

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072221\
 Data File : BM031084.D
 Acq On : 23 Jul 2021 09:22
 Operator : CG/JU
 Sample : PB137652BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS652

Quant Time: Jul 23 10:21:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 11:33:47 2021
 Response via : Initial Calibration

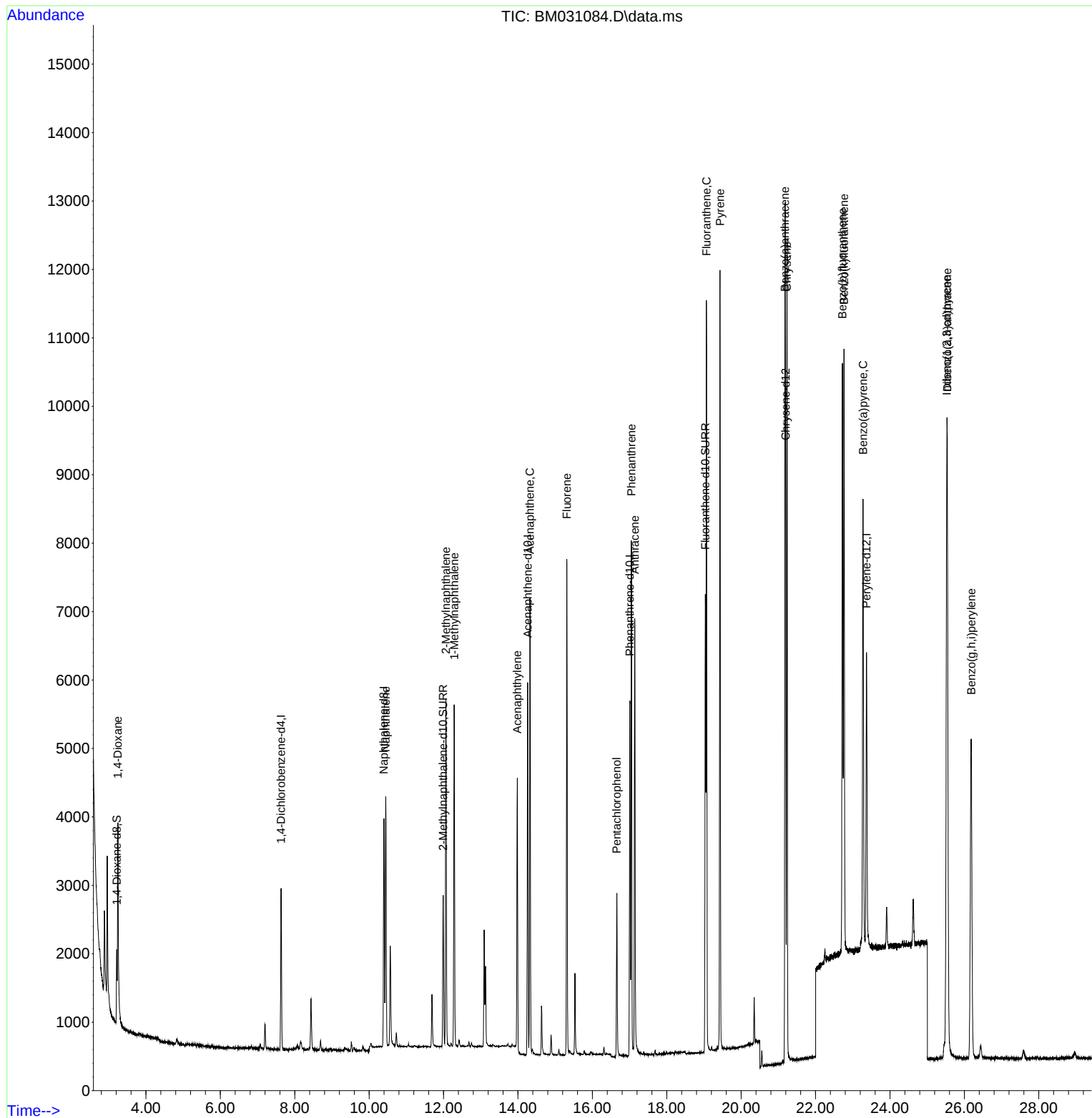
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	1185	0.400	ng/ul	0.00
4) Naphthalene-d8	10.397	136	4653	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.261	164	3065	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.006	188	6555	0.400	ng/ul	0.00
17) Chrysene-d12	21.195	240	5905	0.400	ng/ul	0.00
23) Perylene-d12	23.370	264	5564	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	819	0.658	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.989	152	2895	0.354	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	7525	0.418	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.244	88	1987	1.633	ng/ul#	84
5) Naphthalene	10.446	128	4887	0.352	ng/ul	99
7) 2-Methylnaphthalene	12.065	142	3505	0.350	ng/ul	99
8) 1-Methylnaphthalene	12.286	142	3250	0.332	ng/ul	99
10) Acenaphthylene	13.981	152	4470	0.357	ng/ul	99
11) Acenaphthene	14.322	153	3892	0.351	ng/ul	98
12) Fluorene	15.315	166	4646	0.356	ng/ul	97
14) Pentachlorophenol	16.655	266	1607	0.708	ng/ul	98
15) Phenanthrene	17.047	178	7756	0.373	ng/ul	99
16) Anthracene	17.138	178	7205	0.369	ng/ul	99
19) Fluoranthene	19.065	202	9553	0.402	ng/ul	97
20) Pyrene	19.432	202	9795	0.404	ng/ul	99
21) Benzo(a)anthracene	21.178	228	9625	0.408	ng/ul	100
22) Chrysene	21.231	228	10251	0.402	ng/ul	99
24) Benzo(b)fluoranthene	22.720	252	10477	0.400	ng/ul	99
25) Benzo(k)fluoranthene	22.764	252	10931	0.412	ng/ul	98
26) Benzo(a)pyrene	23.275	252	9077	0.401	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.528	276	11724	0.396	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.541	278	9312	0.392	ng/ul	99
29) Benzo(g,h,i)perylene	26.185	276	9928	0.395	ng/ul	99

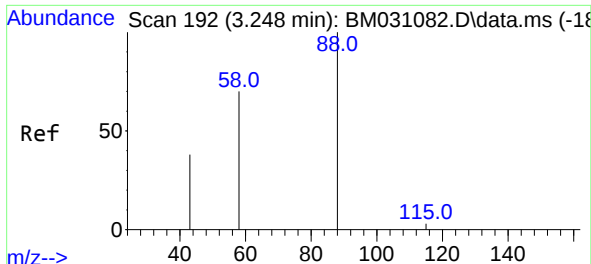
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072221\
Data File : BM031084.D
Acq On : 23 Jul 2021 09:22
Operator : CG/JU
Sample : PB137652BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS652

Quant Time: Jul 23 10:21:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 11:33:47 2021
Response via : Initial Calibration



