

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102521\
 Data File : BM032706.D
 Acq On : 25 Oct 2021 22:49
 Operator : CG/JU
 Sample : PB140193BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS193

Quant Time: Oct 26 01:42:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 25 10:44:54 2021
 Response via : Initial Calibration

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

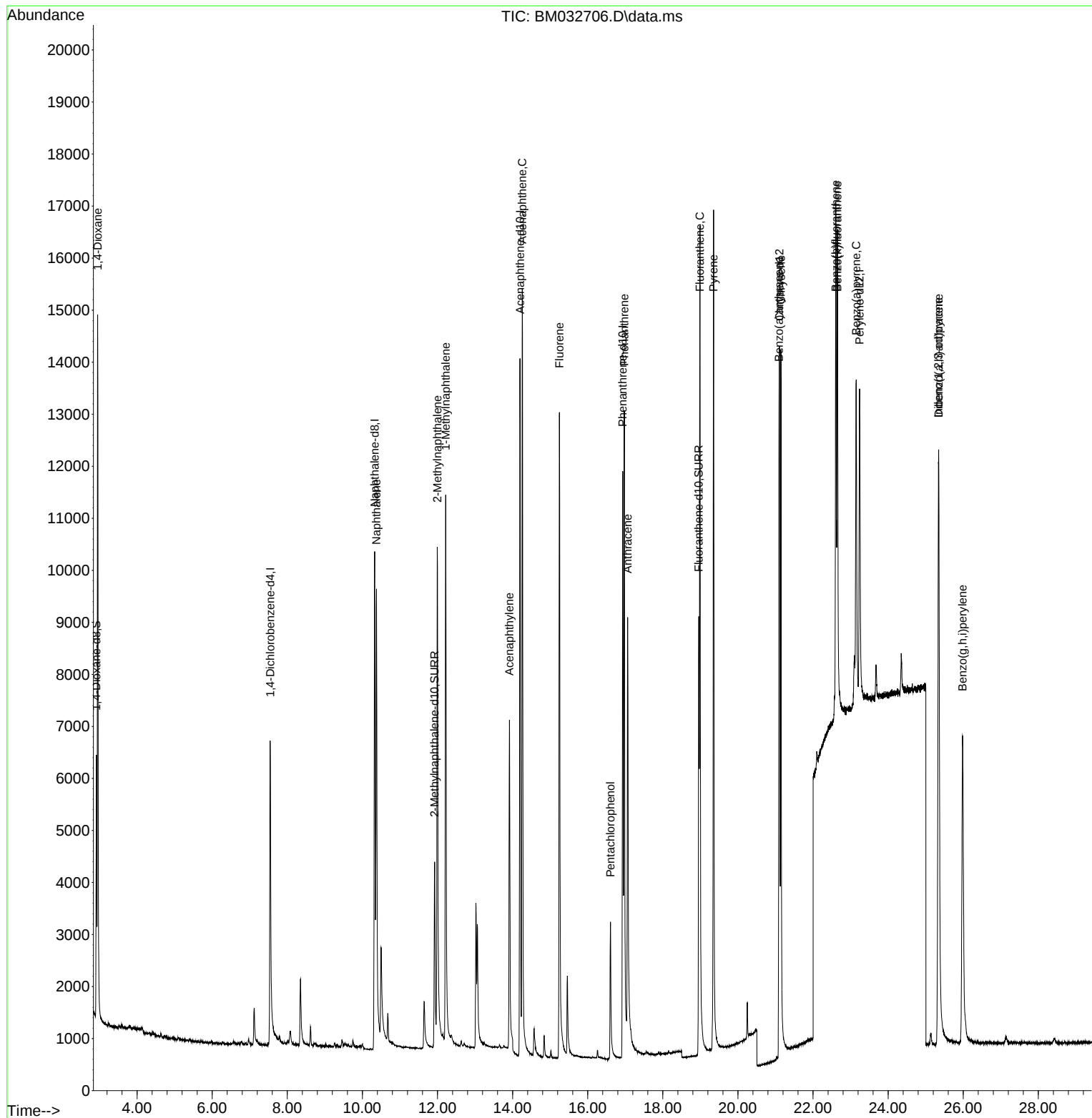
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.546	152	4242	0.400	ng/ul	0.00
4) Naphthalene-d8	10.326	136	14961	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.198	164	7686	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.932	188	13970	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.109	240	9045	0.400	ng/ul	0.00
23) Perylene-d12	23.240	264	8080	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.917	96	3127	0.658	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.922	152	6022	0.302	ng/ul	0.00
18) Fluoranthene-d10	18.958	212	9683	0.340	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.951	88	8900	1.699	ng/ul#	80
5) Naphthalene	10.375	128	13386	0.295	ng/ul	99
7) 2-Methylnaphthalene	11.994	142	8487	0.286	ng/ul	99
8) 1-Methylnaphthalene	12.219	142	8158	0.278	ng/ul	99
10) Acenaphthylene	13.915	152	9051	0.276	ng/ul	100
11) Acenaphthene	14.259	153	9008	0.301	ng/ul	99
12) Fluorene	15.248	166	9691	0.287	ng/ul	99
14) Pentachlorophenol	16.606	266	2100	0.584	ng/ul	99
15) Phenanthrene	16.974	178	13982	0.298	ng/ul	100
16) Anthracene	17.064	178	11263	0.273	ng/ul	99
19) Fluoranthene	18.989	202	14496	0.324	ng/ul	99
20) Pyrene	19.351	202	14623	0.318	ng/ul	100
21) Benzo(a)anthracene	21.094	228	10132	0.287	ng/ul	99
22) Chrysene	21.145	228	12168	0.313	ng/ul	100
24) Benzo(b)fluoranthene	22.607	252	11667	0.313	ng/ul	88
25) Benzo(k)fluoranthene	22.648	252	12947	0.348	ng/ul#	88
26) Benzo(a)pyrene	23.150	252	9676	0.309	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.340	276	12985	0.339	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.347	278	10237	0.339	ng/ul#	92
29) Benzo(g,h,i)perylene	25.982	276	12033	0.361	ng/ul	99

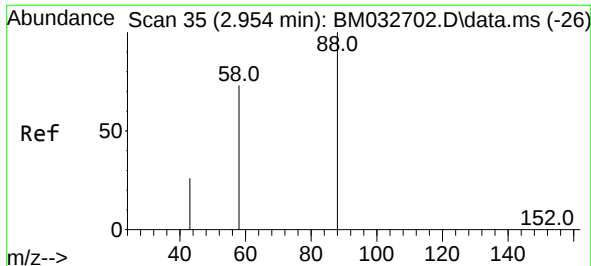
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102521\
Data File : BM032706.D
Acq On : 25 Oct 2021 22:49
Operator : CG/JU
Sample : PB140193BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS193

Quant Time: Oct 26 01:42:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 25 10:44:54 2021
Response via : Initial Calibration

