

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037010.D
 Acq On : 13 Oct 2022 10:48
 Operator : CG/JU
 Sample : PB148250BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS250

Quant Time: Oct 13 23:32:40 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

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

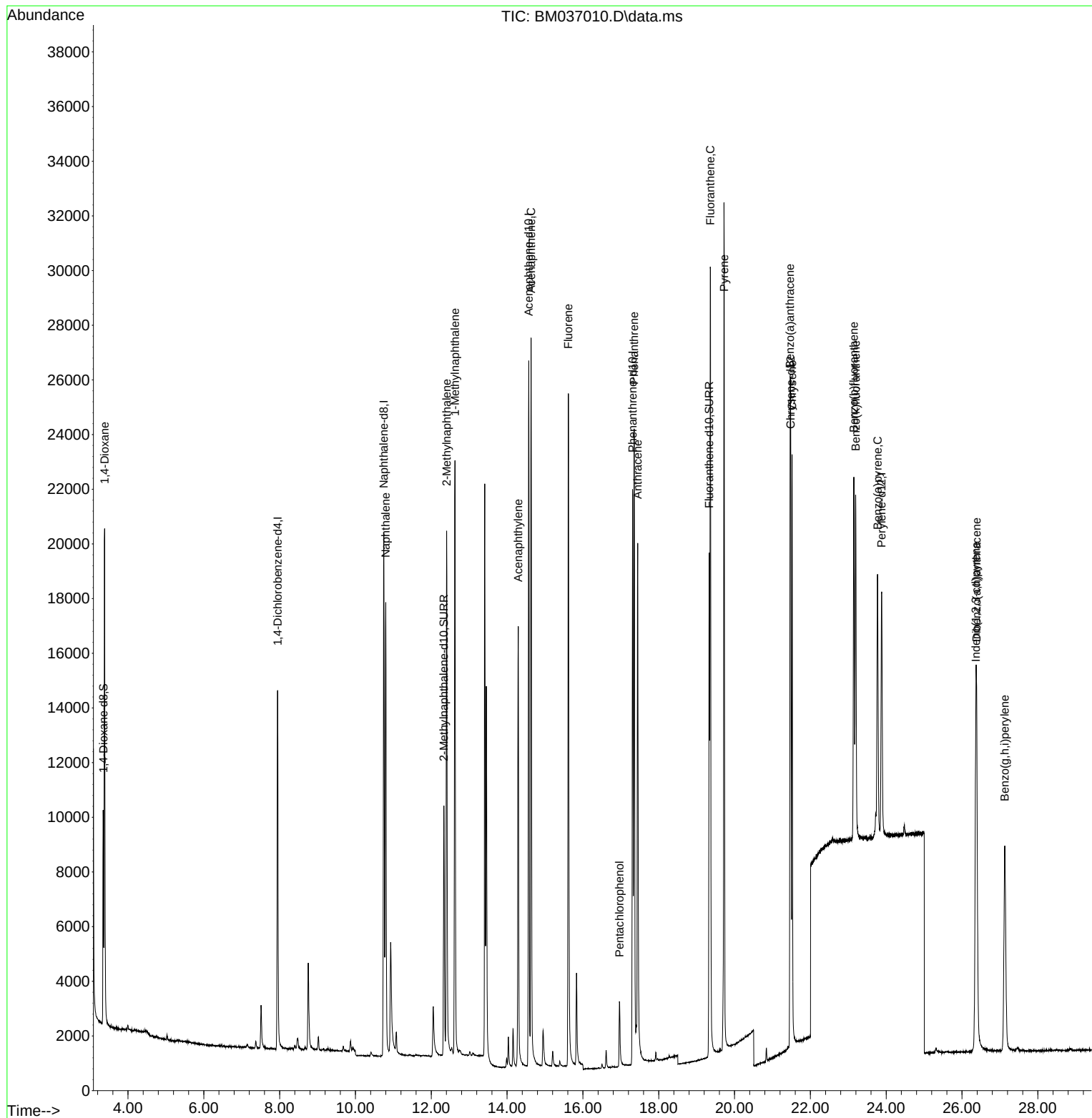
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	7347	0.400	ng/ul	0.00
4) Naphthalene-d8	10.749	136	27047	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.570	164	14772	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	27609	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	15826	0.400	ng/ul	0.00
23) Perylene-d12	23.879	264	13154	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	5148	0.497	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	13102	0.321	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	20726	0.438	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.382	88	12410	1.225	ng/ul#	78
5) Naphthalene	10.798	128	23331	0.302	ng/ul	97
7) 2-Methylnaphthalene	12.404	142	14717	0.311	ng/ul	91
8) 1-Methylnaphthalene	12.624	142	15797	0.329	ng/ul	99
10) Acenaphthylene	14.293	152	19722	0.321	ng/ul	99
11) Acenaphthene	14.631	153	16181	0.304	ng/ul	99
12) Fluorene	15.616	166	17600	0.292	ng/ul	100
14) Pentachlorophenol	16.963	266	2075	0.311	ng/ul	99
15) Phenanthrene	17.351	178	26934	0.306	ng/ul	100
16) Anthracene	17.444	178	23650	0.321	ng/ul	99
19) Fluoranthene	19.364	202	26305	0.418	ng/ul	98
20) Pyrene	19.721	202	26344	0.401	ng/ul	99
21) Benzo(a)anthracene	21.465	228	18923	0.331	ng/ul	100
22) Chrysene	21.517	228	19072	0.311	ng/ul	100
24) Benzo(b)fluoranthene	23.145	252	17770	0.302	ng/ul	96
25) Benzo(k)fluoranthene	23.192	252	17122	0.299	ng/ul	97
26) Benzo(a)pyrene	23.771	252	15118	0.317	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.363	276	20299	0.301	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.383	278	16023	0.294	ng/ul	94
29) Benzo(g,h,i)perylene	27.128	276	17337	0.291	ng/ul	99