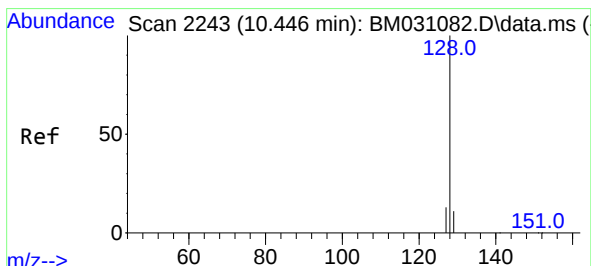
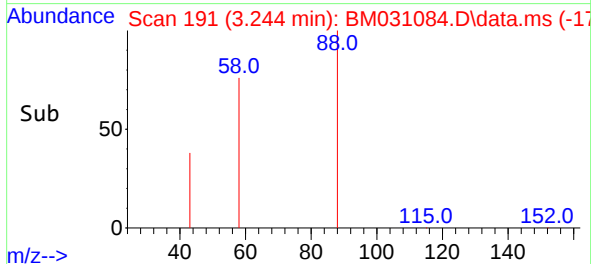
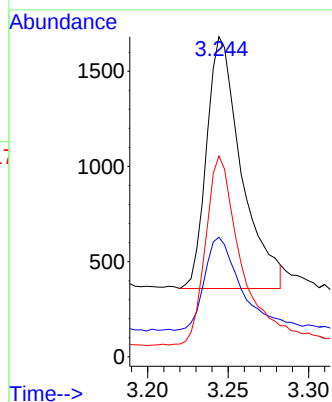
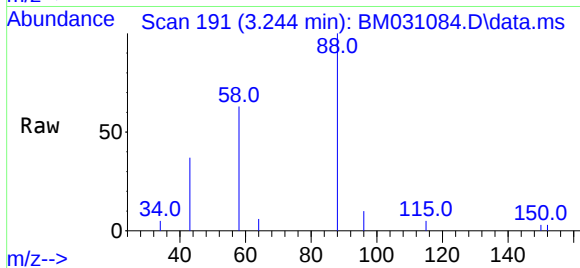


#2
1,4-Dioxane
Concen: 1.633 ng/ul
RT: 3.244 min Scan# 191
Delta R.T. -0.004 min
Lab File: BM031084.D
Acq: 23 Jul 2021 09:22

Instrument :
BNA_M
ClientSampled :
SLCS652

Tgt Ion: 88 Resp: 1987

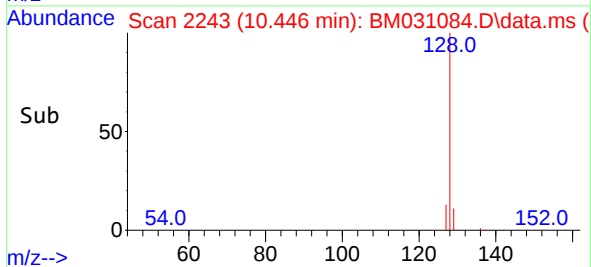
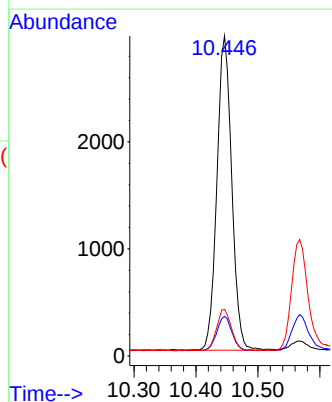
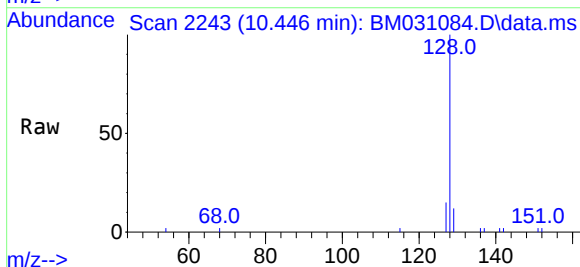
Ion	Ratio	Lower	Upper
88	100		
43	37.3	35.2	52.8
58	62.7	39.1	58.7#

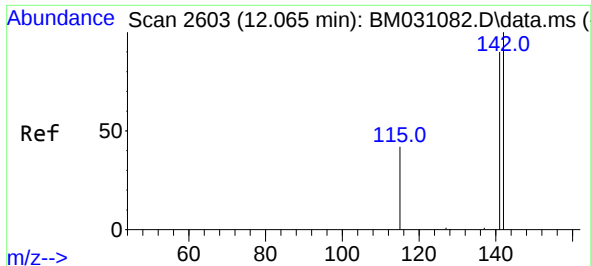


#5
Naphthalene
Concen: 0.352 ng/ul
RT: 10.446 min Scan# 2243
Delta R.T. -0.005 min
Lab File: BM031084.D
Acq: 23 Jul 2021 09:22

Tgt Ion: 128 Resp: 4887

Ion	Ratio	Lower	Upper
128	100		
129	12.4	10.2	15.4
127	14.5	11.8	17.8

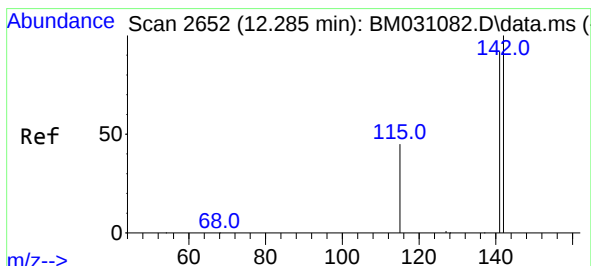
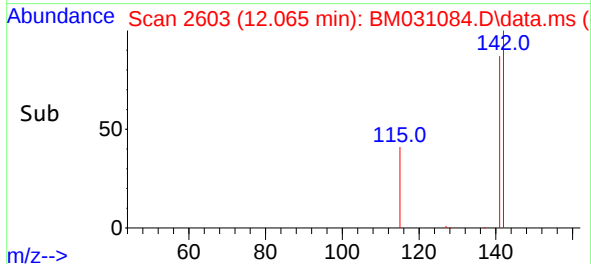
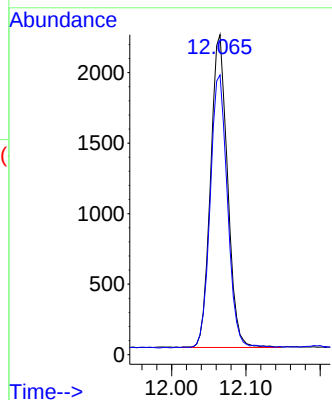
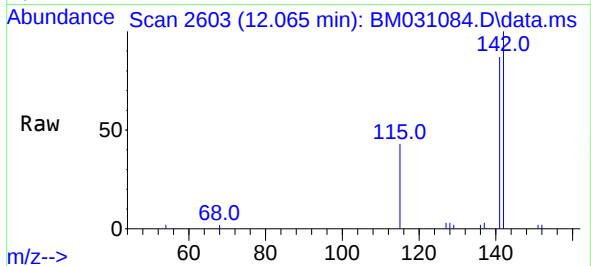




