

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022255.D
 Acq On : 21 Oct 2022 15:39
 Operator : CG/JU
 Sample : PB148278BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS278

Quant Time: Oct 21 22:39:53 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)

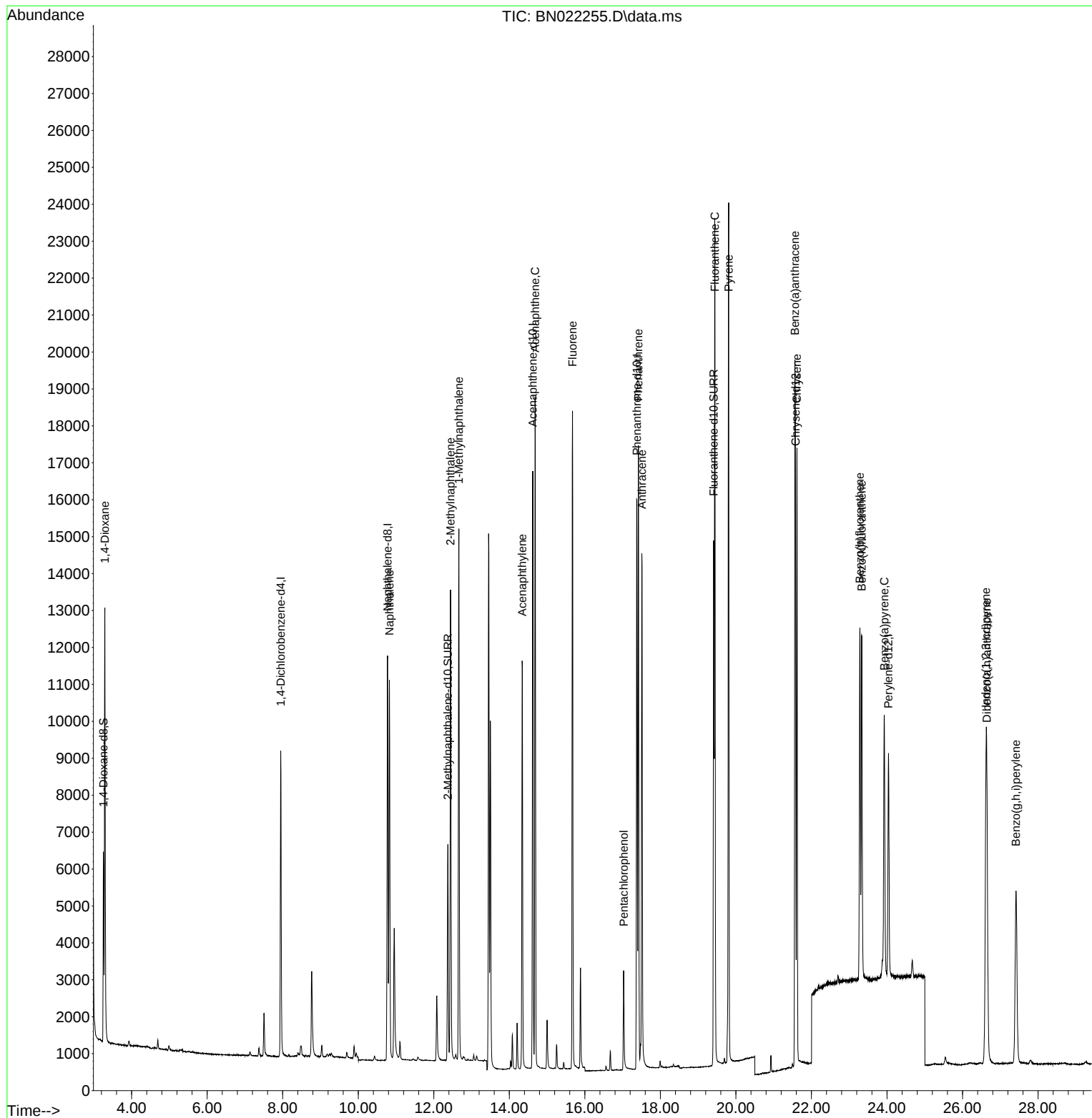
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	4487	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	15563	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.623	164	9092	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.379	188	17890	0.400	ng/ul	0.00
17) Chrysene-d12	21.579	240	11631	0.400	ng/ul	0.00
23) Perylene-d12	24.040	264	8521	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	3222	0.553	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	7879	0.335	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	14279	0.366	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.291	88	8227	1.374	ng/ul	89
5) Naphthalene	10.827	128	14514	0.316	ng/ul	100
7) 2-Methylnaphthalene	12.444	142	9365	0.323	ng/ul	99
8) 1-Methylnaphthalene	12.664	142	10056	0.337	ng/ul	100
10) Acenaphthylene	14.341	152	13209	0.324	ng/ul	99
11) Acenaphthene	14.683	153	10434	0.303	ng/ul	99
12) Fluorene	15.673	166	11470	0.287	ng/ul	100
14) Pentachlorophenol	17.028	266	1934	0.455	ng/ul	99
15) Phenanthrene	17.417	178	18149	0.302	ng/ul	99
16) Anthracene	17.509	178	16055	0.317	ng/ul	99
19) Fluoranthene	19.440	202	18981	0.356	ng/ul	99
20) Pyrene	19.807	202	19266	0.360	ng/ul	99
21) Benzo(a)anthracene	21.561	228	14680	0.337	ng/ul	99
22) Chrysene	21.617	228	14405	0.312	ng/ul	99
24) Benzo(b)fluoranthene	23.283	252	12341	0.288	ng/ul	93
25) Benzo(k)fluoranthene	23.330	252	12410	0.298	ng/ul	96
26) Benzo(a)pyrene	23.929	252	10464	0.307	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.622	276	12819	0.302	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.645	278	10124	0.299	ng/ul	96
29) Benzo(g,h,i)perylene	27.417	276	10526	0.305	ng/ul	98

