

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
 Data File : BN019870.D
 Acq On : 20 May 2022 15:52
 Operator : CG/JU
 Sample : PB144952BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS952

Quant Time: May 26 04:19:36 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 01:41:05 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

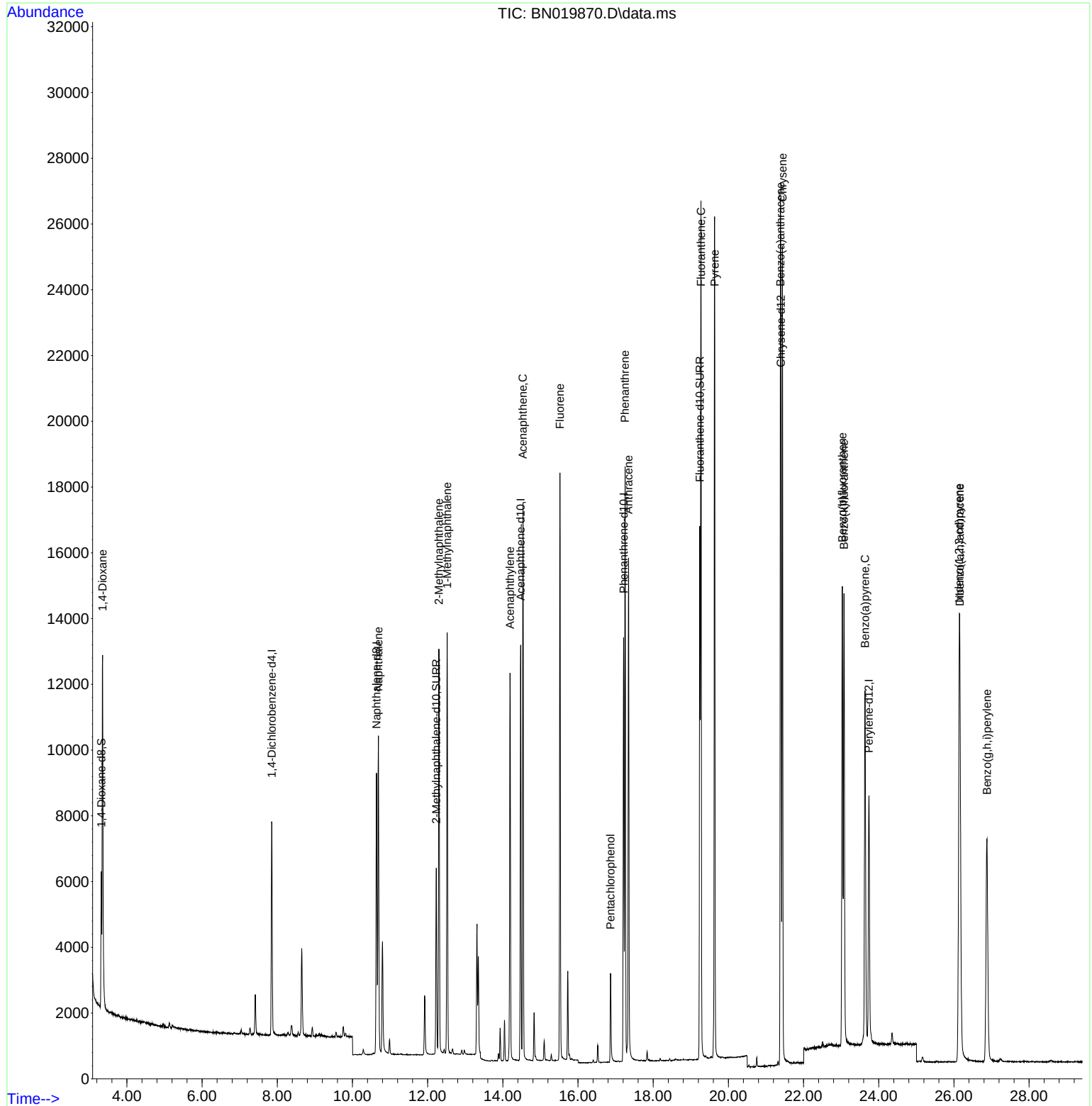
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	3591	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	11790	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	7215	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	15459	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	13688	0.400	ng/ul	0.00
23) Perylene-d12	23.738	264	10904	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	2842	0.669	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	7605	0.426	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	18074	0.417	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.353	88	7113	1.576	ng/ul#	80
5) Naphthalene	10.689	128	13647	0.358	ng/ul	99
7) 2-Methylnaphthalene	12.300	142	8870	0.381	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	8893	0.413	ng/ul#	100
10) Acenaphthylene	14.192	152	13636	0.382	ng/ul	100
11) Acenaphthene	14.534	153	9883	0.345	ng/ul	98
12) Fluorene	15.520	166	11369	0.361	ng/ul	100
14) Pentachlorophenol	16.867	266	1949	0.586	ng/ul	89
15) Phenanthrene	17.251	178	19596	0.345	ng/ul	99
16) Anthracene	17.344	178	17513	0.378	ng/ul	99
19) Fluoranthene	19.272	202	22659	0.362	ng/ul	99
20) Pyrene	19.634	202	23003	0.368	ng/ul	98
21) Benzo(a)anthracene	21.385	228	20664	0.404	ng/ul	99
22) Chrysene	21.438	228	21604	0.358	ng/ul	100
24) Benzo(b)fluoranthene	23.031	252	19361	0.350	ng/ul	91
25) Benzo(k)fluoranthene	23.077	252	18632	0.350	ng/ul	98
26) Benzo(a)pyrene	23.633	252	17512	0.372	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.141	276	17851	0.304	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.158	278	14723	0.300	ng/ul#	80
29) Benzo(g,h,i)perylene	26.879	276	14878	0.277	ng/ul	98

