

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038967.D
 Acq On : 10 Mar 2023 05:19
 Operator : CG/JU
 Sample : PB151259BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS259

Quant Time: Mar 10 05:54:48 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 13:36:03 2023
 Response via : Initial Calibration

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

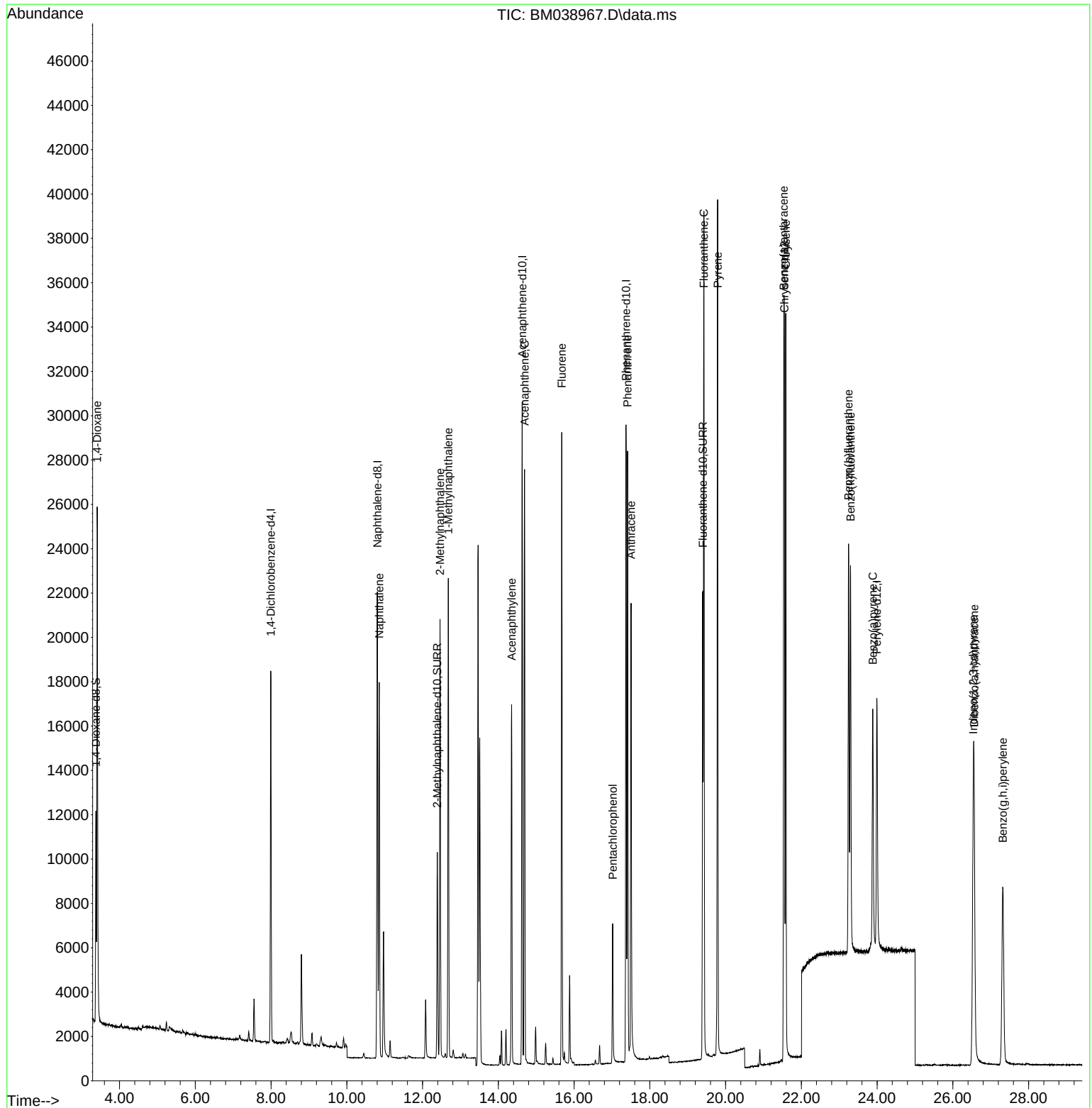
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.995	152	8302	0.400	ng/u1	0.00
4) Naphthalene-d8	10.806	136	27793	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.628	164	15651	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.370	188	32773	0.400	ng/u1	0.00
17) Chrysene-d12	21.553	240	24689	0.400	ng/u1	0.00
23) Perylene-d12	23.993	264	16690	0.400	ng/u1	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	6196	0.660	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.389	152	11625	0.346	ng/u1	0.00
18) Fluoranthene-d10	19.398	212	22892	0.390	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.409	88	15942	1.676	ng/u1	92
5) Naphthalene	10.855	128	22608	0.340	ng/u1	100
7) 2-Methylnaphthalene	12.461	142	13935	0.346	ng/u1	100
8) 1-Methylnaphthalene	12.681	142	14613	0.345	ng/u1	99
10) Acenaphthylene	14.350	152	18168	0.319	ng/u1	99
11) Acenaphthene	14.693	153	15459	0.330	ng/u1	97
12) Fluorene	15.674	166	17408	0.329	ng/u1	99
14) Pentachlorophenol	17.020	266	4324	0.548	ng/u1	99
15) Phenanthrene	17.412	178	28591	0.330	ng/u1	99
16) Anthracene	17.505	178	23610	0.331	ng/u1	100
19) Fluoranthene	19.426	202	31684	0.379	ng/u1	99
20) Pyrene	19.789	202	32117	0.374	ng/u1	98
21) Benzo(a)anthracene	21.535	228	25634	0.367	ng/u1	100
22) Chrysene	21.588	228	28592	0.340	ng/u1	99
24) Benzo(b)fluoranthene	23.248	252	24934	0.382	ng/u1	96
25) Benzo(k)fluoranthene	23.298	252	23140	0.355	ng/u1	97
26) Benzo(a)pyrene	23.885	252	18170	0.349	ng/u1#	94
27) Indeno(1,2,3-cd)pyrene	26.538	276	21383	0.325	ng/u1#	97
28) Dibenzo(a,h)anthracene	26.561	278	17188	0.343	ng/u1	98
29) Benzo(g,h,i)perylene	27.316	276	18598	0.304	ng/u1	98

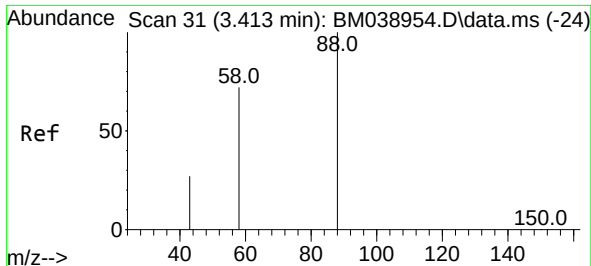
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
Data File : BM038967.D
Acq On : 10 Mar 2023 05:19
Operator : CG/JU
Sample : PB151259BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS259

