

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
 Data File : BM044199.D
 Acq On : 20 Feb 2024 10:42
 Operator : MA/JU
 Sample : PB159067BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS067

Quant Time: Feb 20 12:29:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

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

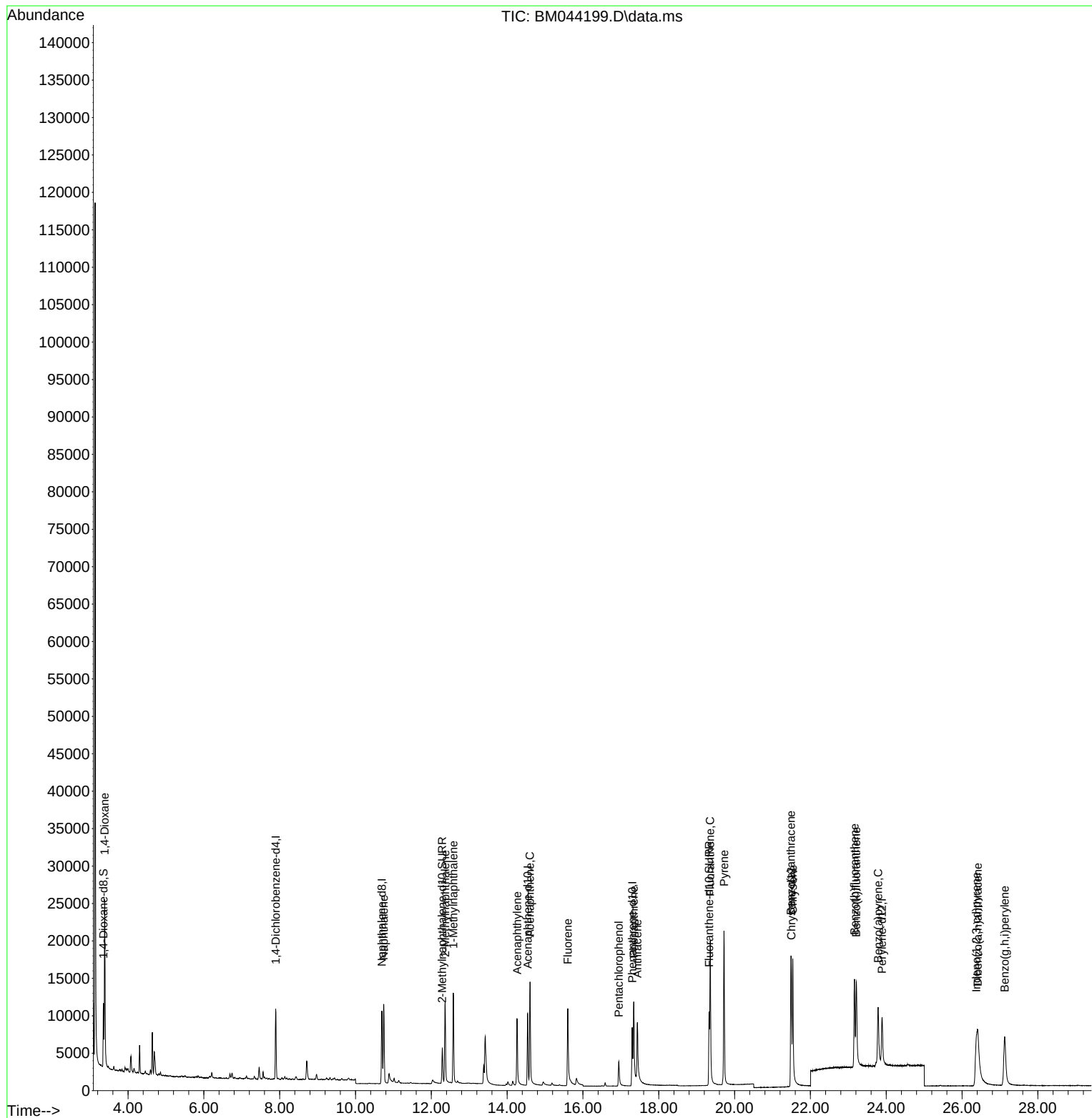
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	4888	0.400	ng/ul	0.00
4) Naphthalene-d8	10.693	136	13977	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.543	164	5960	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.300	188	12466	0.400	ng/ul	0.00
17) Chrysene-d12	21.500	240	9771	0.400	ng/ul	0.00
23) Perylene-d12	23.891	264	10651	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	5343	0.772	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	7076	0.362	ng/ul	-0.01
18) Fluoranthene-d10	19.331	212	12825	0.440	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.386	88	14131	2.042	ng/ul#	78
5) Naphthalene	10.743	128	15394	0.371	ng/ul	99
7) 2-Methylnaphthalene	12.365	142	8922	0.348	ng/ul	98
8) 1-Methylnaphthalene	12.580	142	9115	0.352	ng/ul	100
10) Acenaphthylene	14.265	152	13088	0.400	ng/ul	99
11) Acenaphthene	14.603	153	9191	0.387	ng/ul	99
12) Fluorene	15.602	166	9665	0.361	ng/ul	98
14) Pentachlorophenol	16.946	266	3201	0.717	ng/ul	98
15) Phenanthrene	17.343	178	15051	0.381	ng/ul	99
16) Anthracene	17.436	178	15857	0.406	ng/ul	99
19) Fluoranthene	19.359	202	18777	0.422	ng/ul	99
20) Pyrene	19.721	202	19599	0.418	ng/ul	97
21) Benzo(a)anthracene	21.485	228	15328	0.343	ng/ul	99
22) Chrysene	21.535	228	19908	0.413	ng/ul	99
24) Benzo(b)fluoranthene	23.163	252	17297	0.394	ng/ul	96
25) Benzo(k)fluoranthene	23.212	252	19822	0.415	ng/ul	97
26) Benzo(a)pyrene	23.785	252	16044	0.393	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.376	276	19480	0.374	ng/ul	100
28) Dibenzo(a,h)anthracene	26.417	278	15203	0.371	ng/ul	95
29) Benzo(g,h,i)perylene	27.124	276	17613	0.383	ng/ul	98