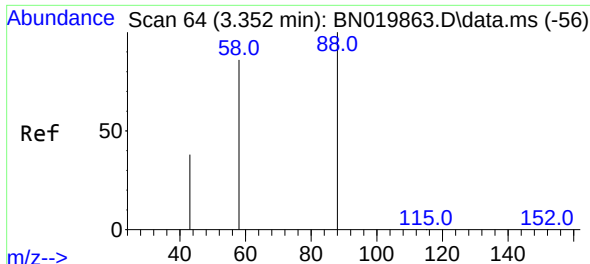
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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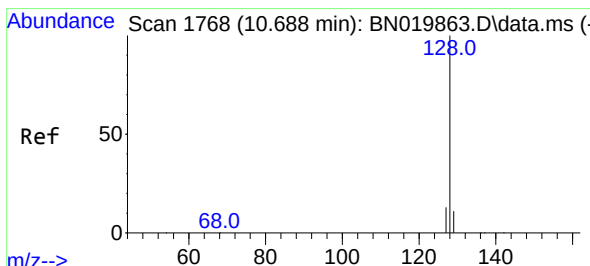
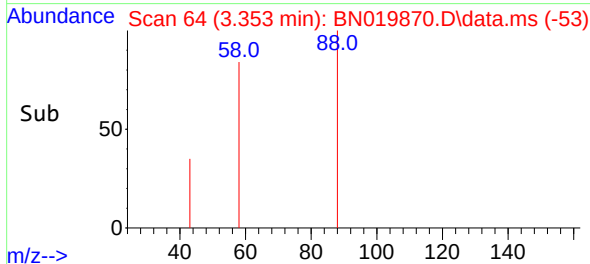
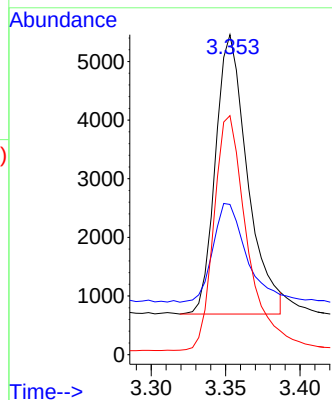
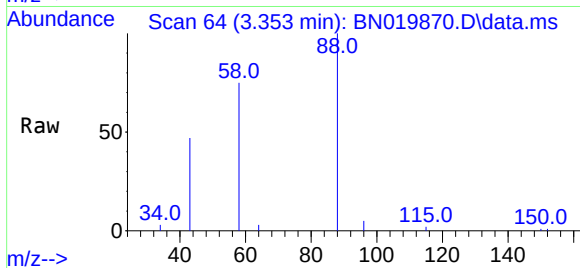




#2
1,4-Dioxane
Concen: 1.576 ng/ul
RT: 3.353 min Scan# 64
Delta R.T. -0.004 min
Lab File: BN019870.D
Acq: 20 May 2022 15:52

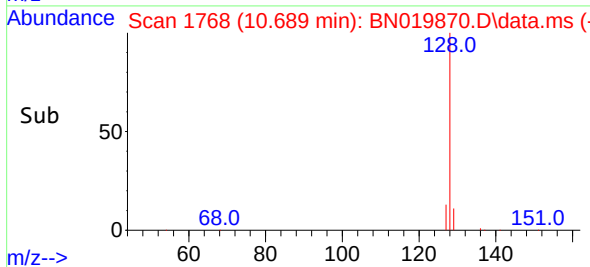
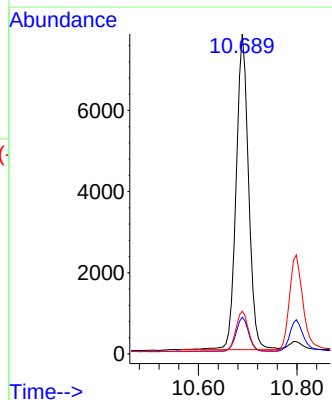
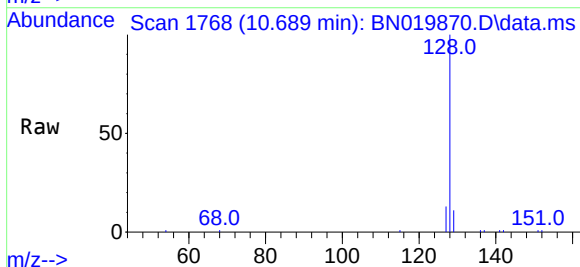
Instrument :
BNA_N
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SLCS952

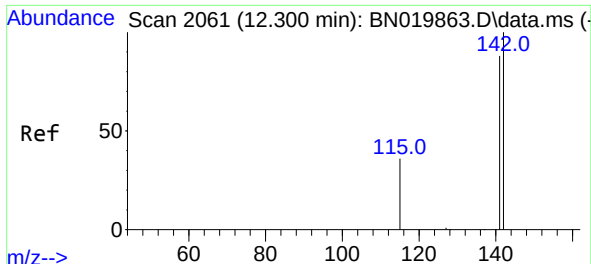
Tgt Ion: 88 Resp: 7113
Ion Ratio Lower Upper
88 100
43 47.0 39.0 58.4
58 74.7 39.8 59.8#



#5
Naphthalene
Concen: 0.358 ng/ul
RT: 10.689 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN019870.D
Acq: 20 May 2022 15:52

Tgt Ion:128 Resp: 13647
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.4 11.0 16.4

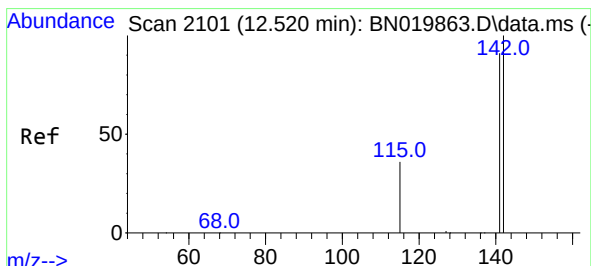
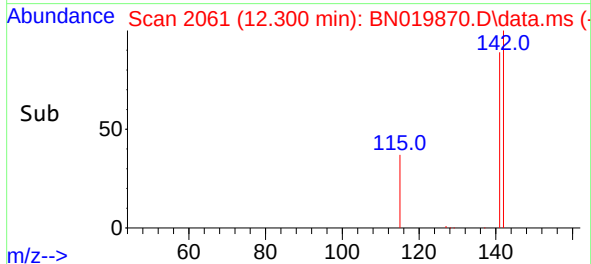
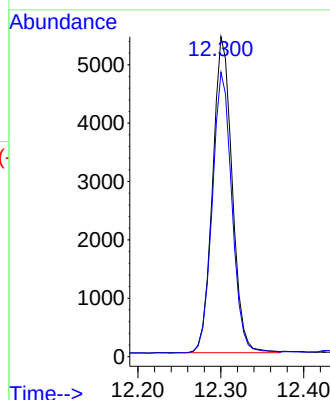
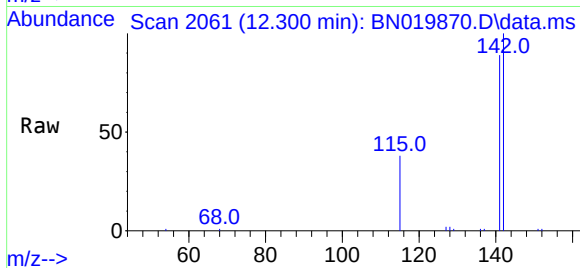