Quant Time: Mar 10 05:54:48 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 13:36:03 2023
Response via : Initial Calibration

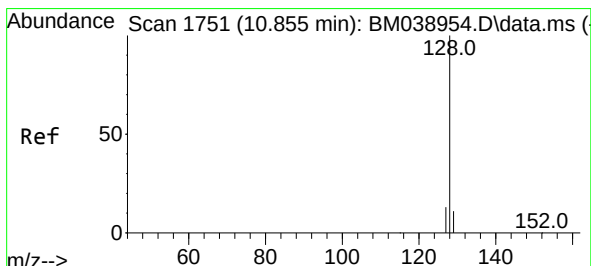
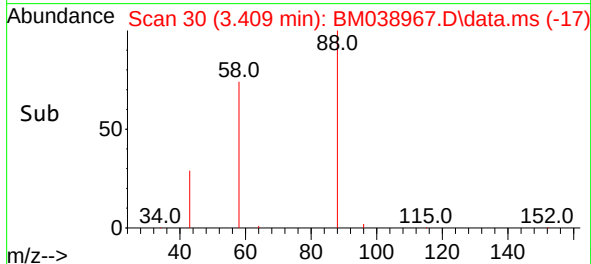
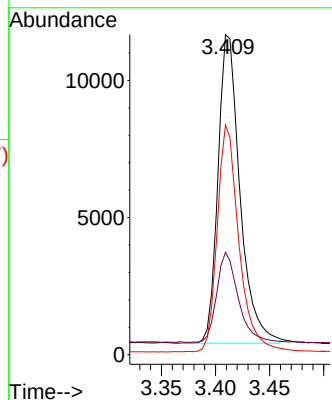
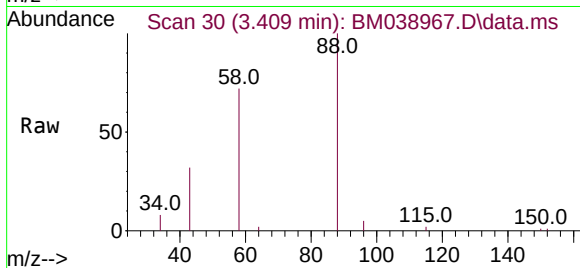




#2
1,4-Dioxane
Concen: 1.676 ng/ul
RT: 3.409 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM038967.D
Acq: 10 Mar 2023 05:19

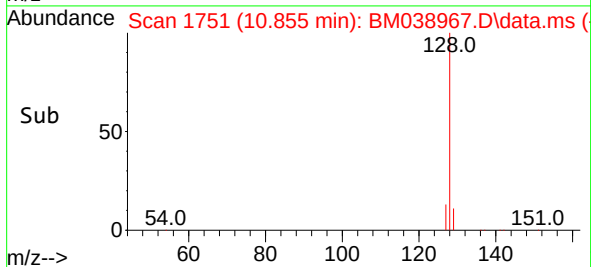
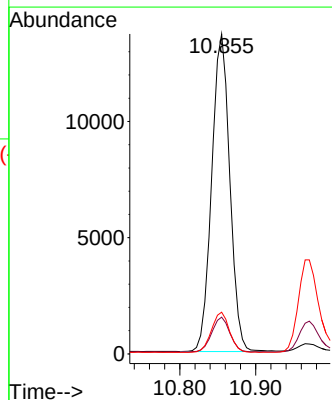
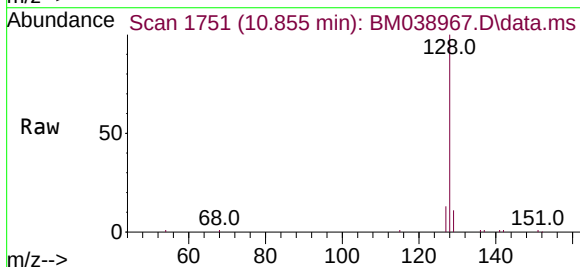
Instrument :
BNA_M
ClientSampleId :
SLCS259

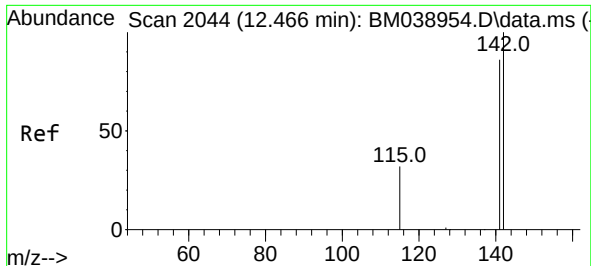
Tgt Ion: 88 Resp: 15942
Ion Ratio Lower Upper
88 100
43 32.0 27.2 40.8
58 71.8 50.8 76.2



#5
Naphthalene
Concen: 0.340 ng/ul
RT: 10.855 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BM038967.D
Acq: 10 Mar 2023 05:19

Tgt Ion: 128 Resp: 22608
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.0 10.3 15.5

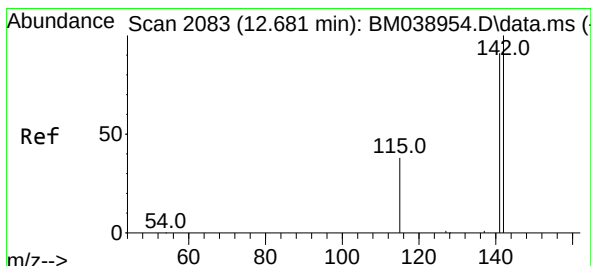
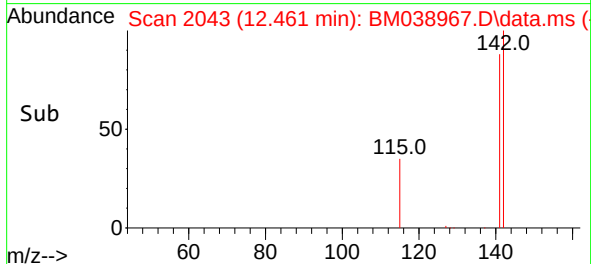
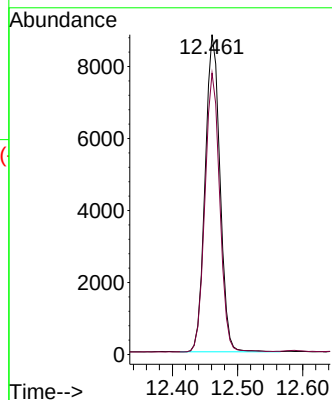
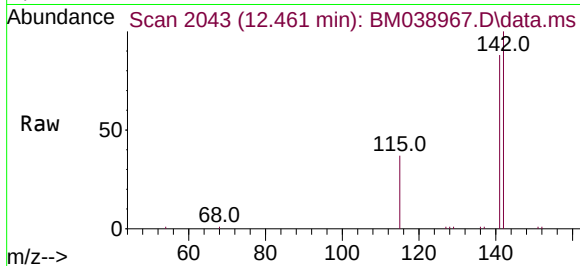