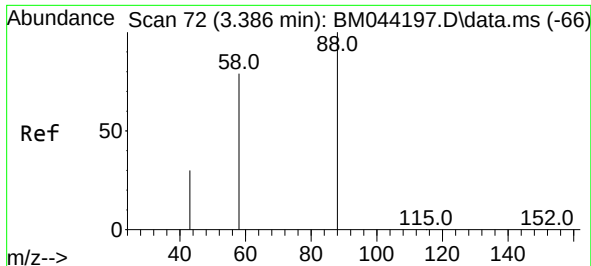
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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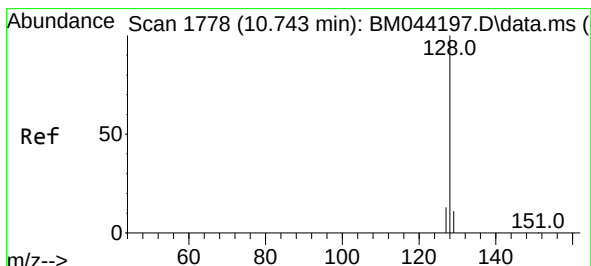
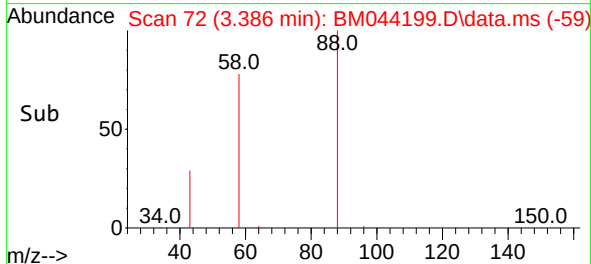
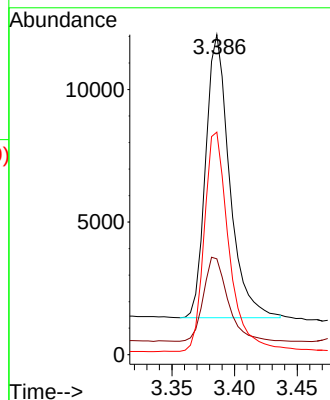
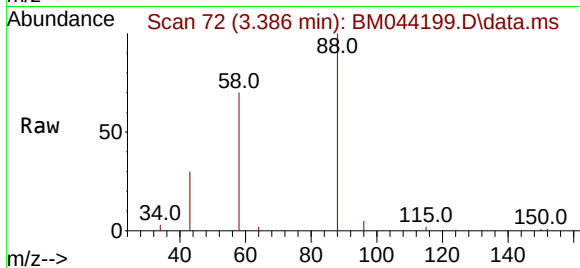




#2
1,4-Dioxane
Concen: 2.042 ng/ul
RT: 3.386 min Scan# 72
Delta R.T. -0.004 min
Lab File: BM044199.D
Acq: 20 Feb 2024 10:42

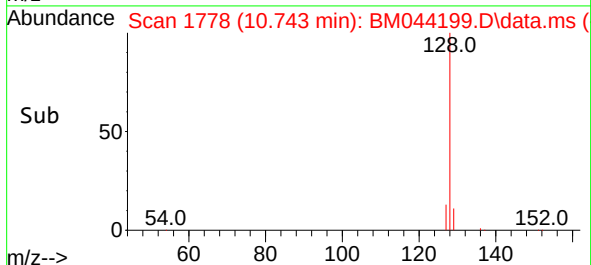
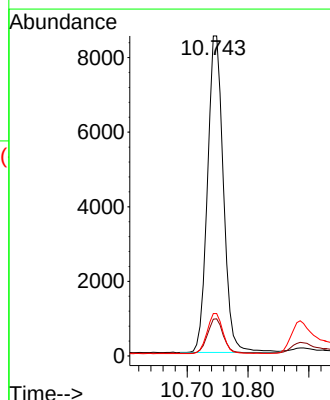
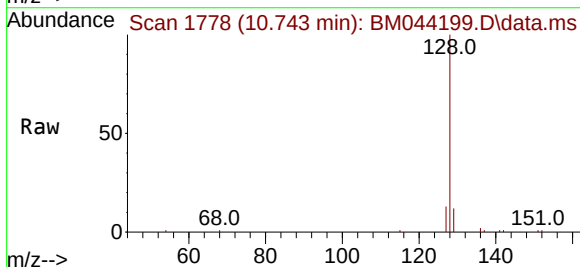
Instrument :
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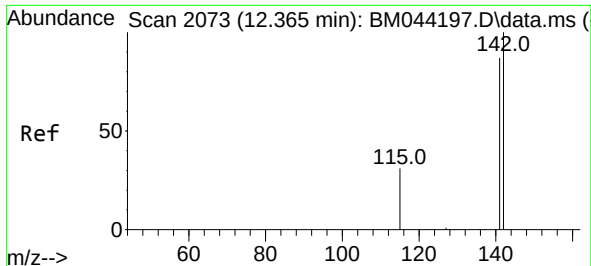
Tgt Ion: 88 Resp: 14131
Ion Ratio Lower Upper
88 100
43 30.0 32.2 48.2#
58 69.6 40.6 60.8#



#5
Naphthalene
Concen: 0.371 ng/ul
RT: 10.743 min Scan# 1778
Delta R.T. -0.011 min
Lab File: BM044199.D
Acq: 20 Feb 2024 10:42

Tgt Ion: 128 Resp: 15394
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.3 10.7 16.1

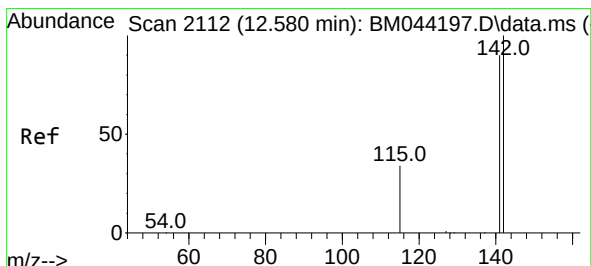
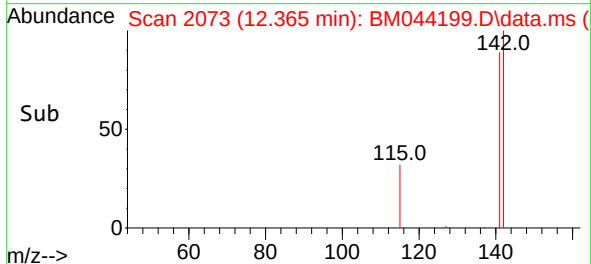
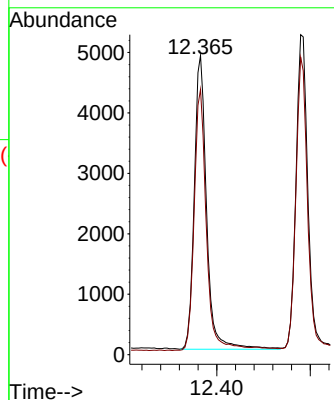
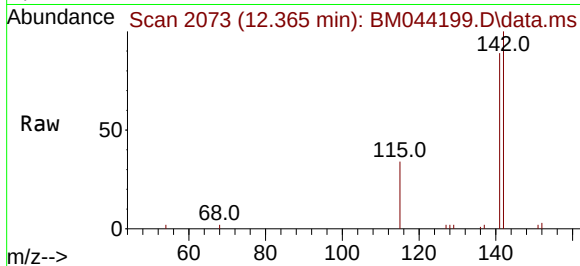




