

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071521\
 Data File : BM030980.D
 Acq On : 15 Jul 2021 14:26
 Operator : CG/JU
 Sample : PB137577BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS577

Quant Time: Jul 15 15:01:36 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 : Thu Jul 15 13:02:53 2021
 Response via : Initial Calibration

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

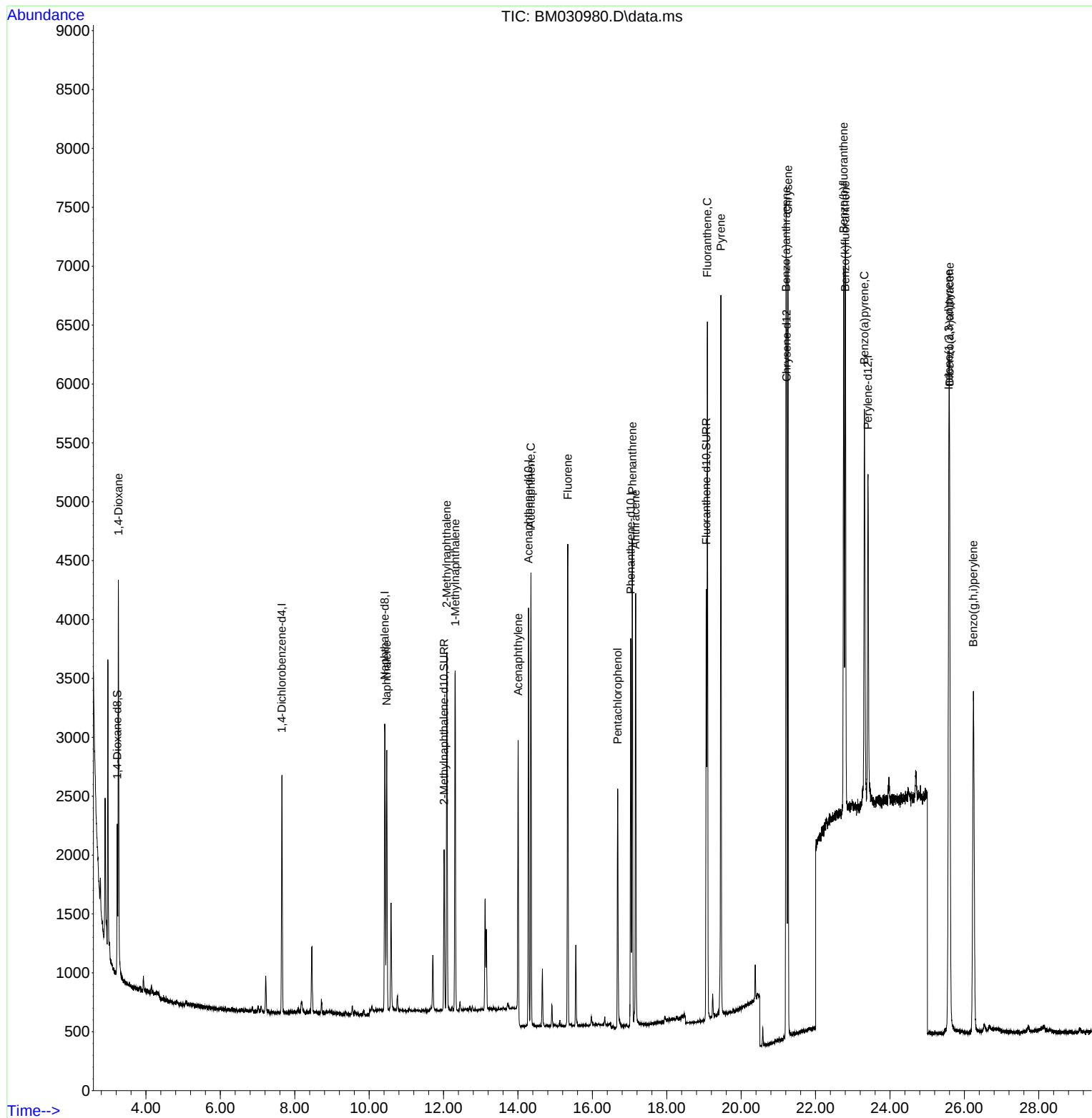
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	985	0.400	ng/ul	0.00
4) Naphthalene-d8	10.419	136	3181	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.284	164	1898	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.030	188	4128	0.400	ng/ul	0.00
17) Chrysene-d12	21.222	240	3638	0.400	ng/ul	0.00
23) Perylene-d12	23.409	264	3563	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.227	96	757	0.747	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.016	152	1776	0.321	ng/ul	0.00
18) Fluoranthene-d10	19.062	212	4324	0.353	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.258	88	1961	1.735	ng/ul#	82
5) Naphthalene	10.473	128	3016	0.318	ng/ul	99
7) 2-Methylnaphthalene	12.088	142	2077	0.310	ng/ul	99
8) 1-Methylnaphthalene	12.313	142	1908	0.291	ng/ul	100
10) Acenaphthylene	14.004	152	2470	0.266	ng/ul	97
11) Acenaphthene	14.349	153	2150	0.320	ng/ul	95
12) Fluorene	15.338	166	2529	0.317	ng/ul	99
14) Pentachlorophenol	16.680	266	1354	0.929	ng/ul	99
15) Phenanthrene	17.072	178	4261	0.329	ng/ul	99
16) Anthracene	17.162	178	3928	0.316	ng/ul	99
19) Fluoranthene	19.092	202	5282	0.330	ng/ul	99
20) Pyrene	19.454	202	5461	0.337	ng/ul	98
21) Benzo(a)anthracene	21.207	228	5285	0.336	ng/ul	100
22) Chrysene	21.258	228	5556	0.342	ng/ul	99
24) Benzo(b)fluoranthene	22.754	252	5909	0.343	ng/ul	98
25) Benzo(k)fluoranthene	22.800	252	5937	0.343	ng/ul	97
26) Benzo(a)pyrene	23.312	252	4972	0.332	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.582	276	7164	0.353	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.601	278	5732	0.349	ng/ul	96
29) Benzo(g,h,i)perylene	26.243	276	6079	0.353	ng/ul	99

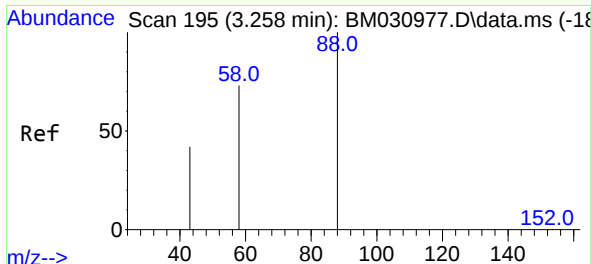
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071521\
Data File : BM030980.D
Acq On : 15 Jul 2021 14:26
Operator : CG/JU
Sample : PB137577BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS577

