

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071321\
 Data File : BM030963.D
 Acq On : 14 Jul 2021 16:54
 Operator : CG/JU
 Sample : PB137499BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS499

Quant Time: Jul 14 17:39:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM071321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 13 14:01:01 2021
 Response via : Initial Calibration

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

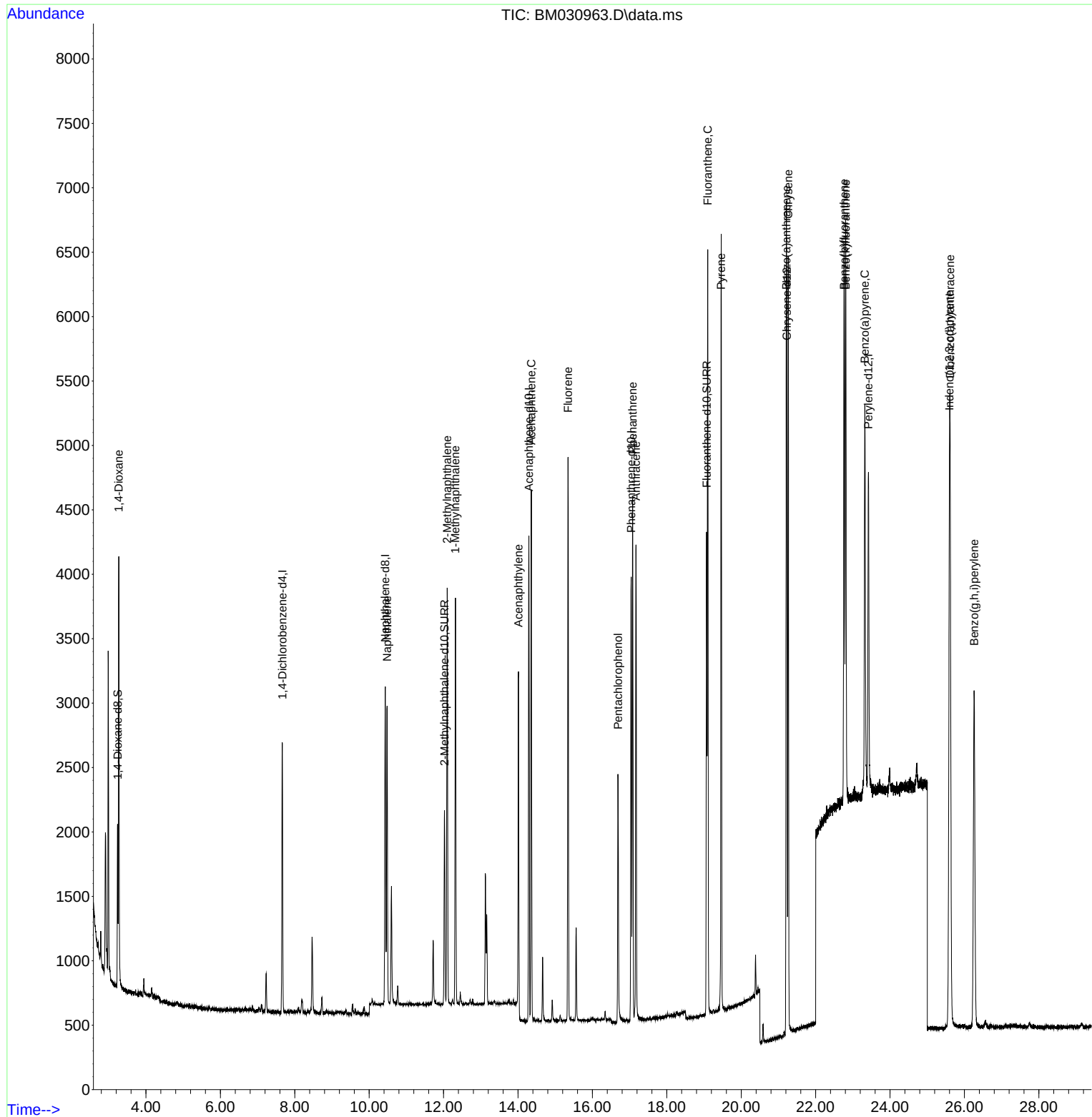
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	1027	0.400	ng/ul	0.00
4) Naphthalene-d8	10.433	136	3328	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.292	164	2058	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.041	188	4269	0.400	ng/ul	-0.01
17) Chrysene-d12	21.227	240	3369	0.400	ng/ul	0.00
23) Perylene-d12	23.418	264	3176	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.237	96	741	0.702	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.025	152	1898	0.328	ng/ul	0.00
18) Fluoranthene-d10	19.070	212	4226	0.373	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	1961	1.664	ng/ul#	81
5) Naphthalene	10.482	128	3138	0.316	ng/ul	100
7) 2-Methylnaphthalene	12.097	142	2200	0.314	ng/ul	99
8) 1-Methylnaphthalene	12.317	142	2052	0.299	ng/ul	100
10) Acenaphthylene	14.011	152	2854	0.283	ng/ul	99
11) Acenaphthene	14.356	153	2316	0.318	ng/ul	98
12) Fluorene	15.346	166	2727	0.315	ng/ul	99
14) Pentachlorophenol	16.687	266	1353	0.897	ng/ul	100
15) Phenanthrene	17.082	178	4373	0.326	ng/ul	99
16) Anthracene	17.173	178	4025	0.313	ng/ul	99
19) Fluoranthene	19.100	202	5189	0.350	ng/ul	99
20) Pyrene	19.462	202	5252	0.350	ng/ul	99
21) Benzo(a)anthracene	21.212	228	4915	0.338	ng/ul	98
22) Chrysene	21.265	228	5195	0.345	ng/ul	99
24) Benzo(b)fluoranthene	22.764	252	5352	0.348	ng/ul	98
25) Benzo(k)fluoranthene	22.808	252	5593	0.362	ng/ul	97
26) Benzo(a)pyrene	23.321	252	4437	0.332	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.596	276	6497	0.359	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.613	278	5197	0.355	ng/ul	96
29) Benzo(g,h,i)perylene	26.260	276	5478	0.357	ng/ul	98