#7
2-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.065 min Scan# 2603
Delta R.T. -0.005 min
Lab File: BM031084.D
Acq: 23 Jul 2021 09:22

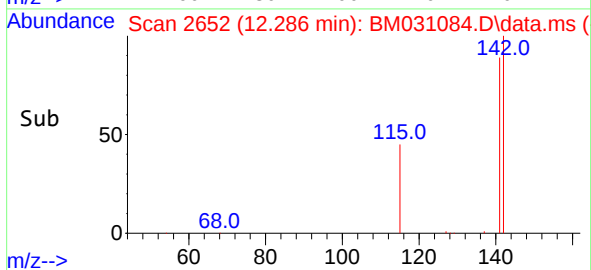
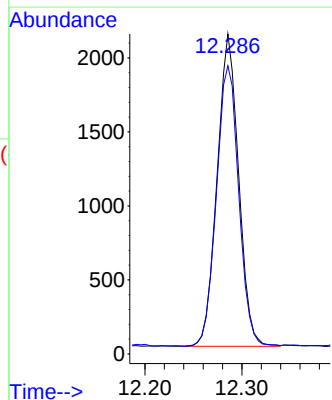
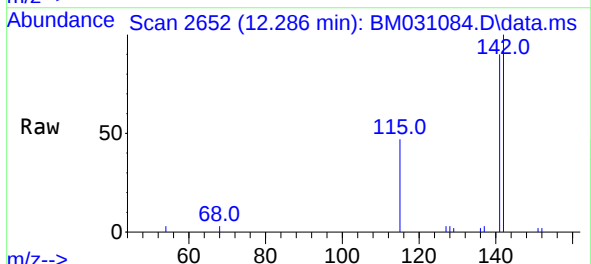
Instrument :
BNA_M
ClientSampleId :
SLCS652

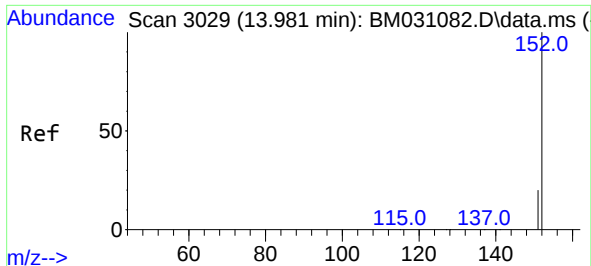
Tgt Ion:142 Resp: 3505
Ion Ratio Lower Upper
142 100
141 88.9 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.286 min Scan# 2652
Delta R.T. -0.005 min
Lab File: BM031084.D
Acq: 23 Jul 2021 09:22

Tgt Ion:142 Resp: 3250
Ion Ratio Lower Upper
142 100
141 93.4 74.2 111.4

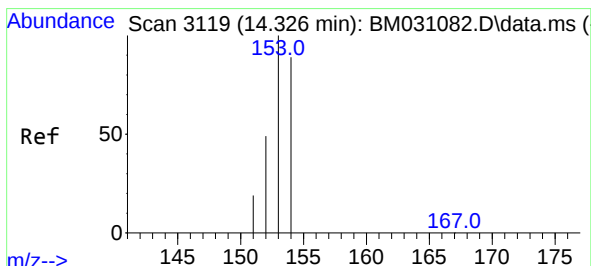
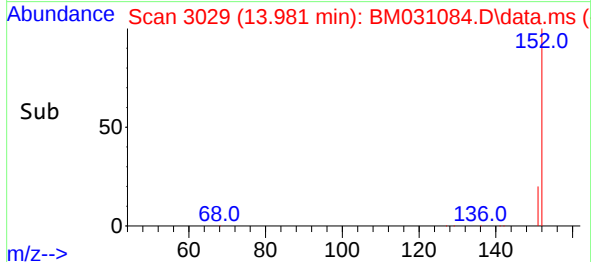
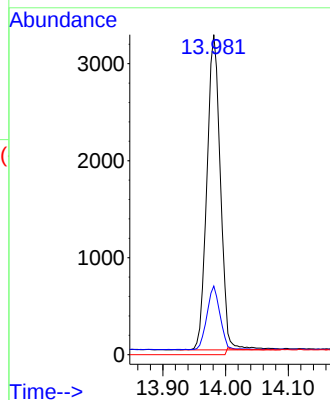
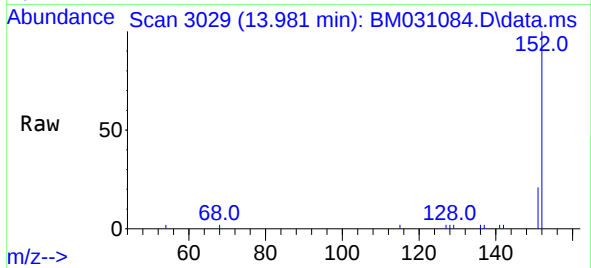




#10
Acenaphthylene
Concen: 0.357 ng/ul
RT: 13.981 min Scan# 3029
Delta R.T. -0.005 min
Lab File: BM031084.D
Acq: 23 Jul 2021 09:22

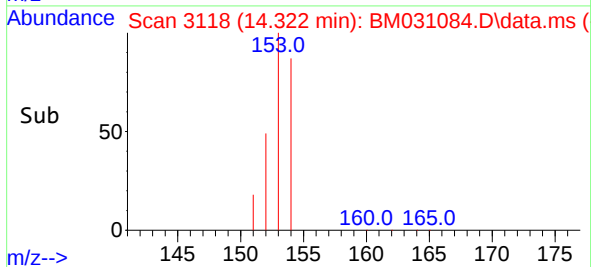
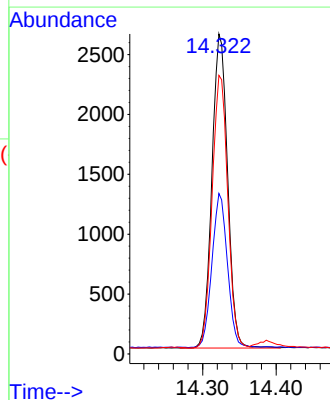
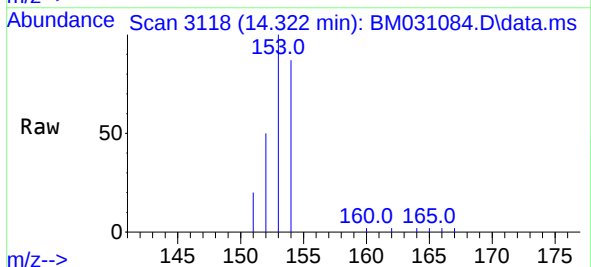
Instrument :
BNA_M
ClientSampleId :
SLCS652