Quant Time: Jul 15 15:01:36 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 : Thu Jul 15 13:02:53 2021
Response via : Initial Calibration

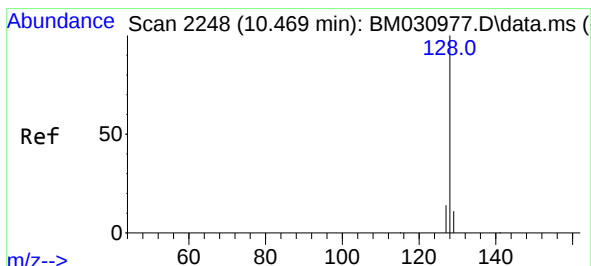
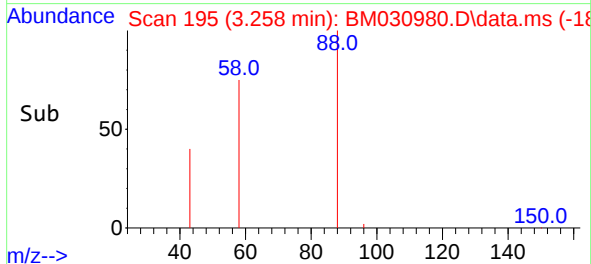
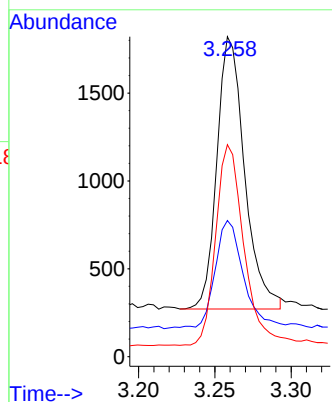
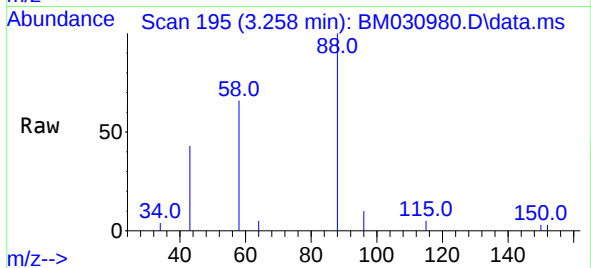




#2
1,4-Dioxane
Concen: 1.735 ng/ul
RT: 3.258 min Scan# 195
Delta R.T. -0.000 min
Lab File: BM030980.D
Acq: 15 Jul 2021 14:26

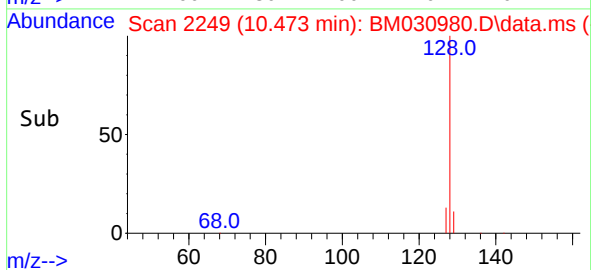
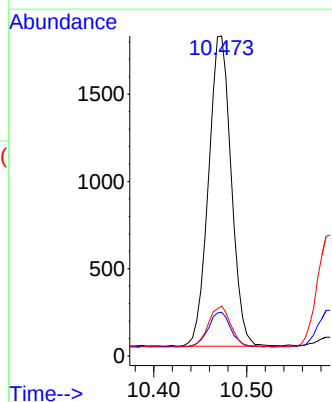
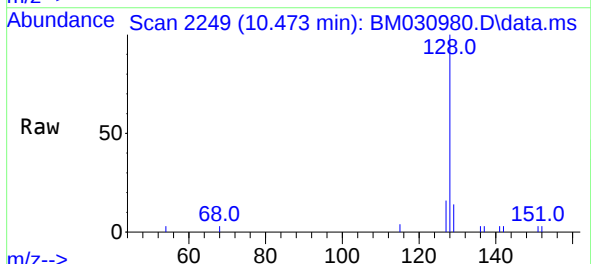
Instrument :
BNA_M
ClientSampleId :
SLCS577

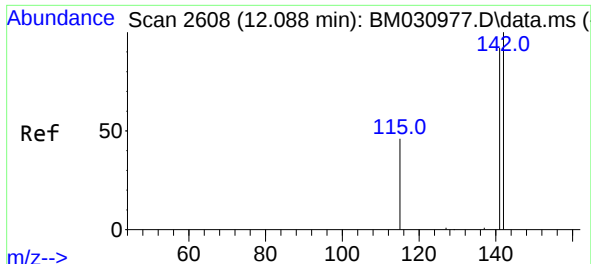
Tgt Ion: 88 Resp: 1961
Ion Ratio Lower Upper
88 100
43 42.6 48.2 72.4#
58 66.2 46.0 69.0



#5
Naphthalene
Concen: 0.318 ng/ul
RT: 10.473 min Scan# 2249
Delta R.T. 0.004 min
Lab File: BM030980.D
Acq: 15 Jul 2021 14:26

Tgt Ion: 128 Resp: 3016
Ion Ratio Lower Upper
128 100
129 13.6 10.7 16.1
127 15.6 12.7 19.1

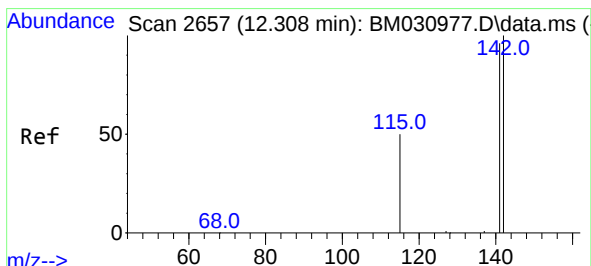
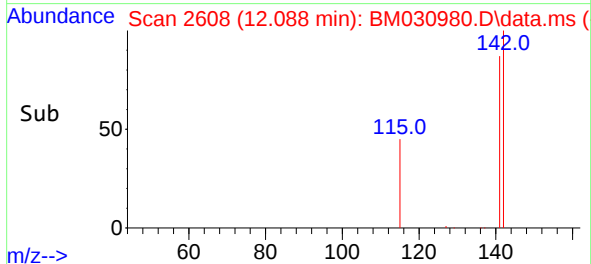
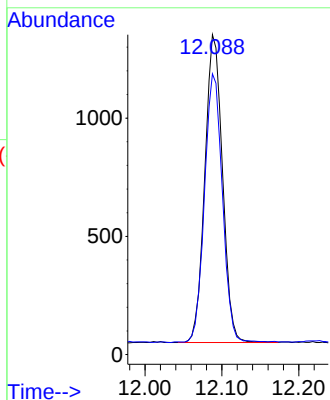
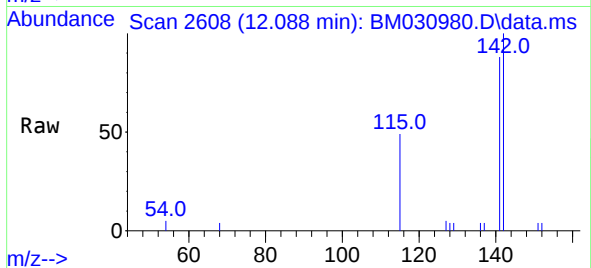




