

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071321\
 Data File : BM030965.D
 Acq On : 14 Jul 2021 18:09
 Operator : CG/JU
 Sample : PB137577BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS577

Quant Time: Jul 14 18:39:27 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)

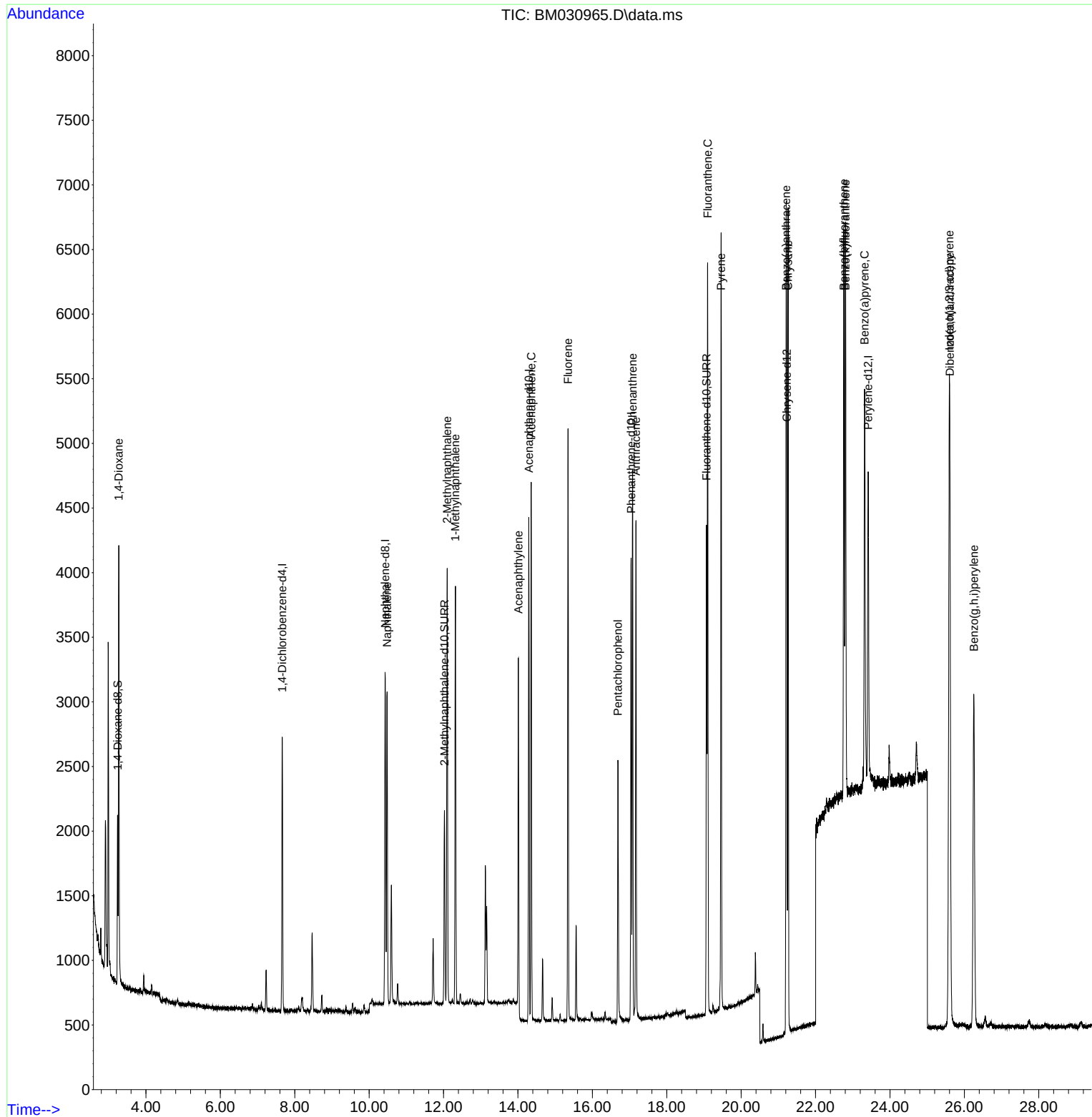
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	1043	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.428	136	3469	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.292	164	2151	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.041	188	4354	0.400	ng/ul	-0.01
17) Chrysene-d12	21.227	240	3390	0.400	ng/ul	0.00
23) Perylene-d12	23.416	264	3220	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.237	96	750	0.699	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.025	152	1950	0.323	ng/ul	0.00
18) Fluoranthene-d10	19.069	212	4333	0.380	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	2008	1.678	ng/ul#	80
5) Naphthalene	10.482	128	3283	0.317	ng/ul	98
7) 2-Methylnaphthalene	12.097	142	2274	0.311	ng/ul	100
8) 1-Methylnaphthalene	12.317	142	2092	0.293	ng/ul	99
10) Acenaphthylene	14.011	152	2924	0.277	ng/ul	99
11) Acenaphthene	14.356	153	2378	0.313	ng/ul	98
12) Fluorene	15.346	166	2770	0.306	ng/ul	99
14) Pentachlorophenol	16.687	266	1380	0.897	ng/ul	100
15) Phenanthrene	17.079	178	4469	0.327	ng/ul	99
16) Anthracene	17.172	178	4114	0.314	ng/ul	100
19) Fluoranthene	19.100	202	5276	0.353	ng/ul	99
20) Pyrene	19.462	202	5347	0.354	ng/ul	99
21) Benzo(a)anthracene	21.210	228	4892	0.334	ng/ul	99
22) Chrysene	21.260	228	5213	0.344	ng/ul	99
24) Benzo(b)fluoranthene	22.759	252	5466	0.351	ng/ul	98
25) Benzo(k)fluoranthene	22.803	252	5553	0.355	ng/ul	99
26) Benzo(a)pyrene	23.319	252	4495	0.332	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.594	276	6539	0.356	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.608	278	5198	0.350	ng/ul	98
29) Benzo(g,h,i)perylene	26.255	276	5465	0.351	ng/ul	99