#7
2-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.461 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BM038967.D
Acq: 10 Mar 2023 05:19

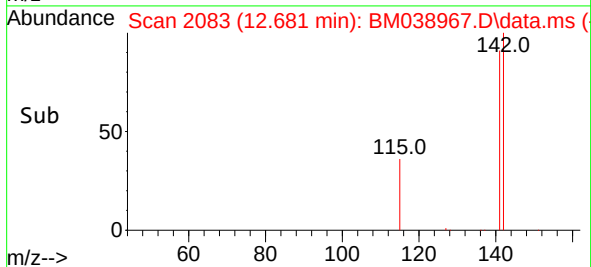
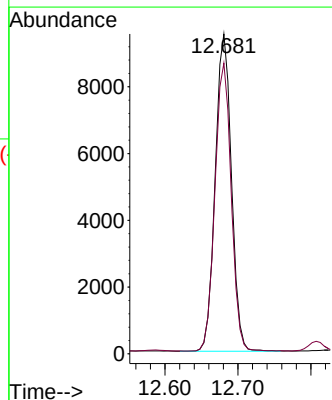
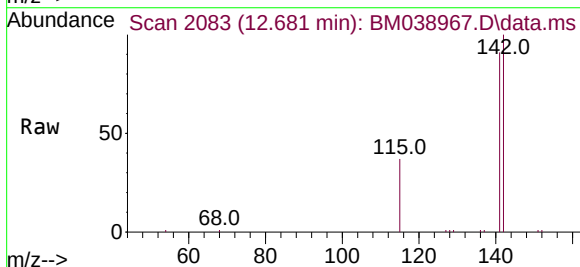
Instrument :
BNA_M
ClientSampleId :
SLCS259

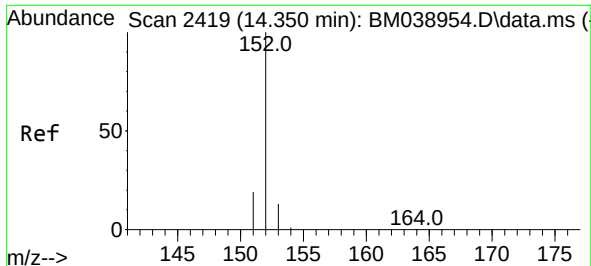
Tgt Ion:142 Resp: 13935
Ion Ratio Lower Upper
142 100
141 87.8 69.9 104.9



#8
1-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.681 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BM038967.D
Acq: 10 Mar 2023 05:19

Tgt Ion:142 Resp: 14613
Ion Ratio Lower Upper
142 100
141 91.1 73.5 110.3

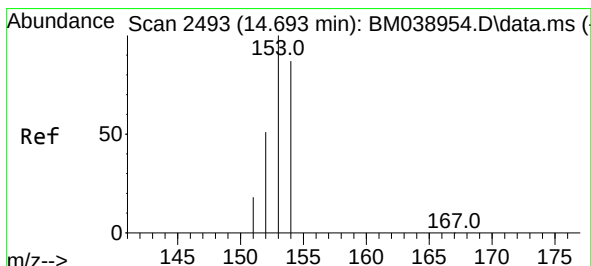
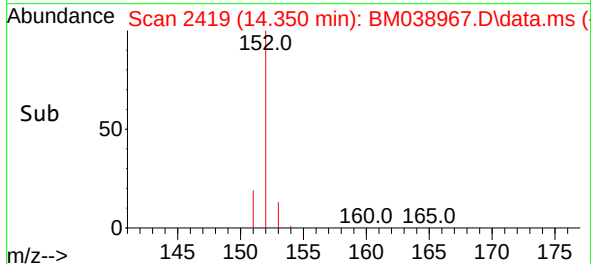
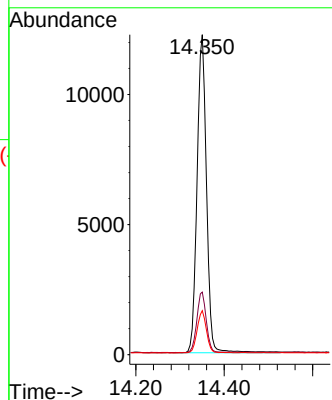
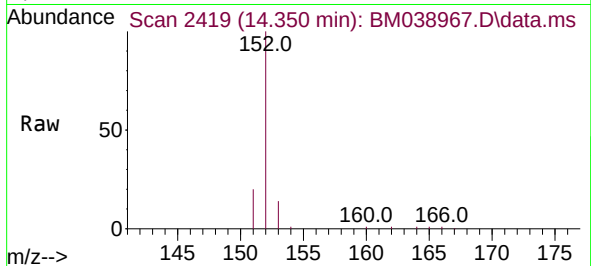




#10
Acenaphthylene
Concen: 0.319 ng/ul
RT: 14.350 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BM038967.D
Acq: 10 Mar 2023 05:19

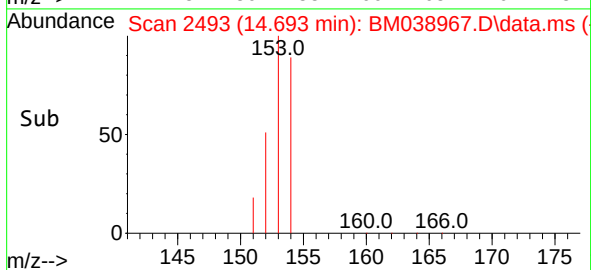
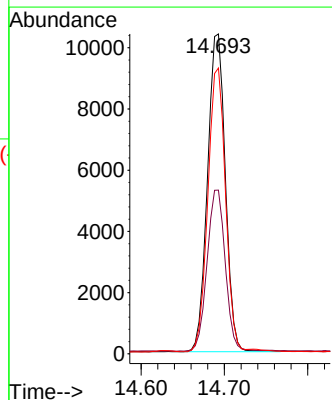
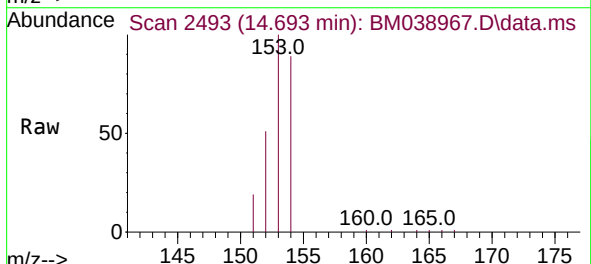
Instrument :
BNA_M
ClientSampleId :
SLCS259