#7
2-Methylnaphthalene
Concen: 0.381 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BN019870.D
Acq: 20 May 2022 15:52

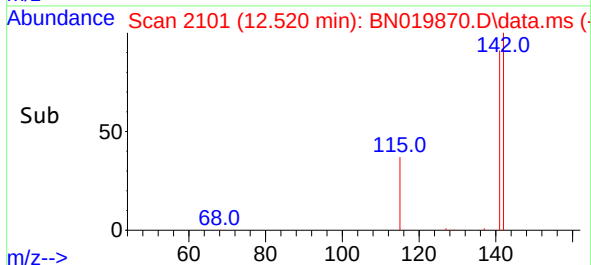
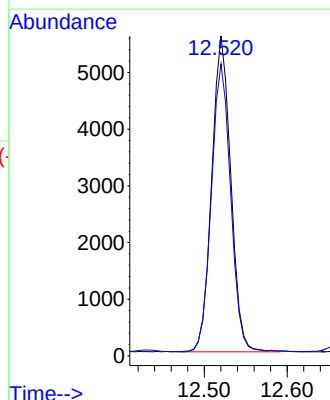
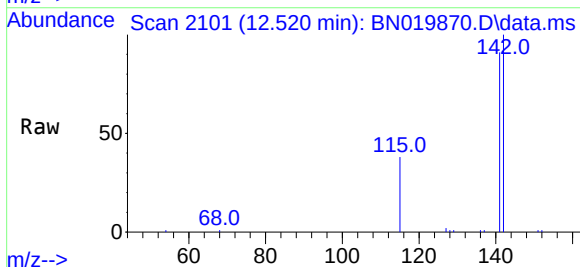
Instrument :
BNA_N
ClientSampleId :
SLCS952

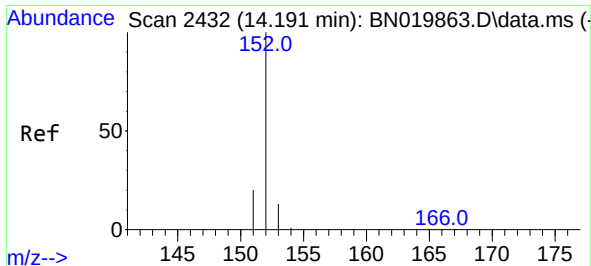
Tgt Ion:142 Resp: 8870
Ion Ratio Lower Upper
142 100
141 89.4 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.413 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN019870.D
Acq: 20 May 2022 15:52

Tgt Ion:142 Resp: 8893
Ion Ratio Lower Upper
142 100
141 92.4 0.0 0.0#

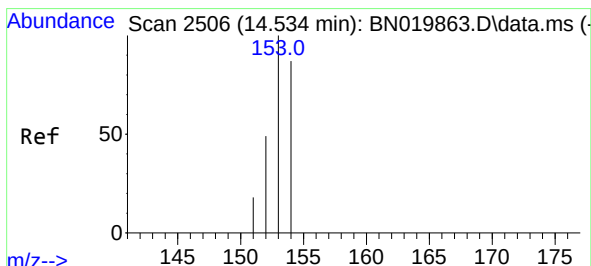
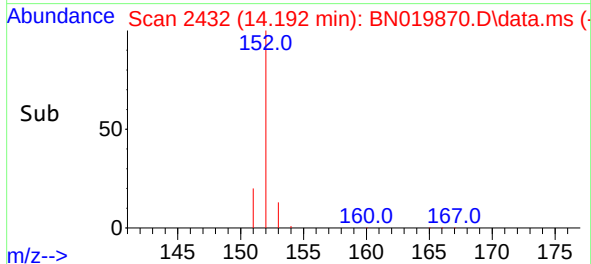
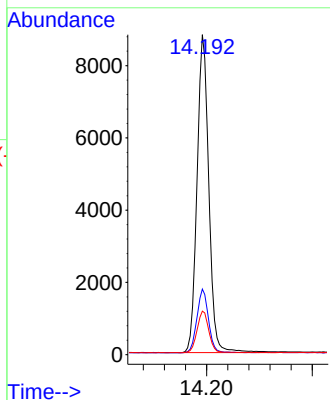
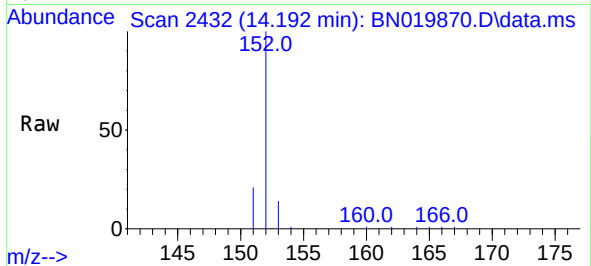




#10
Acenaphthylene
Concen: 0.382 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BN019870.D
Acq: 20 May 2022 15:52

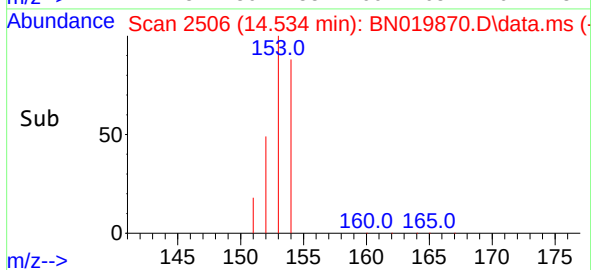
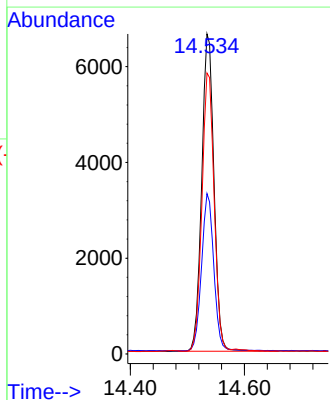
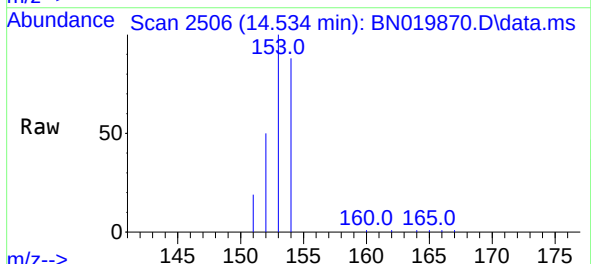
Instrument :
BNA_N
ClientSampleId :
SLCS952

