

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110722\
 Data File : BN022570.D
 Acq On : 08 Nov 2022 20:59
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 09 01:23:09 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 : Mon Nov 07 23:39:33 2022
 Response via : Initial Calibration

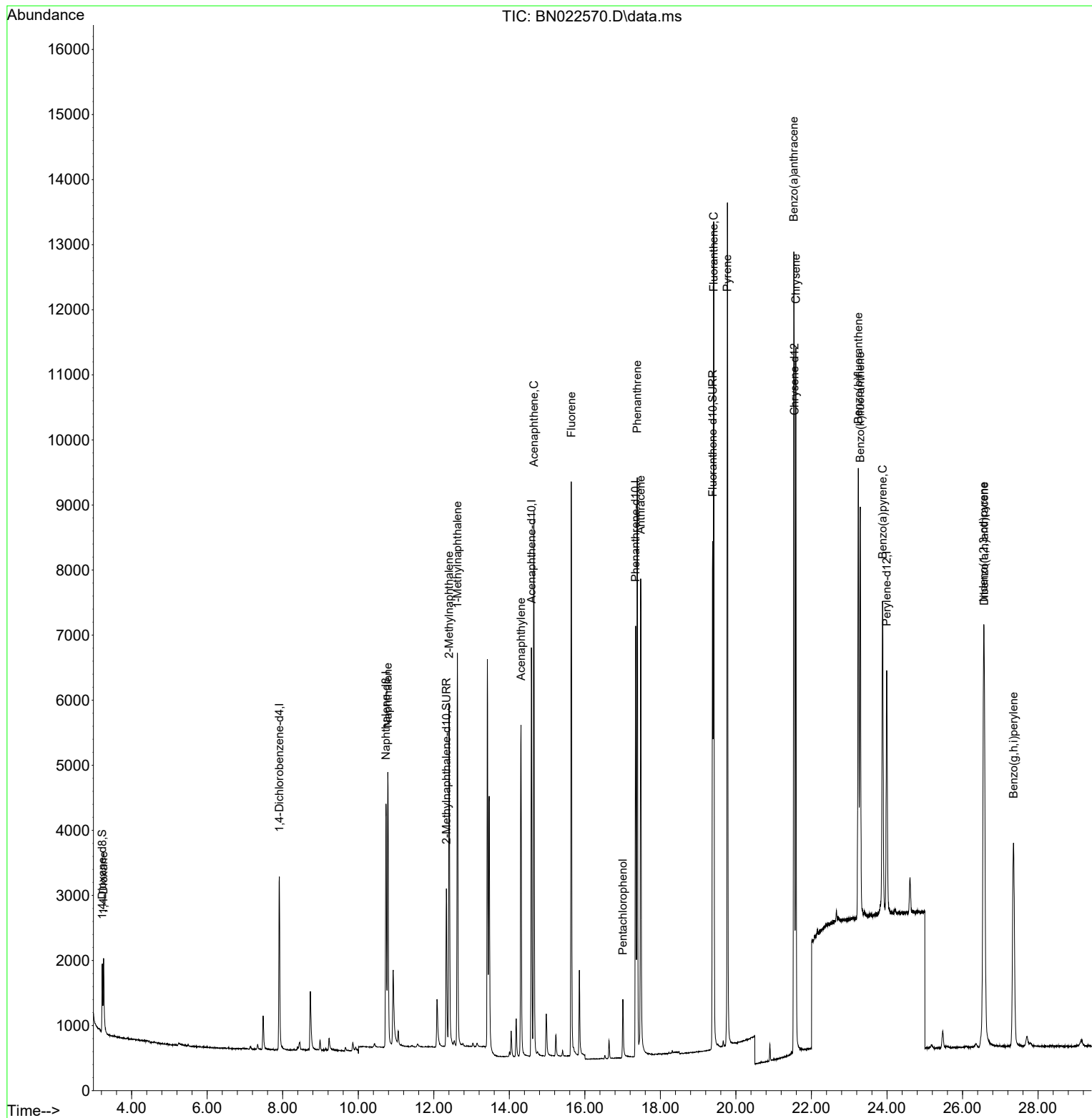
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	1540	0.400	ng/ul	0.00
4) Naphthalene-d8	10.734	136	5443	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.586	164	3593	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.345	188	7876	0.400	ng/ul	0.00
17) Chrysene-d12	21.550	240	6786	0.400	ng/ul	0.00
23) Perylene-d12	23.994	264	5491	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.224	96	784	0.392	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	3430	0.416	ng/ul	-0.01
18) Fluoranthene-d10	19.384	212	8418	0.370	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.257	88	817	0.398	ng/ul#	84
5) Naphthalene	10.783	128	6148	0.382	ng/ul	98
7) 2-Methylnaphthalene	12.406	142	4092	0.404	ng/ul	100
8) 1-Methylnaphthalene	12.626	142	4267	0.409	ng/ul	99
10) Acenaphthylene	14.309	152	6375	0.395	ng/ul	98
11) Acenaphthene	14.651	153	5047	0.371	ng/ul	99
12) Fluorene	15.641	166	5774	0.365	ng/ul	99
14) Pentachlorophenol	17.007	266	727	0.388	ng/ul	100
15) Phenanthrene	17.387	178	9545	0.361	ng/ul	99
16) Anthracene	17.480	178	8553	0.384	ng/ul	98
19) Fluoranthene	19.412	202	10785	0.347	ng/ul	98
20) Pyrene	19.775	202	11127	0.356	ng/ul	100
21) Benzo(a)anthracene	21.532	228	9493	0.373	ng/ul	98
22) Chrysene	21.588	228	9578	0.355	ng/ul	98
24) Benzo(b)fluoranthene	23.242	252	9137	0.331	ng/ul	93
25) Benzo(k)fluoranthene	23.292	252	8644	0.322	ng/ul	94
26) Benzo(a)pyrene	23.885	252	7719	0.351	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.558	276	9206	0.337	ng/ul	95
28) Dibenzo(a,h)anthracene	26.575	278	7301	0.334	ng/ul	94
29) Benzo(g,h,i)perylene	27.350	276	7498	0.337	ng/ul	97

