

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
 Data File : BM037678.D
 Acq On : 23 Nov 2022 14:06
 Operator : CG/JU
 Sample : PB149118BS
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS118

Quant Time: Nov 24 01:49:30 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 21 22:36:32 2022
 Response via : Initial Calibration

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

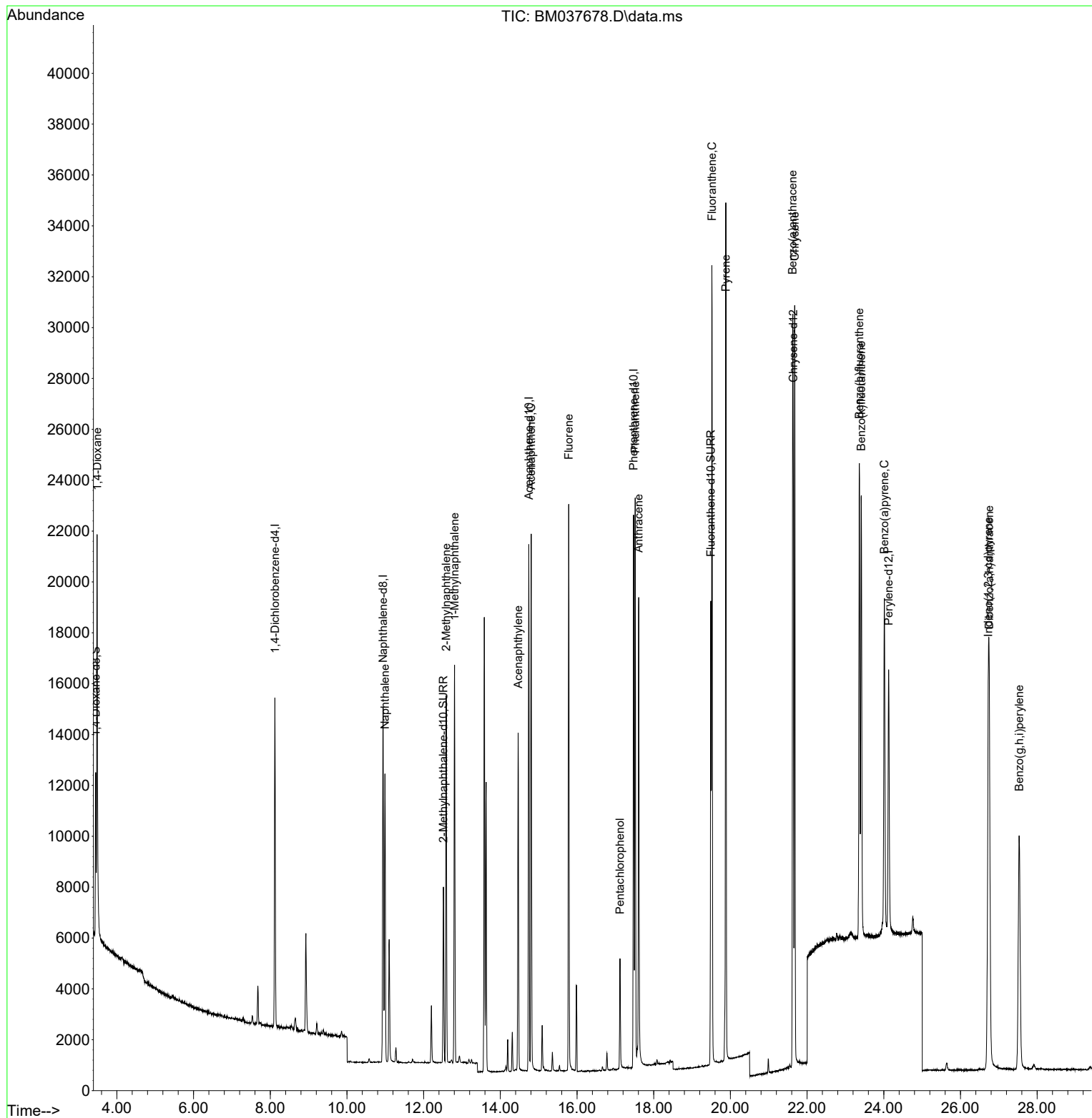
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	6343	0.400	ng/ul	0.00
4) Naphthalene-d8	10.942	136	18263	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.743	164	10715	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.475	188	24381	0.400	ng/ul	0.00
17) Chrysene-d12	21.639	240	16954	0.400	ng/ul #	0.00
23) Perylene-d12	24.127	264	14893	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	4199	0.569	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.515	152	8346	0.276	ng/ul	0.00
18) Fluoranthene-d10	19.490	212	18061	0.322	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.484	88	10496	1.367	ng/ul#	49
5) Naphthalene	10.991	128	15254	0.275	ng/ul	98
7) 2-Methylnaphthalene	12.586	142	9761	0.259	ng/ul	99
8) 1-Methylnaphthalene	12.806	142	10483	0.271	ng/ul	100
10) Acenaphthylene	14.465	152	14746	0.248	ng/ul	99
11) Acenaphthene	14.803	153	11832	0.285	ng/ul	99
12) Fluorene	15.784	166	13705	0.274	ng/ul	98
14) Pentachlorophenol	17.120	266	2983	0.545	ng/ul	98
15) Phenanthrene	17.517	178	23484	0.282	ng/ul	99
16) Anthracene	17.610	178	20319	0.253	ng/ul	99
19) Fluoranthene	19.518	202	26444	0.323	ng/ul#	93
20) Pyrene	19.880	202	27152	0.319	ng/ul	95
21) Benzo(a)anthracene	21.625	228	23171	0.306	ng/ul	100
22) Chrysene	21.677	228	24981	0.332	ng/ul	100
24) Benzo(b)fluoranthene	23.364	252	24725	0.364	ng/ul	89
25) Benzo(k)fluoranthene	23.414	252	23699	0.346	ng/ul#	89
26) Benzo(a)pyrene	24.016	252	20514	0.347	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.725	276	25320	0.324	ng/ul#	49
28) Dibenzo(a,h)anthracene	26.751	278	19380	0.315	ng/ul	94
29) Benzo(g,h,i)perylene	27.533	276	21260	0.320	ng/ul	95

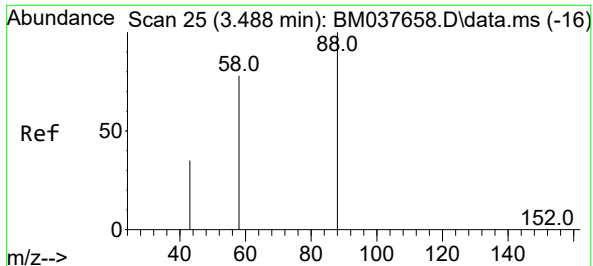
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 24 01:49:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 22:36:32 2022
Response via : Initial Calibration