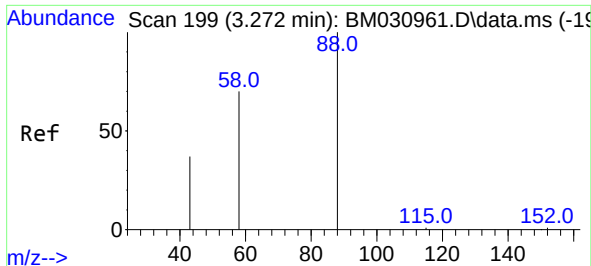
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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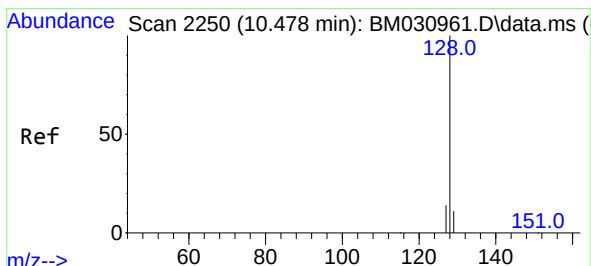
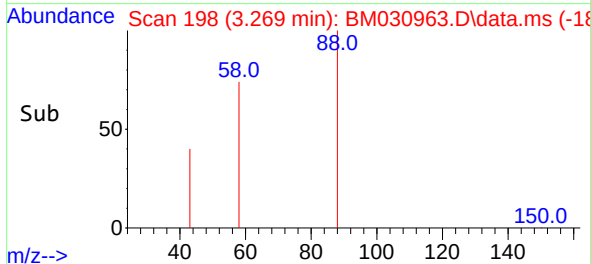
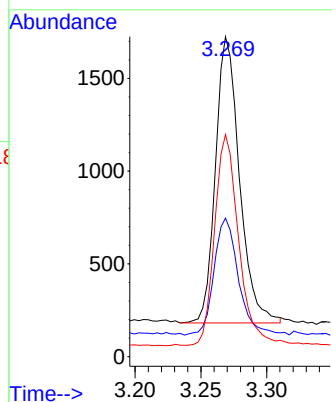
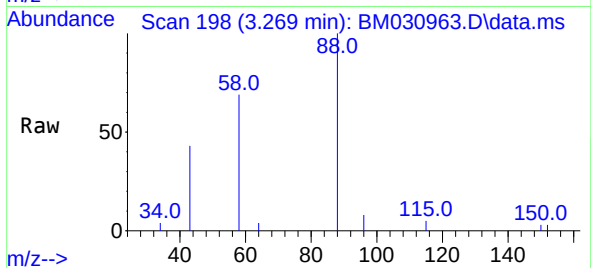




#2
1,4-Dioxane
Concen: 1.664 ng/ul
RT: 3.269 min Scan# 198
Delta R.T. -0.007 min
Lab File: BM030963.D
Acq: 14 Jul 2021 16:54

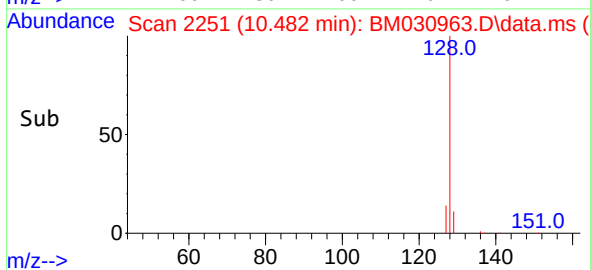
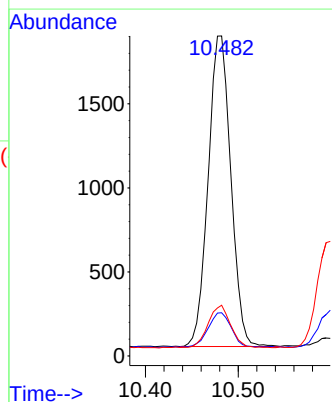
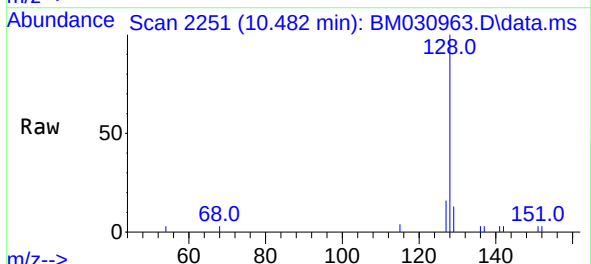
Instrument :
BNA_M
ClientSampleId :
SLCS499

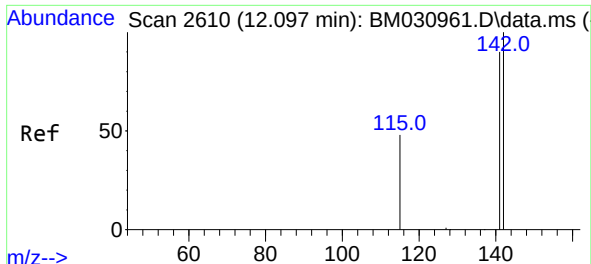
Tgt Ion: 88 Resp: 1961
Ion Ratio Lower Upper
88 100
43 43.3 48.2 72.4#
58 69.4 46.0 69.0#



#5
Naphthalene
Concen: 0.316 ng/ul
RT: 10.482 min Scan# 2251
Delta R.T. -0.009 min
Lab File: BM030963.D
Acq: 14 Jul 2021 16:54

Tgt Ion: 128 Resp: 3138
Ion Ratio Lower Upper
128 100
129 13.5 10.7 16.1
127 15.9 12.7 19.1

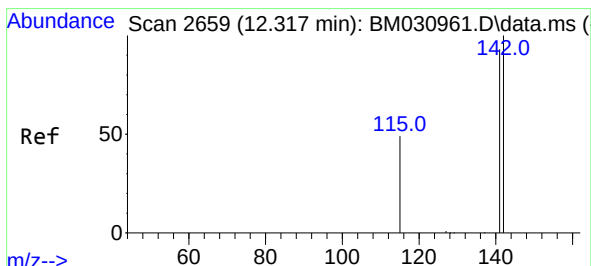
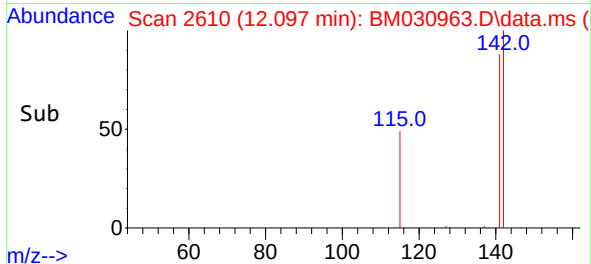
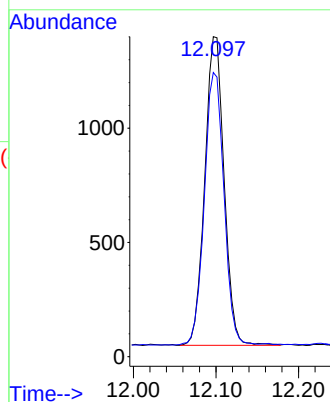
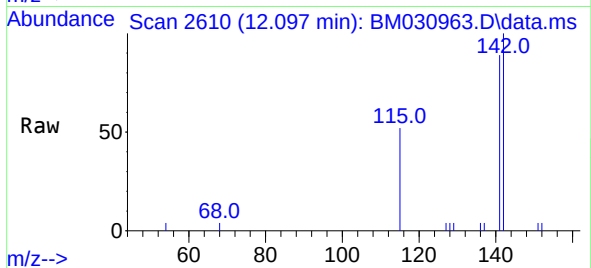




