

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038968.D
 Acq On : 10 Mar 2023 05:57
 Operator : CG/JU
 Sample : PB151192BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS192

Quant Time: Mar 10 06:29:07 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)

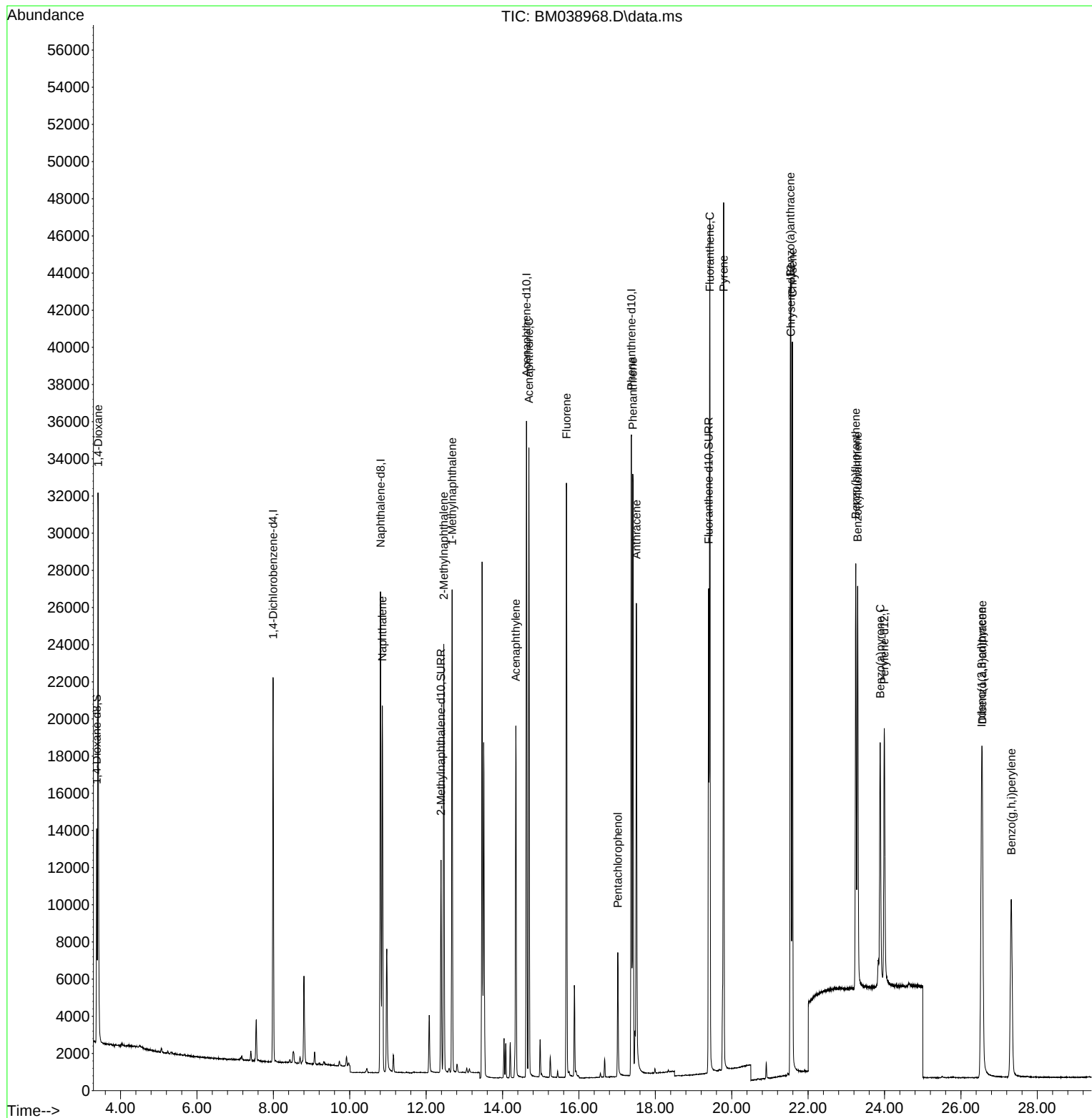
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.995	152	10302	0.400	ng/u1	0.00
4) Naphthalene-d8	10.804	136	34052	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.627	164	19009	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.373	188	39522	0.400	ng/u1	0.00
17) Chrysene-d12	21.551	240	29872	0.400	ng/u1	0.00
23) Perylene-d12	23.995	264	20295	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	7391	0.634	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.388	152	14329	0.348	ng/u1	0.00
18) Fluoranthene-d10	19.397	212	28143	0.396	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.413	88	20438	1.732	ng/u1	93
5) Naphthalene	10.854	128	26630	0.327	ng/u1	100
7) 2-Methylnaphthalene	12.459	142	16628	0.337	ng/u1	100
8) 1-Methylnaphthalene	12.679	142	17303	0.334	ng/u1	99
10) Acenaphthylene	14.349	152	21200	0.307	ng/u1	99
11) Acenaphthene	14.691	153	18296	0.322	ng/u1	98
12) Fluorene	15.672	166	20658	0.322	ng/u1	99
14) Pentachlorophenol	17.018	266	4583	0.482	ng/u1	99
15) Phenanthrene	17.411	178	34190	0.327	ng/u1	99
16) Anthracene	17.504	178	28494	0.331	ng/u1	99
19) Fluoranthene	19.425	202	37977	0.375	ng/u1	98
20) Pyrene	19.787	202	38735	0.373	ng/u1	100
21) Benzo(a)anthracene	21.534	228	31430	0.372	ng/u1	100
22) Chrysene	21.589	228	34958	0.344	ng/u1	100
24) Benzo(b)fluoranthene	23.247	252	29808	0.376	ng/u1	98
25) Benzo(k)fluoranthene	23.296	252	28591	0.360	ng/u1	99
26) Benzo(a)pyrene	23.887	252	22042	0.349	ng/u1	96
27) Indeno(1,2,3-cd)pyrene	26.540	276	25115	0.314	ng/u1#	97
28) Dibenzo(a,h)anthracene	26.560	278	20942	0.344	ng/u1	98
29) Benzo(g,h,i)perylene	27.318	276	22508	0.302	ng/u1	99