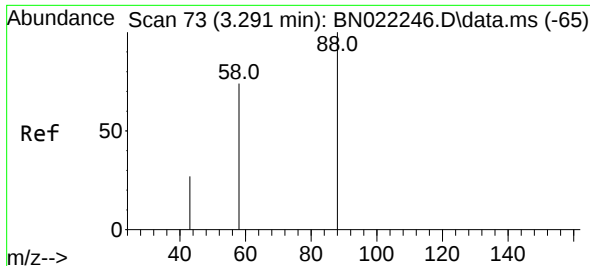
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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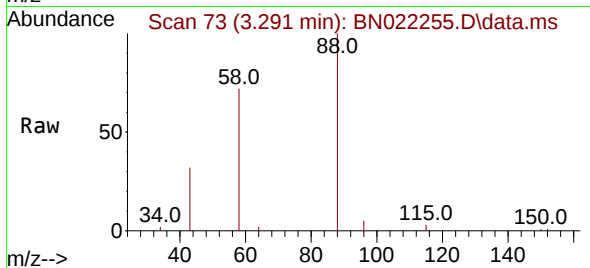
Quant Time: Oct 21 22:39:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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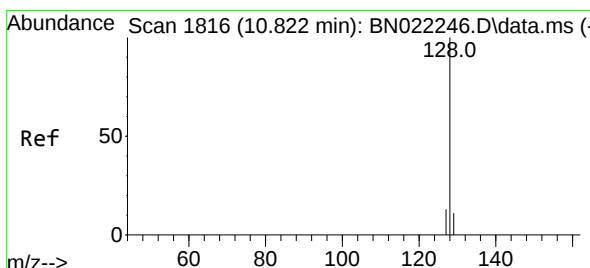
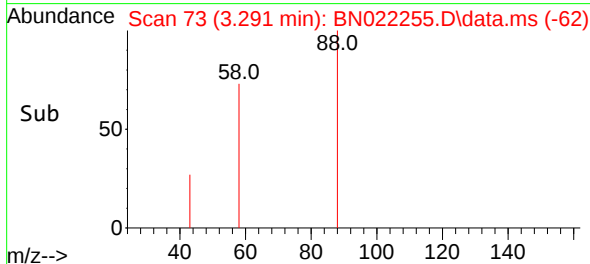
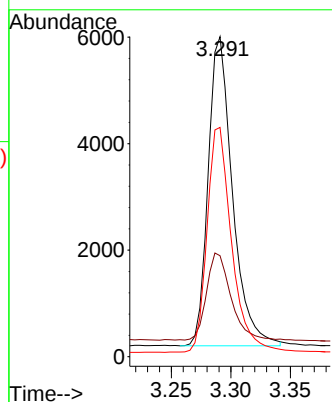
#2
1,4-Dioxane
Concen: 1.374 ng/ul
RT: 3.291 min Scan# 71
Delta R.T. -0.004 min
Lab File: BN022255.D
Acq: 21 Oct 2022 15:39

Instrument :
BNA_N
ClientSampleId :
SLCS278



Tgt Ion: 88 Resp: 8227

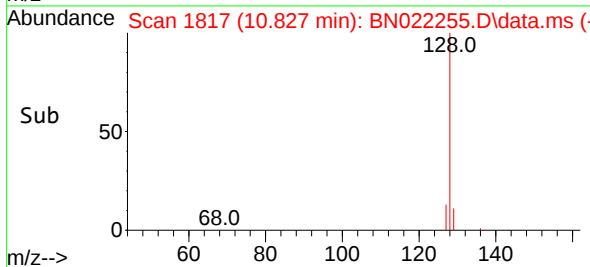
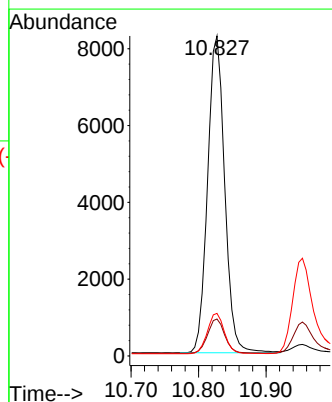
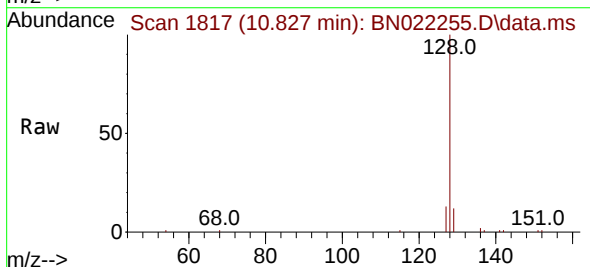
Ion	Ratio	Lower	Upper
88	100		
43	31.5	27.4	41.2
58	71.6	48.2	72.2

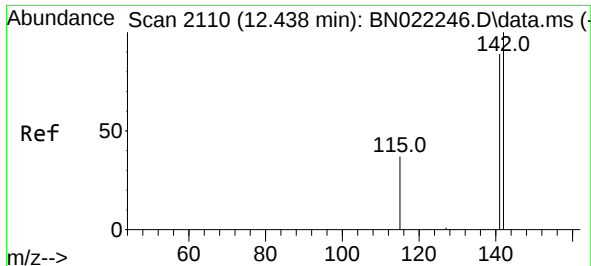


#5
Naphthalene
Concen: 0.316 ng/ul
RT: 10.827 min Scan# 1817
Delta R.T. -0.004 min
Lab File: BN022255.D
Acq: 21 Oct 2022 15:39

Tgt Ion: 128 Resp: 14514

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.3	10.7	16.1

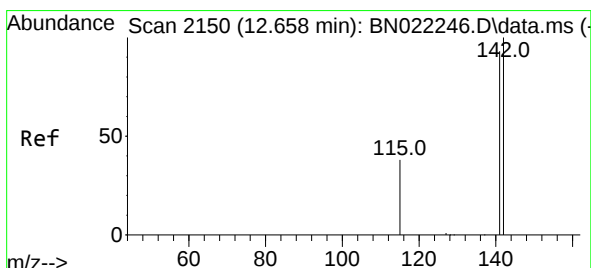
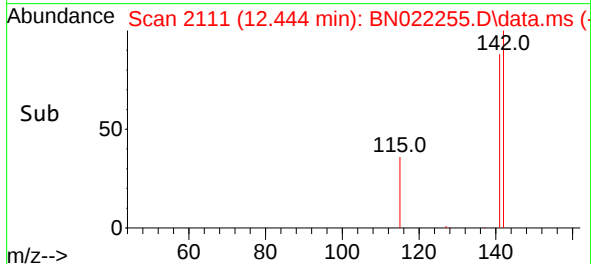
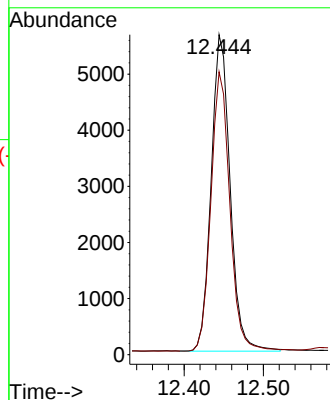
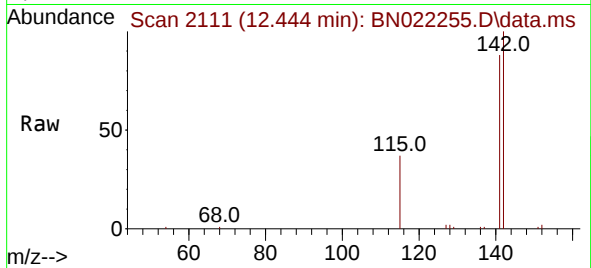




