
Tgt Ion:178 Resp: 18206
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.6 15.4 23.2



#16
Anthracene
Concen: 0.325 ng/ul
RT: 17.514 min Scan# 3205
Delta R.T. -0.003 min
Lab File: BN022212.D
Acq: 20 Oct 2022 00:51

Tgt Ion:178 Resp: 15280
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.1 15.0 22.6

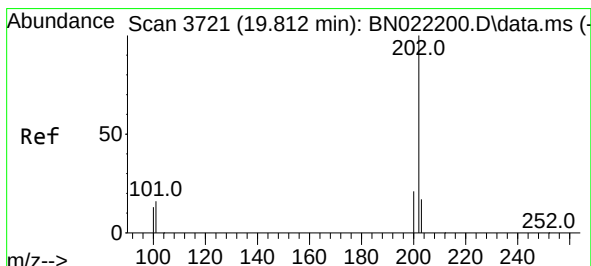
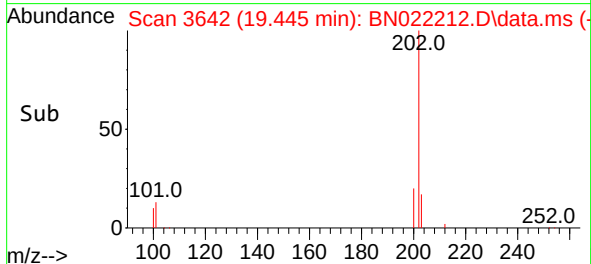
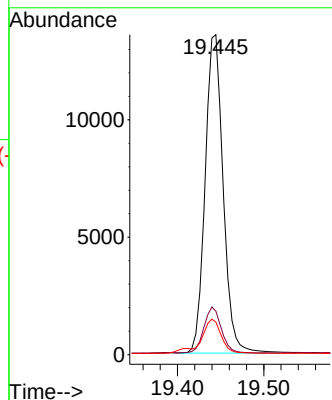
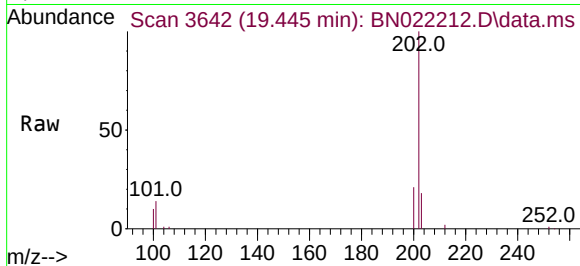




#19
Fluoranthene
Concen: 0.338 ng/ul
RT: 19.445 min Scan# 3642
Delta R.T. 0.001 min
Lab File: BN022212.D
Acq: 20 Oct 2022 00:51

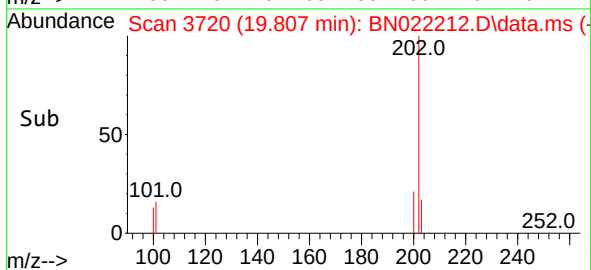
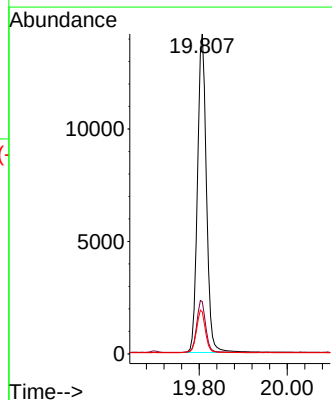
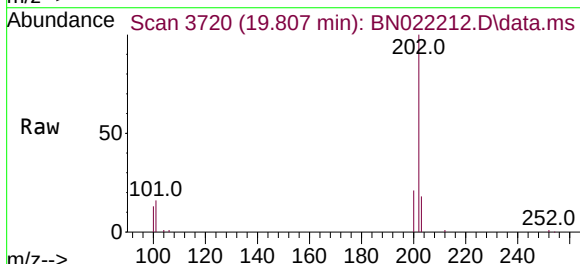
Instrument :
BNA_N
ClientSampleId :
SLCS237