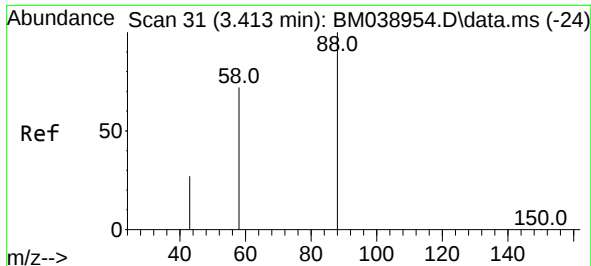
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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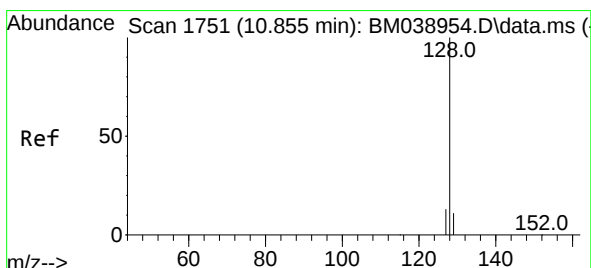
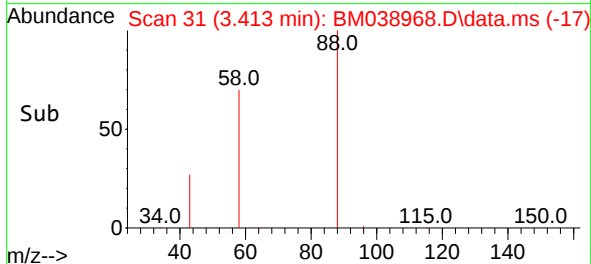
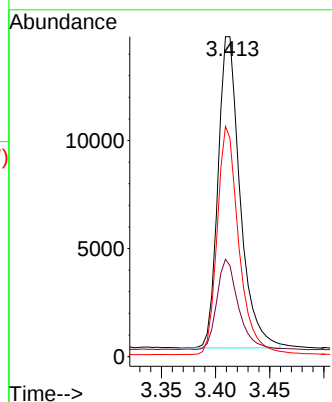
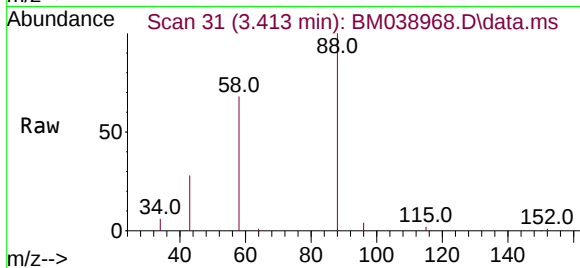




#2
1,4-Dioxane
Concen: 1.732 ng/ul
RT: 3.413 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM038968.D
Acq: 10 Mar 2023 05:57

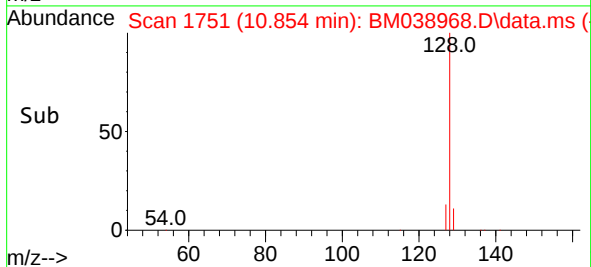
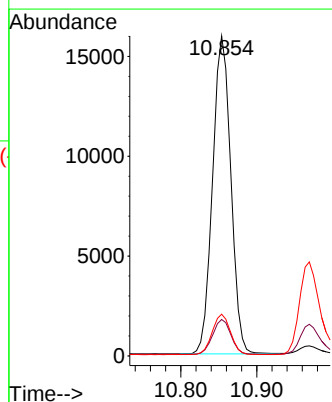
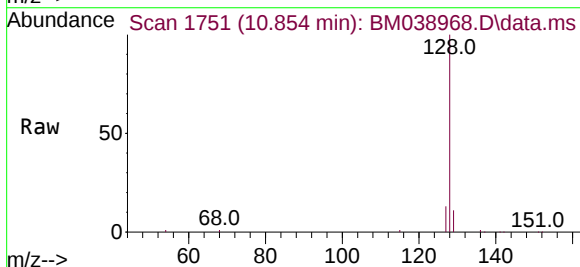
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BNA_M
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SLCS192

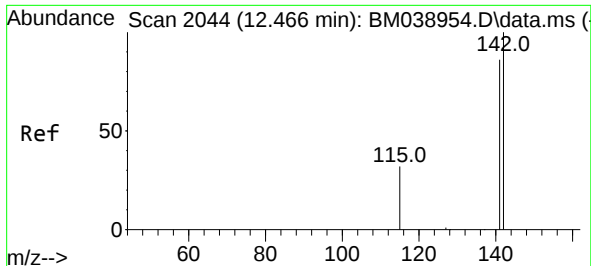
Tgt Ion: 88 Resp: 20438
Ion Ratio Lower Upper
88 100
43 28.4 27.2 40.8
58 68.3 50.8 76.2



#5
Naphthalene
Concen: 0.327 ng/ul
RT: 10.854 min Scan# 1751
Delta R.T. -0.001 min
Lab File: BM038968.D
Acq: 10 Mar 2023 05:57

Tgt Ion: 128 Resp: 26630
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.0 10.3 15.5

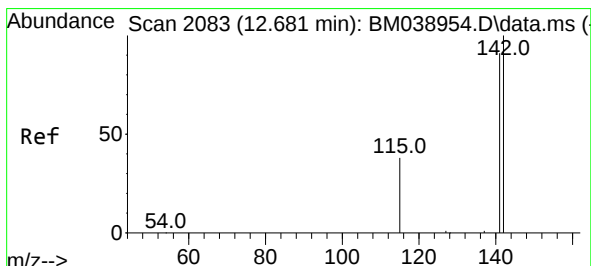
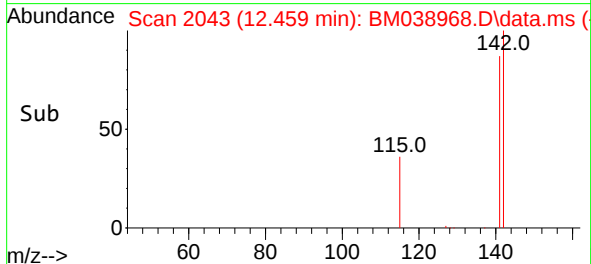
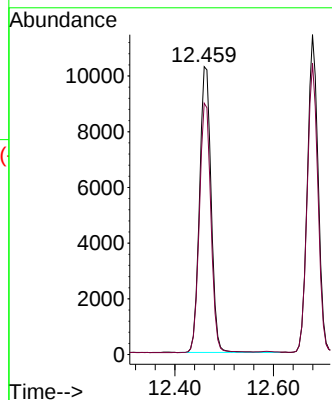
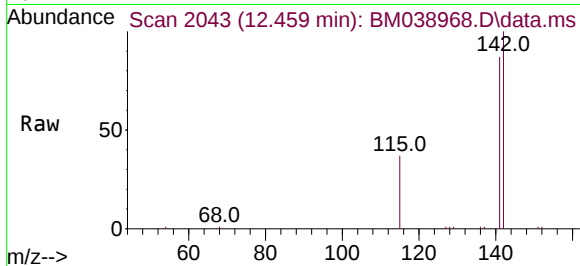




