

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
 Data File : BM037157.D
 Acq On : 21 Oct 2022 04:01
 Operator : CG/JU
 Sample : PB148326BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS326

Quant Time: Oct 21 04:31:44 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 02:11:25 2022
 Response via : Initial Calibration

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

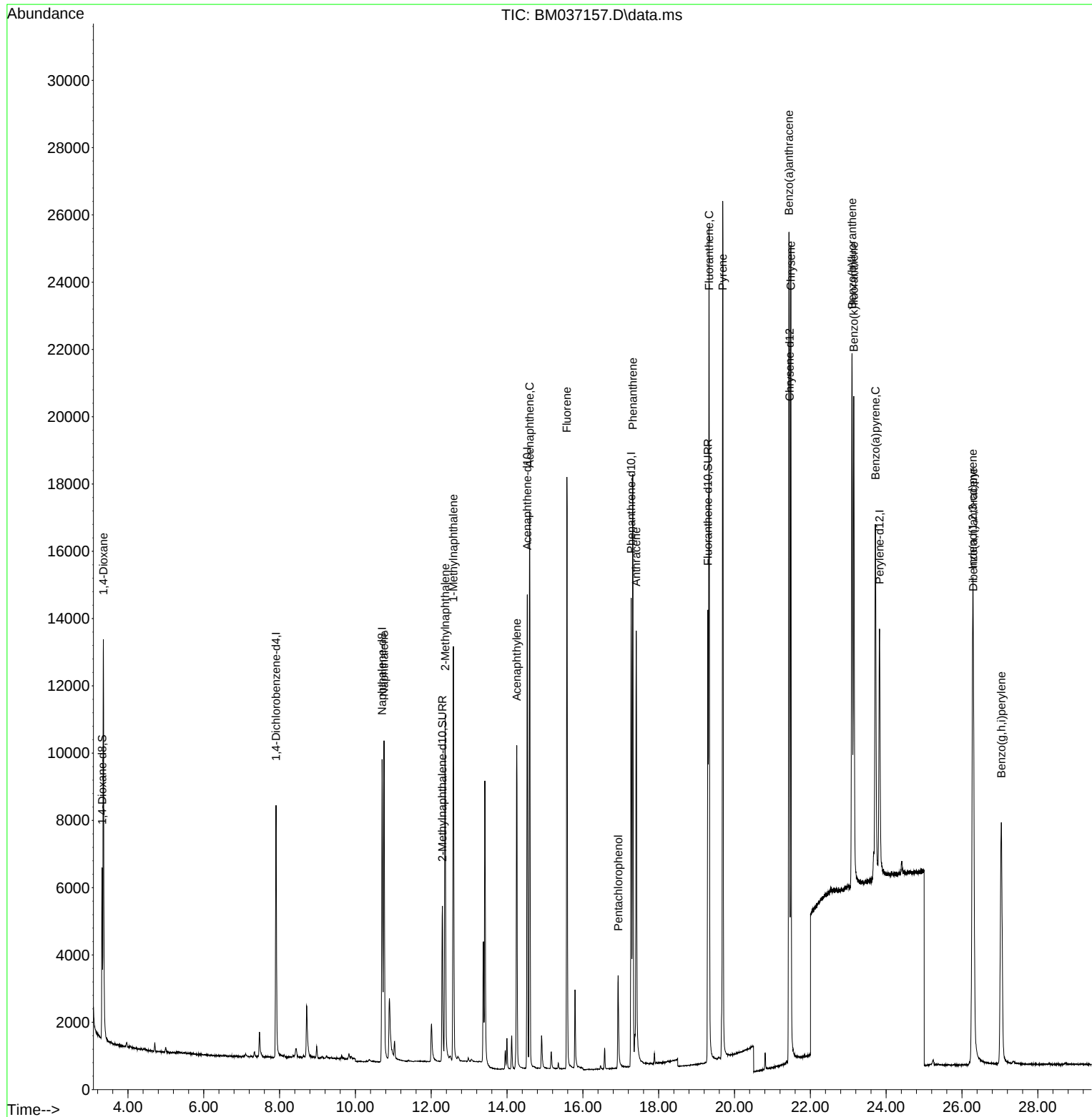
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	4346	0.400	ng/u1	0.00
4) Naphthalene-d8	10.705	136	12992	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.533	164	7435	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.275	188	16421	0.400	ng/u1	0.00
17) Chrysene-d12	21.450	240	12979	0.400	ng/u1	0.00
23) Perylene-d12	23.824	264	10809	0.400	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	3454	0.652	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.294	152	6729	0.364	ng/u1	0.00
18) Fluoranthene-d10	19.299	212	15066	0.384	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	8440	1.533	ng/u1	92
5) Naphthalene	10.754	128	13527	0.352	ng/u1	100
7) 2-Methylnaphthalene	12.365	142	8419	0.365	ng/u1	96
8) 1-Methylnaphthalene	12.585	142	9055	0.385	ng/u1	100
10) Acenaphthylene	14.256	152	11297	0.354	ng/u1	99
11) Acenaphthene	14.594	153	9892	0.343	ng/u1	99
12) Fluorene	15.579	166	11305	0.335	ng/u1	99
14) Pentachlorophenol	16.929	266	2309	0.581	ng/u1	97
15) Phenanthrene	17.318	178	19012	0.343	ng/u1	99
16) Anthracene	17.406	178	15569	0.355	ng/u1	99
19) Fluoranthene	19.326	202	21892	0.388	ng/u1	99
20) Pyrene	19.689	202	22626	0.396	ng/u1	98
21) Benzo(a)anthracene	21.433	228	18880	0.375	ng/u1	99
22) Chrysene	21.485	228	21174	0.365	ng/u1	99
24) Benzo(b)fluoranthene	23.099	252	21024	0.367	ng/u1	98
25) Benzo(k)fluoranthene	23.145	252	20097	0.363	ng/u1	99
26) Benzo(a)pyrene	23.715	252	17238	0.375	ng/u1	98
27) Indeno(1,2,3-cd)pyrene	26.283	276	20196	0.315	ng/u1#	99
28) Dibenzo(a,h)anthracene	26.299	278	15985	0.315	ng/u1	100
29) Benzo(g,h,i)perylene	27.037	276	16856	0.298	ng/u1	100