#7
2-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.097 min Scan# 2610
Delta R.T. -0.013 min
Lab File: BM030963.D
Acq: 14 Jul 2021 16:54

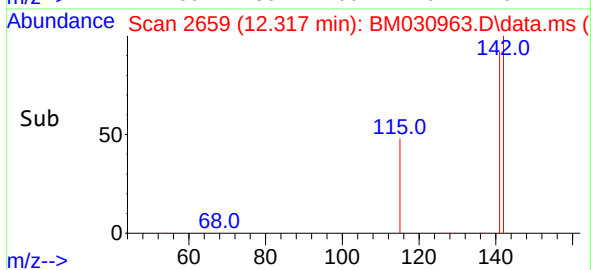
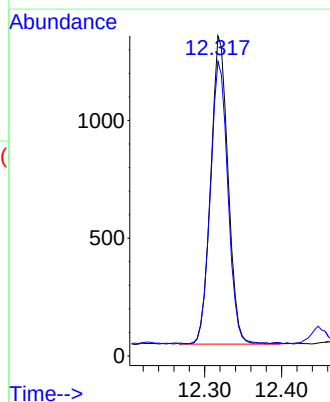
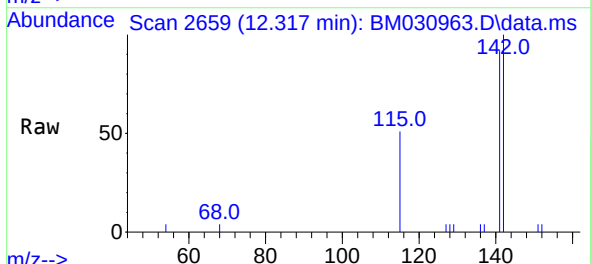
Instrument :
BNA_M
ClientSampled :
SLCS499

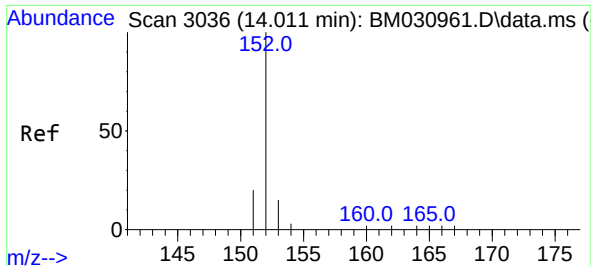
Tgt Ion:142 Resp: 2200
Ion Ratio Lower Upper
142 100
141 89.3 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.299 ng/ul
RT: 12.317 min Scan# 2659
Delta R.T. -0.013 min
Lab File: BM030963.D
Acq: 14 Jul 2021 16:54

Tgt Ion:142 Resp: 2052
Ion Ratio Lower Upper
142 100
141 92.6 73.8 110.8

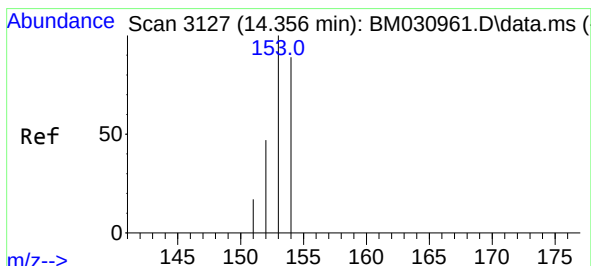
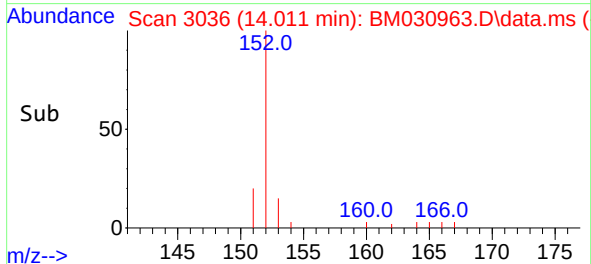
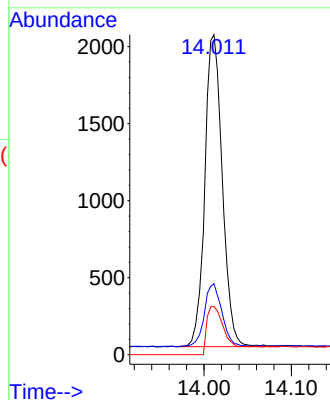
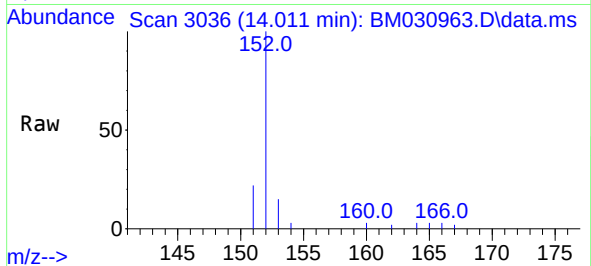




#10
Acenaphthylene
Concen: 0.283 ng/ul
RT: 14.011 min Scan# 3036
Delta R.T. -0.007 min
Lab File: BM030963.D
Acq: 14 Jul 2021 16:54

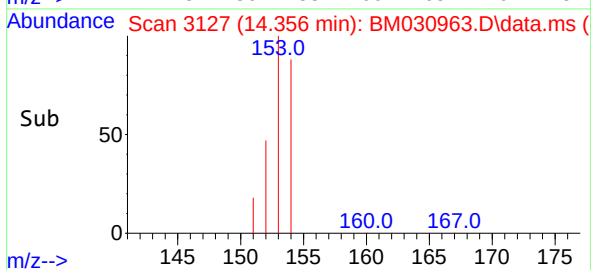
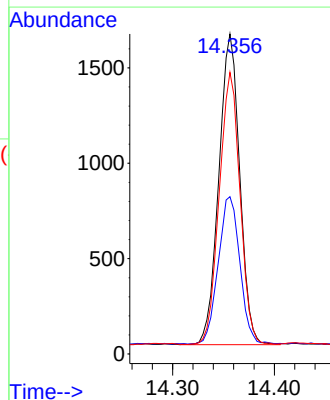
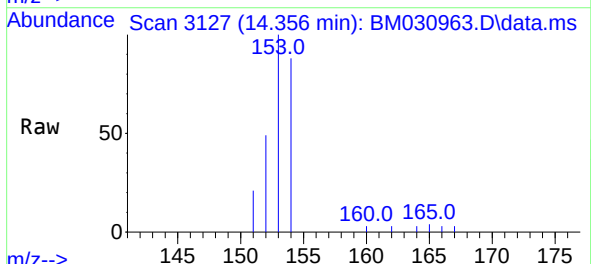
Instrument :
BNA_M
ClientSampleId :
SLCS499