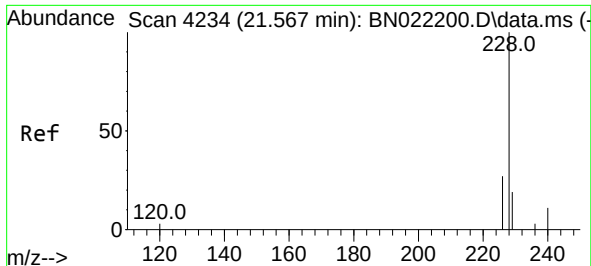
Tgt Ion:202 Resp: 19677
Ion Ratio Lower Upper
202 100
101 13.6 11.8 17.6
100 10.2 8.7 13.1



#20
Pyrene
Concen: 0.342 ng/ul
RT: 19.807 min Scan# 3720
Delta R.T. -0.003 min
Lab File: BN022212.D
Acq: 20 Oct 2022 00:51

Tgt Ion:202 Resp: 19995
Ion Ratio Lower Upper
202 100
101 16.3 13.1 19.7
100 13.1 10.6 16.0

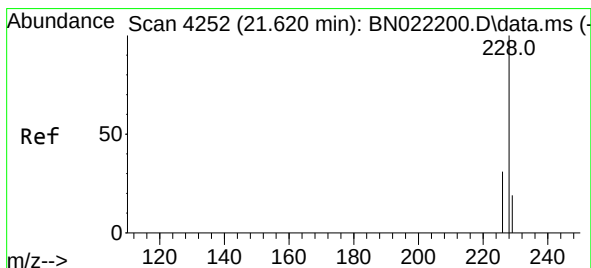
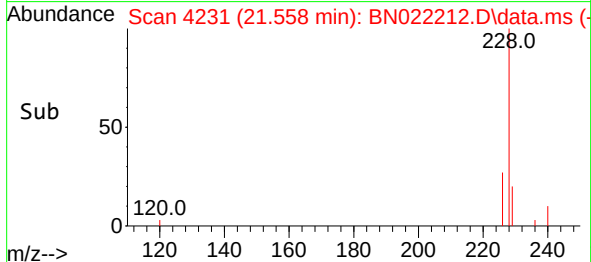
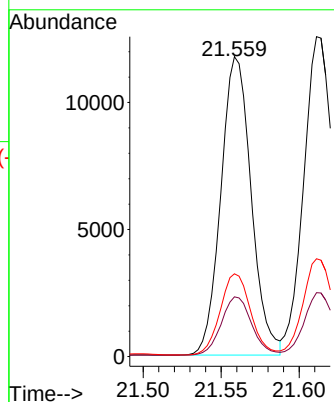
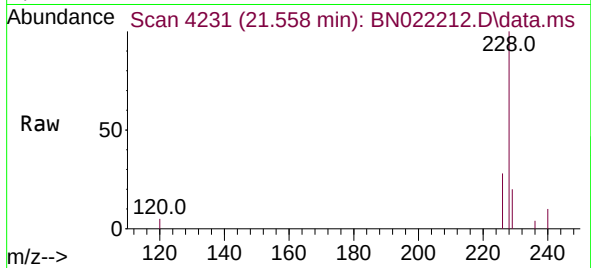




#21
Benzo(a)anthracene
Concen: 0.334 ng/ul
RT: 21.558 min Scan# 4231
Delta R.T. -0.009 min
Lab File: BN022212.D
Acq: 20 Oct 2022 00:51