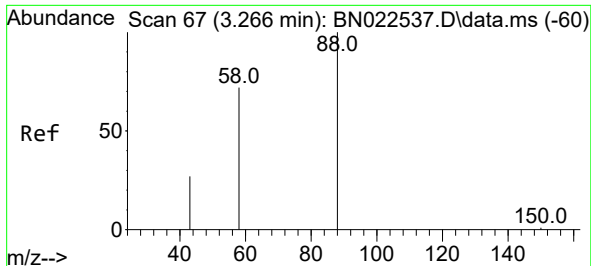
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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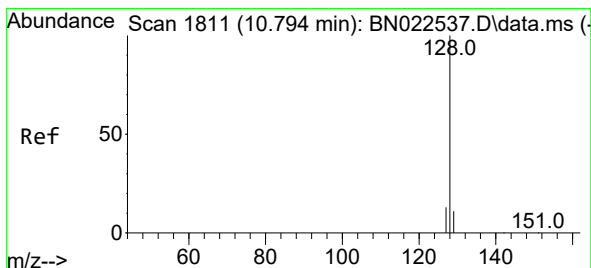
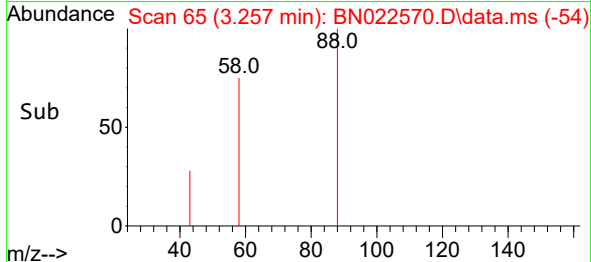
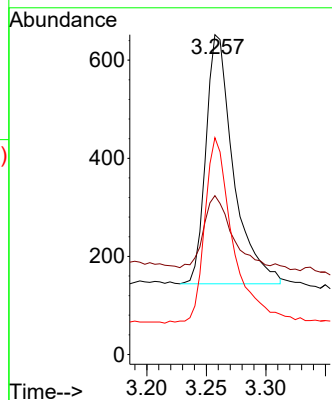
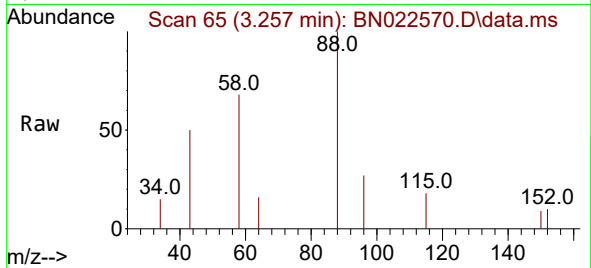




#2
1,4-Dioxane
Concen: 0.398 ng/ul
RT: 3.257 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN022570.D
Acq: 08 Nov 2022 20:59

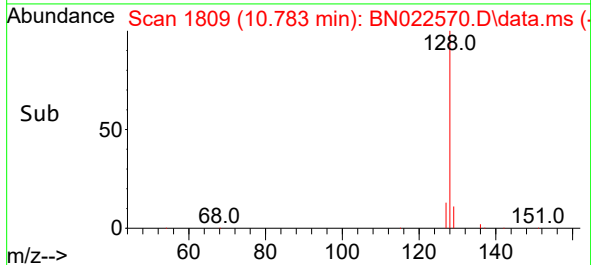
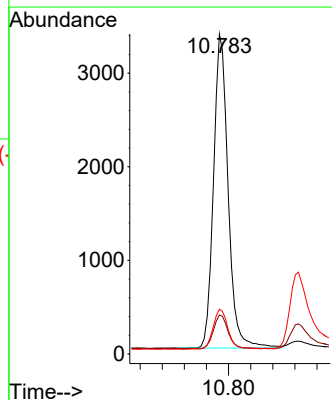
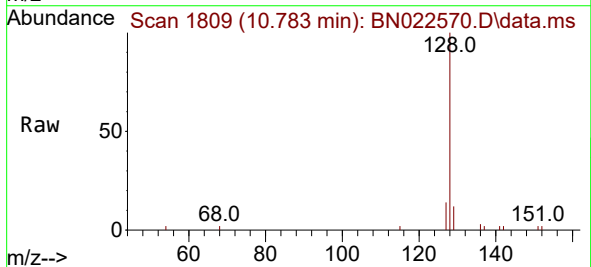
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BNA_N
ClientSampleId :

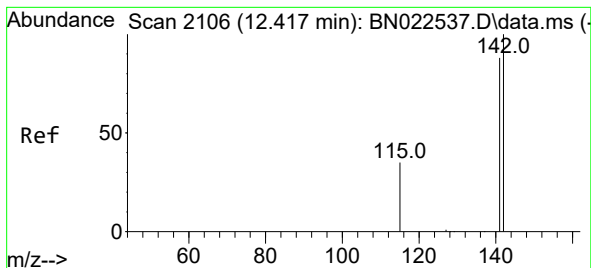
Tgt Ion: 88 Resp: 817
Ion Ratio Lower Upper
88 100
43 49.7 27.4 41.2#
58 67.8 48.2 72.2



#5
Naphthalene
Concen: 0.382 ng/ul
RT: 10.783 min Scan# 1809
Delta R.T. -0.011 min
Lab File: BN022570.D
Acq: 08 Nov 2022 20:59

Tgt Ion: 128 Resp: 6148
Ion Ratio Lower Upper
128 100
129 12.2 9.3 13.9
127 14.0 10.7 16.1

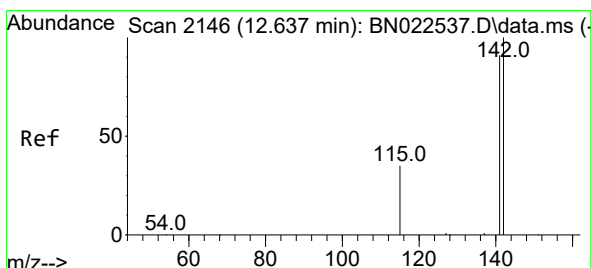
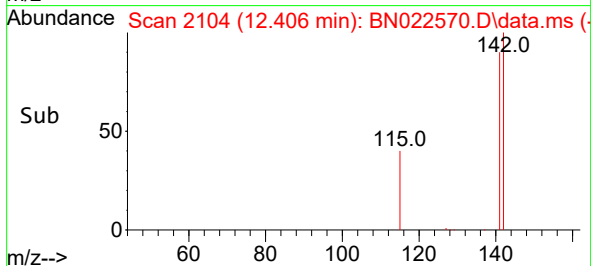
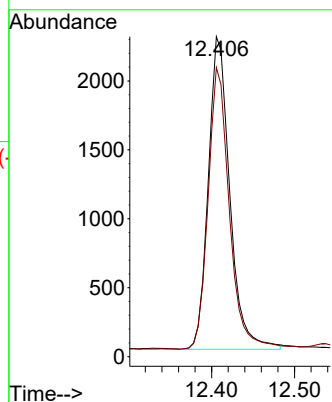
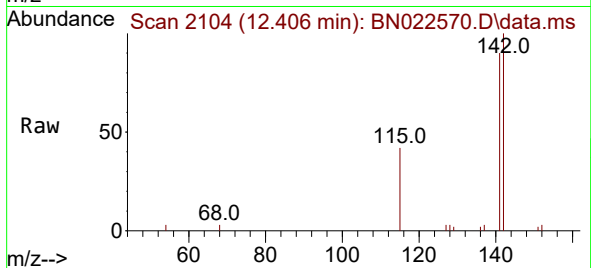