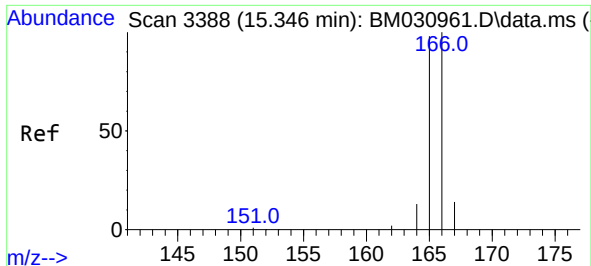
Tgt Ion:152	Resp:	2854
Ion Ratio	Lower	Upper
152	100	
151	22.2	17.2 25.8
153	15.1	12.0 18.0



#11
Acenaphthene
Concen: 0.318 ng/ul
RT: 14.356 min Scan# 3127
Delta R.T. -0.007 min
Lab File: BM030963.D
Acq: 14 Jul 2021 16:54

Tgt Ion:153	Resp:	2316
Ion Ratio	Lower	Upper
153	100	
152	49.2	39.3 58.9
154	88.0	68.5 102.7



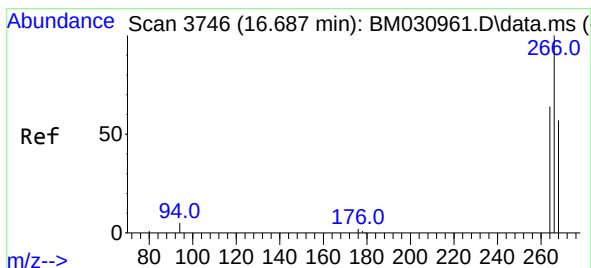
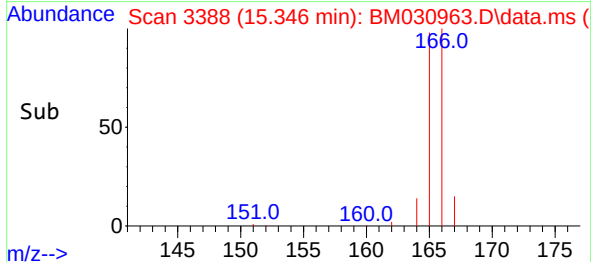
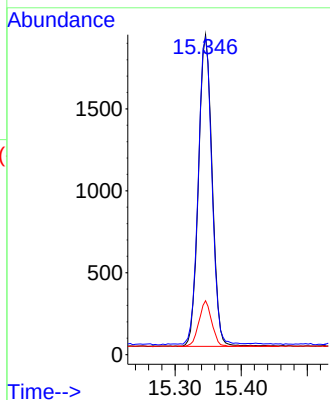
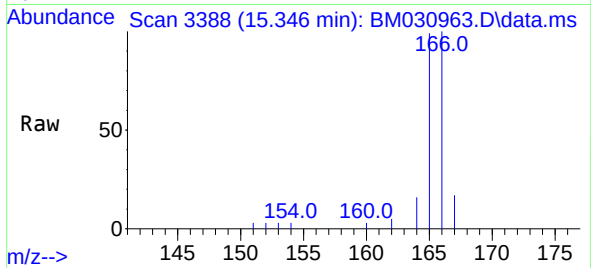


#12
Fluorene
Concen: 0.315 ng/ul
RT: 15.346 min Scan# 3388
Delta R.T. -0.007 min
Lab File: BM030963.D
Acq: 14 Jul 2021 16:54

Instrument :
BNA_M
ClientSampleId :
SLCS499

Tgt Ion:166 Resp: 2727

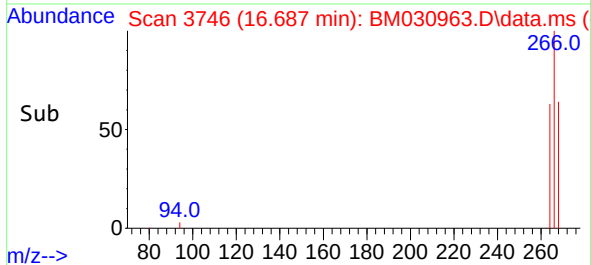
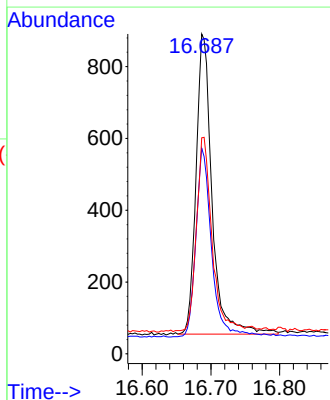
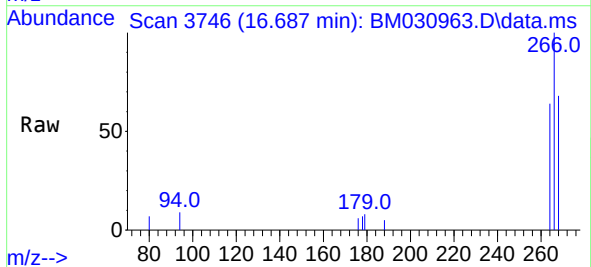
Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.7	118.1
167	16.8	12.5	18.7

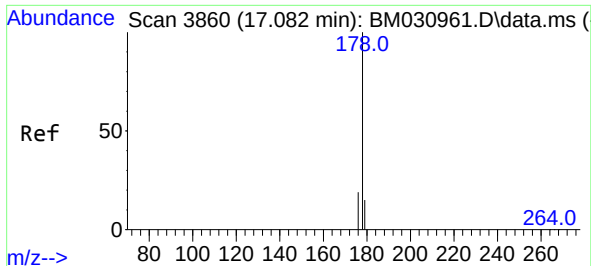


#14
Pentachlorophenol
Concen: 0.897 ng/ul
RT: 16.687 min Scan# 3746
Delta R.T. -0.017 min
Lab File: BM030963.D
Acq: 14 Jul 2021 16:54