#7
2-Methylnaphthalene
Concen: 0.337 ng/ul
RT: 12.459 min Scan# 2044
Delta R.T. -0.007 min
Lab File: BM038968.D
Acq: 10 Mar 2023 05:57

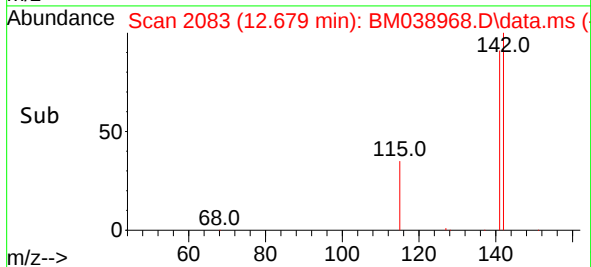
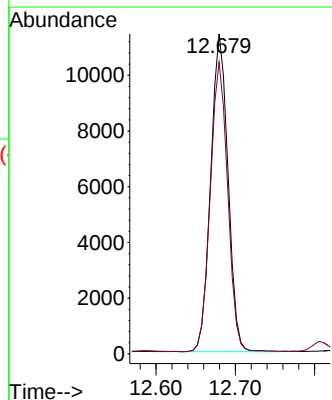
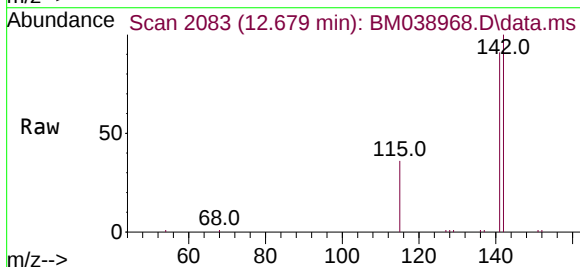
Instrument :
BNA_M
ClientSampleId :
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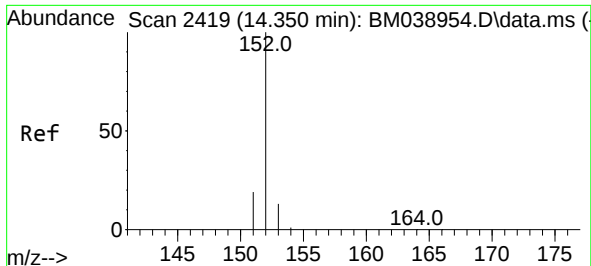
Tgt Ion:142 Resp: 16628
Ion Ratio Lower Upper
142 100
141 87.4 69.9 104.9



#8
1-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 12.679 min Scan# 2083
Delta R.T. -0.001 min
Lab File: BM038968.D
Acq: 10 Mar 2023 05:57

Tgt Ion:142 Resp: 17303
Ion Ratio Lower Upper
142 100
141 91.3 73.5 110.3

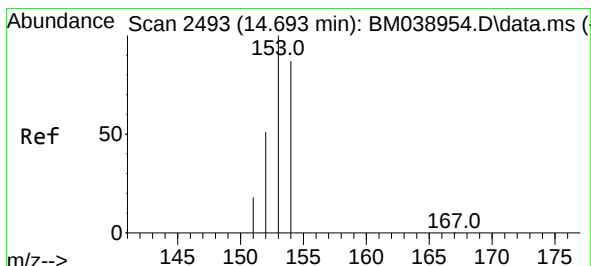
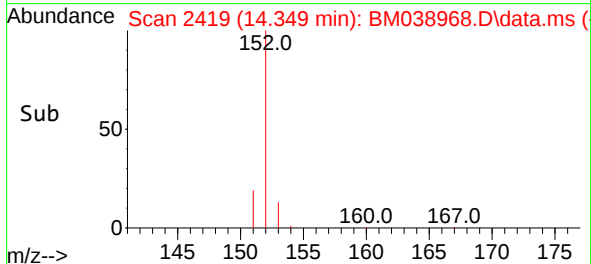
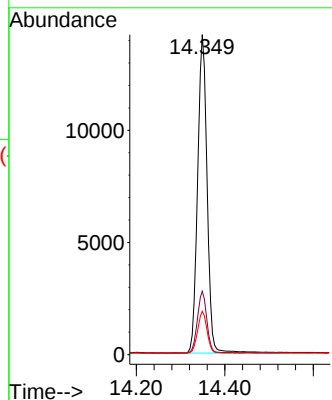
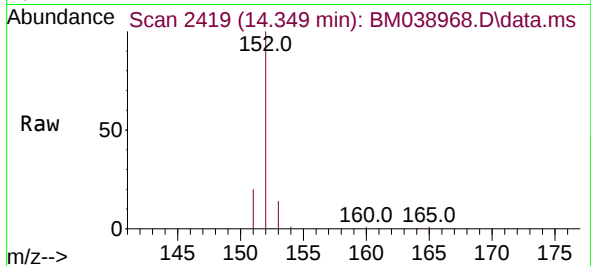




#10
Acenaphthylene
Concen: 0.307 ng/ul
RT: 14.349 min Scan# 2419
Delta R.T. -0.001 min
Lab File: BM038968.D
Acq: 10 Mar 2023 05:57

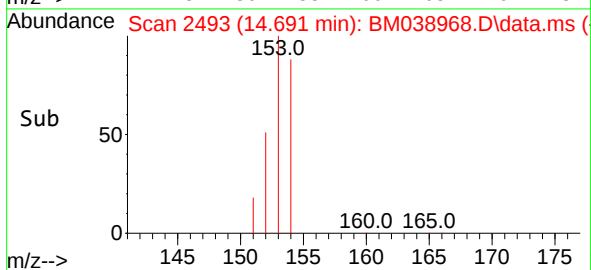
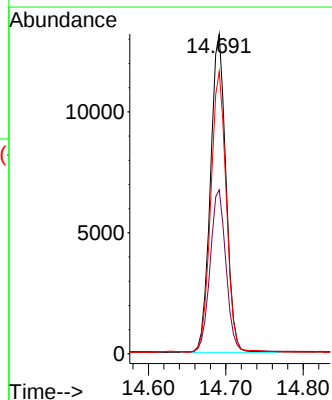
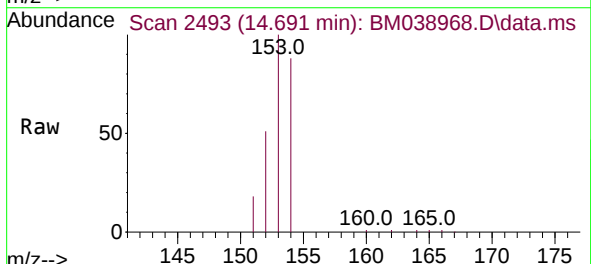
Instrument :
BNA_M
ClientSampleId :
SLCS192

