

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041712.D
 Acq On : 08 Sep 2023 01:50
 Operator : MA/JU
 Sample : PB155235BS
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS235

Quant Time: Sep 08 02:55:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 06 02:20:07 2023
 Response via : Initial Calibration

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

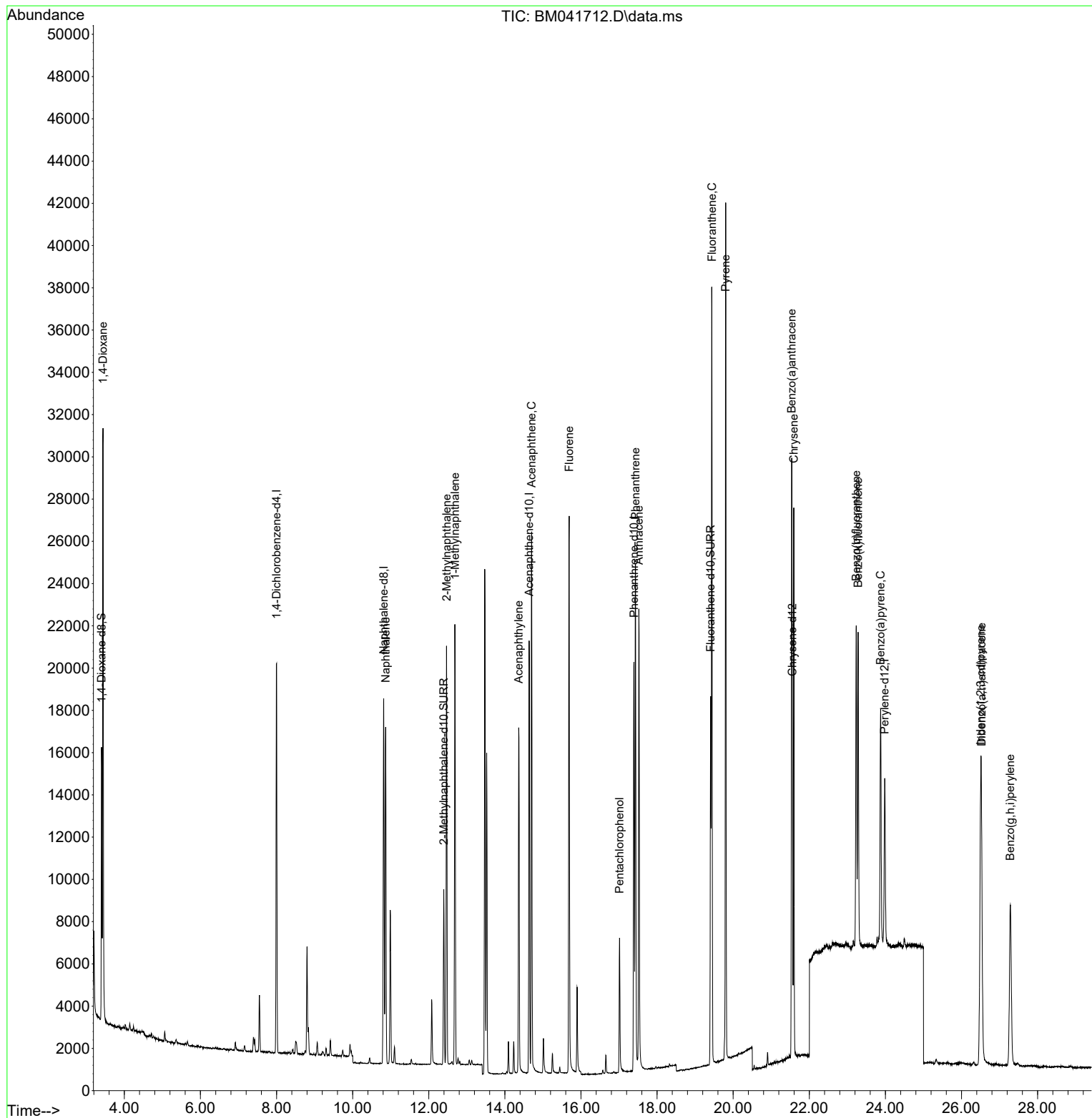
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	9069	0.400	ng/ul	0.00
4) Naphthalene-d8	10.818	136	22388	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.638	164	10672	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	22241	0.400	ng/ul	0.00
17) Chrysene-d12	21.556	240	10549	0.400	ng/ul	#-0.01
23) Perylene-d12	23.982	264	10305	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	7365	0.531	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	10045	0.349	ng/ul	-0.01
18) Fluoranthene-d10	19.408	212	16245	0.318	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	17671	1.227	ng/ul	92
5) Naphthalene	10.867	128	21414	0.291	ng/ul	99
7) 2-Methylnaphthalene	12.467	142	12984	0.311	ng/ul	99
8) 1-Methylnaphthalene	12.687	142	13833	0.330	ng/ul	99
10) Acenaphthylene	14.365	152	19346	0.293	ng/ul	100
11) Acenaphthene	14.703	153	14743	0.288	ng/ul	98
12) Fluorene	15.688	166	17019	0.296	ng/ul	99
14) Pentachlorophenol	17.012	266	4436	0.498	ng/ul	100
15) Phenanthrene	17.434	178	27031	0.288	ng/ul	99
16) Anthracene	17.523	178	24941	0.310	ng/ul	99
19) Fluoranthene	19.441	202	30338	0.244	ng/ul	97
20) Pyrene	19.803	202	31751	0.257	ng/ul	99
21) Benzo(a)anthracene	21.539	228	22264	0.259	ng/ul	99
22) Chrysene	21.591	228	21433	0.231	ng/ul	99
24) Benzo(b)fluoranthene	23.234	252	19926	0.216	ng/ul	95
25) Benzo(k)fluoranthene	23.284	252	19636	0.218	ng/ul	96
26) Benzo(a)pyrene	23.874	252	16839	0.225	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.502	276	21048	0.205	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.525	278	15426	0.214	ng/ul	98
29) Benzo(g,h,i)perylene	27.283	276	17465	0.192	ng/ul	100

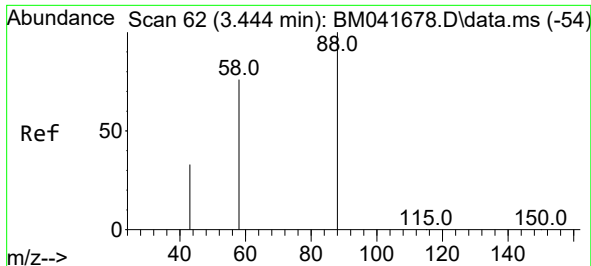
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 08 02:55:56 2023
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Response via : Initial Calibration