#7
2-Methylnaphthalene
Concen: 0.404 ng/ul
RT: 12.406 min Scan# 2104
Delta R.T. -0.011 min
Lab File: BN022570.D
Acq: 08 Nov 2022 20:59

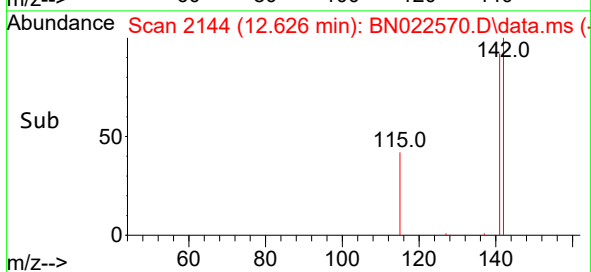
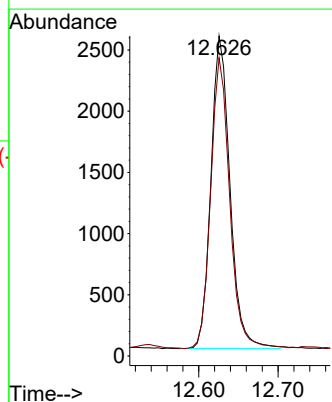
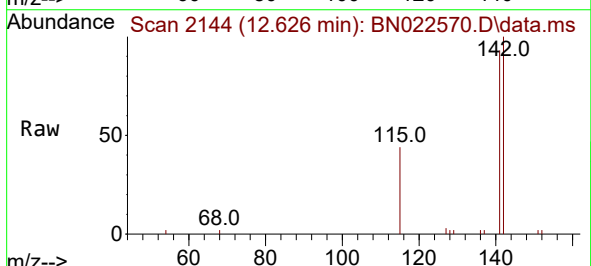
Instrument :
BNA_N
ClientSampleId :

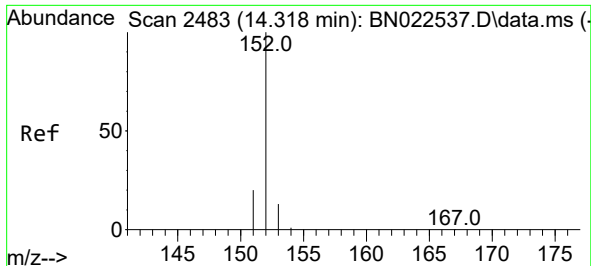
Tgt Ion:142 Resp: 4092
Ion Ratio Lower Upper
142 100
141 88.7 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.409 ng/ul
RT: 12.626 min Scan# 2144
Delta R.T. -0.011 min
Lab File: BN022570.D
Acq: 08 Nov 2022 20:59

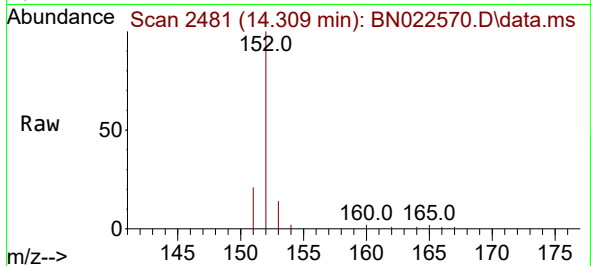
Tgt Ion:142 Resp: 4267
Ion Ratio Lower Upper
142 100
141 92.7 73.3 109.9



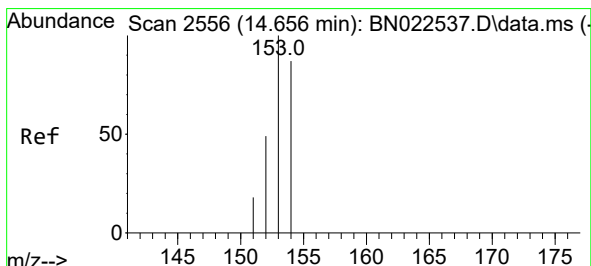
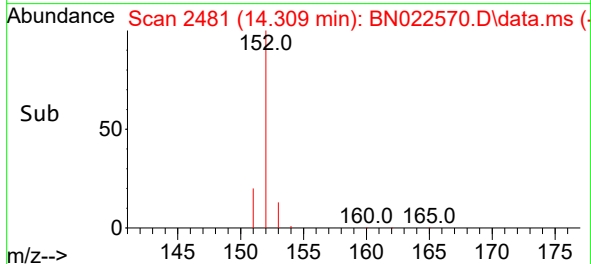
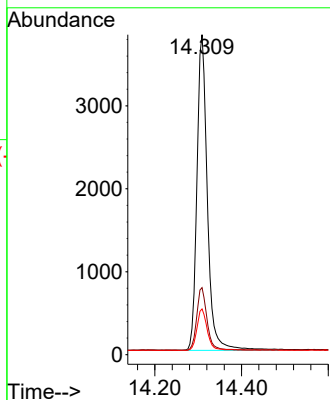


#10
Acenaphthylene
Concen: 0.395 ng/ul
RT: 14.309 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BN022570.D
Acq: 08 Nov 2022 20:59

Instrument :
BNA_N
ClientSampleId :

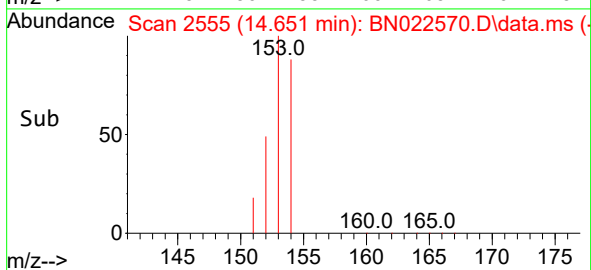
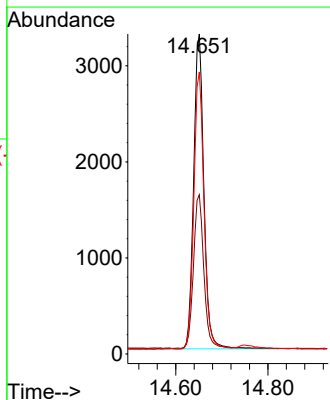
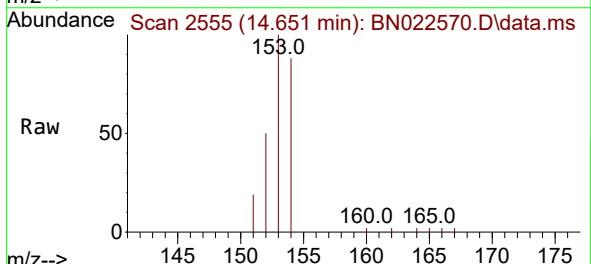