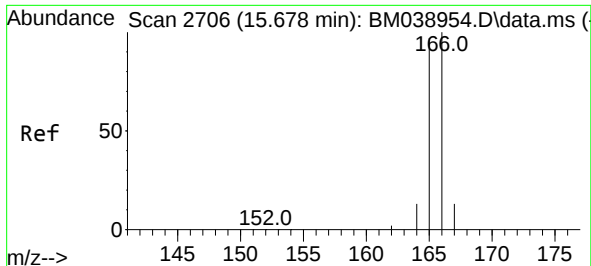
Tgt Ion:	152	Resp:	21200
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.6	23.4
153	13.5	10.6	15.8



#11
Acenaphthene
Concen: 0.322 ng/ul
RT: 14.691 min Scan# 2493
Delta R.T. -0.001 min
Lab File: BM038968.D
Acq: 10 Mar 2023 05:57

Tgt Ion:	153	Resp:	18296
Ion	Ratio	Lower	Upper
153	100		
152	51.3	44.2	66.2
154	88.3	70.6	105.8

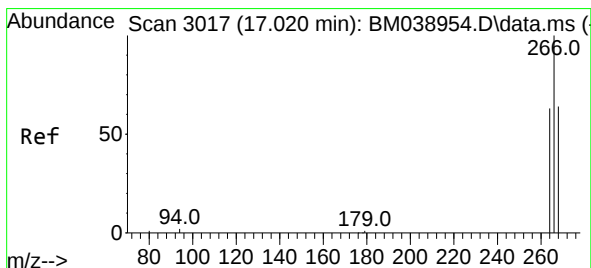
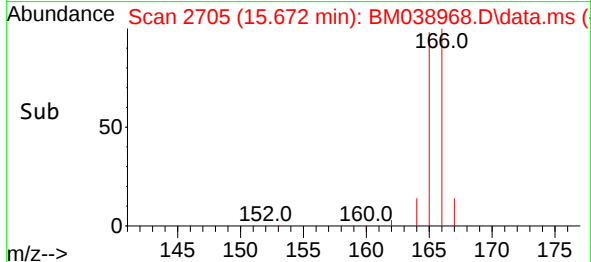
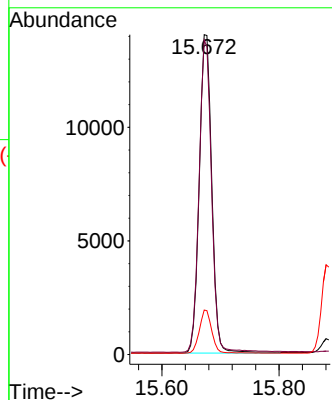
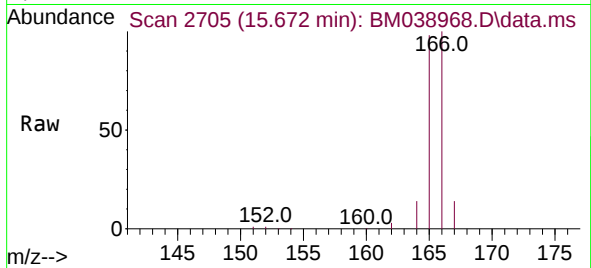




#12
 Fluorene
 Concen: 0.322 ng/ul
 RT: 15.672 min Scan# 2706
 Delta R.T. -0.006 min
 Lab File: BM038968.D
 Acq: 10 Mar 2023 05:57

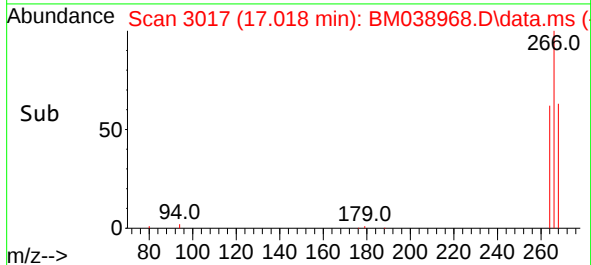
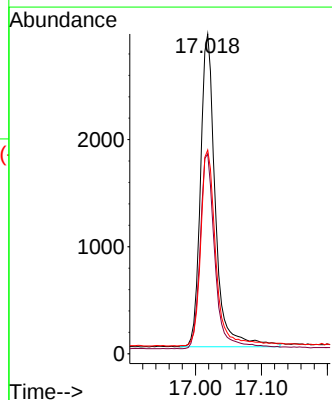
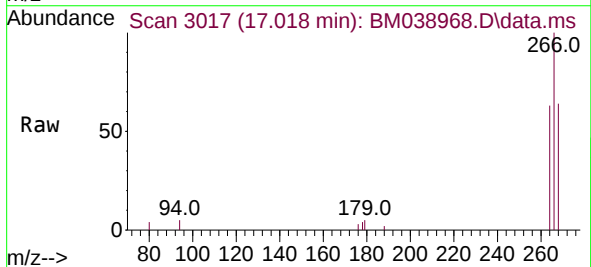
Instrument :
 BNA_M
 ClientSampleId :
 SLCS192

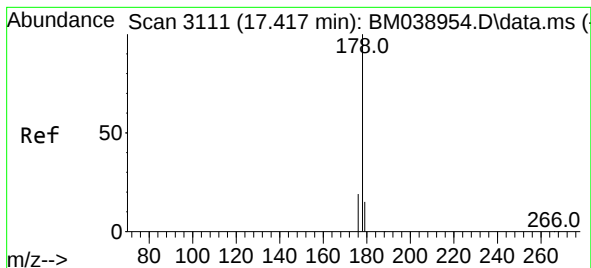
Tgt Ion:166	Resp:	20658
Ion Ratio	Lower	Upper
166	100	
165	98.3	77.8 116.6
167	13.9	11.4 17.2



#14
 Pentachlorophenol
 Concen: 0.482 ng/ul
 RT: 17.018 min Scan# 3017
 Delta R.T. -0.001 min
 Lab File: BM038968.D
 Acq: 10 Mar 2023 05:57

Tgt Ion:266	Resp:	4583
Ion Ratio	Lower	Upper
266	100	
264	62.5	50.2 75.2
268	64.0	50.2 75.4





#15

Phenanthrene

Concen: 0.327 ng/ul

RT: 17.411 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BM038968.D

Acq: 10 Mar 2023 05:57

Instrument :

BNA_M

ClientSampleId :