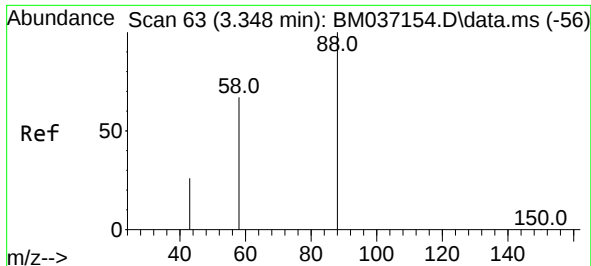
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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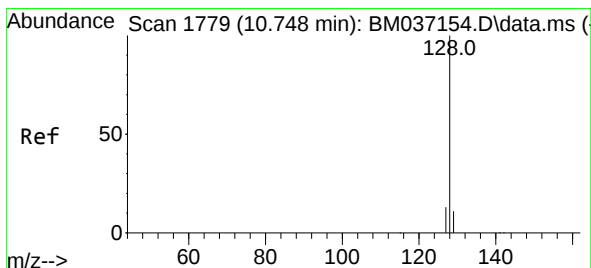
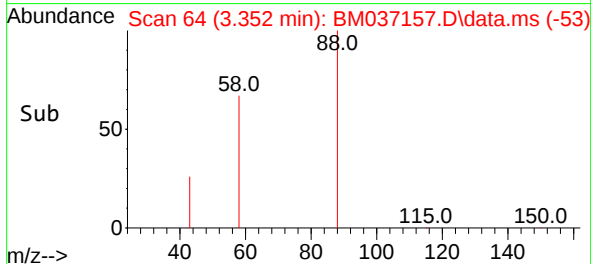
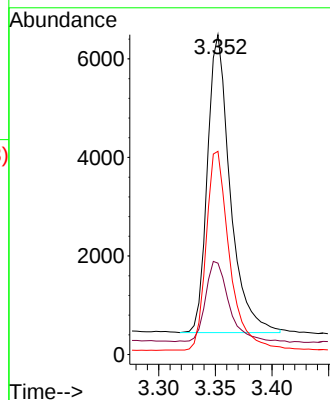
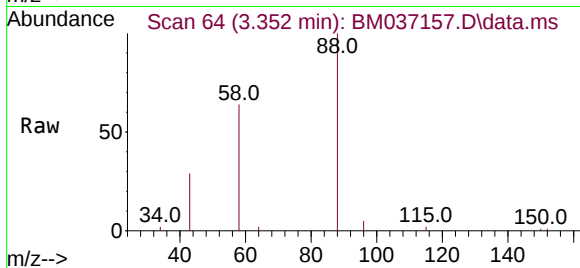




#2
1,4-Dioxane
Concen: 1.533 ng/ul
RT: 3.352 min Scan# 64
Delta R.T. -0.004 min
Lab File: BM037157.D
Acq: 21 Oct 2022 04:01

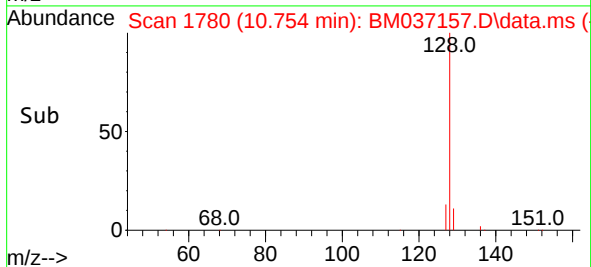
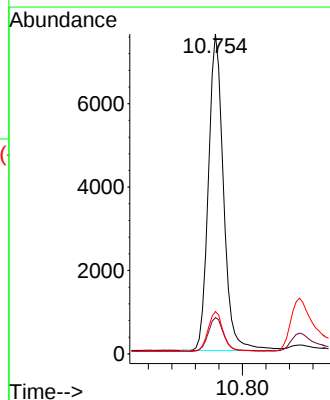
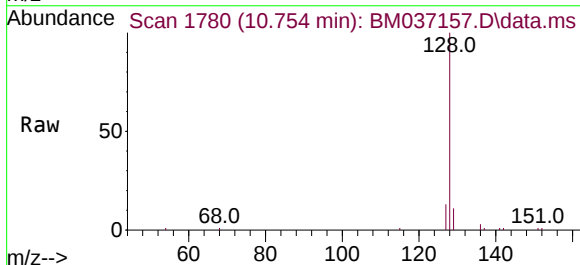
Instrument :
BNA_M
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SLCS326

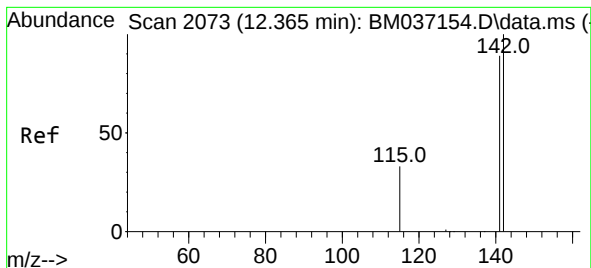
Tgt Ion: 88 Resp: 8440
Ion Ratio Lower Upper
88 100
43 28.6 25.5 38.3
58 63.5 45.8 68.6



#5
Naphthalene
Concen: 0.352 ng/ul
RT: 10.754 min Scan# 1780
Delta R.T. -0.005 min
Lab File: BM037157.D
Acq: 21 Oct 2022 04:01

Tgt Ion: 128 Resp: 13527
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.3 10.5 15.7

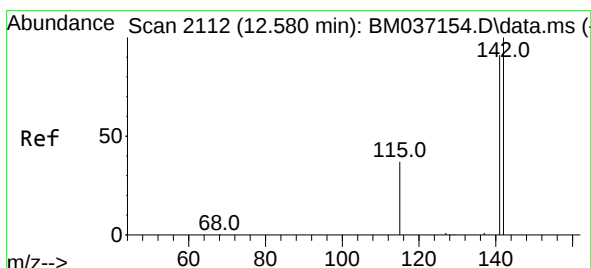
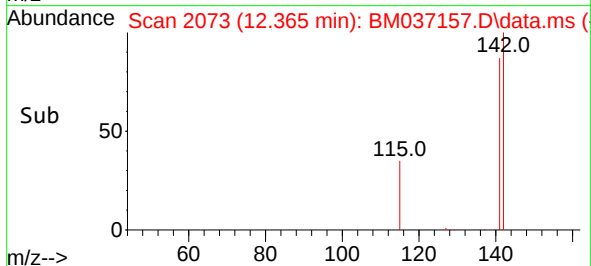
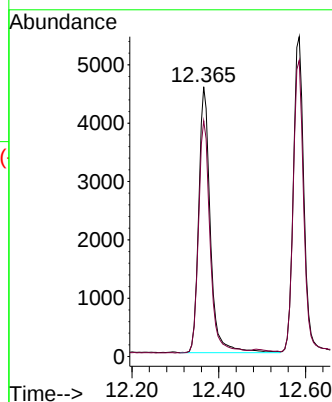
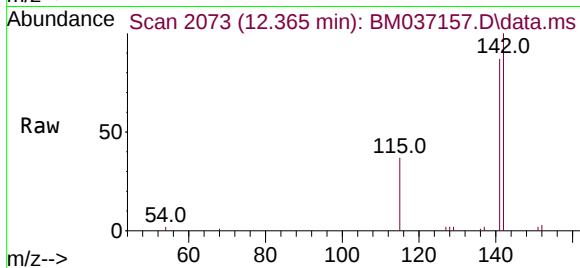