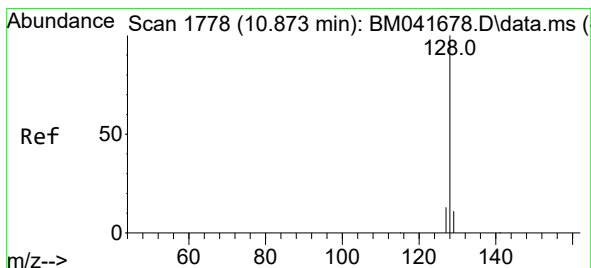
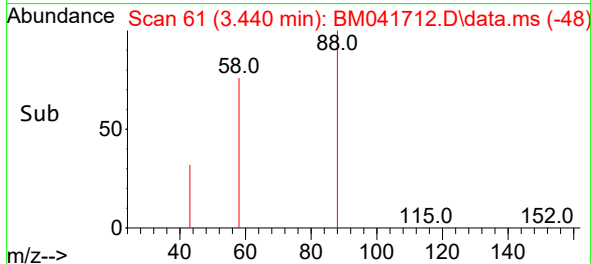
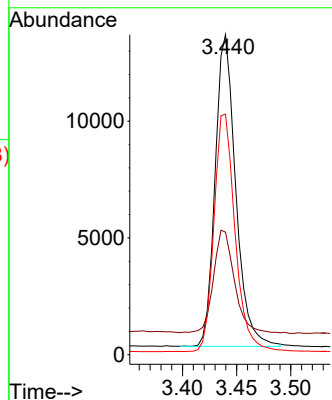
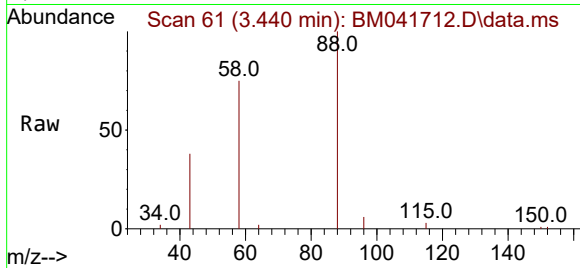




#2
1,4-Dioxane
Concen: 1.227 ng/ul
RT: 3.440 min Scan# 61
Delta R.T. -0.004 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

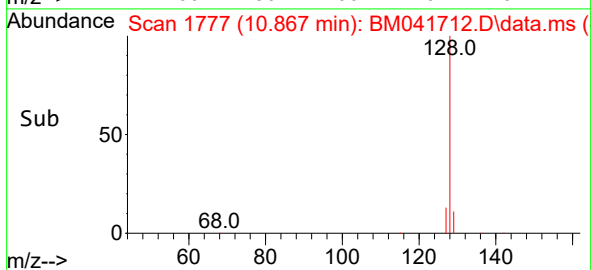
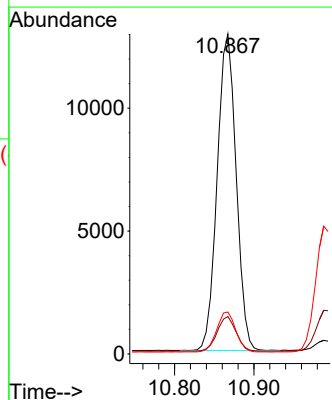
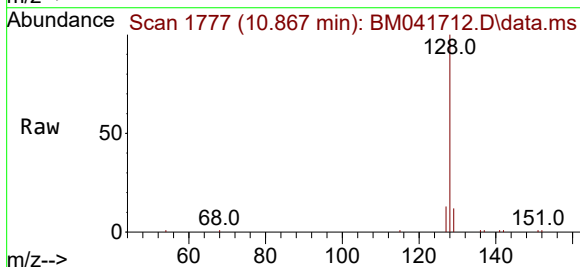
Instrument :
BNA_M
ClientSampleId :
SLCS235

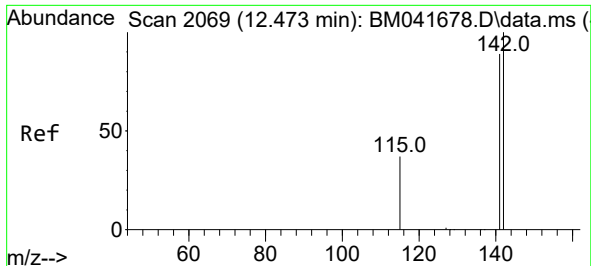
Tgt Ion: 88 Resp: 17671
Ion Ratio Lower Upper
88 100
43 38.3 33.8 50.6
58 75.2 54.2 81.2



#5
Naphthalene
Concen: 0.291 ng/ul
RT: 10.867 min Scan# 1777
Delta R.T. -0.005 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Tgt Ion: 128 Resp: 21414
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 13.1 11.0 16.6

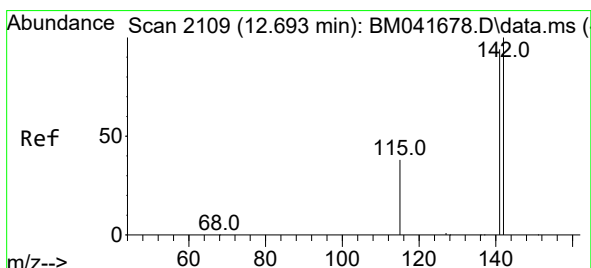
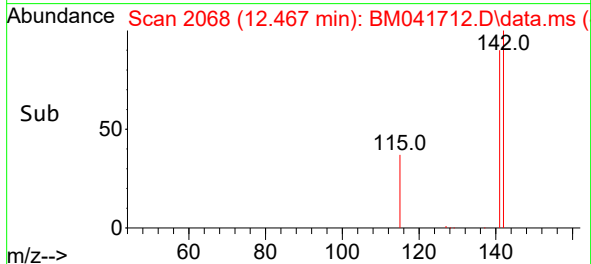
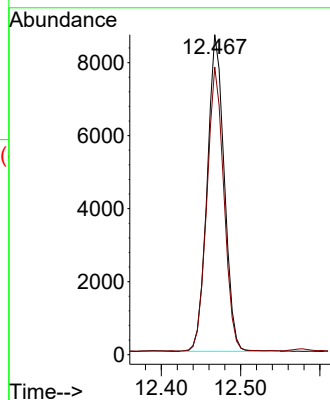
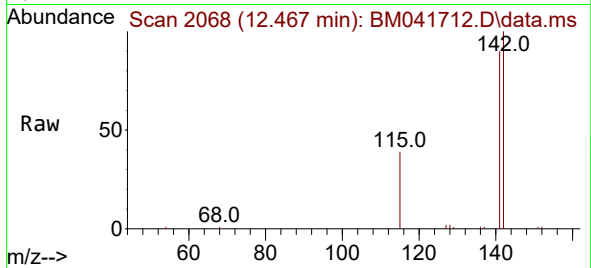