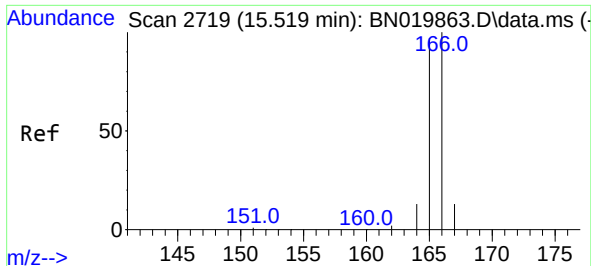
Tgt Ion:152 Resp: 13636
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.6 11.1 16.7



#11
Acenaphthene
Concen: 0.345 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BN019870.D
Acq: 20 May 2022 15:52

Tgt Ion:153 Resp: 9883
Ion Ratio Lower Upper
153 100
152 50.1 38.6 57.8
154 87.8 71.2 106.8

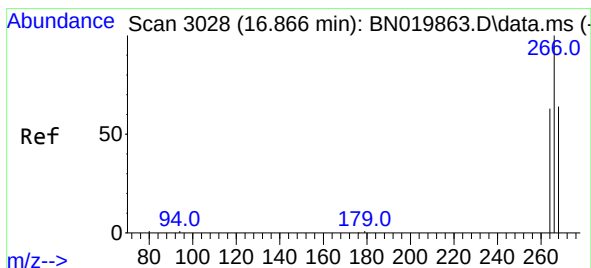
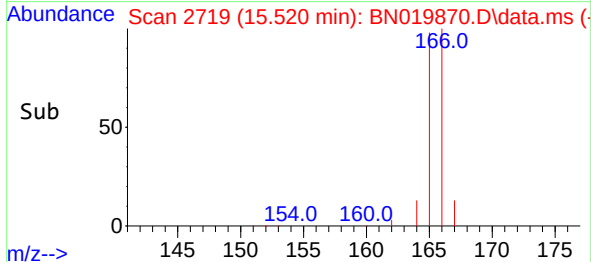
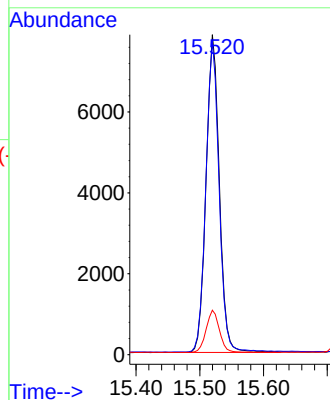
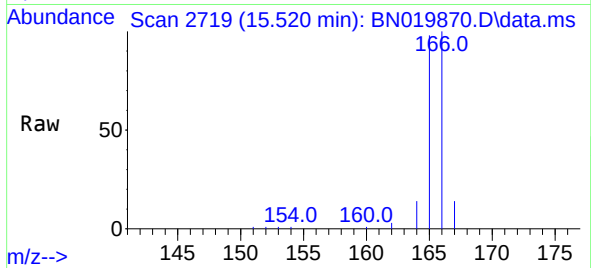




#12
Fluorene
Concen: 0.361 ng/ul
RT: 15.520 min Scan# 2719
Delta R.T. -0.005 min
Lab File: BN019870.D
Acq: 20 May 2022 15:52

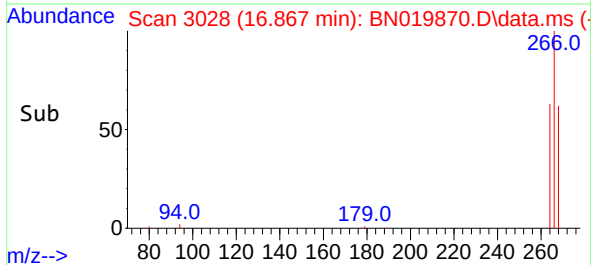
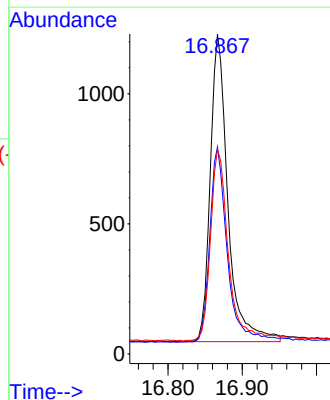
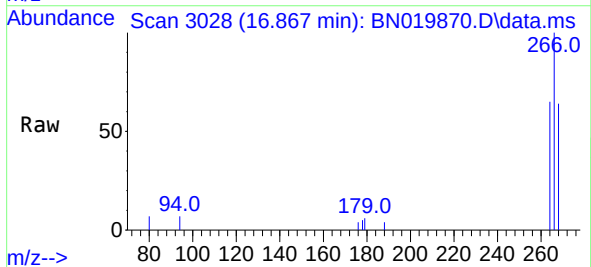
Instrument :
BNA_N
ClientSampleId :
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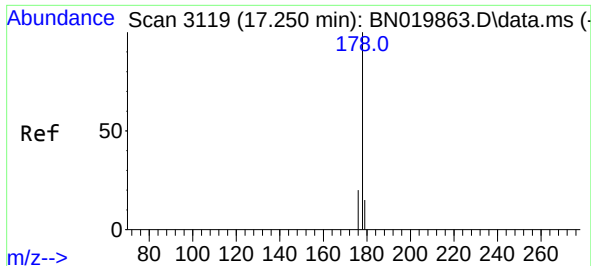
Tgt Ion:166 Resp: 11369
Ion Ratio Lower Upper
166 100
165 98.0 78.2 117.2
167 13.9 11.3 16.9



#14
Pentachlorophenol
Concen: 0.586 ng/ul
RT: 16.867 min Scan# 3028
Delta R.T. 0.000 min
Lab File: BN019870.D
Acq: 20 May 2022 15:52

Tgt Ion:266 Resp: 1949
Ion Ratio Lower Upper
266 100
264 63.5 44.9 67.3
268 63.9 44.6 67.0