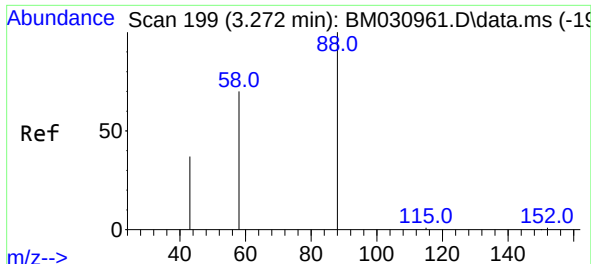
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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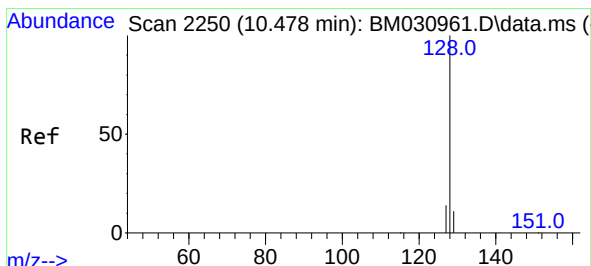
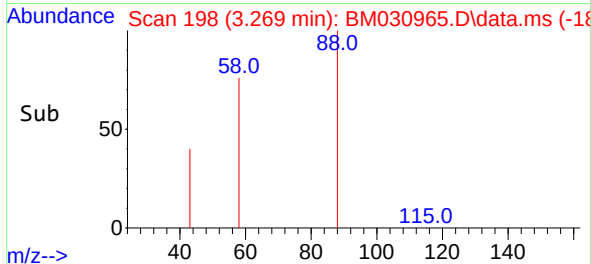
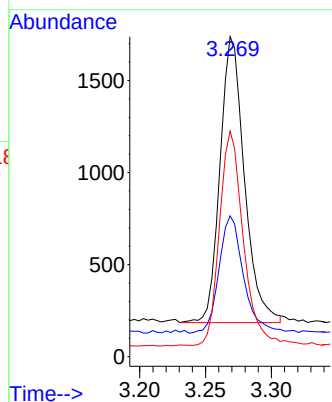
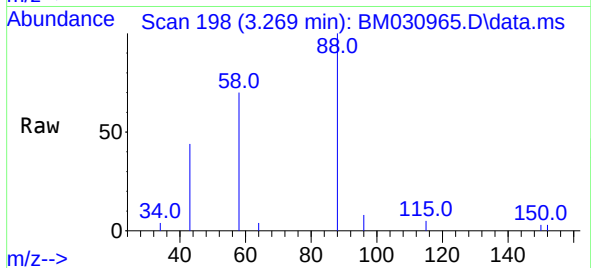




#2
1,4-Dioxane
Concen: 1.678 ng/ul
RT: 3.269 min Scan# 198
Delta R.T. -0.007 min
Lab File: BM030965.D
Acq: 14 Jul 2021 18:09

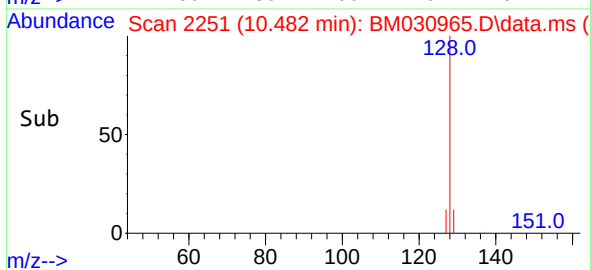
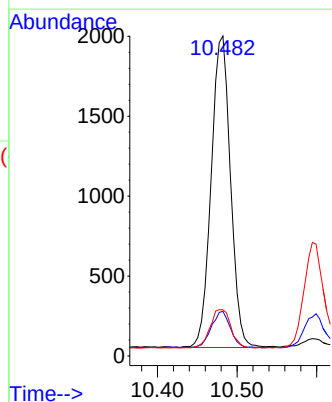
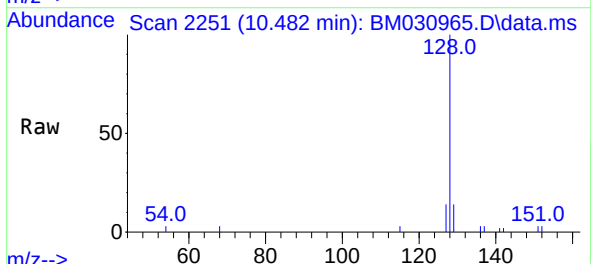
Instrument :
BNA_M
ClientSampleId :
SLCS577

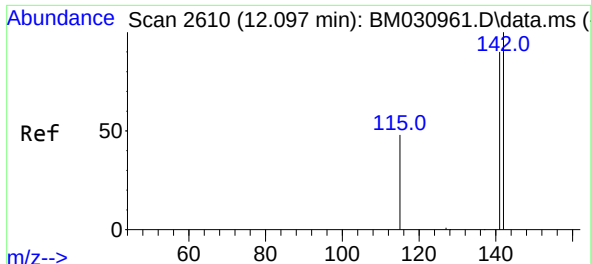
Tgt Ion: 88 Resp: 2008
Ion Ratio Lower Upper
88 100
43 44.0 48.2 72.4#
58 70.5 46.0 69.0#



#5
Naphthalene
Concen: 0.317 ng/ul
RT: 10.482 min Scan# 2251
Delta R.T. -0.009 min
Lab File: BM030965.D
Acq: 14 Jul 2021 18:09

Tgt Ion: 128 Resp: 3283
Ion Ratio Lower Upper
128 100
129 13.9 10.7 16.1
127 14.4 12.7 19.1

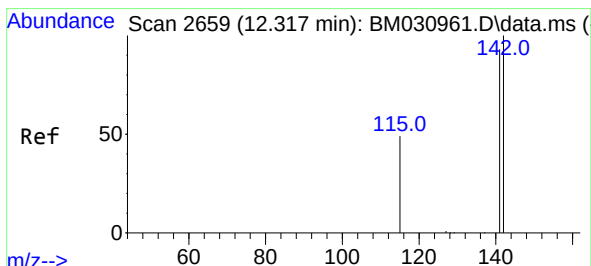
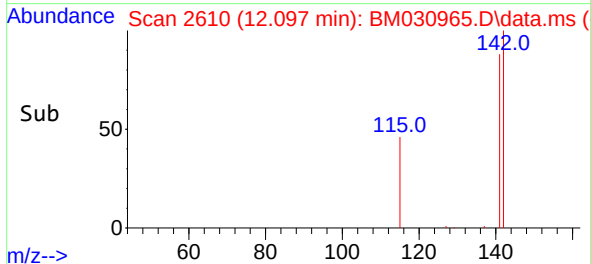
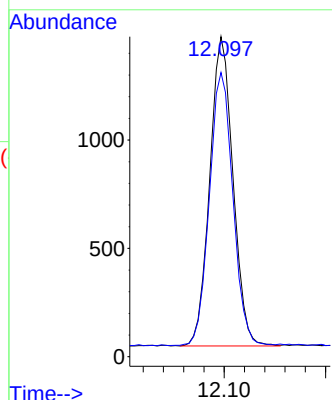
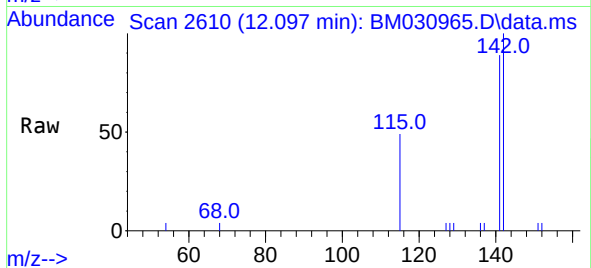