#7
2-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.467 min Scan# 2068
Delta R.T. -0.011 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

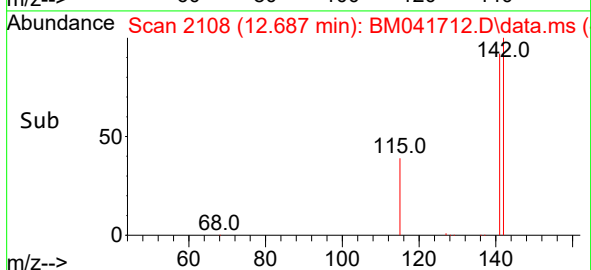
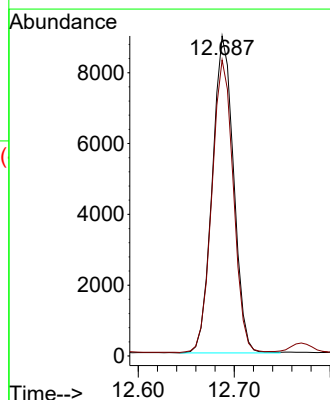
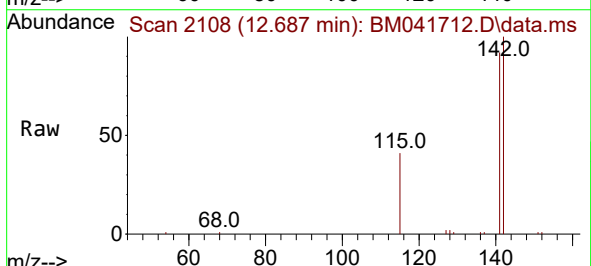
Instrument :
BNA_M
ClientSampleId :
SLCS235

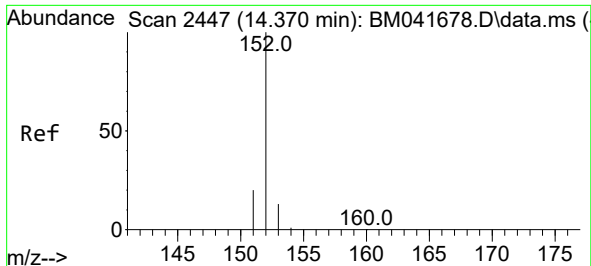
Tgt Ion:142 Resp: 12984
Ion Ratio Lower Upper
142 100
141 89.2 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.687 min Scan# 2108
Delta R.T. -0.011 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Tgt Ion:142 Resp: 13833
Ion Ratio Lower Upper
142 100
141 92.3 74.4 111.6

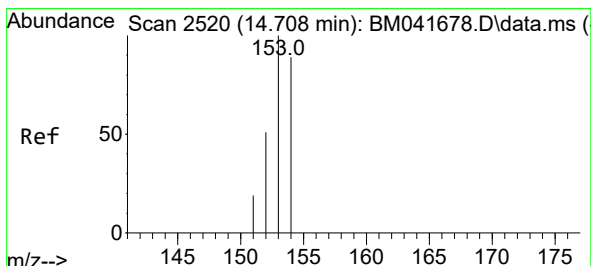
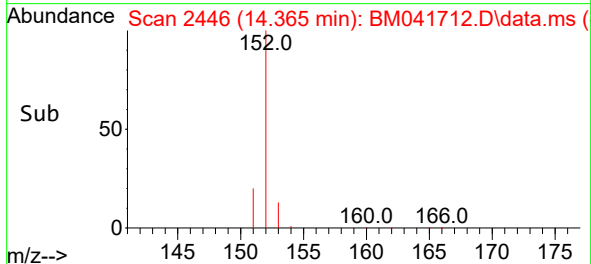
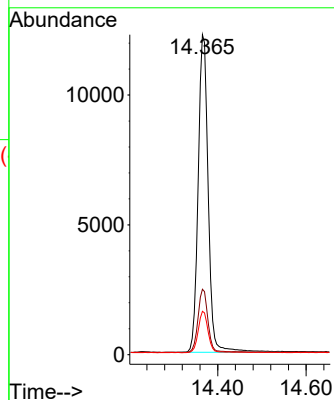
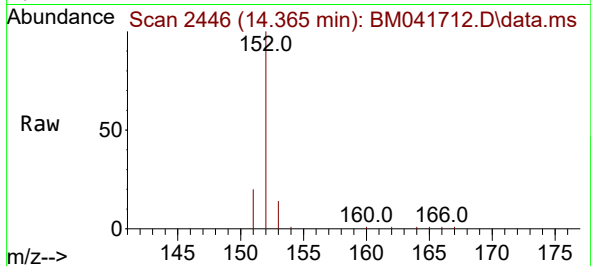




#10
Acenaphthylene
Concen: 0.293 ng/ul
RT: 14.365 min Scan# 2446
Delta R.T. -0.009 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

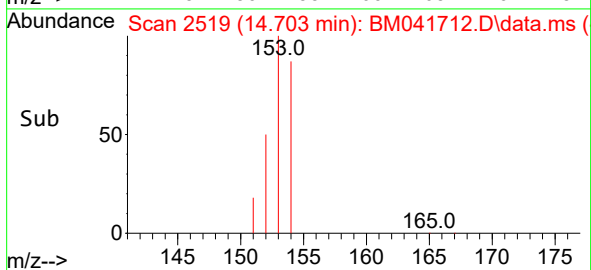
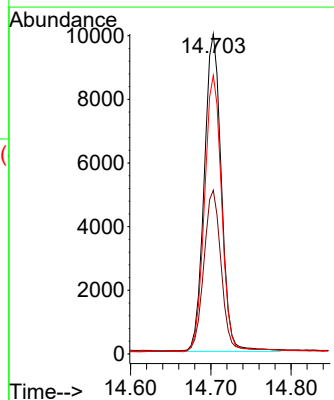
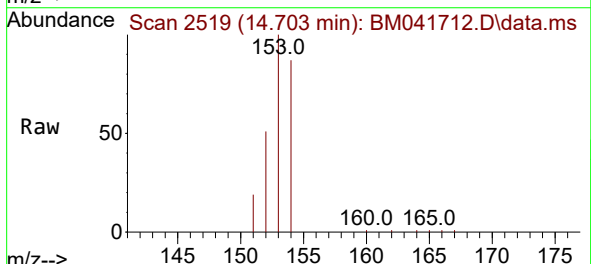
Instrument :
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ClientSampleId :
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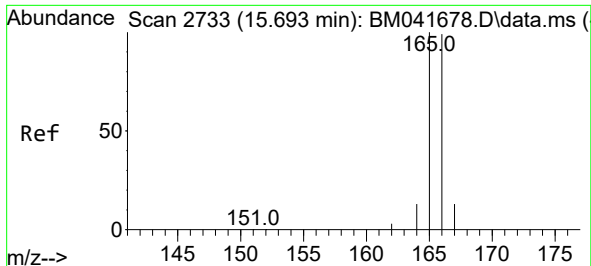
Tgt Ion:152 Resp: 19346
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.6 11.1 16.7



