

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111321\
 Data File : BM033056.D
 Acq On : 14 Nov 2021 00:13
 Operator : CG/JU
 Sample : PB140459BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS459

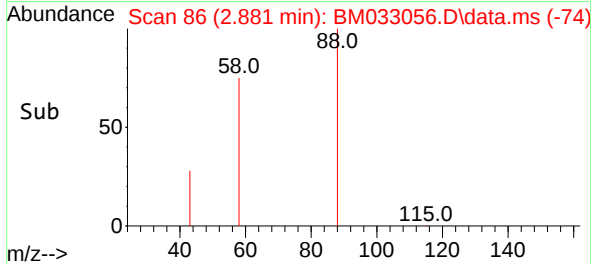
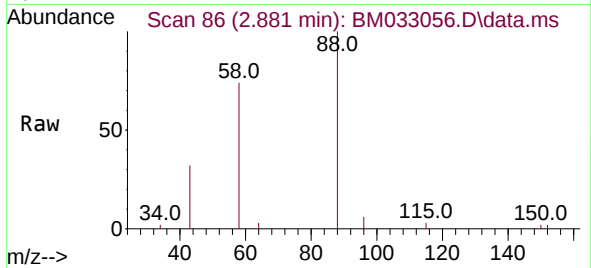
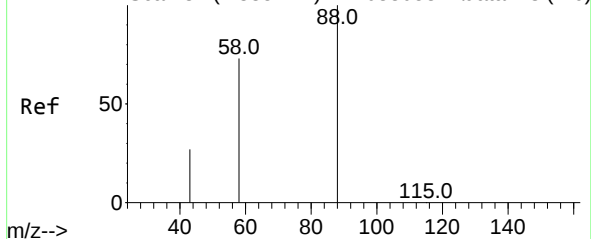
Quant Time: Nov 15 03:27:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:11:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	1907	0.400	ng/ul	0.00
4) Naphthalene-d8	10.208	136	7534	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.095	164	4603	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.838	188	8960	0.400	ng/ul	0.00
17) Chrysene-d12	21.033	240	5737	0.400	ng/ul	0.00
23) Perylene-d12	23.137	264	4825	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.850	96	1431	0.588	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.804	152	3375	0.315	ng/ul	0.00
18) Fluoranthene-d10	18.873	212	6513	0.374	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.881	88	4023	1.609	ng/ul#	90
5) Naphthalene	10.257	128	6497	0.297	ng/ul	99
7) 2-Methylnaphthalene	11.881	142	4469	0.295	ng/ul	99
8) 1-Methylnaphthalene	12.106	142	4305	0.290	ng/ul	99
10) Acenaphthylene	13.810	152	5831	0.291	ng/ul	98
11) Acenaphthene	14.155	153	5084	0.291	ng/ul	98
12) Fluorene	15.149	166	5639	0.274	ng/ul	99
14) Pentachlorophenol	16.511	266	1241	0.532	ng/ul	97
15) Phenanthrene	16.879	178	8426	0.283	ng/ul	99
16) Anthracene	16.973	178	7148	0.273	ng/ul	99
19) Fluoranthene	18.904	202	9084	0.338	ng/ul	100
20) Pyrene	19.266	202	9209	0.329	ng/ul	99
21) Benzo(a)anthracene	21.018	228	6251	0.295	ng/ul	98
22) Chrysene	21.069	228	7168	0.300	ng/ul	99
24) Benzo(b)fluoranthene	22.517	252	6244	0.282	ng/ul	89
25) Benzo(k)fluoranthene	22.555	252	6809	0.287	ng/ul#	88
26) Benzo(a)pyrene	23.047	252	5383	0.295	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.194	276	7055	0.336	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.201	278	5697	0.343	ng/ul#	93
29) Benzo(g,h,i)perylene	25.824	276	6460	0.355	ng/ul	99

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

Abundance Scan 87 (2.885 min): BM033053.D\data.ms (-76)



#2

1,4-Dioxane

Concen: 1.609 ng/ul

RT: 2.881 min Scan# 8

Delta R.T. -0.007 min

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Instrument :

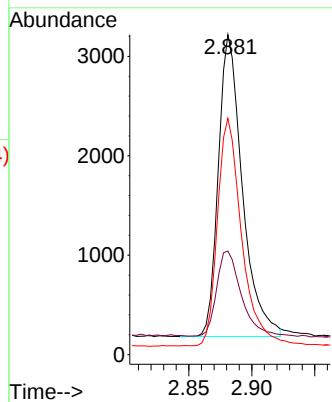
BNA_M

ClientSampleId :

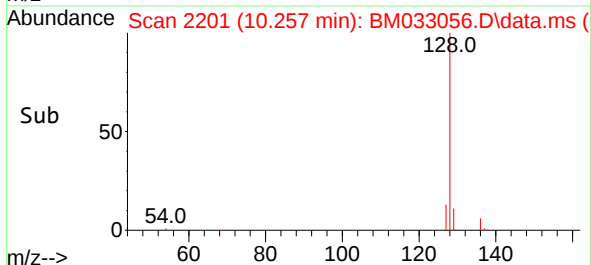
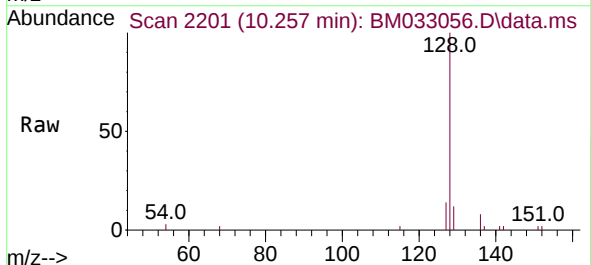
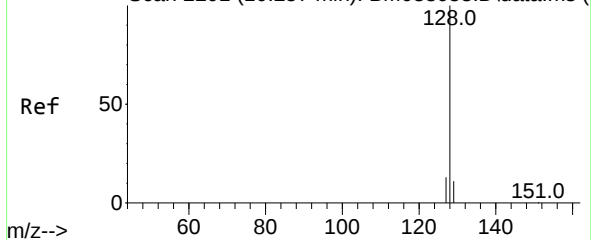
SLCS459

Tgt Ion: 88 Resp: 4023

Ion	Ratio	Lower	Upper
88	100		
43	32.4	35.8	53.8#
58	73.9	55.8	83.8



Abundance Scan 2201 (10.257 min): BM033053.D\data.ms (-74)