SLCS192

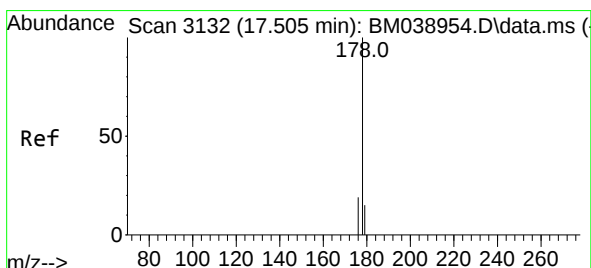
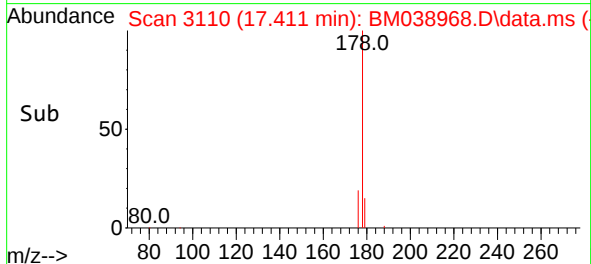
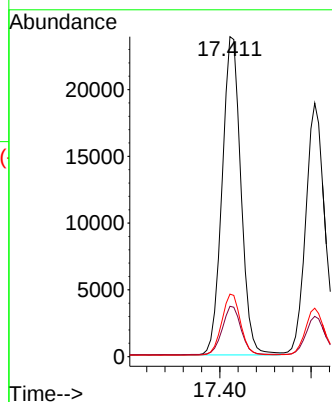
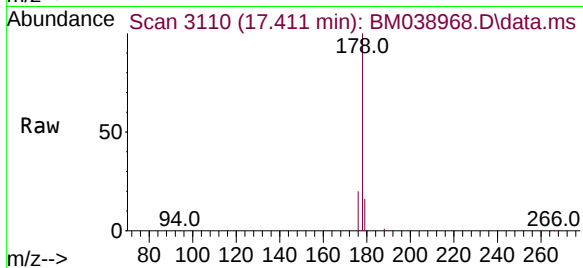
Tgt Ion:178 Resp: 34190

Ion Ratio Lower Upper

178 100

179 15.7 12.7 19.1

176 19.5 15.9 23.9



#16

Anthracene

Concen: 0.331 ng/ul

RT: 17.504 min Scan# 3132

Delta R.T. -0.001 min

Lab File: BM038968.D

Acq: 10 Mar 2023 05:57

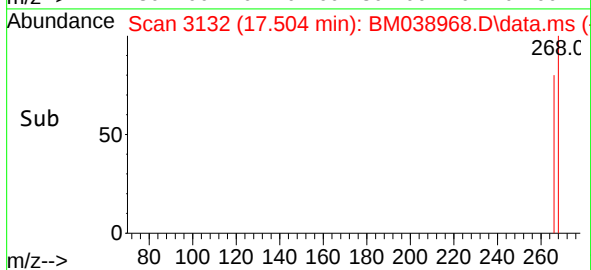
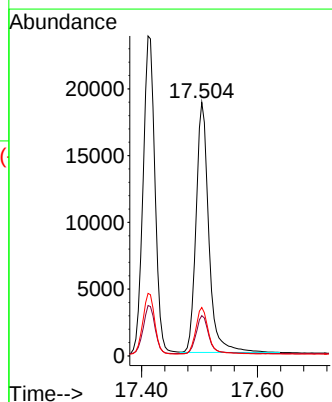
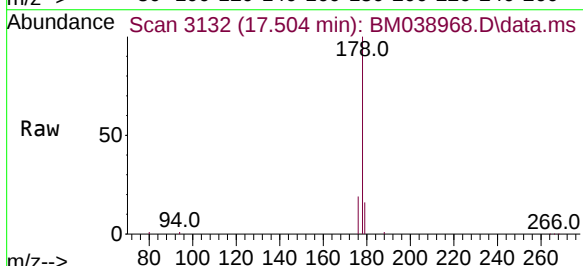
Tgt Ion:178 Resp: 28494

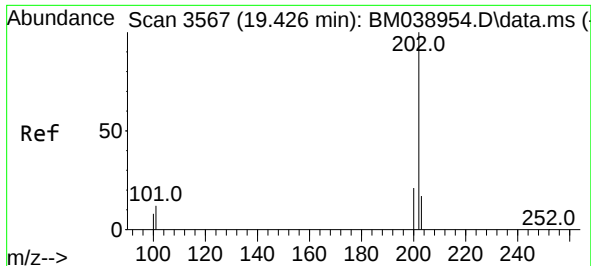
Ion Ratio Lower Upper

178 100

179 15.9 13.0 19.6

176 19.1 15.4 23.2

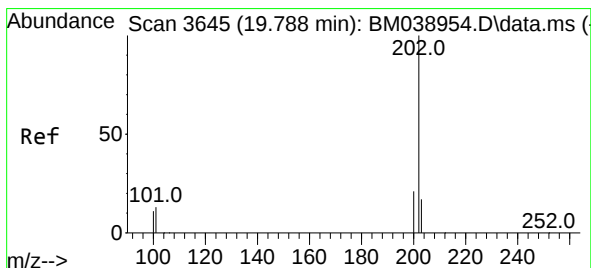
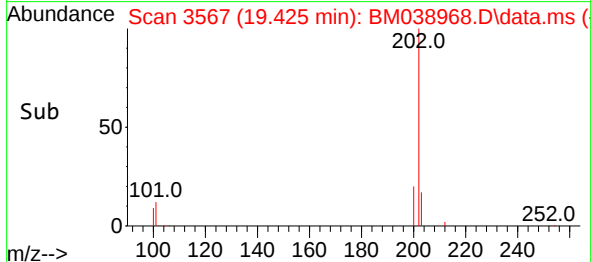
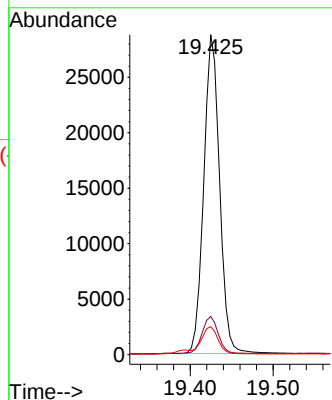
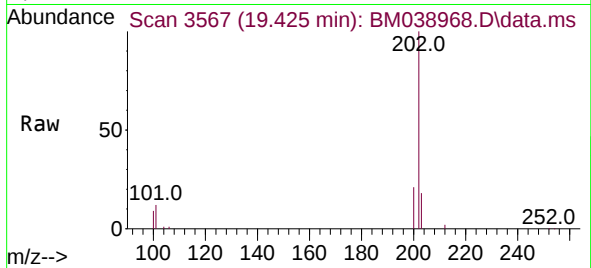




#19
Fluoranthene
Concen: 0.375 ng/ul
RT: 19.425 min Scan# 3567
Delta R.T. -0.001 min
Lab File: BM038968.D
Acq: 10 Mar 2023 05:57