#7
2-Methylnaphthalene
Concen: 0.323 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN022255.D
Acq: 21 Oct 2022 15:39

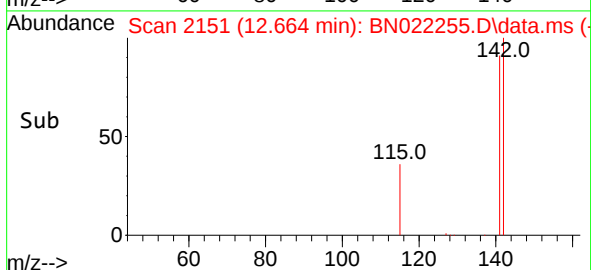
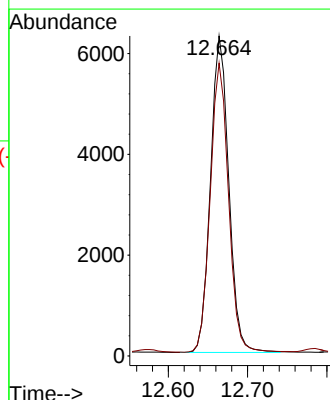
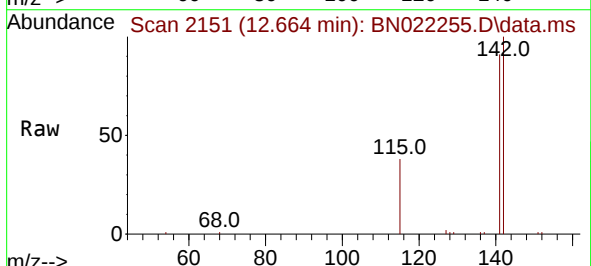
Instrument :
BNA_N
ClientSampleId :
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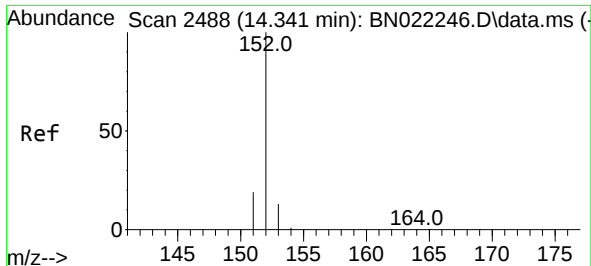
Tgt Ion:142 Resp: 9365
Ion Ratio Lower Upper
142 100
141 88.2 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.337 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BN022255.D
Acq: 21 Oct 2022 15:39

Tgt Ion:142 Resp: 10056
Ion Ratio Lower Upper
142 100
141 91.4 73.3 109.9

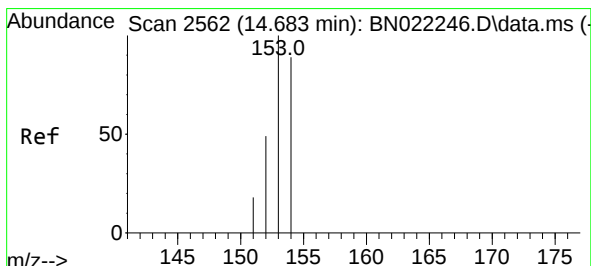
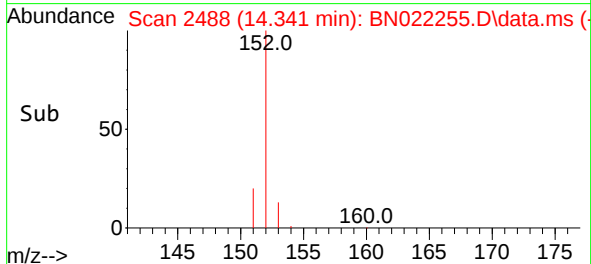
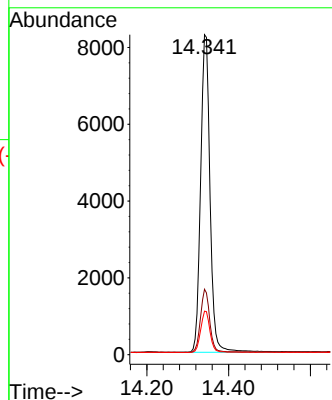
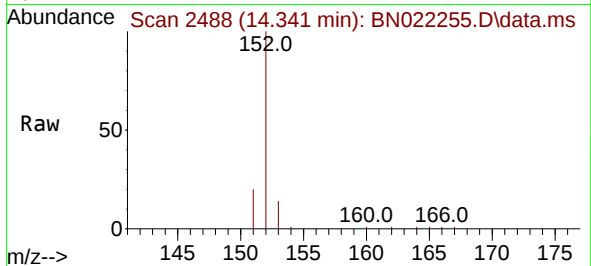




#10
Acenaphthylene
Concen: 0.324 ng/ul
RT: 14.341 min Scan# 2488
Delta R.T. -0.008 min
Lab File: BN022255.D
Acq: 21 Oct 2022 15:39

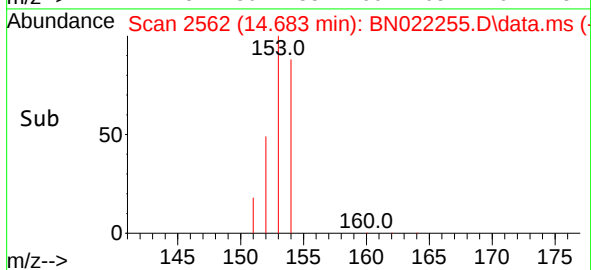
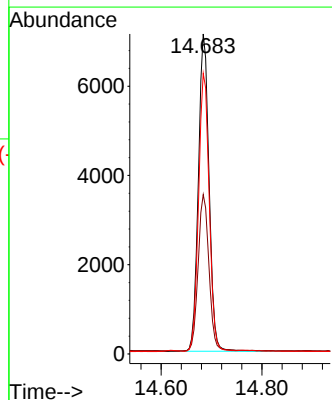
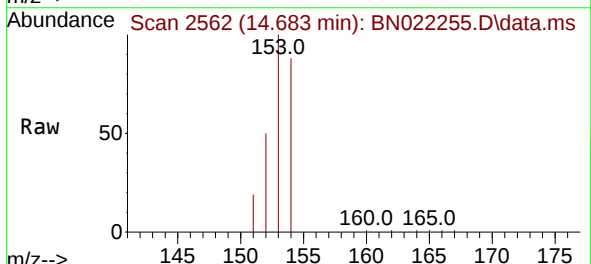
Instrument :
BNA_N
ClientSampleId :
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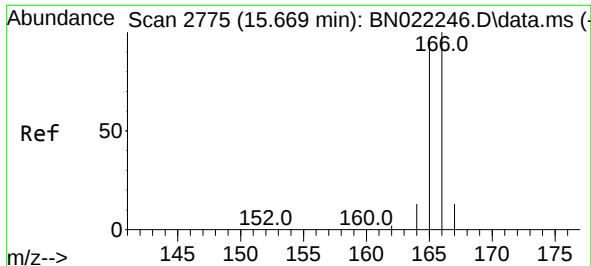
Tgt Ion:152 Resp: 13209
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 13.6 10.8 16.2