#5

Naphthalene

Concen: 0.297 ng/ul

RT: 10.257 min Scan# 2201

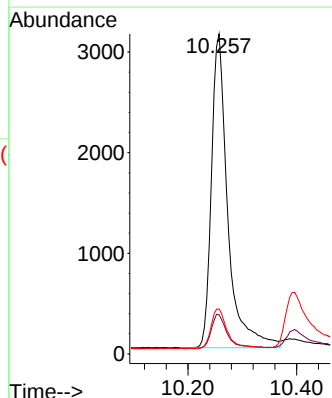
Delta R.T. -0.000 min

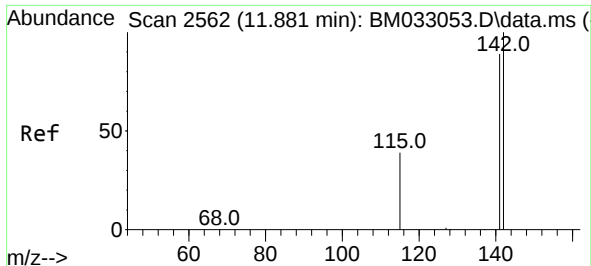
Lab File: BM033056.D

Acq: 14 Nov 2021 00:13

Tgt Ion: 128 Resp: 6497

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.8	14.6
127	14.1	11.8	17.8

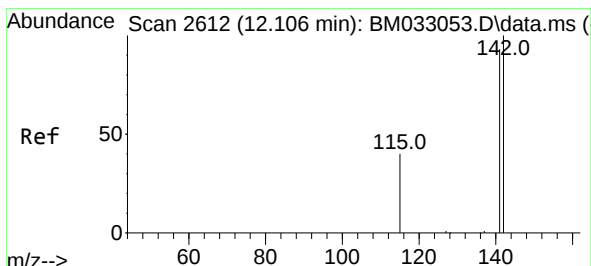
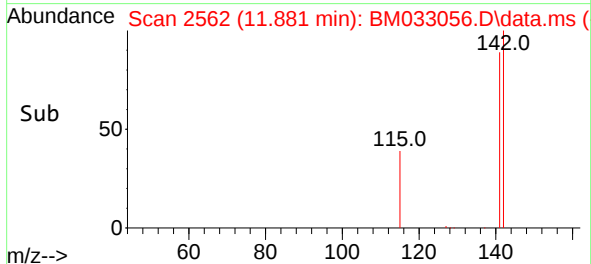
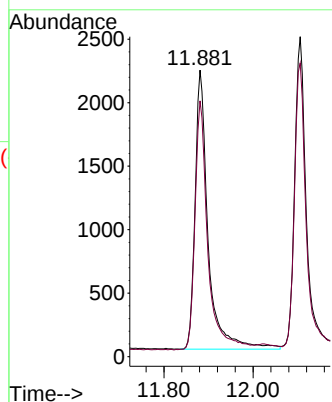
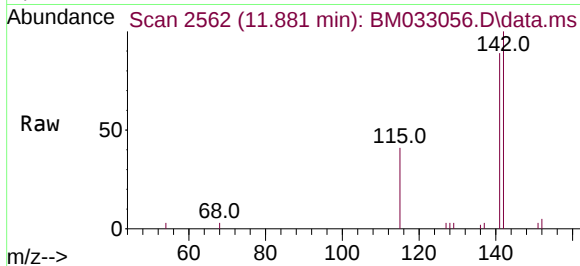




#7
2-Methylnaphthalene
Concen: 0.295 ng/ul
RT: 11.881 min Scan# 2562
Delta R.T. -0.005 min
Lab File: BM033056.D
Acq: 14 Nov 2021 00:13

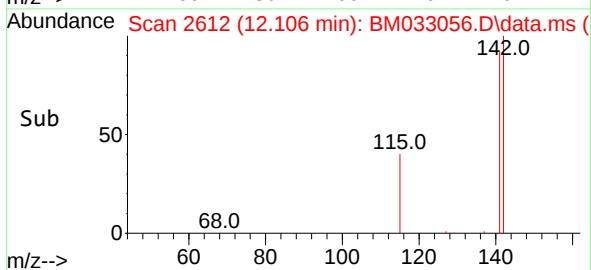
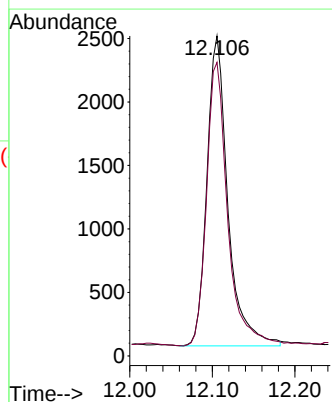
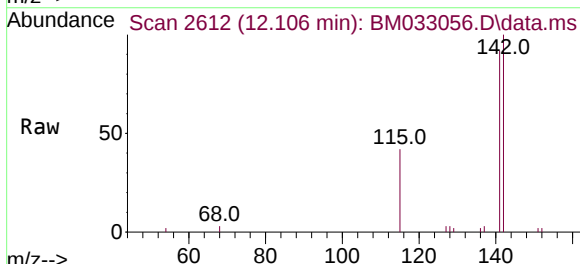
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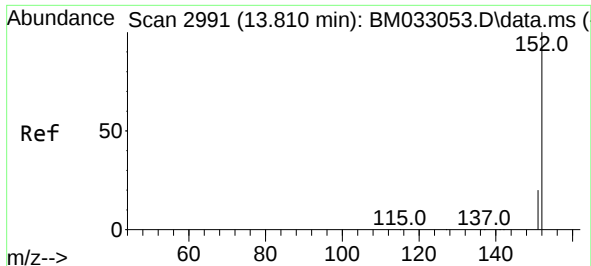
Tgt Ion:142 Resp: 4469
Ion Ratio Lower Upper
142 100
141 91.0 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.290 ng/ul
RT: 12.106 min Scan# 2612
Delta R.T. -0.000 min
Lab File: BM033056.D
Acq: 14 Nov 2021 00:13