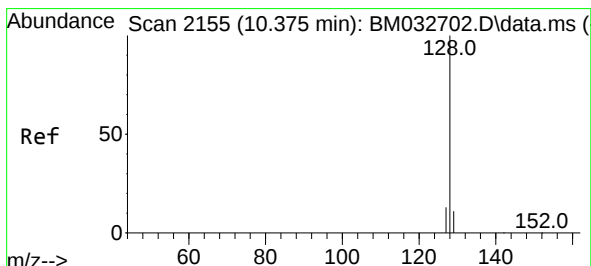
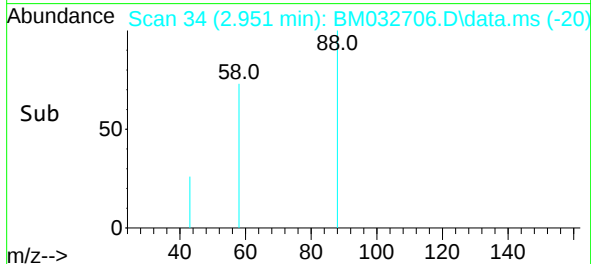
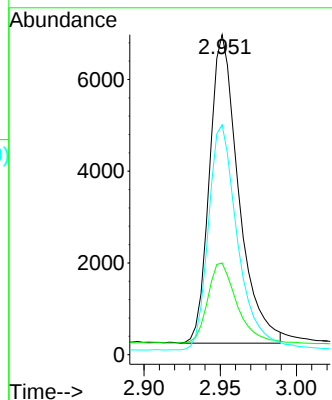
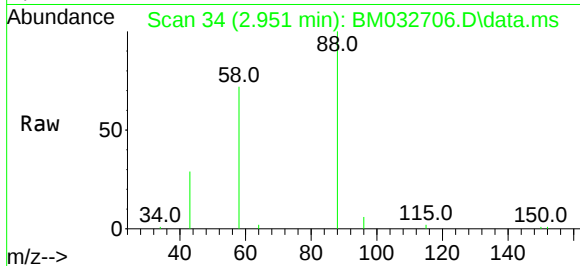




#2
1,4-Dioxane
Concen: 1.699 ng/ul
RT: 2.951 min Scan# 34
Delta R.T. -0.003 min
Lab File: BM032706.D
Acq: 25 Oct 2021 22:49

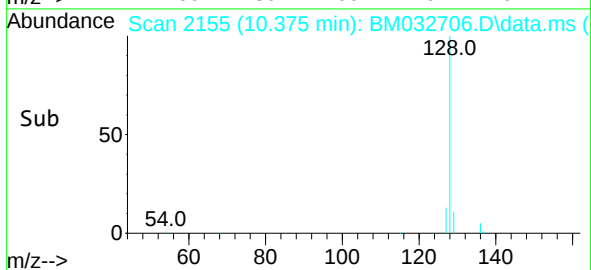
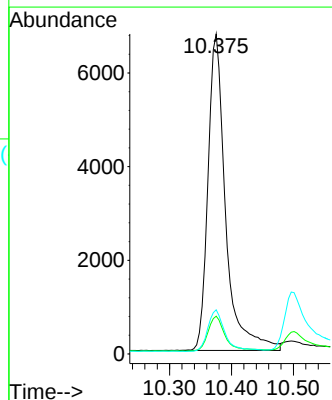
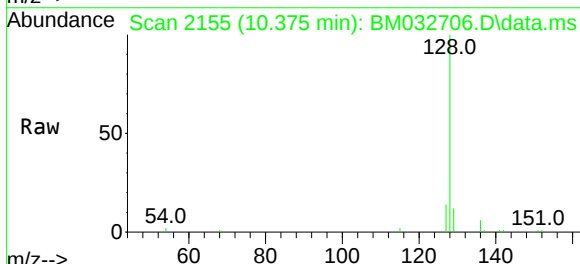
Instrument :
BNA_M
ClientSampleId :
SLCS193

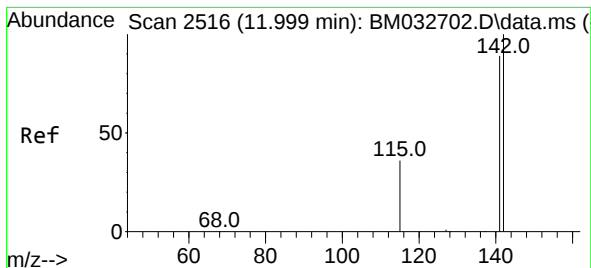
Tgt Ion: 88 Resp: 8900
Ion Ratio Lower Upper
88 100
43 28.7 46.6 69.8#
58 71.8 60.7 91.1



#5
Naphthalene
Concen: 0.295 ng/ul
RT: 10.375 min Scan# 2155
Delta R.T. -0.004 min
Lab File: BM032706.D
Acq: 25 Oct 2021 22:49

Tgt Ion: 128 Resp: 13386
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.8 11.1 16.7

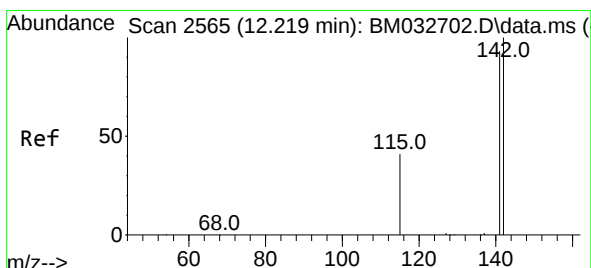
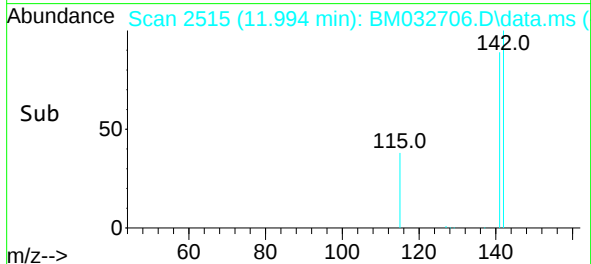
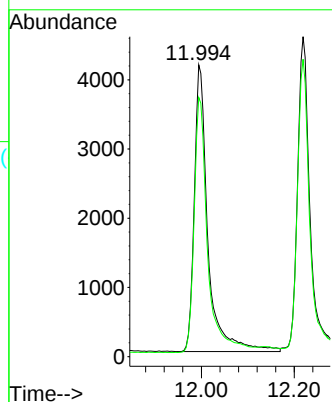
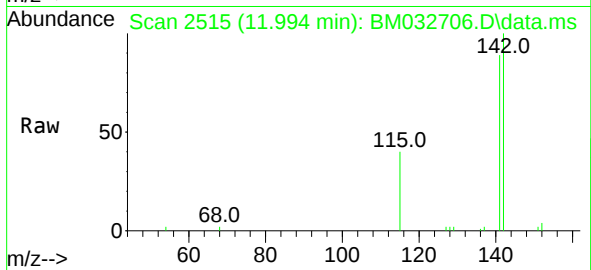