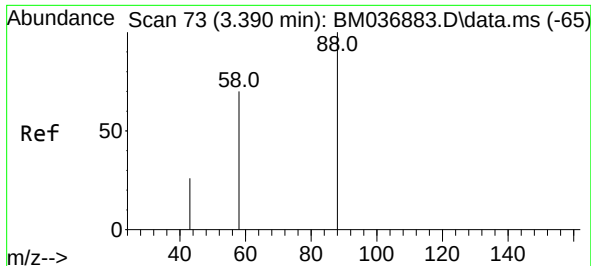
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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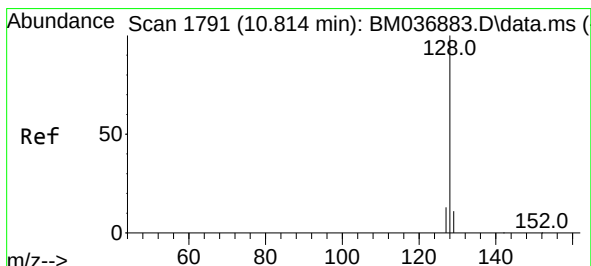
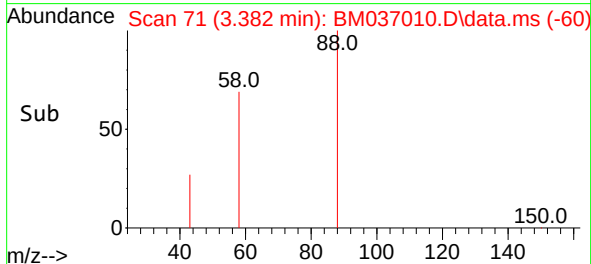
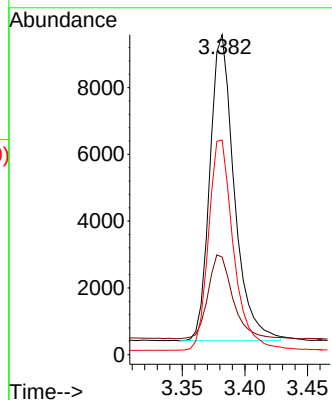
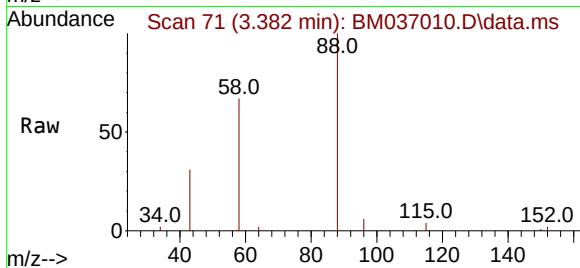




#2
1,4-Dioxane
Concen: 1.225 ng/ul
RT: 3.382 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM037010.D
Acq: 13 Oct 2022 10:48

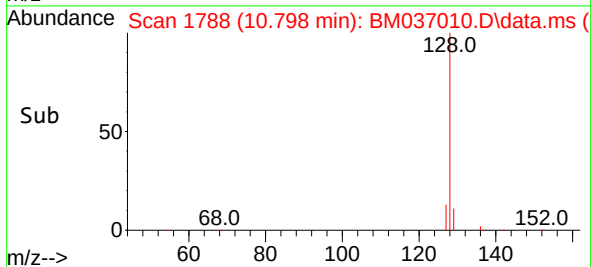
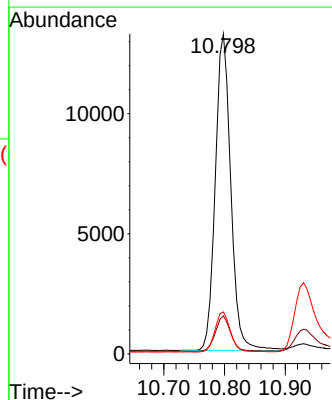
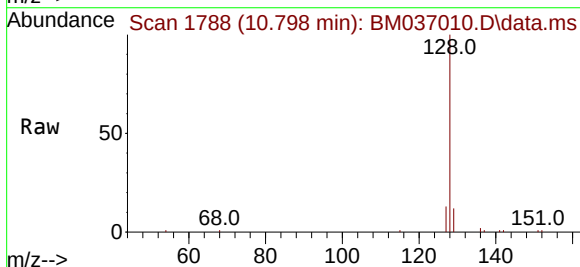
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BNA_M
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SLCS250

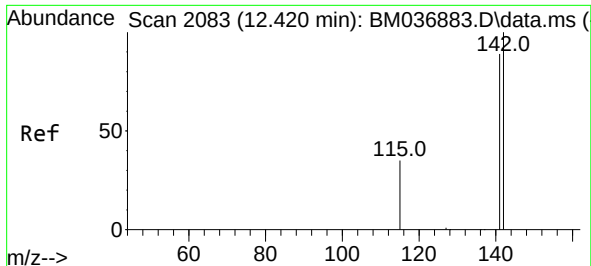
Tgt Ion: 88 Resp: 12410
Ion Ratio Lower Upper
88 100
43 30.5 37.8 56.6#
58 67.1 42.6 63.8#



#5
Naphthalene
Concen: 0.302 ng/ul
RT: 10.798 min Scan# 1788
Delta R.T. -0.005 min
Lab File: BM037010.D
Acq: 13 Oct 2022 10:48

Tgt Ion: 128 Resp: 23331
Ion Ratio Lower Upper
128 100
129 11.9 10.2 15.2
127 13.2 11.7 17.5

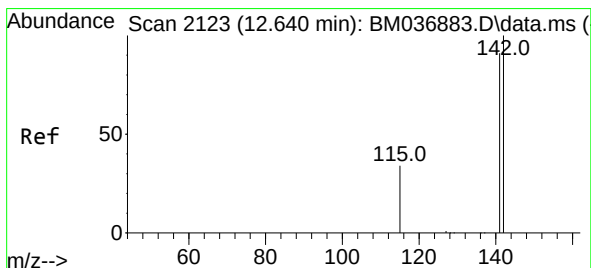
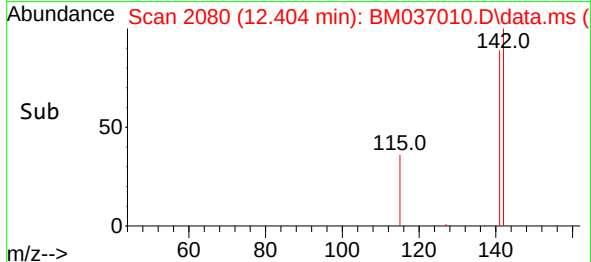
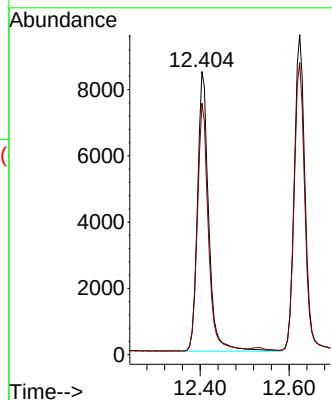
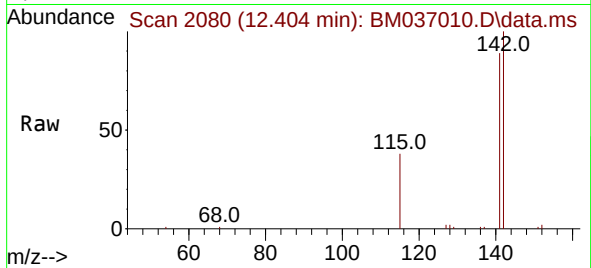