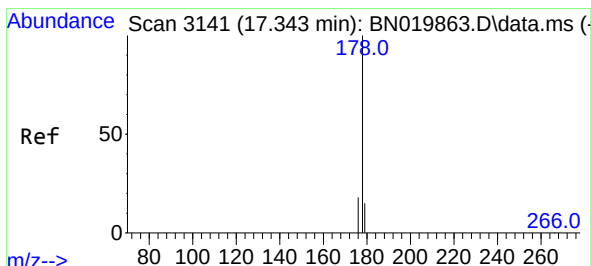
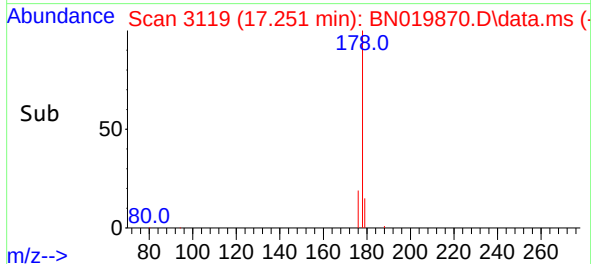
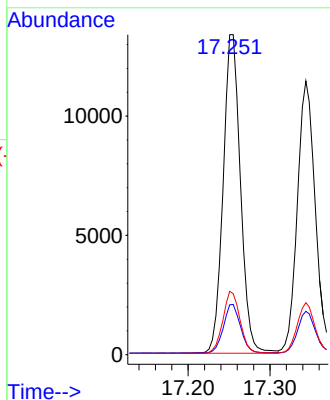
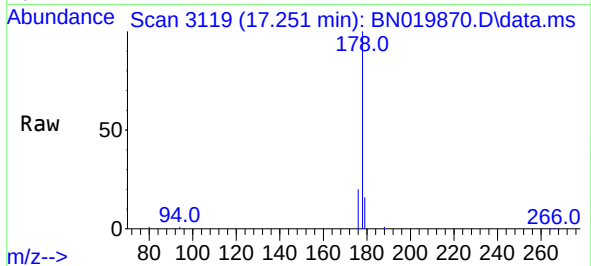




#15
Phenanthrene
Concen: 0.345 ng/u1
RT: 17.251 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BN019870.D
Acq: 20 May 2022 15:52

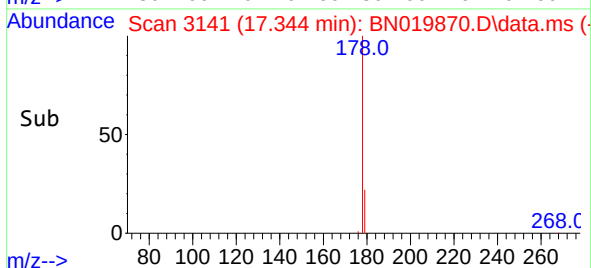
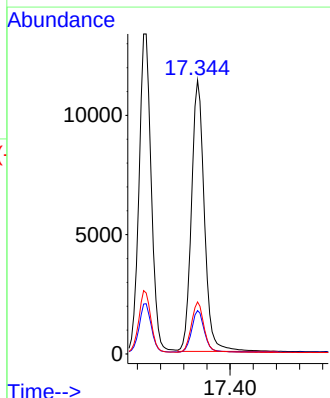
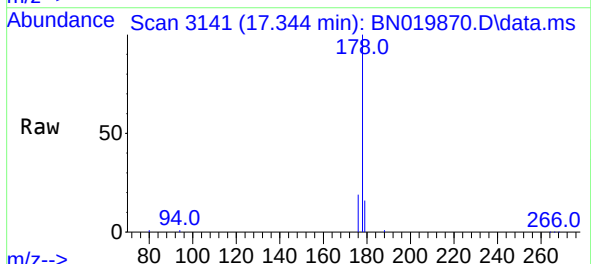
Instrument :
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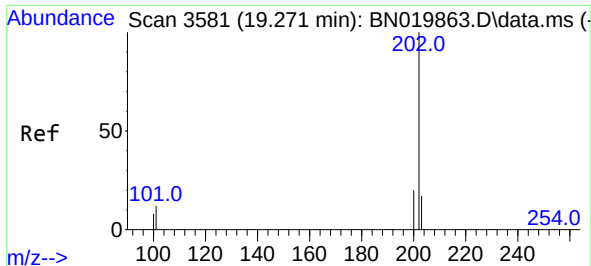
Tgt Ion:	178	Resp:	19596
Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.9	19.3
176	19.8	15.5	23.3



#16
Anthracene
Concen: 0.378 ng/u1
RT: 17.344 min Scan# 3141
Delta R.T. -0.004 min
Lab File: BN019870.D
Acq: 20 May 2022 15:52

Tgt Ion:	178	Resp:	17513
Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.1	19.7
176	19.0	15.3	22.9

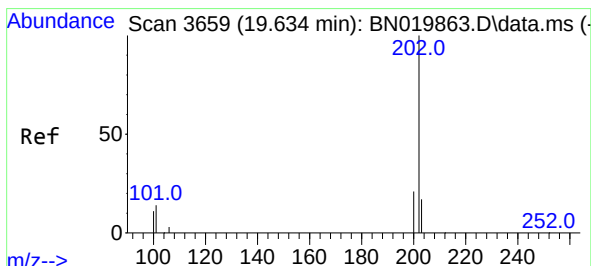
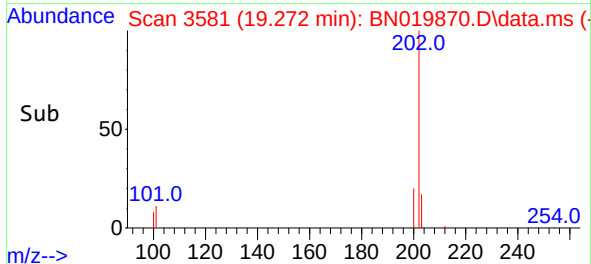
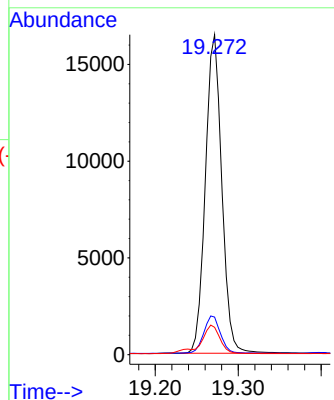
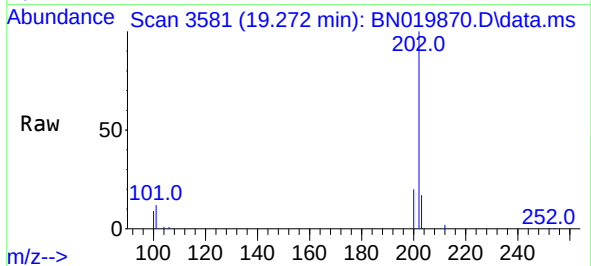




#19
Fluoranthene
Concen: 0.362 ng/ul
RT: 19.272 min Scan# 3581
Delta R.T. 0.000 min
Lab File: BN019870.D
Acq: 20 May 2022 15:52