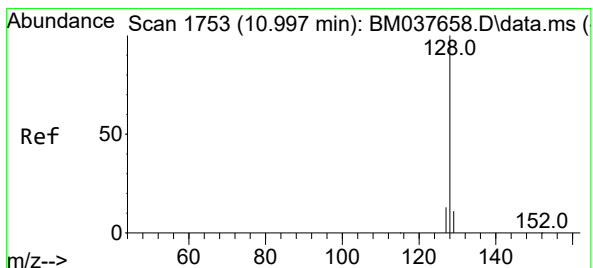
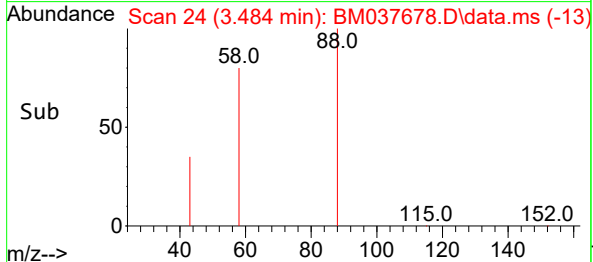
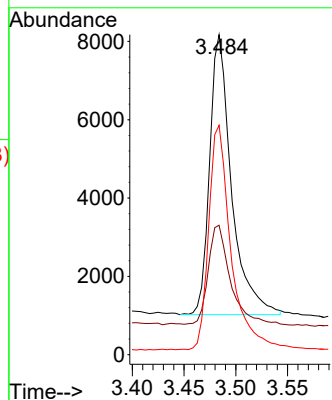
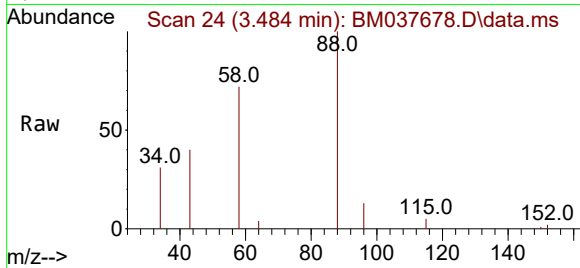




#2
1,4-Dioxane
Concen: 1.367 ng/ul
RT: 3.484 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM037678.D
Acq: 23 Nov 2022 14:06

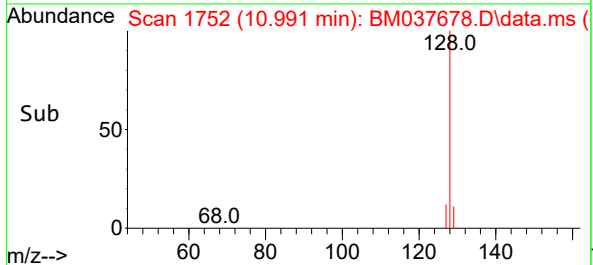
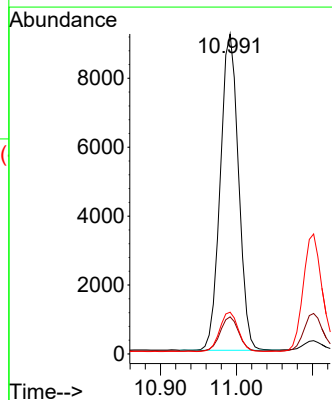
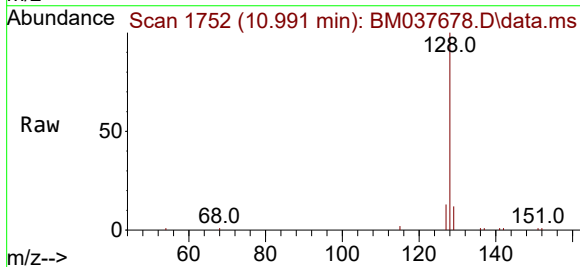
Instrument :
BNA_M
ClientSampleId :
SLCS118

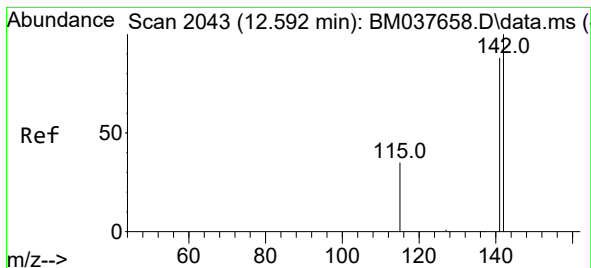
Tgt Ion: 88 Resp: 10496
Ion Ratio Lower Upper
88 100
43 40.4 102.8 154.2#
58 71.7 67.3 100.9



#5
Naphthalene
Concen: 0.275 ng/ul
RT: 10.991 min Scan# 1752
Delta R.T. -0.010 min
Lab File: BM037678.D
Acq: 23 Nov 2022 14:06

Tgt Ion: 128 Resp: 15254
Ion Ratio Lower Upper
128 100
129 11.6 9.8 14.8
127 13.0 11.0 16.4

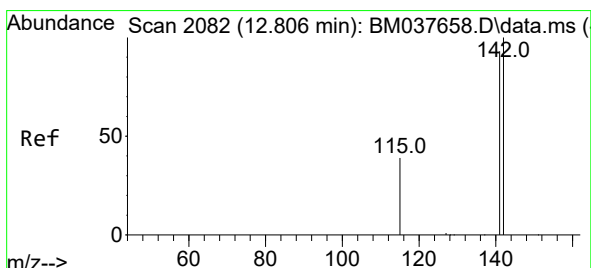
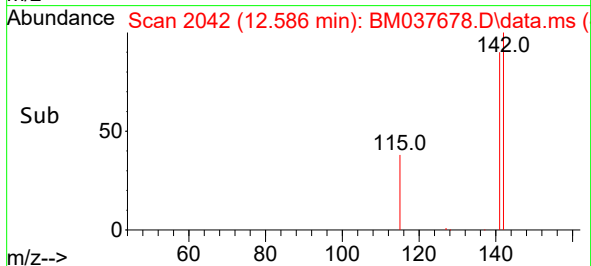
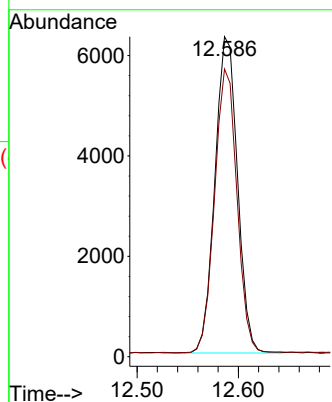
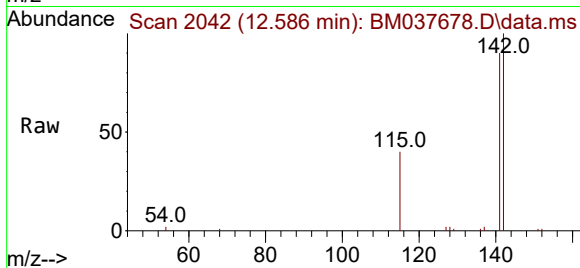