#7
2-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BM037010.D
Acq: 13 Oct 2022 10:48

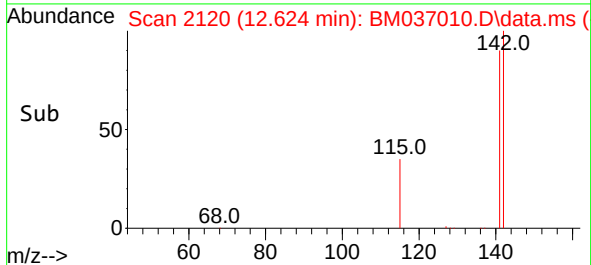
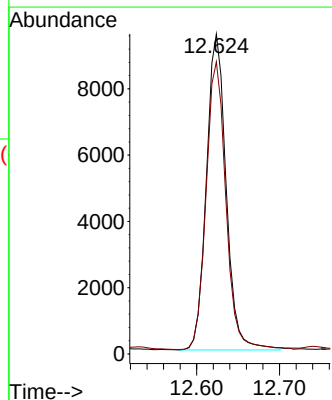
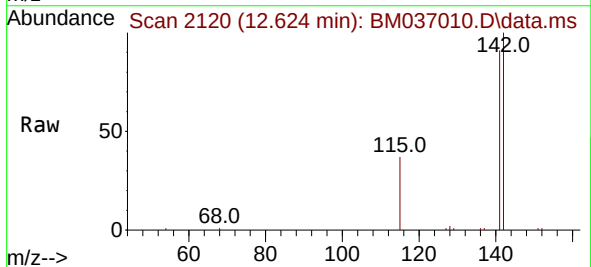
Instrument :
BNA_M
ClientSampleId :
SLCS250

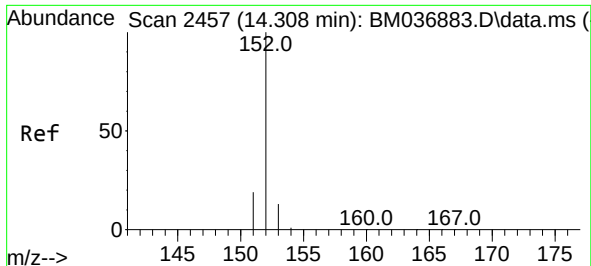
Tgt Ion:142 Resp: 14717
Ion Ratio Lower Upper
142 100
141 87.8 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.329 ng/ul
RT: 12.624 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BM037010.D
Acq: 13 Oct 2022 10:48

Tgt Ion:142 Resp: 15797
Ion Ratio Lower Upper
142 100
141 91.2 74.1 111.1

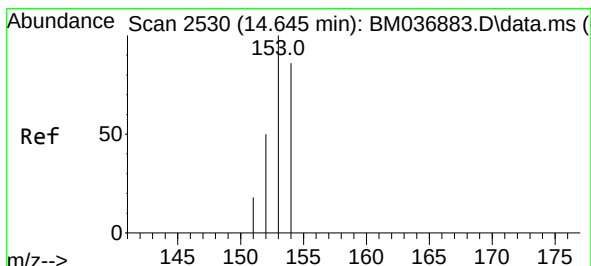
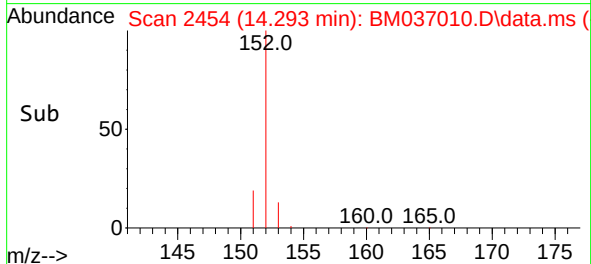
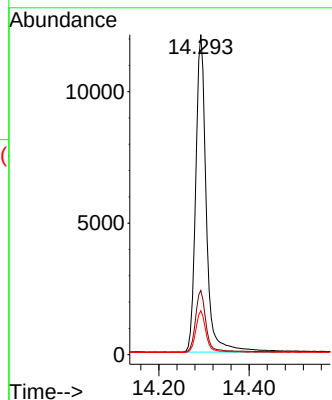
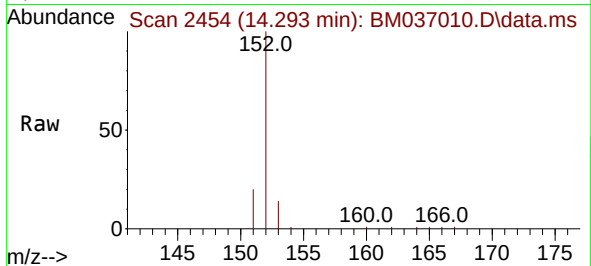




#10
Acenaphthylene
Concen: 0.321 ng/ul
RT: 14.293 min Scan# 2454
Delta R.T. -0.005 min
Lab File: BM037010.D
Acq: 13 Oct 2022 10:48

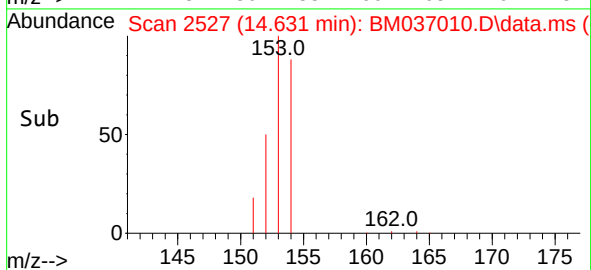
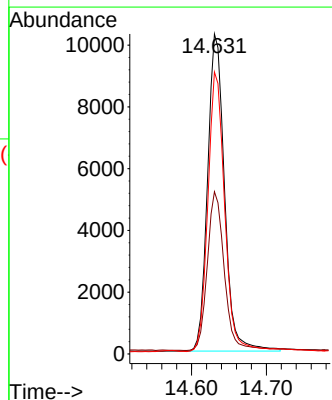
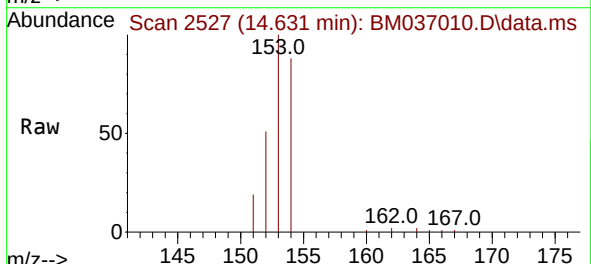
Instrument :
BNA_M
ClientSampleId :
SLCS250