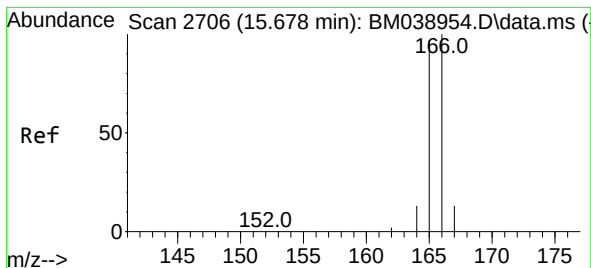
Tgt Ion:152	Resp:	18168
Ion Ratio	Lower	Upper
152	100	
151	19.5	15.6 23.4
153	13.7	10.6 15.8



#11
Acenaphthene
Concen: 0.330 ng/ul
RT: 14.693 min Scan# 2493
Delta R.T. -0.000 min
Lab File: BM038967.D
Acq: 10 Mar 2023 05:19

Tgt Ion:153	Resp:	15459
Ion Ratio	Lower	Upper
153	100	
152	51.2	44.2 66.2
154	89.3	70.6 105.8





#12

Fluorene

Concen: 0.329 ng/ul

RT: 15.674 min Scan# 2706

Delta R.T. -0.005 min

Lab File: BM038967.D

Acq: 10 Mar 2023 05:19

Instrument :

BNA_M

ClientSampleId :

SLCS259

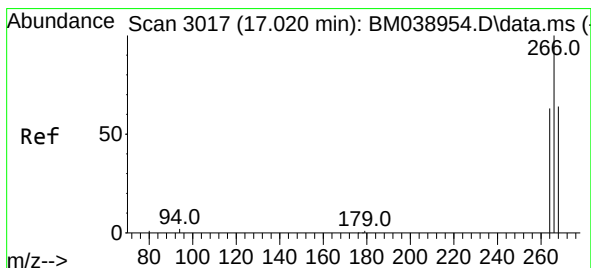
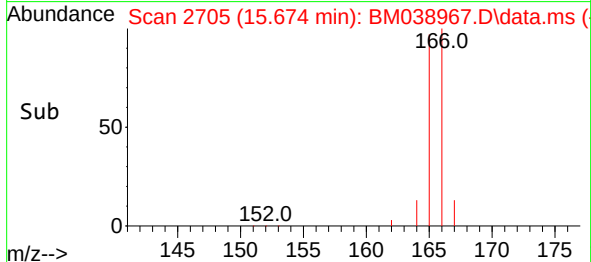
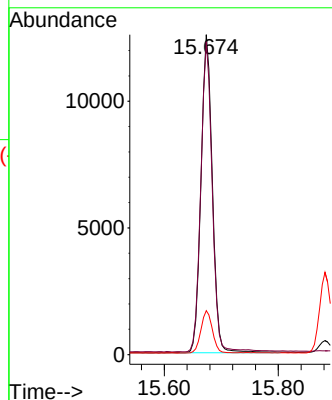
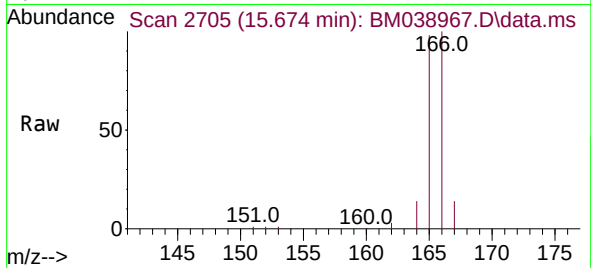
Tgt Ion:166 Resp: 17408

Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.6

167 13.7 11.4 17.2



#14

Pentachlorophenol

Concen: 0.548 ng/ul

RT: 17.020 min Scan# 3017

Delta R.T. -0.000 min

Lab File: BM038967.D

Acq: 10 Mar 2023 05:19

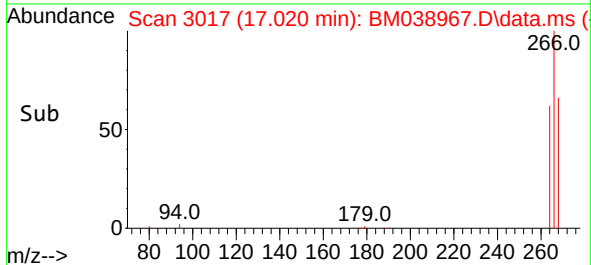
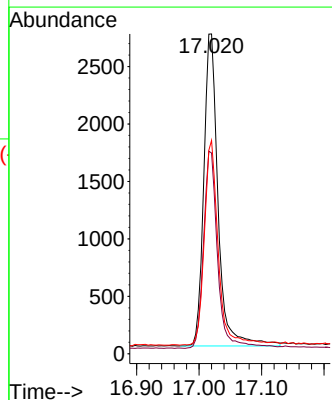
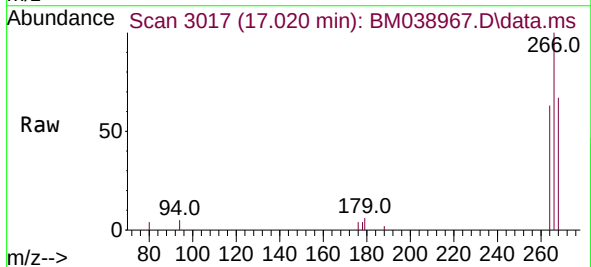
Tgt Ion:266 Resp: 4324

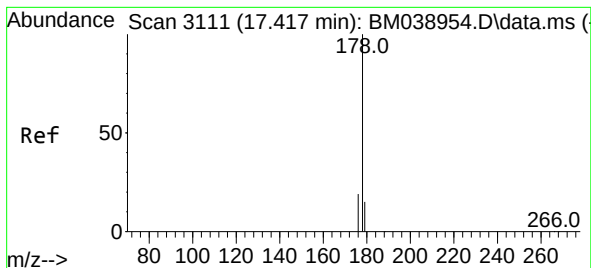
Ion Ratio Lower Upper

266 100

264 62.3 50.2 75.2

268 64.2 50.2 75.4





#15

Phenanthrene

Concen: 0.330 ng/ul

RT: 17.412 min Scan# 3111

Delta R.T. -0.004 min

Lab File: BM038967.D

Acq: 10 Mar 2023 05:19

Instrument :

BNA_M

ClientSampleId :