#7
2-Methylnaphthalene
Concen: 0.286 ng/ul
RT: 11.994 min Scan# 2515
Delta R.T. -0.004 min
Lab File: BM032706.D
Acq: 25 Oct 2021 22:49

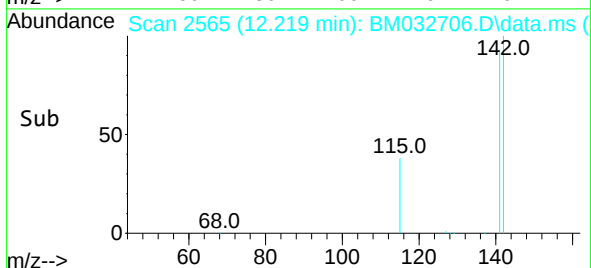
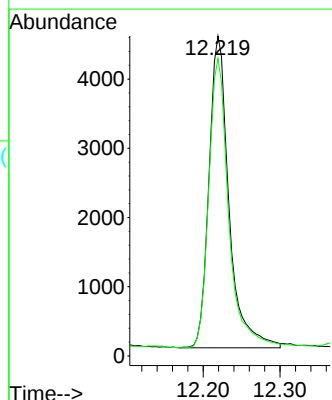
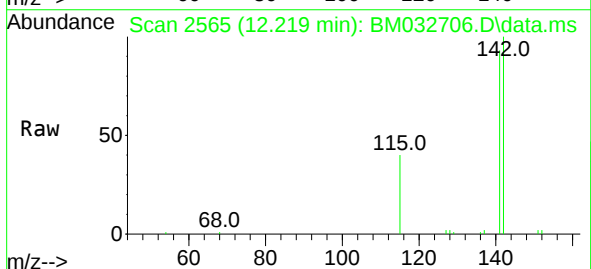
Instrument :
BNA_M
ClientSampled :
SLCS193

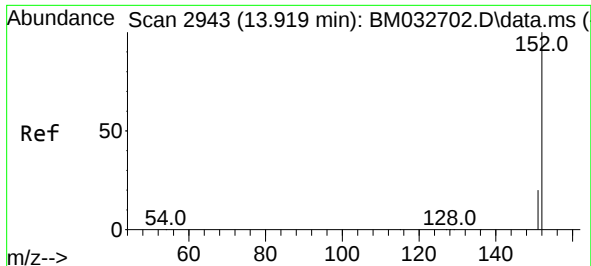
Tgt Ion:142 Resp: 8487
Ion Ratio Lower Upper
142 100
141 91.0 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.278 ng/ul
RT: 12.219 min Scan# 2565
Delta R.T. -0.004 min
Lab File: BM032706.D
Acq: 25 Oct 2021 22:49

Tgt Ion:142 Resp: 8158
Ion Ratio Lower Upper
142 100
141 92.4 74.9 112.3

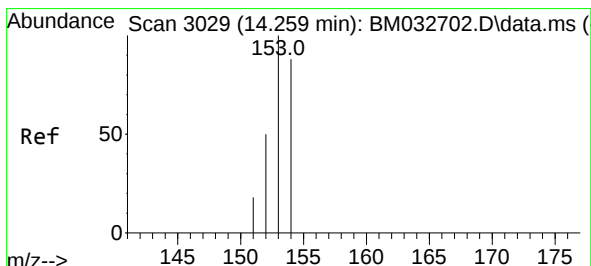
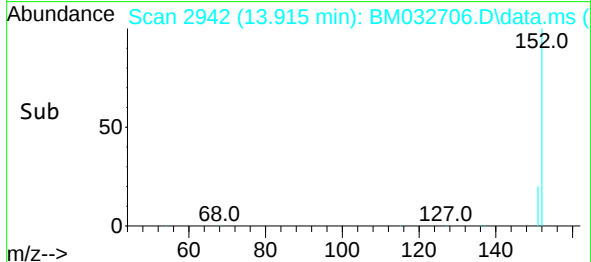
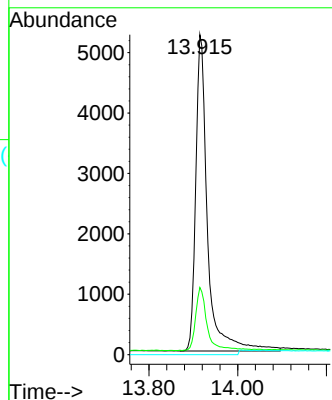
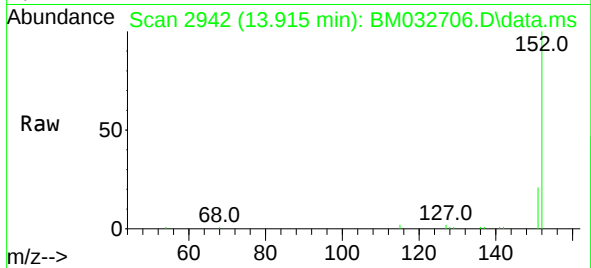




#10
Acenaphthylene
Concen: 0.276 ng/ul
RT: 13.915 min Scan# 2942
Delta R.T. -0.004 min
Lab File: BM032706.D
Acq: 25 Oct 2021 22:49

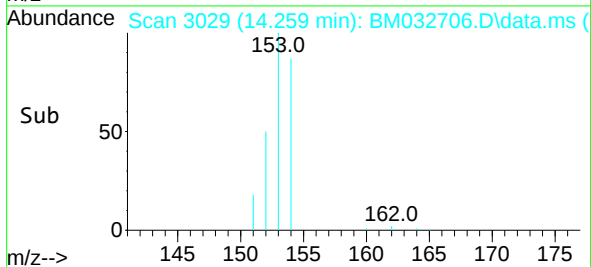
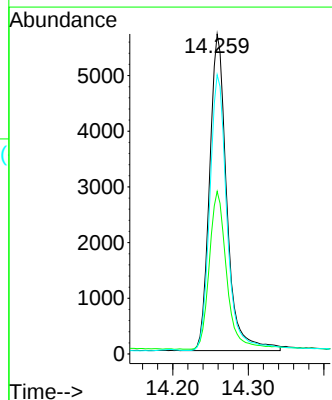
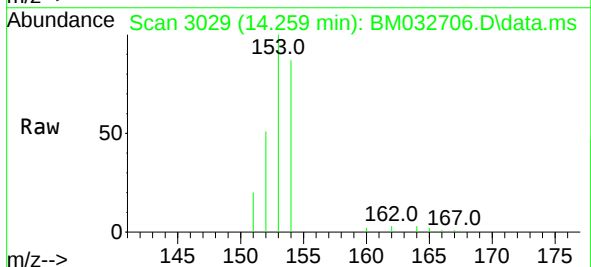
Instrument :
BNA_M
ClientSampleId :
SLCS193