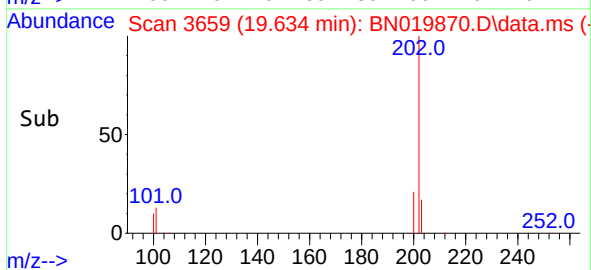
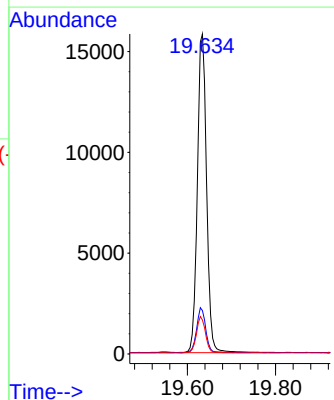
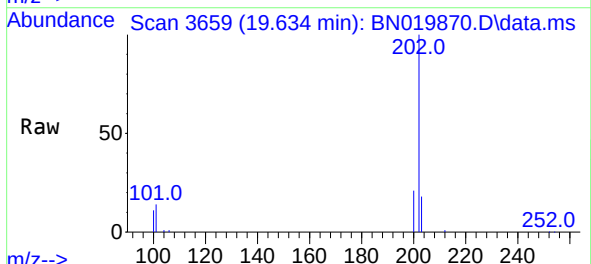
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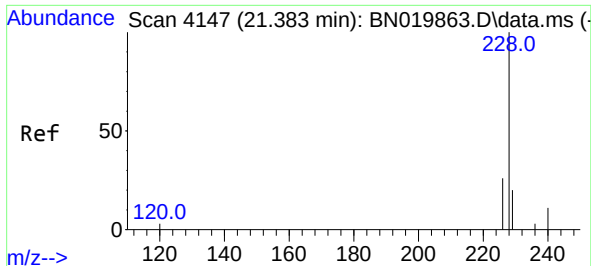
Tgt Ion:202 Resp: 22659
Ion Ratio Lower Upper
202 100
101 11.7 9.7 14.5
100 8.6 7.4 11.2



#20
Pyrene
Concen: 0.368 ng/ul
RT: 19.634 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BN019870.D
Acq: 20 May 2022 15:52

Tgt Ion:202 Resp: 23003
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.0
100 10.6 9.0 13.4

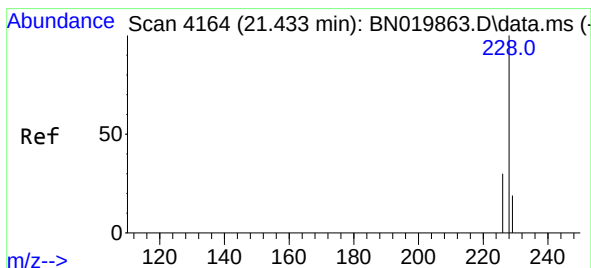
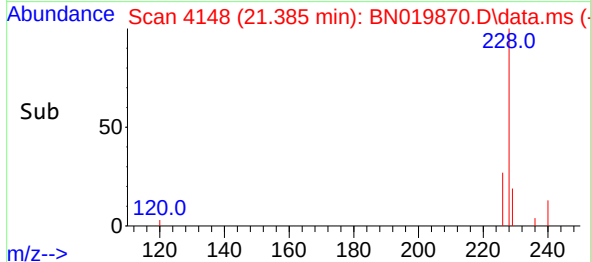
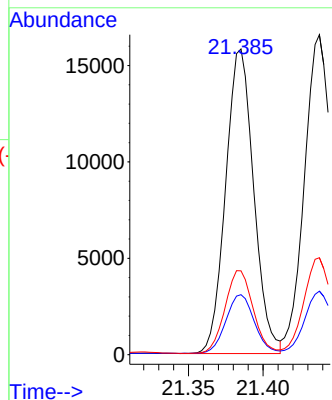
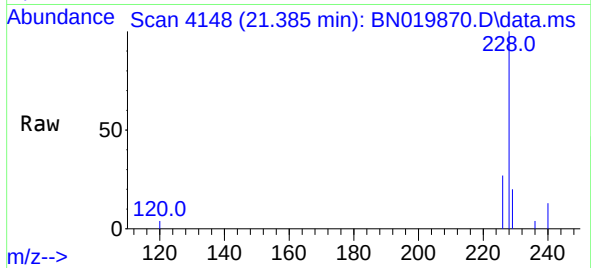




#21
Benzo(a)anthracene
Concen: 0.404 ng/ul
RT: 21.385 min Scan# 4147
Delta R.T. -0.003 min
Lab File: BN019870.D
Acq: 20 May 2022 15:52

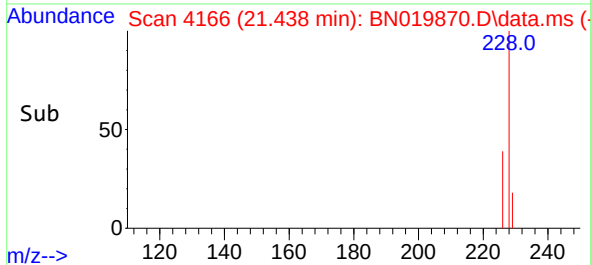
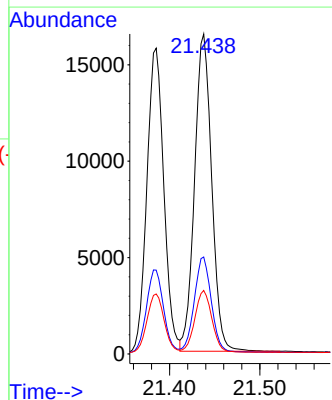
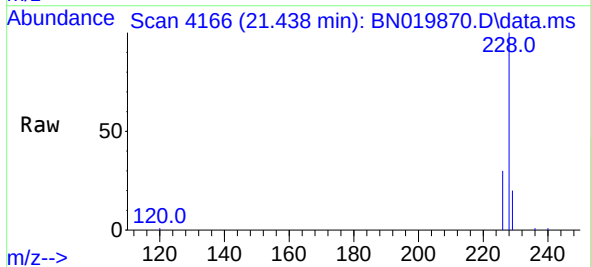
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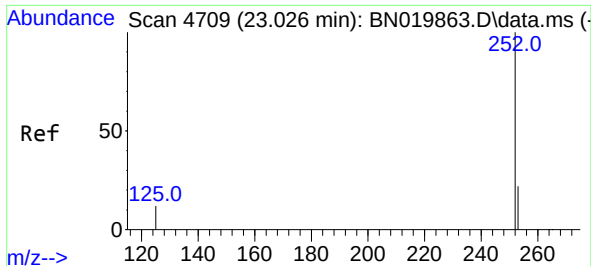
Tgt Ion:228 Resp: 20664
Ion Ratio Lower Upper
228 100
229 19.6 16.1 24.1
226 27.4 22.1 33.1