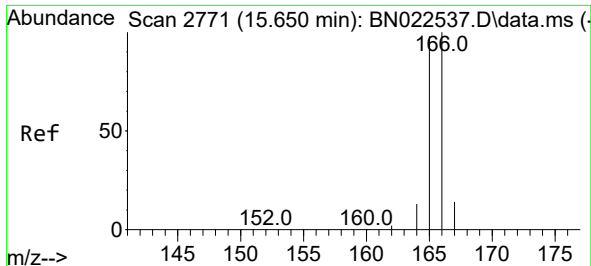
Tgt Ion:152 Resp: 6375
Ion Ratio Lower Upper
152 100
151 20.9 15.9 23.9
153 14.3 10.8 16.2



#11
Acenaphthene
Concen: 0.371 ng/ul
RT: 14.651 min Scan# 2555
Delta R.T. -0.009 min
Lab File: BN022570.D
Acq: 08 Nov 2022 20:59

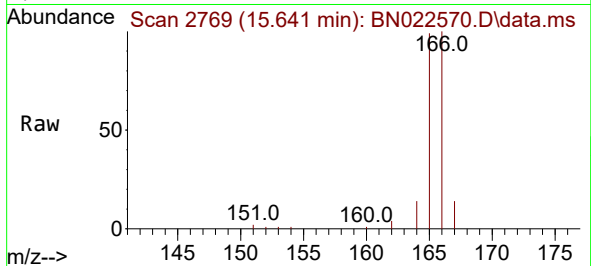
Tgt Ion:153 Resp: 5047
Ion Ratio Lower Upper
153 100
152 49.8 40.6 61.0
154 88.1 70.6 106.0



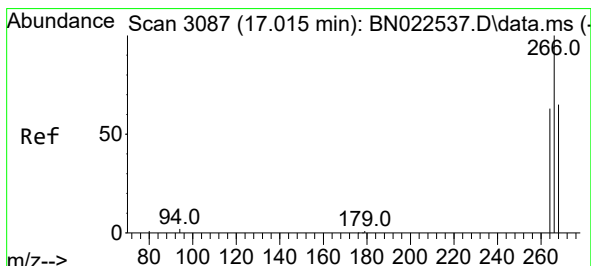
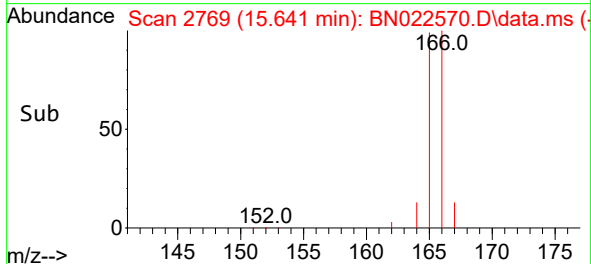
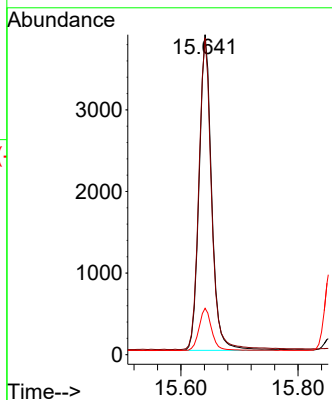


#12
Fluorene
Concen: 0.365 ng/ul
RT: 15.641 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN022570.D
Acq: 08 Nov 2022 20:59

Instrument :
BNA_N
ClientSampleId :

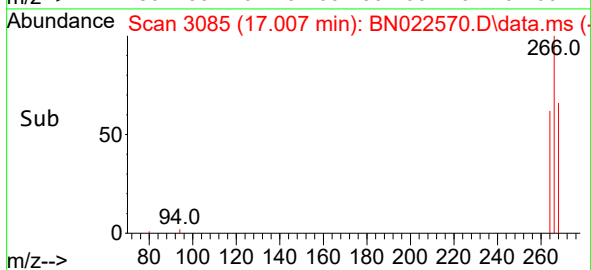
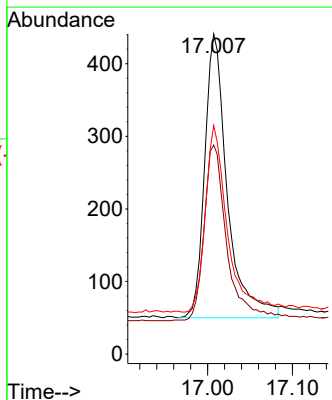
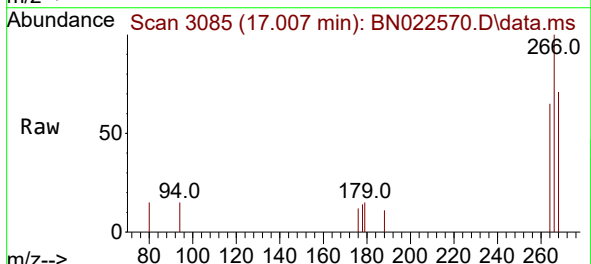


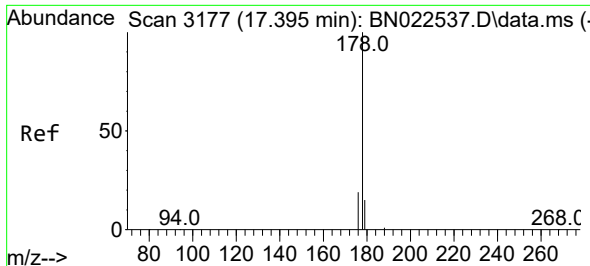
Tgt Ion:166 Resp: 5774
Ion Ratio Lower Upper
166 100
165 99.0 78.2 117.2
167 14.5 11.0 16.4



#14
Pentachlorophenol
Concen: 0.388 ng/ul
RT: 17.007 min Scan# 3085
Delta R.T. -0.004 min
Lab File: BN022570.D
Acq: 08 Nov 2022 20:59

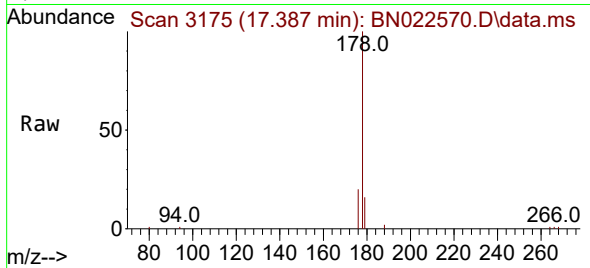
Tgt Ion:266 Resp: 727
Ion Ratio Lower Upper
266 100
264 62.6 49.8 74.6
268 64.4 51.4 77.2