#11
Acenaphthene
Concen: 0.303 ng/ul
RT: 14.683 min Scan# 2562
Delta R.T. -0.003 min
Lab File: BN022255.D
Acq: 21 Oct 2022 15:39

Tgt Ion:153 Resp: 10434
Ion Ratio Lower Upper
153 100
152 49.8 40.6 61.0
154 87.7 70.6 106.0

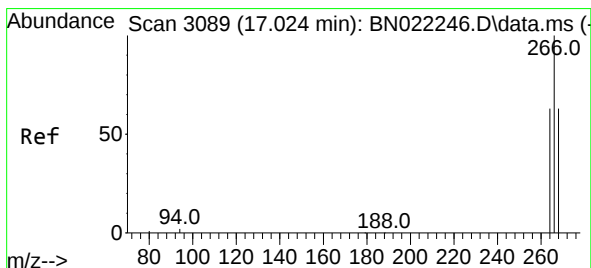
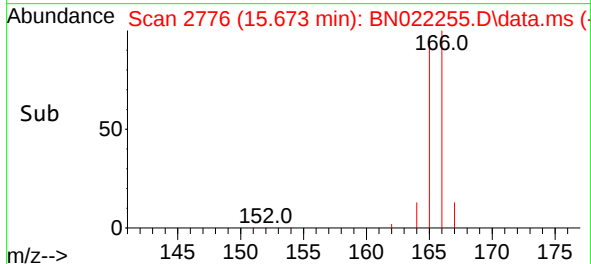
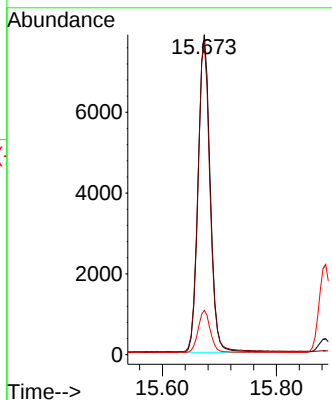
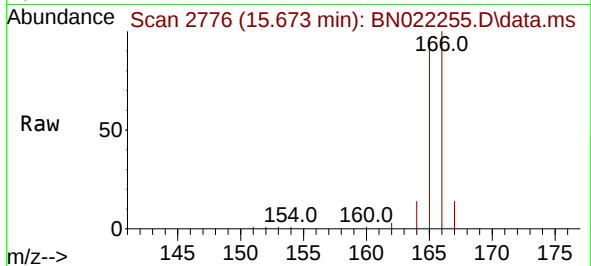




#12
Fluorene
Concen: 0.287 ng/ul
RT: 15.673 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN022255.D
Acq: 21 Oct 2022 15:39

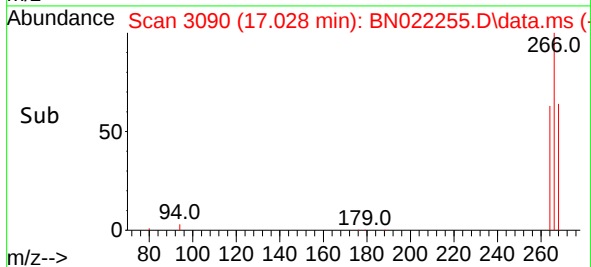
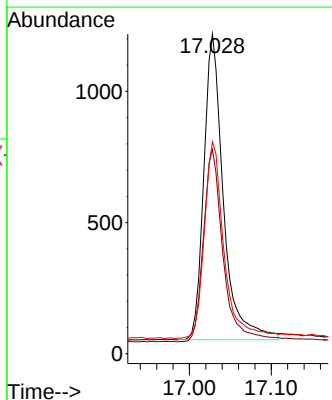
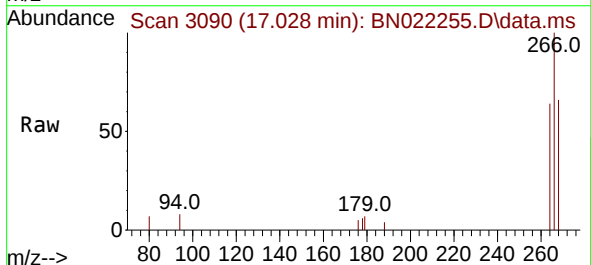
Instrument :
BNA_N
ClientSampleId :
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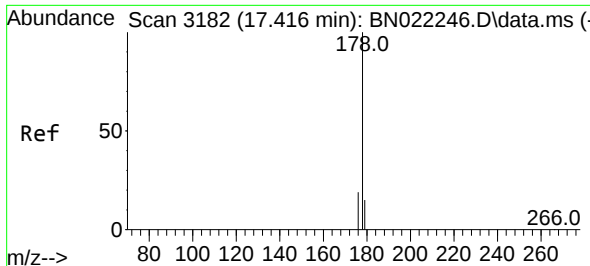
Tgt Ion:166 Resp: 11470
Ion Ratio Lower Upper
166 100
165 97.4 78.2 117.2
167 13.8 11.0 16.4



#14
Pentachlorophenol
Concen: 0.455 ng/ul
RT: 17.028 min Scan# 3090
Delta R.T. -0.003 min
Lab File: BN022255.D
Acq: 21 Oct 2022 15:39

Tgt Ion:266 Resp: 1934
Ion Ratio Lower Upper
266 100
264 63.4 49.8 74.6
268 64.9 51.4 77.2