SLCS259

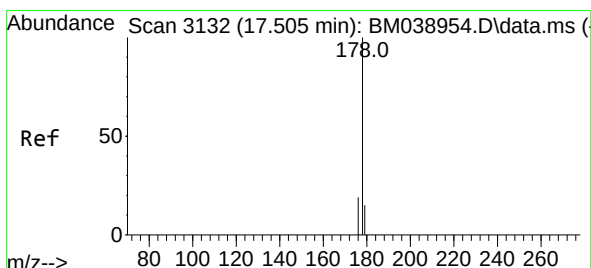
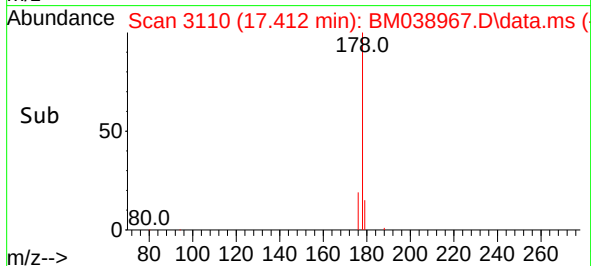
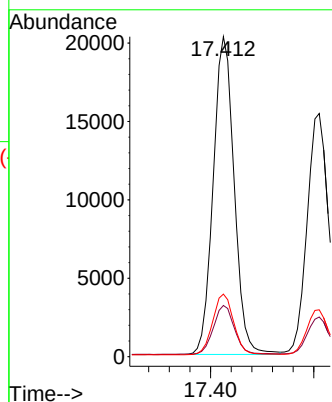
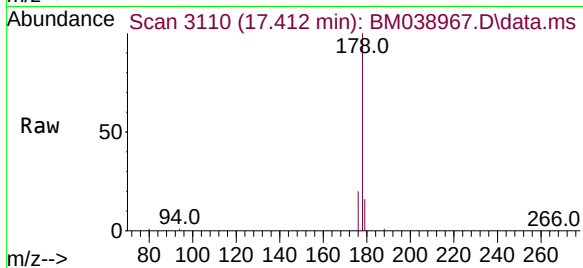
Tgt Ion:178 Resp: 28591

Ion Ratio Lower Upper

178 100

179 16.0 12.7 19.1

176 19.5 15.9 23.9



#16

Anthracene

Concen: 0.331 ng/ul

RT: 17.505 min Scan# 3132

Delta R.T. -0.000 min

Lab File: BM038967.D

Acq: 10 Mar 2023 05:19

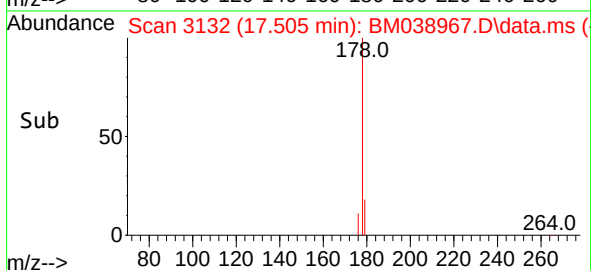
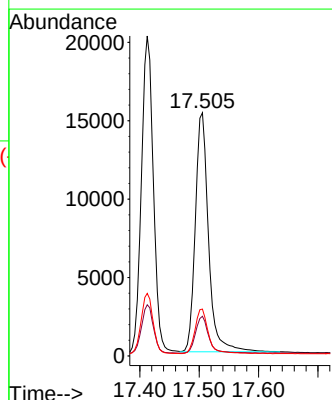
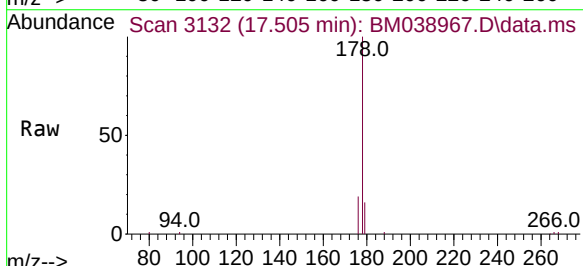
Tgt Ion:178 Resp: 23610

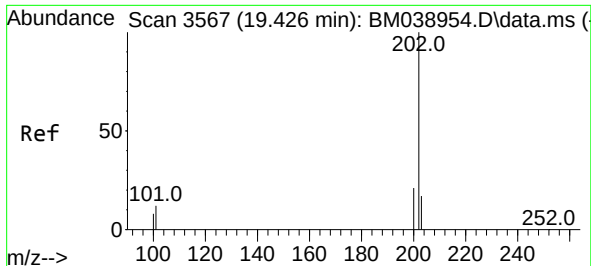
Ion Ratio Lower Upper

178 100

179 16.3 13.0 19.6

176 19.3 15.4 23.2

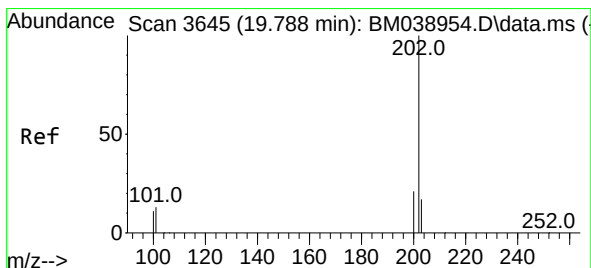
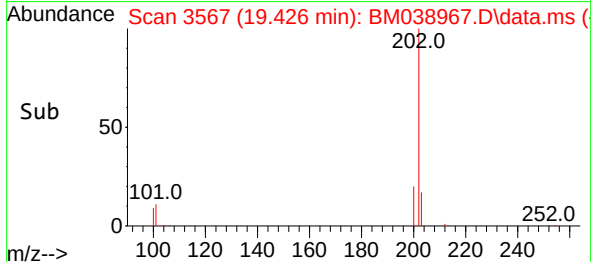
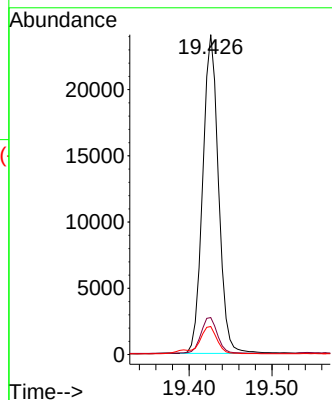
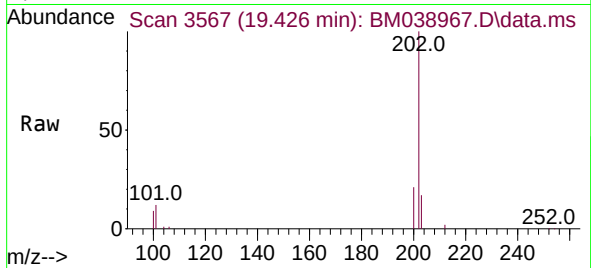




#19
Fluoranthene
Concen: 0.379 ng/ul
RT: 19.426 min Scan# 31684
Delta R.T. -0.000 min
Lab File: BM038967.D
Acq: 10 Mar 2023 05:19