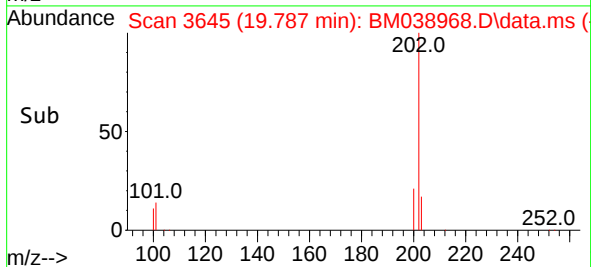
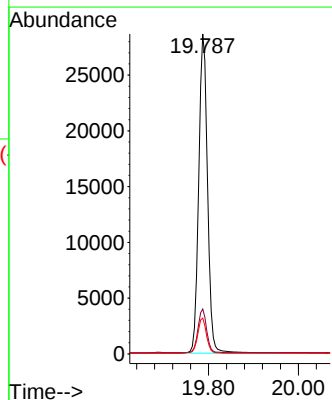
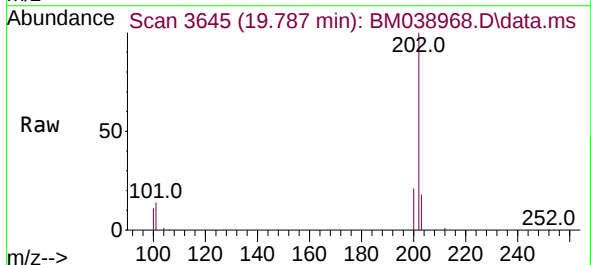
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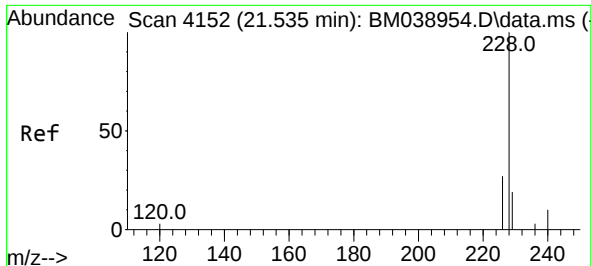
Tgt Ion:202 Resp: 37977
Ion Ratio Lower Upper
202 100
101 11.9 8.9 13.3
100 8.7 6.8 10.2



#20
Pyrene
Concen: 0.373 ng/ul
RT: 19.787 min Scan# 3645
Delta R.T. -0.001 min
Lab File: BM038968.D
Acq: 10 Mar 2023 05:57

Tgt Ion:202 Resp: 38735
Ion Ratio Lower Upper
202 100
101 14.0 11.2 16.8
100 11.2 9.0 13.6

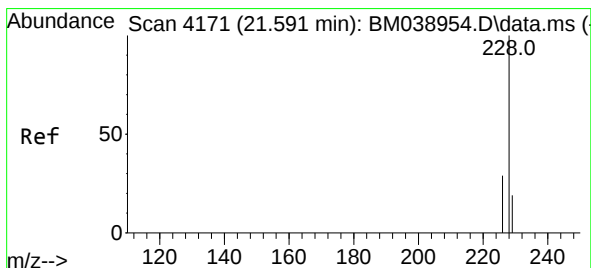
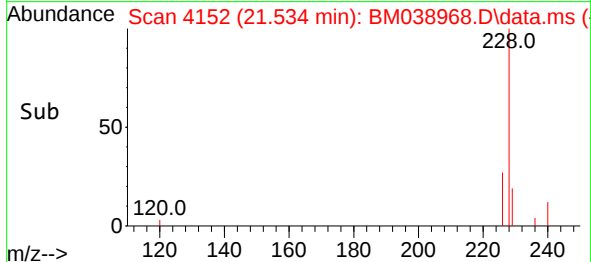
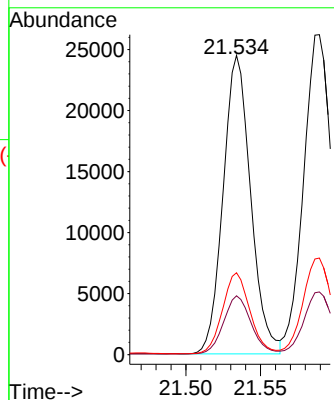
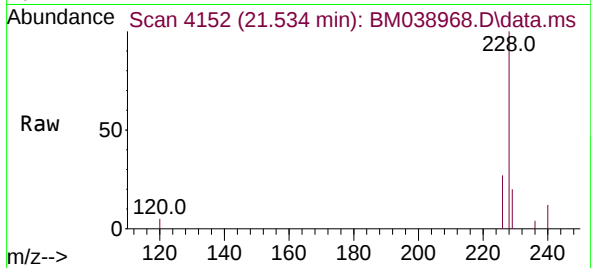




#21
Benzo(a)anthracene
Concen: 0.372 ng/ul
RT: 21.534 min Scan# 4152
Delta R.T. -0.004 min
Lab File: BM038968.D
Acq: 10 Mar 2023 05:57

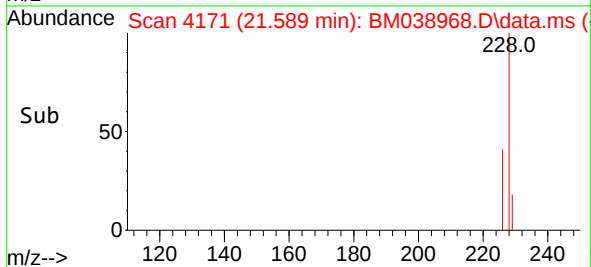
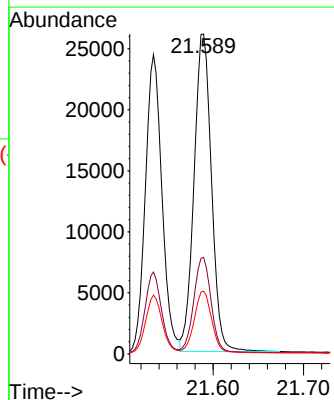
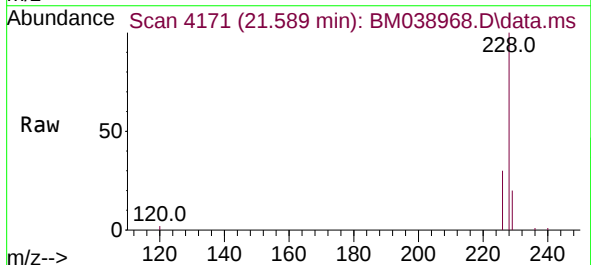
Instrument :
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ClientSampleId :
SLCS192

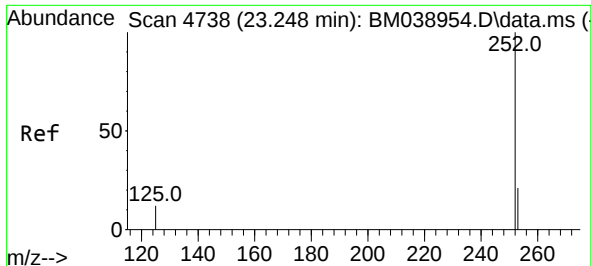
Tgt Ion:228 Resp: 31430
Ion Ratio Lower Upper
228 100
229 19.7 15.6 23.4
226 27.4 22.0 33.0