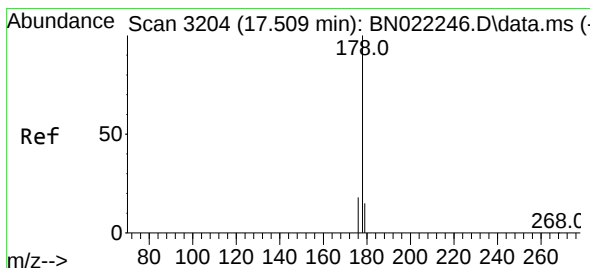
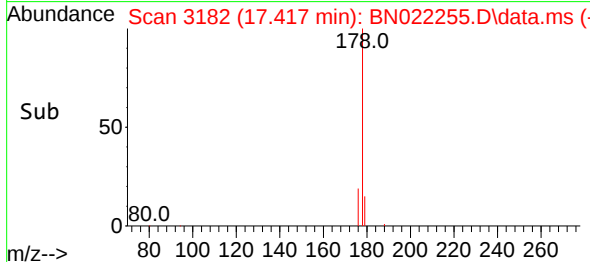
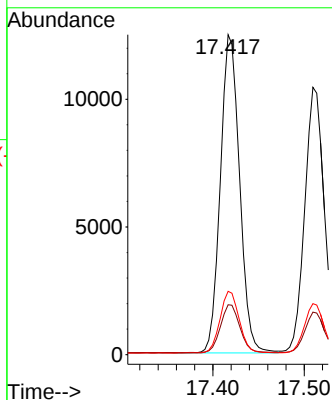
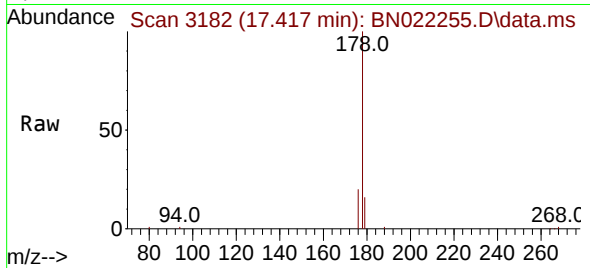




#15
Phenanthrene
Concen: 0.302 ng/ul
RT: 17.417 min Scan# 3182
Delta R.T. -0.007 min
Lab File: BN022255.D
Acq: 21 Oct 2022 15:39

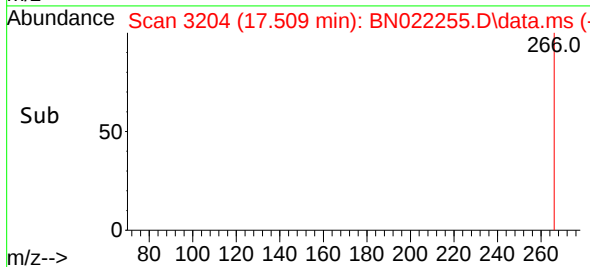
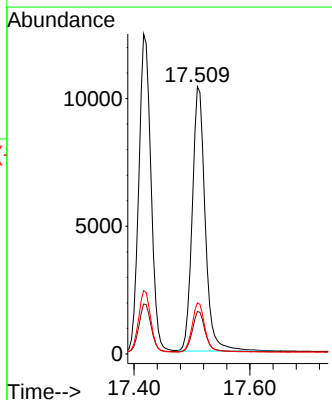
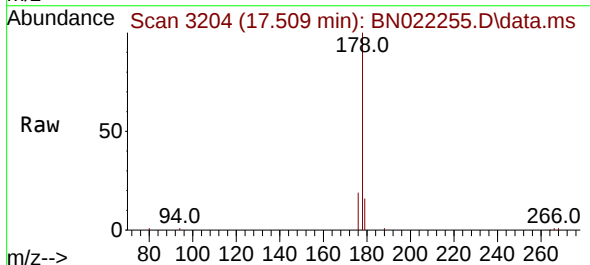
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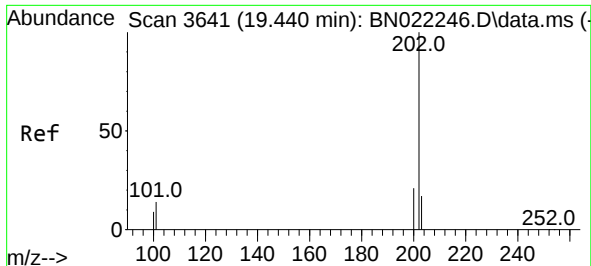
Tgt Ion:178 Resp: 18149
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 19.8 15.4 23.2



#16
Anthracene
Concen: 0.317 ng/ul
RT: 17.509 min Scan# 3204
Delta R.T. -0.007 min
Lab File: BN022255.D
Acq: 21 Oct 2022 15:39

Tgt Ion:178 Resp: 16055
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.1 15.0 22.6

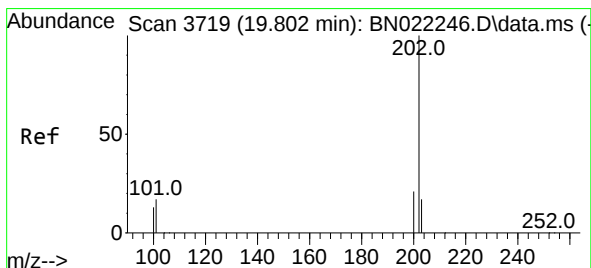
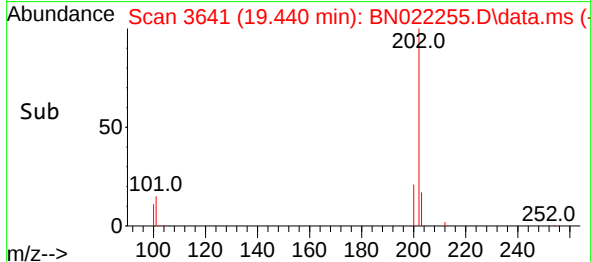
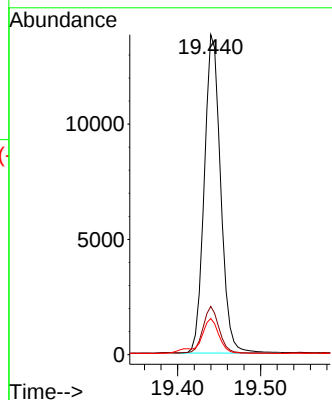
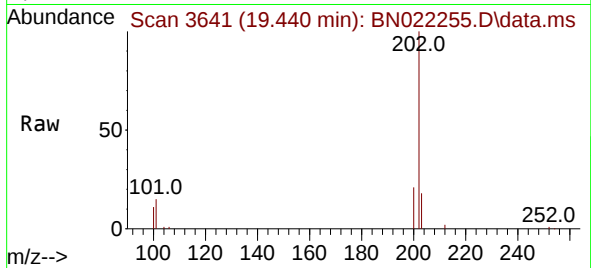




#19
Fluoranthene
Concen: 0.356 ng/ul
RT: 19.440 min Scan# 3720
Delta R.T. -0.003 min
Lab File: BN022255.D
Acq: 21 Oct 2022 15:39