Tgt Ion:142 Resp: 4305
Ion Ratio Lower Upper
142 100
141 92.3 74.5 111.7

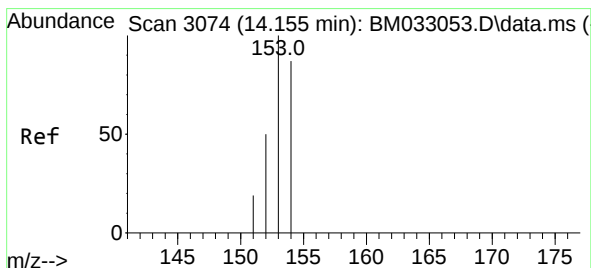
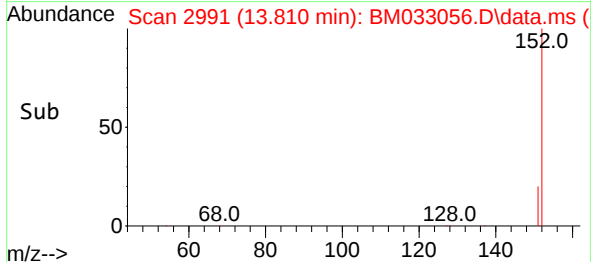
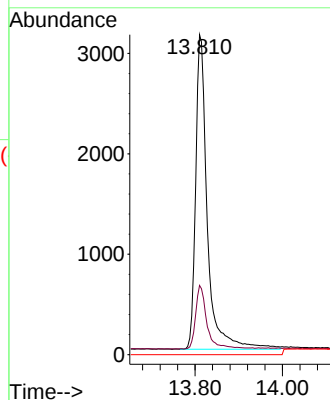
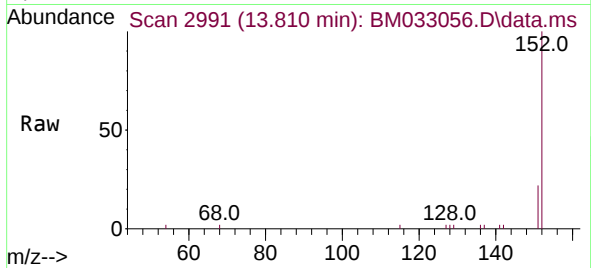




#10
Acenaphthylene
Concen: 0.291 ng/ul
RT: 13.810 min Scan# 2991
Delta R.T. -0.005 min
Lab File: BM033056.D
Acq: 14 Nov 2021 00:13

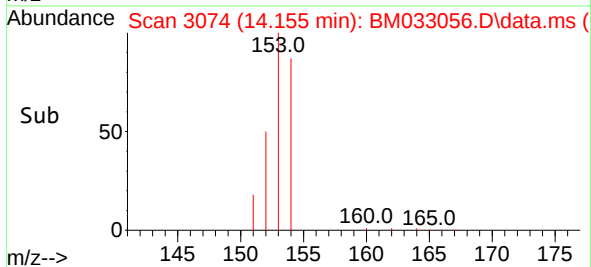
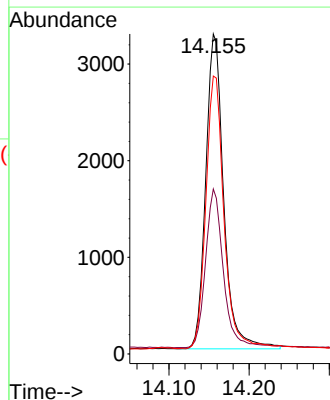
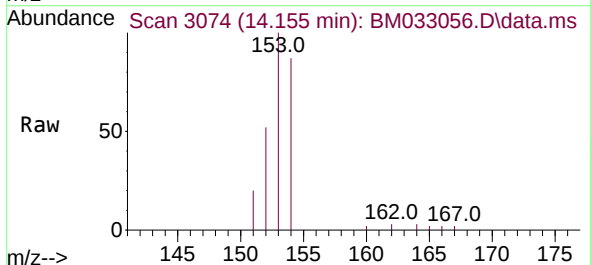
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BNA_M
ClientSampleId :
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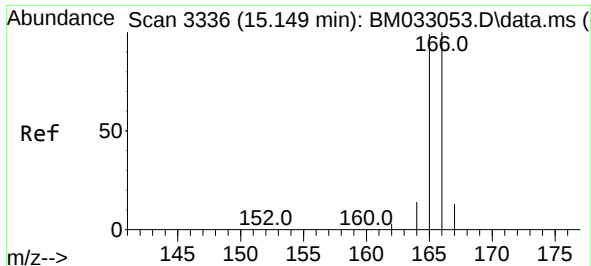
Tgt Ion:152 Resp: 5831
Ion Ratio Lower Upper
152 100
151 21.6 16.7 25.1
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.291 ng/ul
RT: 14.155 min Scan# 3074
Delta R.T. -0.004 min
Lab File: BM033056.D
Acq: 14 Nov 2021 00:13

Tgt Ion:153 Resp: 5084
Ion Ratio Lower Upper
153 100
152 51.5 40.6 60.8
154 86.8 70.8 106.2

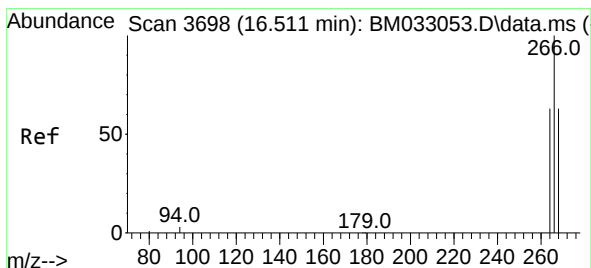
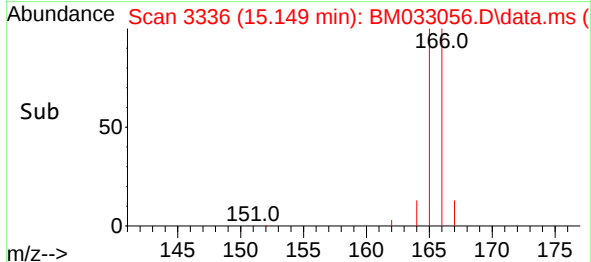
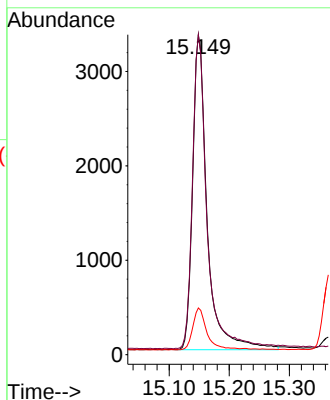
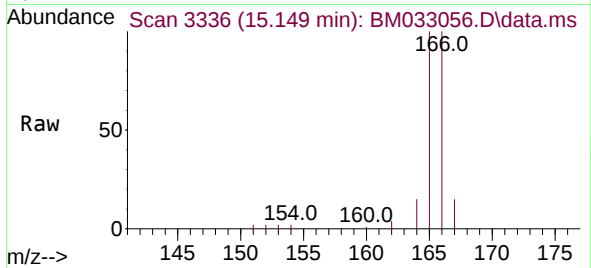