#22
Chrysene
Concen: 0.344 ng/ul
RT: 21.589 min Scan# 4171
Delta R.T. -0.001 min
Lab File: BM038968.D
Acq: 10 Mar 2023 05:57

Tgt Ion:228 Resp: 34958
Ion Ratio Lower Upper
228 100
226 30.2 24.0 36.0
229 19.6 15.7 23.5

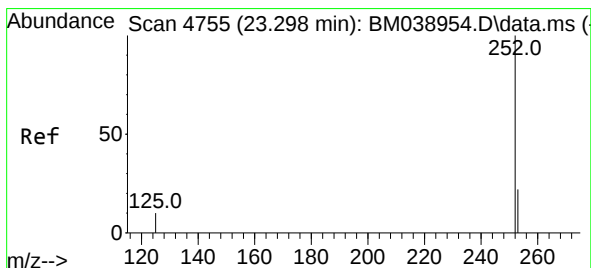
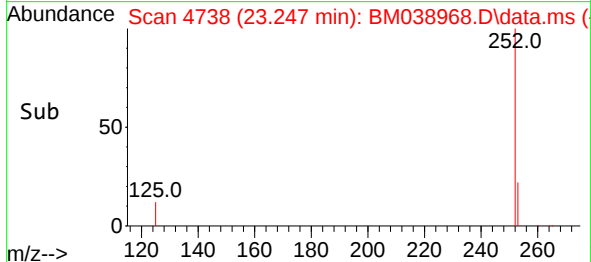
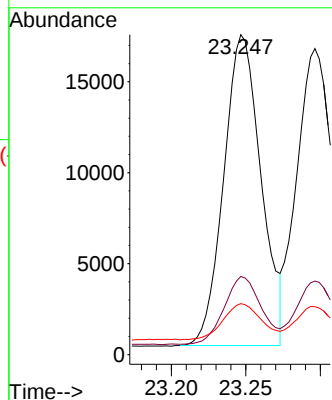
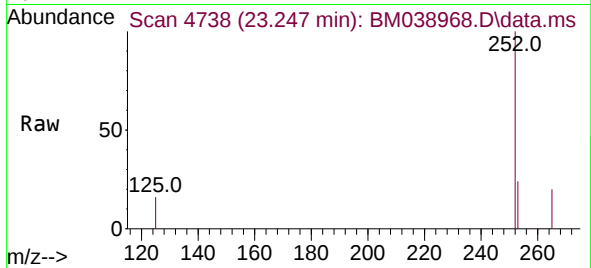




#24
Benzo(b)fluoranthene
Concen: 0.376 ng/ul
RT: 23.247 min Scan# 4738
Delta R.T. -0.004 min
Lab File: BM038968.D
Acq: 10 Mar 2023 05:57

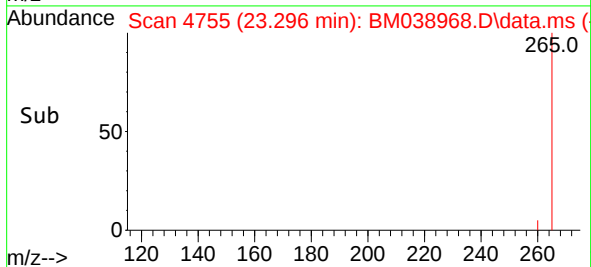
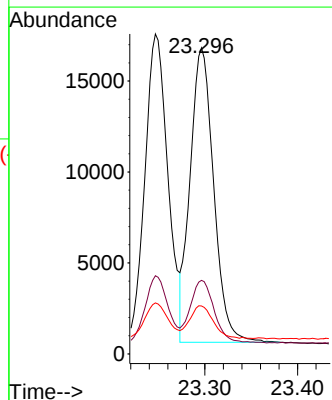
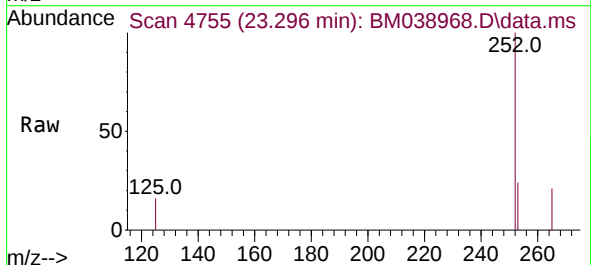
Instrument :
BNA_M
ClientSampleId :
SLCS192

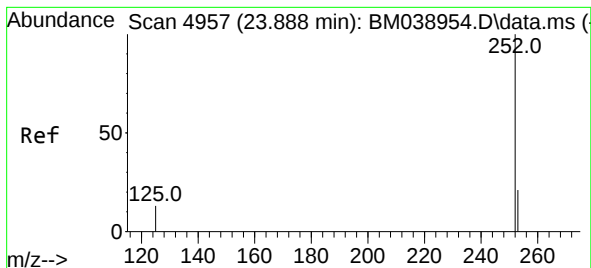
Tgt Ion:252	Resp:	29808
Ion Ratio	Lower	Upper
252	100	
253	24.4	0.0 47.6
125	15.9	0.0 29.2



#25
Benzo(k)fluoranthene
Concen: 0.360 ng/ul
RT: 23.296 min Scan# 4755
Delta R.T. -0.004 min
Lab File: BM038968.D
Acq: 10 Mar 2023 05:57

Tgt Ion:252	Resp:	28591
Ion Ratio	Lower	Upper
252	100	
253	24.0	19.2 28.8
125	15.7	11.8 17.6





#26

Benzo(a)pyrene

Concen: 0.349 ng/ul

RT: 23.887 min Scan# 4957

Delta R.T. -0.001 min

Lab File: BM038968.D

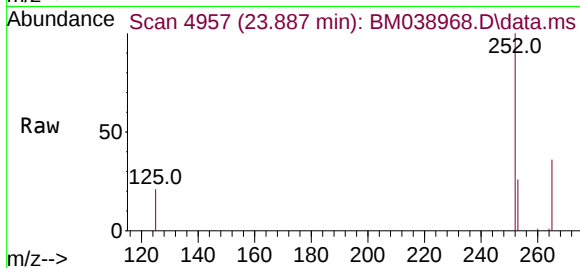
Acq: 10 Mar 2023 05:57

Instrument :