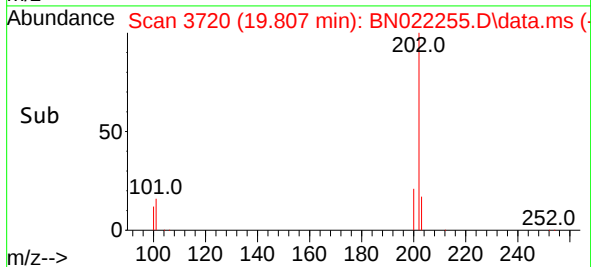
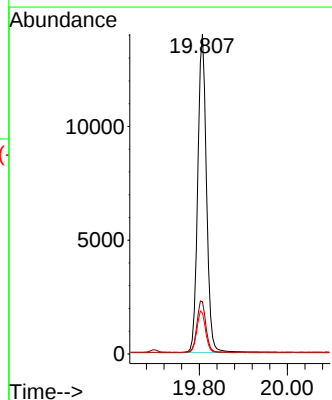
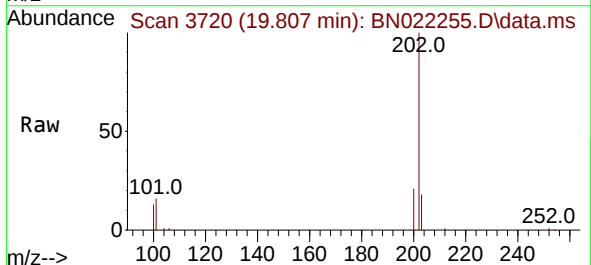
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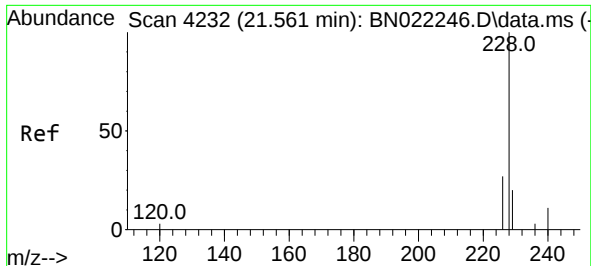
Tgt Ion:202 Resp: 18981
Ion Ratio Lower Upper
202 100
101 15.1 11.8 17.6
100 11.3 8.7 13.1



#20
Pyrene
Concen: 0.360 ng/ul
RT: 19.807 min Scan# 3720
Delta R.T. -0.003 min
Lab File: BN022255.D
Acq: 21 Oct 2022 15:39

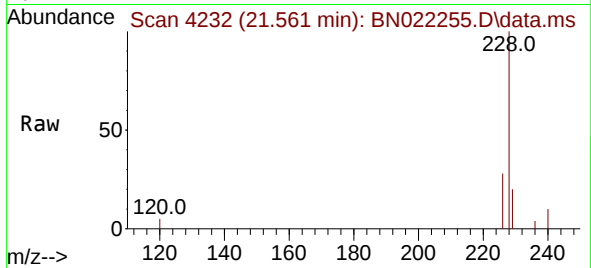
Tgt Ion:202 Resp: 19266
Ion Ratio Lower Upper
202 100
101 16.3 13.1 19.7
100 12.8 10.6 16.0



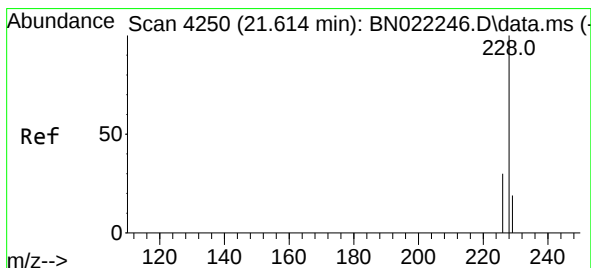
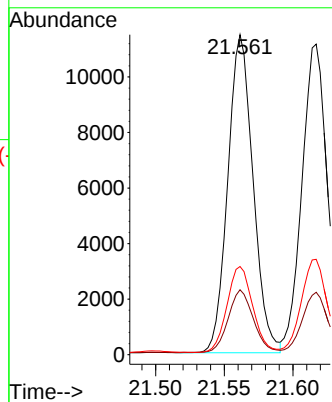
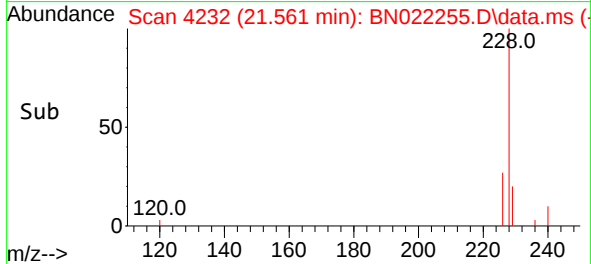


#21
Benzo(a)anthracene
Concen: 0.337 ng/ul
RT: 21.561 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN022255.D
Acq: 21 Oct 2022 15:39

Instrument :
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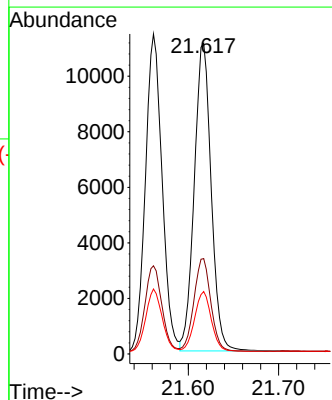
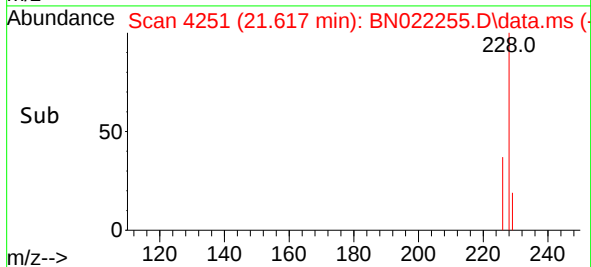
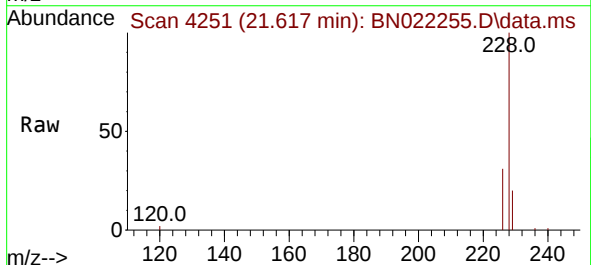


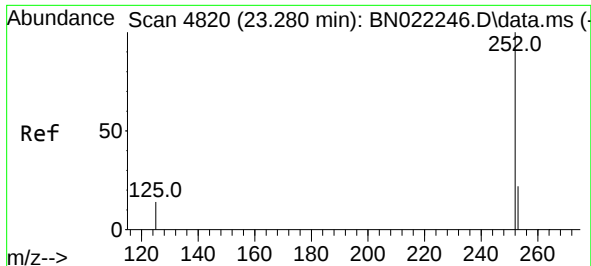
Tgt Ion:228 Resp: 14680
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 27.6 21.5 32.3