#7
2-Methylnaphthalene
Concen: 0.310 ng/ul
RT: 12.088 min Scan# 2608
Delta R.T. -0.000 min
Lab File: BM030980.D
Acq: 15 Jul 2021 14:26

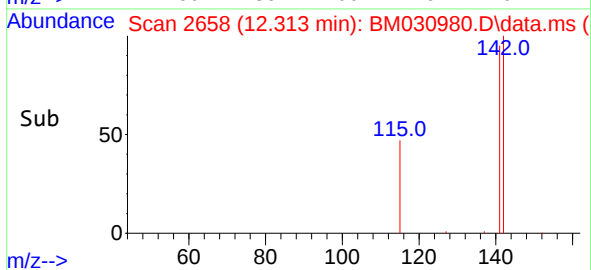
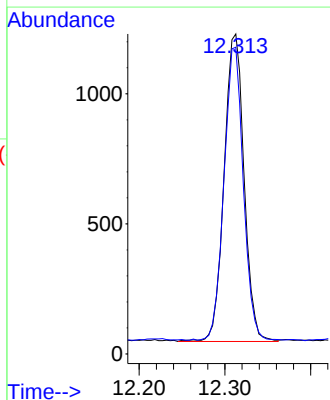
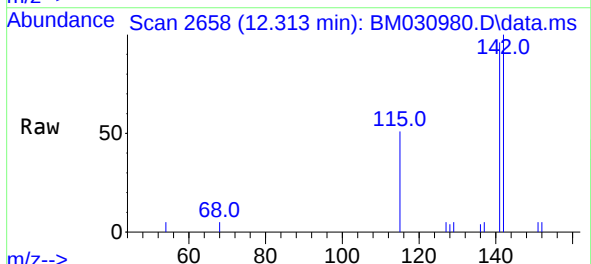
Instrument :
BNA_M
ClientSampled :
SLCS577

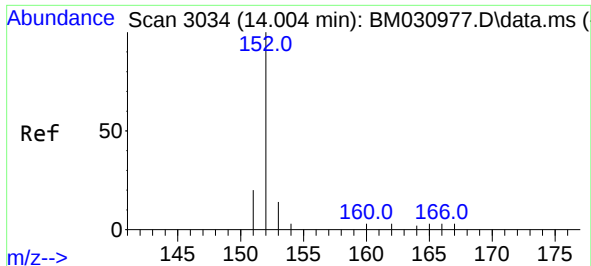
Tgt Ion:142 Resp: 2077
Ion Ratio Lower Upper
142 100
141 88.7 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.291 ng/ul
RT: 12.313 min Scan# 2658
Delta R.T. 0.004 min
Lab File: BM030980.D
Acq: 15 Jul 2021 14:26

Tgt Ion:142 Resp: 1908
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.8

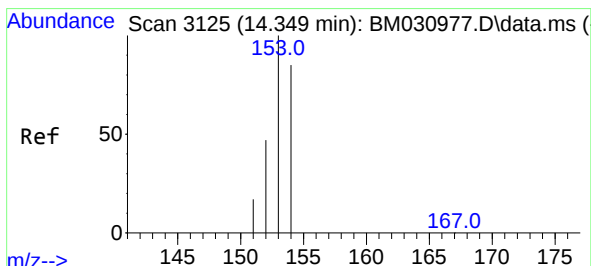
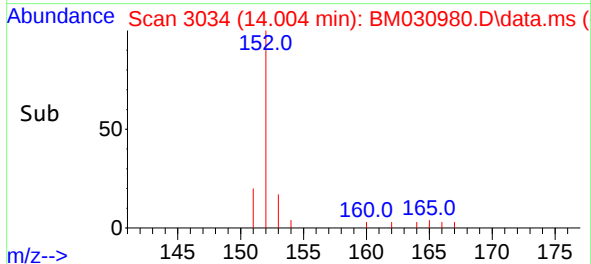
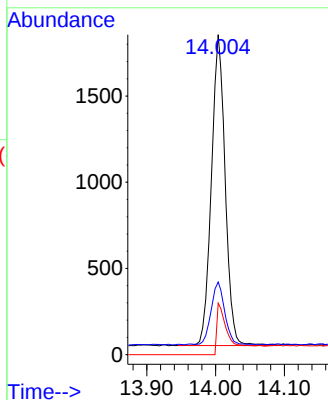
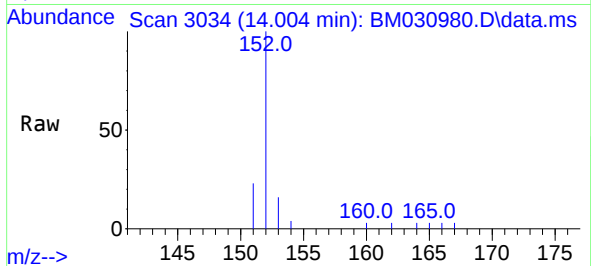




#10
Acenaphthylene
Concen: 0.266 ng/ul
RT: 14.004 min Scan# 3034
Delta R.T. -0.000 min
Lab File: BM030980.D
Acq: 15 Jul 2021 14:26

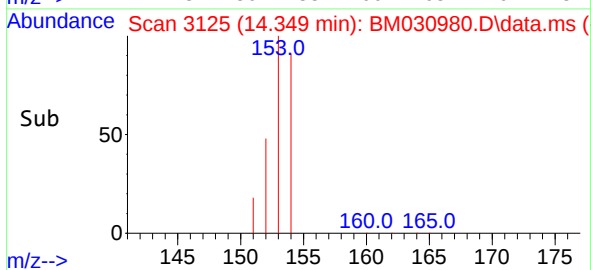
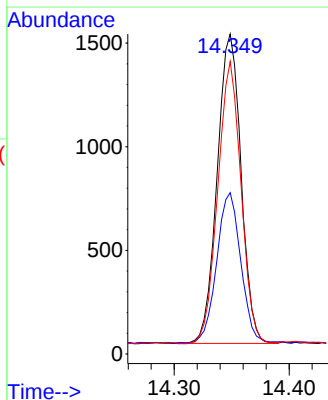
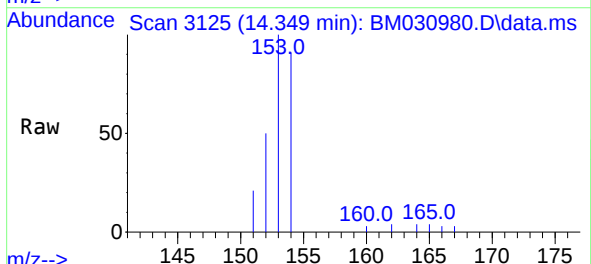
Instrument :
BNA_M
ClientSampleId :
SLCS577