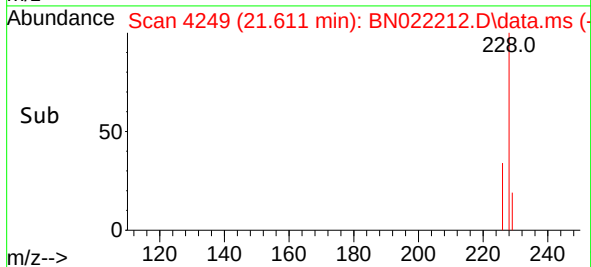
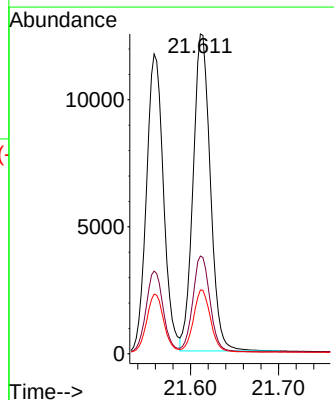
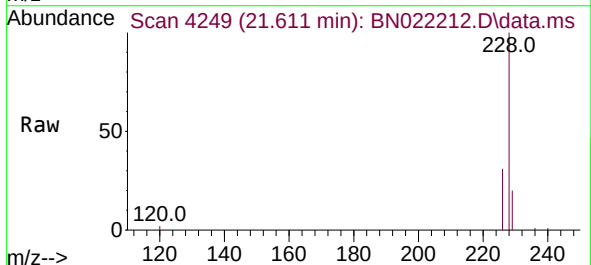
Instrument :
BNA_N
ClientSampleId :
SLCS237

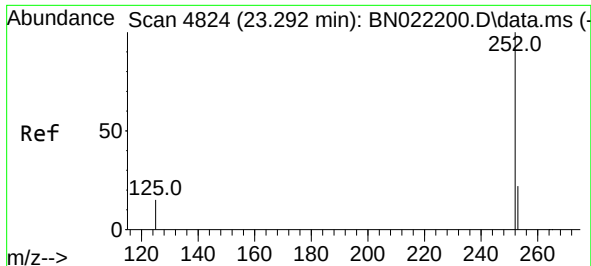
Tgt Ion:228 Resp: 15914
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 27.6 21.5 32.3



#22
Chrysene
Concen: 0.336 ng/ul
RT: 21.611 min Scan# 4249
Delta R.T. -0.009 min
Lab File: BN022212.D
Acq: 20 Oct 2022 00:51

Tgt Ion:228 Resp: 16954
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 20.0 15.9 23.9

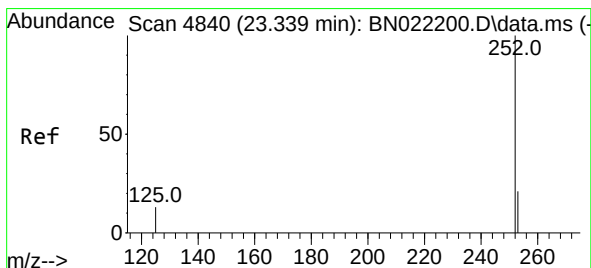
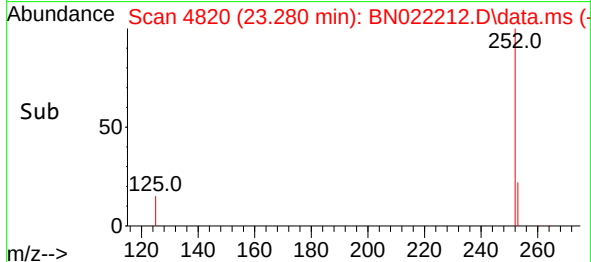
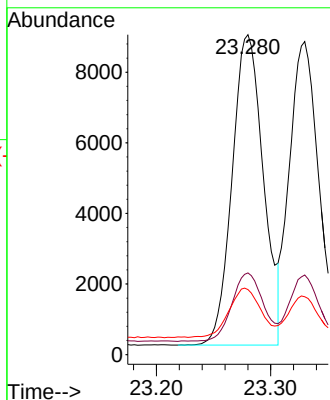
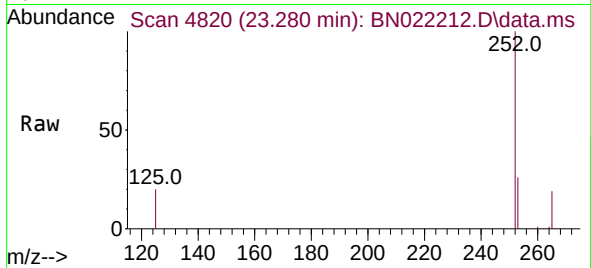