#11
Acenaphthene
Concen: 0.288 ng/ul
RT: 14.703 min Scan# 2519
Delta R.T. -0.009 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Tgt Ion:153 Resp: 14743
Ion Ratio Lower Upper
153 100
152 51.2 43.4 65.2
154 87.1 69.4 104.0

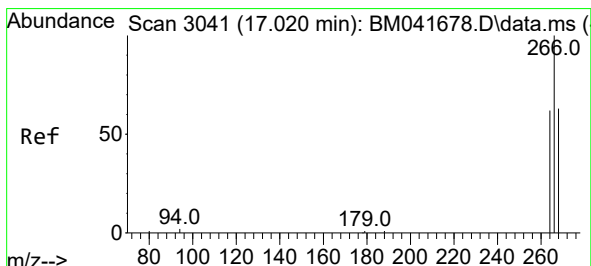
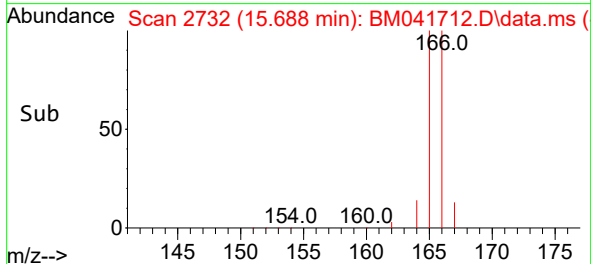
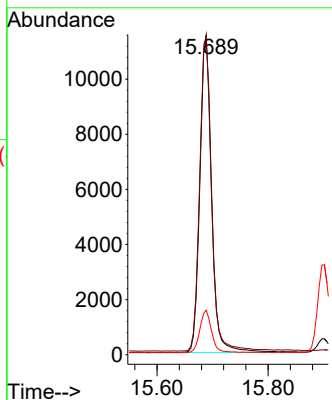
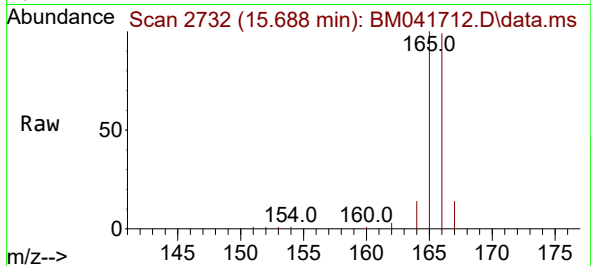




#12
Fluorene
Concen: 0.296 ng/ul
RT: 15.688 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

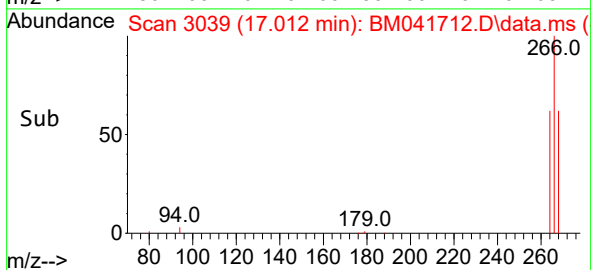
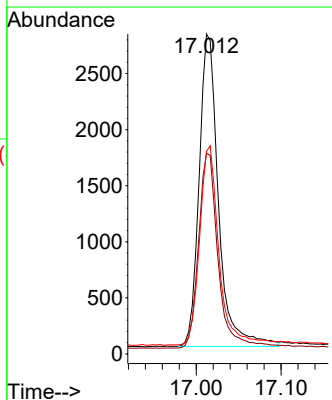
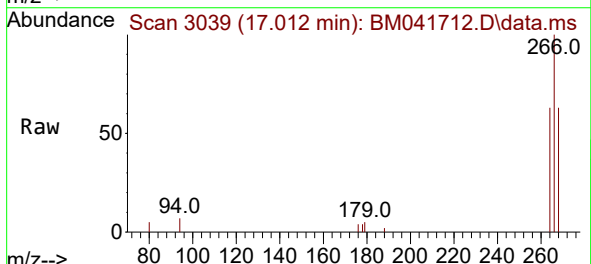
Instrument :
BNA_M
ClientSampleId :
SLCS235

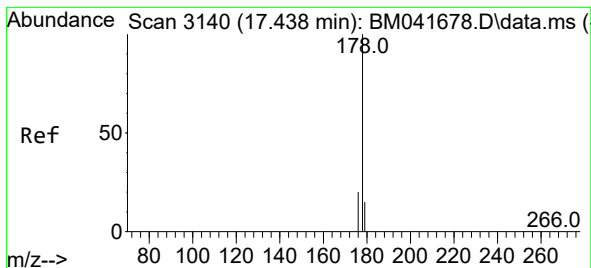
Tgt Ion:166 Resp: 17019
Ion Ratio Lower Upper
166 100
165 100.9 79.4 119.2
167 14.0 11.3 16.9



#14
Pentachlorophenol
Concen: 0.498 ng/ul
RT: 17.012 min Scan# 3039
Delta R.T. -0.013 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Tgt Ion:266 Resp: 4436
Ion Ratio Lower Upper
266 100
264 62.8 50.0 75.0
268 63.7 50.8 76.2





#15

Phenanthrene

Concen: 0.288 ng/ul

RT: 17.434 min Scan# 3140

Delta R.T. -0.008 min

Lab File: BM041712.D

Acq: 08 Sep 2023 01:50

Instrument :

BNA_M

ClientSampleId :