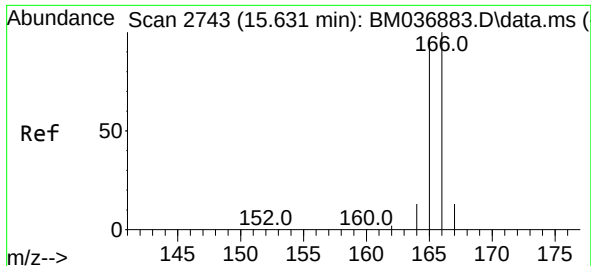
Tgt Ion:152 Resp: 19722
Ion Ratio Lower Upper
152 100
151 20.1 16.6 24.8
153 13.7 11.4 17.0



#11
Acenaphthene
Concen: 0.304 ng/ul
RT: 14.631 min Scan# 2527
Delta R.T. -0.009 min
Lab File: BM037010.D
Acq: 13 Oct 2022 10:48

Tgt Ion:153 Resp: 16181
Ion Ratio Lower Upper
153 100
152 50.7 40.2 60.4
154 88.1 69.7 104.5

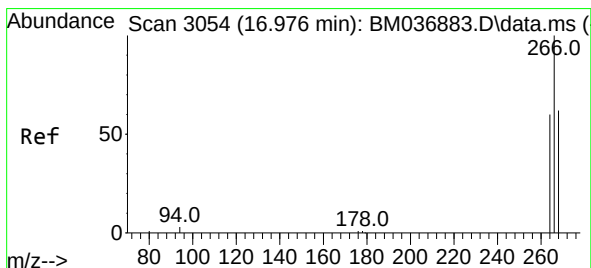
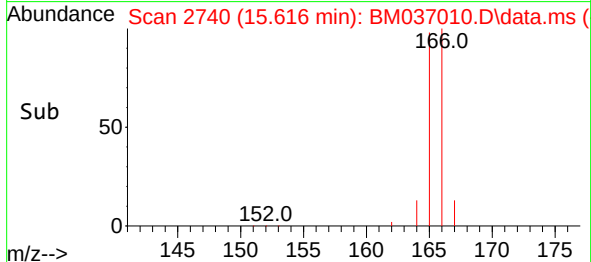
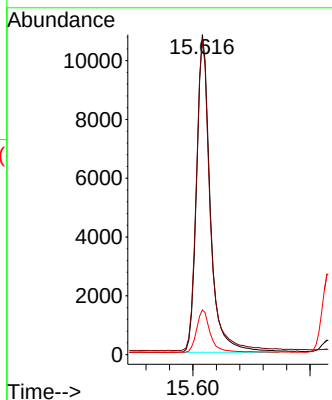
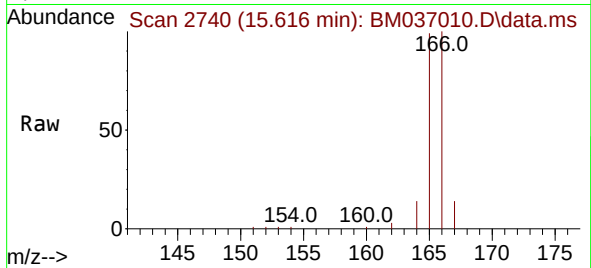




#12
 Fluorene
 Concen: 0.292 ng/ul
 RT: 15.616 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BM037010.D
 Acq: 13 Oct 2022 10:48

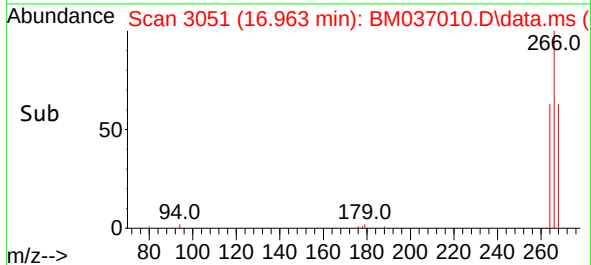
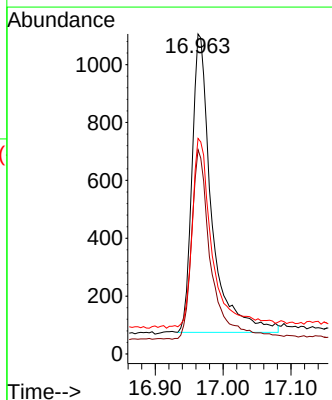
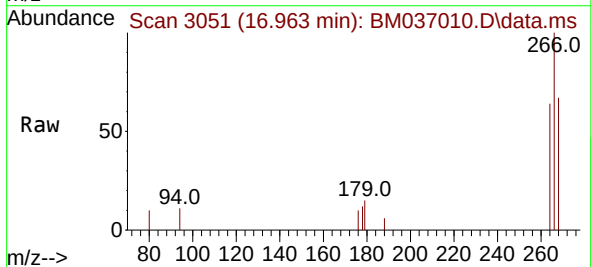
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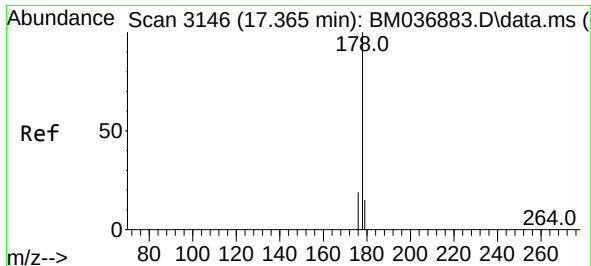
Tgt Ion:166 Resp: 17600
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.9 118.3
 167 14.0 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.311 ng/ul
 RT: 16.963 min Scan# 3051
 Delta R.T. -0.004 min
 Lab File: BM037010.D
 Acq: 13 Oct 2022 10:48

Tgt Ion:266 Resp: 2075
 Ion Ratio Lower Upper
 266 100
 264 63.2 50.3 75.5
 268 66.4 53.5 80.3