#22
Chrysene
Concen: 0.358 ng/ul
RT: 21.438 min Scan# 4166
Delta R.T. -0.003 min
Lab File: BN019870.D
Acq: 20 May 2022 15:52

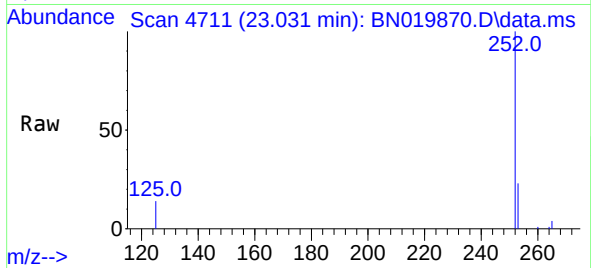
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Ion Ratio Lower Upper
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226 30.3 24.2 36.2
229 19.8 16.0 24.0



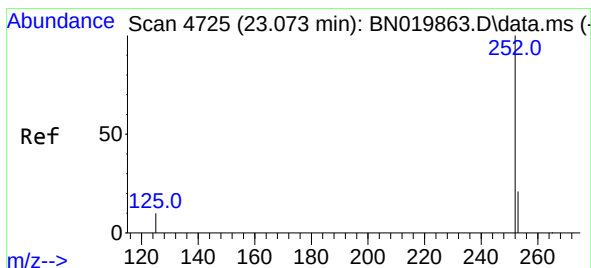
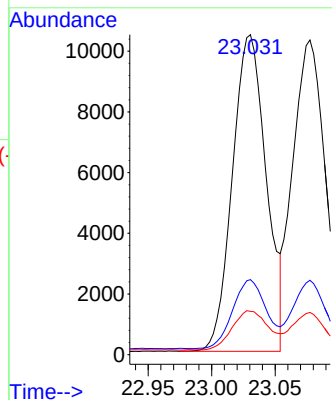


#24
Benzo(b)fluoranthene
Concen: 0.350 ng/ul
RT: 23.031 min Scan# 4711
Delta R.T. -0.003 min
Lab File: BN019870.D
Acq: 20 May 2022 15:52

Instrument :
BNA_N
ClientSampleId :
SLCS952

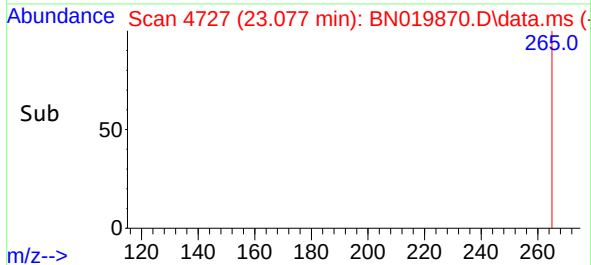
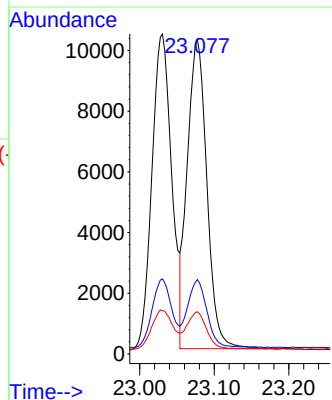
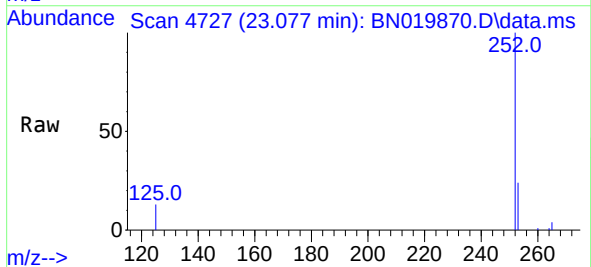


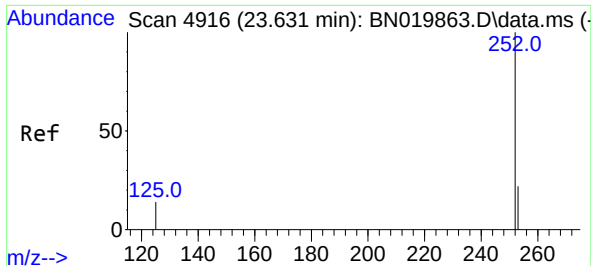
Tgt Ion:252 Resp: 19361
Ion Ratio Lower Upper
252 100
253 23.4 0.0 52.0
125 13.5 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.350 ng/ul
RT: 23.077 min Scan# 4727
Delta R.T. -0.003 min
Lab File: BN019870.D
Acq: 20 May 2022 15:52

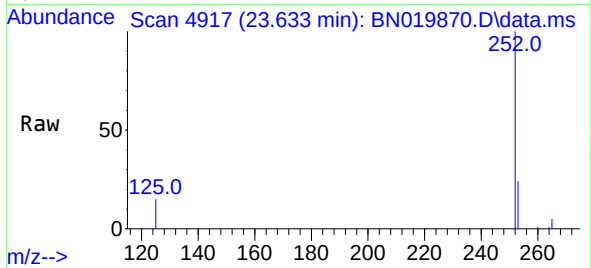
Tgt Ion:252 Resp: 18632
Ion Ratio Lower Upper
252 100
253 23.6 20.2 30.2
125 13.4 11.0 16.6