SLCS235

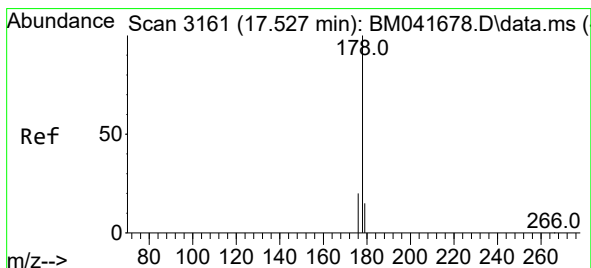
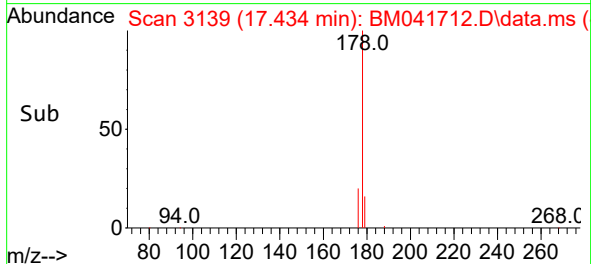
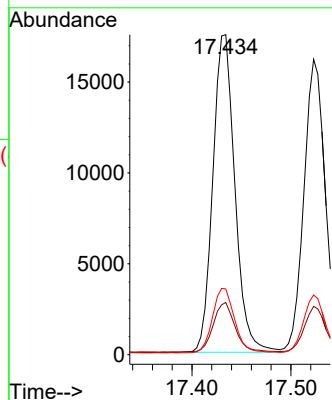
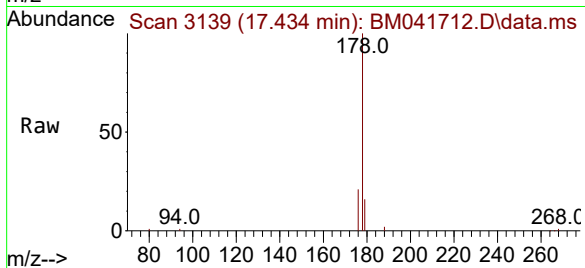
Tgt Ion:178 Resp: 27031

Ion Ratio Lower Upper

178 100

179 16.3 12.9 19.3

176 20.5 16.9 25.3



#16

Anthracene

Concen: 0.310 ng/ul

RT: 17.523 min Scan# 3160

Delta R.T. -0.013 min

Lab File: BM041712.D

Acq: 08 Sep 2023 01:50

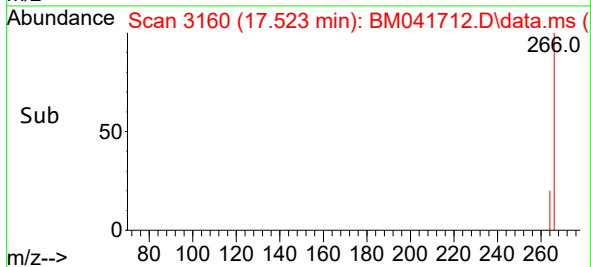
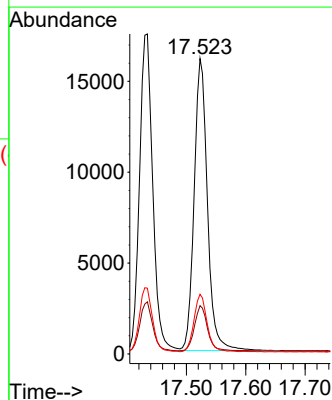
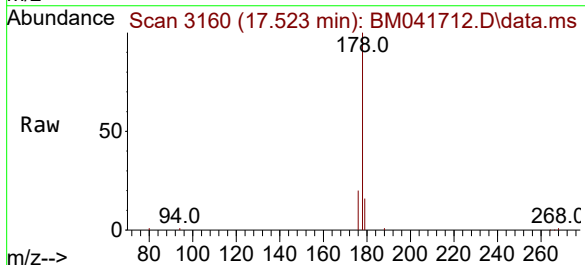
Tgt Ion:178 Resp: 24941

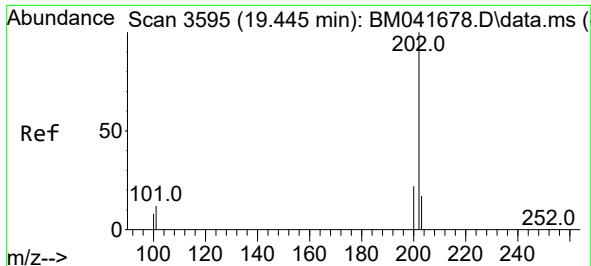
Ion Ratio Lower Upper

178 100

179 16.3 12.9 19.3

176 20.2 15.8 23.8

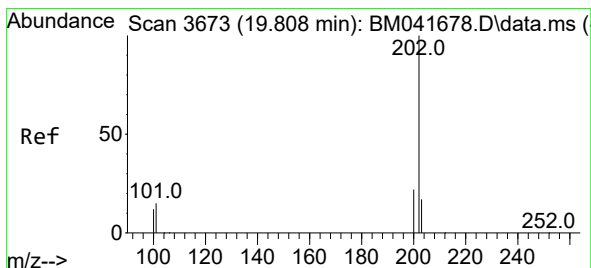
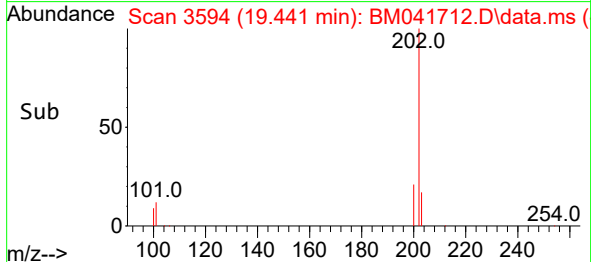
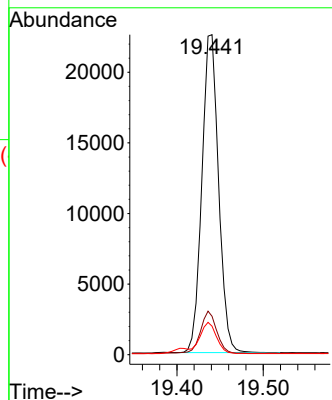
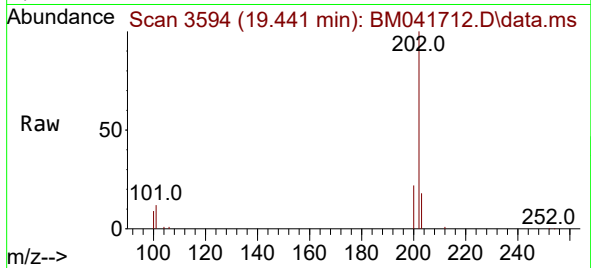




#19
Fluoranthene
Concen: 0.244 ng/ul
RT: 19.441 min Scan# 3594
Delta R.T. -0.009 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