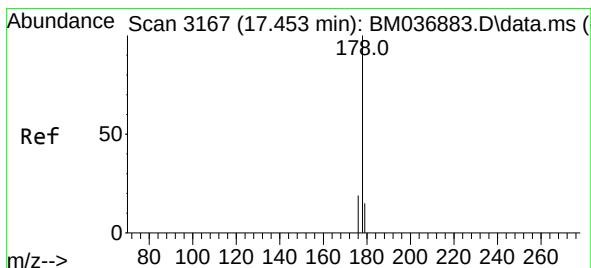
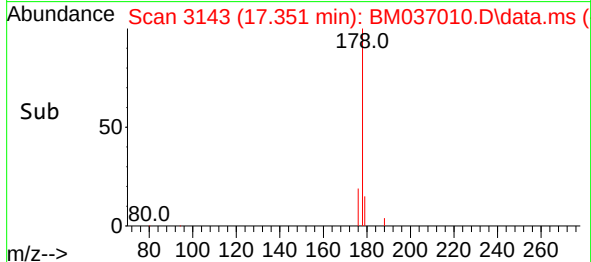
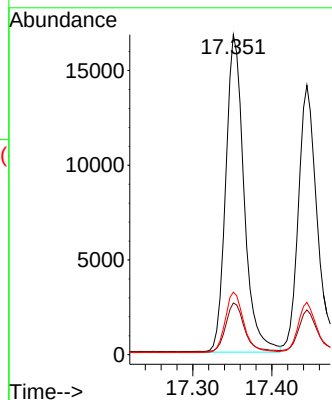
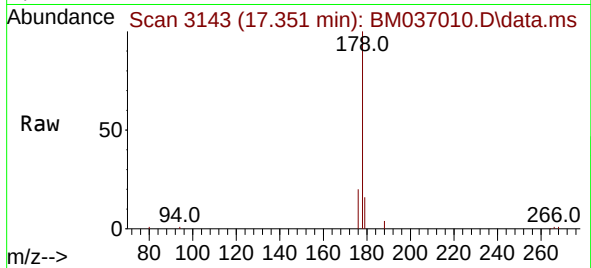




#15
Phenanthrene
Concen: 0.306 ng/ul
RT: 17.351 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BM037010.D
Acq: 13 Oct 2022 10:48

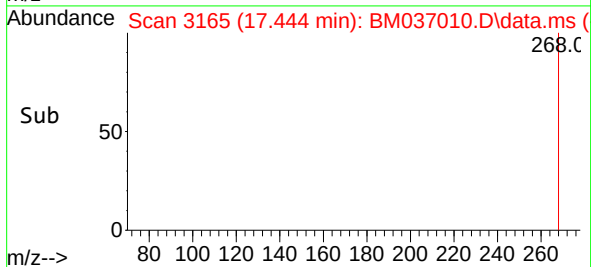
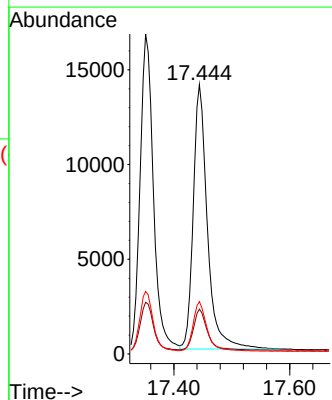
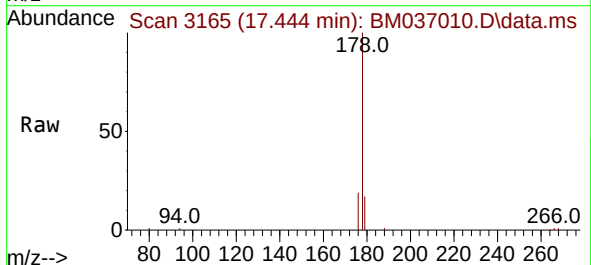
Instrument :
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SLCS250

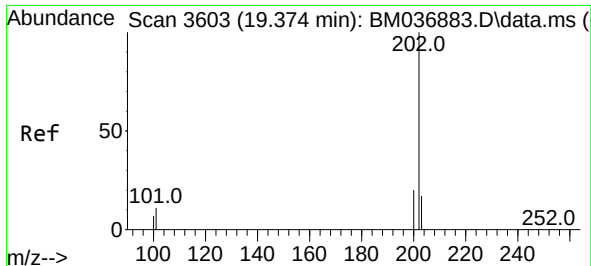
Tgt Ion:178 Resp: 26934
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.6
176 19.5 15.6 23.4



#16
Anthracene
Concen: 0.321 ng/ul
RT: 17.444 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BM037010.D
Acq: 13 Oct 2022 10:48

Tgt Ion:178 Resp: 23650
Ion Ratio Lower Upper
178 100
179 16.6 13.6 20.4
176 19.4 15.6 23.4

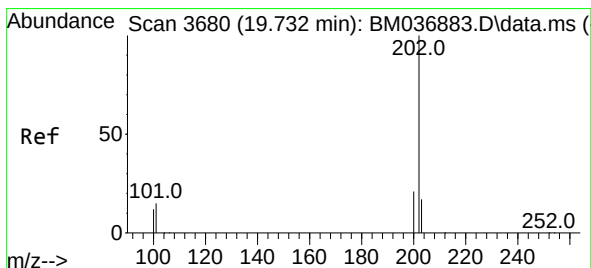
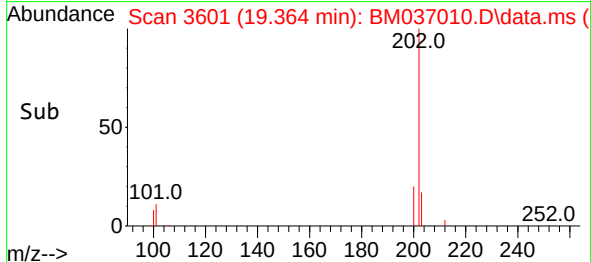
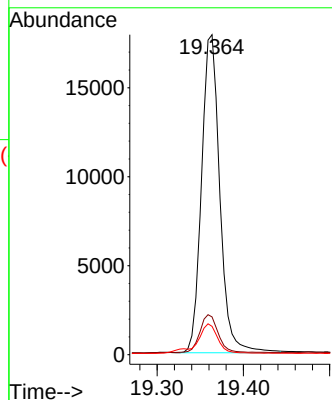
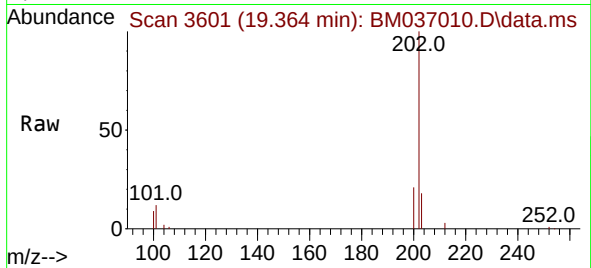




#19
Fluoranthene
Concen: 0.418 ng/ul
RT: 19.364 min Scan# 3601
Delta R.T. 0.000 min
Lab File: BM037010.D
Acq: 13 Oct 2022 10:48