#7
2-Methylnaphthalene
Concen: 0.259 ng/ul
RT: 12.586 min Scan# 2042
Delta R.T. -0.010 min
Lab File: BM037678.D
Acq: 23 Nov 2022 14:06

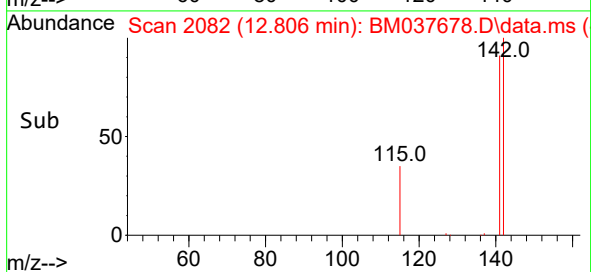
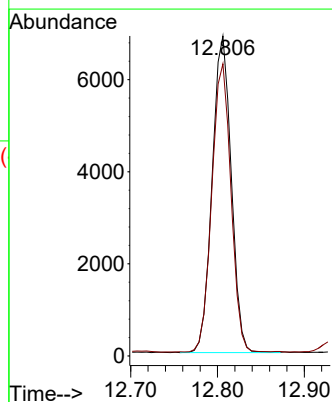
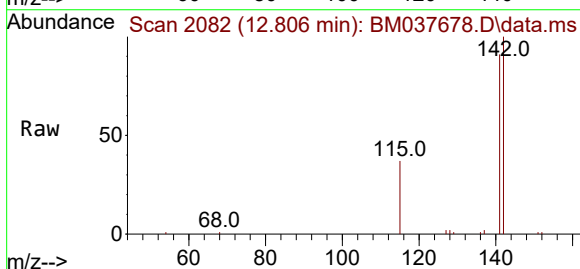
Instrument :
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ClientSampleId :
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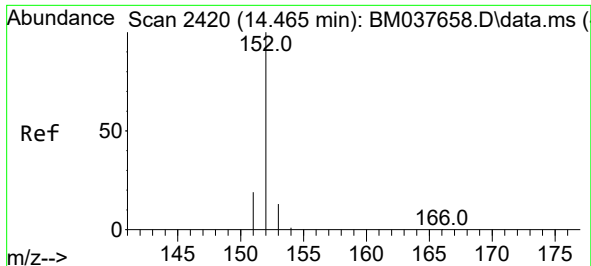
Tgt Ion:142 Resp: 9761
Ion Ratio Lower Upper
142 100
141 89.5 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.271 ng/ul
RT: 12.806 min Scan# 2082
Delta R.T. -0.004 min
Lab File: BM037678.D
Acq: 23 Nov 2022 14:06

Tgt Ion:142 Resp: 10483
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.0

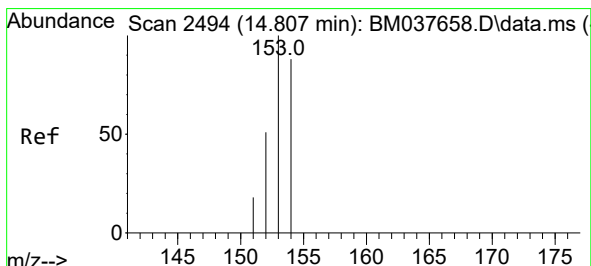
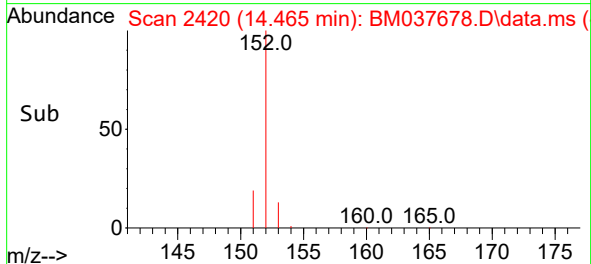
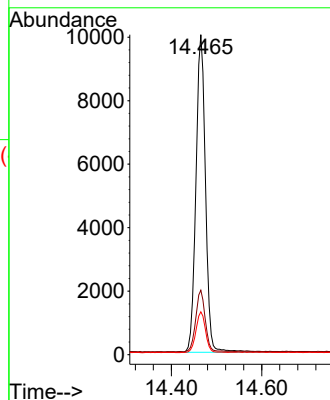
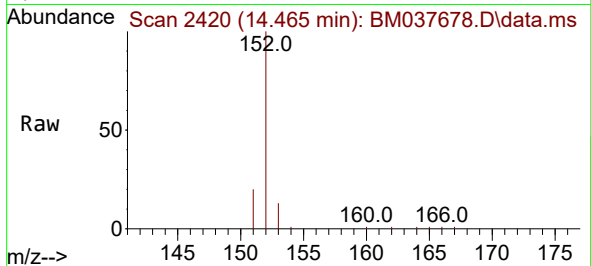




#10
Acenaphthylene
Concen: 0.248 ng/ul
RT: 14.465 min Scan# 2420
Delta R.T. -0.003 min
Lab File: BM037678.D
Acq: 23 Nov 2022 14:06

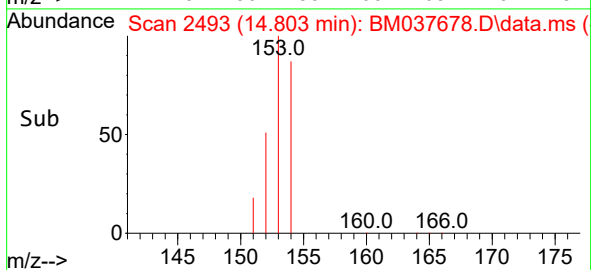
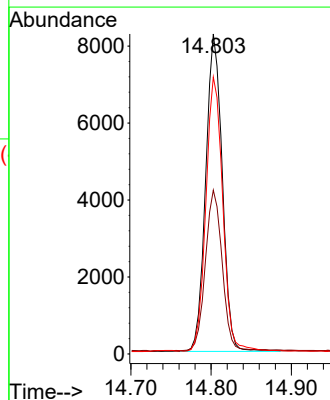
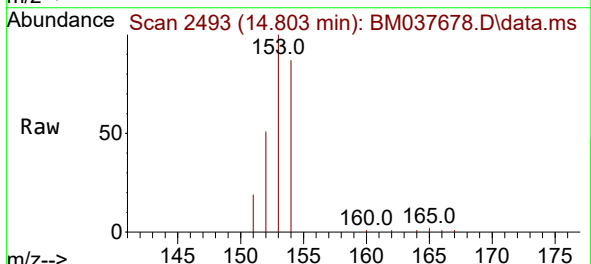
Instrument :
BNA_M
ClientSampleId :
SLCS118