Tgt Ion:266 Resp: 1353

Ion	Ratio	Lower	Upper
266	100		
264	61.6	49.5	74.3
268	63.0	50.4	75.6

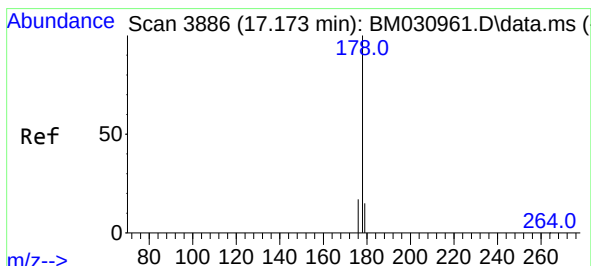
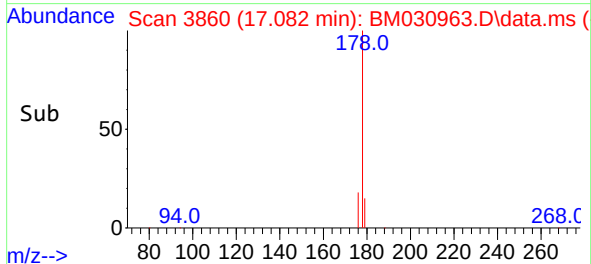
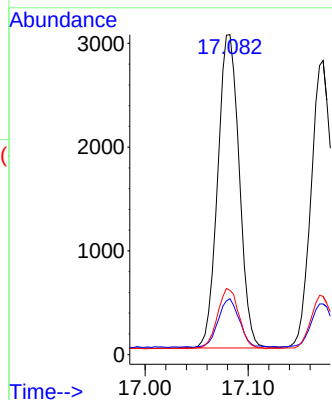
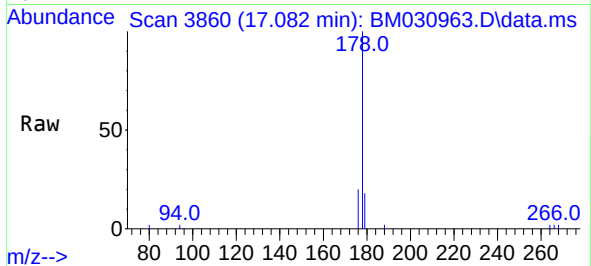




#15
Phenanthrene
Concen: 0.326 ng/ul
RT: 17.082 min Scan# 3860
Delta R.T. -0.007 min
Lab File: BM030963.D
Acq: 14 Jul 2021 16:54

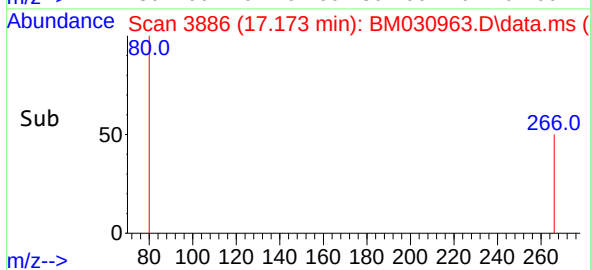
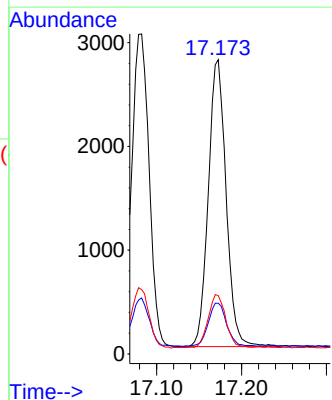
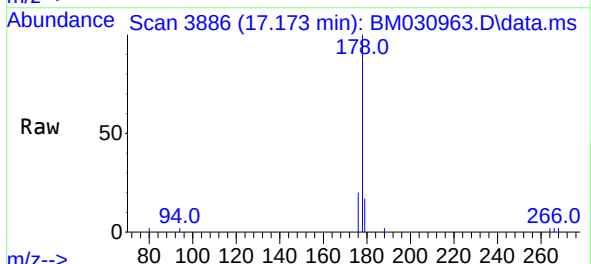
Instrument :
BNA_M
ClientSampleId :
SLCS499

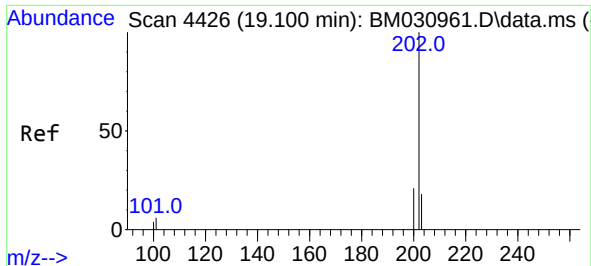
Tgt Ion:178	Resp:	4373	
Ion	Ratio	Lower	Upper
178	100		
179	17.5	13.8	20.6
176	20.1	16.4	24.6



#16
Anthracene
Concen: 0.313 ng/ul
RT: 17.173 min Scan# 3886
Delta R.T. -0.007 min
Lab File: BM030963.D
Acq: 14 Jul 2021 16:54

Tgt Ion:178	Resp:	4025	
Ion	Ratio	Lower	Upper
178	100		
179	17.2	14.5	21.7
176	19.8	16.1	24.1

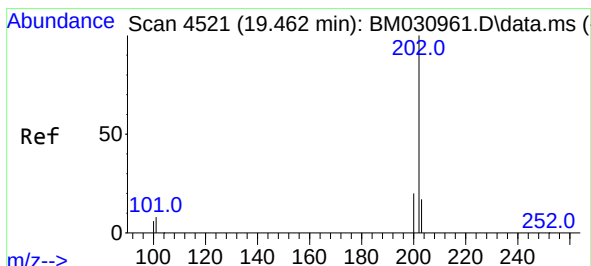
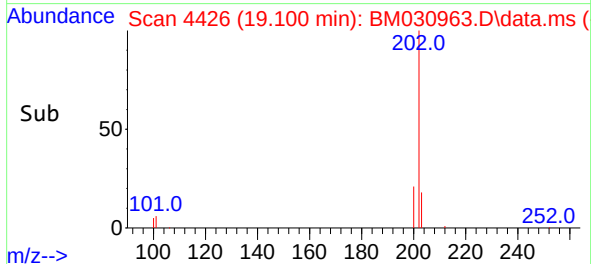
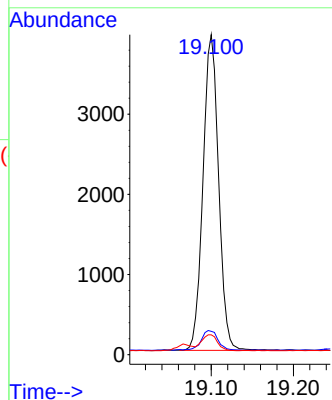
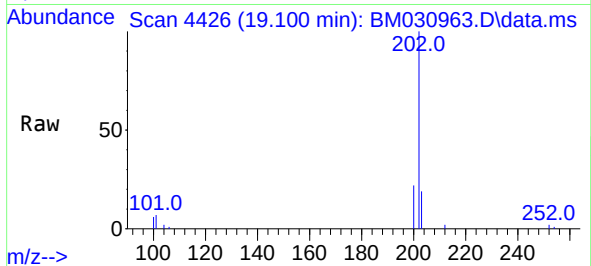




#19
Fluoranthene
Concen: 0.350 ng/ul
RT: 19.100 min Scan# 4426
Delta R.T. -0.007 min
Lab File: BM030963.D
Acq: 14 Jul 2021 16:54