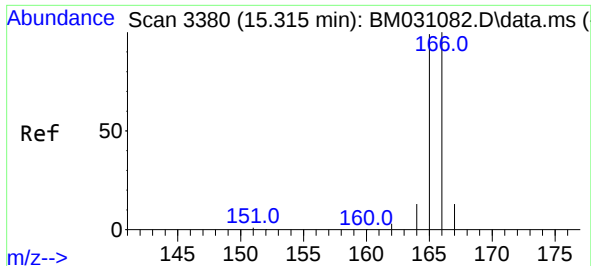
Tgt Ion:152 Resp: 4470
Ion Ratio Lower Upper
152 100
151 21.4 17.5 26.3
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.351 ng/ul
RT: 14.322 min Scan# 3118
Delta R.T. -0.004 min
Lab File: BM031084.D
Acq: 23 Jul 2021 09:22

Tgt Ion:153 Resp: 3892
Ion Ratio Lower Upper
153 100
152 50.1 39.4 59.2
154 87.1 68.2 102.4

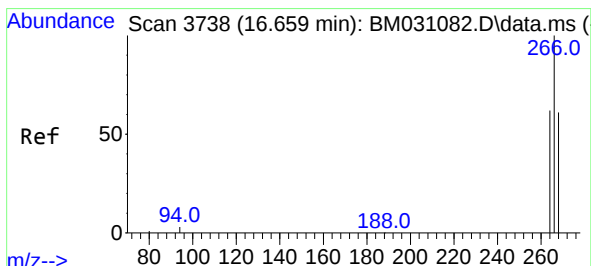
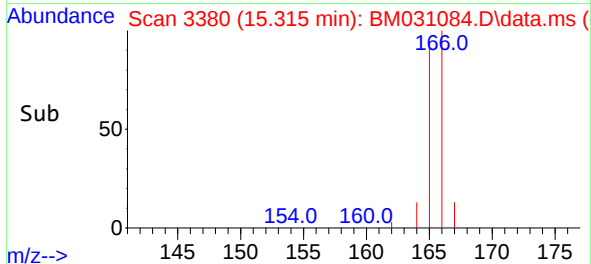
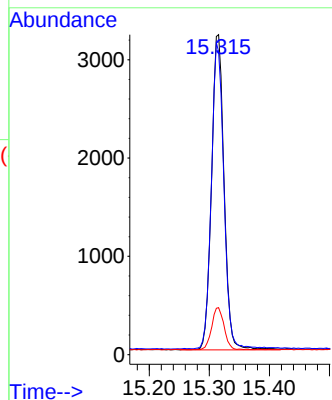
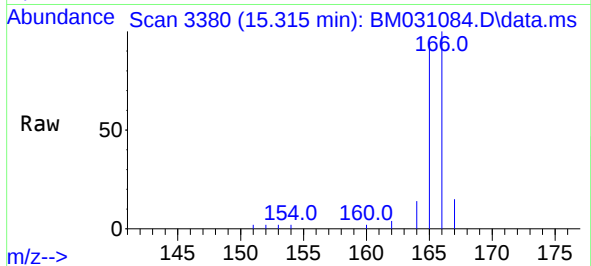




#12
Fluorene
Concen: 0.356 ng/ul
RT: 15.315 min Scan# 3380
Delta R.T. -0.000 min
Lab File: BM031084.D
Acq: 23 Jul 2021 09:22

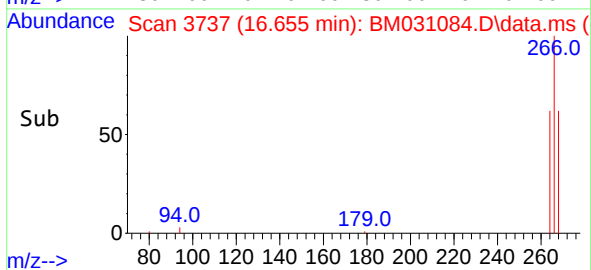
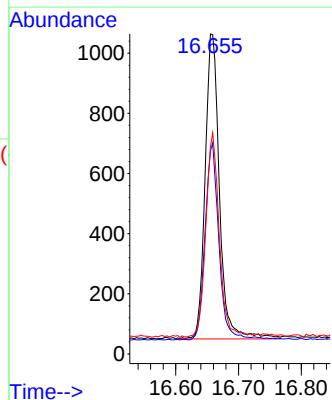
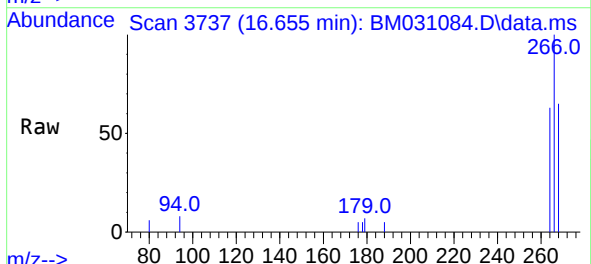
Instrument :
BNA_M
ClientSampleId :
SLCS652

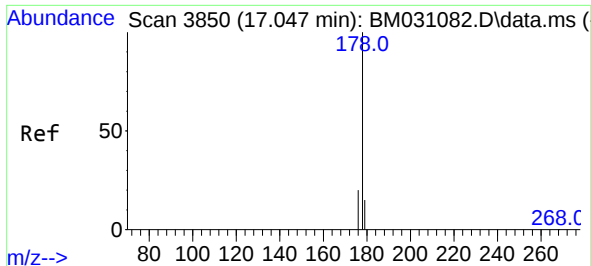
Tgt Ion:	166	Resp:	4646
Ion	Ratio	Lower	Upper
166	100		
165	94.7	78.2	117.2
167	14.7	12.3	18.5



#14
Pentachlorophenol
Concen: 0.708 ng/ul
RT: 16.655 min Scan# 3737
Delta R.T. -0.007 min
Lab File: BM031084.D
Acq: 23 Jul 2021 09:22

Tgt Ion:	266	Resp:	1607
Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.9	76.3
268	62.4	51.2	76.8