#7
2-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.097 min Scan# 2610
Delta R.T. -0.013 min
Lab File: BM030965.D
Acq: 14 Jul 2021 18:09

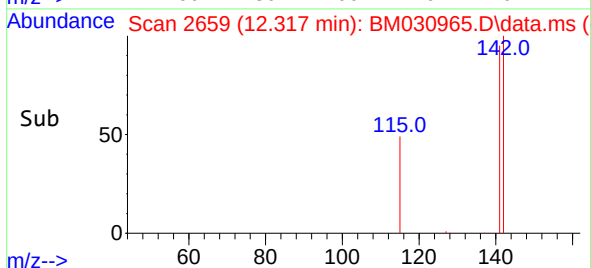
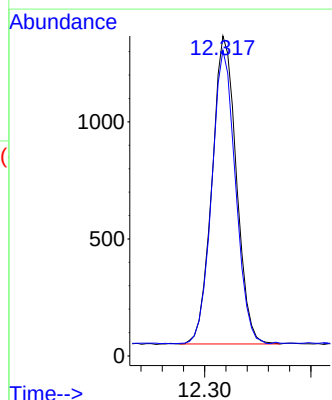
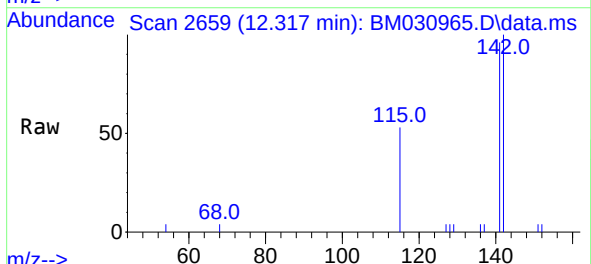
Instrument :
BNA_M
ClientSampled :
SLCS577

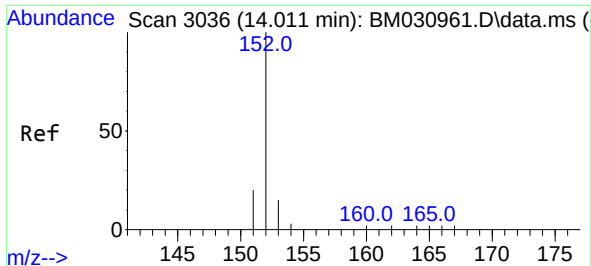
Tgt Ion:142 Resp: 2274
Ion Ratio Lower Upper
142 100
141 89.4 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.293 ng/ul
RT: 12.317 min Scan# 2659
Delta R.T. -0.013 min
Lab File: BM030965.D
Acq: 14 Jul 2021 18:09

Tgt Ion:142 Resp: 2092
Ion Ratio Lower Upper
142 100
141 93.0 73.8 110.8

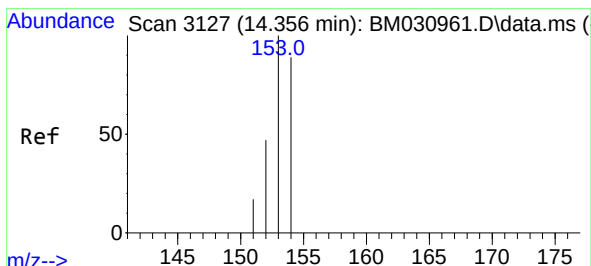
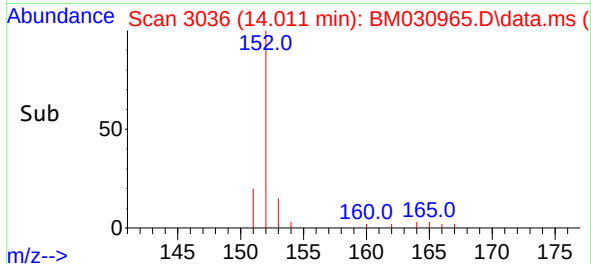
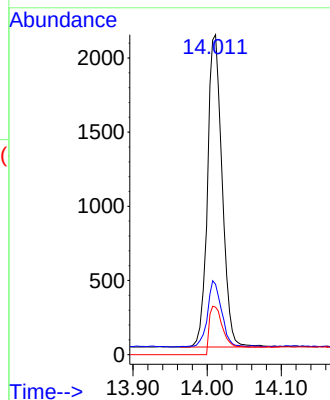
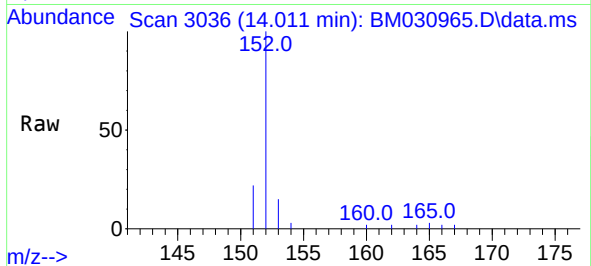




#10
Acenaphthylene
Concen: 0.277 ng/ul
RT: 14.011 min Scan# 3036
Delta R.T. -0.007 min
Lab File: BM030965.D
Acq: 14 Jul 2021 18:09

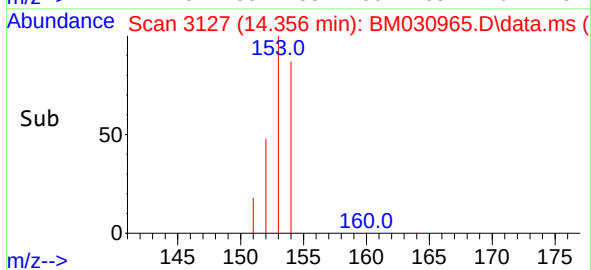
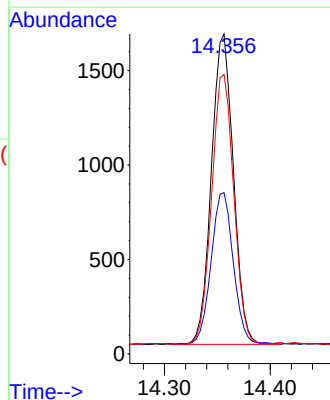
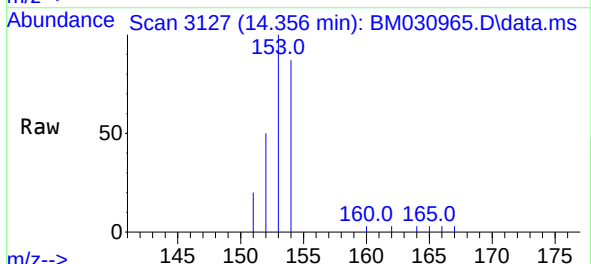
Instrument :
BNA_M
ClientSampleId :
SLCS577