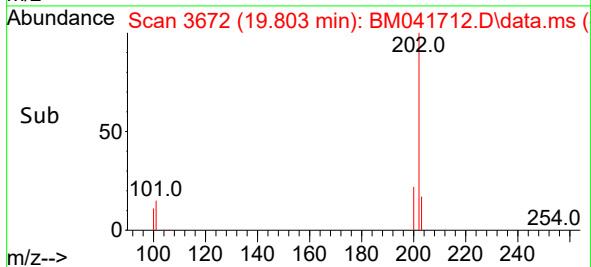
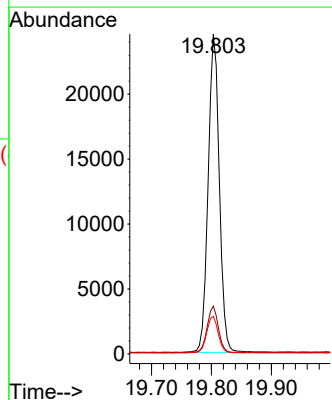
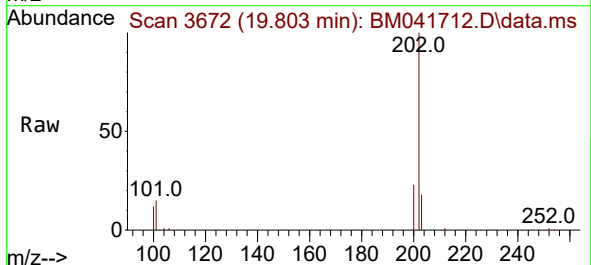
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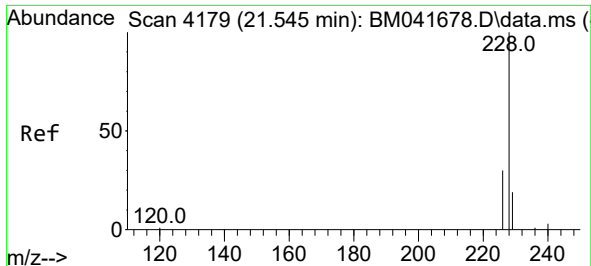
Tgt Ion:202 Resp: 30338
Ion Ratio Lower Upper
202 100
101 12.0 10.5 15.7
100 8.9 8.4 12.6



#20
Pyrene
Concen: 0.257 ng/ul
RT: 19.803 min Scan# 3672
Delta R.T. -0.014 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Tgt Ion:202 Resp: 31751
Ion Ratio Lower Upper
202 100
101 15.0 11.8 17.8
100 11.7 9.8 14.6

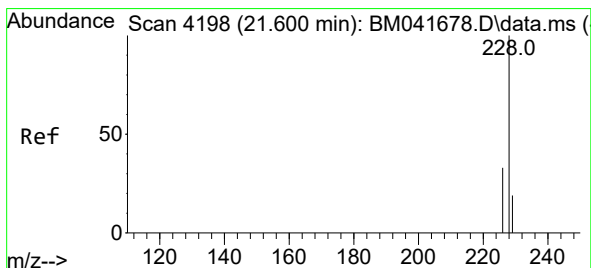
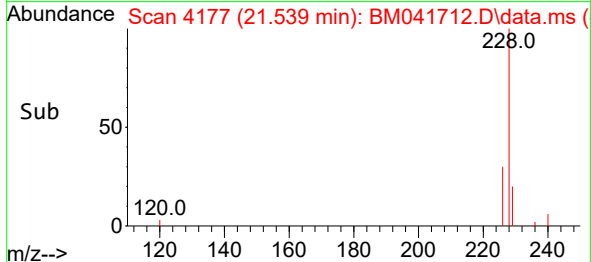
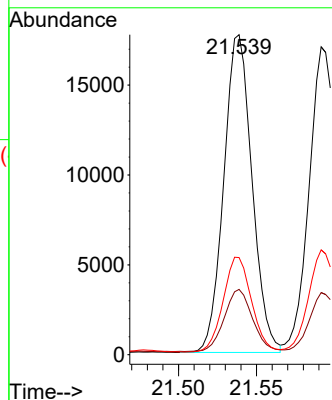
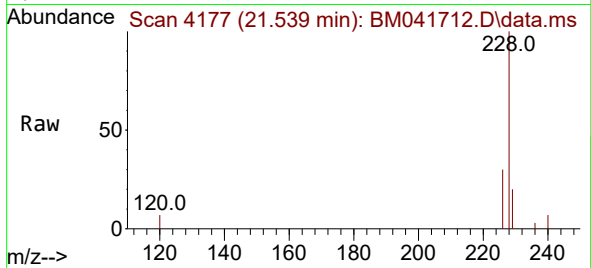




#21
Benzo(a)anthracene
Concen: 0.259 ng/ul
RT: 21.539 min Scan# 4177
Delta R.T. -0.015 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

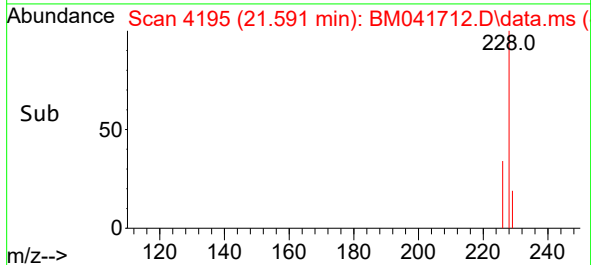
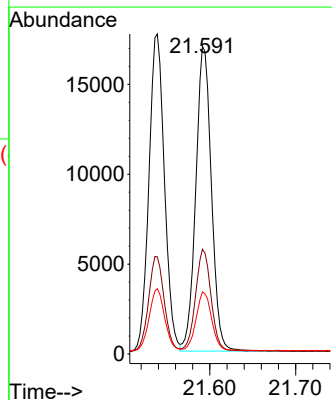
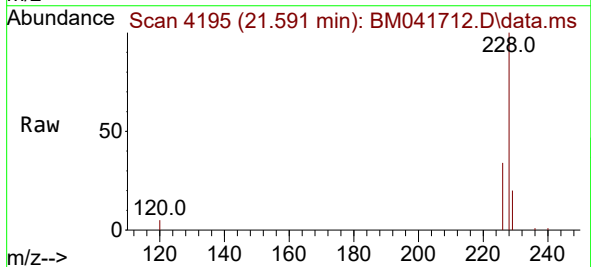
Instrument :
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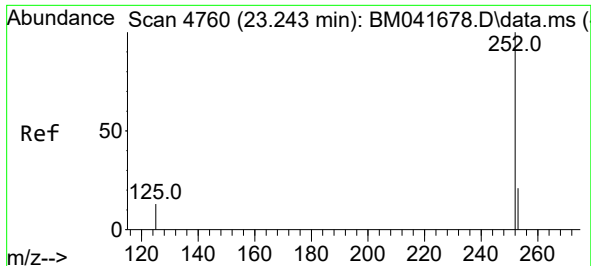
Tgt Ion:228 Resp: 22264
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.6
226 30.4 24.8 37.2