#7
2-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM037157.D
Acq: 21 Oct 2022 04:01

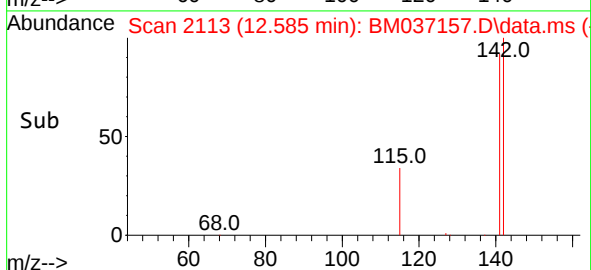
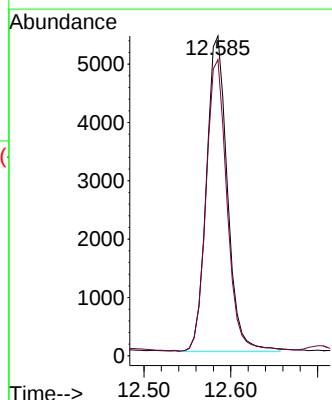
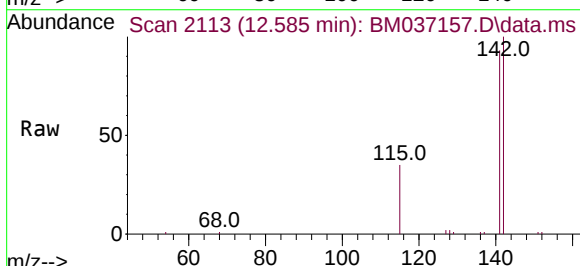
Instrument :
BNA_M
ClientSampleId :
SLCS326

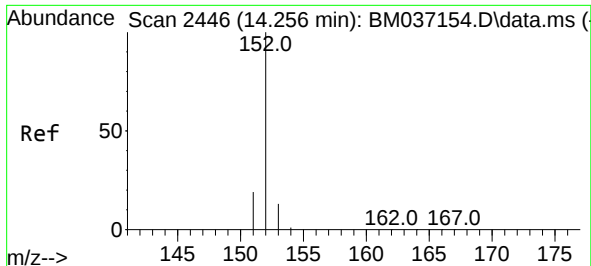
Tgt Ion:142 Resp: 8419
Ion Ratio Lower Upper
142 100
141 87.6 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.385 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BM037157.D
Acq: 21 Oct 2022 04:01

Tgt Ion:142 Resp: 9055
Ion Ratio Lower Upper
142 100
141 92.4 74.2 111.4

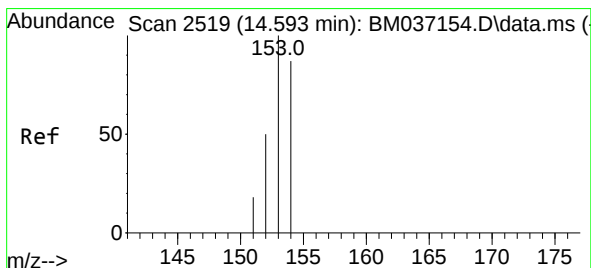
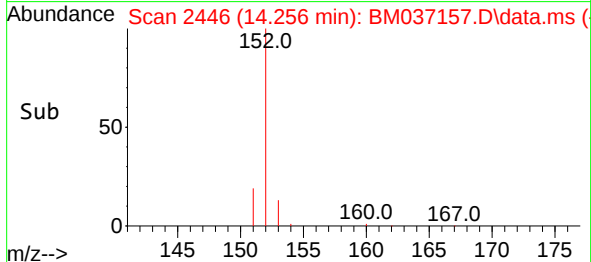
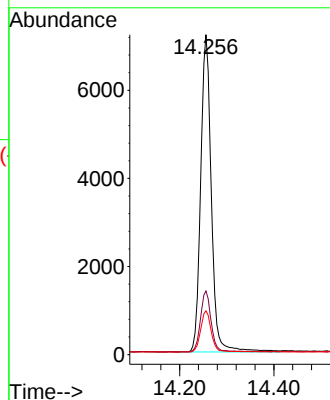
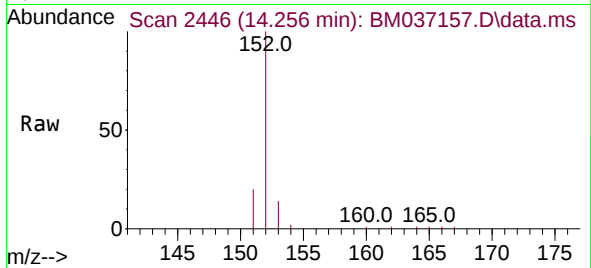




#10
Acenaphthylene
Concen: 0.354 ng/ul
RT: 14.256 min Scan# 2446
Delta R.T. -0.005 min
Lab File: BM037157.D
Acq: 21 Oct 2022 04:01

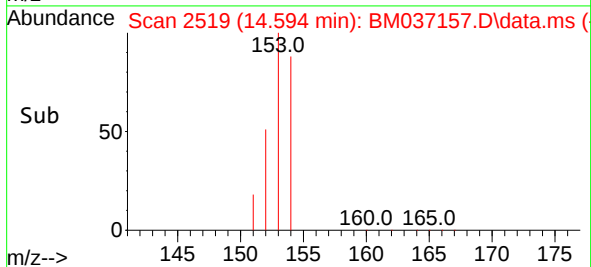
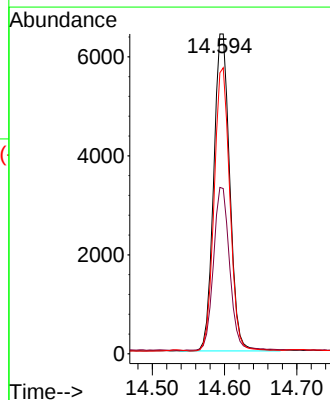
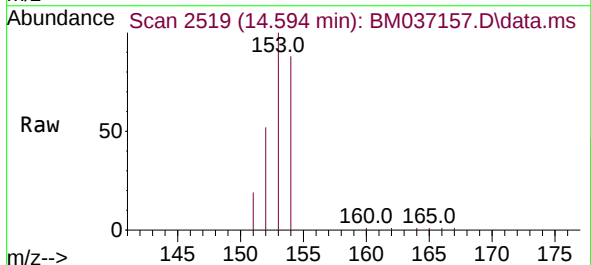
Instrument :
BNA_M
ClientSampleId :
SLCS326