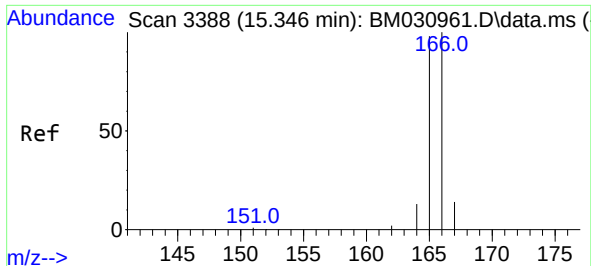
Tgt Ion:	152	Resp:	2924
Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.2	25.8
153	14.8	12.0	18.0



#11
Acenaphthene
Concen: 0.313 ng/ul
RT: 14.356 min Scan# 3127
Delta R.T. -0.007 min
Lab File: BM030965.D
Acq: 14 Jul 2021 18:09

Tgt Ion:	153	Resp:	2378
Ion	Ratio	Lower	Upper
153	100		
152	50.4	39.3	58.9
154	87.4	68.5	102.7



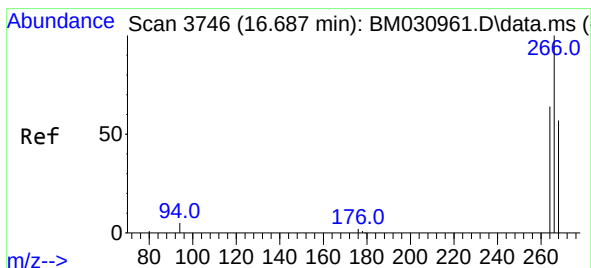
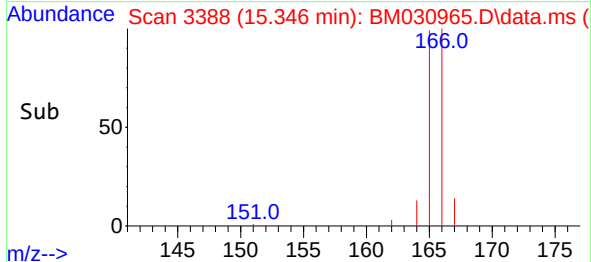
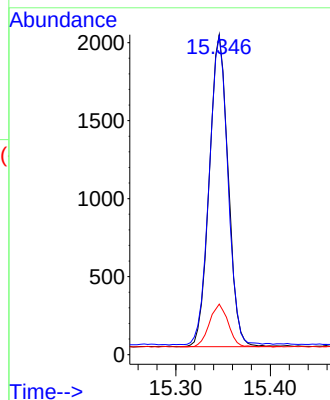
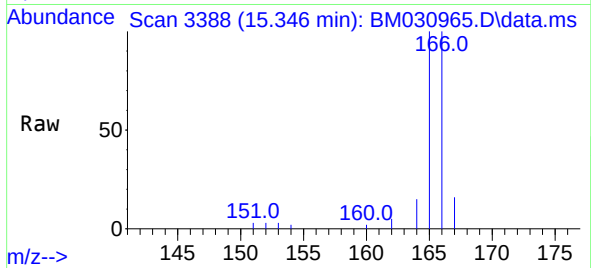


#12
Fluorene
Concen: 0.306 ng/ul
RT: 15.346 min Scan# 3388
Delta R.T. -0.007 min
Lab File: BM030965.D
Acq: 14 Jul 2021 18:09

Instrument :
BNA_M
ClientSampleId :
SLCS577

Tgt Ion:166 Resp: 2770

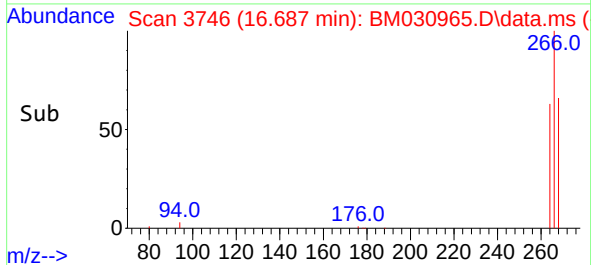
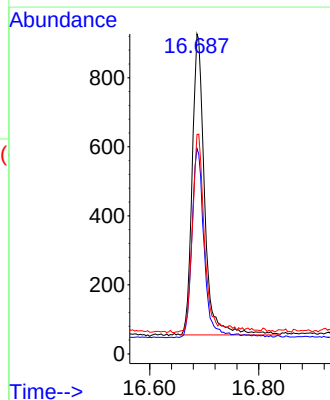
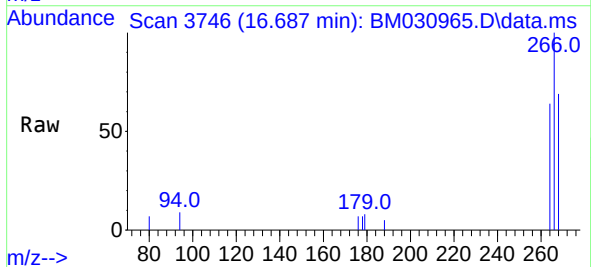
Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.7	118.1
167	15.8	12.5	18.7

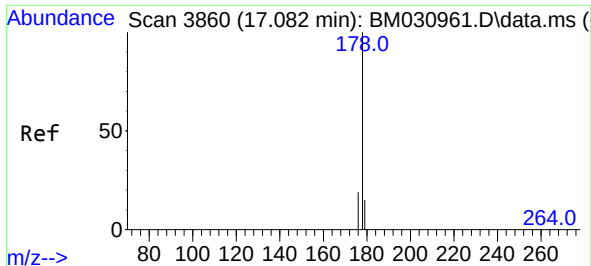


#14
Pentachlorophenol
Concen: 0.897 ng/ul
RT: 16.687 min Scan# 3746
Delta R.T. -0.017 min
Lab File: BM030965.D
Acq: 14 Jul 2021 18:09