#7
2-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BM044199.D
Acq: 20 Feb 2024 10:42

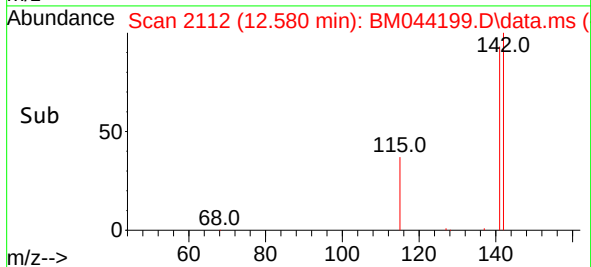
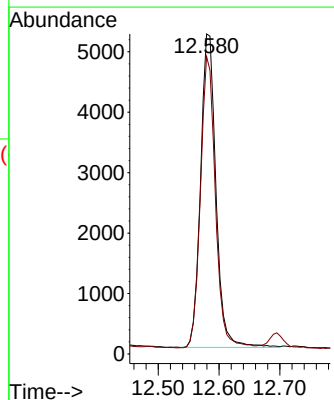
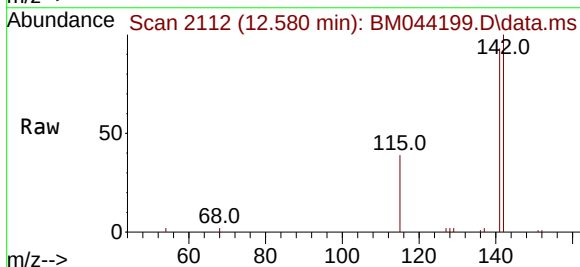
Instrument :
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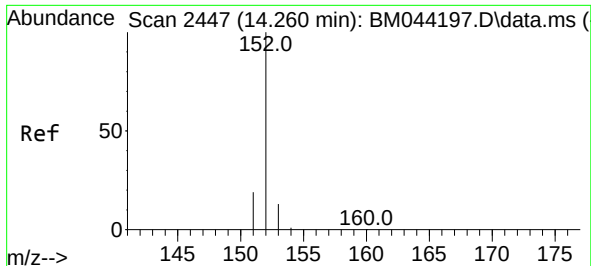
Tgt Ion:142 Resp: 8922
Ion Ratio Lower Upper
142 100
141 89.3 70.0 105.0



#8
1-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. -0.011 min
Lab File: BM044199.D
Acq: 20 Feb 2024 10:42

Tgt Ion:142 Resp: 9115
Ion Ratio Lower Upper
142 100
141 90.6 72.5 108.7

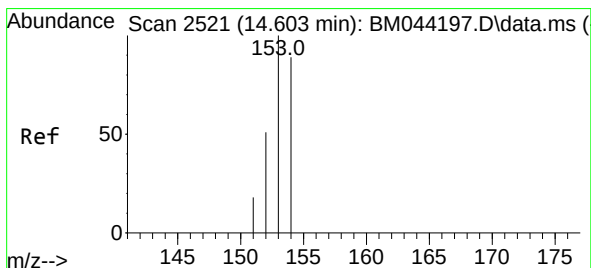
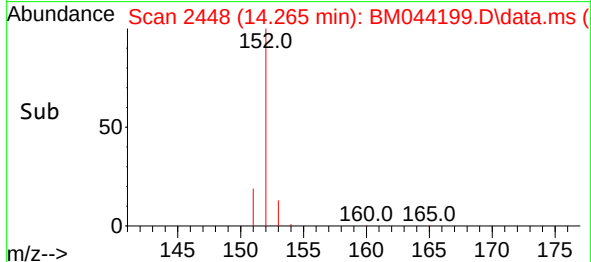
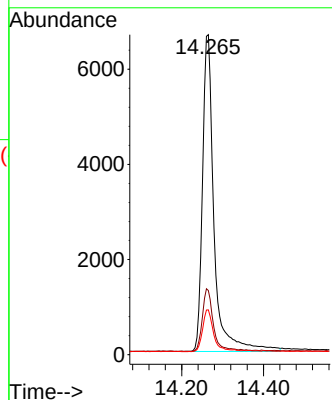
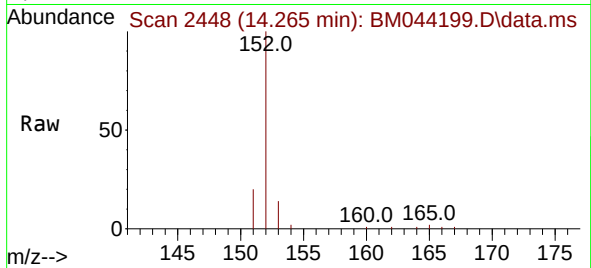




#10
Acenaphthylene
Concen: 0.400 ng/ul
RT: 14.265 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BM044199.D
Acq: 20 Feb 2024 10:42

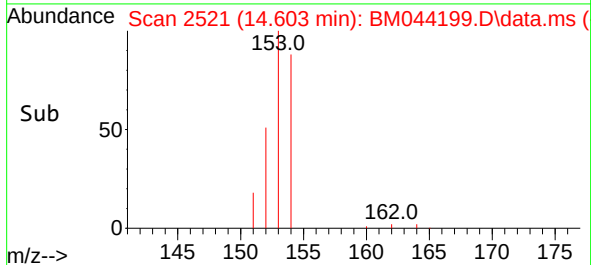
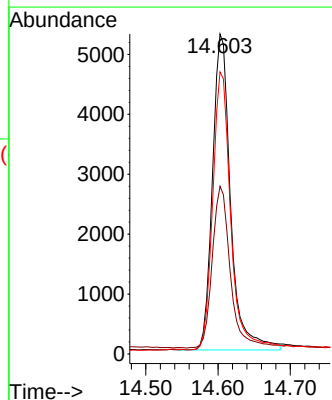
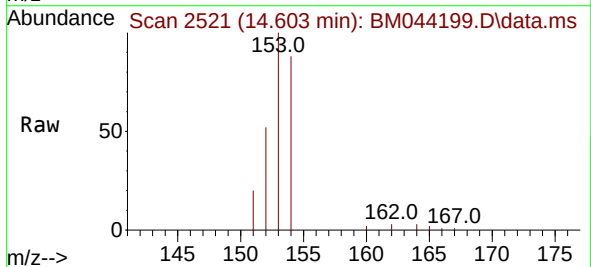
Instrument :
BNA_M
ClientSampleId :
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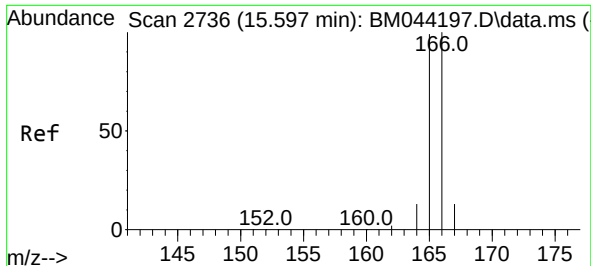
Tgt Ion:152 Resp: 13088
Ion Ratio Lower Upper
152 100
151 20.1 15.5 23.3
153 14.0 10.8 16.2