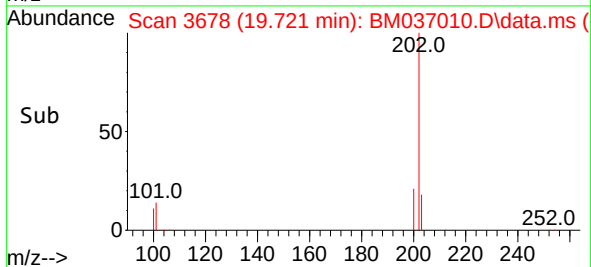
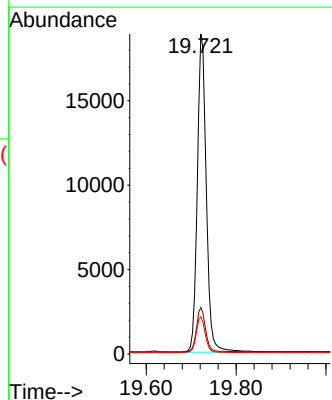
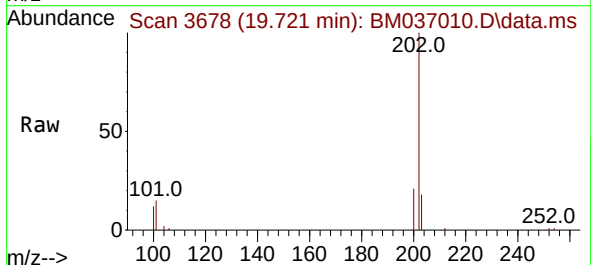
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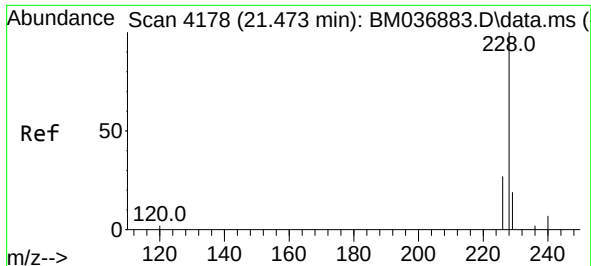
Tgt Ion:202 Resp: 26305
Ion Ratio Lower Upper
202 100
101 11.8 10.1 15.1
100 8.8 7.9 11.9



#20
Pyrene
Concen: 0.401 ng/ul
RT: 19.721 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM037010.D
Acq: 13 Oct 2022 10:48

Tgt Ion:202 Resp: 26344
Ion Ratio Lower Upper
202 100
101 14.5 12.0 18.0
100 11.6 9.8 14.6

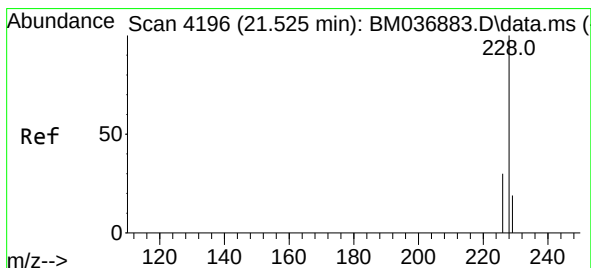
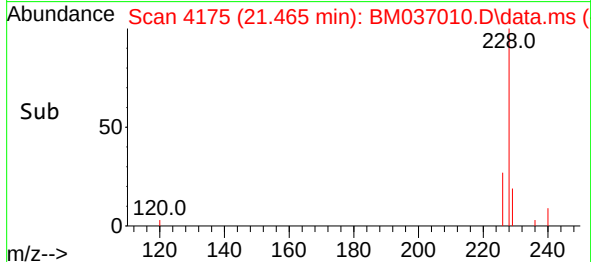
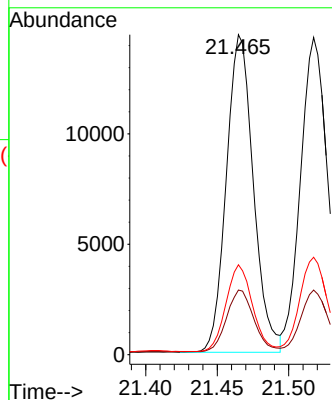
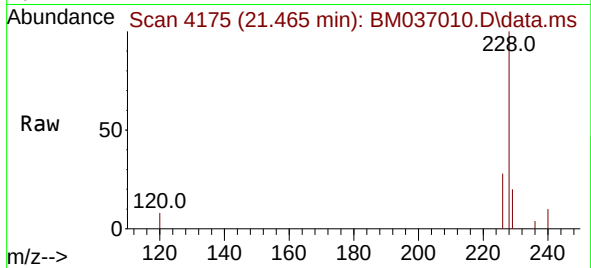




#21
Benzo(a)anthracene
Concen: 0.331 ng/ul
RT: 21.465 min Scan# 4175
Delta R.T. -0.003 min
Lab File: BM037010.D
Acq: 13 Oct 2022 10:48

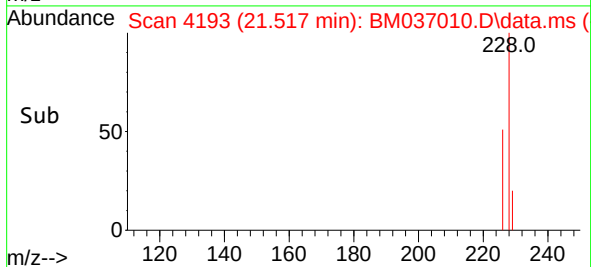
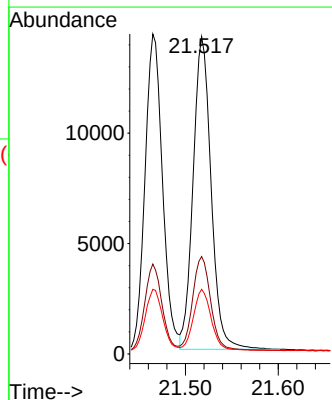
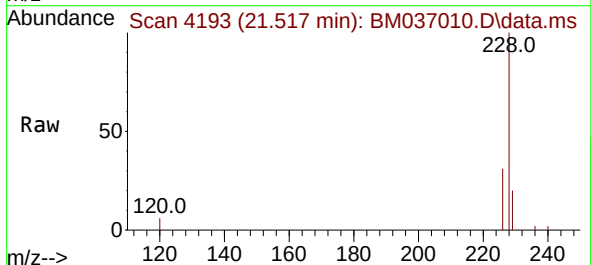
Instrument :
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SLCS250

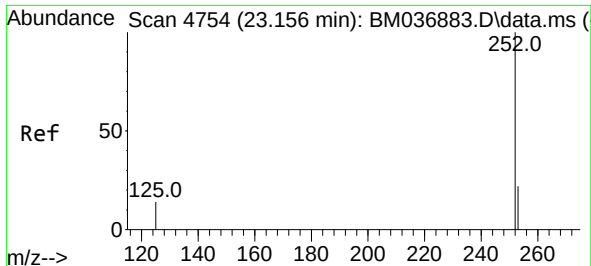
Tgt Ion:228 Resp: 18923
Ion Ratio Lower Upper
228 100
229 20.2 16.2 24.2
226 28.1 22.5 33.7