Tgt Ion:266 Resp: 1380

Ion	Ratio	Lower	Upper
266	100		
264	61.4	49.5	74.3
268	63.1	50.4	75.6

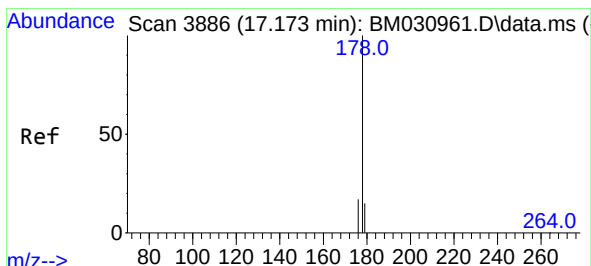
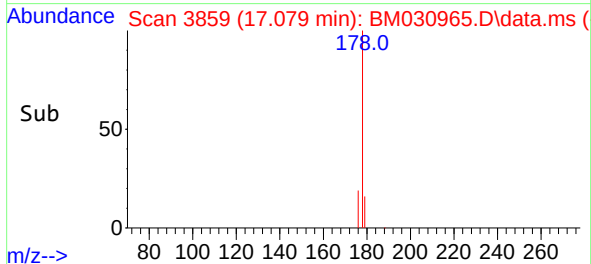
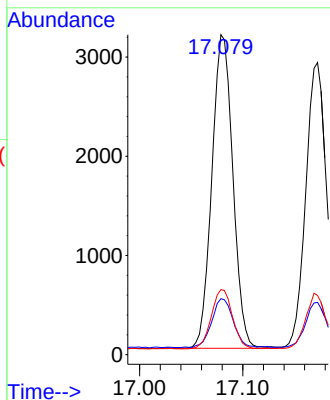
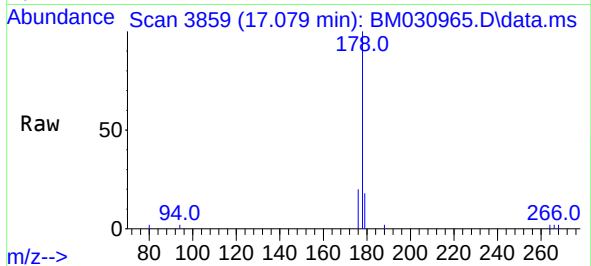




#15
Phenanthrene
Concen: 0.327 ng/ul
RT: 17.079 min Scan# 3859
Delta R.T. -0.010 min
Lab File: BM030965.D
Acq: 14 Jul 2021 18:09

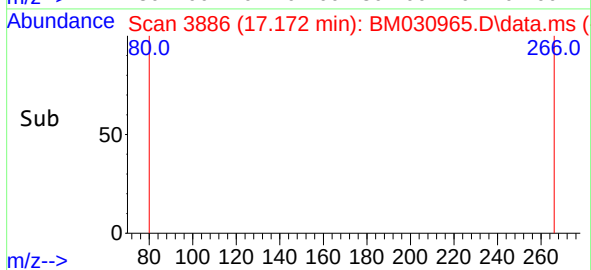
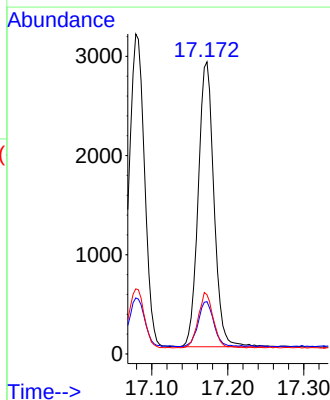
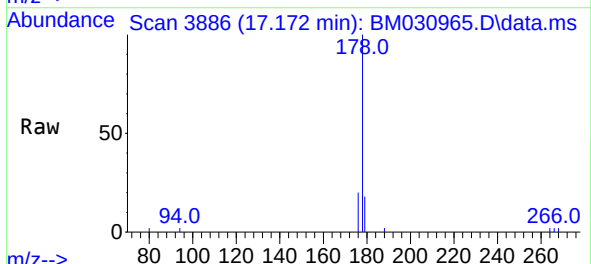
Instrument :
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ClientSampled :
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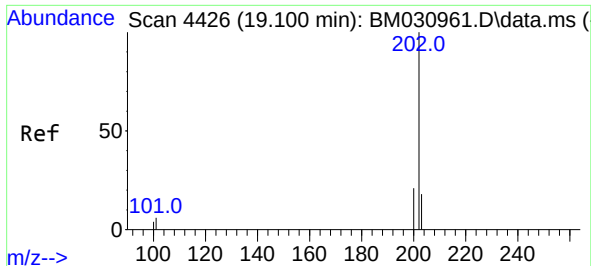
Tgt Ion:	178	Resp:	4469
Ion	Ratio	Lower	Upper
178	100		
179	17.5	13.8	20.6
176	20.3	16.4	24.6



#16
Anthracene
Concen: 0.314 ng/ul
RT: 17.172 min Scan# 3886
Delta R.T. -0.007 min
Lab File: BM030965.D
Acq: 14 Jul 2021 18:09

Tgt Ion:	178	Resp:	4114
Ion	Ratio	Lower	Upper
178	100		
179	17.9	14.5	21.7
176	20.2	16.1	24.1

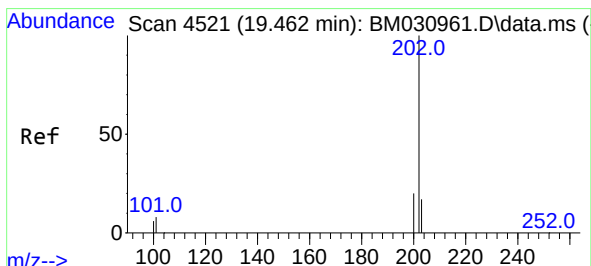
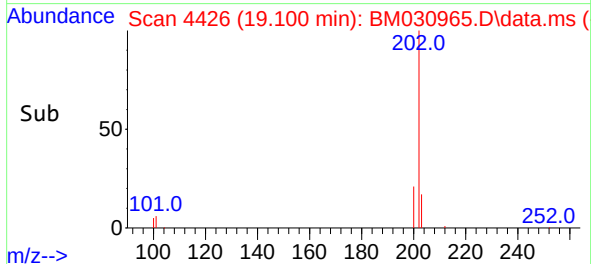
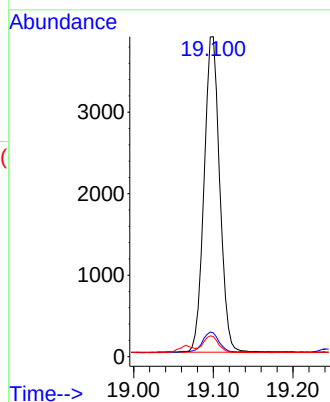
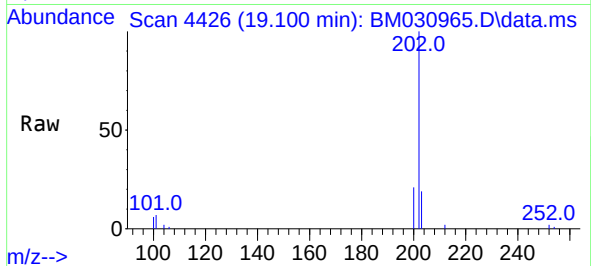




#19
Fluoranthene
Concen: 0.353 ng/ul
RT: 19.100 min Scan# 4426
Delta R.T. -0.007 min
Lab File: BM030965.D
Acq: 14 Jul 2021 18:09

