

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100722\
 Data File : BM036852.D
 Acq On : 07 Oct 2022 11:31
 Operator : CG/JU
 Sample : PB148043BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS043

Quant Time: Oct 08 02:21:37 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 : Thu Oct 06 17:02:30 2022
 Response via : Initial Calibration

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

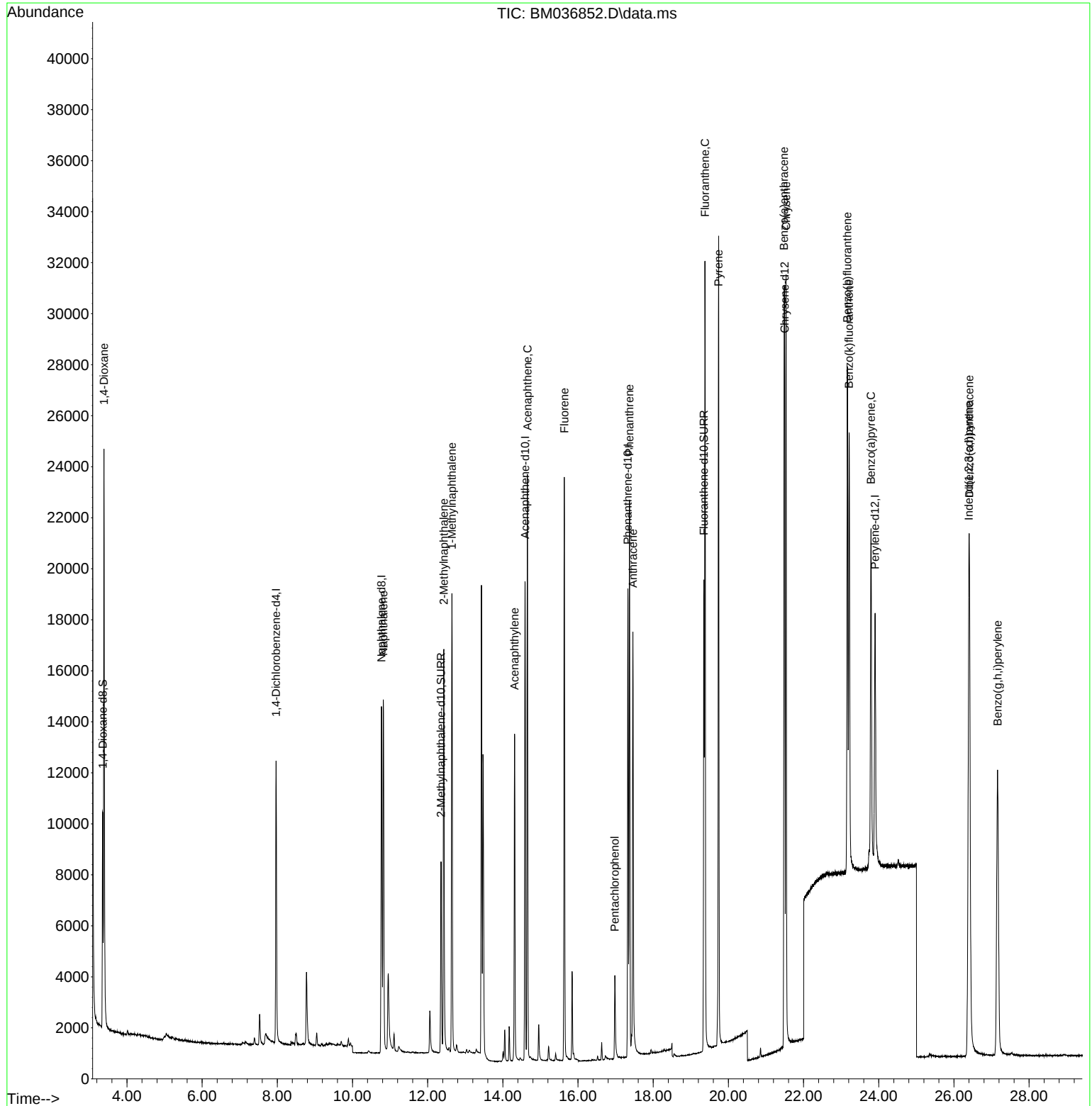
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.968	152	6030	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	19502	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.593	164	10327	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	21339	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	18005	0.400	ng/ul	0.00
23) Perylene-d12	23.902	264	14953	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	5629	0.662	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	10389	0.353	ng/ul	0.00
18) Fluoranthene-d10	19.349	212	20234	0.376	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.390	88	15229	1.832	ng/ul#	77
5) Naphthalene	10.820	128	19354	0.347	ng/ul	97
7) 2-Methylnaphthalene	12.431	142	12020	0.352	ng/ul	92
8) 1-Methylnaphthalene	12.646	142	12313	0.355	ng/ul	100
10) Acenaphthylene	14.311	152	14808	0.345	ng/ul	99
11) Acenaphthene	14.653	153	12809	0.344	ng/ul	99
12) Fluorene	15.634	166	14356	0.340	ng/ul	99
14) Pentachlorophenol	16.980	266	2608	0.505	ng/ul	97
15) Phenanthrene	17.368	178	23622	0.347	ng/ul	99
16) Anthracene	17.461	178	19128	0.336	ng/ul	99
19) Fluoranthene	19.377	202	25976	0.363	ng/ul	100
20) Pyrene	19.740	202	26229	0.351	ng/ul	99
21) Benzo(a)anthracene	21.482	228	22480	0.346	ng/ul	98
22) Chrysene	21.535	228	26007	0.372	ng/ul	98
24) Benzo(b)fluoranthene	23.166	252	24967	0.374	ng/ul	94
25) Benzo(k)fluoranthene	23.212	252	23928	0.368	ng/ul	94
26) Benzo(a)pyrene	23.794	252	22036	0.407	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.396	276	27954	0.364	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.410	278	23220	0.374	ng/ul#	90
29) Benzo(g,h,i)perylene	27.161	276	25763	0.381	ng/ul	98