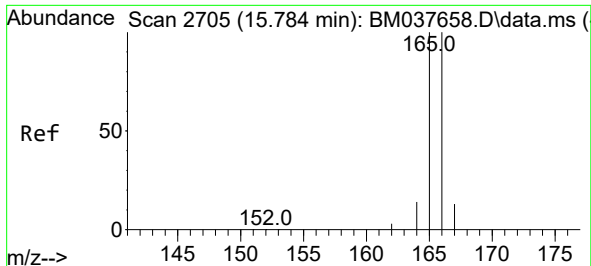
Tgt Ion:152	Resp:	14746
Ion Ratio	Lower	Upper
152	100	
151	20.1	15.9 23.9
153	13.4	11.0 16.4



#11
Acenaphthene
Concen: 0.285 ng/ul
RT: 14.803 min Scan# 2493
Delta R.T. -0.008 min
Lab File: BM037678.D
Acq: 23 Nov 2022 14:06

Tgt Ion:153	Resp:	11832
Ion Ratio	Lower	Upper
153	100	
152	51.2	39.4 59.0
154	86.5	69.5 104.3

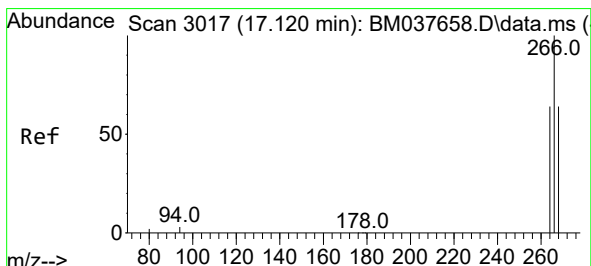
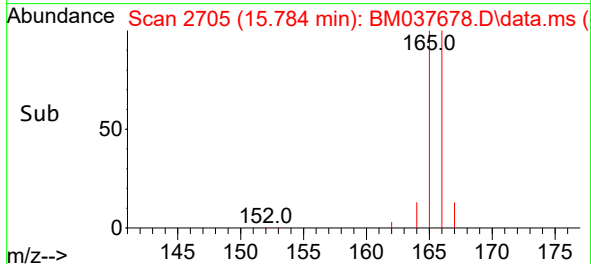
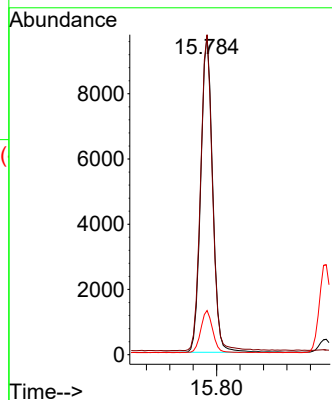
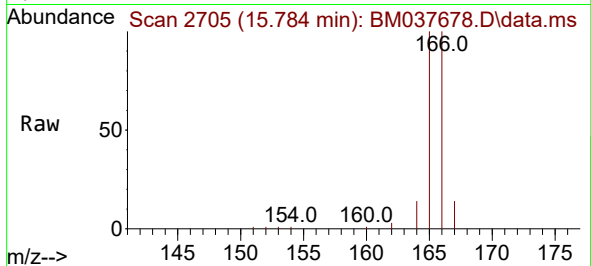




#12
Fluorene
Concen: 0.274 ng/ul
RT: 15.784 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM037678.D
Acq: 23 Nov 2022 14:06

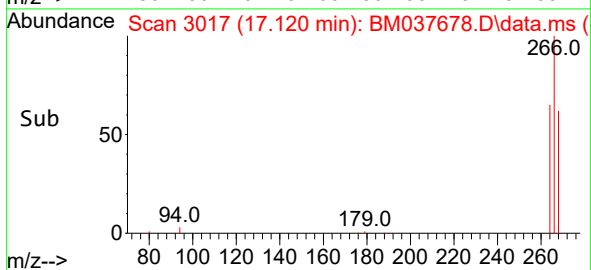
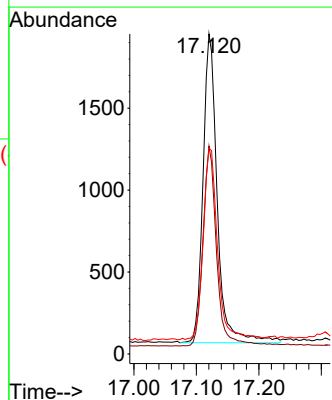
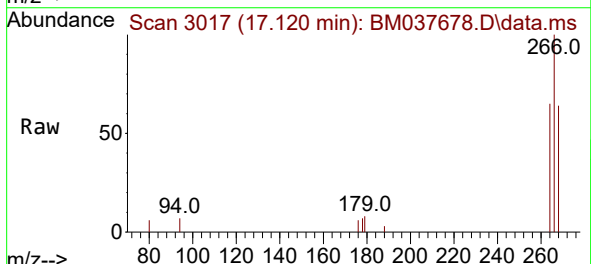
Instrument :
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ClientSampleId :
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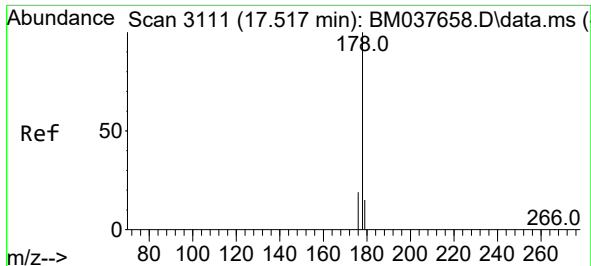
Tgt Ion:166 Resp: 13705
Ion Ratio Lower Upper
166 100
165 100.2 78.7 118.1
167 13.9 11.3 16.9



#14
Pentachlorophenol
Concen: 0.545 ng/ul
RT: 17.120 min Scan# 3017
Delta R.T. -0.007 min
Lab File: BM037678.D
Acq: 23 Nov 2022 14:06

Tgt Ion:266 Resp: 2983
Ion Ratio Lower Upper
266 100
264 62.2 50.2 75.2
268 62.2 52.0 78.0