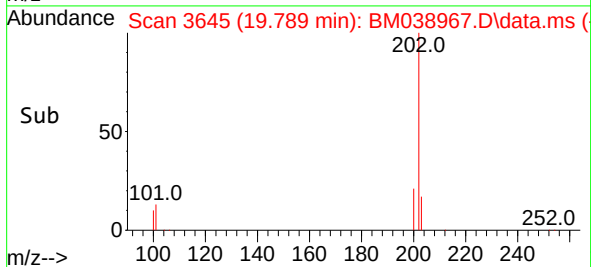
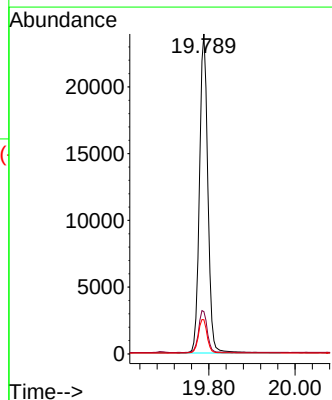
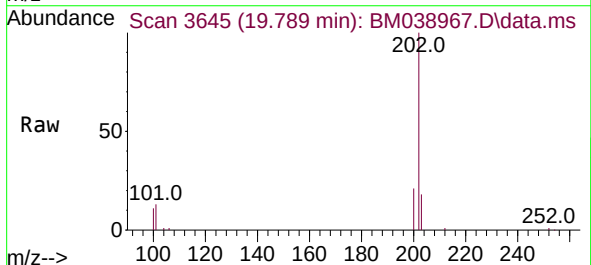
Instrument :
BNA_M
ClientSampleId :
SLCS259

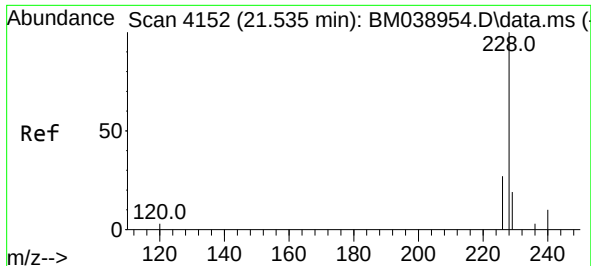
Tgt Ion:	202	Resp:	31684
Ion Ratio	Lower	Upper	
202	100		
101	11.6	8.9	13.3
100	8.8	6.8	10.2



#20
Pyrene
Concen: 0.374 ng/ul
RT: 19.789 min Scan# 3645
Delta R.T. -0.000 min
Lab File: BM038967.D
Acq: 10 Mar 2023 05:19

Tgt Ion:	202	Resp:	32117
Ion Ratio	Lower	Upper	
202	100		
101	13.2	11.2	16.8
100	10.7	9.0	13.6

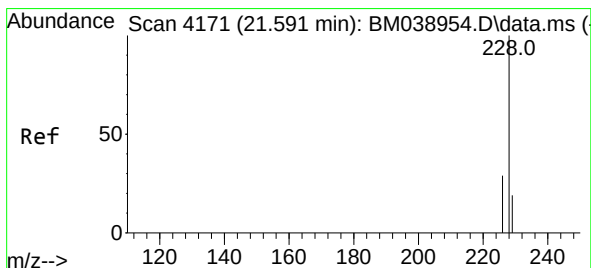
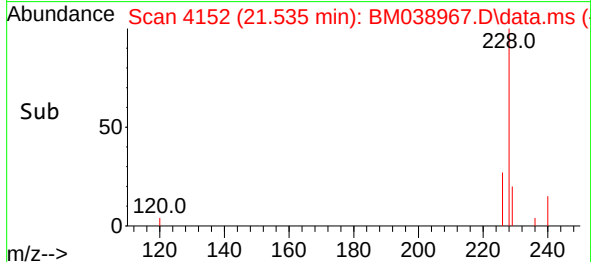
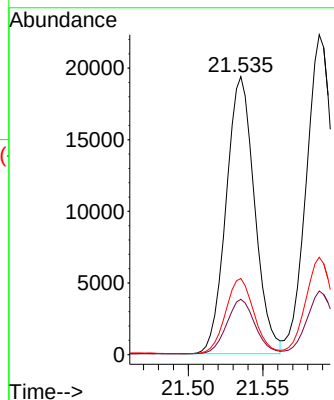
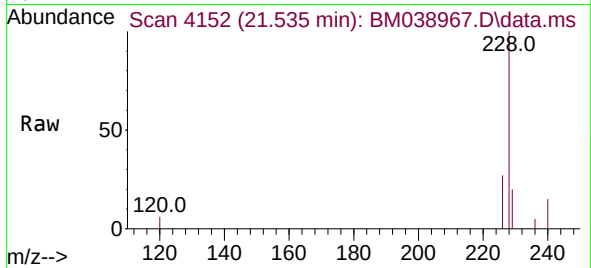




#21
Benzo(a)anthracene
Concen: 0.367 ng/ul
RT: 21.535 min Scan# 4152
Delta R.T. -0.003 min
Lab File: BM038967.D
Acq: 10 Mar 2023 05:19

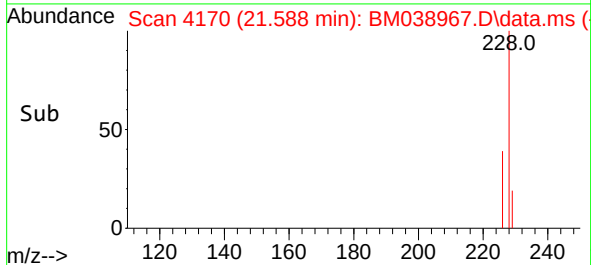
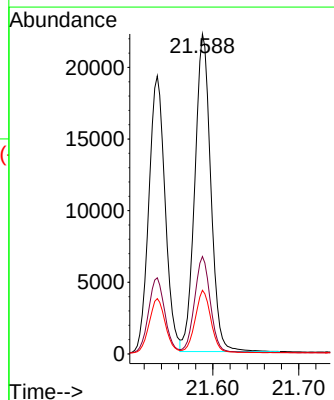
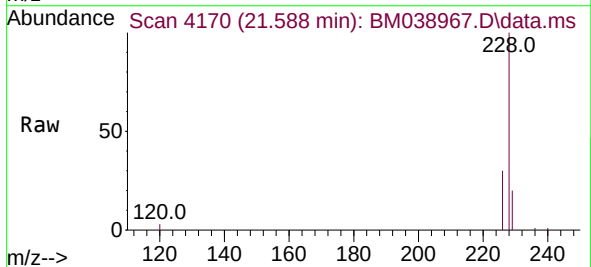
Instrument :
BNA_M
ClientSampleId :
SLCS259

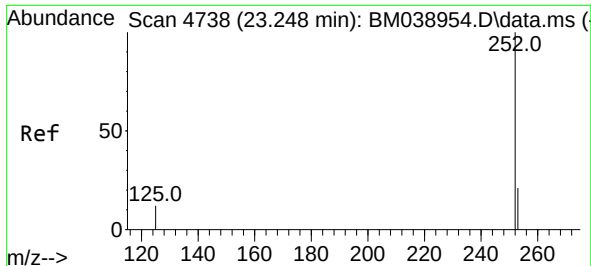
Tgt Ion:228 Resp: 25634
Ion Ratio Lower Upper
228 100
229 19.9 15.6 23.4
226 27.4 22.0 33.0