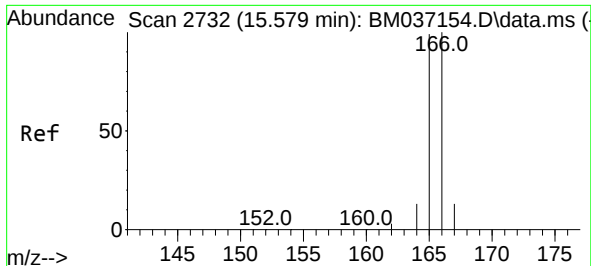
Tgt Ion:152	Resp:	11297
Ion Ratio	Lower	Upper
152	100	
151	19.9	16.2 24.2
153	13.7	10.8 16.2



#11
Acenaphthene
Concen: 0.343 ng/ul
RT: 14.594 min Scan# 2519
Delta R.T. -0.005 min
Lab File: BM037157.D
Acq: 21 Oct 2022 04:01

Tgt Ion:153	Resp:	9892
Ion Ratio	Lower	Upper
153	100	
152	52.1	43.3 64.9
154	87.8	70.0 105.0

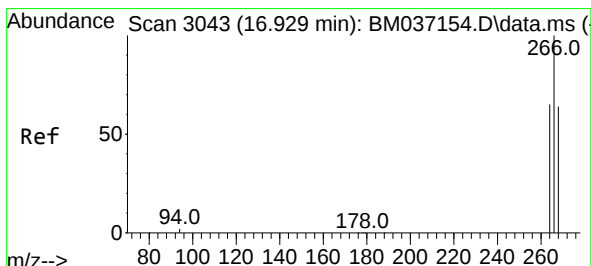
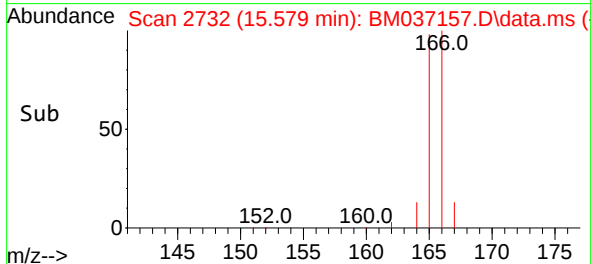
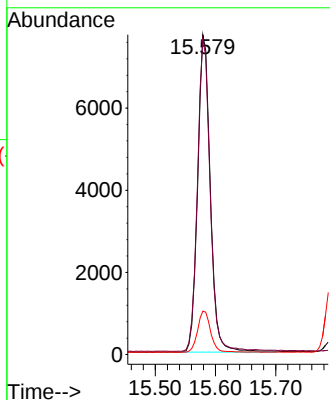
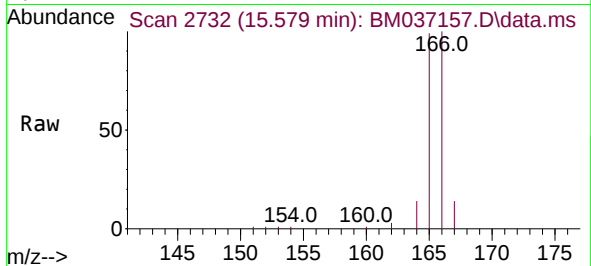




#12
Fluorene
Concen: 0.335 ng/ul
RT: 15.579 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037157.D
Acq: 21 Oct 2022 04:01

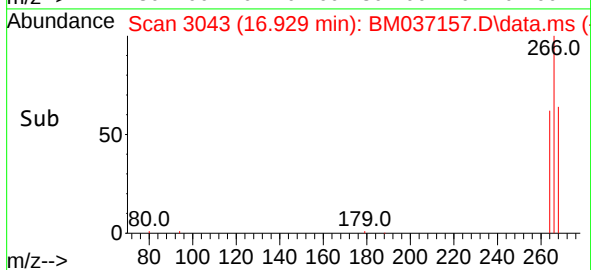
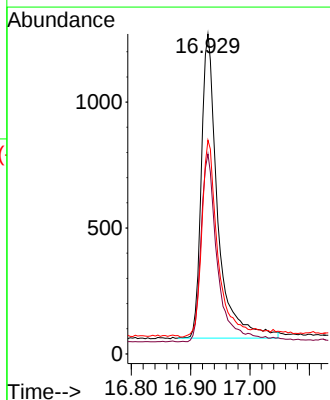
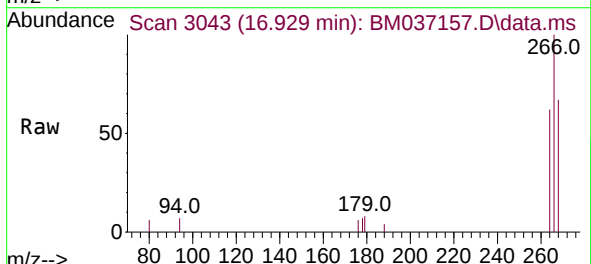
Instrument :
BNA_M
ClientSampleId :
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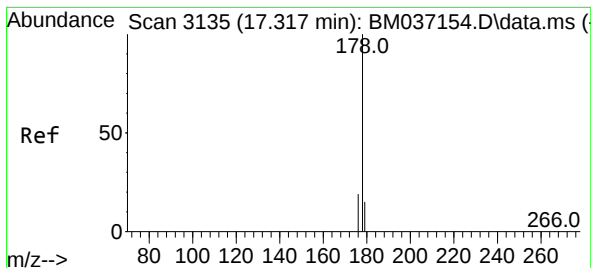
Tgt Ion:	166	Resp:	11305
Ion Ratio	Lower	Upper	
166	100		
165	98.7	79.4	119.2
167	13.6	11.3	16.9



#14
Pentachlorophenol
Concen: 0.581 ng/ul
RT: 16.929 min Scan# 3043
Delta R.T. -0.008 min
Lab File: BM037157.D
Acq: 21 Oct 2022 04:01

Tgt Ion:	266	Resp:	2309
Ion Ratio	Lower	Upper	
266	100		
264	62.6	49.4	74.0
268	66.1	50.5	75.7





#15

Phenanthrene

Concen: 0.343 ng/ul

RT: 17.318 min Scan# 3135

Delta R.T. -0.004 min

Lab File: BM037157.D

Acq: 21 Oct 2022 04:01

Instrument :

BNA_M

ClientSampleId :