#24
Benzo(b)fluoranthene
Concen: 0.340 ng/ul
RT: 23.280 min Scan# 4824
Delta R.T. -0.009 min
Lab File: BN022212.D
Acq: 20 Oct 2022 00:51

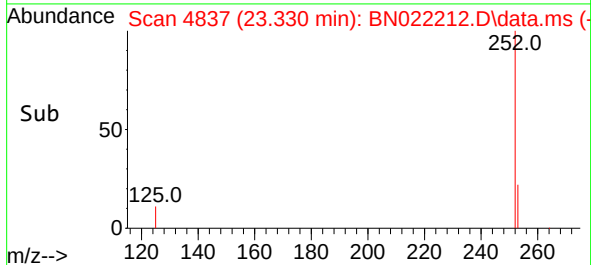
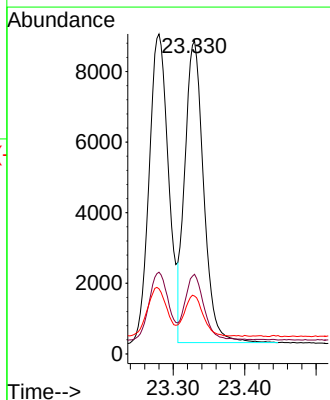
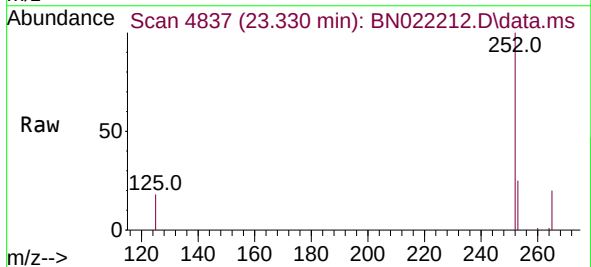
Instrument :
BNA_N
ClientSampleId :
SLCS237

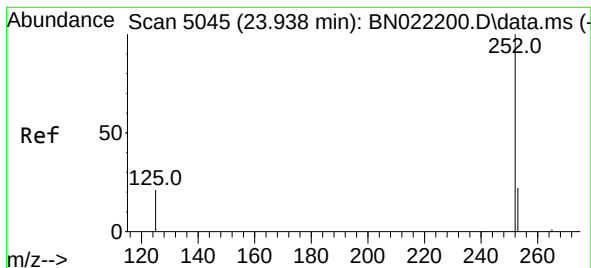
Tgt Ion:252 Resp: 16718
Ion Ratio Lower Upper
252 100
253 25.5 0.0 49.0
125 20.3 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.327 ng/ul
RT: 23.330 min Scan# 4837
Delta R.T. -0.009 min
Lab File: BN022212.D
Acq: 20 Oct 2022 00:51

Tgt Ion:252 Resp: 15605
Ion Ratio Lower Upper
252 100
253 25.4 19.7 29.5
125 18.5 14.0 21.0





#26

Benzo(a)pyrene

Concen: 0.346 ng/ul

RT: 23.926 min Scan# 5045

Delta R.T. -0.009 min

Lab File: BN022212.D

Acq: 20 Oct 2022 00:51

Instrument :

BNA_N

ClientSampleId :