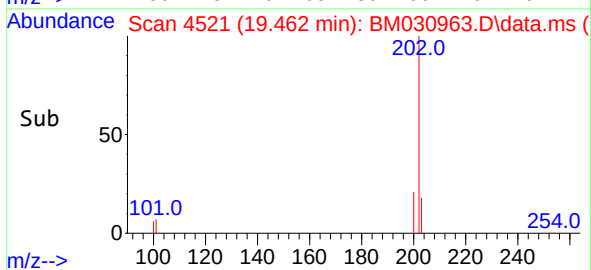
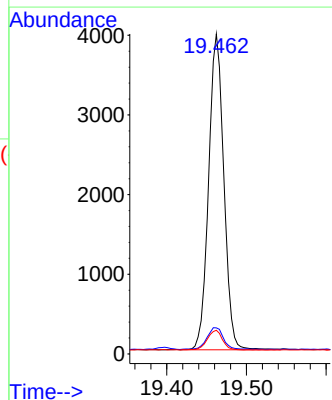
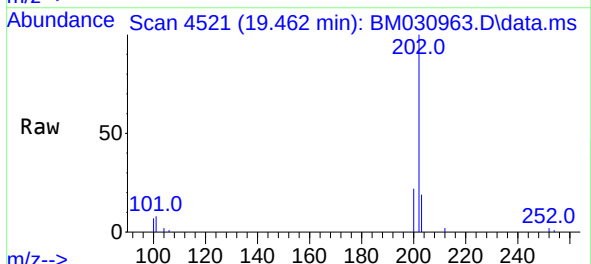
Instrument :
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ClientSampled :
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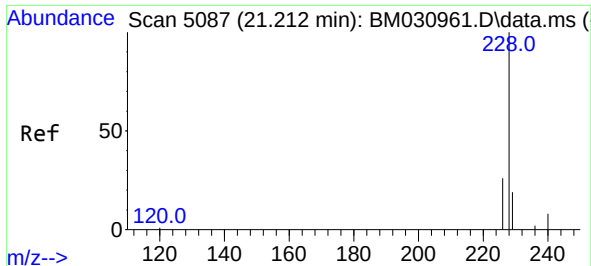
Tgt Ion:	202	Resp:	5189
Ion	Ratio	Lower	Upper
202	100		
101	7.3	6.3	9.5
100	6.2	5.0	7.6



#20
Pyrene
Concen: 0.350 ng/ul
RT: 19.462 min Scan# 4521
Delta R.T. -0.011 min
Lab File: BM030963.D
Acq: 14 Jul 2021 16:54

Tgt Ion:	202	Resp:	5252
Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.6	10.0
100	7.4	5.6	8.4

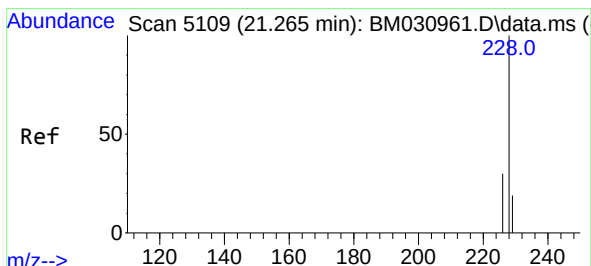
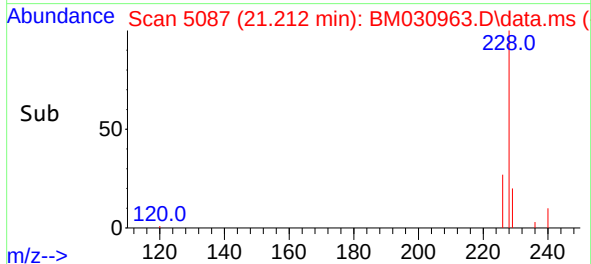
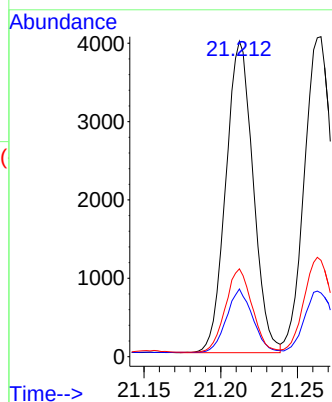
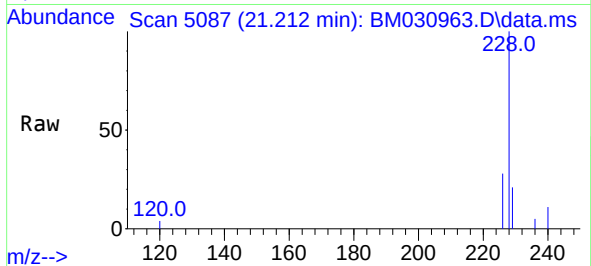




#21
Benzo(a)anthracene
Concen: 0.338 ng/ul
RT: 21.212 min Scan# 5087
Delta R.T. -0.009 min
Lab File: BM030963.D
Acq: 14 Jul 2021 16:54

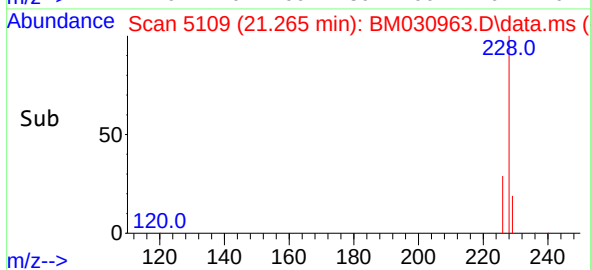
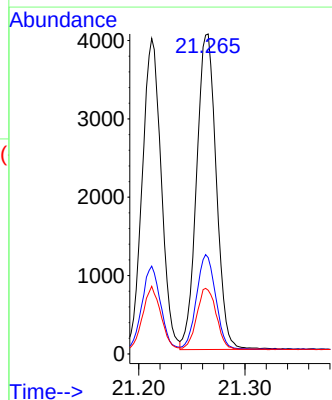
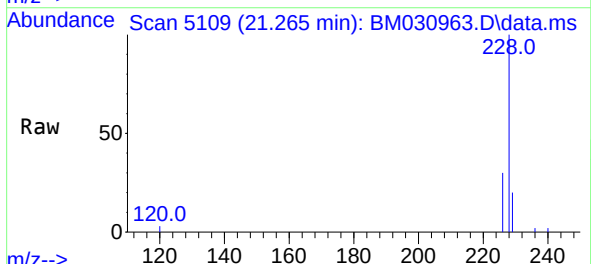
Instrument :
BNA_M
ClientSampleId :
SLCS499

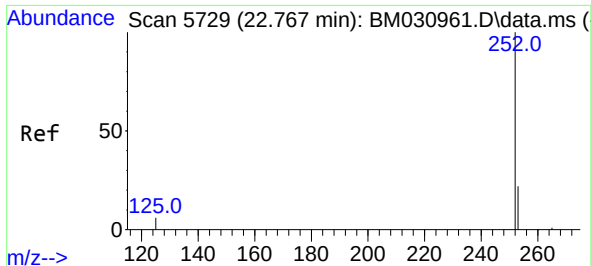
Tgt Ion:228	Resp:	4915
Ion Ratio	Lower	Upper
228	100	
229	21.4	16.1 24.1
226	27.8	21.8 32.8