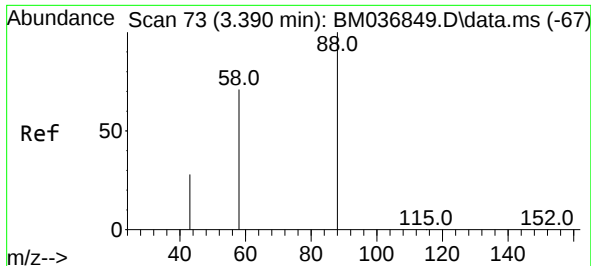
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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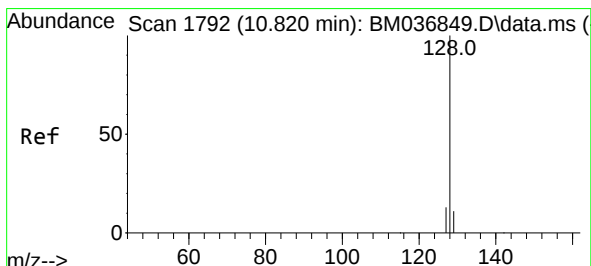
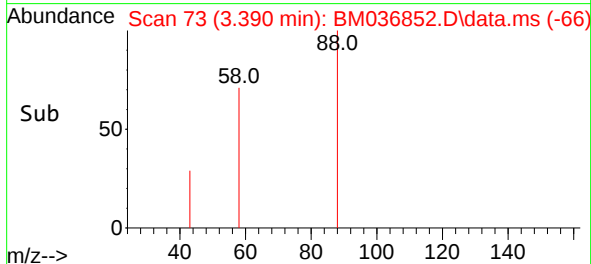
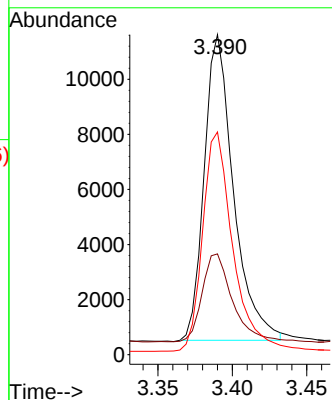
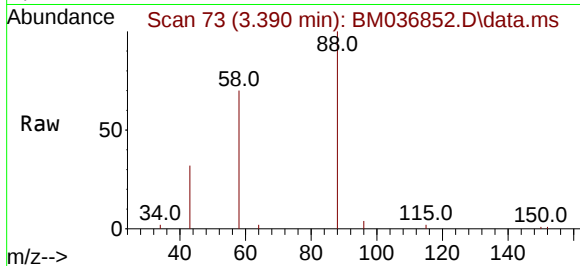




#2
1,4-Dioxane
Concen: 1.832 ng/ul
RT: 3.390 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM036852.D
Acq: 07 Oct 2022 11:31