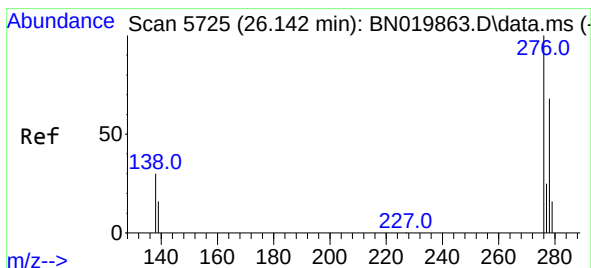
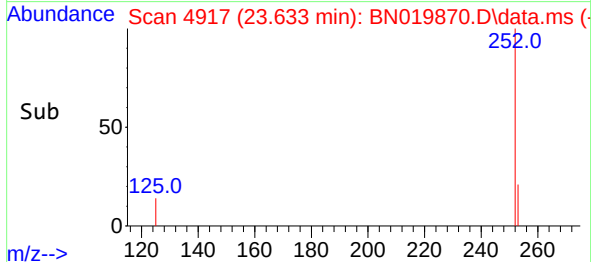
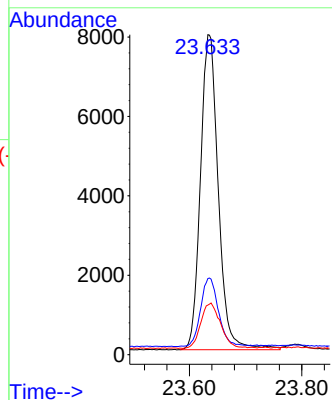


#26
Benzo(a)pyrene
Concen: 0.372 ng/ul
RT: 23.633 min Scan# 4916
Delta R.T. -0.006 min
Lab File: BN019870.D
Acq: 20 May 2022 15:52

Instrument :
BNA_N
ClientSampleId :
SLCS952

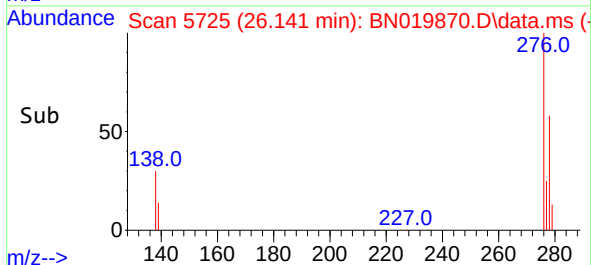
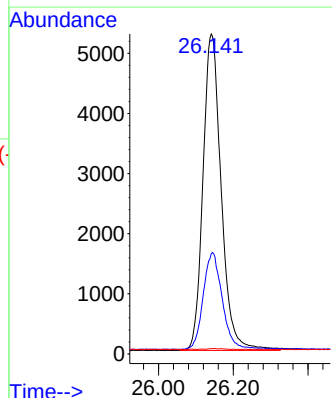
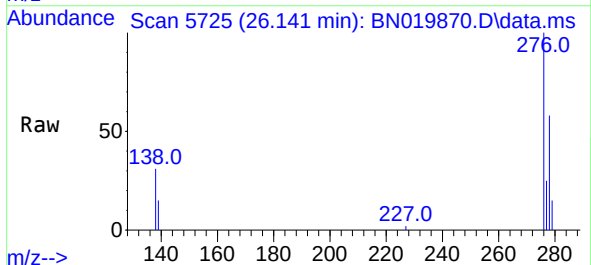


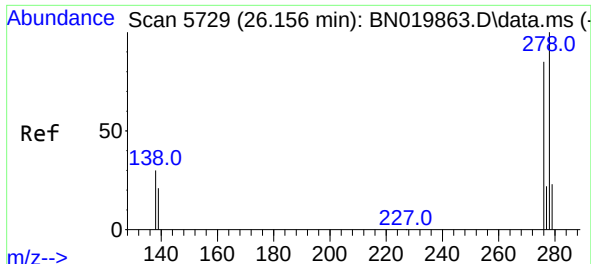
Tgt Ion:252 Resp: 17512
Ion Ratio Lower Upper
252 100
253 23.8 23.4 35.0
125 15.5 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.304 ng/ul
RT: 26.141 min Scan# 5725
Delta R.T. -0.007 min
Lab File: BN019870.D
Acq: 20 May 2022 15:52

Tgt Ion:276 Resp: 17851
Ion Ratio Lower Upper
276 100
138 31.9 23.6 35.4
227 0.3 0.0 0.0#

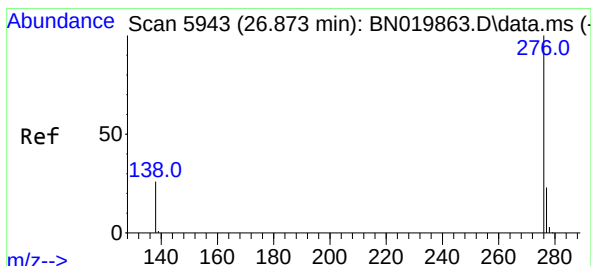
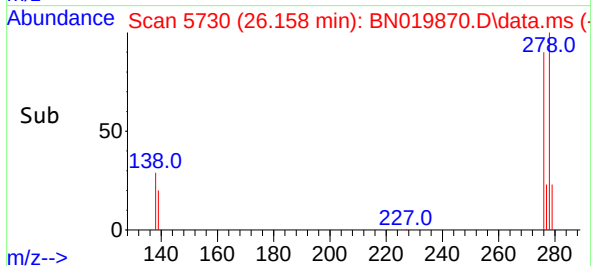
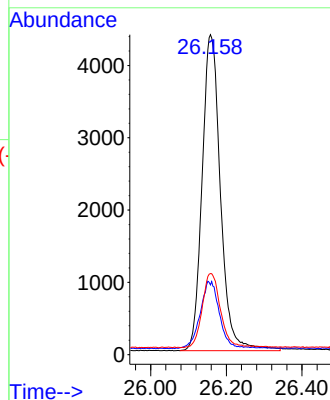
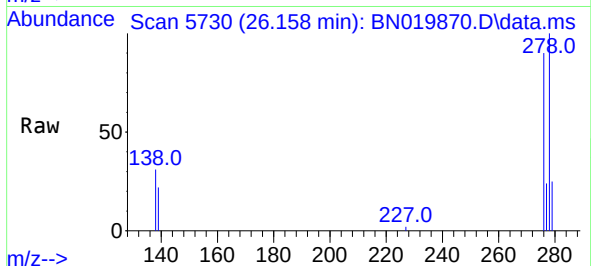




#28
Dibenzo(a,h)anthracene
Concen: 0.300 ng/ul
RT: 26.158 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN019870.D
Acq: 20 May 2022 15:52

Instrument :
BNA_N
ClientSampleId :
SLCS952

Tgt Ion:278 Resp: 14723
Ion Ratio Lower Upper
278 100
139 21.8 18.6 28.0
279 25.4 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.277 ng/ul
RT: 26.879 min Scan# 5945
Delta R.T. 0.000 min
Lab File: BN019870.D
Acq: 20 May 2022 15:52

Tgt Ion:276 Resp: 14878
Ion Ratio Lower Upper
276 100
138 28.0 20.9 31.3
277 25.0 20.4 30.6