#22
Chrysene
Concen: 0.312 ng/ul
RT: 21.617 min Scan# 4251
Delta R.T. -0.003 min
Lab File: BN022255.D
Acq: 21 Oct 2022 15:39

Tgt Ion:228 Resp: 14405
Ion Ratio Lower Upper
228 100
226 30.7 23.9 35.9
229 20.1 15.9 23.9

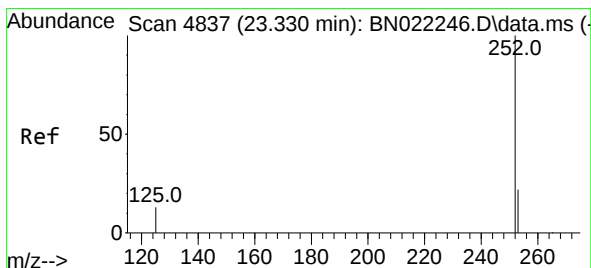
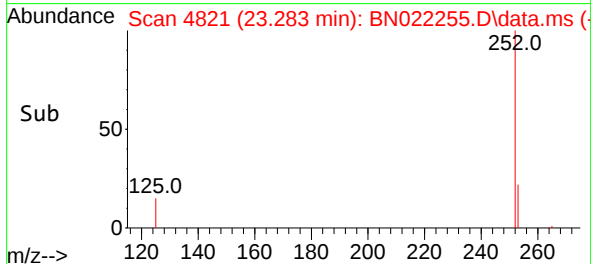
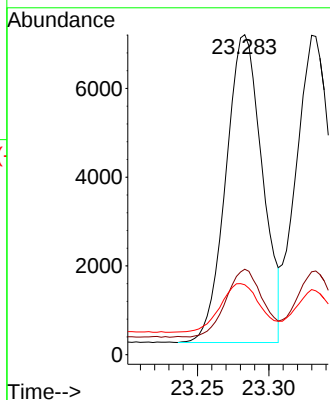
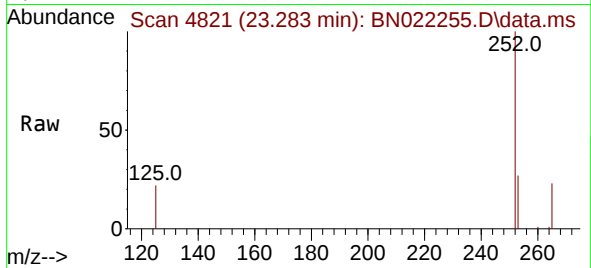




#24
Benzo(b)fluoranthene
Concen: 0.288 ng/ul
RT: 23.283 min Scan# 4820
Delta R.T. -0.006 min
Lab File: BN022255.D
Acq: 21 Oct 2022 15:39

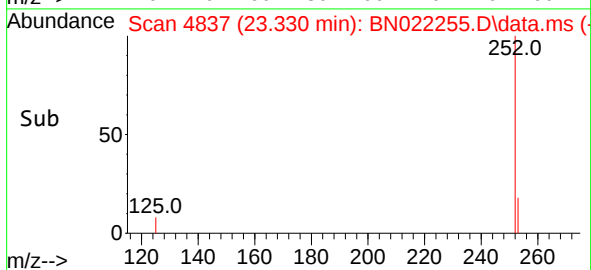
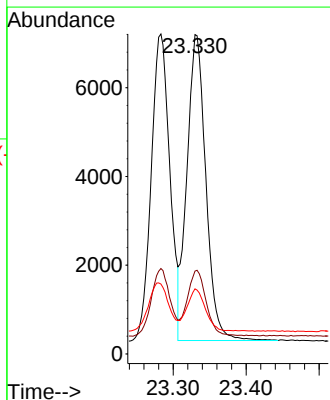
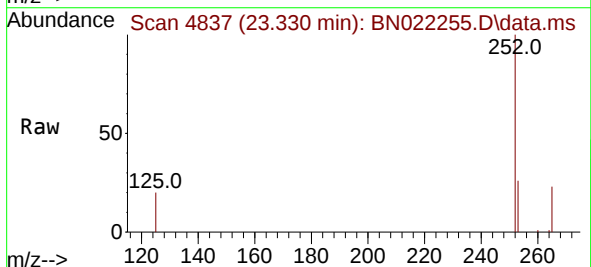
Instrument :
BNA_N
ClientSampleId :
SLCS278

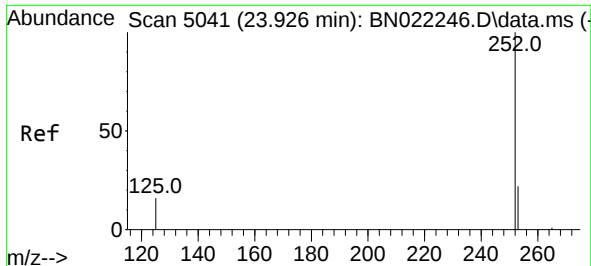
Tgt Ion:252 Resp: 12341
Ion Ratio Lower Upper
252 100
253 26.7 0.0 49.0
125 21.9 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.298 ng/ul
RT: 23.330 min Scan# 4837
Delta R.T. -0.009 min
Lab File: BN022255.D
Acq: 21 Oct 2022 15:39

Tgt Ion:252 Resp: 12410
Ion Ratio Lower Upper
252 100
253 26.0 19.7 29.5
125 20.4 14.0 21.0

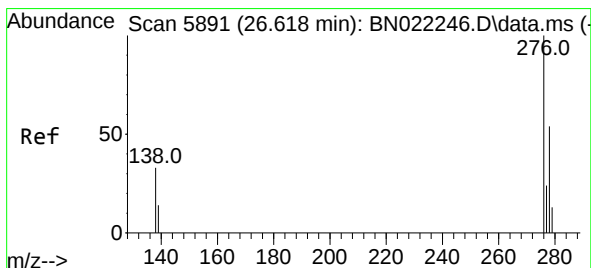
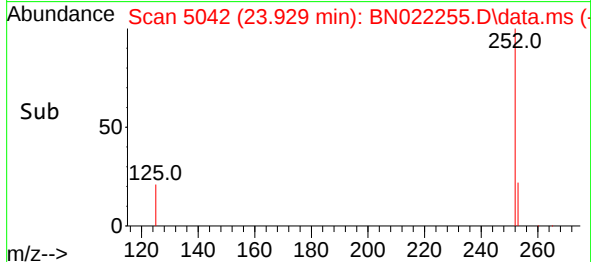
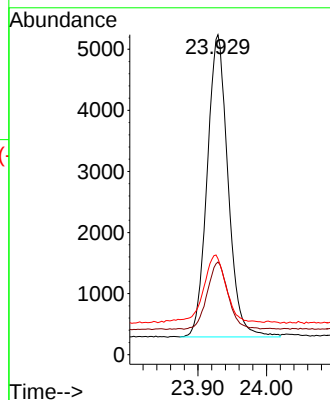
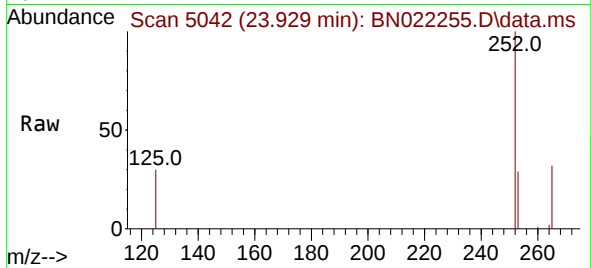