SLCS237

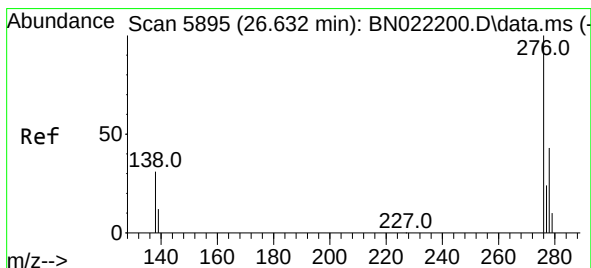
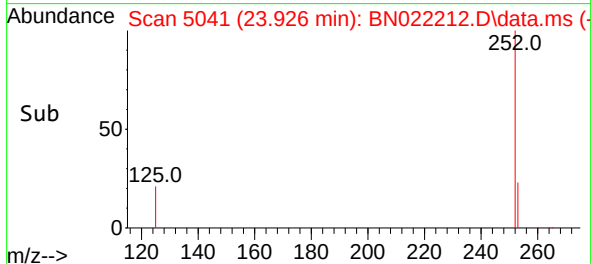
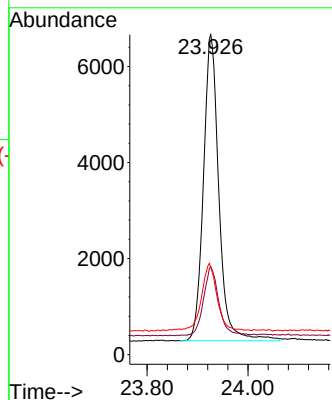
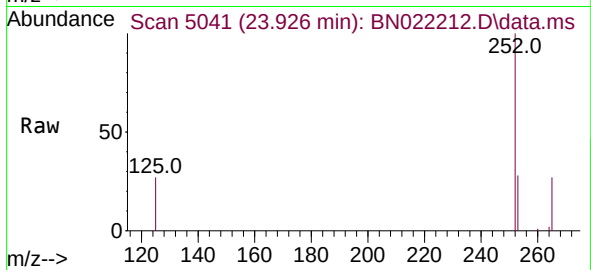
Tgt Ion:252 Resp: 13536

Ion Ratio Lower Upper

252 100

253 27.5 21.0 31.6

125 27.2 17.9 26.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.318 ng/ul

RT: 26.622 min Scan# 5892

Delta R.T. -0.014 min

Lab File: BN022212.D

Acq: 20 Oct 2022 00:51

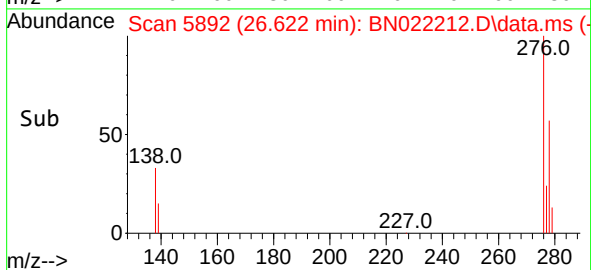
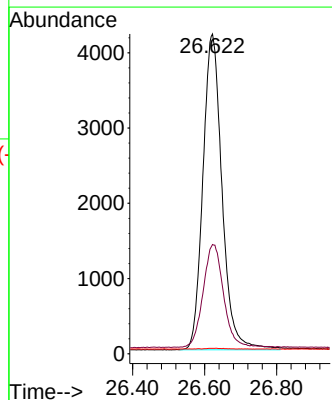
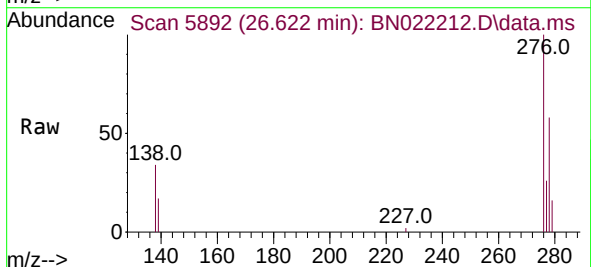
Tgt Ion:276 Resp: 15490