#11
Acenaphthene
Concen: 0.387 ng/ul
RT: 14.603 min Scan# 2521
Delta R.T. -0.005 min
Lab File: BM044199.D
Acq: 20 Feb 2024 10:42

Tgt Ion:153 Resp: 9191
Ion Ratio Lower Upper
153 100
152 52.4 40.6 61.0
154 88.2 70.1 105.1

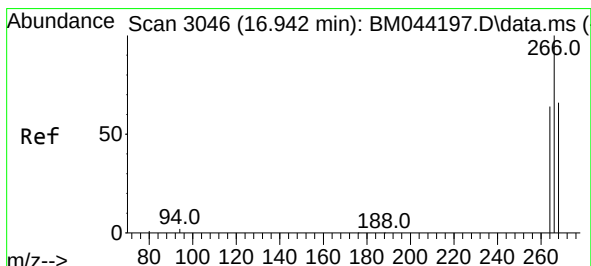
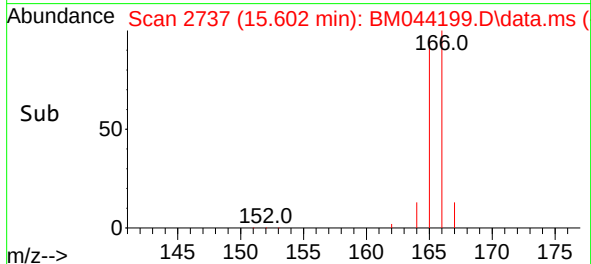
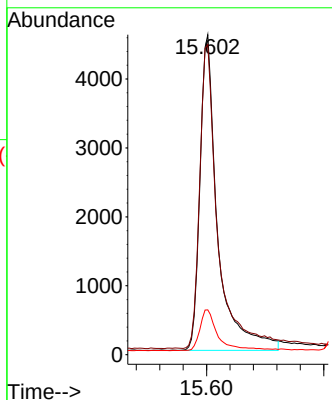
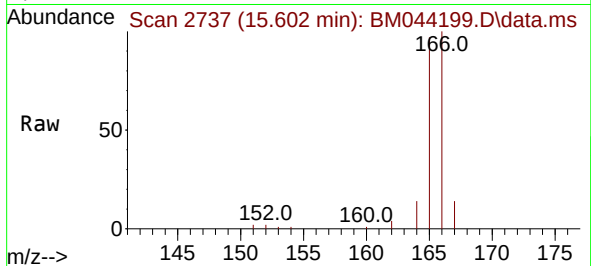




#12
Fluorene
Concen: 0.361 ng/ul
RT: 15.602 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM044199.D
Acq: 20 Feb 2024 10:42

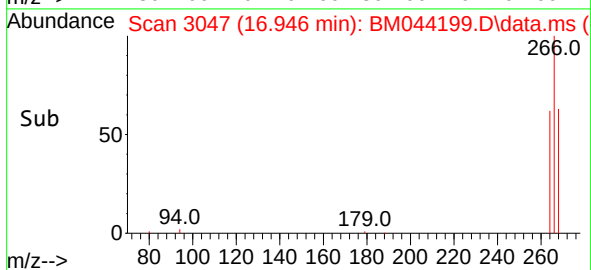
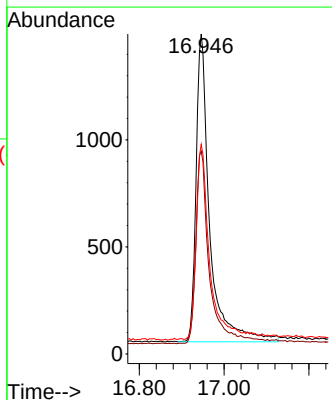
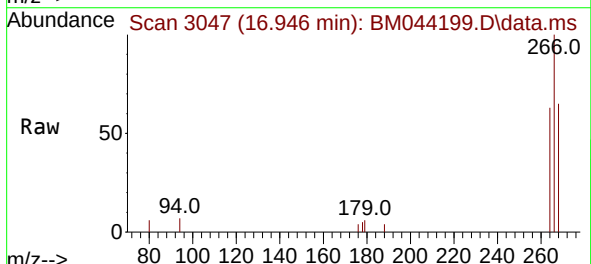
Instrument :
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ClientSampleId :
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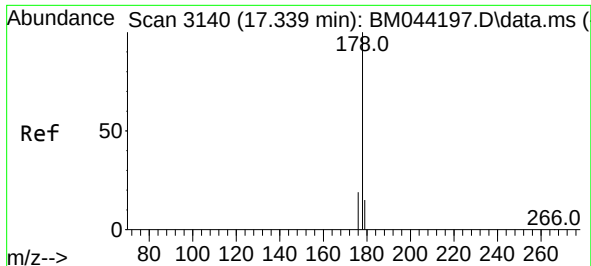
Tgt Ion:166 Resp: 9665
Ion Ratio Lower Upper
166 100
165 96.9 79.8 119.6
167 14.0 11.1 16.7



#14
Pentachlorophenol
Concen: 0.717 ng/ul
RT: 16.946 min Scan# 3047
Delta R.T. -0.000 min
Lab File: BM044199.D
Acq: 20 Feb 2024 10:42

Tgt Ion:266 Resp: 3201
Ion Ratio Lower Upper
266 100
264 63.4 49.4 74.0
268 63.4 52.1 78.1