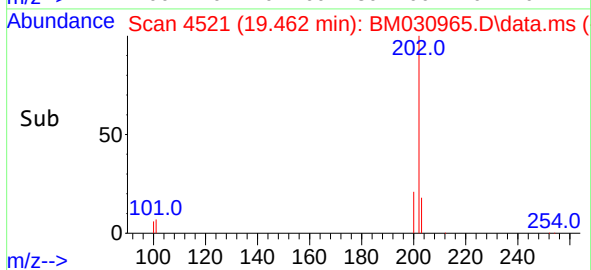
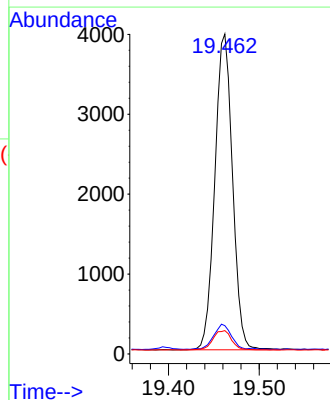
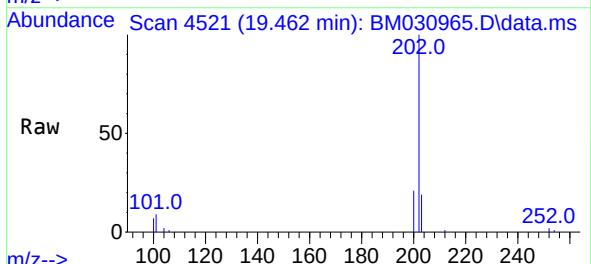
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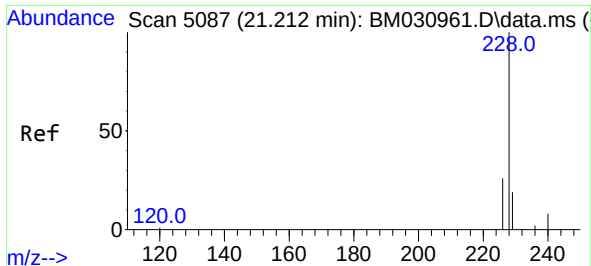
Tgt Ion:	202	Resp:	5276
Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.3	9.5
100	6.3	5.0	7.6



#20
Pyrene
Concen: 0.354 ng/ul
RT: 19.462 min Scan# 4521
Delta R.T. -0.011 min
Lab File: BM030965.D
Acq: 14 Jul 2021 18:09

Tgt Ion:	202	Resp:	5347
Ion	Ratio	Lower	Upper
202	100		
101	8.8	6.6	10.0
100	7.3	5.6	8.4

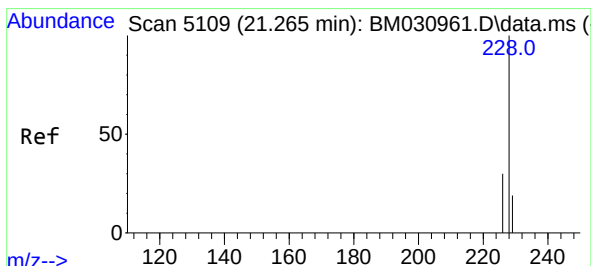
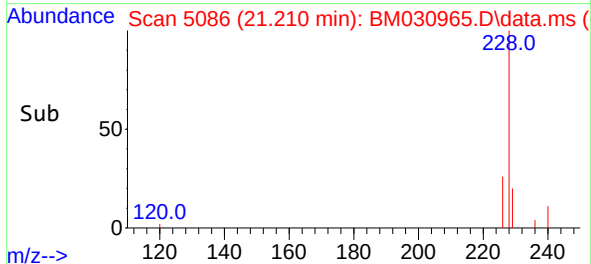
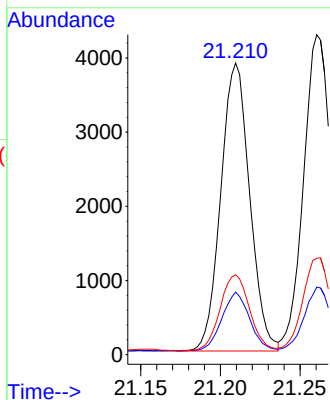
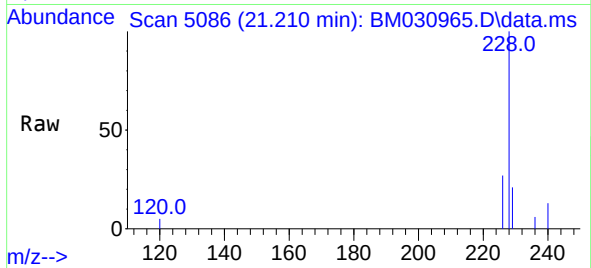




#21
Benzo(a)anthracene
Concen: 0.334 ng/ul
RT: 21.210 min Scan# 5086
Delta R.T. -0.012 min
Lab File: BM030965.D
Acq: 14 Jul 2021 18:09

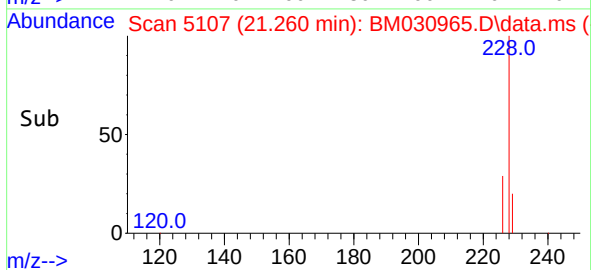
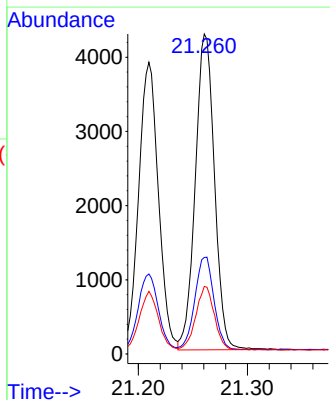
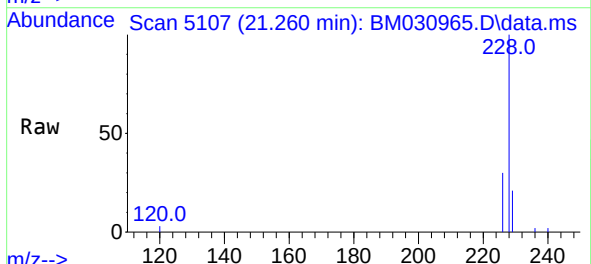
Instrument :
BNA_M
ClientSampled :
SLCS577

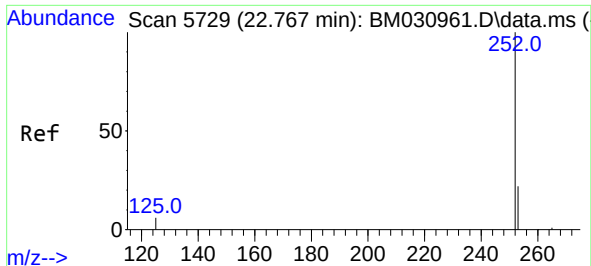
Tgt Ion:228	Resp:	4892
Ion Ratio	Lower	Upper
228	100	
229	21.4	16.1 24.1
226	27.4	21.8 32.8