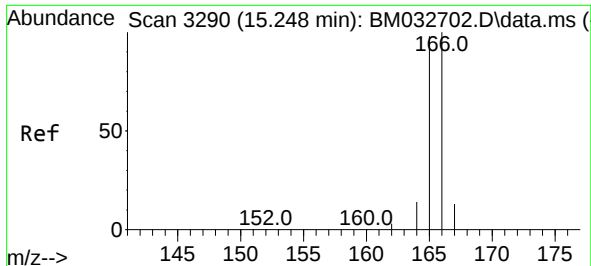
Tgt Ion:152 Resp: 9051
Ion Ratio Lower Upper
152 100
151 21.0 16.7 25.1
153 0.0 0.0 0.0



#11
Acenaphthene
Concen: 0.301 ng/ul
RT: 14.259 min Scan# 3029
Delta R.T. -0.004 min
Lab File: BM032706.D
Acq: 25 Oct 2021 22:49

Tgt Ion:153 Resp: 9008
Ion Ratio Lower Upper
153 100
152 50.8 40.4 60.6
154 87.2 70.8 106.2

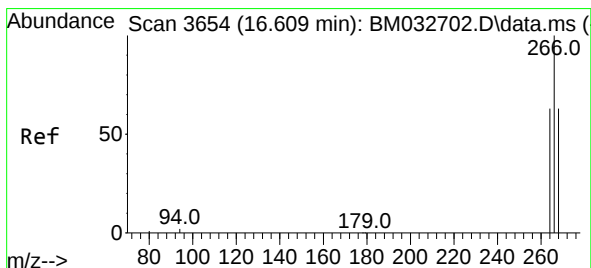
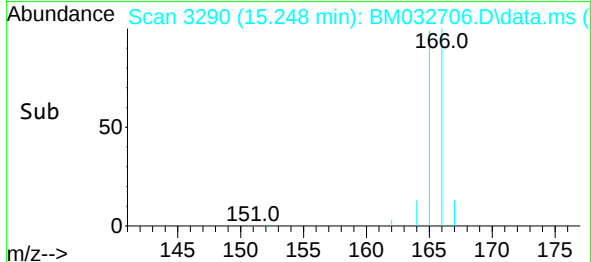
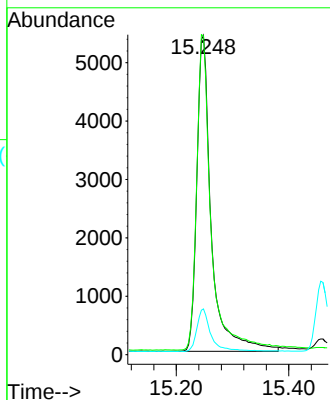
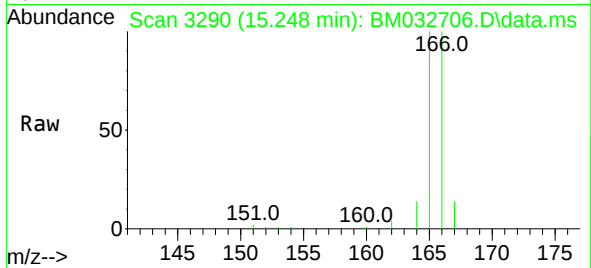




#12
Fluorene
Concen: 0.287 ng/ul
RT: 15.248 min Scan# 3290
Delta R.T. -0.004 min
Lab File: BM032706.D
Acq: 25 Oct 2021 22:49

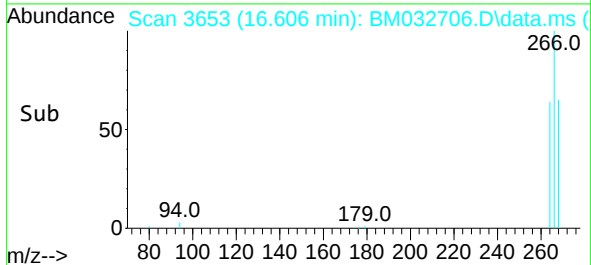
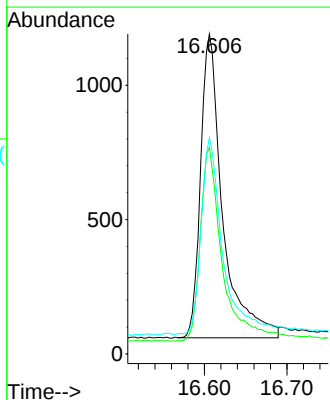
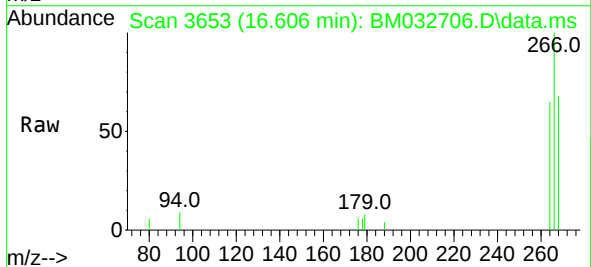
Instrument :
BNA_M
ClientSampleId :
SLCS193

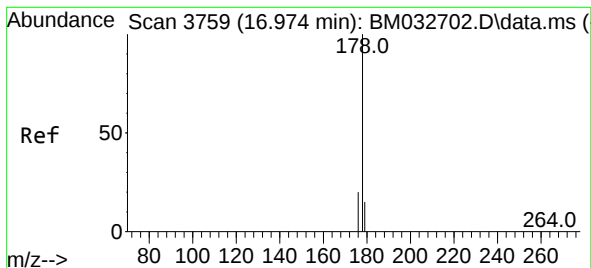
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	80.7	121.1
167	14.3	11.2	16.8



#14
Pentachlorophenol
Concen: 0.584 ng/ul
RT: 16.606 min Scan# 3653
Delta R.T. -0.003 min
Lab File: BM032706.D
Acq: 25 Oct 2021 22:49

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.6	50.8	76.2
268	64.2	50.2	75.2