SLCS326

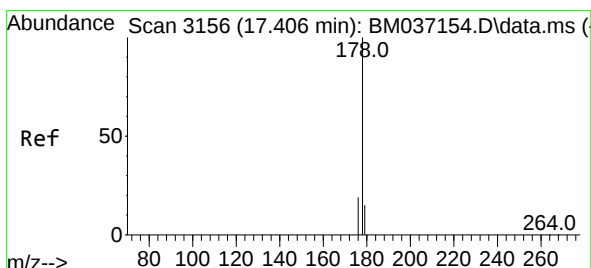
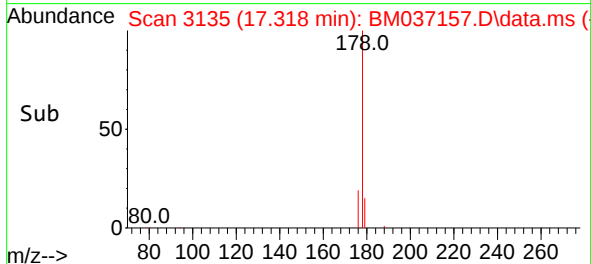
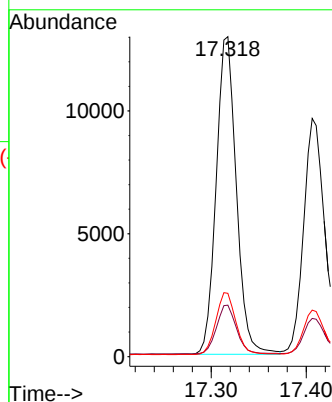
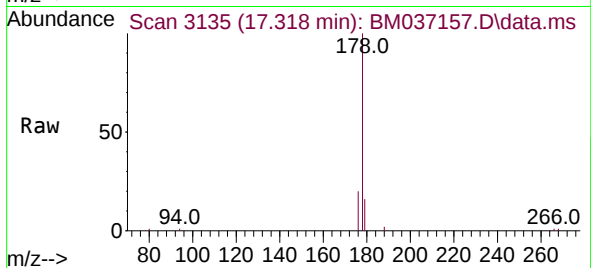
Tgt Ion:178 Resp: 19012

Ion Ratio Lower Upper

178 100

179 16.1 13.0 19.6

176 19.8 16.1 24.1



#16

Anthracene

Concen: 0.355 ng/ul

RT: 17.406 min Scan# 3156

Delta R.T. -0.008 min

Lab File: BM037157.D

Acq: 21 Oct 2022 04:01

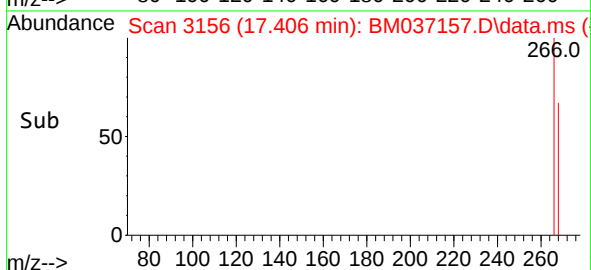
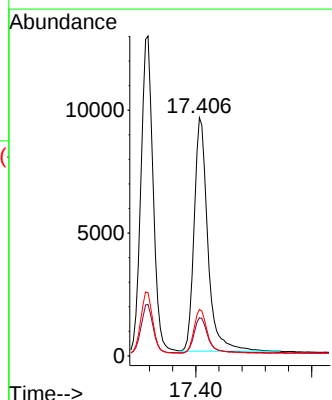
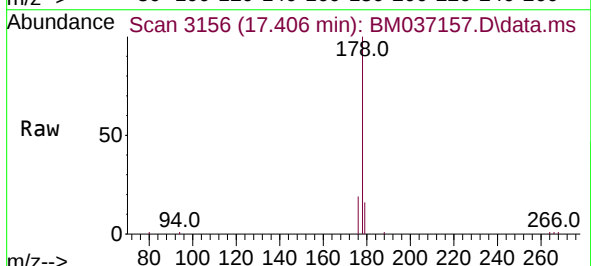
Tgt Ion:178 Resp: 15569

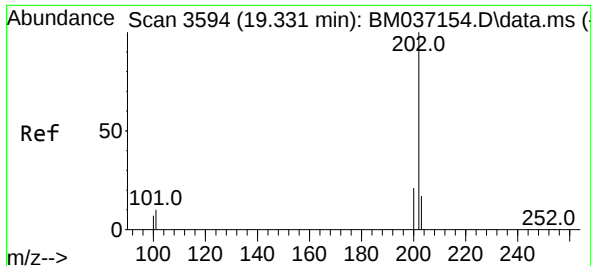
Ion Ratio Lower Upper

178 100

179 16.0 13.1 19.7

176 19.5 15.3 22.9

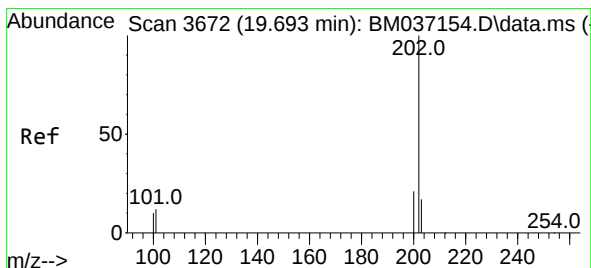
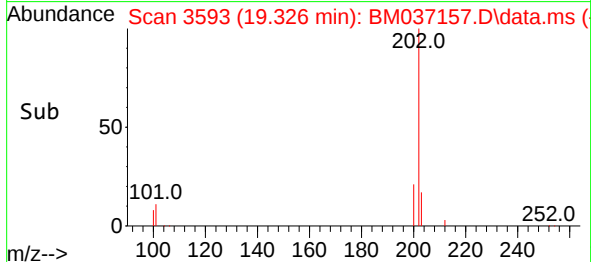
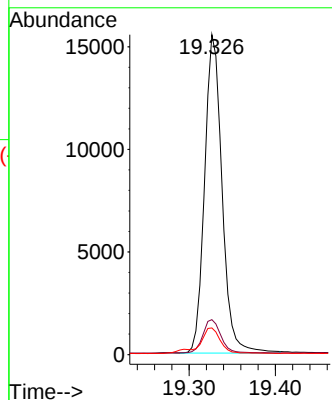
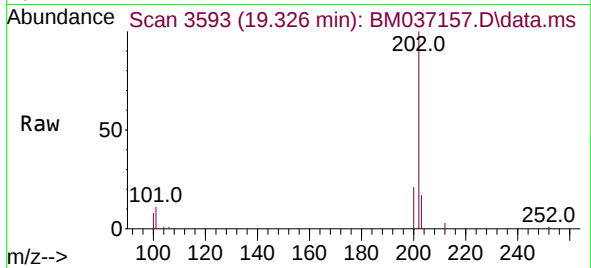




#19
Fluoranthene
Concen: 0.388 ng/ul
RT: 19.326 min Scan# 3593
Delta R.T. -0.005 min
Lab File: BM037157.D
Acq: 21 Oct 2022 04:01