#12
Fluorene
Concen: 0.274 ng/ul
RT: 15.149 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM033056.D
Acq: 14 Nov 2021 00:13

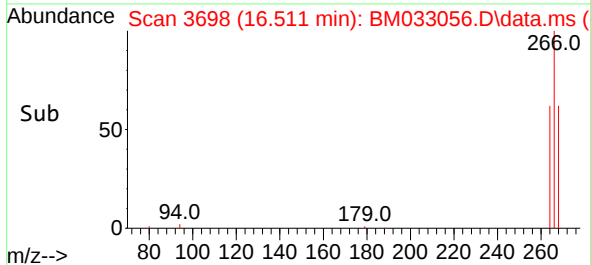
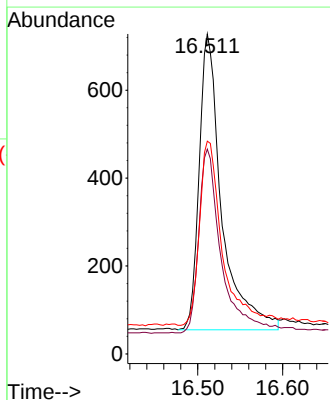
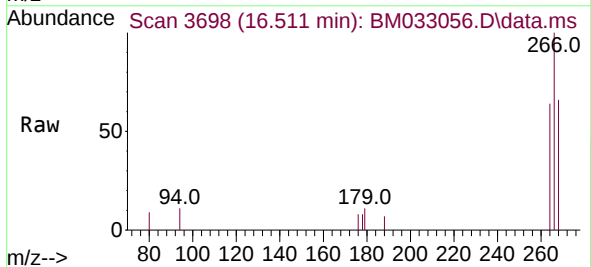
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ClientSampleId :
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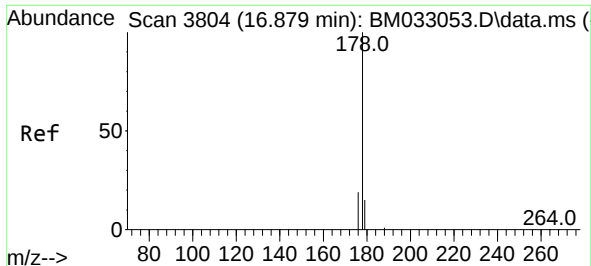
Tgt Ion:166 Resp: 5639
Ion Ratio Lower Upper
166 100
165 100.1 80.8 121.2
167 14.6 11.7 17.5



#14
Pentachlorophenol
Concen: 0.532 ng/ul
RT: 16.511 min Scan# 3698
Delta R.T. -0.000 min
Lab File: BM033056.D
Acq: 14 Nov 2021 00:13

Tgt Ion:266 Resp: 1241
Ion Ratio Lower Upper
266 100
264 61.9 51.2 76.8
268 64.1 52.9 79.3

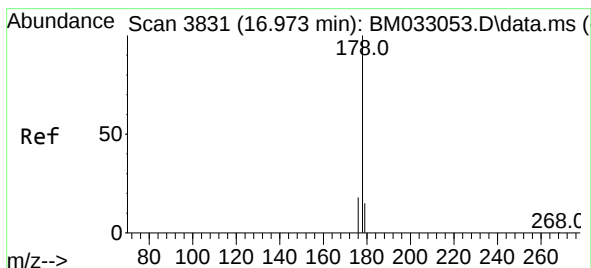
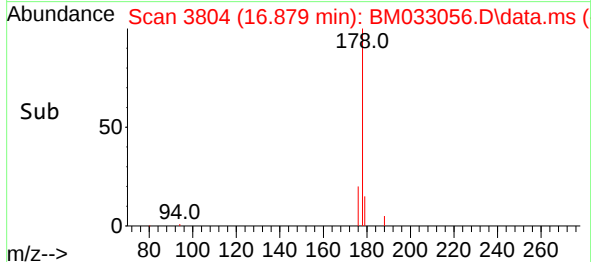
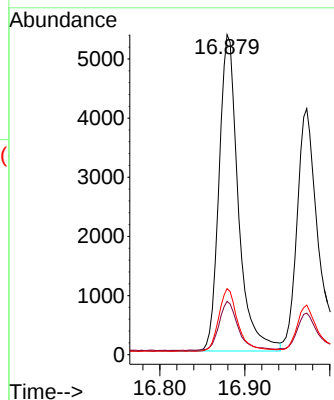
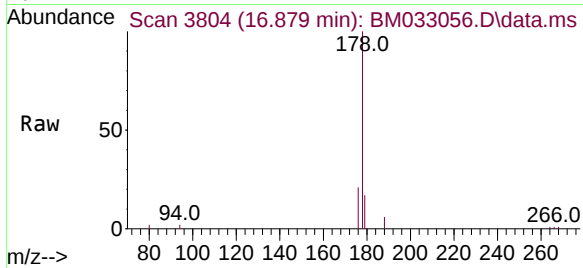




#15
Phenanthrene
Concen: 0.283 ng/ul
RT: 16.879 min Scan# 3804
Delta R.T. -0.004 min
Lab File: BM033056.D
Acq: 14 Nov 2021 00:13