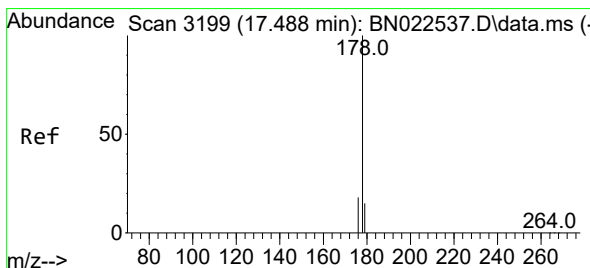
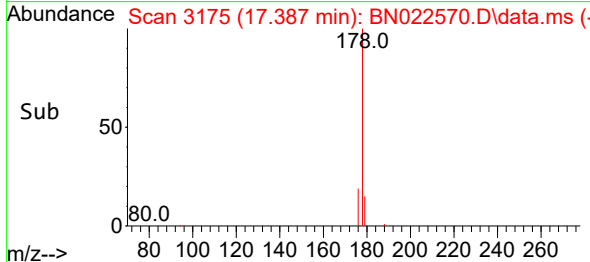
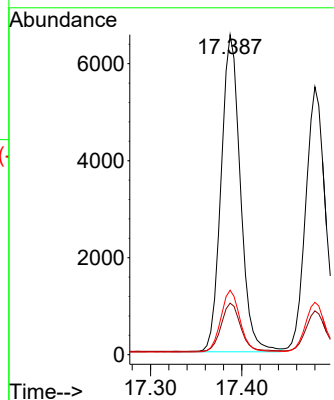


#15
Phenanthrene
Concen: 0.361 ng/ul
RT: 17.387 min Scan# 3175
Delta R.T. -0.008 min
Lab File: BN022570.D
Acq: 08 Nov 2022 20:59

Instrument :
BNA_N
ClientSampleId :

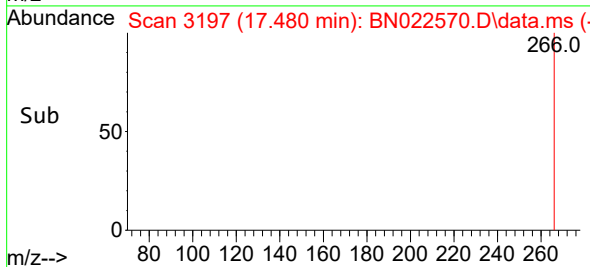
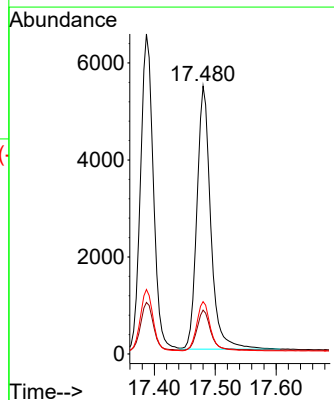
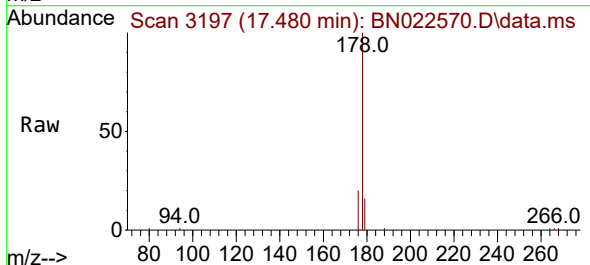


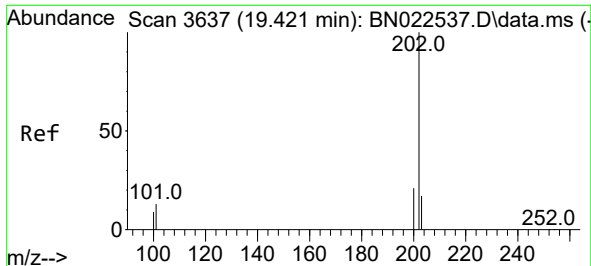
Tgt Ion:178 Resp: 9545
Ion Ratio Lower Upper
178 100
179 16.1 12.7 19.1
176 20.2 15.4 23.2



#16
Anthracene
Concen: 0.384 ng/ul
RT: 17.480 min Scan# 3197
Delta R.T. -0.008 min
Lab File: BN022570.D
Acq: 08 Nov 2022 20:59

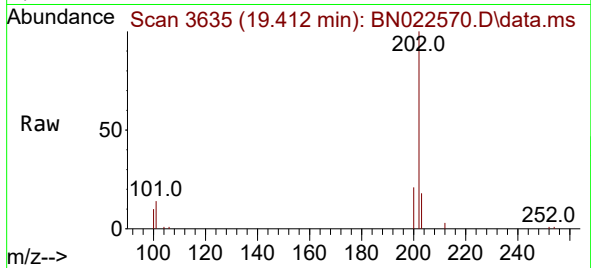
Tgt Ion:178 Resp: 8553
Ion Ratio Lower Upper
178 100
179 16.4 12.6 18.8
176 19.6 15.0 22.6



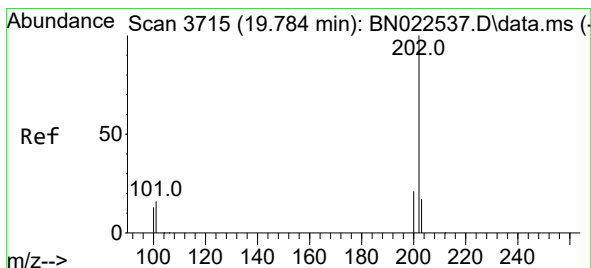
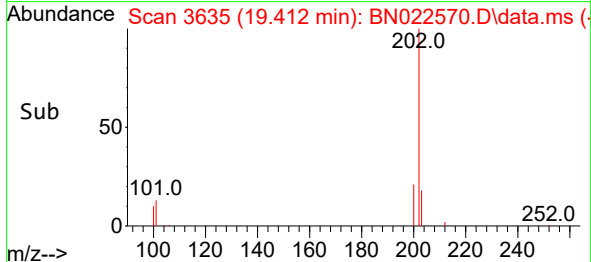
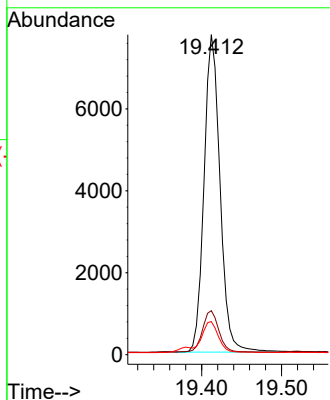


#19
Fluoranthene
Concen: 0.347 ng/ul
RT: 19.412 min Scan# 3635
Delta R.T. -0.009 min
Lab File: BN022570.D
Acq: 08 Nov 2022 20:59

Instrument :
BNA_N
ClientSampleId :