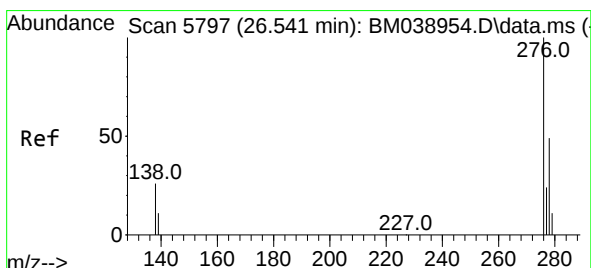
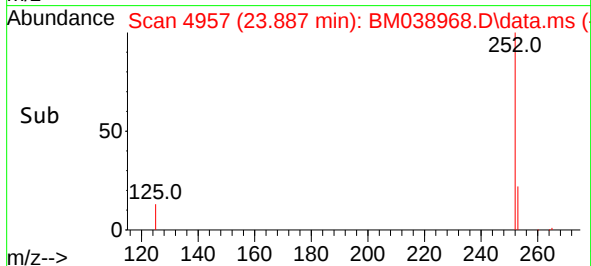
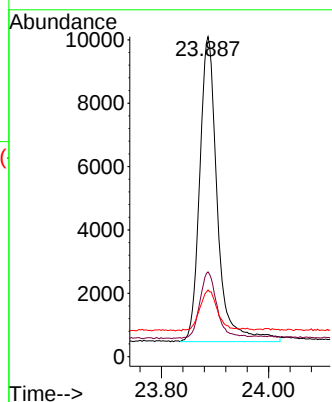
BNA_M

ClientSampleId :

SLCS192



Tgt Ion:	252	Resp:	22042
Ion Ratio	Lower	Upper	
252	100		
253	26.5	20.3	30.5
125	20.8	14.0	21.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.314 ng/ul

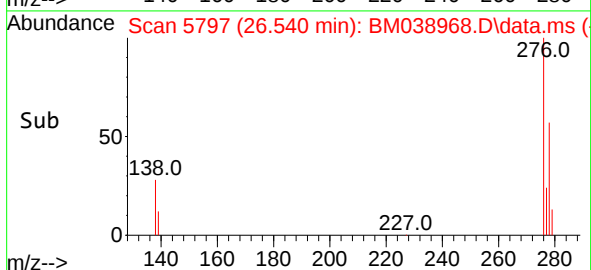
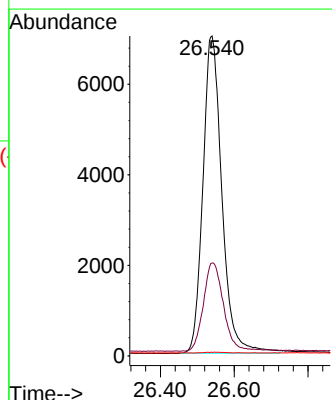
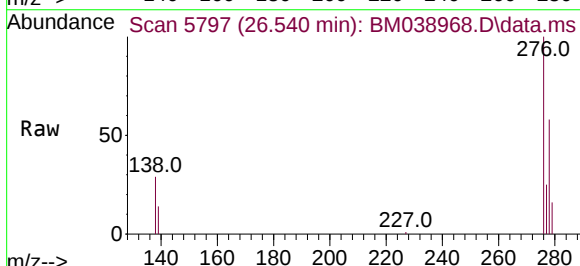
RT: 26.540 min Scan# 5797

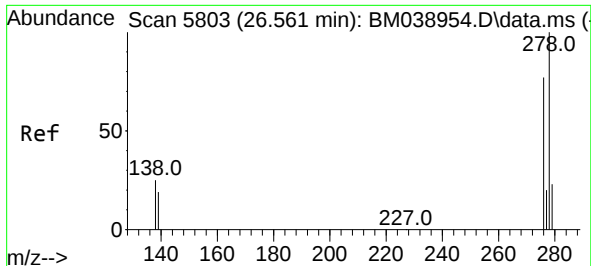
Delta R.T. -0.005 min

Lab File: BM038968.D

Acq: 10 Mar 2023 05:57

Tgt Ion:	276	Resp:	25115
Ion Ratio	Lower	Upper	
276	100		
138	29.6	22.2	33.4
227	0.1	0.2	0.2

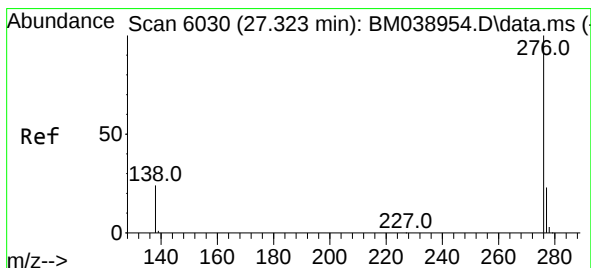
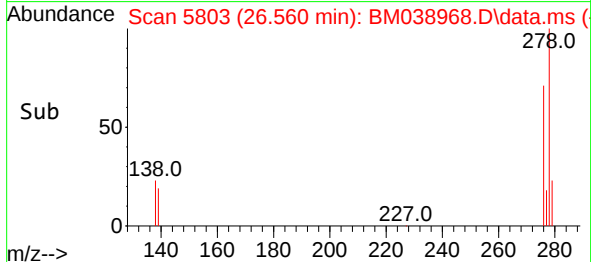
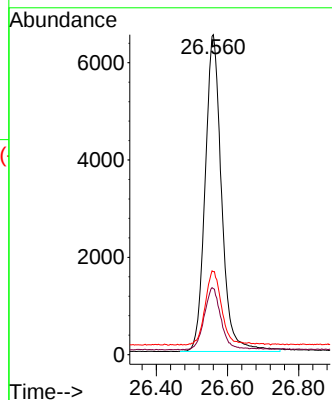
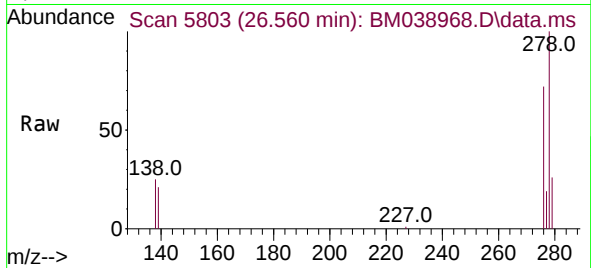




#28
Dibenzo(a,h)anthracene
Concen: 0.344 ng/ul
RT: 26.560 min Scan# 5803
Delta R.T. -0.008 min
Lab File: BM038968.D
Acq: 10 Mar 2023 05:57

Instrument :
BNA_M
ClientSampleId :
SLCS192

Tgt Ion:	278	Resp:	20942
Ion Ratio	Lower	Upper	
278	100		
139	20.6	16.0	24.0
279	25.9	21.8	32.6



#29
Benzo(g,h,i)perylene
Concen: 0.302 ng/ul
RT: 27.318 min Scan# 6029
Delta R.T. -0.008 min
Lab File: BM038968.D
Acq: 10 Mar 2023 05:57

Tgt Ion:	276	Resp:	22508
Ion Ratio	Lower	Upper	
276	100		
138	26.6	20.2	30.4
277	24.8	19.8	29.8