#22
Chrysene
Concen: 0.344 ng/ul
RT: 21.260 min Scan# 5107
Delta R.T. -0.012 min
Lab File: BM030965.D
Acq: 14 Jul 2021 18:09

Tgt Ion:228	Resp:	5213
Ion Ratio	Lower	Upper
228	100	
226	30.1	24.5 36.7
229	21.1	16.4 24.6

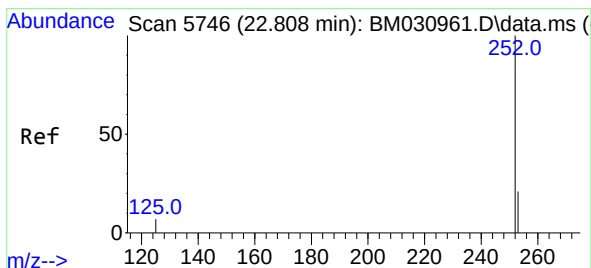
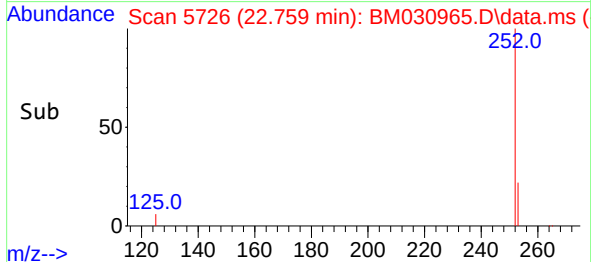
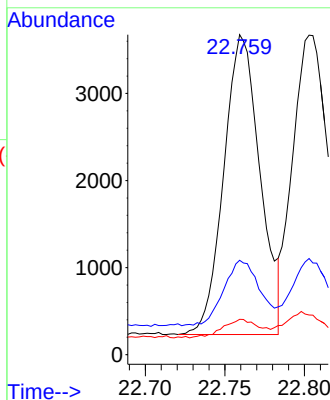
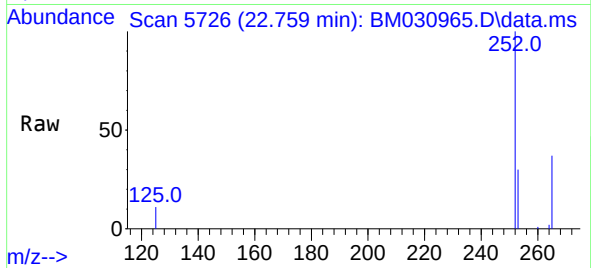




#24
Benzo(b)fluoranthene
Concen: 0.351 ng/ul
RT: 22.759 min Scan# 5726
Delta R.T. -0.017 min
Lab File: BM030965.D
Acq: 14 Jul 2021 18:09

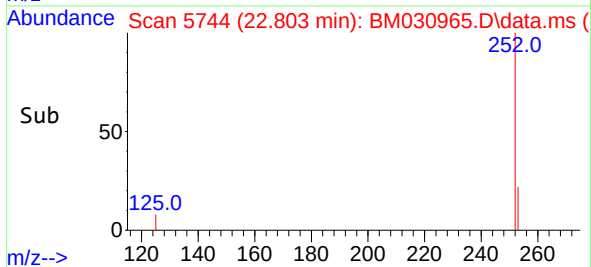
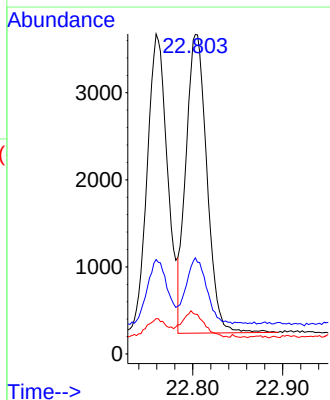
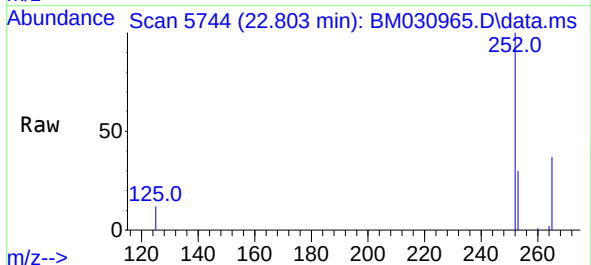
Instrument :
BNA_M
ClientSampleId :
SLCS577

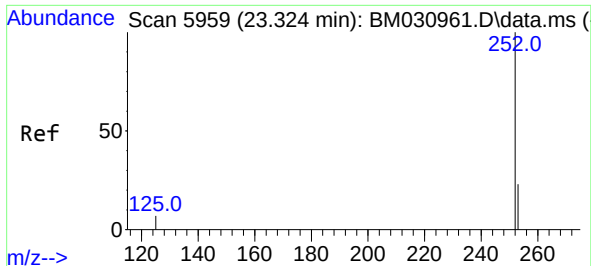
Tgt Ion:	252	Resp:	5466
Ion Ratio	Lower	Upper	
252	100		
253	29.5	0.0	62.0
125	11.0	0.0	23.2



#25
Benzo(k)fluoranthene
Concen: 0.355 ng/ul
RT: 22.803 min Scan# 5744
Delta R.T. -0.017 min
Lab File: BM030965.D
Acq: 14 Jul 2021 18:09

Tgt Ion:	252	Resp:	5553
Ion Ratio	Lower	Upper	
252	100		
253	30.1	24.3	36.5
125	12.4	9.8	14.8

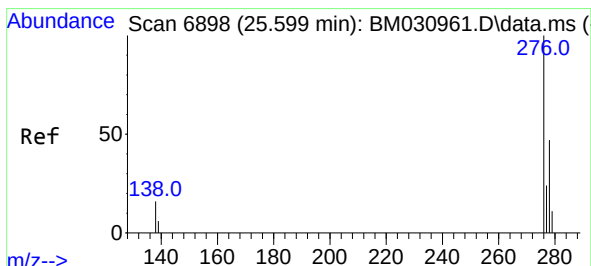
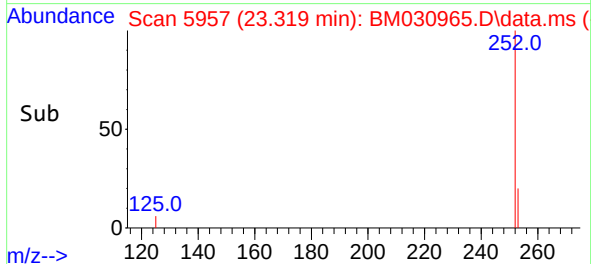
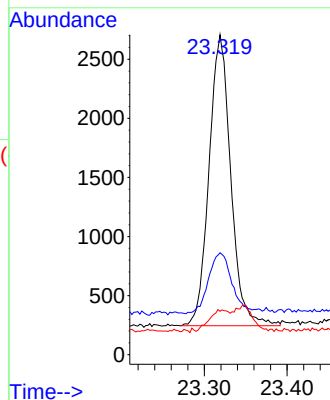
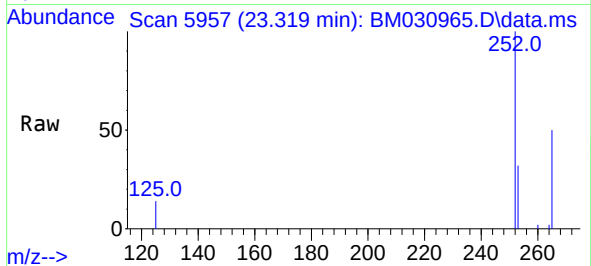