#15

Phenanthrene

Concen: 0.298 ng/ul

RT: 16.974 min Scan# 3759

Delta R.T. -0.003 min

Lab File: BM032706.D

Acq: 25 Oct 2021 22:49

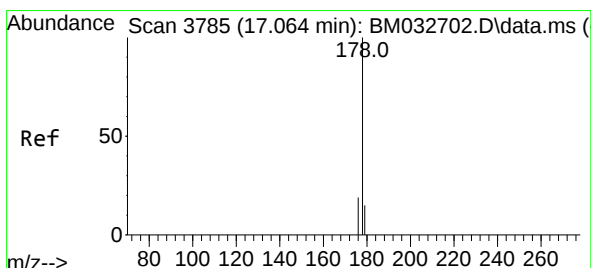
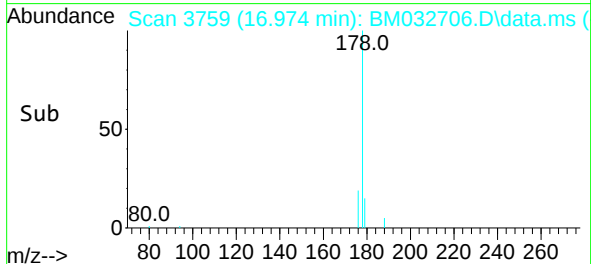
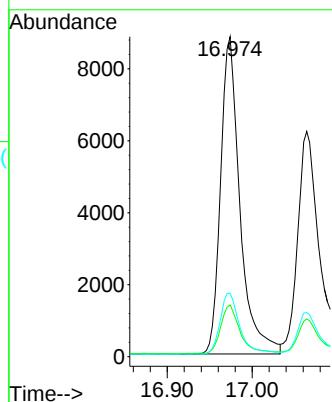
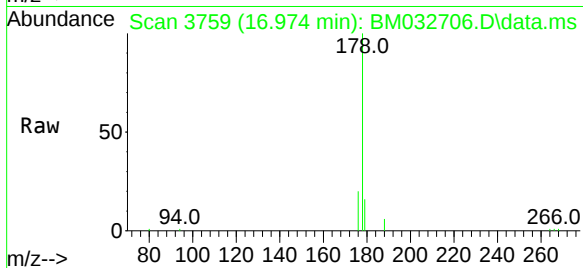
Tgt Ion:178	Resp:	13982
Ion Ratio	Lower	Upper
178	100	
179	16.2	12.9 19.3
176	19.9	16.1 24.1

Instrument :

BNA_M

ClientSampleId :

SLCS193



#16

Anthracene

Concen: 0.273 ng/ul

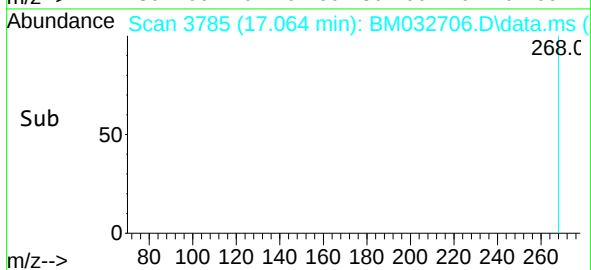
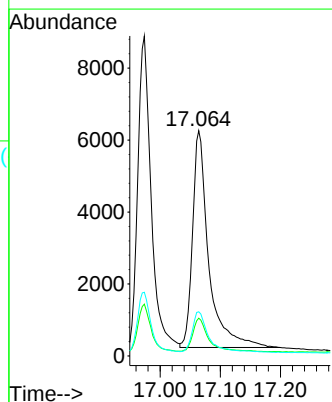
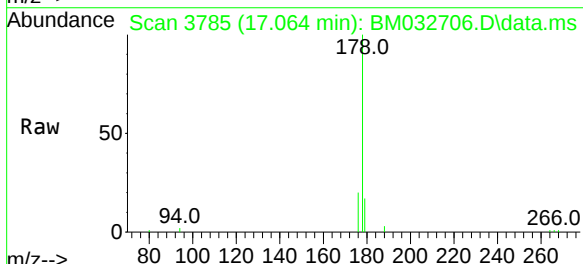
RT: 17.064 min Scan# 3785

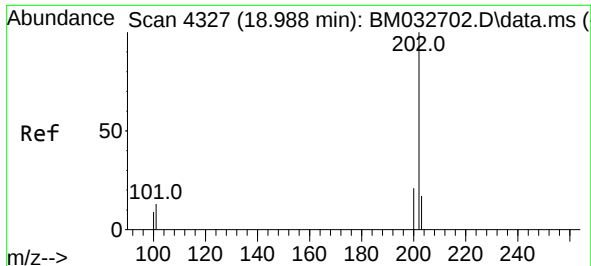
Delta R.T. -0.003 min

Lab File: BM032706.D

Acq: 25 Oct 2021 22:49

Tgt Ion:178	Resp:	11263
Ion Ratio	Lower	Upper
178	100	
179	16.8	12.9 19.3
176	19.6	15.8 23.6

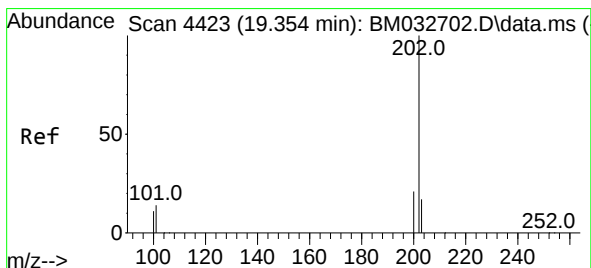
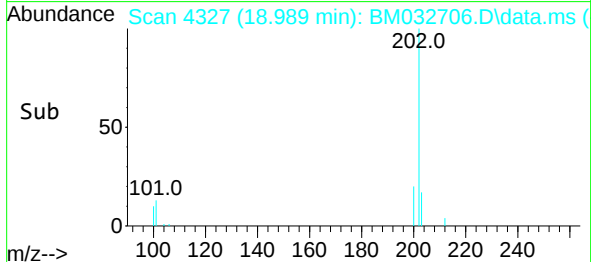
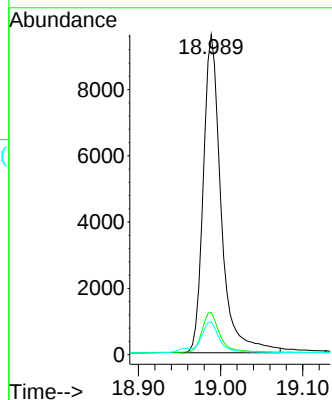
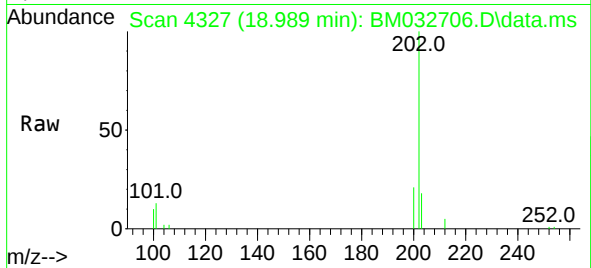




#19
Fluoranthene
Concen: 0.324 ng/ul
RT: 18.989 min Scan# 4327
Delta R.T. -0.004 min
Lab File: BM032706.D
Acq: 25 Oct 2021 22:49