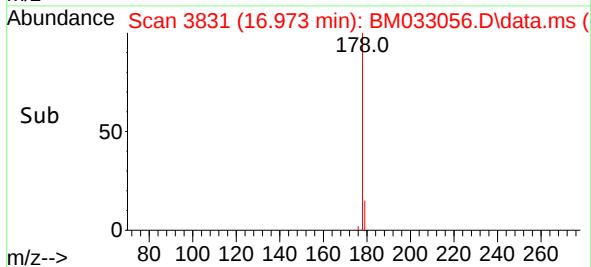
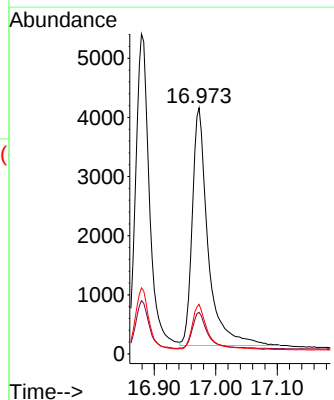
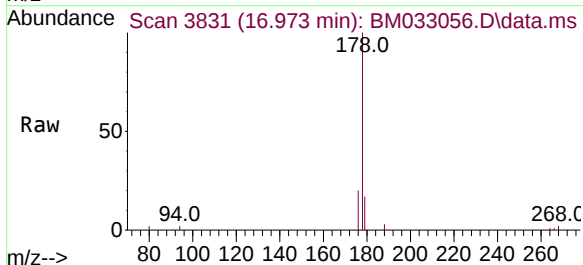
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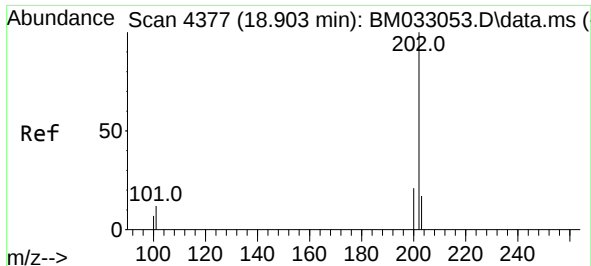
Tgt Ion:178 Resp: 8426
Ion Ratio Lower Upper
178 100
179 16.6 12.9 19.3
176 20.7 16.0 24.0



#16
Anthracene
Concen: 0.273 ng/ul
RT: 16.973 min Scan# 3831
Delta R.T. -0.000 min
Lab File: BM033056.D
Acq: 14 Nov 2021 00:13

Tgt Ion:178 Resp: 7148
Ion Ratio Lower Upper
178 100
179 16.9 13.0 19.6
176 20.2 15.6 23.4

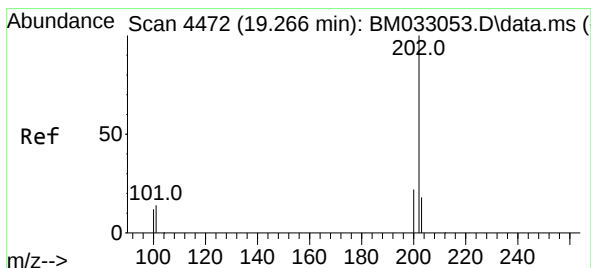
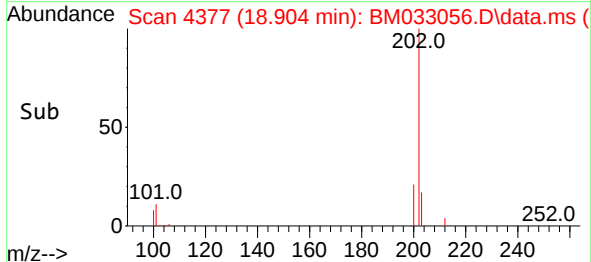
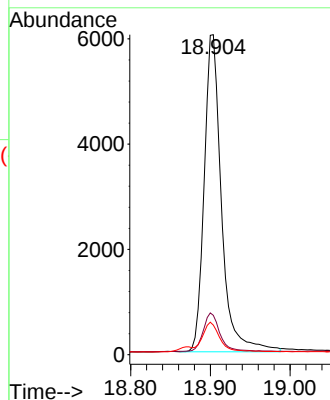
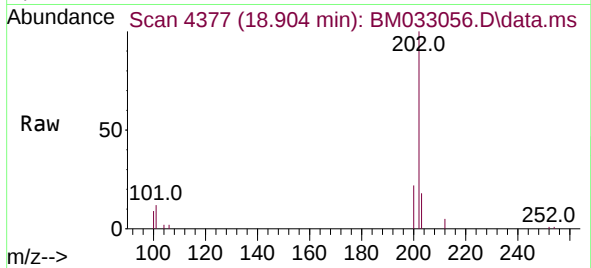




#19
Fluoranthene
Concen: 0.338 ng/ul
RT: 18.904 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM033056.D
Acq: 14 Nov 2021 00:13

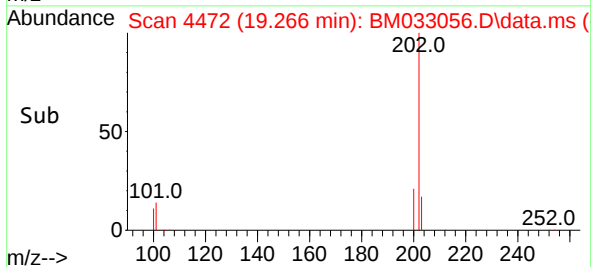
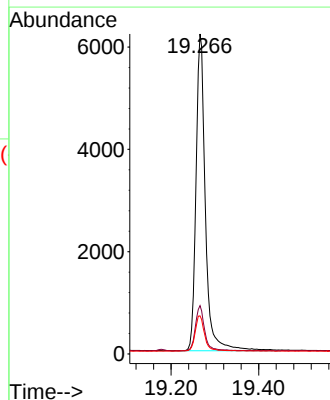
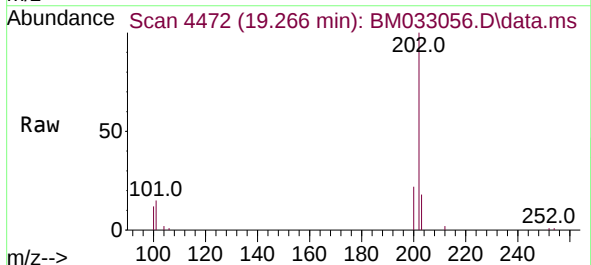
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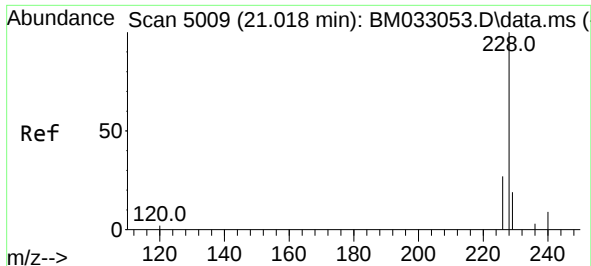
Tgt Ion:202 Resp: 9084
Ion Ratio Lower Upper
202 100
101 12.3 9.9 14.9
100 9.3 7.3 10.9