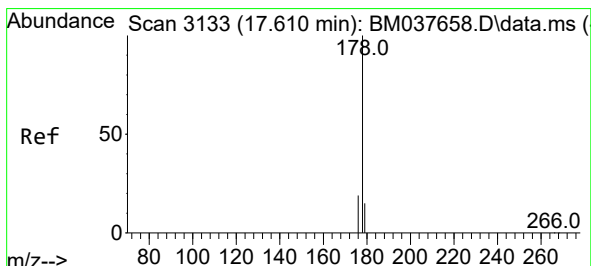
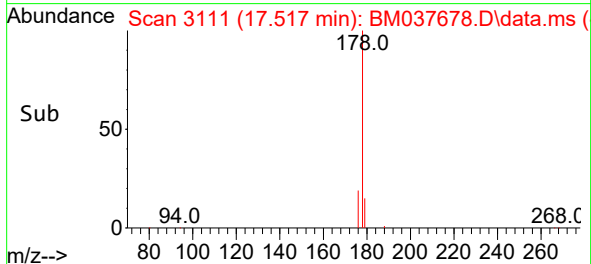
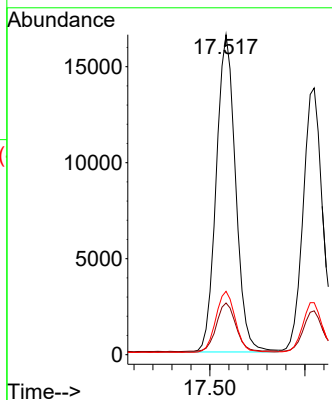
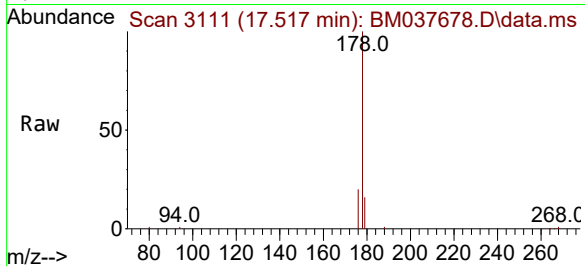




#15
Phenanthrene
Concen: 0.282 ng/ul
RT: 17.517 min Scan# 3111
Delta R.T. -0.007 min
Lab File: BM037678.D
Acq: 23 Nov 2022 14:06

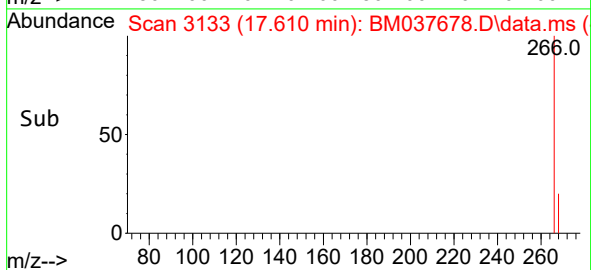
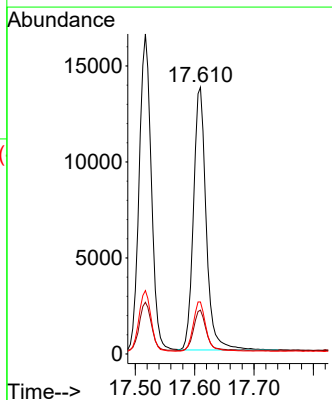
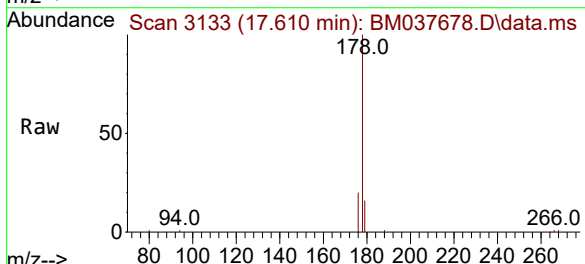
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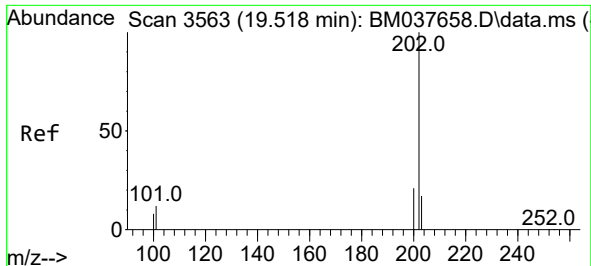
Tgt Ion:178 Resp: 23484
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 19.8 16.0 24.0



#16
Anthracene
Concen: 0.253 ng/ul
RT: 17.610 min Scan# 3133
Delta R.T. -0.003 min
Lab File: BM037678.D
Acq: 23 Nov 2022 14:06

Tgt Ion:178 Resp: 20319
Ion Ratio Lower Upper
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179 16.5 12.8 19.2
176 19.5 15.0 22.6

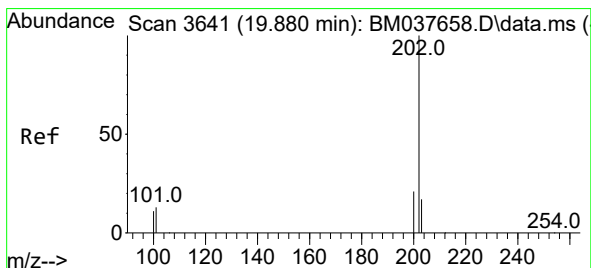
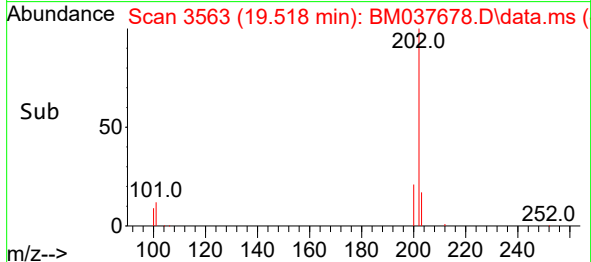
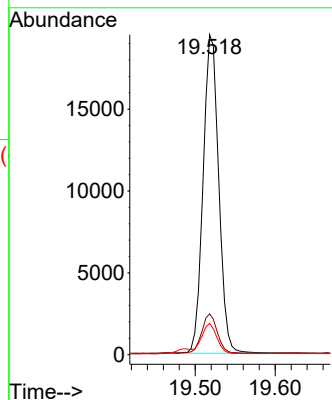
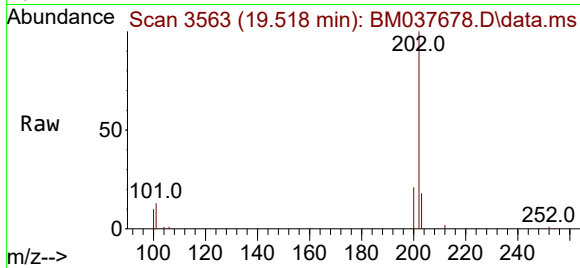




#19
Fluoranthene
Concen: 0.323 ng/ul
RT: 19.518 min Scan# 3563
Delta R.T. -0.003 min
Lab File: BM037678.D
Acq: 23 Nov 2022 14:06