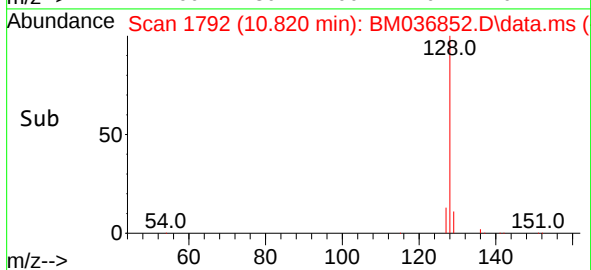
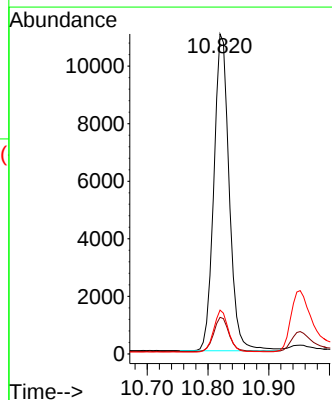
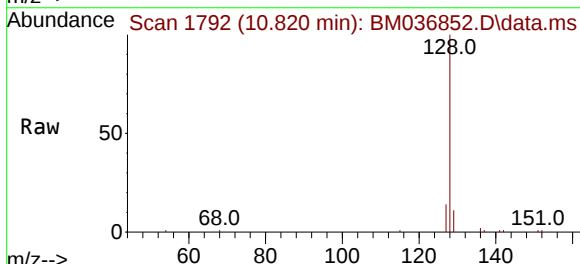
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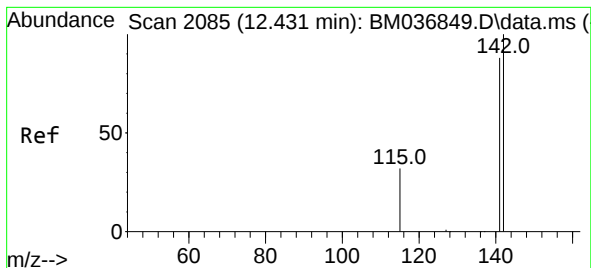
Tgt Ion: 88 Resp: 15229
Ion Ratio Lower Upper
88 100
43 31.5 37.8 56.6#
58 69.6 42.6 63.8#



#5
Naphthalene
Concen: 0.347 ng/ul
RT: 10.820 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BM036852.D
Acq: 07 Oct 2022 11:31

Tgt Ion: 128 Resp: 19354
Ion Ratio Lower Upper
128 100
129 11.5 10.2 15.2
127 13.7 11.7 17.5

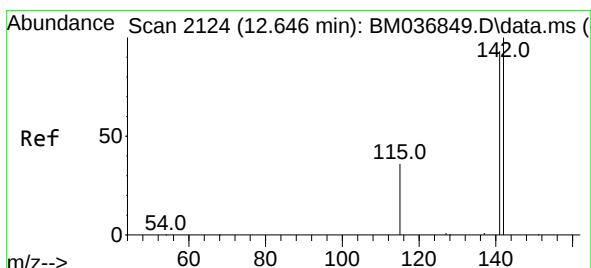
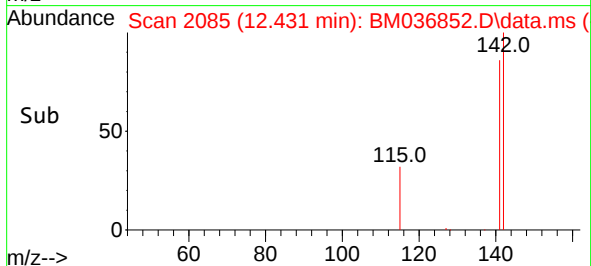
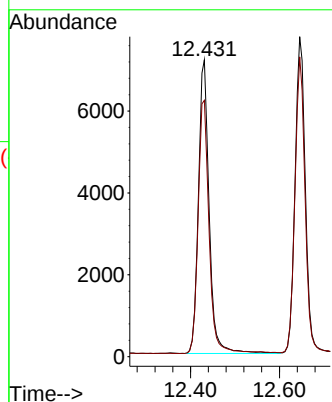
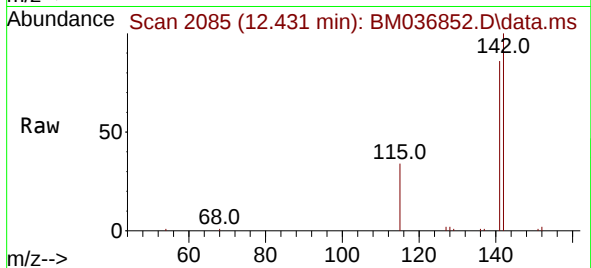