#20
Pyrene
Concen: 0.329 ng/ul
RT: 19.266 min Scan# 4472
Delta R.T. -0.004 min
Lab File: BM033056.D
Acq: 14 Nov 2021 00:13

Tgt Ion:202 Resp: 9209
Ion Ratio Lower Upper
202 100
101 15.1 11.8 17.6
100 11.9 9.5 14.3

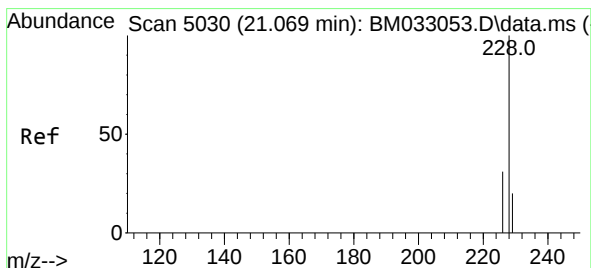
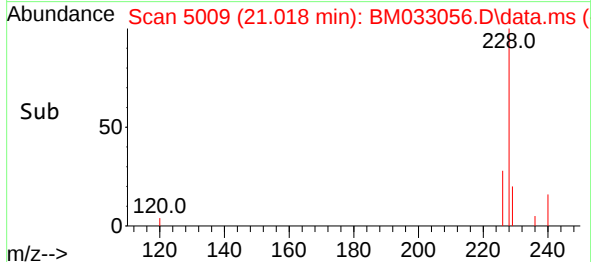
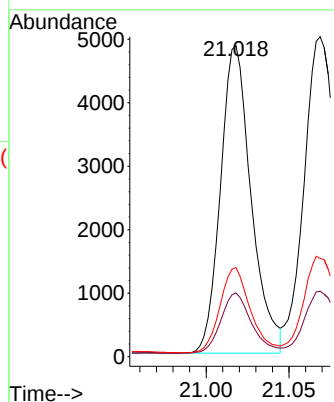
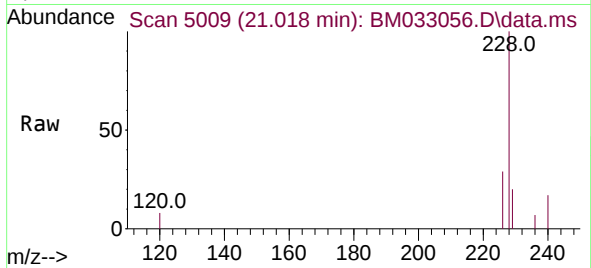




#21
Benzo(a)anthracene
Concen: 0.295 ng/ul
RT: 21.018 min Scan# 5009
Delta R.T. -0.003 min
Lab File: BM033056.D
Acq: 14 Nov 2021 00:13

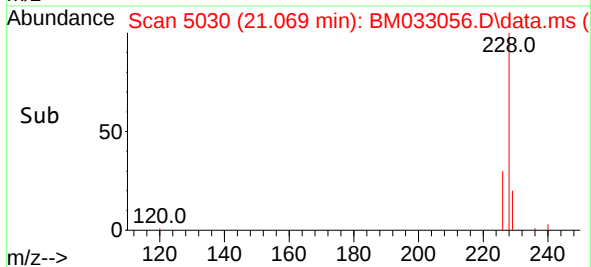
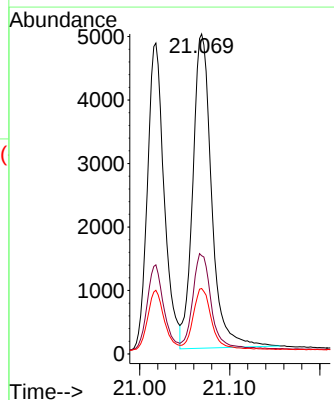
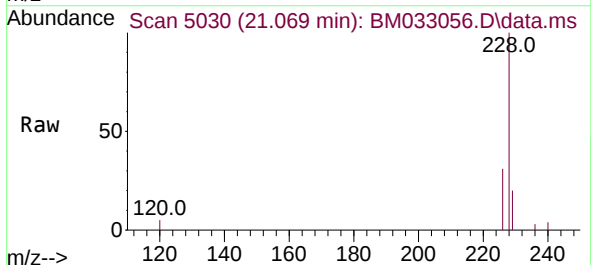
Instrument :
BNA_M
ClientSampleId :
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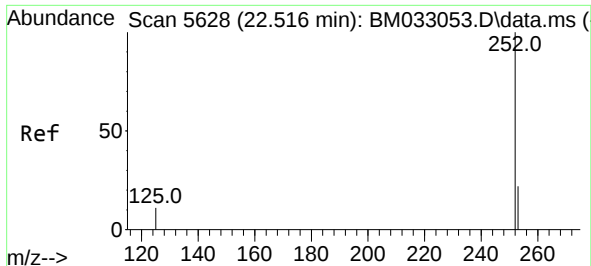
Tgt Ion:	228	Resp:	6251
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.7	23.5
226	28.7	22.4	33.6



#22
Chrysene
Concen: 0.300 ng/ul
RT: 21.069 min Scan# 5030
Delta R.T. -0.003 min
Lab File: BM033056.D
Acq: 14 Nov 2021 00:13

Tgt Ion:	228	Resp:	7168
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.9	37.3
229	20.5	16.1	24.1