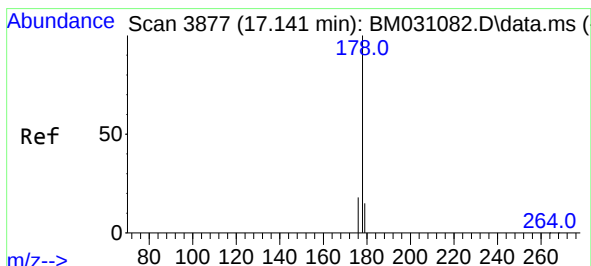
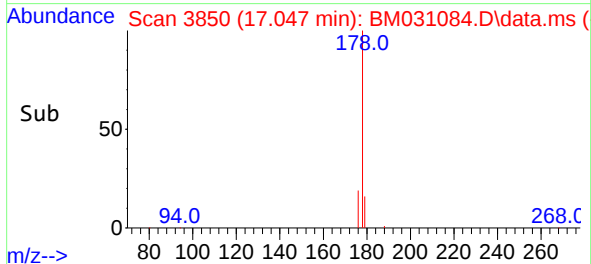
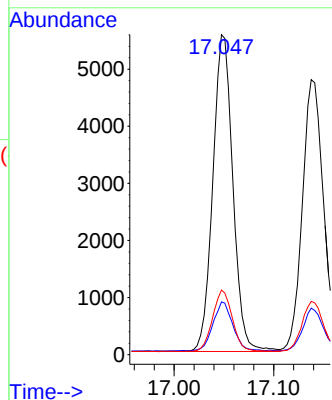
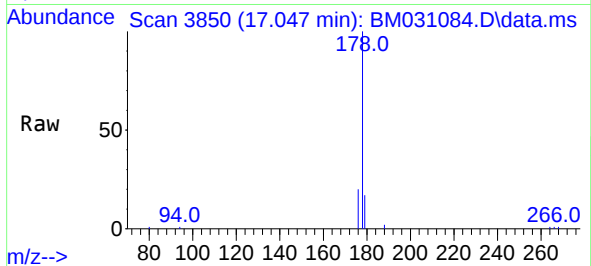




#15
Phenanthrene
Concen: 0.373 ng/ul
RT: 17.047 min Scan# 3850
Delta R.T. -0.004 min
Lab File: BM031084.D
Acq: 23 Jul 2021 09:22

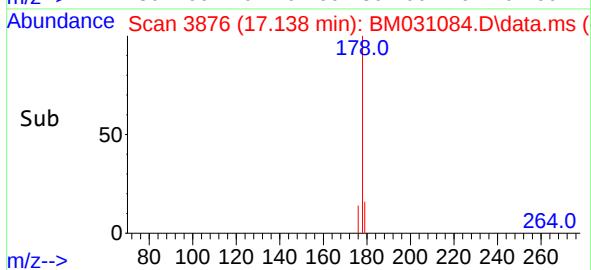
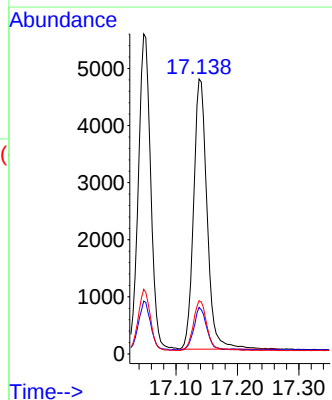
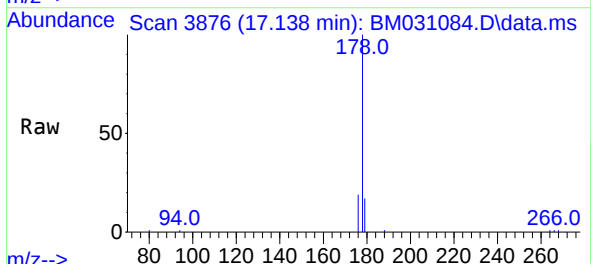
Instrument :
BNA_M
ClientSampleId :
SLCS652

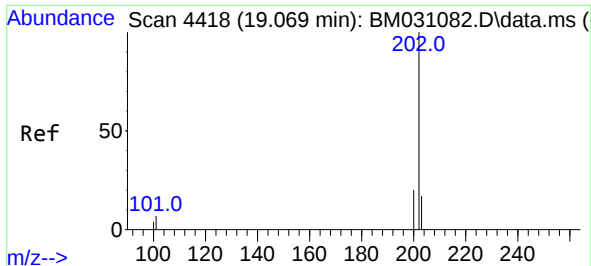
Tgt Ion:	178	Resp:	7756
Ion Ratio	Lower	Upper	
178	100		
179	16.5	13.3	19.9
176	20.2	15.4	23.2



#16
Anthracene
Concen: 0.369 ng/ul
RT: 17.138 min Scan# 3876
Delta R.T. -0.004 min
Lab File: BM031084.D
Acq: 23 Jul 2021 09:22

Tgt Ion:	178	Resp:	7205
Ion Ratio	Lower	Upper	
178	100		
179	16.9	13.8	20.8
176	19.4	15.7	23.5

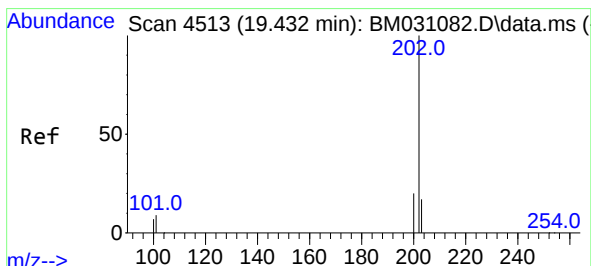
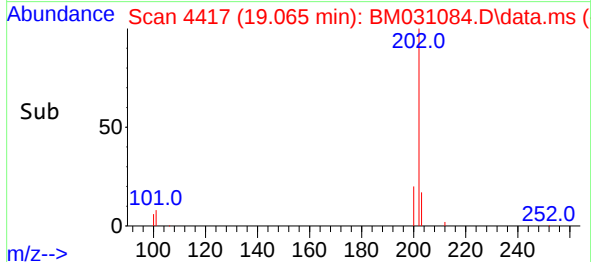
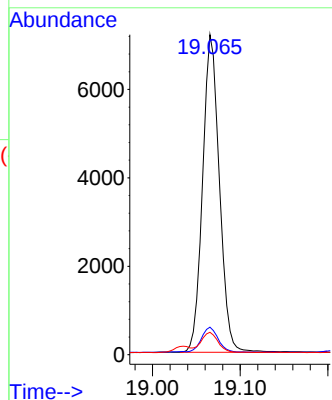
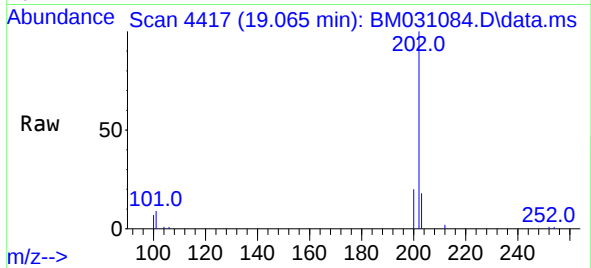




#19
Fluoranthene
Concen: 0.402 ng/ul
RT: 19.065 min Scan# 4417
Delta R.T. -0.004 min
Lab File: BM031084.D
Acq: 23 Jul 2021 09:22