#22
Chrysene
Concen: 0.345 ng/ul
RT: 21.265 min Scan# 5109
Delta R.T. -0.007 min
Lab File: BM030963.D
Acq: 14 Jul 2021 16:54

Tgt Ion:228	Resp:	5195
Ion Ratio	Lower	Upper
228	100	
226	30.1	24.5 36.7
229	19.9	16.4 24.6

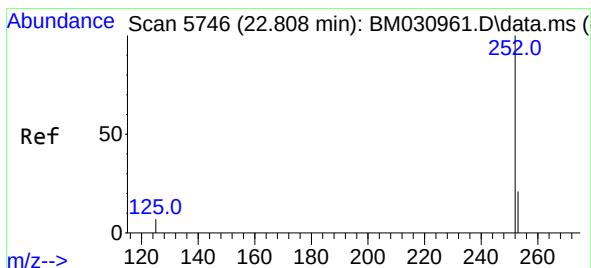
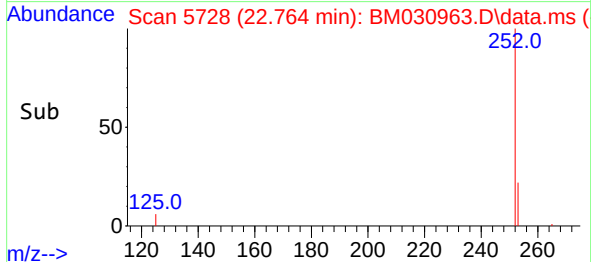
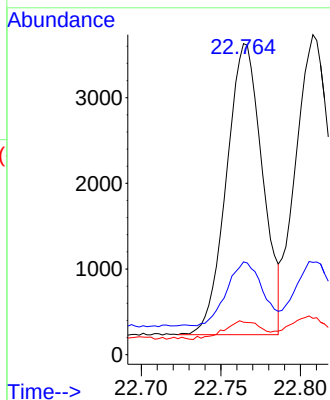
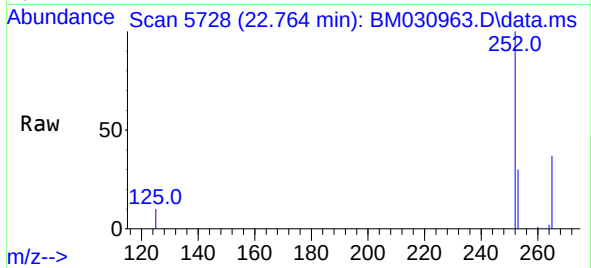




#24
Benzo(b)fluoranthene
Concen: 0.348 ng/ul
RT: 22.764 min Scan# 5728
Delta R.T. -0.012 min
Lab File: BM030963.D
Acq: 14 Jul 2021 16:54

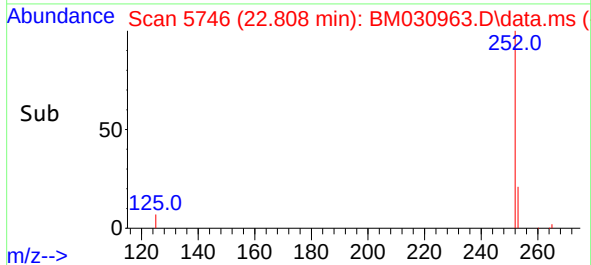
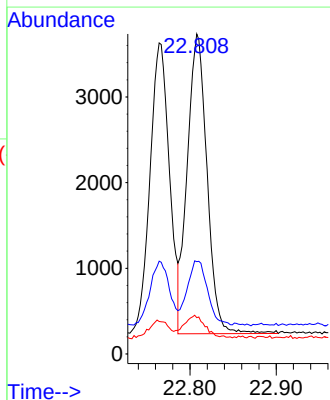
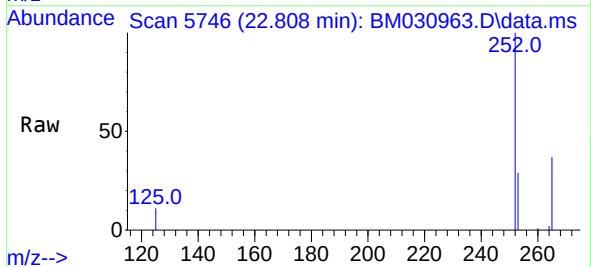
Instrument :
BNA_M
ClientSampleId :
SLCS499

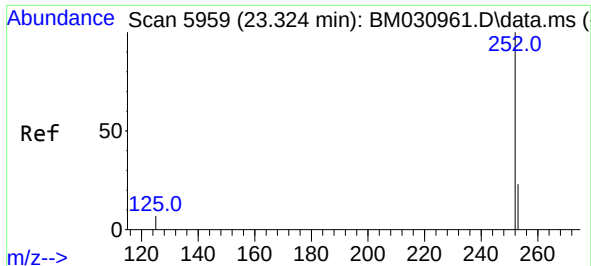
Tgt Ion:252	Resp:	5352
Ion Ratio	Lower	Upper
252	100	
253	29.9	0.0 62.0
125	10.5	0.0 23.2



#25
Benzo(k)fluoranthene
Concen: 0.362 ng/ul
RT: 22.808 min Scan# 5746
Delta R.T. -0.012 min
Lab File: BM030963.D
Acq: 14 Jul 2021 16:54

Tgt Ion:252	Resp:	5593
Ion Ratio	Lower	Upper
252	100	
253	28.9	24.3 36.5
125	11.4	9.8 14.8

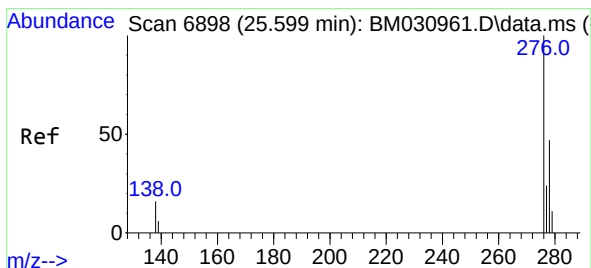
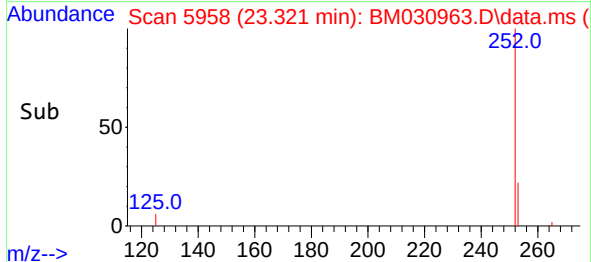
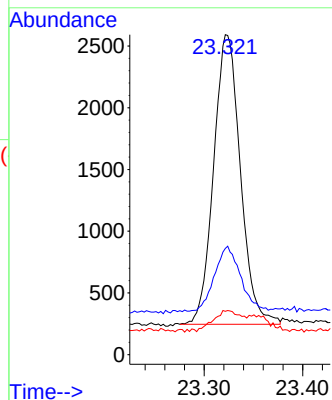
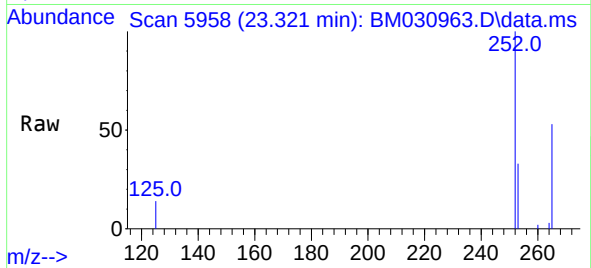