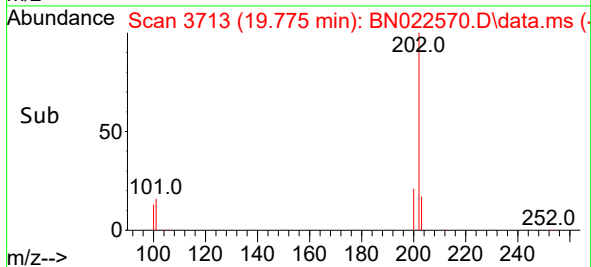
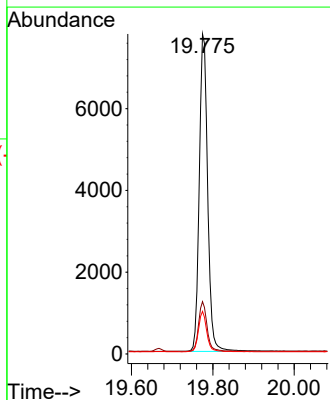
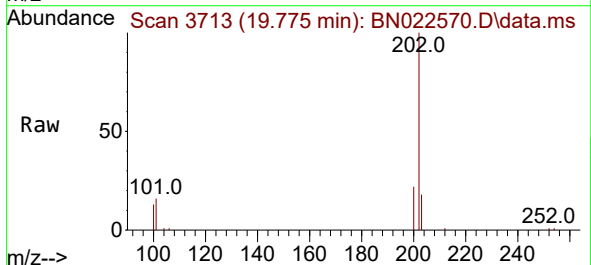


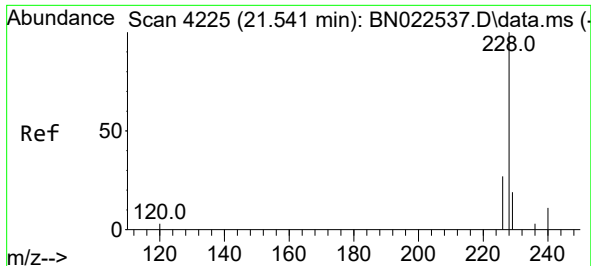
Tgt Ion:202 Resp: 10785
Ion Ratio Lower Upper
202 100
101 13.7 11.8 17.6
100 10.4 8.7 13.1



#20
Pyrene
Concen: 0.356 ng/ul
RT: 19.775 min Scan# 3713
Delta R.T. -0.009 min
Lab File: BN022570.D
Acq: 08 Nov 2022 20:59

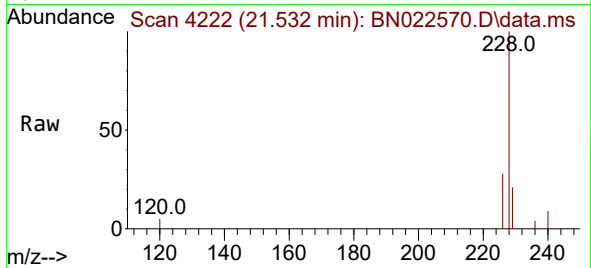
Tgt Ion:202 Resp: 11127
Ion Ratio Lower Upper
202 100
101 16.4 13.1 19.7
100 13.3 10.6 16.0



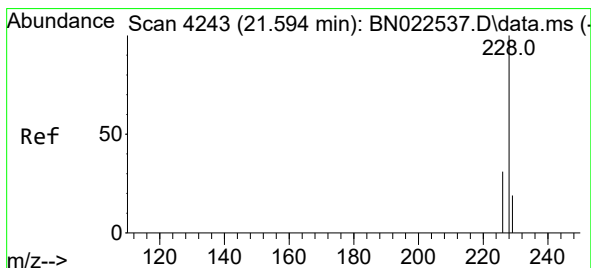
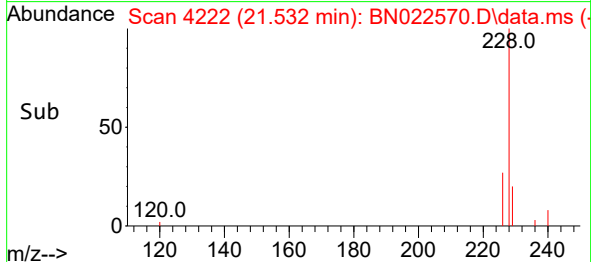
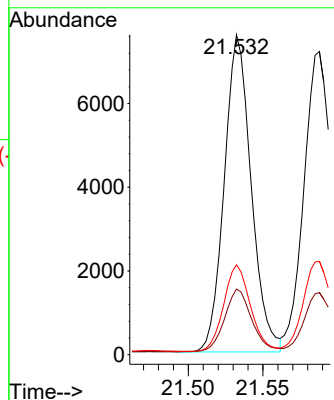


#21
Benzo(a)anthracene
Concen: 0.373 ng/ul
RT: 21.532 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN022570.D
Acq: 08 Nov 2022 20:59

Instrument :
BNA_N
ClientSampleId :

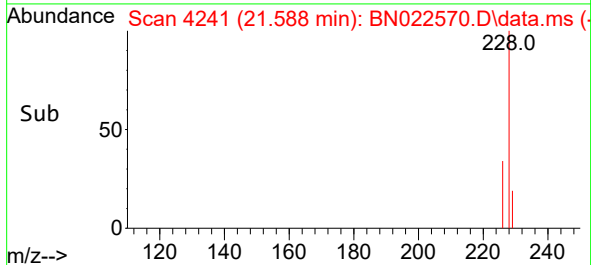
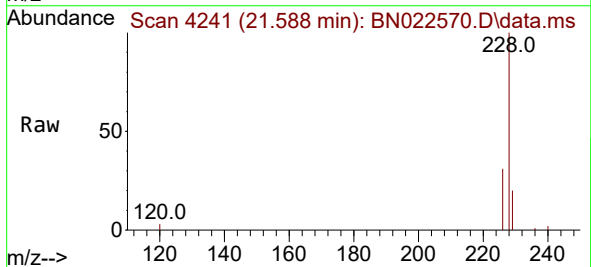
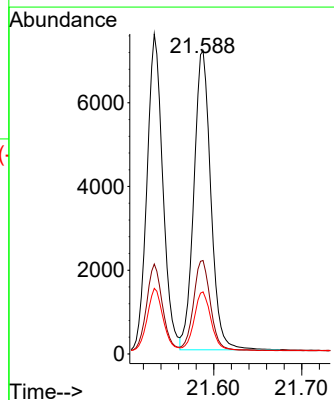