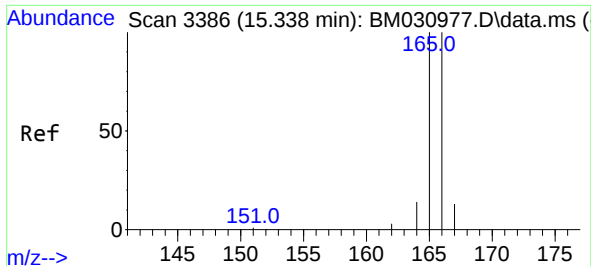
Tgt Ion:	152	Resp:	2470
Ion	Ratio	Lower	Upper
152	100		
151	22.7	17.2	25.8
153	16.1	12.0	18.0



#11
Acenaphthene
Concen: 0.320 ng/ul
RT: 14.349 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BM030980.D
Acq: 15 Jul 2021 14:26

Tgt Ion:	153	Resp:	2150
Ion	Ratio	Lower	Upper
153	100		
152	50.4	39.3	58.9
154	91.4	68.5	102.7



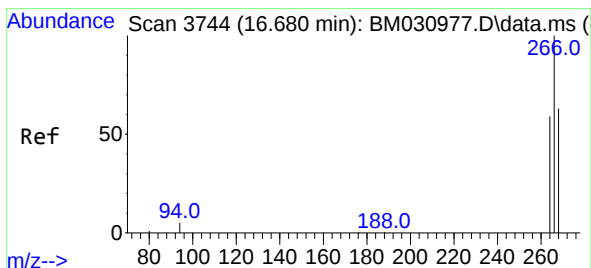
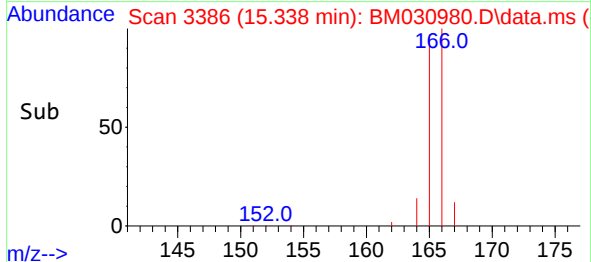
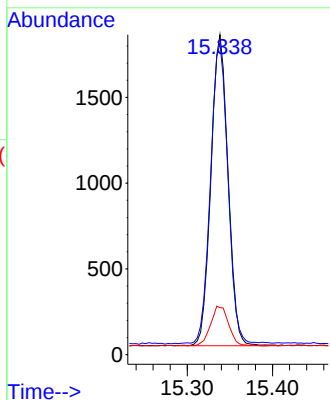
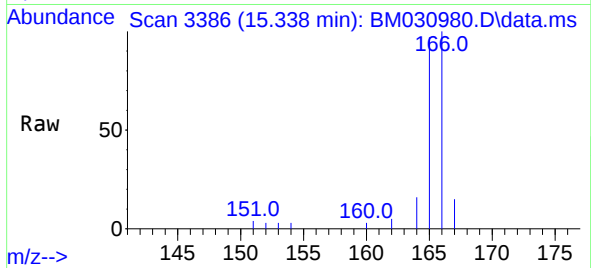


#12
Fluorene
Concen: 0.317 ng/ul
RT: 15.338 min Scan# 3386
Delta R.T. -0.000 min
Lab File: BM030980.D
Acq: 15 Jul 2021 14:26

Instrument :
BNA_M
ClientSampled :
SLCS577

Tgt Ion:166 Resp: 2529

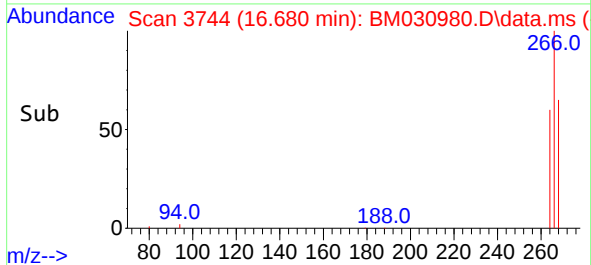
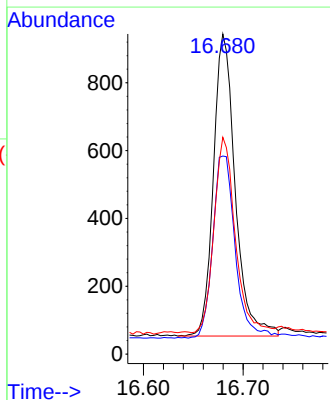
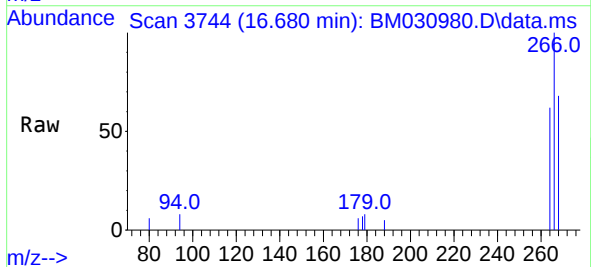
Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.7	118.1
167	14.7	12.5	18.7

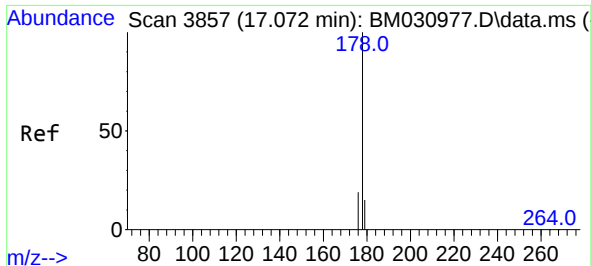


#14
Pentachlorophenol
Concen: 0.929 ng/ul
RT: 16.680 min Scan# 3744
Delta R.T. -0.000 min
Lab File: BM030980.D
Acq: 15 Jul 2021 14:26