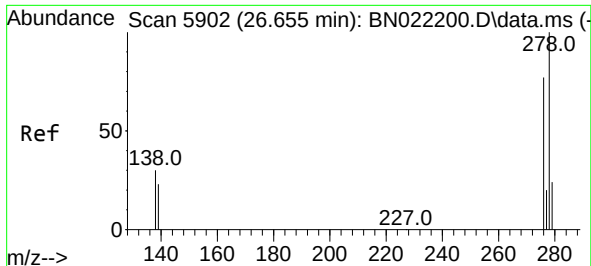
Ion Ratio Lower Upper

276 100

138 34.6 27.7 41.5

227 0.3 0.2 0.2#

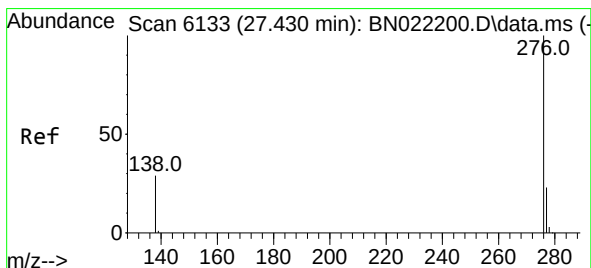
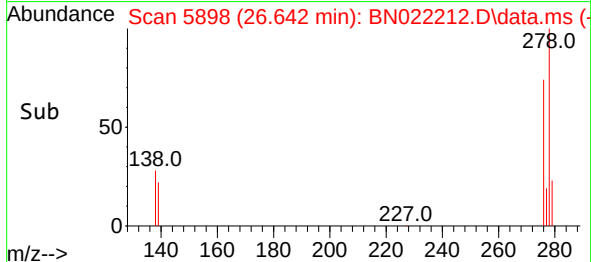
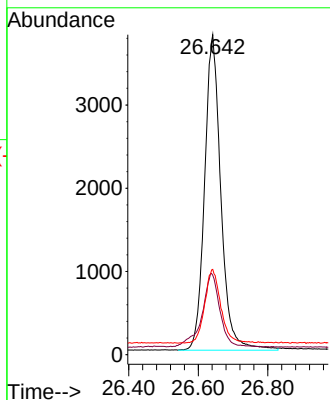
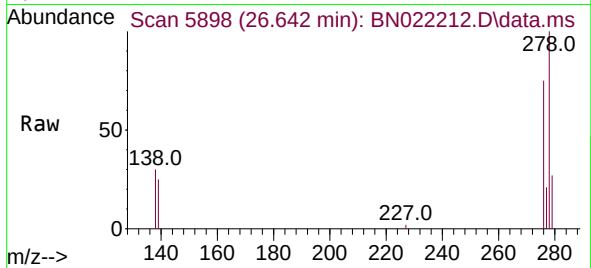




#28
 Dibenzo(a,h)anthracene
 Concen: 0.317 ng/ul
 RT: 26.642 min Scan# 5898
 Delta R.T. -0.014 min
 Lab File: BN022212.D
 Acq: 20 Oct 2022 00:51

Instrument :
 BNA_N
 ClientSampleId :
 SLCS237

Tgt Ion:278 Resp: 12313
 Ion Ratio Lower Upper
 278 100
 139 24.8 19.6 29.4
 279 26.7 20.6 30.8



#29
 Benzo(g,h,i)perylene
 Concen: 0.307 ng/ul
 RT: 27.416 min Scan# 6129
 Delta R.T. -0.014 min
 Lab File: BN022212.D
 Acq: 20 Oct 2022 00:51

Tgt Ion:276 Resp: 12158
 Ion Ratio Lower Upper
 276 100
 138 31.6 25.2 37.8
 277 24.7 19.9 29.9