#22
Chrysene
Concen: 0.340 ng/ul
RT: 21.588 min Scan# 4170
Delta R.T. -0.003 min
Lab File: BM038967.D
Acq: 10 Mar 2023 05:19

Tgt Ion:228 Resp: 28592
Ion Ratio Lower Upper
228 100
226 30.4 24.0 36.0
229 19.9 15.7 23.5

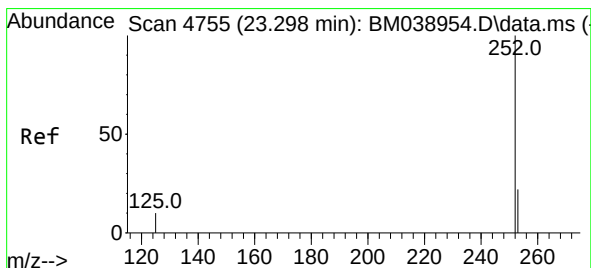
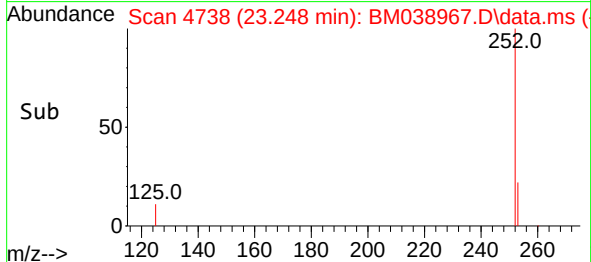
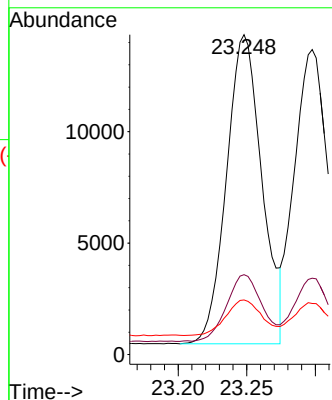
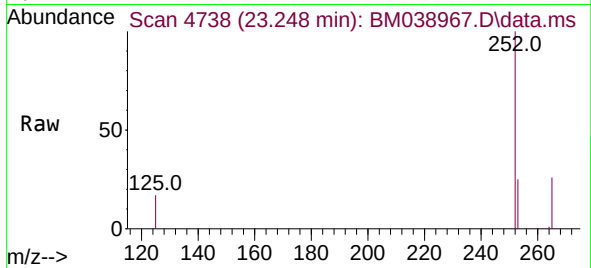




#24
Benzo(b)fluoranthene
Concen: 0.382 ng/ul
RT: 23.248 min Scan# 4738
Delta R.T. -0.003 min
Lab File: BM038967.D
Acq: 10 Mar 2023 05:19

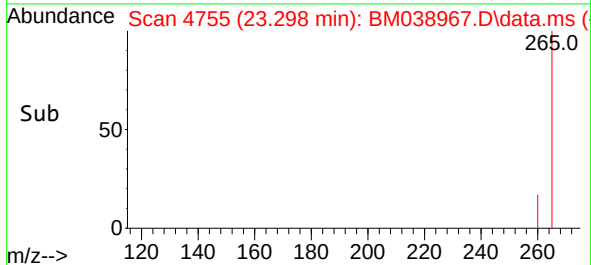
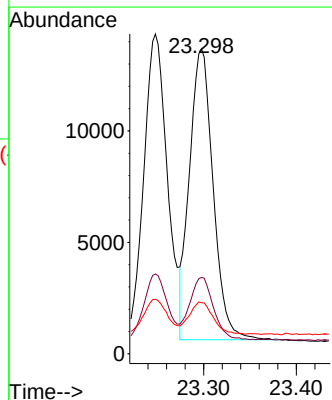
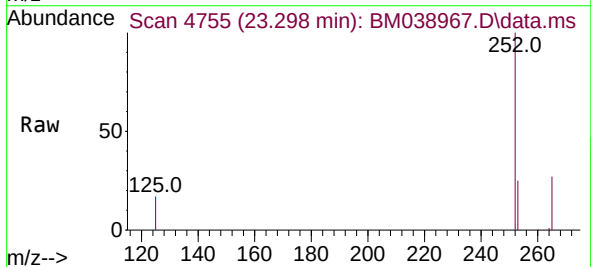
Instrument :
BNA_M
ClientSampleId :
SLCS259

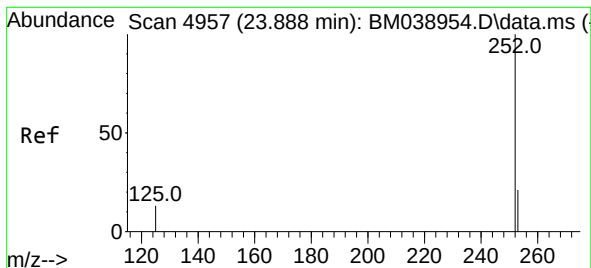
Tgt Ion:252 Resp: 24934
Ion Ratio Lower Upper
252 100
253 25.0 0.0 47.6
125 17.1 0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.355 ng/ul
RT: 23.298 min Scan# 4755
Delta R.T. -0.003 min
Lab File: BM038967.D
Acq: 10 Mar 2023 05:19

Tgt Ion:252 Resp: 23140
Ion Ratio Lower Upper
252 100
253 25.0 19.2 28.8
125 16.7 11.8 17.6





#26

Benzo(a)pyrene

Concen: 0.349 ng/ul

RT: 23.885 min Scan# 4957

Delta R.T. -0.003 min

Lab File: BM038967.D

Acq: 10 Mar 2023 05:19

Instrument :

BNA_M

ClientSampleId :