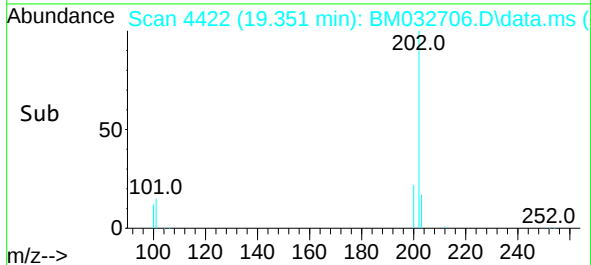
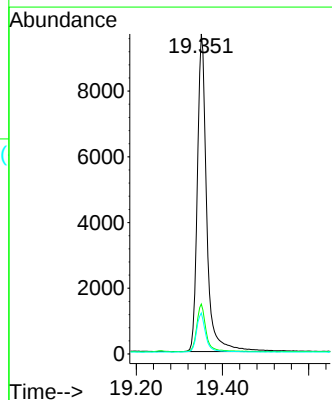
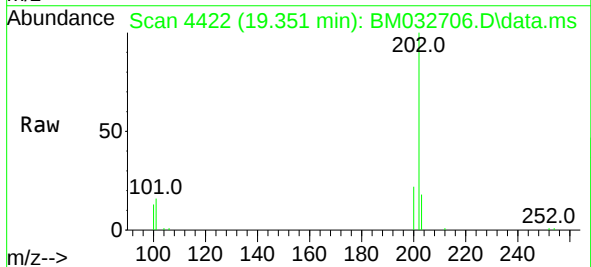
Instrument :
BNA_M
ClientSampleId :
SLCS193

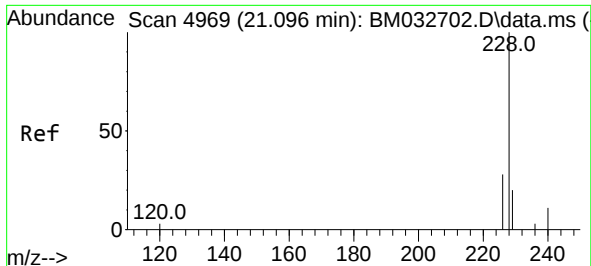
Tgt Ion:202 Resp: 14496
Ion Ratio Lower Upper
202 100
101 13.3 10.6 16.0
100 10.3 7.8 11.8



#20
Pyrene
Concen: 0.318 ng/ul
RT: 19.351 min Scan# 4422
Delta R.T. -0.004 min
Lab File: BM032706.D
Acq: 25 Oct 2021 22:49

Tgt Ion:202 Resp: 14623
Ion Ratio Lower Upper
202 100
101 15.6 12.3 18.5
100 12.8 10.1 15.1

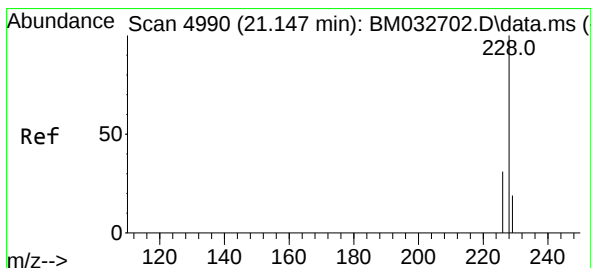
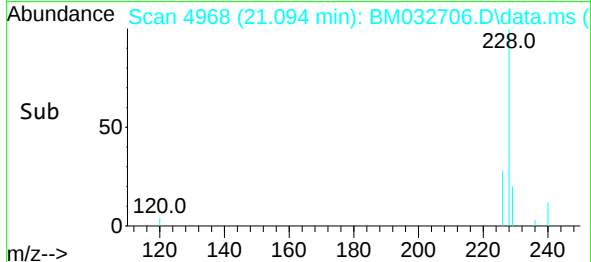
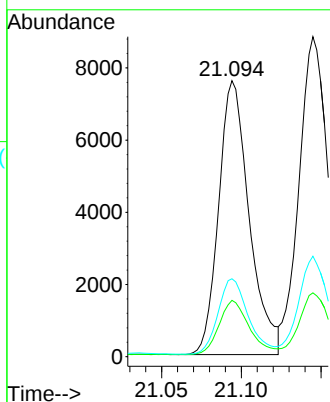
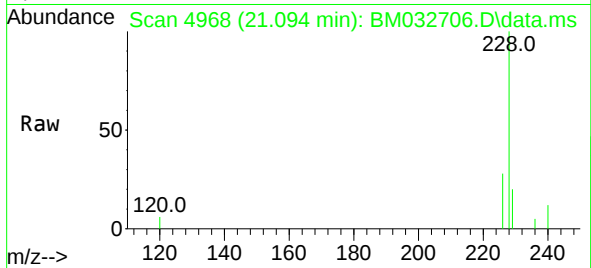




#21
Benzo(a)anthracene
Concen: 0.287 ng/ul
RT: 21.094 min Scan# 4968
Delta R.T. -0.005 min
Lab File: BM032706.D
Acq: 25 Oct 2021 22:49

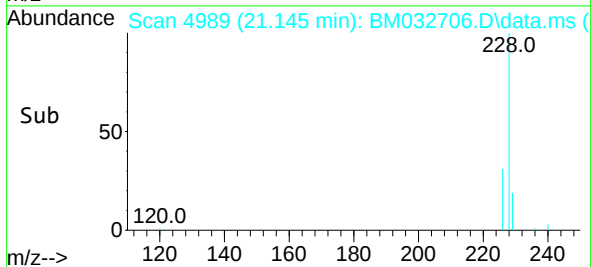
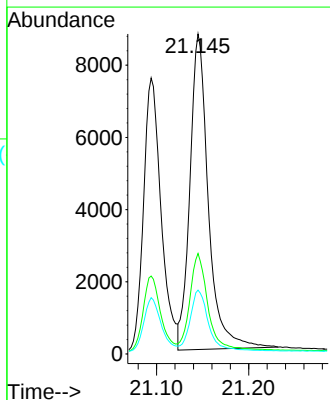
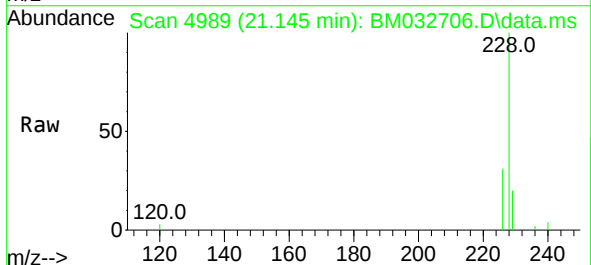
Instrument :
BNA_M
ClientSampleId :
SLCS193

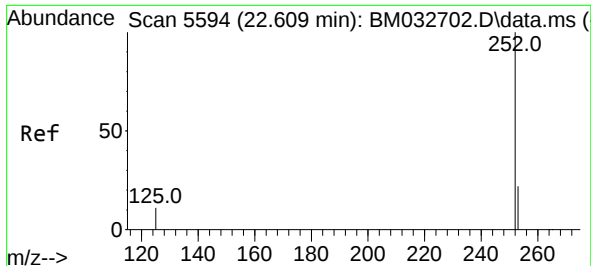
Tgt Ion:228	Resp:	10132
Ion Ratio	Lower	Upper
228	100	
229	20.4	15.9 23.9
226	28.3	22.4 33.6