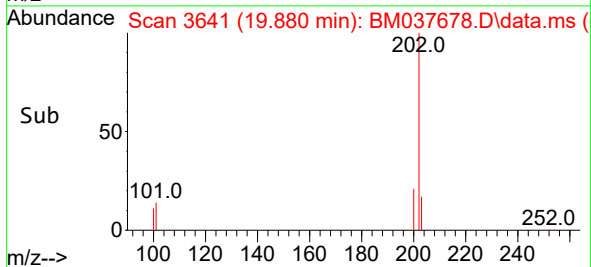
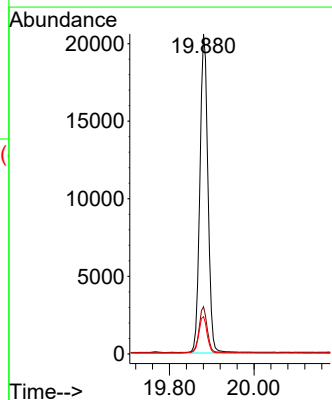
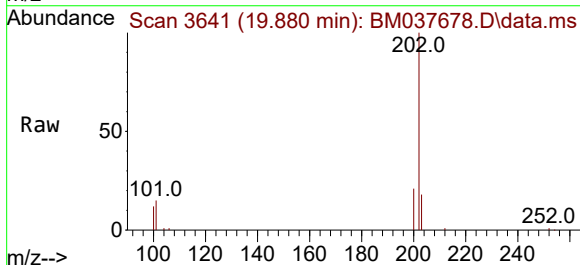
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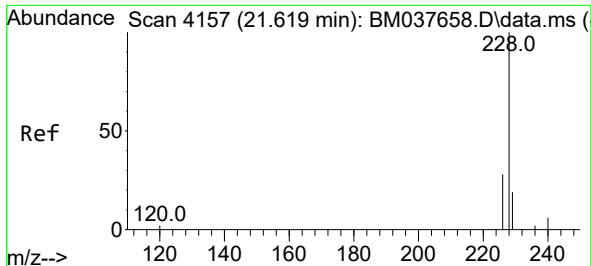
Tgt Ion:202 Resp: 26444
Ion Ratio Lower Upper
202 100
101 12.8 8.2 12.2#
100 9.7 6.1 9.1#



#20
Pyrene
Concen: 0.319 ng/ul
RT: 19.880 min Scan# 3641
Delta R.T. -0.003 min
Lab File: BM037678.D
Acq: 23 Nov 2022 14:06

Tgt Ion:202 Resp: 27152
Ion Ratio Lower Upper
202 100
101 14.8 10.1 15.1
100 11.6 8.0 12.0

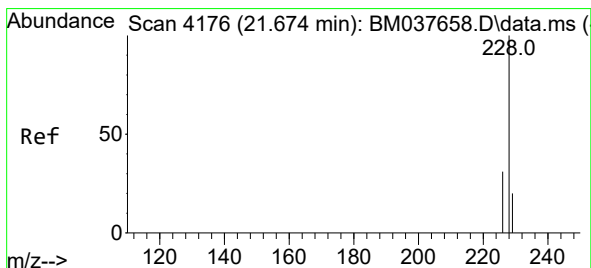
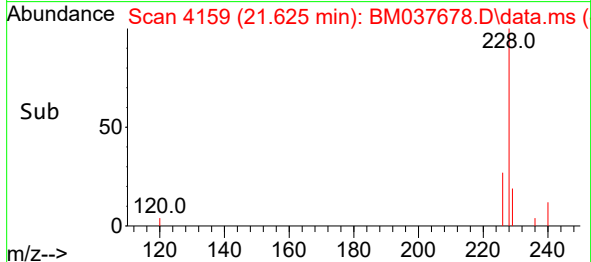
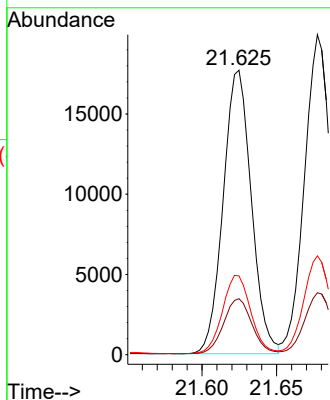
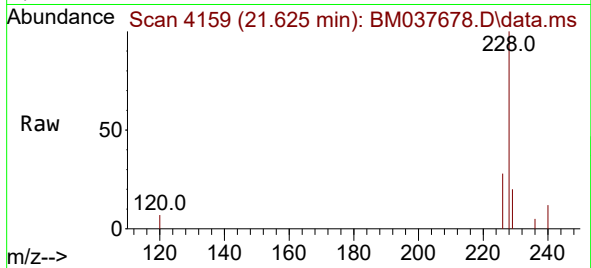




#21
Benzo(a)anthracene
Concen: 0.306 ng/ul
RT: 21.625 min Scan# 4157
Delta R.T. 0.003 min
Lab File: BM037678.D
Acq: 23 Nov 2022 14:06

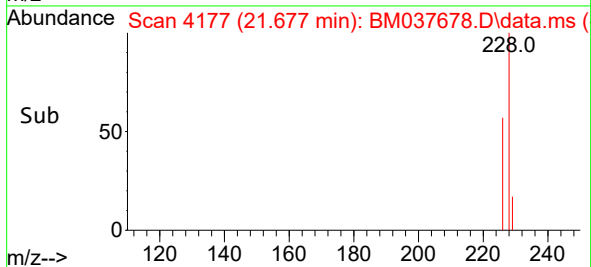
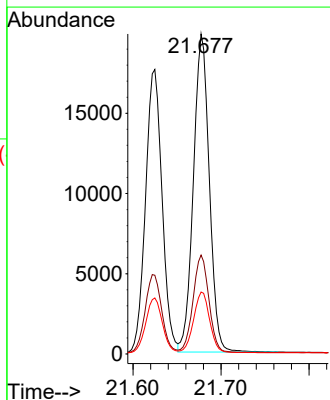
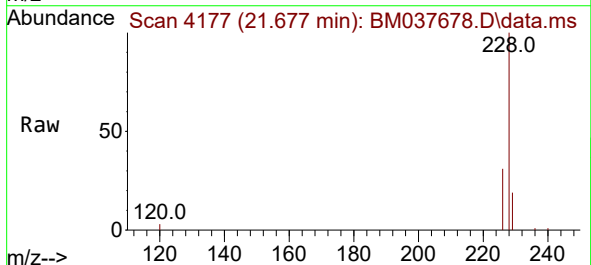
Instrument :
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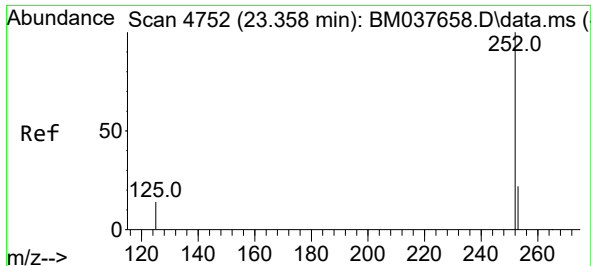
Tgt Ion:228 Resp: 23171
Ion Ratio Lower Upper
228 100
229 19.7 15.7 23.5
226 27.7 22.2 33.2