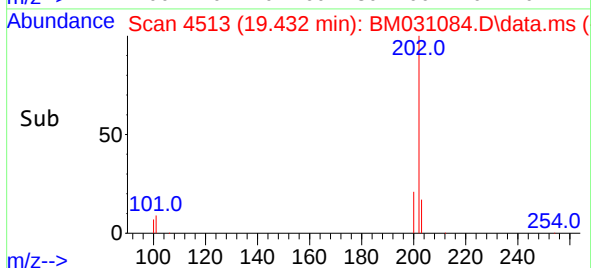
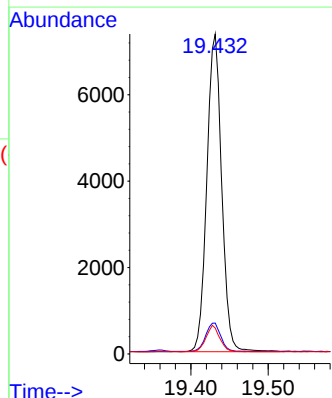
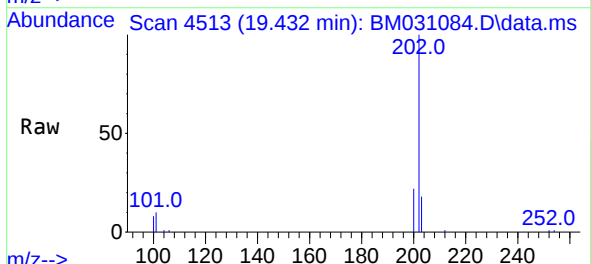
Instrument :
BNA_M
ClientSampleId :
SLCS652

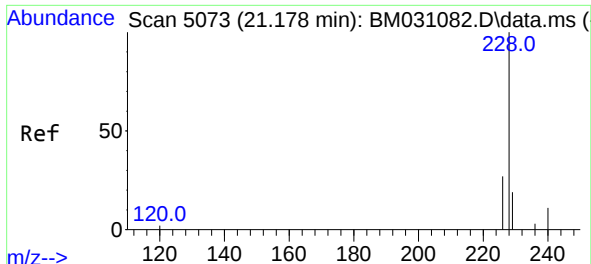
Tgt Ion:	202	Resp:	9553
Ion Ratio	Lower	Upper	
202	100		
101	8.6	6.0	9.0
100	7.0	4.8	7.2



#20
Pyrene
Concen: 0.404 ng/ul
RT: 19.432 min Scan# 4513
Delta R.T. -0.000 min
Lab File: BM031084.D
Acq: 23 Jul 2021 09:22

Tgt Ion:	202	Resp:	9795
Ion Ratio	Lower	Upper	
202	100		
101	9.7	7.4	11.0
100	8.1	6.0	9.0

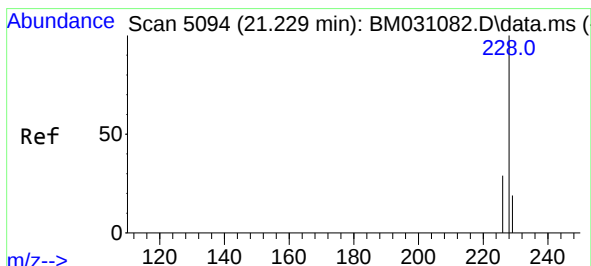
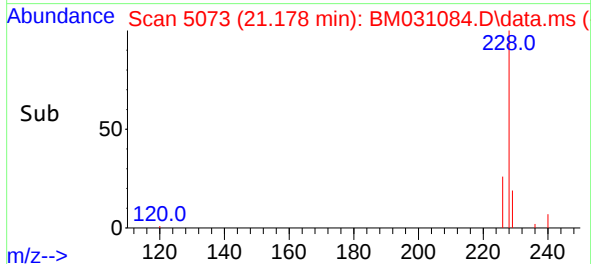
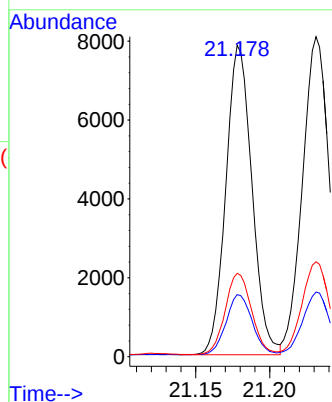
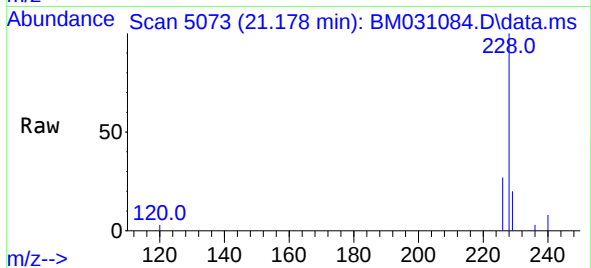




#21
Benzo(a)anthracene
Concen: 0.408 ng/ul
RT: 21.178 min Scan# 5073
Delta R.T. -0.005 min
Lab File: BM031084.D
Acq: 23 Jul 2021 09:22

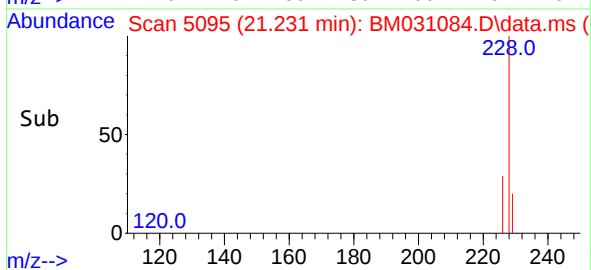
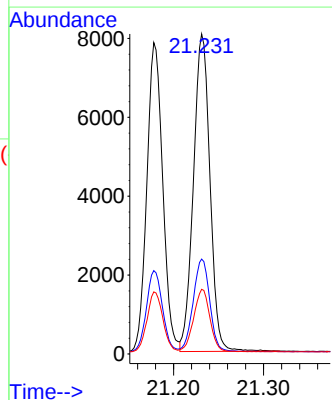
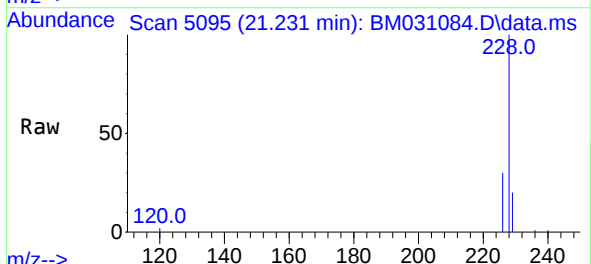
Instrument :
BNA_M
ClientSampleId :
SLCS652

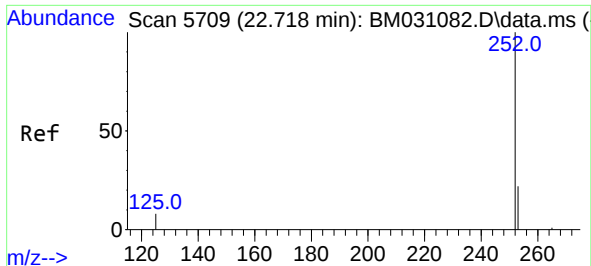
Tgt Ion:228	Resp:	9625
Ion Ratio	Lower	Upper
228	100	
229	19.9	16.0 24.0
226	26.8	21.4 32.2