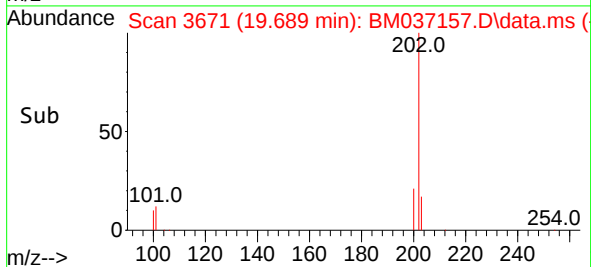
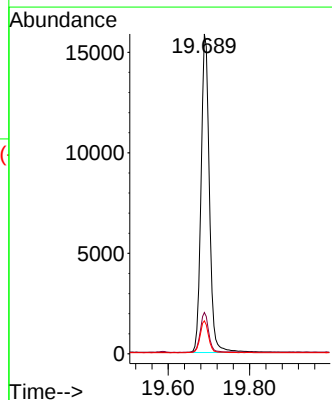
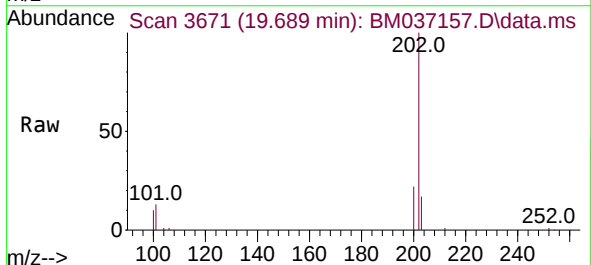
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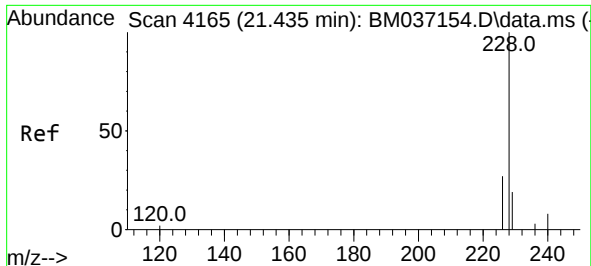
Tgt Ion:202 Resp: 21892
Ion Ratio Lower Upper
202 100
101 10.9 8.9 13.3
100 8.3 6.9 10.3



#20
Pyrene
Concen: 0.396 ng/ul
RT: 19.689 min Scan# 3671
Delta R.T. -0.009 min
Lab File: BM037157.D
Acq: 21 Oct 2022 04:01

Tgt Ion:202 Resp: 22626
Ion Ratio Lower Upper
202 100
101 12.9 9.7 14.5
100 10.3 7.8 11.8

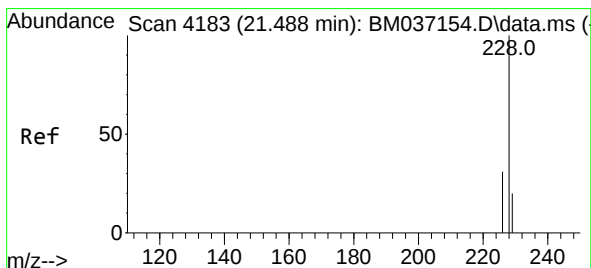
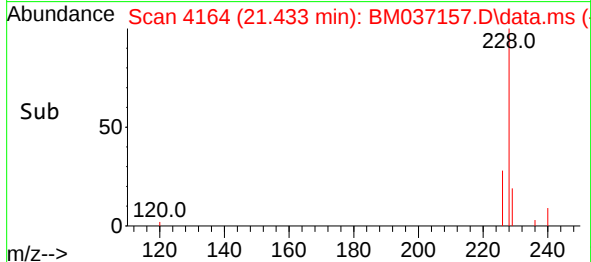
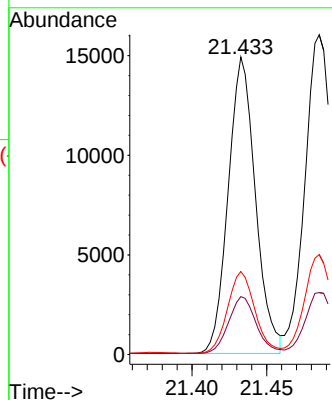
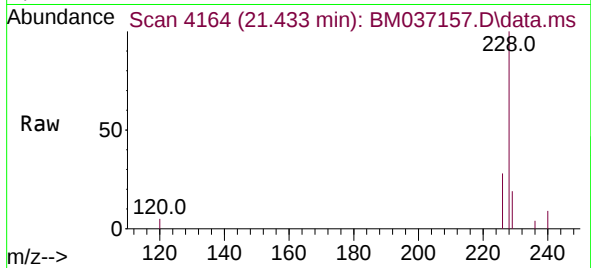




#21
Benzo(a)anthracene
Concen: 0.375 ng/ul
RT: 21.433 min Scan# 4165
Delta R.T. -0.009 min
Lab File: BM037157.D
Acq: 21 Oct 2022 04:01

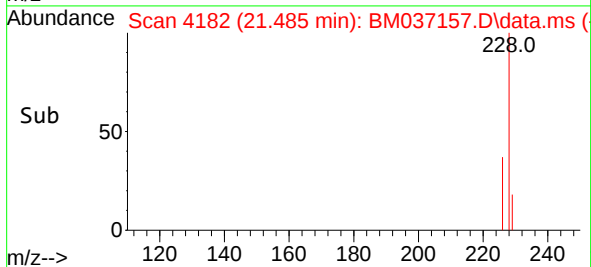
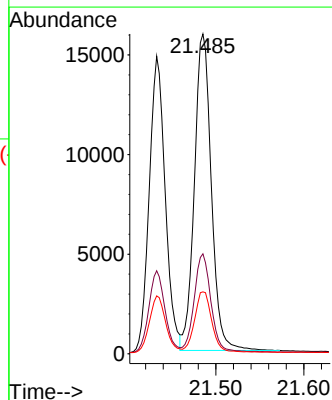
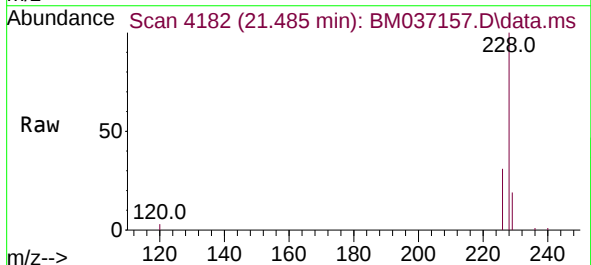
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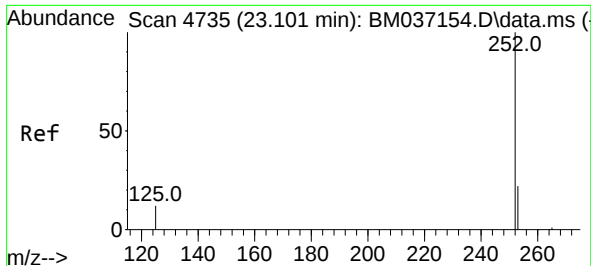
Tgt Ion:228 Resp: 18880
Ion Ratio Lower Upper
228 100
229 19.5 15.8 23.6
226 27.9 21.8 32.8