Tgt Ion:266 Resp: 1354

Ion	Ratio	Lower	Upper
266	100		
264	63.8	49.5	74.3
268	63.1	50.4	75.6

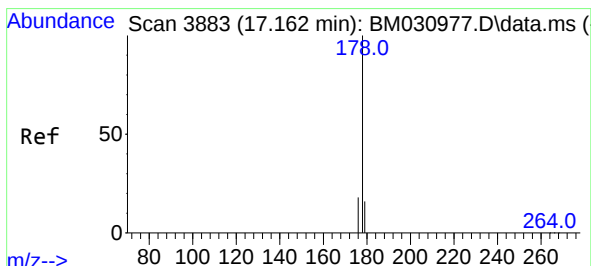
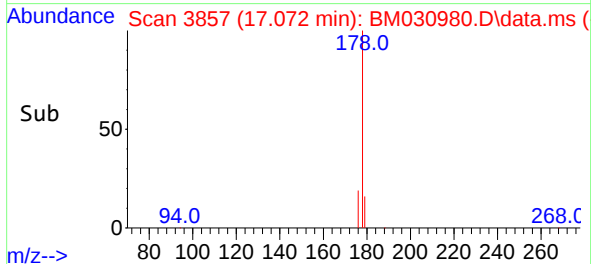
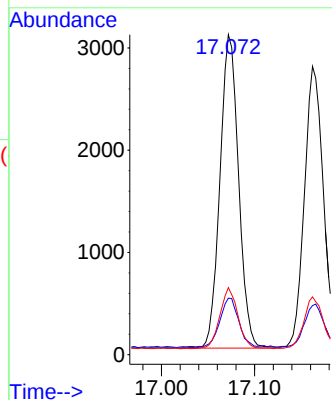
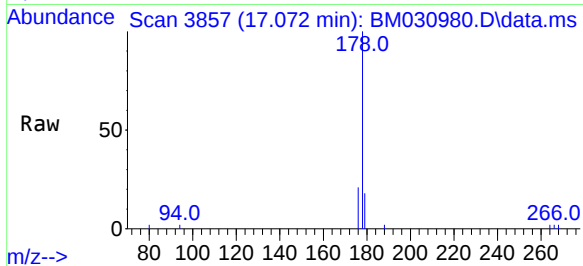




#15
Phenanthrene
Concen: 0.329 ng/ul
RT: 17.072 min Scan# 3857
Delta R.T. -0.000 min
Lab File: BM030980.D
Acq: 15 Jul 2021 14:26

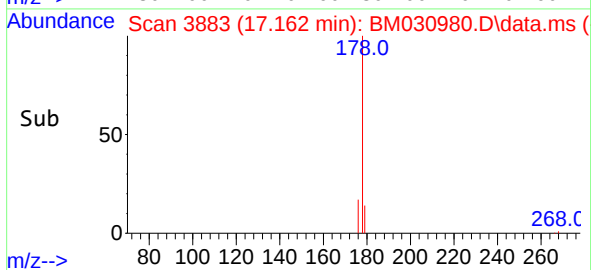
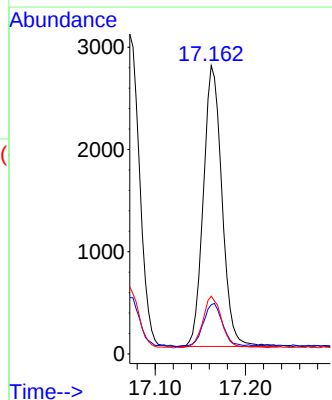
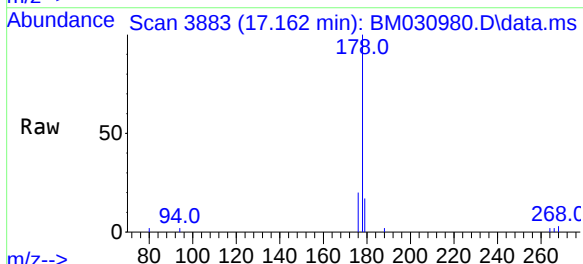
Instrument :
BNA_M
ClientSampled :
SLCS577

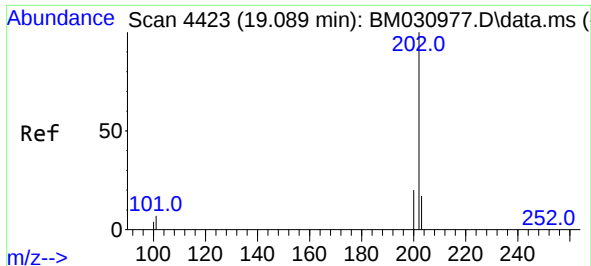
Tgt Ion:178	Resp:	4261
Ion Ratio	Lower	Upper
178	100	
179	17.6	13.8 20.6
176	21.0	16.4 24.6



#16
Anthracene
Concen: 0.316 ng/ul
RT: 17.162 min Scan# 3883
Delta R.T. -0.000 min
Lab File: BM030980.D
Acq: 15 Jul 2021 14:26

Tgt Ion:178	Resp:	3928
Ion Ratio	Lower	Upper
178	100	
179	17.1	14.5 21.7
176	20.0	16.1 24.1

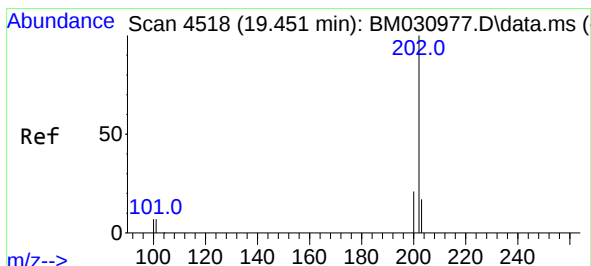
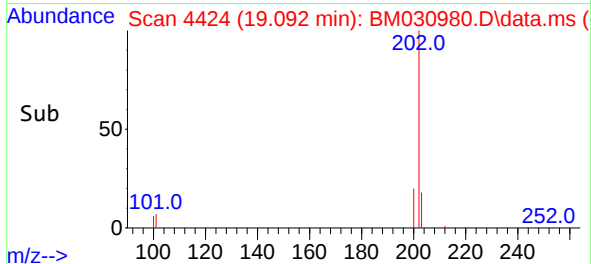
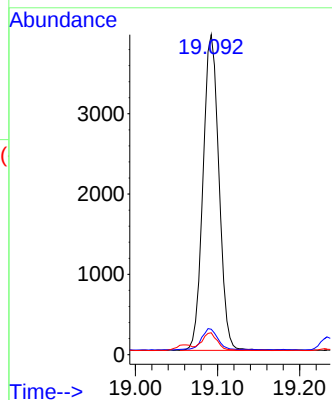
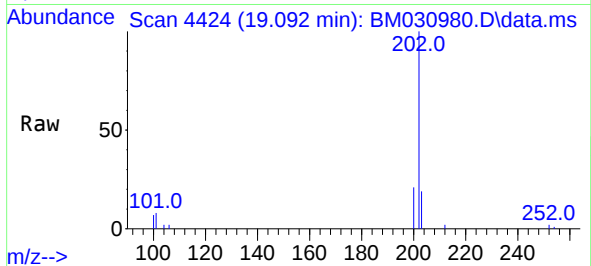




#19
Fluoranthene
Concen: 0.330 ng/ul
RT: 19.092 min Scan# 4424
Delta R.T. 0.004 min
Lab File: BM030980.D
Acq: 15 Jul 2021 14:26