#22
Chrysene
Concen: 0.402 ng/ul
RT: 21.231 min Scan# 5095
Delta R.T. -0.003 min
Lab File: BM031084.D
Acq: 23 Jul 2021 09:22

Tgt Ion:228	Resp:	10251
Ion Ratio	Lower	Upper
228	100	
226	29.7	24.5 36.7
229	20.2	15.8 23.8

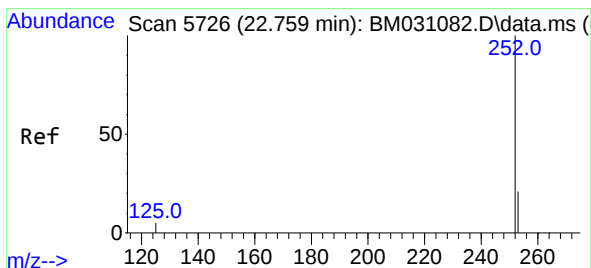
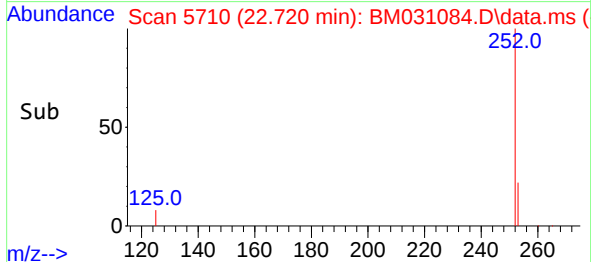
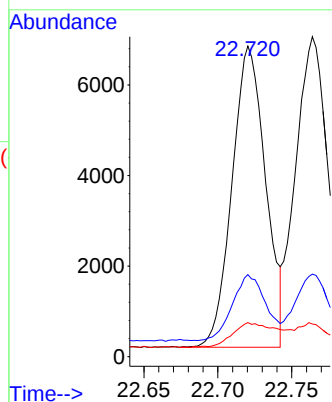
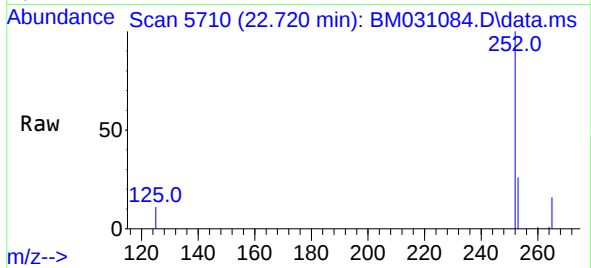




#24
Benzo(b)fluoranthene
Concen: 0.400 ng/ul
RT: 22.720 min Scan# 5710
Delta R.T. -0.005 min
Lab File: BM031084.D
Acq: 23 Jul 2021 09:22

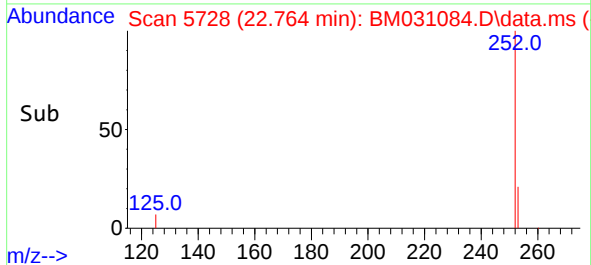
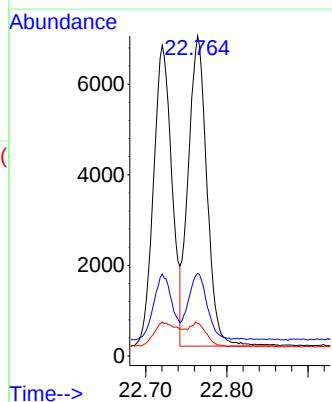
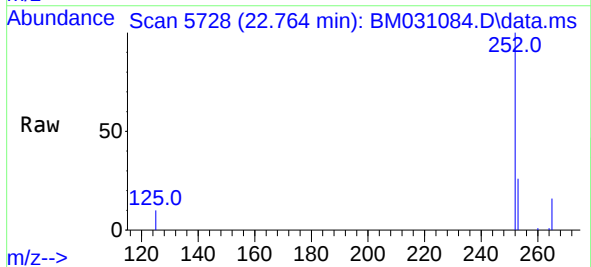
Instrument :
BNA_M
ClientSampleId :
SLCS652

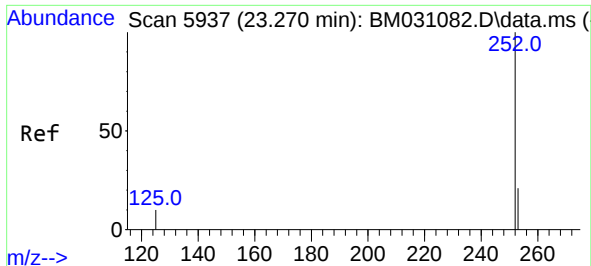
Tgt Ion:252 Resp: 10477
Ion Ratio Lower Upper
252 100
253 26.4 0.0 52.8
125 11.0 0.0 20.2



#25
Benzo(k)fluoranthene
Concen: 0.412 ng/ul
RT: 22.764 min Scan# 5728
Delta R.T. -0.005 min
Lab File: BM031084.D
Acq: 23 Jul 2021 09:22

Tgt Ion:252 Resp: 10931
Ion Ratio Lower Upper
252 100
253 25.8 21.6 32.4
125 10.2 8.6 13.0

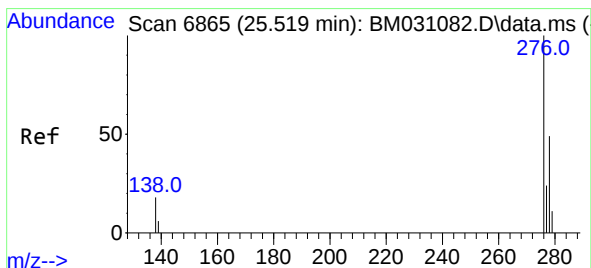
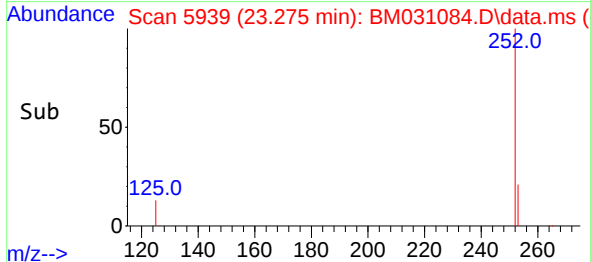
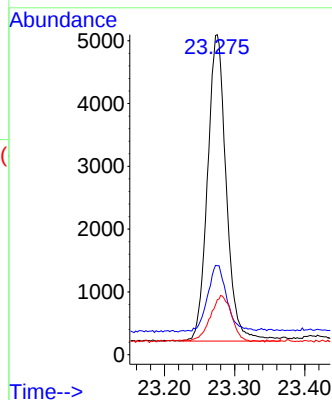
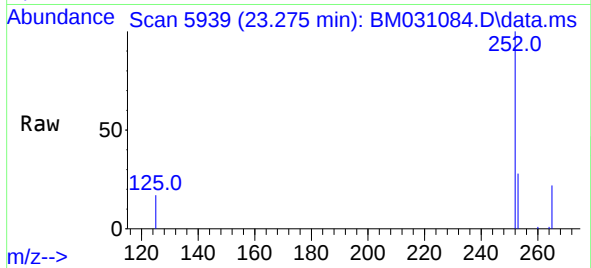