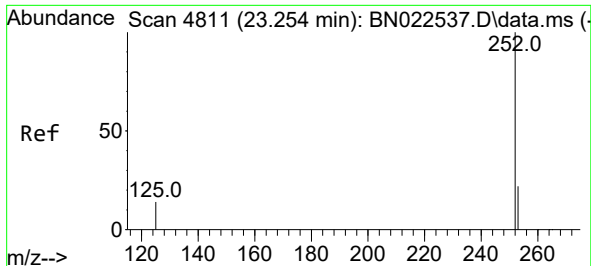
Tgt Ion:228 Resp: 9493
Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 28.1 21.5 32.3



#22
Chrysene
Concen: 0.355 ng/ul
RT: 21.588 min Scan# 4241
Delta R.T. -0.006 min
Lab File: BN022570.D
Acq: 08 Nov 2022 20:59

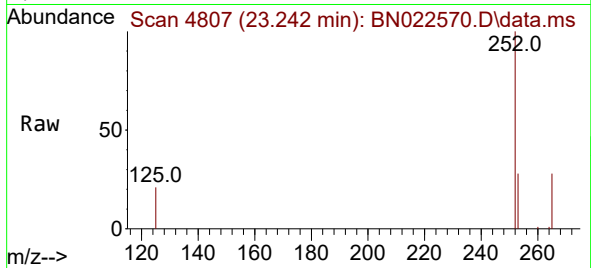
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Ion Ratio Lower Upper
228 100
226 30.8 23.9 35.9
229 20.5 15.9 23.9



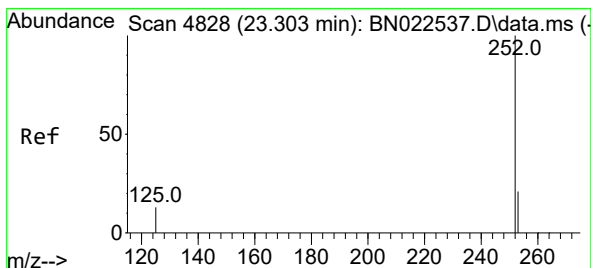
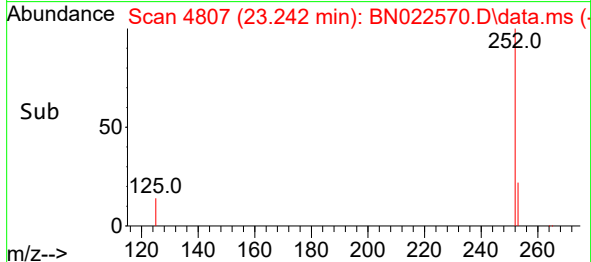
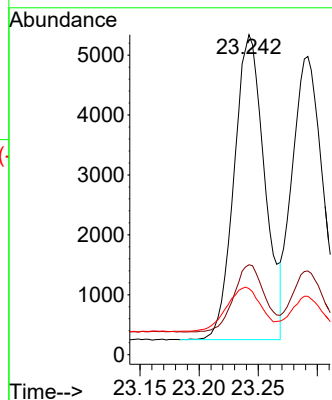


#24
Benzo(b)fluoranthene
Concen: 0.331 ng/ul
RT: 23.242 min Scan# 4811
Delta R.T. -0.009 min
Lab File: BN022570.D
Acq: 08 Nov 2022 20:59

Instrument :
BNA_N
ClientSampleId :

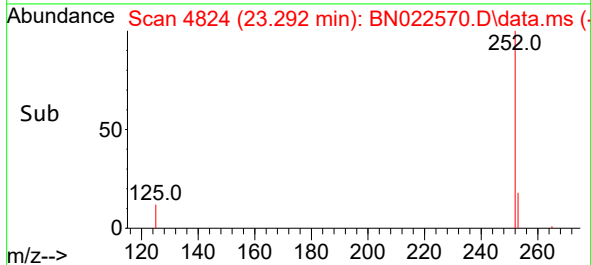
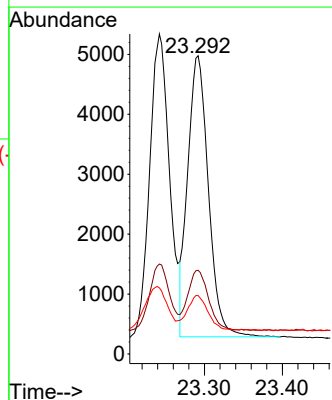
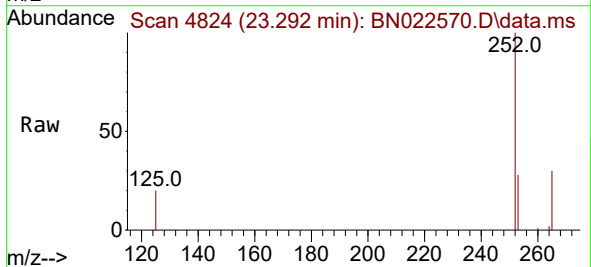


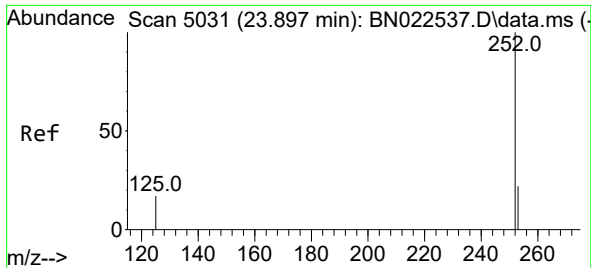
Tgt Ion:252 Resp: 9137
Ion Ratio Lower Upper
252 100
253 28.1 0.0 49.0
125 20.6 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.322 ng/ul
RT: 23.292 min Scan# 4824
Delta R.T. -0.009 min
Lab File: BN022570.D
Acq: 08 Nov 2022 20:59

Tgt Ion:252 Resp: 8644
Ion Ratio Lower Upper
252 100
253 28.1 19.7 29.5
125 19.6 14.0 21.0

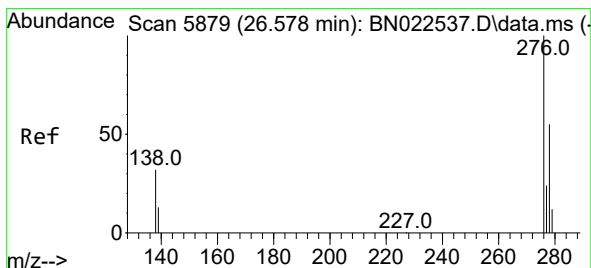
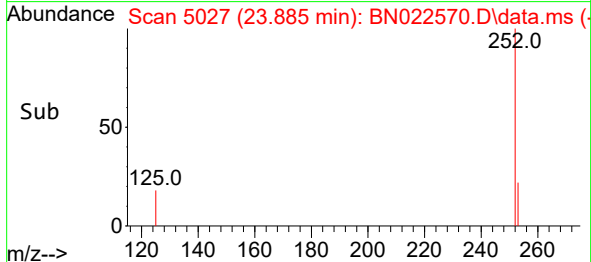
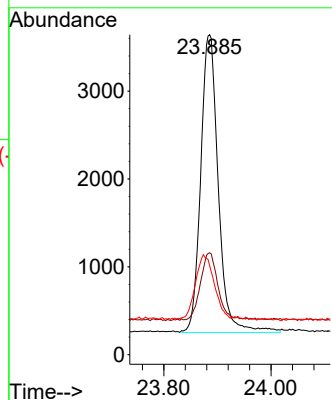
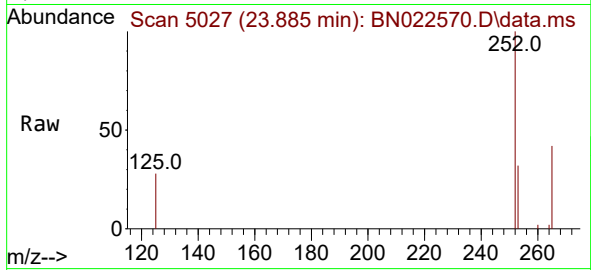