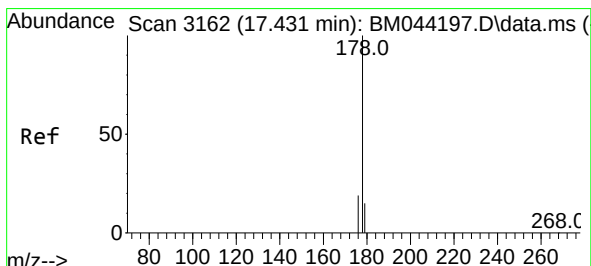
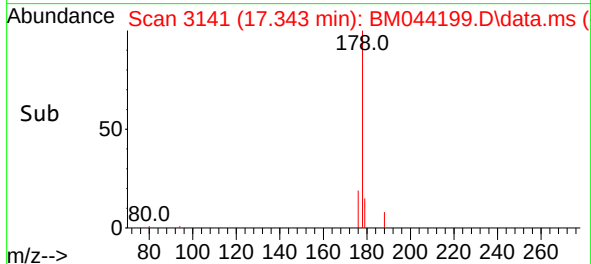
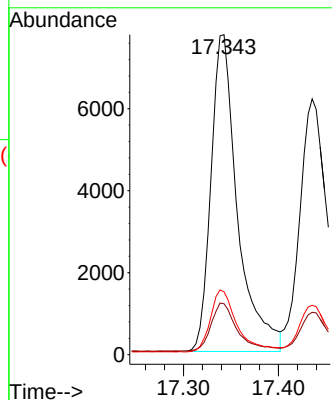
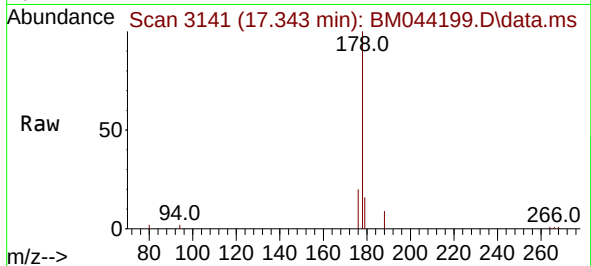




#15
Phenanthrene
Concen: 0.381 ng/ul
RT: 17.343 min Scan# 3141
Delta R.T. 0.004 min
Lab File: BM044199.D
Acq: 20 Feb 2024 10:42

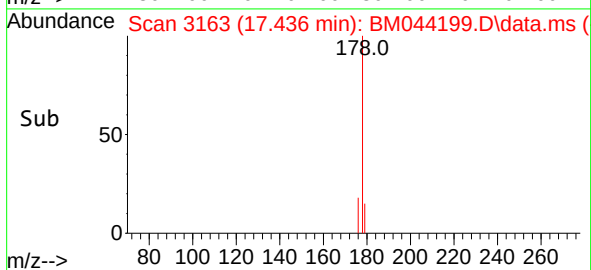
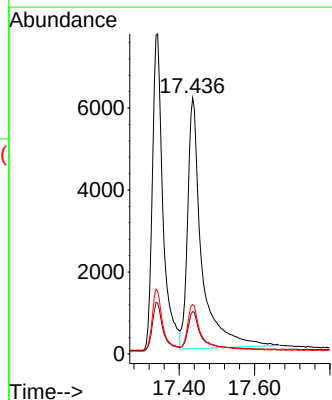
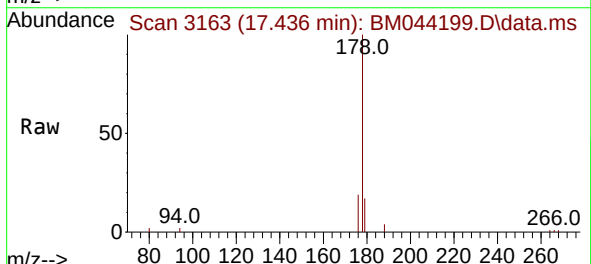
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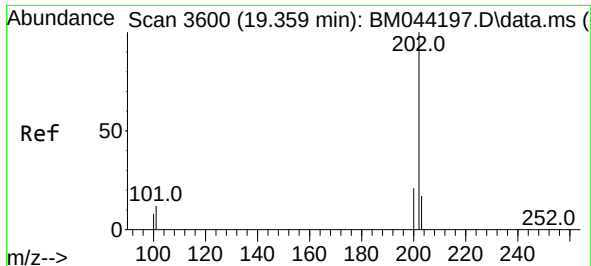
Tgt Ion:178 Resp: 15051
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.7 16.0 24.0



#16
Anthracene
Concen: 0.406 ng/ul
RT: 17.436 min Scan# 3163
Delta R.T. -0.000 min
Lab File: BM044199.D
Acq: 20 Feb 2024 10:42

Tgt Ion:178 Resp: 15857
Ion Ratio Lower Upper
178 100
179 16.5 12.8 19.2
176 19.3 15.3 22.9

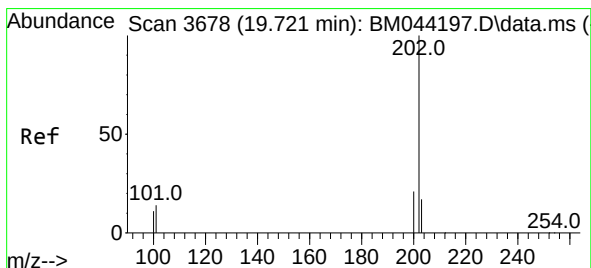
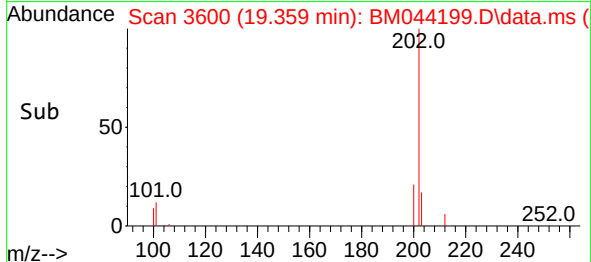
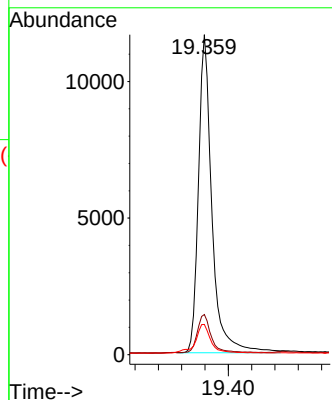
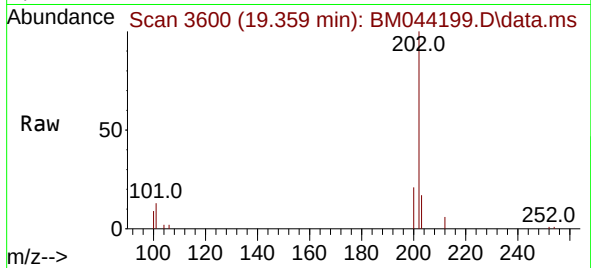




#19
Fluoranthene
Concen: 0.422 ng/ul
RT: 19.359 min Scan# 3600
Delta R.T. -0.005 min
Lab File: BM044199.D
Acq: 20 Feb 2024 10:42