#26
Benzo(a)pyrene
Concen: 0.401 ng/ul
RT: 23.275 min Scan# 5939
Delta R.T. -0.005 min
Lab File: BM031084.D
Acq: 23 Jul 2021 09:22

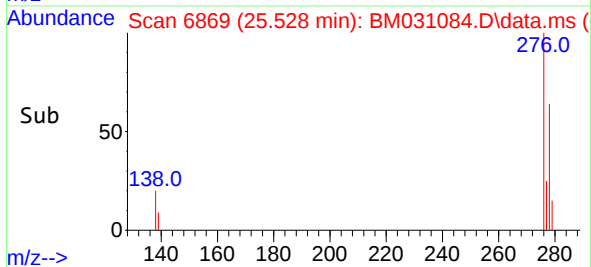
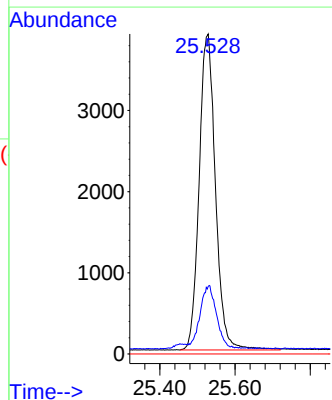
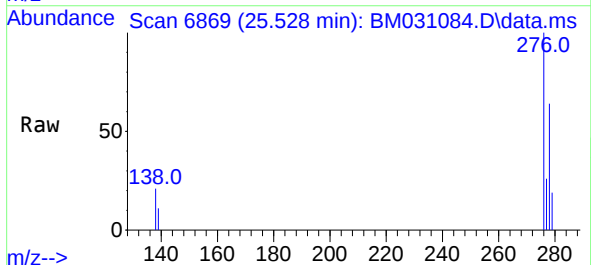
Instrument :
BNA_M
ClientSampleId :
SLCS652

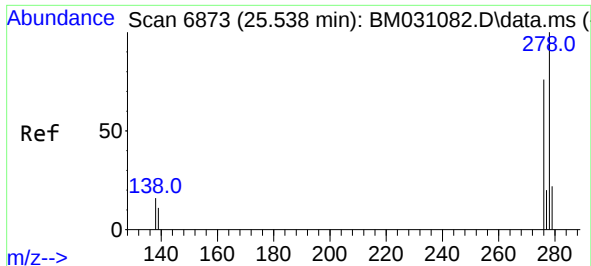
Tgt Ion:252	Resp:	9077
Ion Ratio	Lower	Upper
252	100	
253	27.8	23.1 34.7
125	17.1	10.7 16.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.396 ng/ul
RT: 25.528 min Scan# 6869
Delta R.T. -0.007 min
Lab File: BM031084.D
Acq: 23 Jul 2021 09:22

Tgt Ion:276	Resp:	11724
Ion Ratio	Lower	Upper
276	100	
138	20.1	15.4 23.0
227	0.0	0.0 0.0

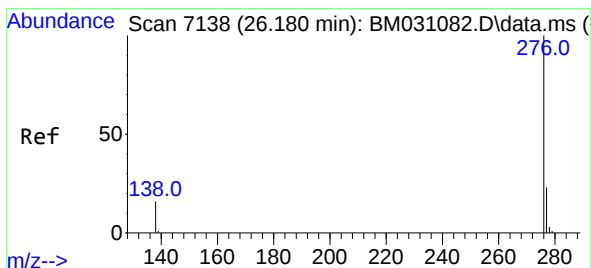
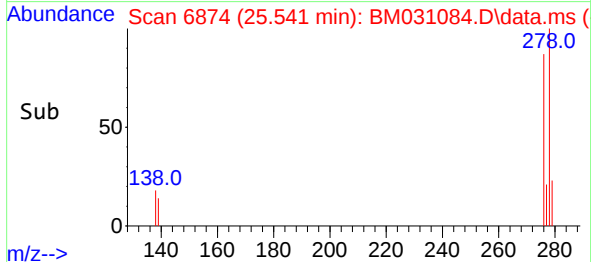
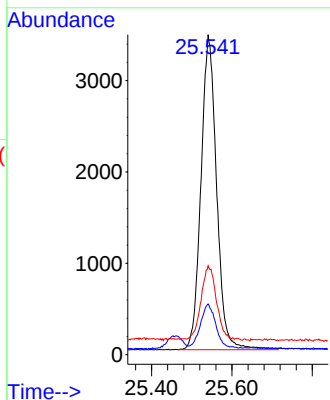
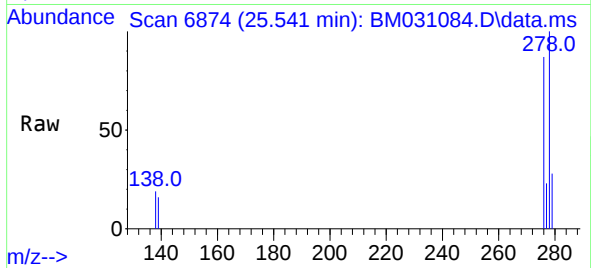




#28
Dibenzo(a,h)anthracene
Concen: 0.392 ng/ul
RT: 25.541 min Scan# 6874
Delta R.T. -0.010 min
Lab File: BM031084.D
Acq: 23 Jul 2021 09:22

Instrument :
BNA_M
ClientSampleId :
SLCS652

Tgt Ion:278 Resp: 9312
Ion Ratio Lower Upper
278 100
139 15.8 12.6 18.8
279 27.8 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.395 ng/ul
RT: 26.185 min Scan# 7140
Delta R.T. -0.007 min
Lab File: BM031084.D
Acq: 23 Jul 2021 09:22

Tgt Ion:276 Resp: 9928
Ion Ratio Lower Upper
276 100
138 18.4 14.0 21.0
277 24.5 19.9 29.9