#22
Chrysene
Concen: 0.311 ng/ul
RT: 21.517 min Scan# 4193
Delta R.T. -0.003 min
Lab File: BM037010.D
Acq: 13 Oct 2022 10:48

Tgt Ion:228 Resp: 19072
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 20.4 16.4 24.6

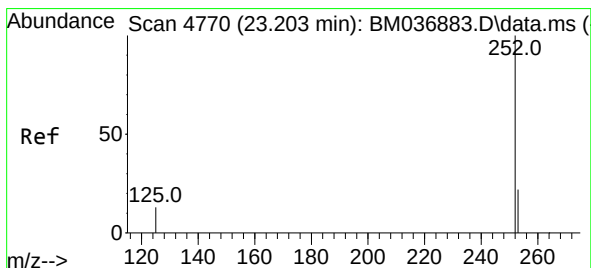
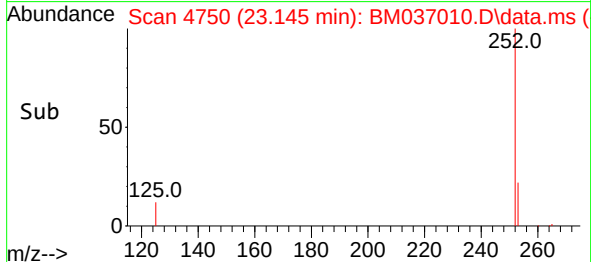
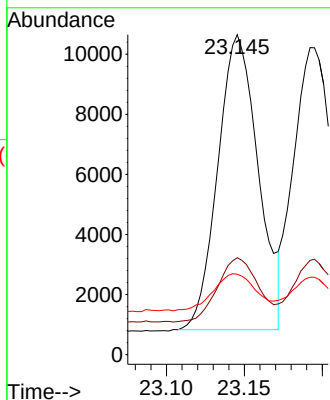
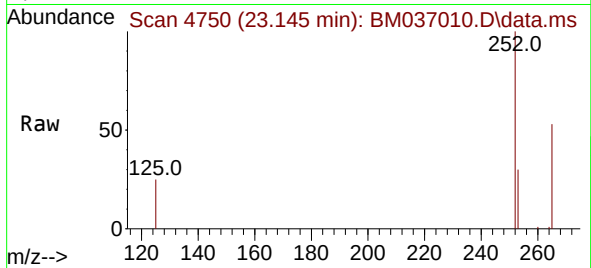




#24
Benzo(b)fluoranthene
Concen: 0.302 ng/ul
RT: 23.145 min Scan# 4754
Delta R.T. 0.000 min
Lab File: BM037010.D
Acq: 13 Oct 2022 10:48

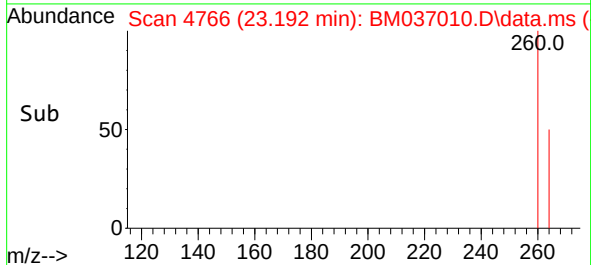
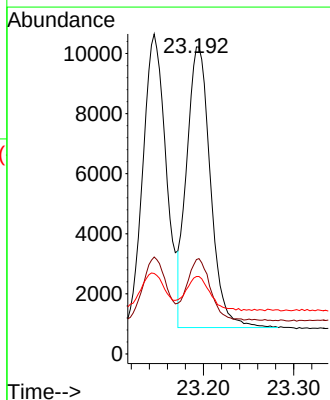
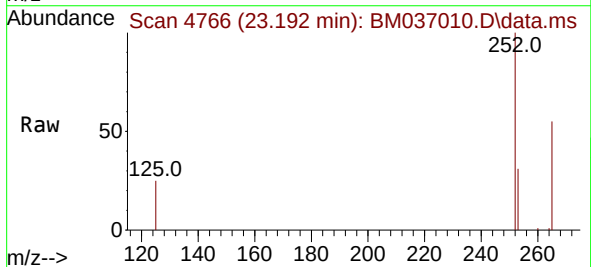
Instrument :
BNA_M
ClientSampleId :
SLCS250

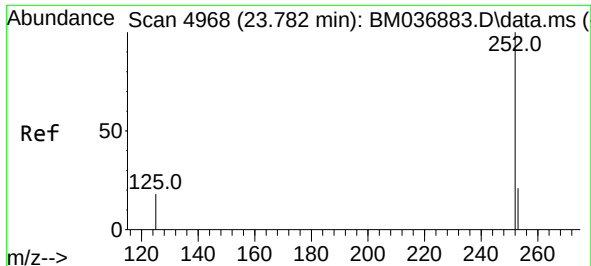
Tgt Ion:252 Resp: 17770
Ion Ratio Lower Upper
252 100
253 30.3 0.0 61.4
125 25.2 0.0 42.6



#25
Benzo(k)fluoranthene
Concen: 0.299 ng/ul
RT: 23.192 min Scan# 4766
Delta R.T. -0.003 min
Lab File: BM037010.D
Acq: 13 Oct 2022 10:48

Tgt Ion:252 Resp: 17122
Ion Ratio Lower Upper
252 100
253 30.7 25.2 37.8
125 25.2 18.3 27.5

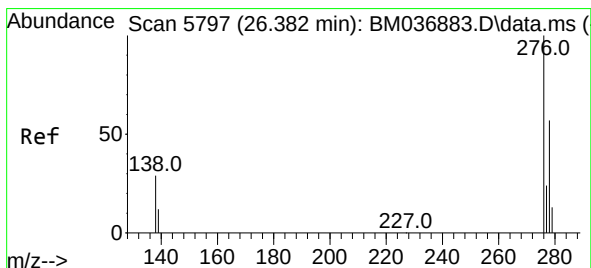
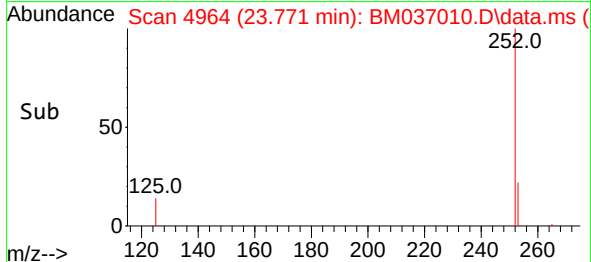
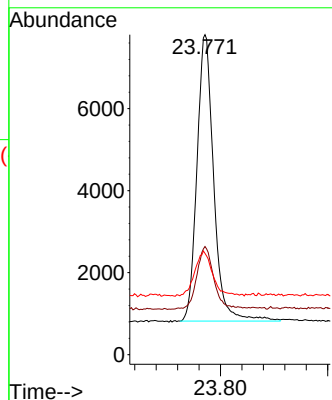
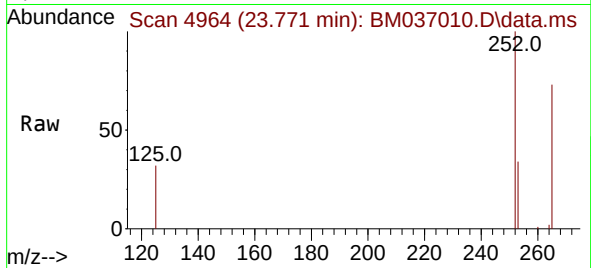