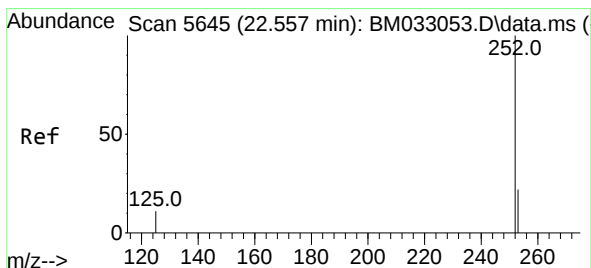
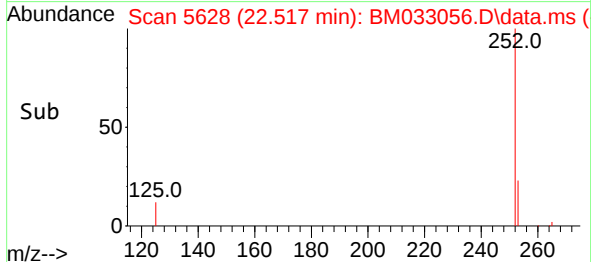
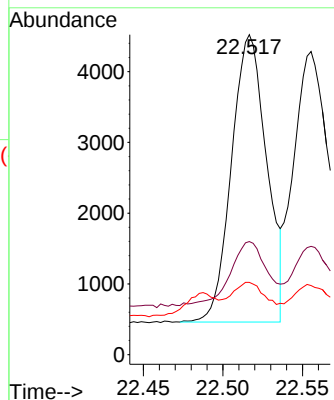
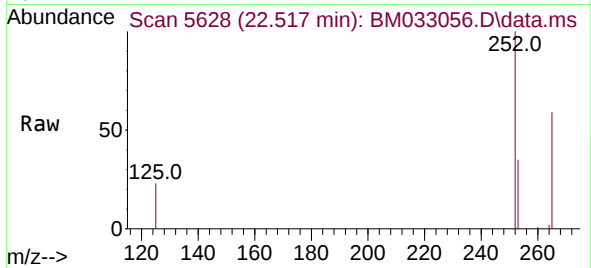




#24
Benzo(b)fluoranthene
Concen: 0.282 ng/ul
RT: 22.517 min Scan# 5628
Delta R.T. -0.003 min
Lab File: BM033056.D
Acq: 14 Nov 2021 00:13

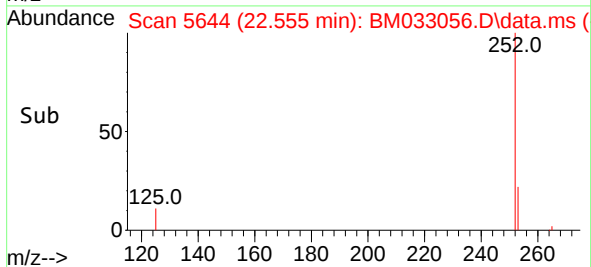
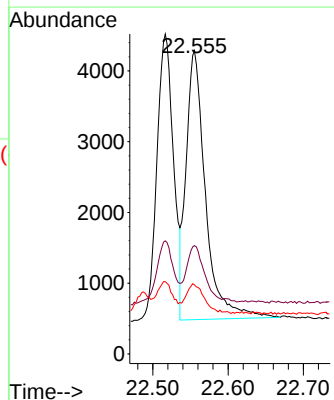
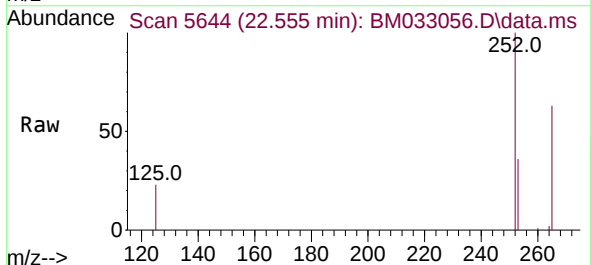
Instrument :
BNA_M
ClientSampleId :
SLCS459

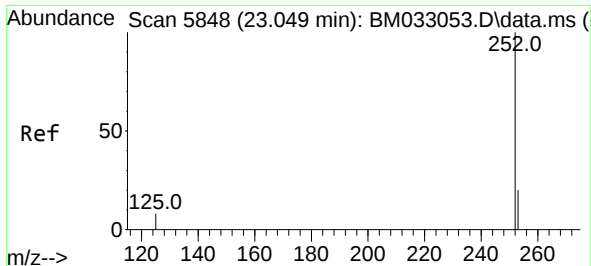
Tgt Ion:252 Resp: 6244
Ion Ratio Lower Upper
252 100
253 35.3 0.0 59.2
125 22.6 0.0 34.2



#25
Benzo(k)fluoranthene
Concen: 0.287 ng/ul
RT: 22.555 min Scan# 5644
Delta R.T. -0.005 min
Lab File: BM033056.D
Acq: 14 Nov 2021 00:13

Tgt Ion:252 Resp: 6809
Ion Ratio Lower Upper
252 100
253 35.7 23.1 34.7#
125 22.8 14.6 21.8#

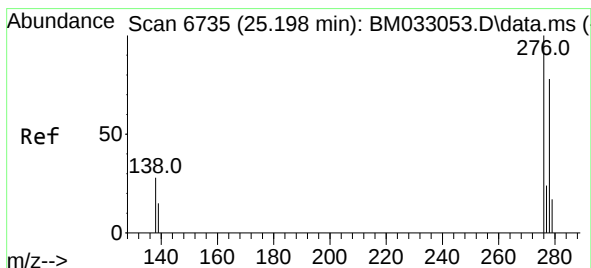
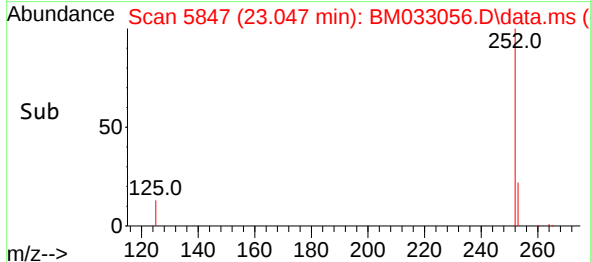
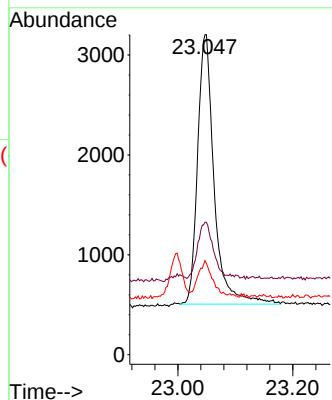
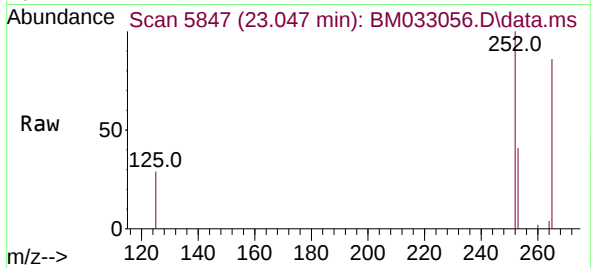