#22
Chrysene
Concen: 0.231 ng/ul
RT: 21.591 min Scan# 4195
Delta R.T. -0.017 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Tgt Ion:228 Resp: 21433
Ion Ratio Lower Upper
228 100
226 34.0 27.0 40.6
229 20.2 15.4 23.2

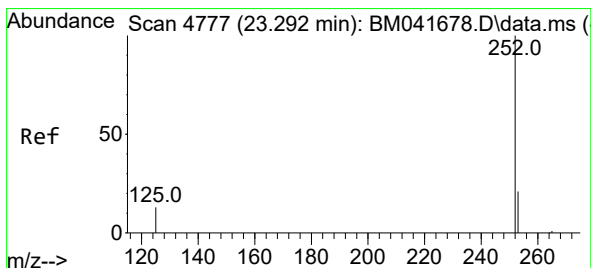
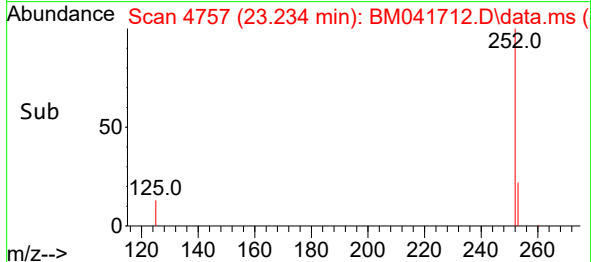
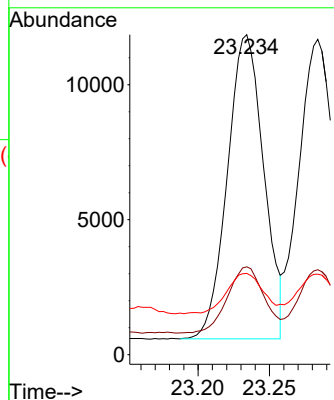
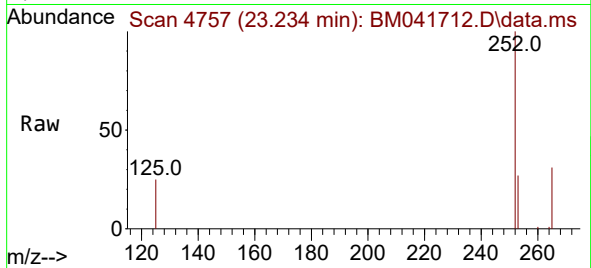




#24
Benzo(b)fluoranthene
Concen: 0.216 ng/ul
RT: 23.234 min Scan# 4757
Delta R.T. -0.018 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

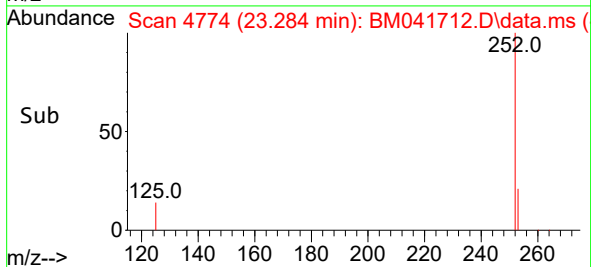
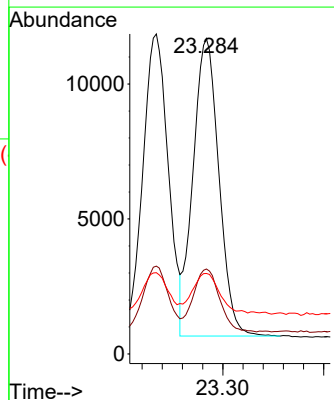
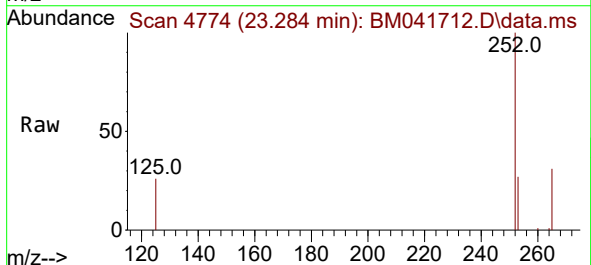
Instrument :
BNA_M
ClientSampleId :
SLCS235

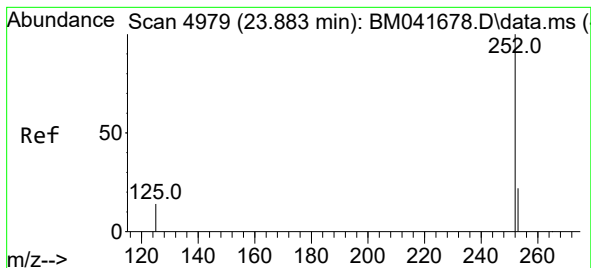
Tgt Ion:252 Resp: 19926
Ion Ratio Lower Upper
252 100
253 27.5 0.0 52.4
125 25.4 0.0 42.8



#25
Benzo(k)fluoranthene
Concen: 0.218 ng/ul
RT: 23.284 min Scan# 4774
Delta R.T. -0.020 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Tgt Ion:252 Resp: 19636
Ion Ratio Lower Upper
252 100
253 26.9 21.3 31.9
125 25.5 17.4 26.0





#26

Benzo(a)pyrene

Concen: 0.225 ng/ul

RT: 23.874 min Scan# 4979

Delta R.T. -0.023 min

Lab File: BM041712.D

Acq: 08 Sep 2023 01:50

Instrument :

BNA_M

ClientSampleId :