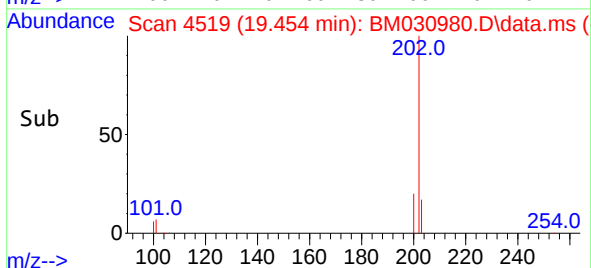
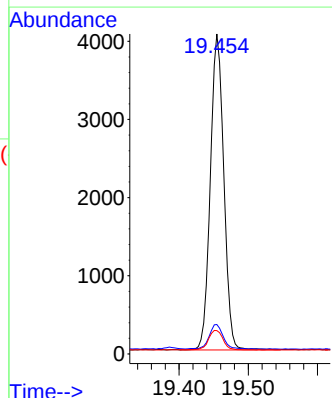
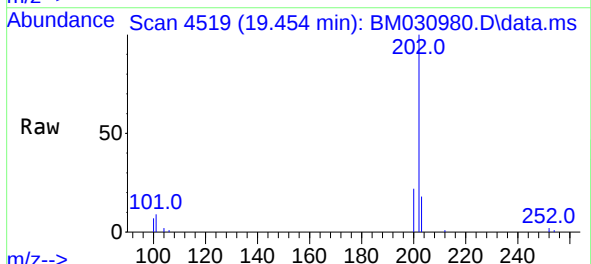
Instrument :
BNA_M
ClientSampleId :
SLCS577

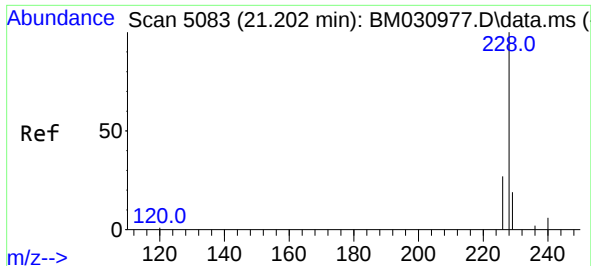
Tgt Ion:202	Resp:	5282
Ion Ratio	Lower	Upper
202	100	
101	8.0	6.3 9.5
100	6.9	5.0 7.6



#20
Pyrene
Concen: 0.337 ng/ul
RT: 19.454 min Scan# 4519
Delta R.T. 0.004 min
Lab File: BM030980.D
Acq: 15 Jul 2021 14:26

Tgt Ion:202	Resp:	5461
Ion Ratio	Lower	Upper
202	100	
101	9.2	6.6 10.0
100	7.3	5.6 8.4

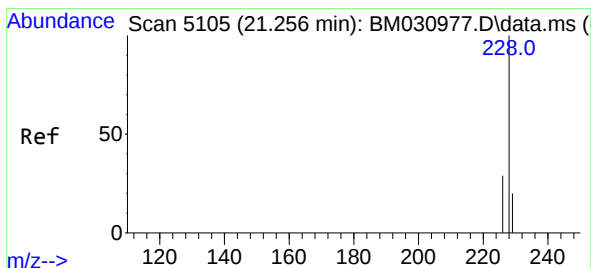
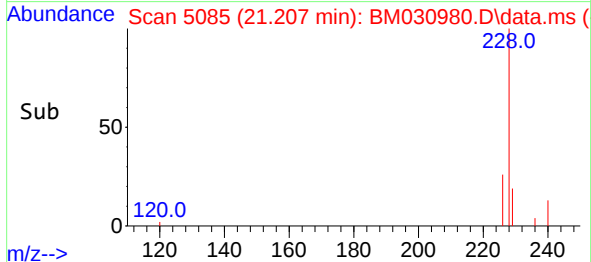
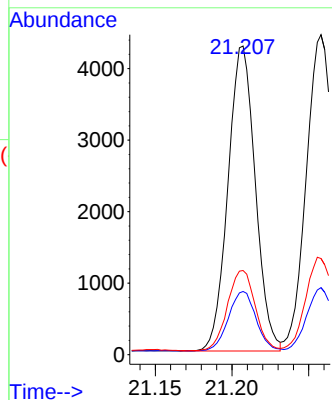
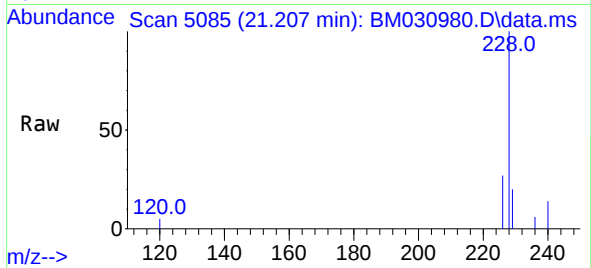




#21
Benzo(a)anthracene
Concen: 0.336 ng/ul
RT: 21.207 min Scan# 5085
Delta R.T. 0.005 min
Lab File: BM030980.D
Acq: 15 Jul 2021 14:26

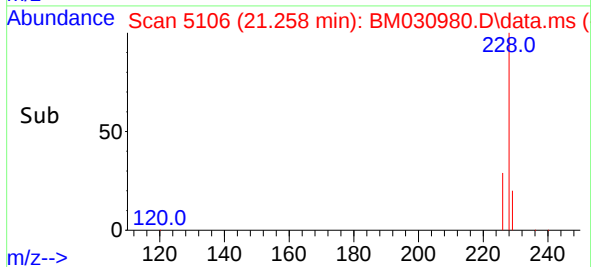
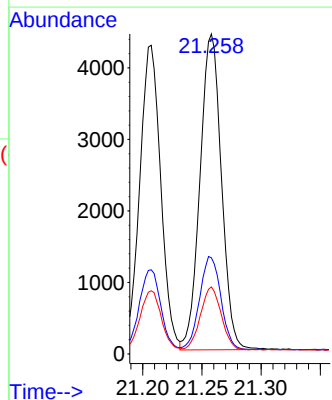
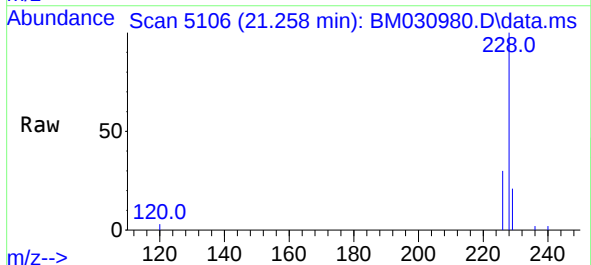
Instrument :
BNA_M
ClientSampled :
SLCS577

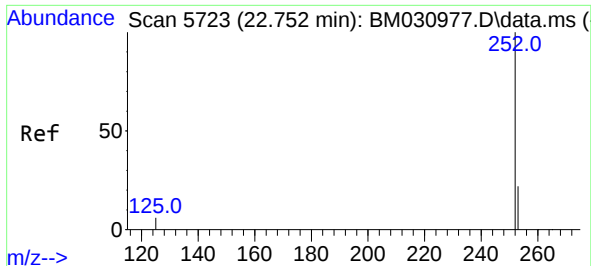
Tgt Ion:228	Resp:	5285
Ion Ratio	Lower	Upper
228	100	
229	20.5	16.1 24.1
226	27.3	21.8 32.8