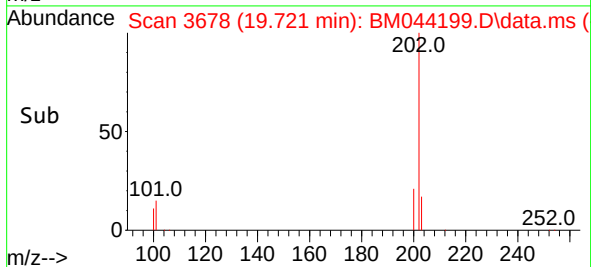
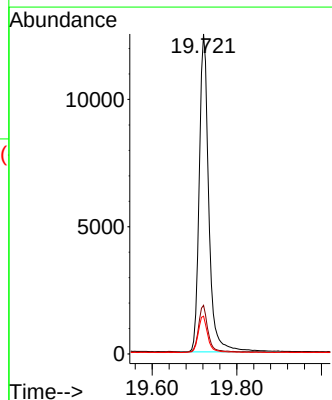
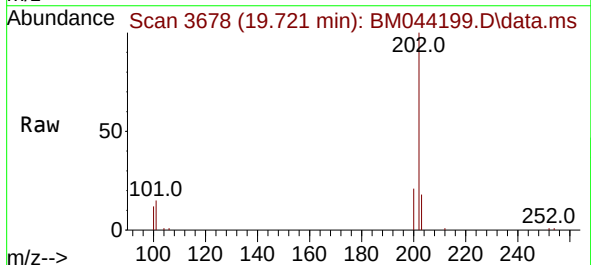
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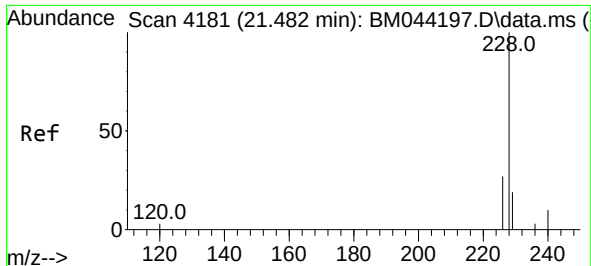
Tgt Ion:202 Resp: 18777
Ion Ratio Lower Upper
202 100
101 12.6 9.8 14.6
100 9.5 7.0 10.4



#20
Pyrene
Concen: 0.418 ng/ul
RT: 19.721 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM044199.D
Acq: 20 Feb 2024 10:42

Tgt Ion:202 Resp: 19599
Ion Ratio Lower Upper
202 100
101 15.2 11.2 16.8
100 11.8 8.6 13.0

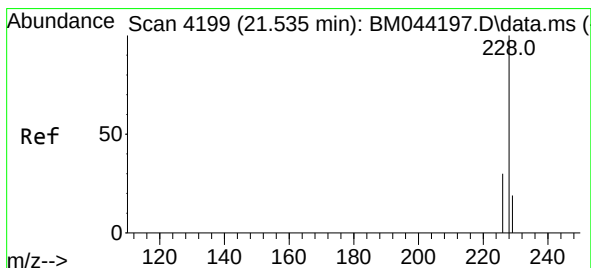
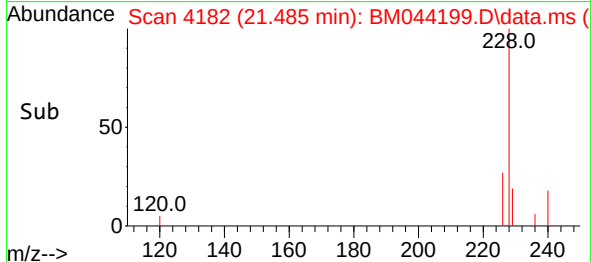
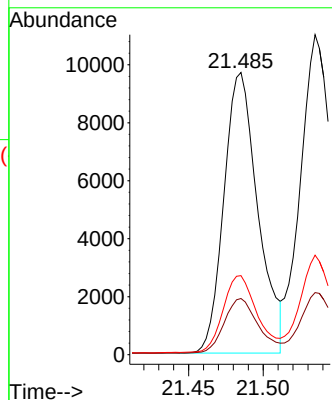
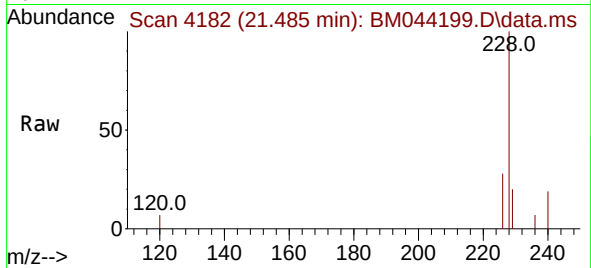




#21
Benzo(a)anthracene
Concen: 0.343 ng/ul
RT: 21.485 min Scan# 4182
Delta R.T. -0.000 min
Lab File: BM044199.D
Acq: 20 Feb 2024 10:42

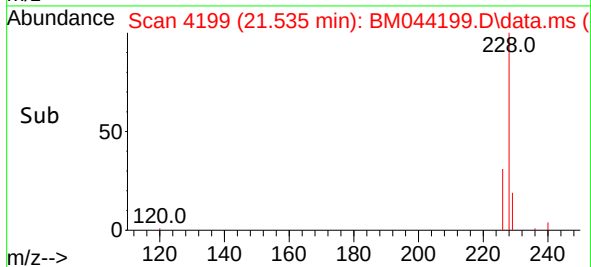
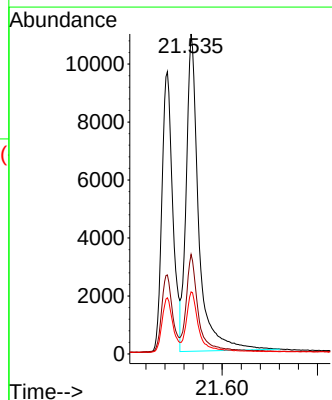
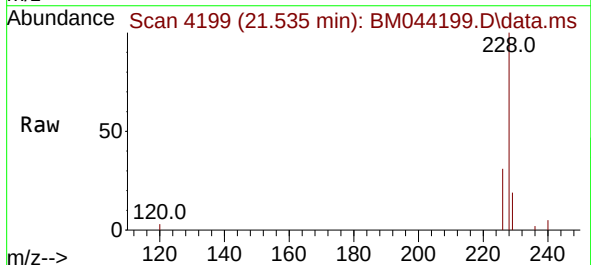
Instrument :
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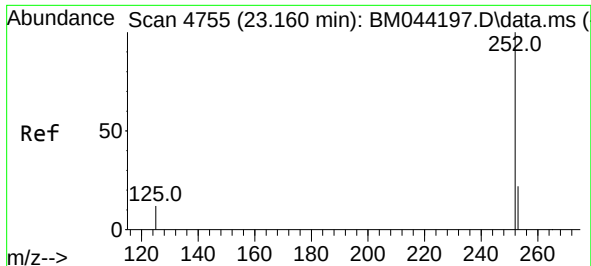
Tgt Ion:228 Resp: 15328
Ion Ratio Lower Upper
228 100
229 19.9 15.4 23.2
226 28.0 22.1 33.1