#26
Benzo(a)pyrene
Concen: 0.295 ng/ul
RT: 23.047 min Scan# 5847
Delta R.T. -0.005 min
Lab File: BM033056.D
Acq: 14 Nov 2021 00:13

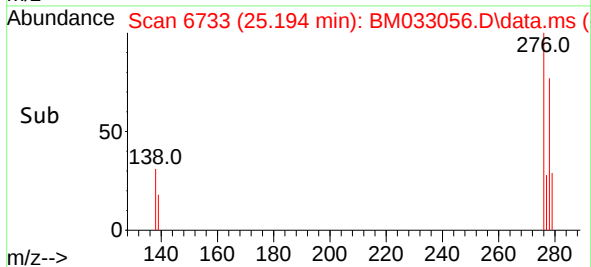
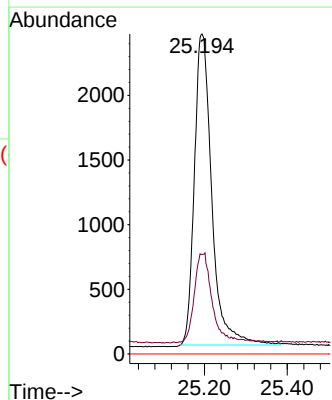
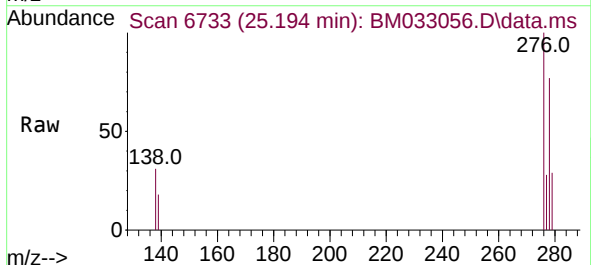
Instrument :
BNA_M
ClientSampleId :
SLCS459

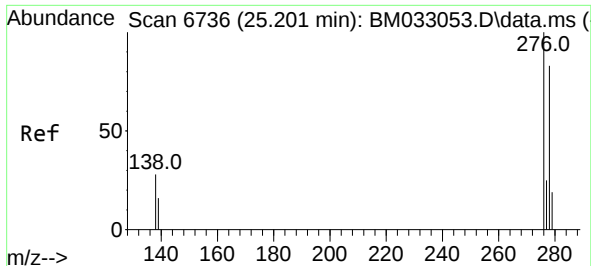
Tgt Ion:252 Resp: 5383
Ion Ratio Lower Upper
252 100
253 41.4 27.1 40.7#
125 29.4 17.4 26.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.336 ng/ul
RT: 25.194 min Scan# 6733
Delta R.T. -0.005 min
Lab File: BM033056.D
Acq: 14 Nov 2021 00:13

Tgt Ion:276 Resp: 7055
Ion Ratio Lower Upper
276 100
138 34.3 22.9 34.3
227 0.0 0.0 0.0

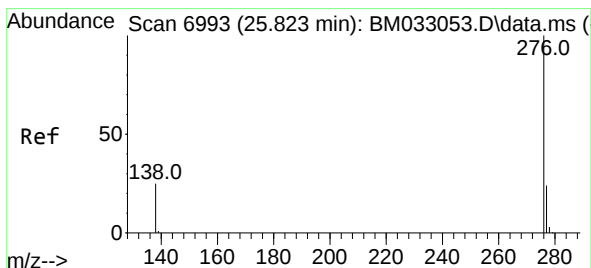
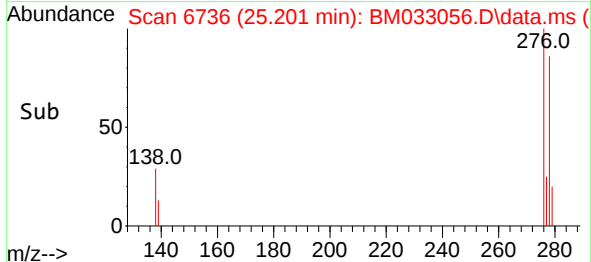
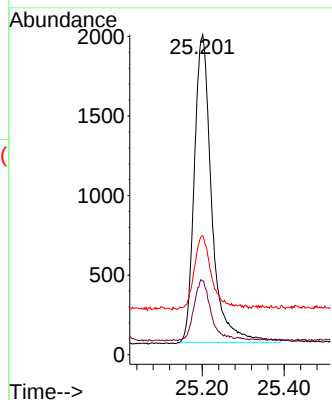
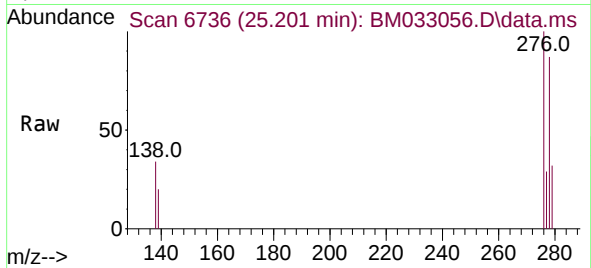




#28
Dibenzo(a,h)anthracene
Concen: 0.343 ng/ul
RT: 25.201 min Scan# 61
Delta R.T. -0.005 min
Lab File: BM033056.D
Acq: 14 Nov 2021 00:13

Instrument :
BNA_M
ClientSampleId :
SLCS459

Tgt Ion:278 Resp: 5697
Ion Ratio Lower Upper
278 100
139 23.0 18.2 27.2
279 37.1 24.6 36.8#



#29
Benzo(g,h,i)perylene
Concen: 0.355 ng/ul
RT: 25.824 min Scan# 6993
Delta R.T. -0.005 min
Lab File: BM033056.D
Acq: 14 Nov 2021 00:13

Tgt Ion:276 Resp: 6460
Ion Ratio Lower Upper
276 100
138 27.6 22.2 33.2
277 27.2 21.0 31.4