#22
Chrysene
Concen: 0.342 ng/ul
RT: 21.258 min Scan# 5106
Delta R.T. 0.002 min
Lab File: BM030980.D
Acq: 15 Jul 2021 14:26

Tgt Ion:228	Resp:	5556
Ion Ratio	Lower	Upper
228	100	
226	30.1	24.5 36.7
229	20.9	16.4 24.6

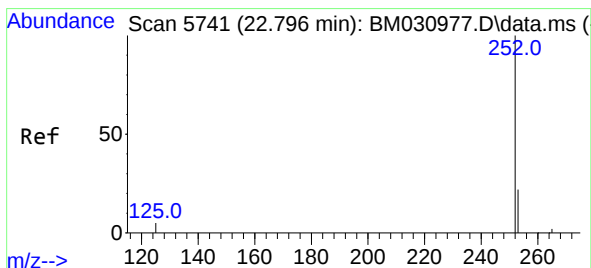
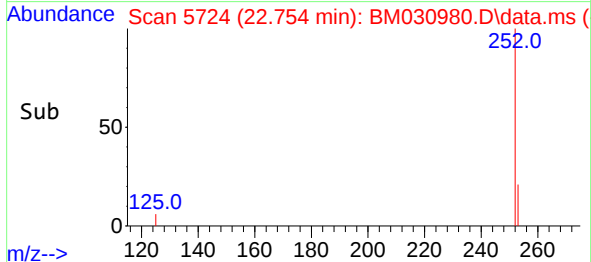
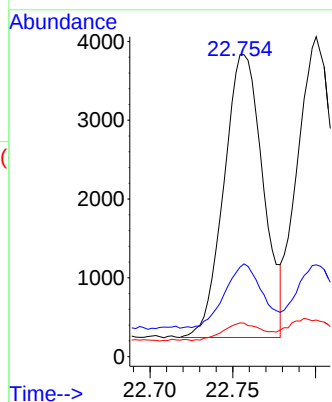
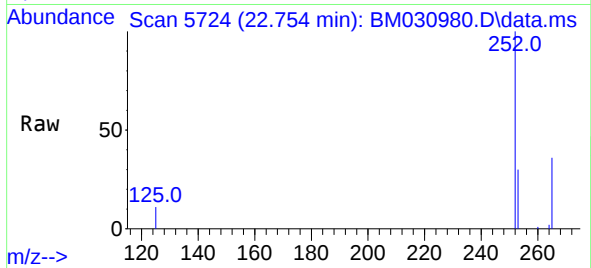




#24
Benzo(b)fluoranthene
Concen: 0.343 ng/ul
RT: 22.754 min Scan# 5724
Delta R.T. 0.002 min
Lab File: BM030980.D
Acq: 15 Jul 2021 14:26

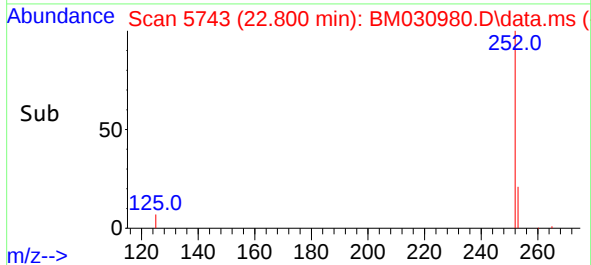
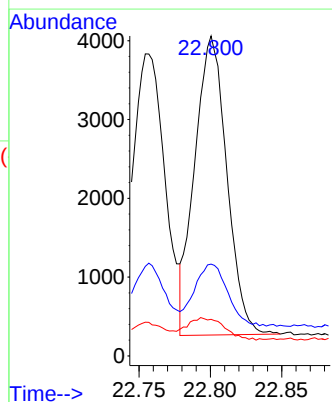
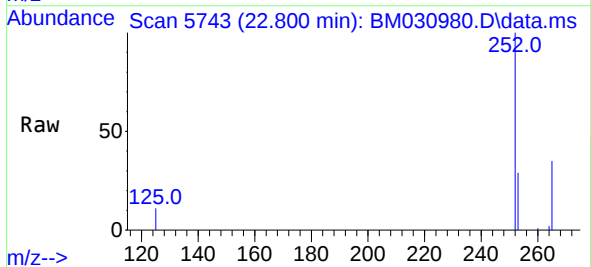
Instrument :
BNA_M
ClientSampleId :
SLCS577

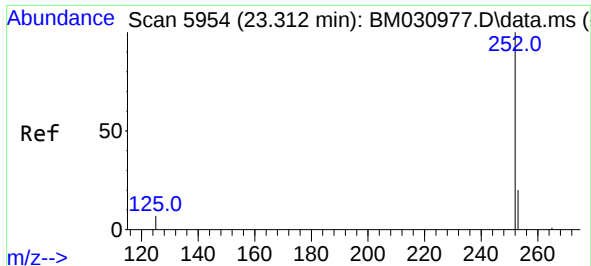
Tgt Ion:252	Resp:	5909
Ion Ratio	Lower	Upper
252	100	
253	29.6	0.0 62.0
125	11.2	0.0 23.2



#25
Benzo(k)fluoranthene
Concen: 0.343 ng/ul
RT: 22.800 min Scan# 5743
Delta R.T. 0.005 min
Lab File: BM030980.D
Acq: 15 Jul 2021 14:26

Tgt Ion:252	Resp:	5937
Ion Ratio	Lower	Upper
252	100	
253	28.7	24.3 36.5
125	11.4	9.8 14.8

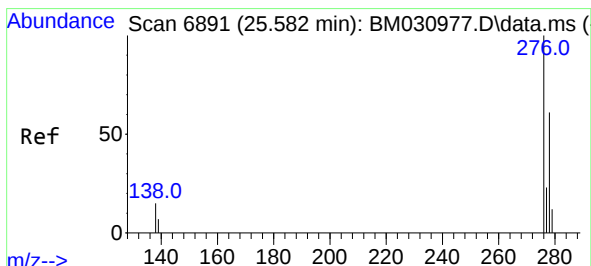
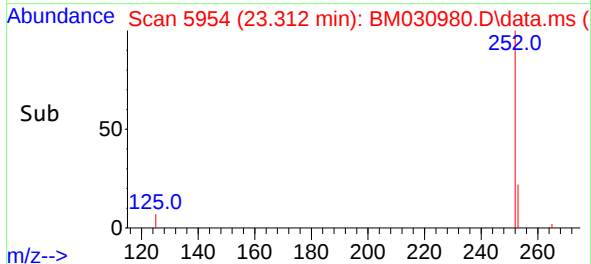
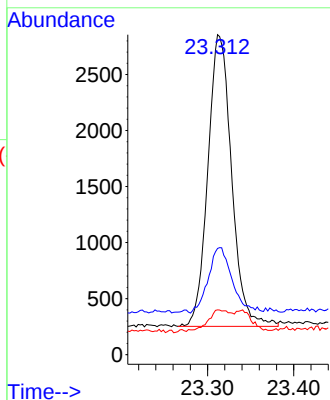
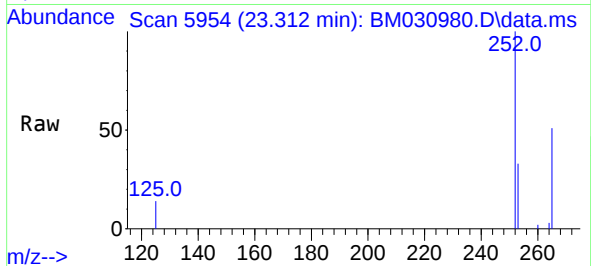