#22
Chrysene
Concen: 0.413 ng/ul
RT: 21.535 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM044199.D
Acq: 20 Feb 2024 10:42

Tgt Ion:228 Resp: 19908
Ion Ratio Lower Upper
228 100
226 31.1 24.2 36.2
229 19.4 15.8 23.6

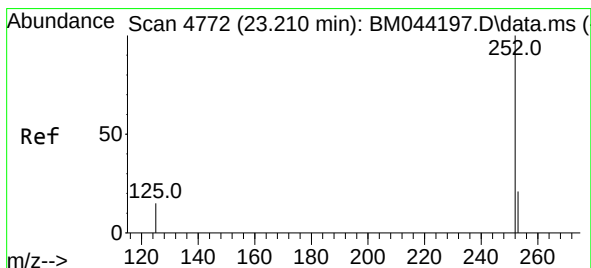
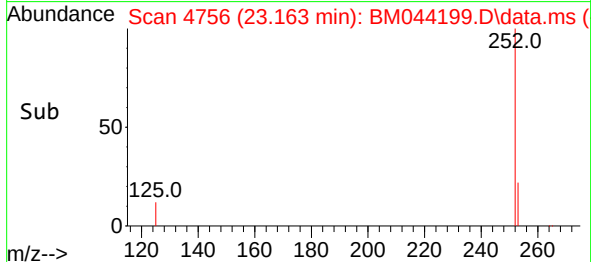
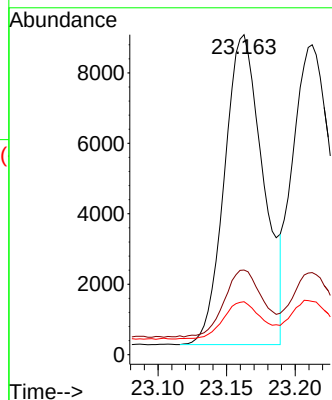
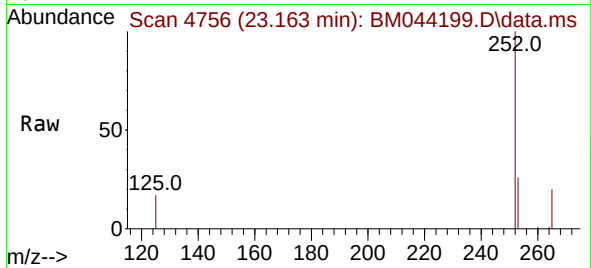




#24
Benzo(b)fluoranthene
Concen: 0.394 ng/ul
RT: 23.163 min Scan# 4756
Delta R.T. -0.000 min
Lab File: BM044199.D
Acq: 20 Feb 2024 10:42

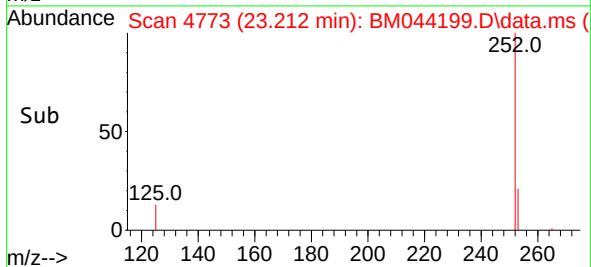
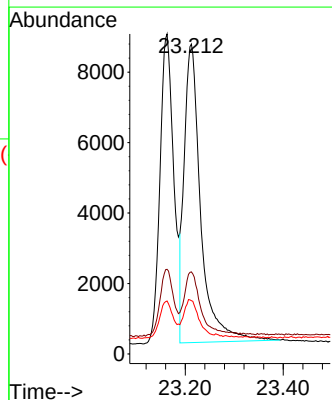
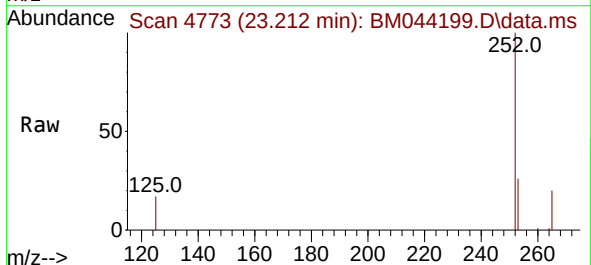
Instrument :
BNA_M
ClientSampleId :
SLCS067

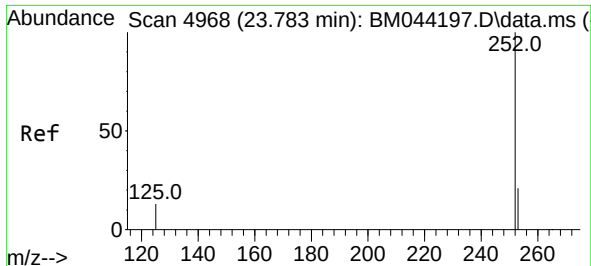
Tgt Ion:252 Resp: 17297
Ion Ratio Lower Upper
252 100
253 26.4 0.0 50.0
125 16.6 0.0 28.2



#25
Benzo(k)fluoranthene
Concen: 0.415 ng/ul
RT: 23.212 min Scan# 4773
Delta R.T. -0.000 min
Lab File: BM044199.D
Acq: 20 Feb 2024 10:42

Tgt Ion:252 Resp: 19822
Ion Ratio Lower Upper
252 100
253 26.5 20.1 30.1
125 17.2 12.3 18.5

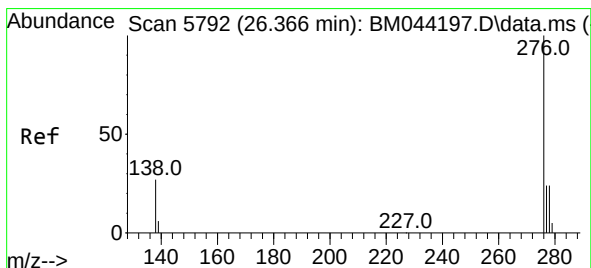
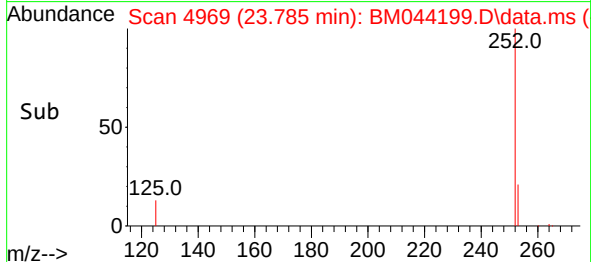
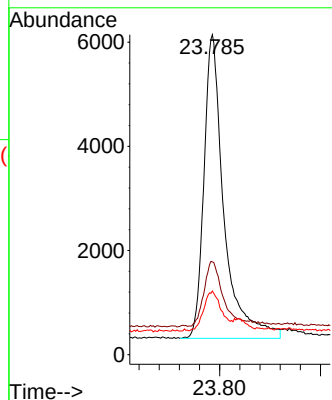
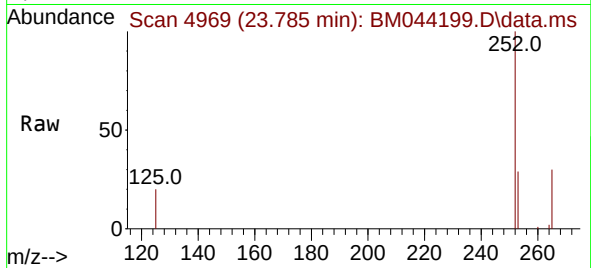