#22
Chrysene
Concen: 0.332 ng/ul
RT: 21.677 min Scan# 4177
Delta R.T. 0.003 min
Lab File: BM037678.D
Acq: 23 Nov 2022 14:06

Tgt Ion:228 Resp: 24981
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 19.4 15.5 23.3

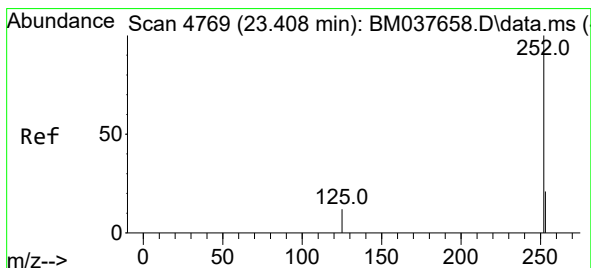
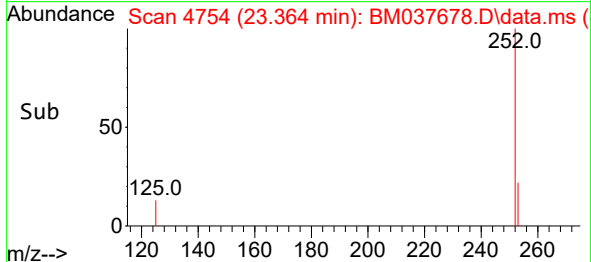
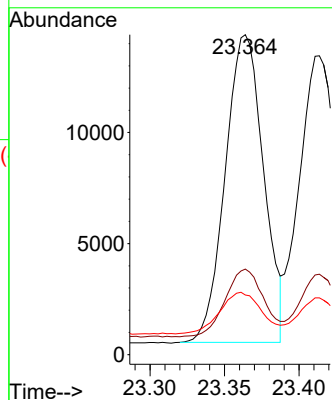
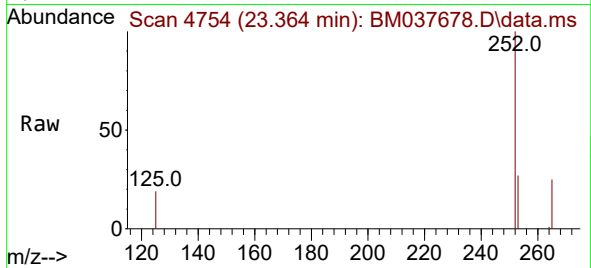




#24
Benzo(b)fluoranthene
Concen: 0.364 ng/ul
RT: 23.364 min Scan# 4754
Delta R.T. 0.003 min
Lab File: BM037678.D
Acq: 23 Nov 2022 14:06

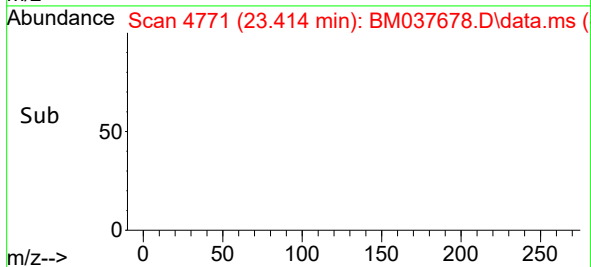
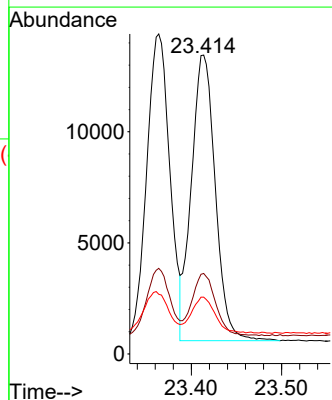
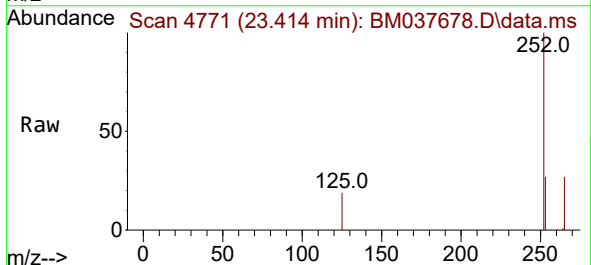
Instrument :
BNA_M
ClientSampleId :
SLCS118

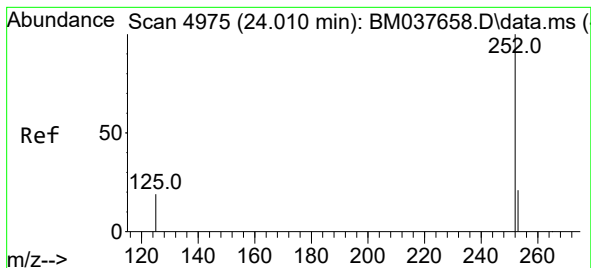
Tgt Ion:252 Resp: 24725
Ion Ratio Lower Upper
252 100
253 26.8 0.0 46.2
125 18.7 0.0 23.4



#25
Benzo(k)fluoranthene
Concen: 0.346 ng/ul
RT: 23.414 min Scan# 4771
Delta R.T. 0.003 min
Lab File: BM037678.D
Acq: 23 Nov 2022 14:06

Tgt Ion:252 Resp: 23699
Ion Ratio Lower Upper
252 100
253 26.9 18.8 28.2
125 19.0 9.8 14.6#





#26

Benzo(a)pyrene

Concen: 0.347 ng/ul

RT: 24.016 min Scan# 4977

Delta R.T. 0.003 min

Lab File: BM037678.D

Acq: 23 Nov 2022 14:06

Instrument :

BNA_M

ClientSampleId :