#26
Benzo(a)pyrene
Concen: 0.332 ng/ul
RT: 23.312 min Scan# 5954
Delta R.T. -0.000 min
Lab File: BM030980.D
Acq: 15 Jul 2021 14:26

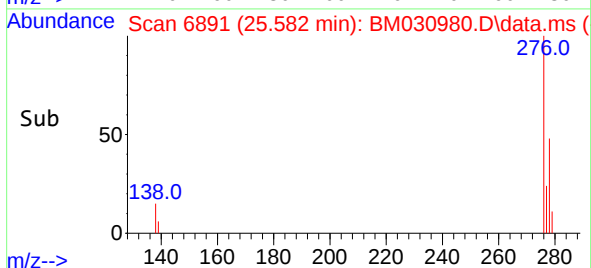
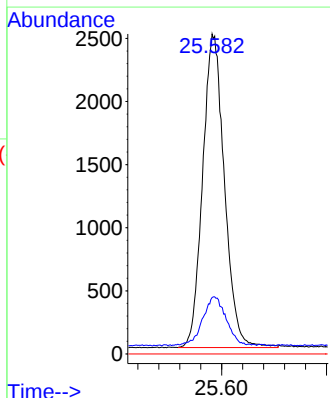
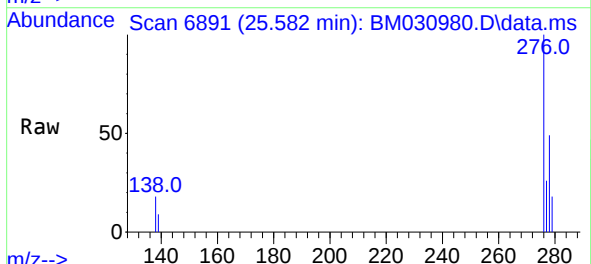
Instrument :
BNA_M
ClientSampleId :
SLCS577

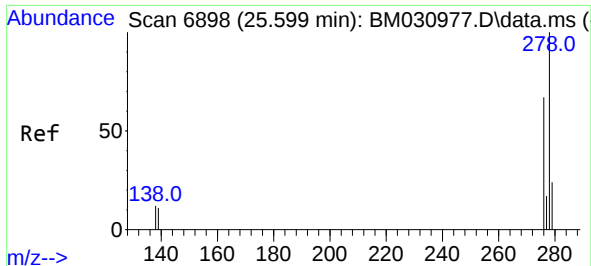
Tgt Ion:	252	Resp:	4972
Ion Ratio	Lower	Upper	
252	100		
253	33.2	26.5	39.7
125	14.0	11.0	16.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.353 ng/ul
RT: 25.582 min Scan# 6891
Delta R.T. -0.000 min
Lab File: BM030980.D
Acq: 15 Jul 2021 14:26

Tgt Ion:	276	Resp:	7164
Ion Ratio	Lower	Upper	
276	100		
138	16.1	13.0	19.6
227	0.0	0.0	0.0



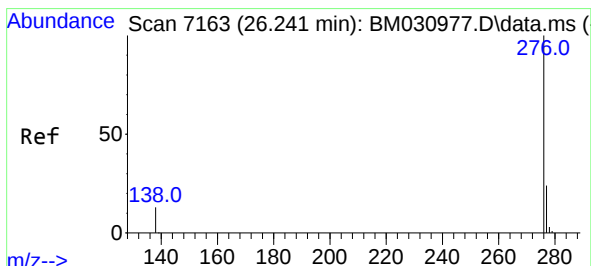
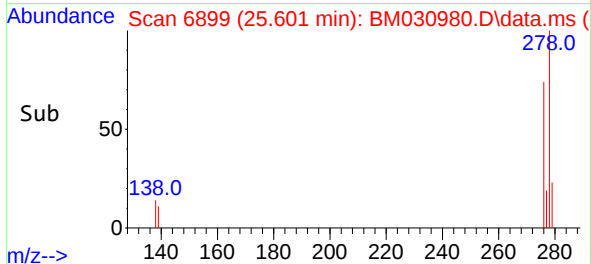
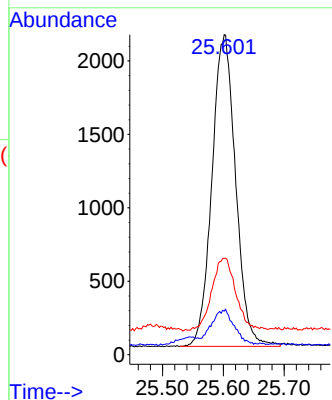
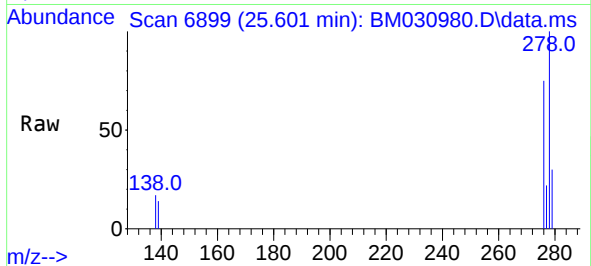


#28
Dibenzo(a,h)anthracene
Concen: 0.349 ng/ul
RT: 25.601 min Scan# 6899
Delta R.T. 0.002 min
Lab File: BM030980.D
Acq: 15 Jul 2021 14:26

Instrument :
BNA_M
ClientSampled :
SLCS577

Tgt Ion:278 Resp: 5732

Ion	Ratio	Lower	Upper
278	100		
139	13.6	11.4	17.0
279	30.2	26.2	39.2



#29
Benzo(g,h,i)perylene
Concen: 0.353 ng/ul
RT: 26.243 min Scan# 7164
Delta R.T. 0.002 min
Lab File: BM030980.D
Acq: 15 Jul 2021 14:26

Tgt Ion:276 Resp: 6079

Ion	Ratio	Lower	Upper
276	100		
138	15.9	12.3	18.5
277	25.7	21.3	31.9