#26
Benzo(a)pyrene
Concen: 0.393 ng/ul
RT: 23.785 min Scan# 4968
Delta R.T. 0.000 min
Lab File: BM044199.D
Acq: 20 Feb 2024 10:42

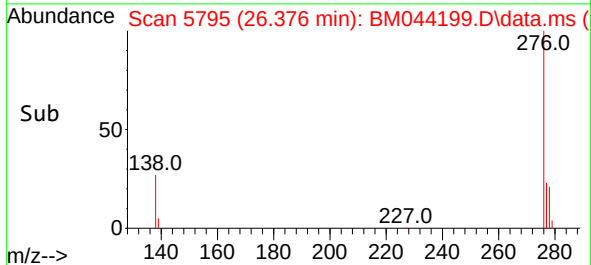
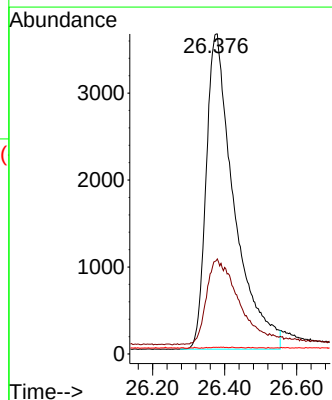
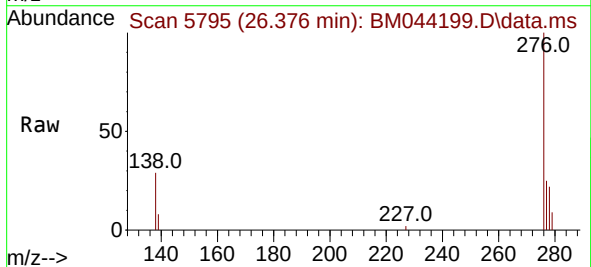
Instrument :
BNA_M
ClientSampleId :
SLCS067

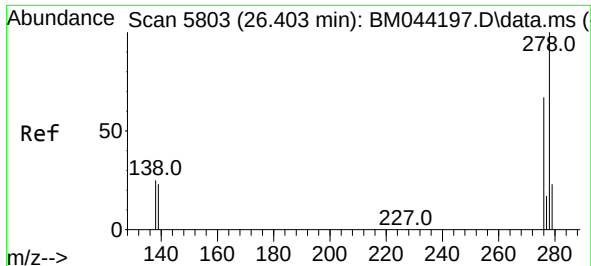
Tgt Ion:252 Resp: 16044
Ion Ratio Lower Upper
252 100
253 29.0 21.4 32.2
125 19.9 13.3 19.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.374 ng/ul
RT: 26.376 min Scan# 5795
Delta R.T. 0.007 min
Lab File: BM044199.D
Acq: 20 Feb 2024 10:42

Tgt Ion:276 Resp: 19480
Ion Ratio Lower Upper
276 100
138 31.7 25.2 37.8
227 0.1 0.1 0.1

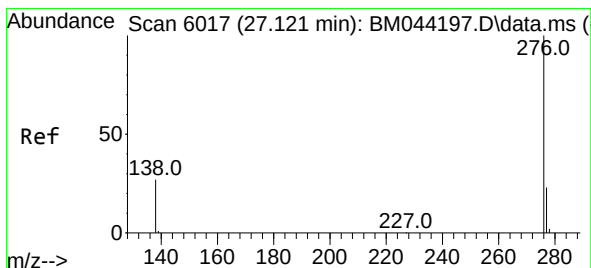
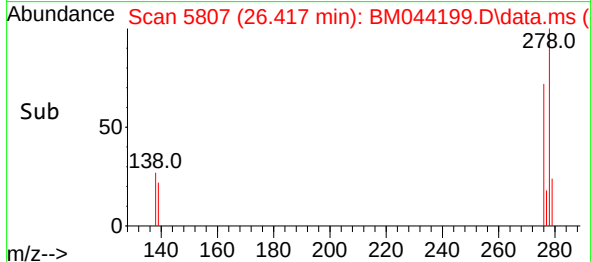
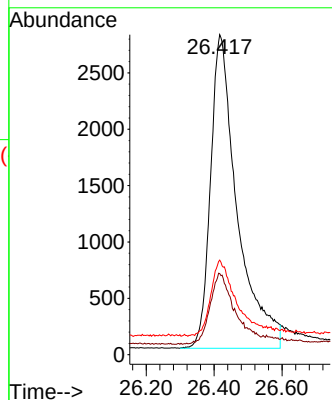
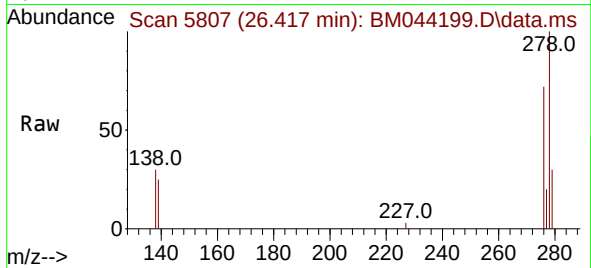




#28
Dibenzo(a,h)anthracene
Concen: 0.371 ng/ul
RT: 26.417 min Scan# 5807
Delta R.T. 0.007 min
Lab File: BM044199.D
Acq: 20 Feb 2024 10:42

Instrument :
BNA_M
ClientSampleId :
SLCS067

Tgt Ion:278 Resp: 15203
Ion Ratio Lower Upper
278 100
139 25.4 17.8 26.8
279 29.6 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.383 ng/ul
RT: 27.124 min Scan# 6018
Delta R.T. -0.003 min
Lab File: BM044199.D
Acq: 20 Feb 2024 10:42

Tgt Ion:276 Resp: 17613
Ion Ratio Lower Upper
276 100
138 30.1 22.7 34.1
277 24.6 19.0 28.6