#26
Benzo(a)pyrene
Concen: 0.332 ng/ul
RT: 23.319 min Scan# 5957
Delta R.T. -0.017 min
Lab File: BM030965.D
Acq: 14 Jul 2021 18:09

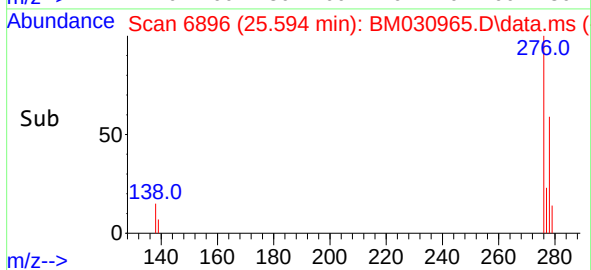
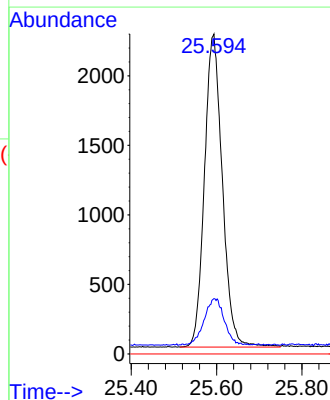
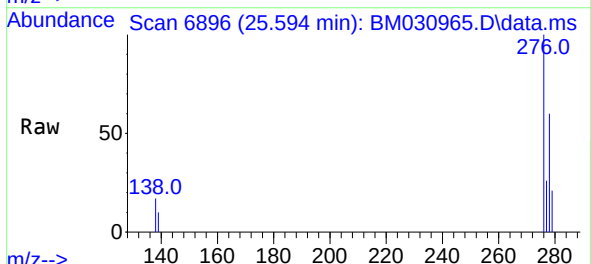
Instrument :
BNA_M
ClientSampled :
SLCS577

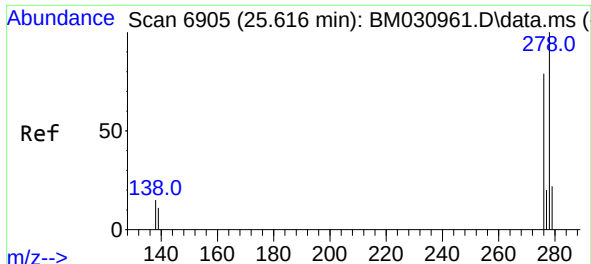
Tgt Ion:252	Resp:	4495
Ion Ratio	Lower	Upper
252	100	
253	31.9	26.5 39.7
125	13.6	11.0 16.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.356 ng/ul
RT: 25.594 min Scan# 6896
Delta R.T. -0.026 min
Lab File: BM030965.D
Acq: 14 Jul 2021 18:09

Tgt Ion:276	Resp:	6539
Ion Ratio	Lower	Upper
276	100	
138	16.3	13.0 19.6
227	0.0	0.0 0.0

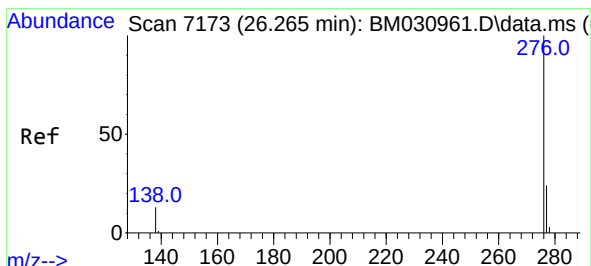
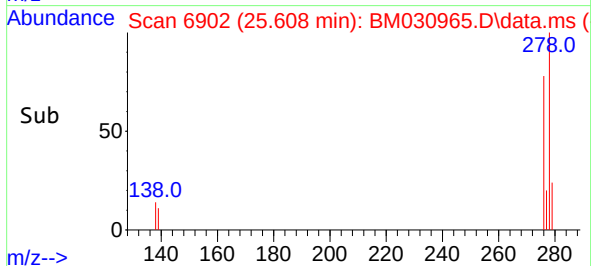
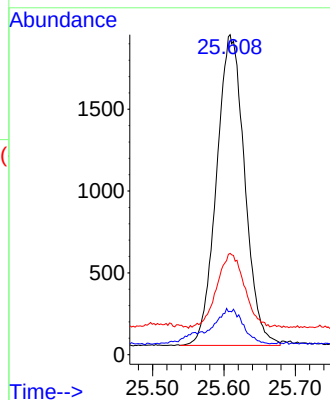
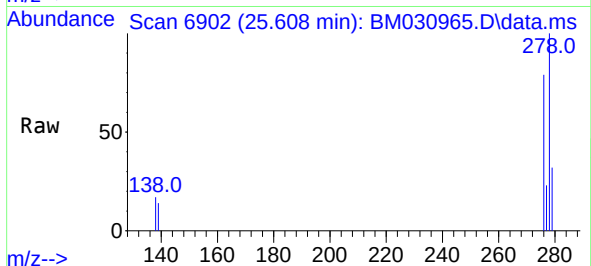




#28
Dibenzo(a,h)anthracene
Concen: 0.350 ng/ul
RT: 25.608 min Scan# 6902
Delta R.T. -0.029 min
Lab File: BM030965.D
Acq: 14 Jul 2021 18:09

Instrument :
BNA_M
ClientSampleId :
SLCS577

Tgt Ion:	278	Resp:	5198
Ion Ratio	Lower	Upper	
278	100		
139	13.5	11.4	17.0
279	31.6	26.2	39.2



#29
Benzo(g,h,i)perylene
Concen: 0.351 ng/ul
RT: 26.255 min Scan# 7169
Delta R.T. -0.026 min
Lab File: BM030965.D
Acq: 14 Jul 2021 18:09

Tgt Ion:	276	Resp:	5465
Ion Ratio	Lower	Upper	
276	100		
138	16.1	12.3	18.5
277	25.9	21.3	31.9