#22
Chrysene
Concen: 0.313 ng/ul
RT: 21.145 min Scan# 4989
Delta R.T. -0.005 min
Lab File: BM032706.D
Acq: 25 Oct 2021 22:49

Tgt Ion:228	Resp:	12168
Ion Ratio	Lower	Upper
228	100	
226	31.4	25.1 37.7
229	20.0	15.7 23.5

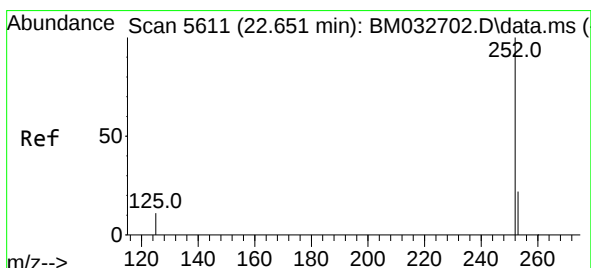
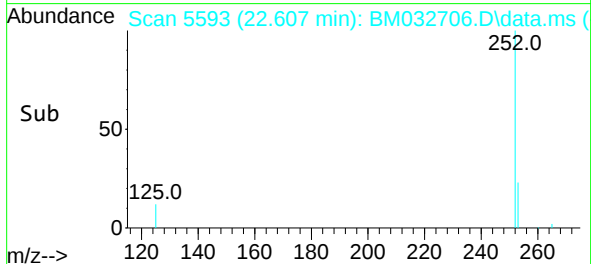
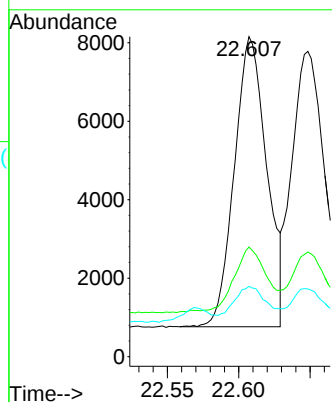
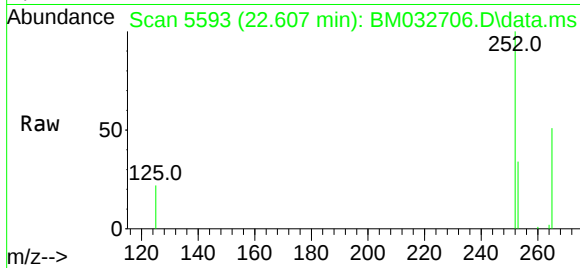




#24
Benzo(b)fluoranthene
Concen: 0.313 ng/ul
RT: 22.607 min Scan# 5593
Delta R.T. -0.007 min
Lab File: BM032706.D
Acq: 25 Oct 2021 22:49

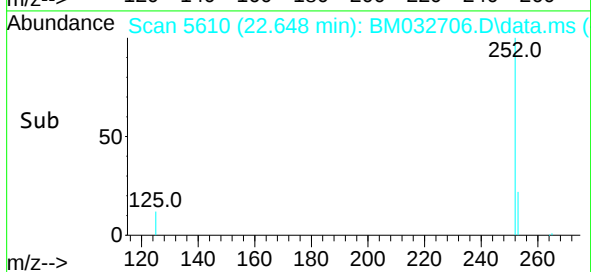
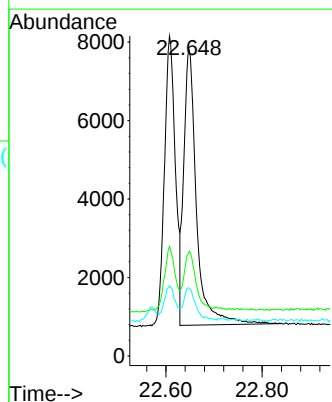
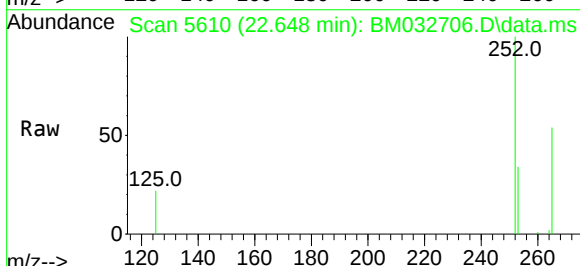
Instrument :
BNA_M
ClientSampleId :
SLCS193

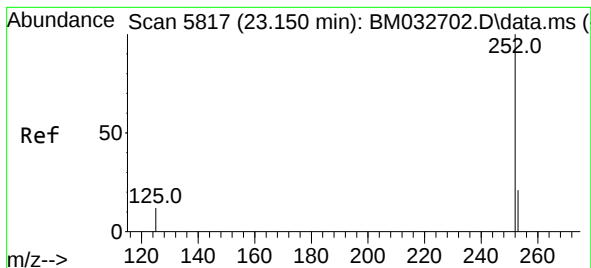
Tgt Ion:252 Resp: 11667
Ion Ratio Lower Upper
252 100
253 34.2 0.0 53.8
125 22.0 0.0 35.6



#25
Benzo(k)fluoranthene
Concen: 0.348 ng/ul
RT: 22.648 min Scan# 5610
Delta R.T. -0.005 min
Lab File: BM032706.D
Acq: 25 Oct 2021 22:49

Tgt Ion:252 Resp: 12947
Ion Ratio Lower Upper
252 100
253 34.3 21.8 32.6#
125 22.2 14.4 21.6#

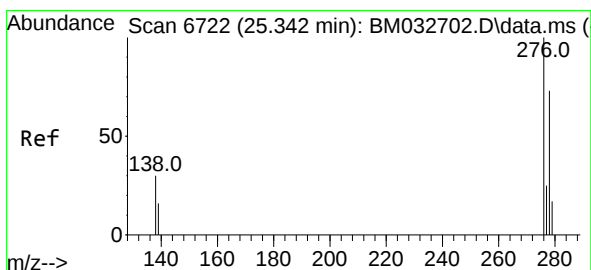
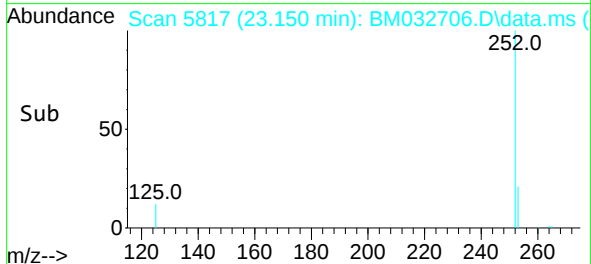
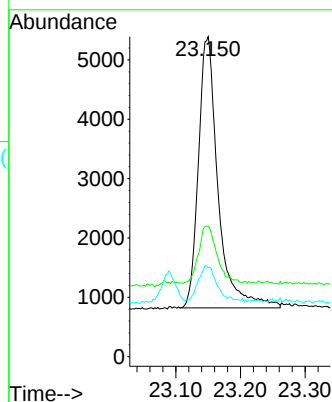
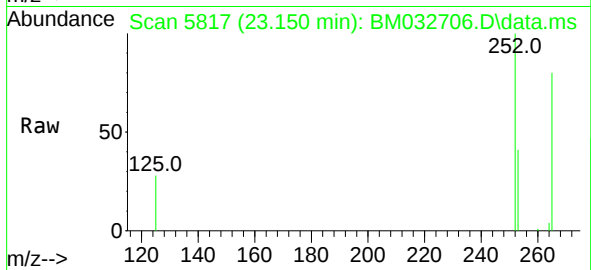