SLCS259

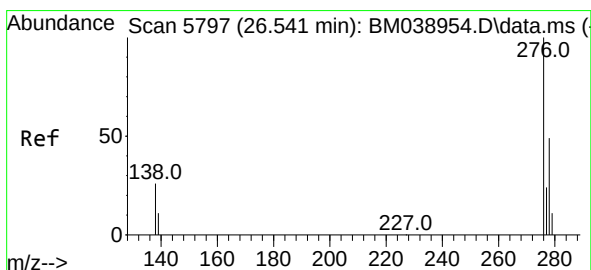
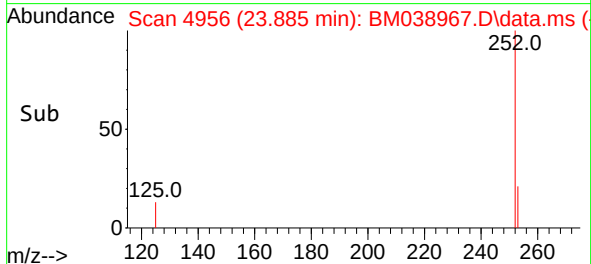
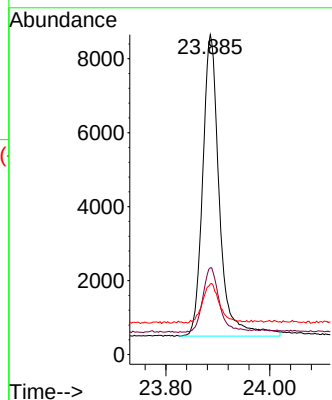
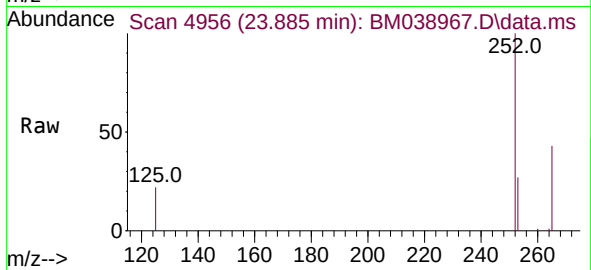
Tgt Ion:252 Resp: 18170

Ion Ratio Lower Upper

252 100

253 27.1 20.3 30.5

125 22.1 14.0 21.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.325 ng/ul

RT: 26.538 min Scan# 5796

Delta R.T. -0.007 min

Lab File: BM038967.D

Acq: 10 Mar 2023 05:19

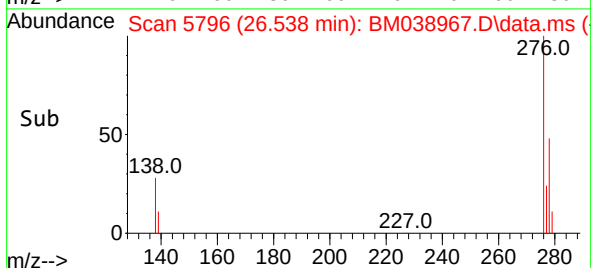
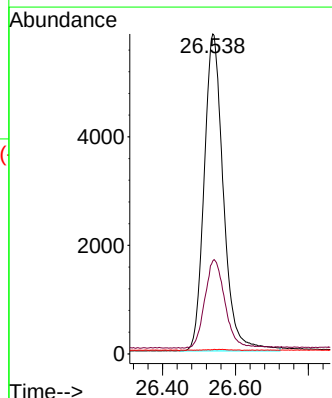
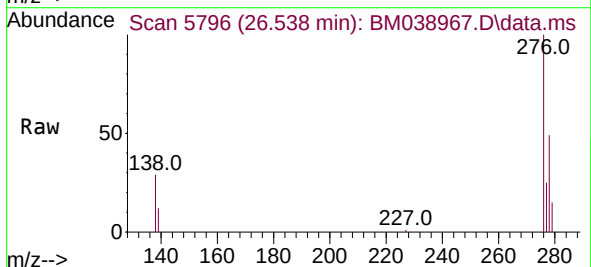
Tgt Ion:276 Resp: 21383

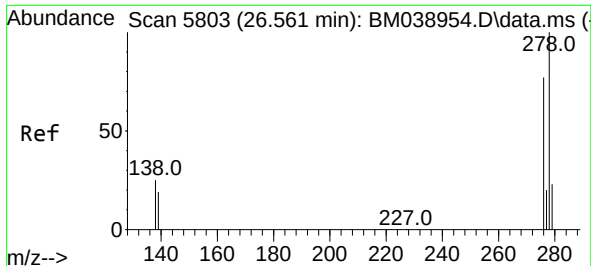
Ion Ratio Lower Upper

276 100

138 29.3 22.2 33.4

227 0.0 0.2 0.2#

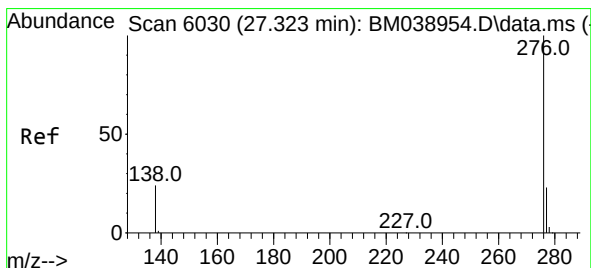
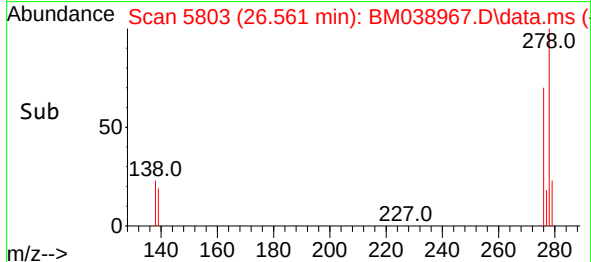
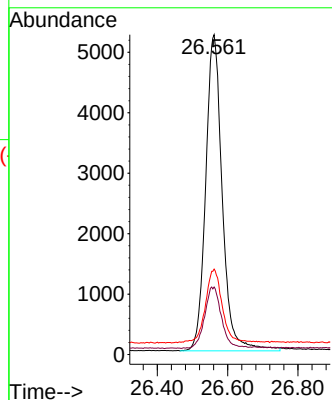
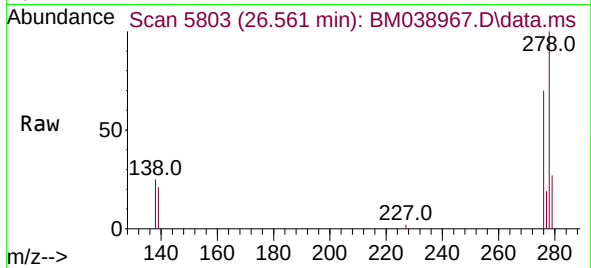




#28
Dibenzo(a,h)anthracene
Concen: 0.343 ng/ul
RT: 26.561 min Scan# 5803
Delta R.T. -0.007 min
Lab File: BM038967.D
Acq: 10 Mar 2023 05:19

Instrument :
BNA_M
ClientSampleId :
SLCS259

Tgt Ion:278 Resp: 17188
Ion Ratio Lower Upper
278 100
139 21.1 16.0 24.0
279 26.7 21.8 32.6



#29
Benzo(g,h,i)perylene
Concen: 0.304 ng/ul
RT: 27.316 min Scan# 6028
Delta R.T. -0.010 min
Lab File: BM038967.D
Acq: 10 Mar 2023 05:19

Tgt Ion:276 Resp: 18598
Ion Ratio Lower Upper
276 100
138 27.0 20.2 30.4
277 24.7 19.8 29.8