#26
Benzo(a)pyrene
Concen: 0.351 ng/ul
RT: 23.885 min Scan# 5031
Delta R.T. -0.009 min
Lab File: BN022570.D
Acq: 08 Nov 2022 20:59

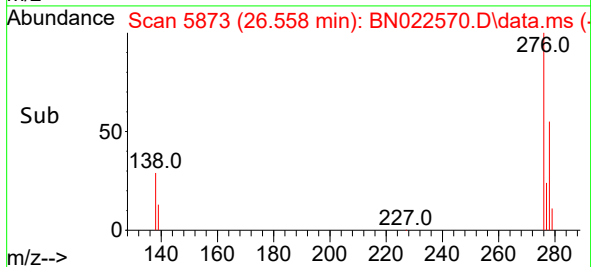
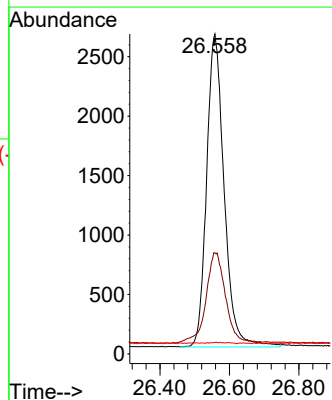
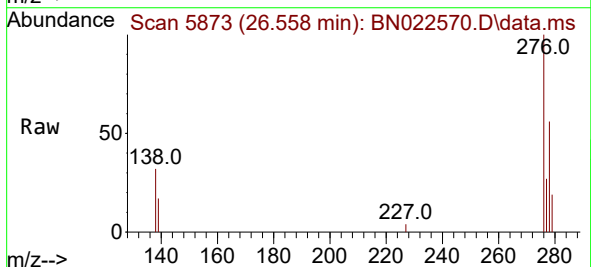
Instrument :
BNA_N
ClientSampleId :

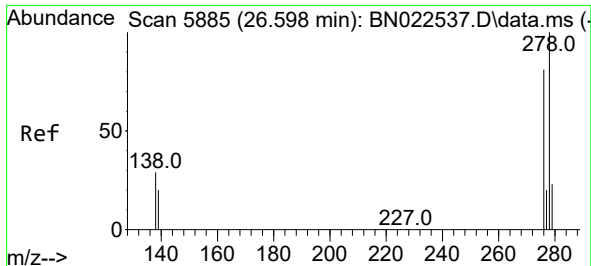
Tgt Ion:252 Resp: 7719
Ion Ratio Lower Upper
252 100
253 31.9 21.0 31.6#
125 27.9 17.9 26.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.337 ng/ul
RT: 26.558 min Scan# 5873
Delta R.T. -0.013 min
Lab File: BN022570.D
Acq: 08 Nov 2022 20:59

Tgt Ion:276 Resp: 9206
Ion Ratio Lower Upper
276 100
138 32.0 27.7 41.5
227 0.2 0.2 0.2

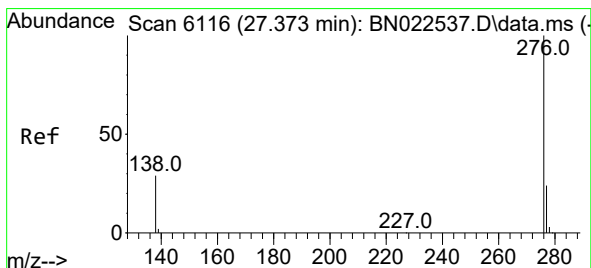
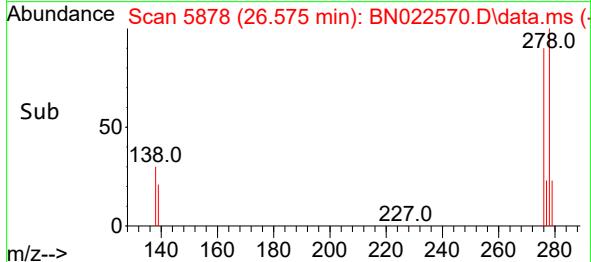
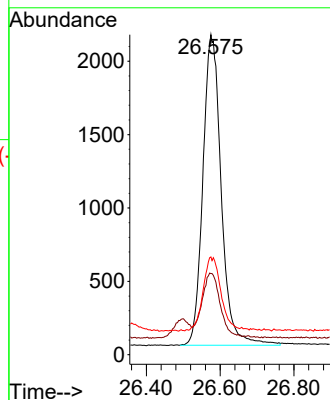
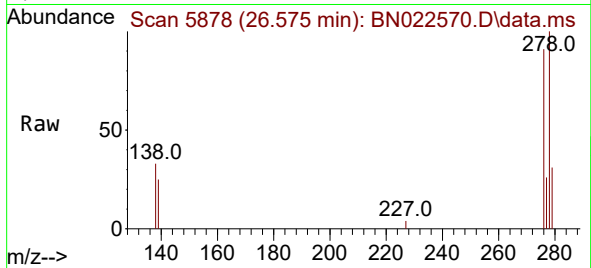




#28
Dibenzo(a,h)anthracene
Concen: 0.334 ng/ul
RT: 26.575 min Scan# 5878
Delta R.T. -0.013 min
Lab File: BN022570.D
Acq: 08 Nov 2022 20:59

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 278 Resp: 7301
Ion Ratio Lower Upper
278 100
139 25.4 19.6 29.4
279 30.6 20.6 30.8



#29
Benzo(g,h,i)perylene
Concen: 0.337 ng/ul
RT: 27.350 min Scan# 6109
Delta R.T. -0.010 min
Lab File: BN022570.D
Acq: 08 Nov 2022 20:59

Tgt Ion: 276 Resp: 7498
Ion Ratio Lower Upper
276 100
138 30.4 25.2 37.8
277 27.0 19.9 29.9