#26
Benzo(a)pyrene
Concen: 0.309 ng/ul
RT: 23.150 min Scan# 5817
Delta R.T. -0.005 min
Lab File: BM032706.D
Acq: 25 Oct 2021 22:49

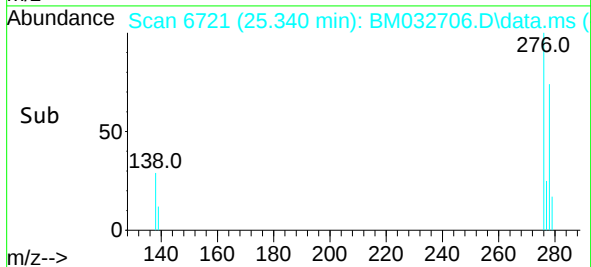
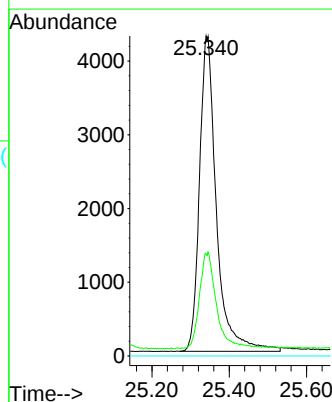
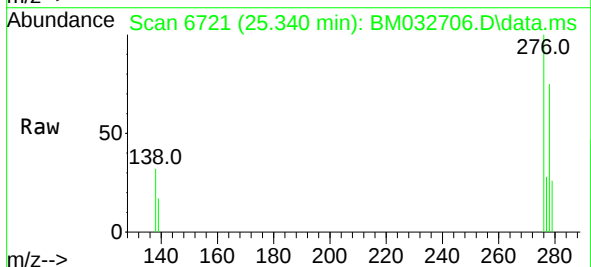
Instrument :
BNA_M
ClientSampleId :
SLCS193

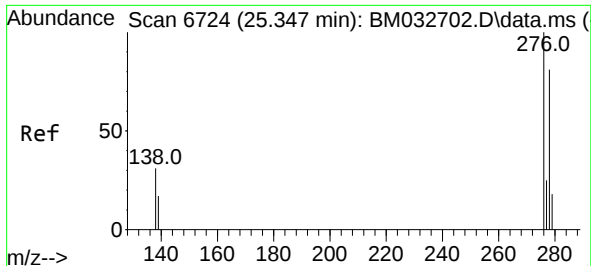
Tgt Ion:252 Resp: 9676
Ion Ratio Lower Upper
252 100
253 40.8 23.6 35.4#
125 27.7 17.1 25.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.339 ng/ul
RT: 25.340 min Scan# 6721
Delta R.T. -0.010 min
Lab File: BM032706.D
Acq: 25 Oct 2021 22:49

Tgt Ion:276 Resp: 12985
Ion Ratio Lower Upper
276 100
138 30.7 24.9 37.3
227 0.0 0.0 0.0

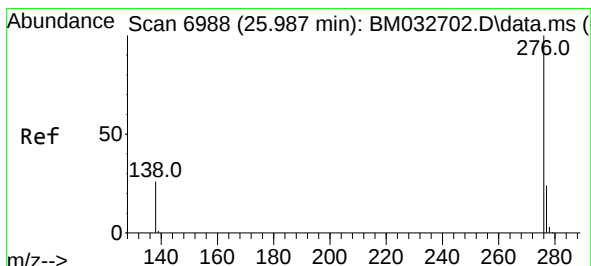
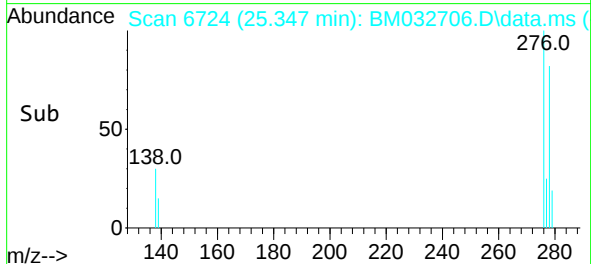
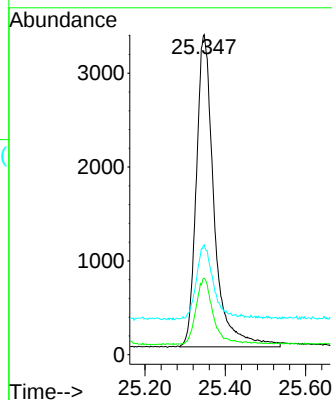
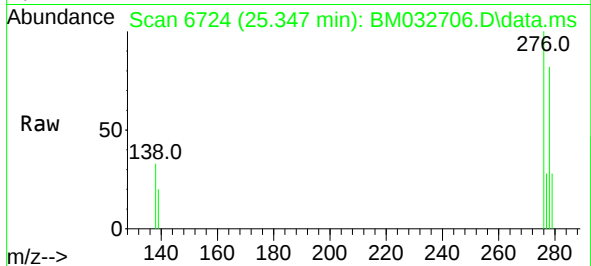




#28
Dibenzo(a,h)anthracene
Concen: 0.339 ng/ul
RT: 25.347 min Scan# 6724
Delta R.T. -0.007 min
Lab File: BM032706.D
Acq: 25 Oct 2021 22:49

Instrument :
BNA_M
ClientSampleId :
SLCS193

Tgt Ion:278 Resp: 10237
Ion Ratio Lower Upper
278 100
139 23.8 18.6 28.0
279 34.3 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.361 ng/ul
RT: 25.982 min Scan# 6986
Delta R.T. -0.010 min
Lab File: BM032706.D
Acq: 25 Oct 2021 22:49

Tgt Ion:276 Resp: 12033
Ion Ratio Lower Upper
276 100
138 28.8 22.6 33.8
277 25.8 19.9 29.9