SLCS235

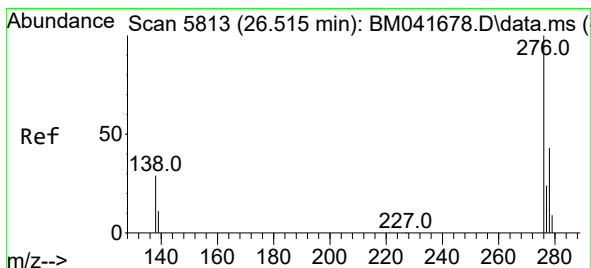
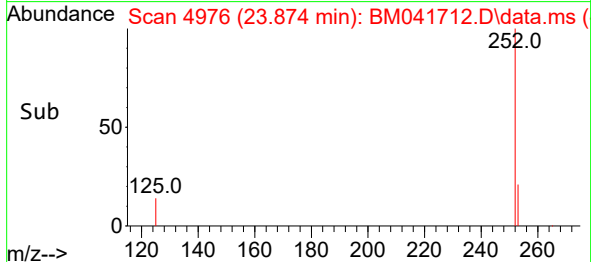
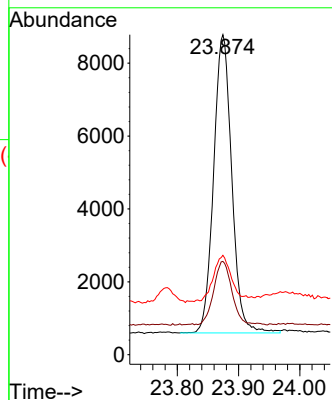
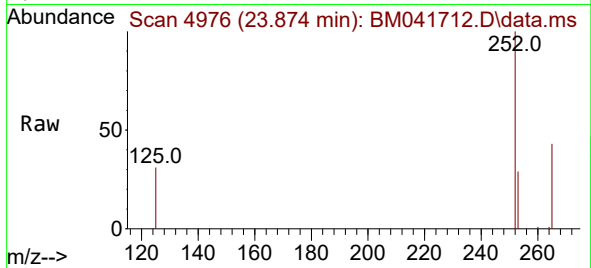
Tgt Ion:252 Resp: 16839

Ion Ratio Lower Upper

252 100

253 29.1 22.4 33.6

125 31.0 21.0 31.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.205 ng/ul

RT: 26.502 min Scan# 5809

Delta R.T. -0.030 min

Lab File: BM041712.D

Acq: 08 Sep 2023 01:50

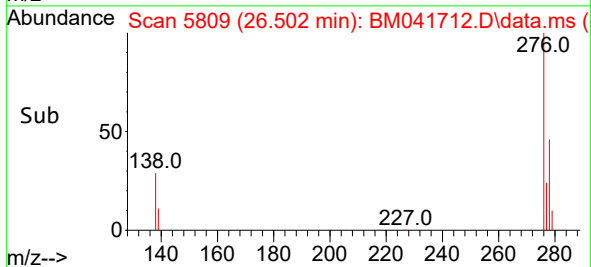
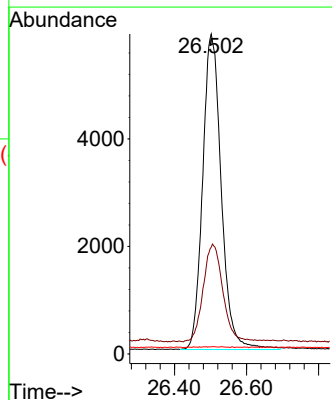
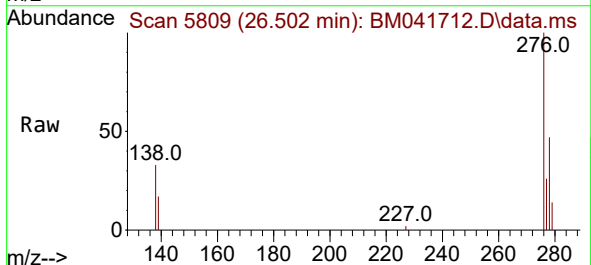
Tgt Ion:276 Resp: 21048

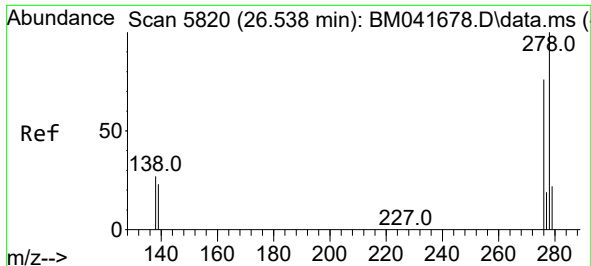
Ion Ratio Lower Upper

276 100

138 32.9 26.4 39.6

227 0.1 0.1 0.1#

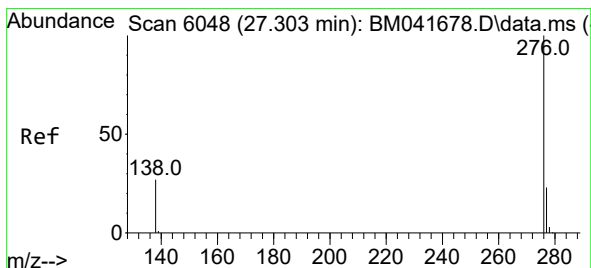
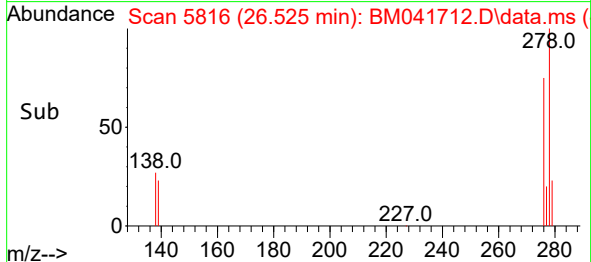
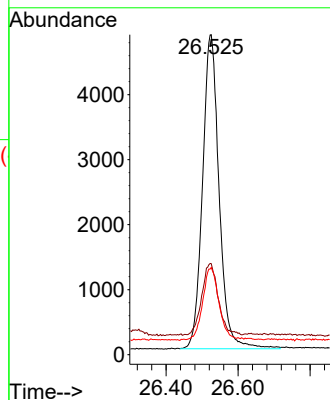
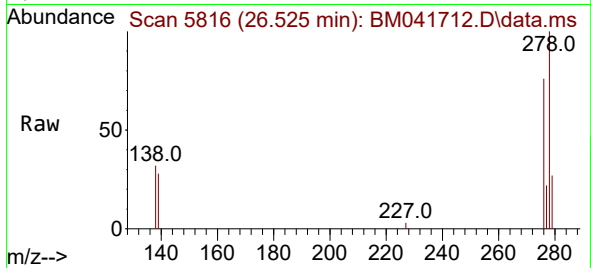




#28
Dibenzo(a,h)anthracene
Concen: 0.214 ng/ul
RT: 26.525 min Scan# 5816
Delta R.T. -0.026 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Instrument :
BNA_M
ClientSampleId :
SLCS235

Tgt Ion:278 Resp: 15426
Ion Ratio Lower Upper
278 100
139 28.4 23.0 34.6
279 27.3 22.9 34.3



#29
Benzo(g,h,i)perylene
Concen: 0.192 ng/ul
RT: 27.283 min Scan# 6042
Delta R.T. -0.033 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Tgt Ion:276 Resp: 17465
Ion Ratio Lower Upper
276 100
138 31.5 25.0 37.4
277 25.3 20.2 30.2