#22
Chrysene
Concen: 0.365 ng/ul
RT: 21.485 min Scan# 4182
Delta R.T. -0.006 min
Lab File: BM037157.D
Acq: 21 Oct 2022 04:01

Tgt Ion:228 Resp: 21174
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 19.4 16.0 24.0

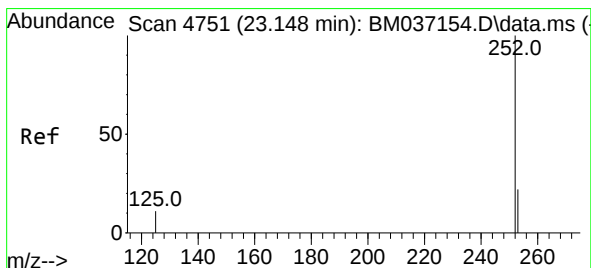
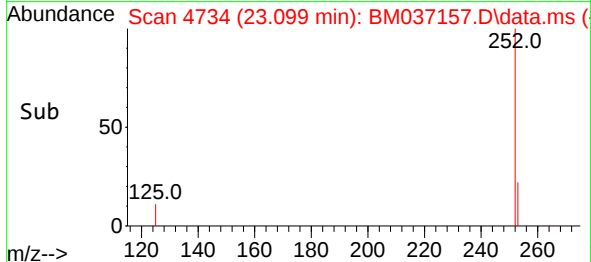
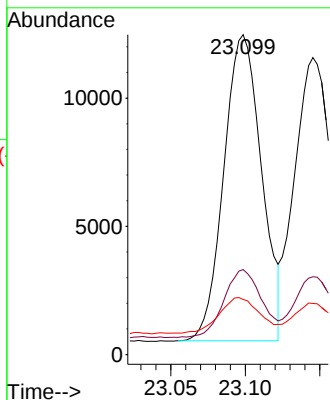
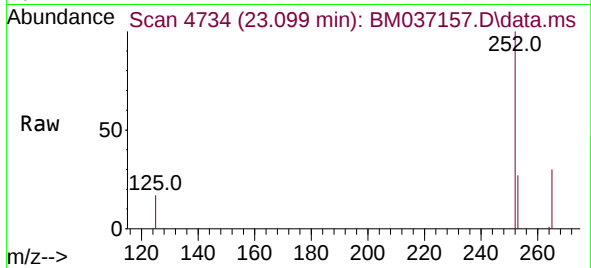




#24
Benzo(b)fluoranthene
Concen: 0.367 ng/ul
RT: 23.099 min Scan# 4734
Delta R.T. -0.012 min
Lab File: BM037157.D
Acq: 21 Oct 2022 04:01

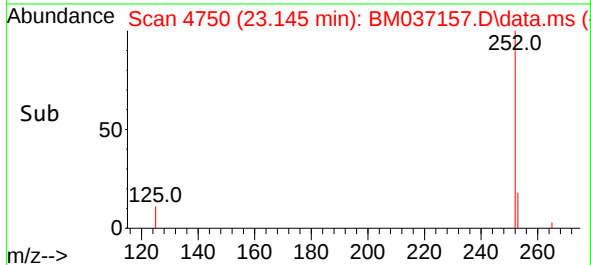
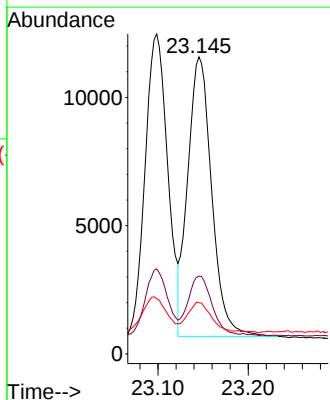
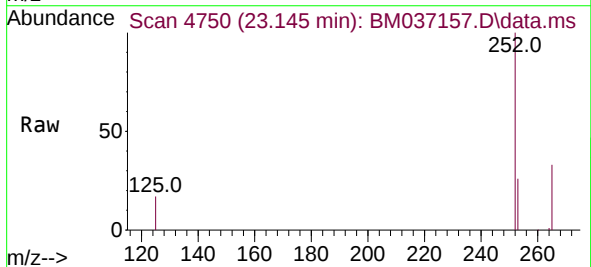
Instrument :
BNA_M
ClientSampleId :
SLCS326

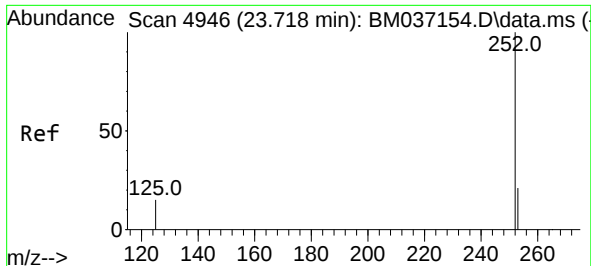
Tgt Ion:252	Resp:	21024
Ion Ratio	Lower	Upper
252	100	
253	26.6	0.0 50.6
125	17.2	0.0 32.6



#25
Benzo(k)fluoranthene
Concen: 0.363 ng/ul
RT: 23.145 min Scan# 4750
Delta R.T. -0.012 min
Lab File: BM037157.D
Acq: 21 Oct 2022 04:01

Tgt Ion:252	Resp:	20097
Ion Ratio	Lower	Upper
252	100	
253	26.2	20.6 30.8
125	17.2	13.3 19.9

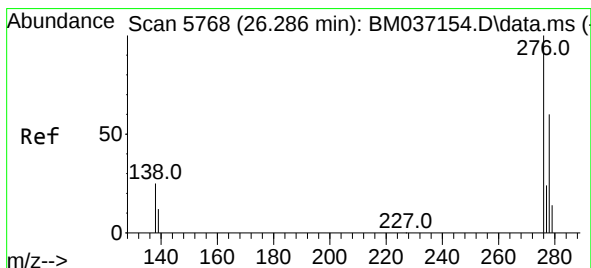
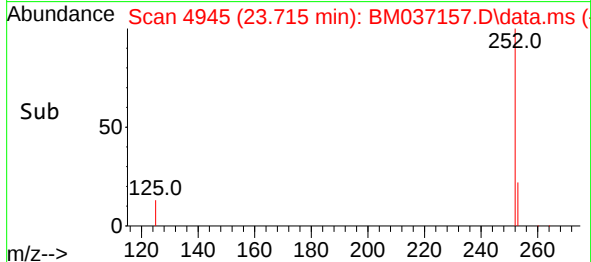
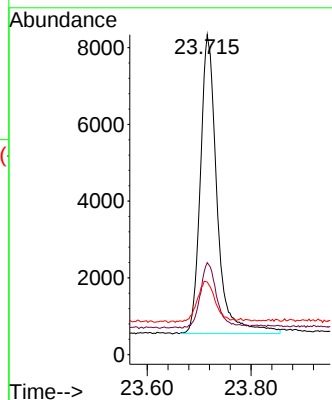
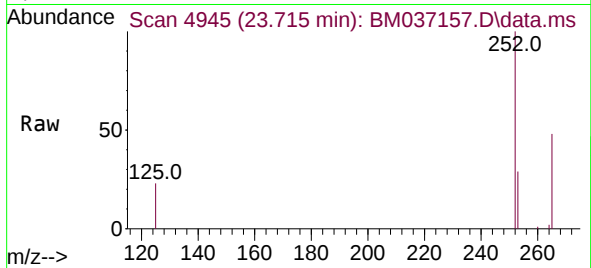