#26
Benzo(a)pyrene
Concen: 0.317 ng/ul
RT: 23.771 min Scan# 4964
Delta R.T. 0.000 min
Lab File: BM037010.D
Acq: 13 Oct 2022 10:48

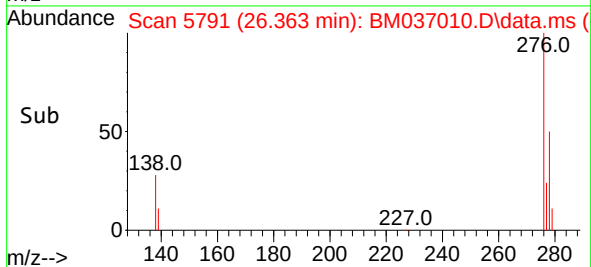
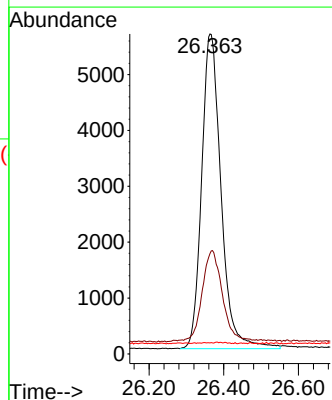
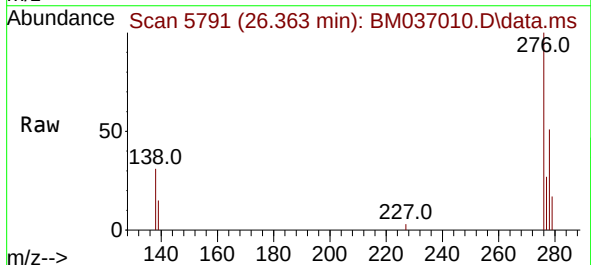
Instrument :
BNA_M
ClientSampleId :
SLCS250

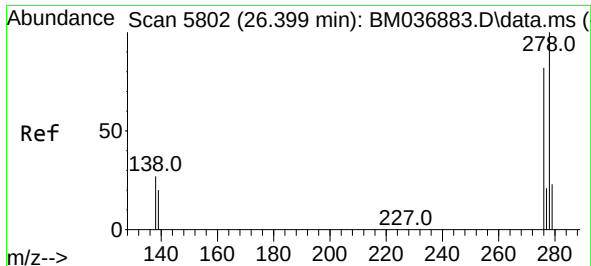
Tgt Ion:	252	Resp:	15118
Ion Ratio	Lower	Upper	
252	100		
253	33.8	29.7	44.5
125	31.7	23.6	35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.301 ng/ul
RT: 26.363 min Scan# 5791
Delta R.T. 0.000 min
Lab File: BM037010.D
Acq: 13 Oct 2022 10:48

Tgt Ion:	276	Resp:	20299
Ion Ratio	Lower	Upper	
276	100		
138	29.2	23.9	35.9
227	0.0	0.1	0.1

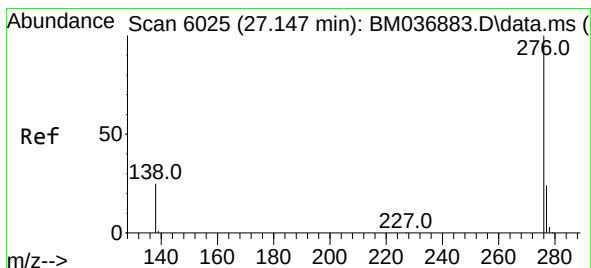
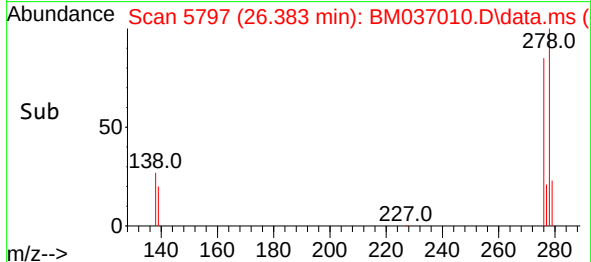
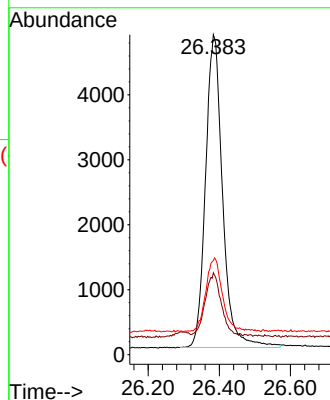
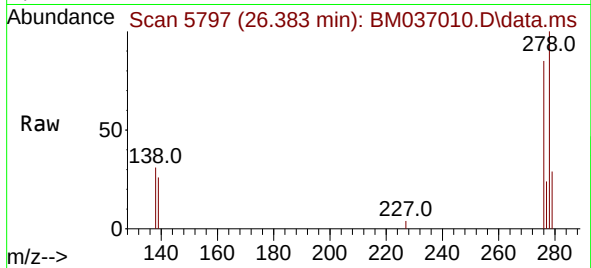




#28
 Dibenzo(a,h)anthracene
 Concen: 0.294 ng/ul
 RT: 26.383 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: BM037010.D
 Acq: 13 Oct 2022 10:48

Instrument :
 BNA_M
 ClientSampleId :
 SLCS250

Tgt Ion:278 Resp: 16023
 Ion Ratio Lower Upper
 278 100
 139 25.6 19.8 29.6
 279 29.4 27.7 41.5



#29
 Benzo(g,h,i)perylene
 Concen: 0.291 ng/ul
 RT: 27.128 min Scan# 6019
 Delta R.T. 0.000 min
 Lab File: BM037010.D
 Acq: 13 Oct 2022 10:48

Tgt Ion:276 Resp: 17337
 Ion Ratio Lower Upper
 276 100
 138 30.0 23.4 35.0
 277 26.4 21.0 31.4