#26
Benzo(a)pyrene
Concen: 0.332 ng/ul
RT: 23.321 min Scan# 5958
Delta R.T. -0.014 min
Lab File: BM030963.D
Acq: 14 Jul 2021 16:54

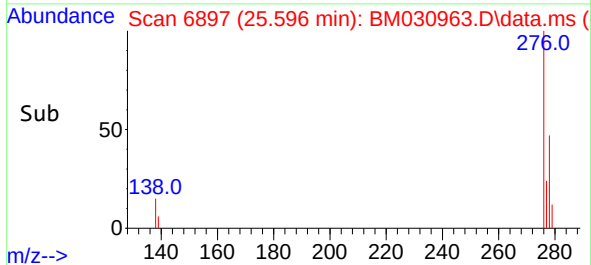
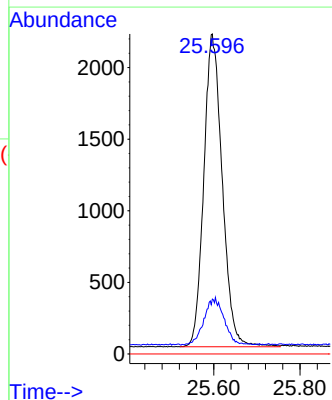
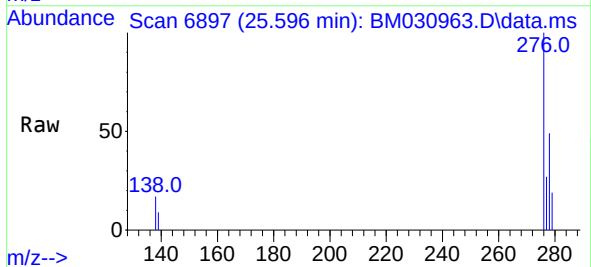
Instrument :
BNA_M
ClientSampled :
SLCS499

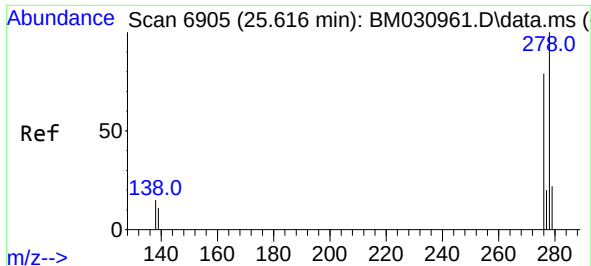
Tgt Ion:	252	Resp:	4437
Ion Ratio	Lower	Upper	
252	100		
253	33.2	26.5	39.7
125	13.5	11.0	16.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.359 ng/ul
RT: 25.596 min Scan# 6897
Delta R.T. -0.024 min
Lab File: BM030963.D
Acq: 14 Jul 2021 16:54

Tgt Ion:	276	Resp:	6497
Ion Ratio	Lower	Upper	
276	100		
138	16.5	13.0	19.6
227	0.0	0.0	0.0



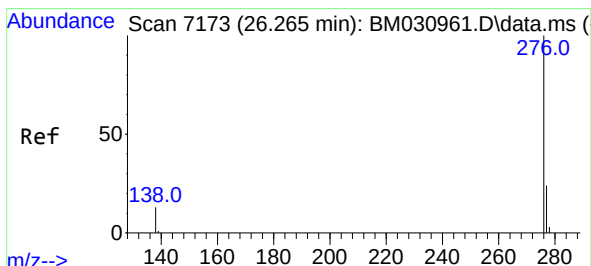
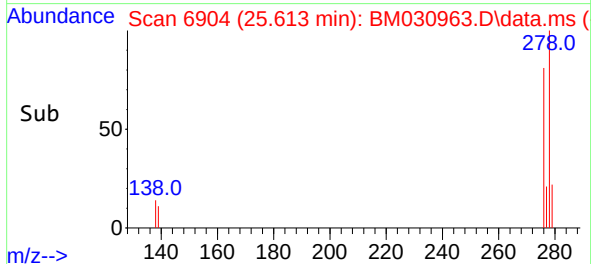
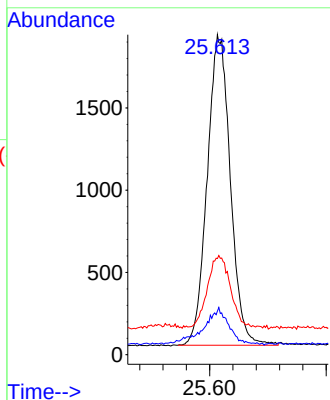
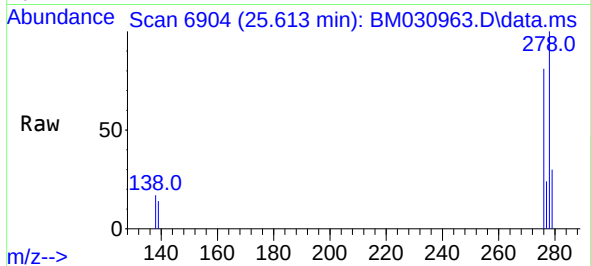


#28
Dibenzo(a,h)anthracene
Concen: 0.355 ng/ul
RT: 25.613 min Scan# 6904
Delta R.T. -0.024 min
Lab File: BM030963.D
Acq: 14 Jul 2021 16:54

Instrument :
BNA_M
ClientSampleId :
SLCS499

Tgt Ion:278 Resp: 5197

Ion	Ratio	Lower	Upper
278	100		
139	13.6	11.4	17.0
279	30.1	26.2	39.2



#29
Benzo(g,h,i)perylene
Concen: 0.357 ng/ul
RT: 26.260 min Scan# 7171
Delta R.T. -0.022 min
Lab File: BM030963.D
Acq: 14 Jul 2021 16:54

Tgt Ion:276 Resp: 5478

Ion	Ratio	Lower	Upper
276	100		
138	16.1	12.3	18.5
277	25.8	21.3	31.9