#26
Benzo(a)pyrene
Concen: 0.375 ng/ul
RT: 23.715 min Scan# 4946
Delta R.T. -0.015 min
Lab File: BM037157.D
Acq: 21 Oct 2022 04:01

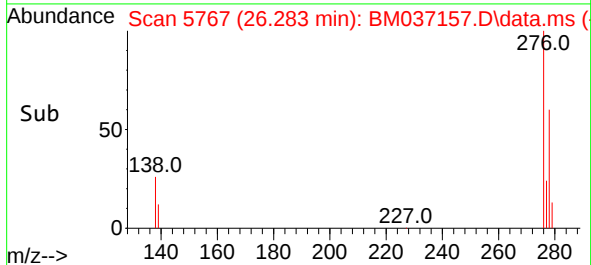
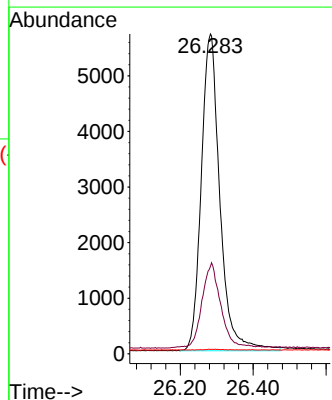
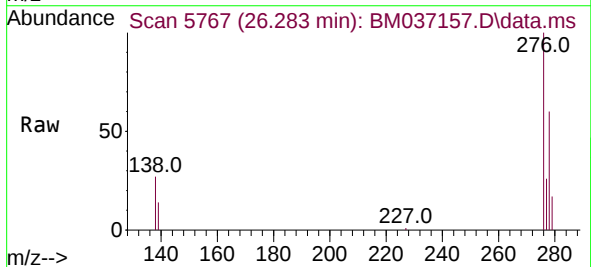
Instrument :
BNA_M
ClientSampleId :
SLCS326

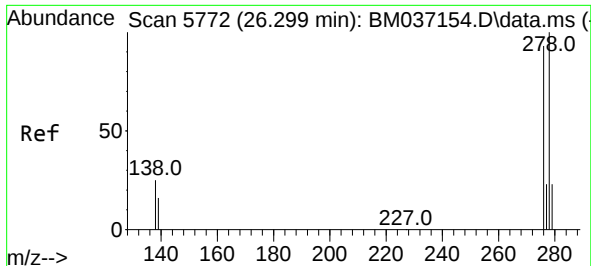
Tgt Ion:252	Resp:	17238
Ion Ratio	Lower	Upper
252	100	
253	28.7	22.1 33.1
125	22.7	17.6 26.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.315 ng/ul
RT: 26.283 min Scan# 5767
Delta R.T. -0.017 min
Lab File: BM037157.D
Acq: 21 Oct 2022 04:01

Tgt Ion:276	Resp:	20196
Ion Ratio	Lower	Upper
276	100	
138	27.4	21.4 32.0
227	0.2	0.1 0.1#

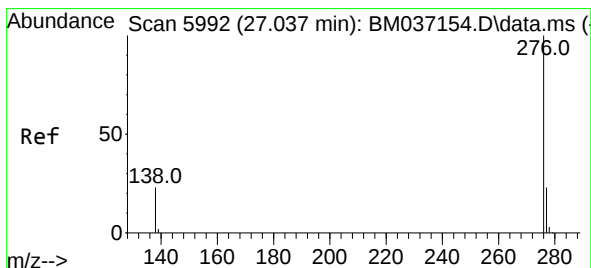
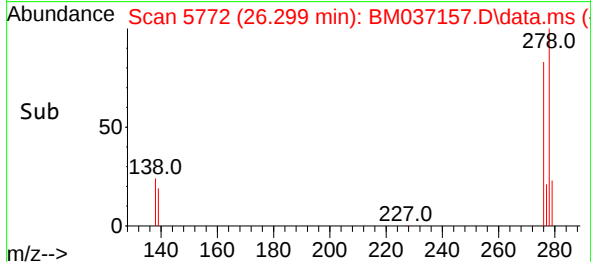
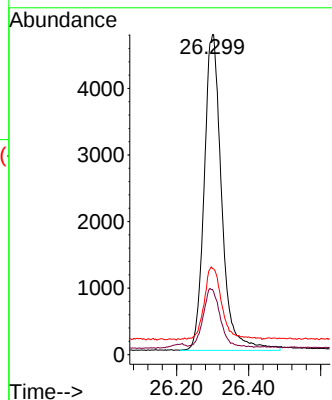
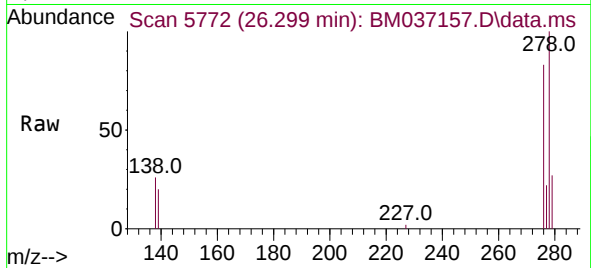




#28
Dibenzo(a,h)anthracene
Concen: 0.315 ng/ul
RT: 26.299 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM037157.D
Acq: 21 Oct 2022 04:01

Instrument :
BNA_M
ClientSampleId :
SLCS326

Tgt Ion:278 Resp: 15985
Ion Ratio Lower Upper
278 100
139 20.3 16.3 24.5
279 26.9 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.298 ng/ul
RT: 27.037 min Scan# 5992
Delta R.T. -0.020 min
Lab File: BM037157.D
Acq: 21 Oct 2022 04:01

Tgt Ion:276 Resp: 16856
Ion Ratio Lower Upper
276 100
138 24.5 19.8 29.8
277 24.9 20.1 30.1