#26
Benzo(a)pyrene
Concen: 0.307 ng/ul
RT: 23.929 min Scan# 5042
Delta R.T. -0.006 min
Lab File: BN022255.D
Acq: 21 Oct 2022 15:39

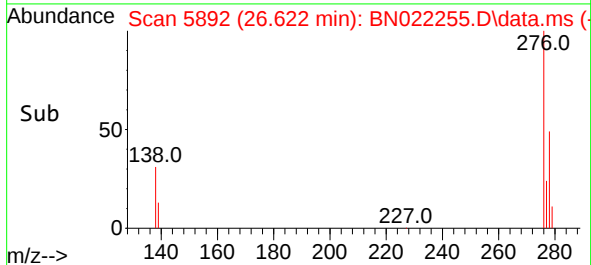
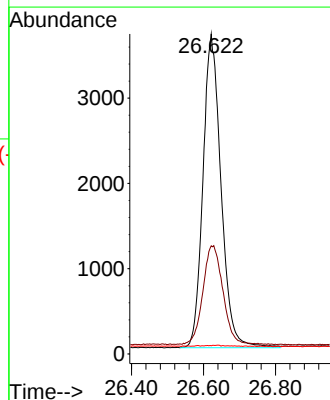
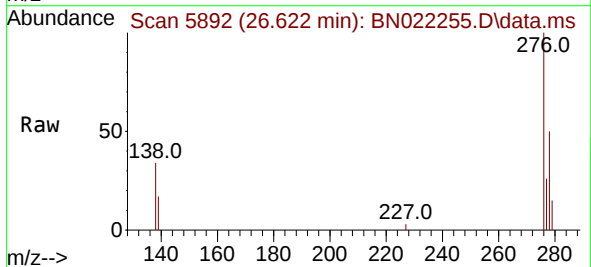
Instrument :
BNA_N
ClientSampleId :
SLCS278

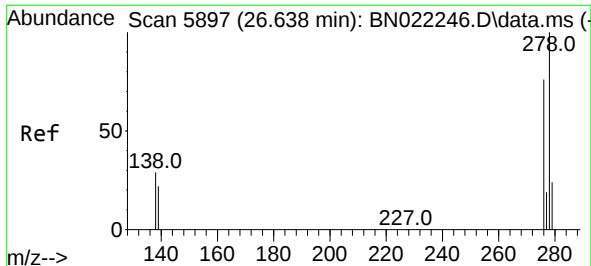
Tgt Ion:252 Resp: 10464
Ion Ratio Lower Upper
252 100
253 29.0 21.0 31.6
125 30.0 17.9 26.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.302 ng/ul
RT: 26.622 min Scan# 5892
Delta R.T. -0.014 min
Lab File: BN022255.D
Acq: 21 Oct 2022 15:39

Tgt Ion:276 Resp: 12819
Ion Ratio Lower Upper
276 100
138 34.7 27.7 41.5
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.299 ng/ul

RT: 26.645 min Scan# 5899

Delta R.T. -0.011 min

Lab File: BN022255.D

Acq: 21 Oct 2022 15:39

Instrument :

BNA_N

ClientSampleId :

SLCS278

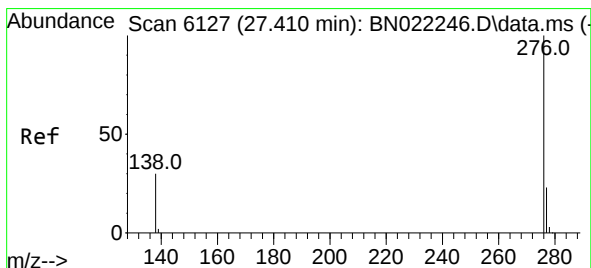
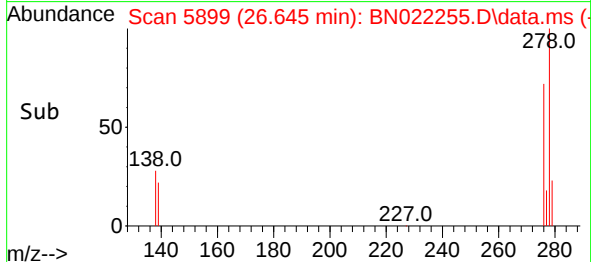
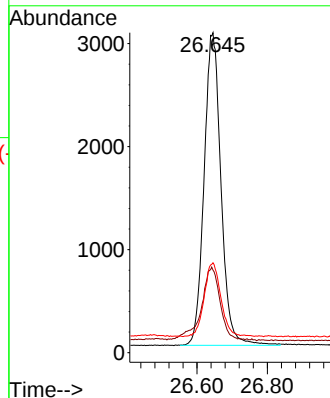
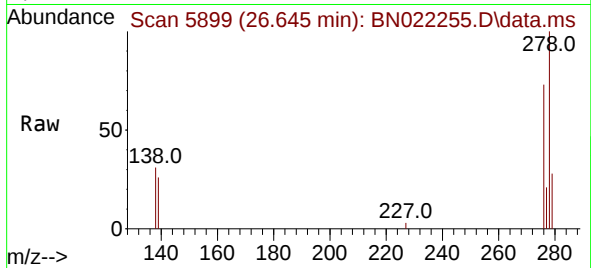
Tgt Ion:278 Resp: 10124

Ion Ratio Lower Upper

278 100

139 25.8 19.6 29.4

279 28.1 20.6 30.8



#29

Benzo(g,h,i)perylene

Concen: 0.305 ng/ul

RT: 27.417 min Scan# 6129

Delta R.T. -0.014 min

Lab File: BN022255.D

Acq: 21 Oct 2022 15:39

Tgt Ion:276 Resp: 10526

Ion Ratio Lower Upper

276 100

138 32.2 25.2 37.8

277 25.8 19.9 29.9