SLCS118

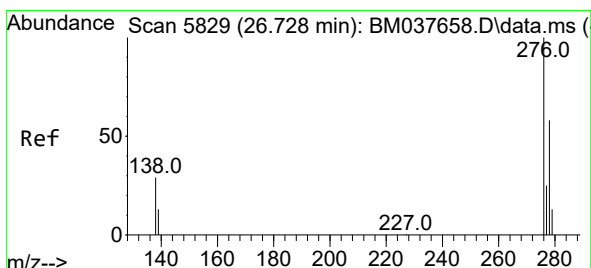
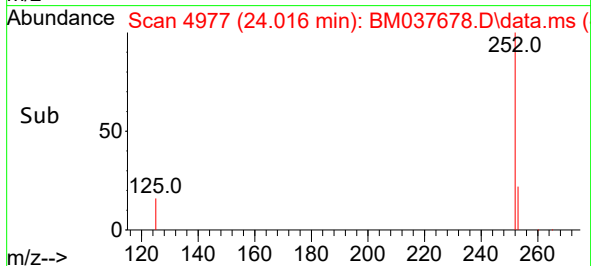
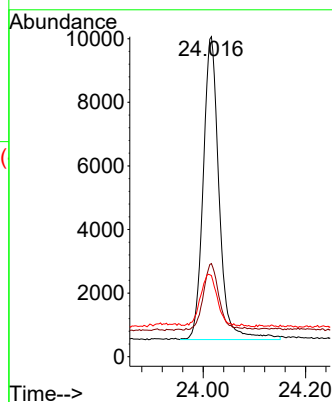
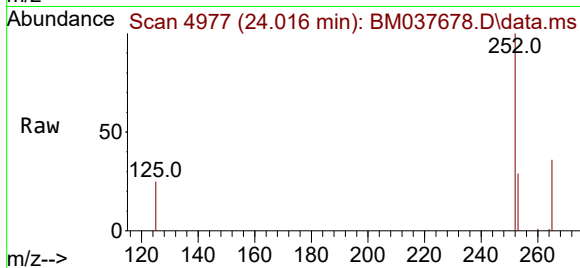
Tgt Ion:252 Resp: 20514

Ion Ratio Lower Upper

252 100

253 29.1 18.8 28.2#

125 25.3 10.5 15.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.324 ng/ul

RT: 26.725 min Scan# 5828

Delta R.T. -0.004 min

Lab File: BM037678.D

Acq: 23 Nov 2022 14:06

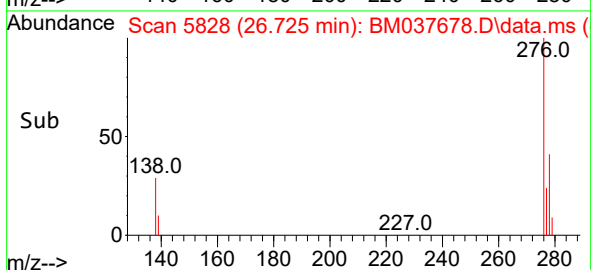
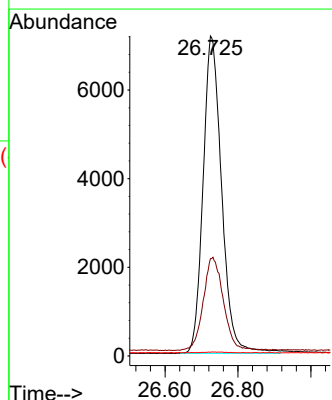
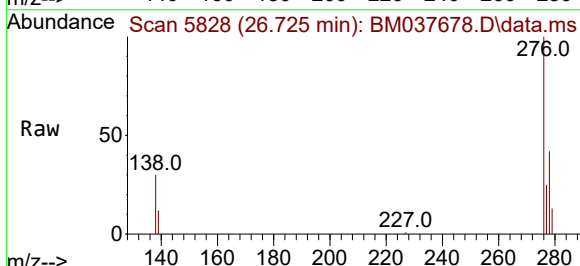
Tgt Ion:276 Resp: 25320

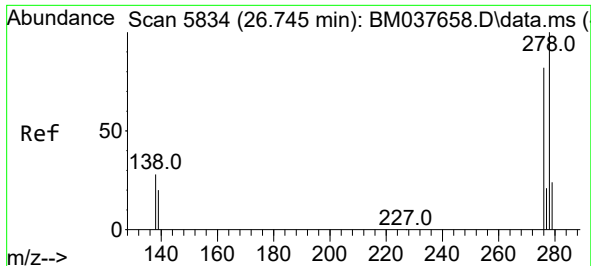
Ion Ratio Lower Upper

276 100

138 0.0 21.2 31.8#

227 0.1 0.1 0.1#

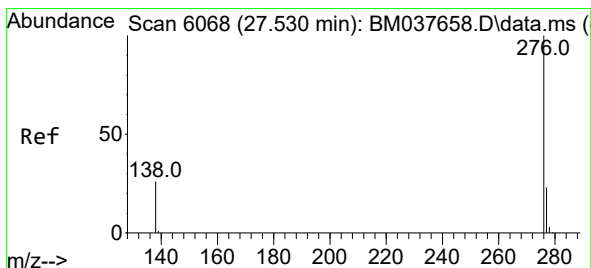
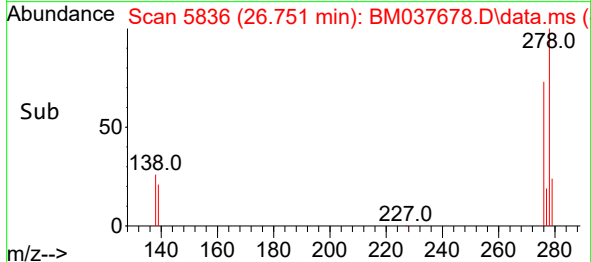
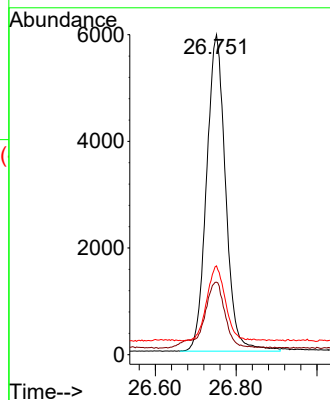
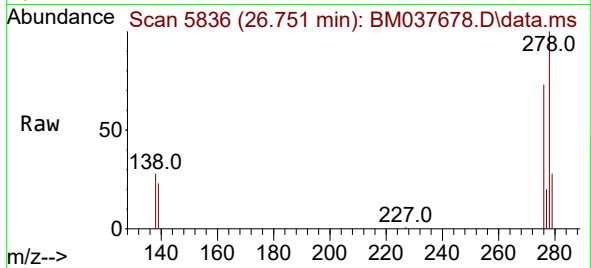




#28
Dibenzo(a,h)anthracene
Concen: 0.315 ng/ul
RT: 26.751 min Scan# 5836
Delta R.T. 0.003 min
Lab File: BM037678.D
Acq: 23 Nov 2022 14:06

Instrument :
BNA_M
ClientSampleId :
SLCS118

Tgt Ion:278 Resp: 19380
Ion Ratio Lower Upper
278 100
139 22.7 15.2 22.8
279 27.7 20.2 30.2



#29
Benzo(g,h,i)perylene
Concen: 0.320 ng/ul
RT: 27.533 min Scan# 6069
Delta R.T. -0.000 min
Lab File: BM037678.D
Acq: 23 Nov 2022 14:06

Tgt Ion:276 Resp: 21260
Ion Ratio Lower Upper
276 100
138 27.9 19.0 28.4
277 24.7 19.4 29.2