#7
2-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.431 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BM036852.D
Acq: 07 Oct 2022 11:31

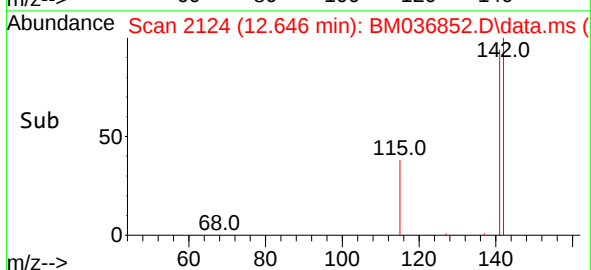
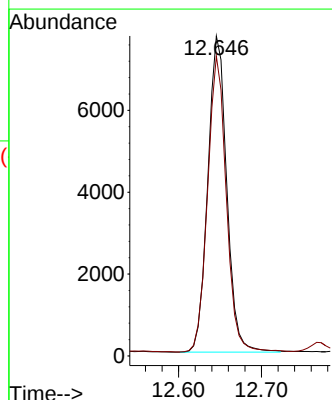
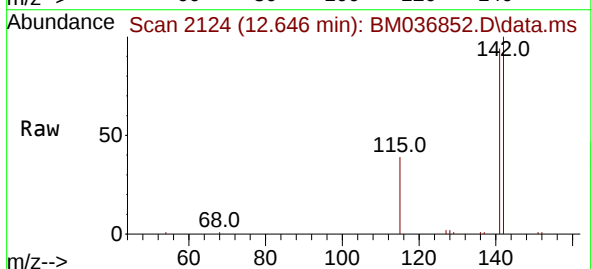
Instrument :
BNA_M
ClientSampleId :
SLCS043

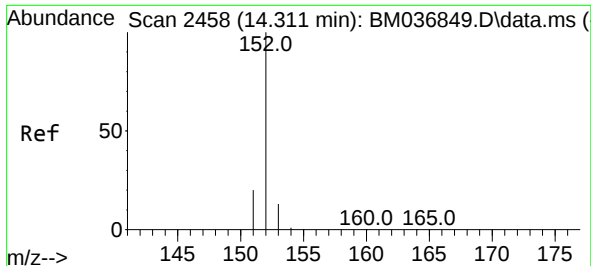
Tgt Ion:142 Resp: 12020
Ion Ratio Lower Upper
142 100
141 88.6 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.646 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BM036852.D
Acq: 07 Oct 2022 11:31

Tgt Ion:142 Resp: 12313
Ion Ratio Lower Upper
142 100
141 92.3 74.1 111.1

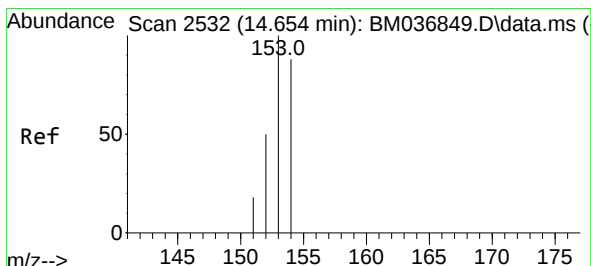
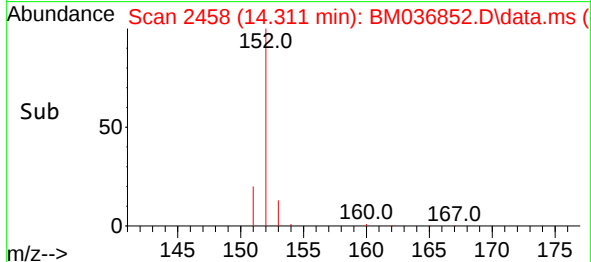
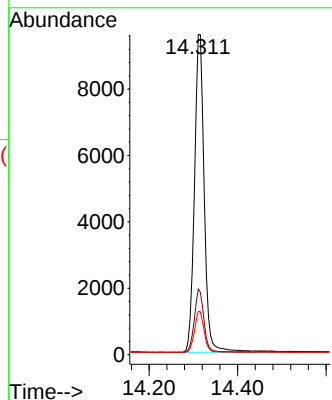
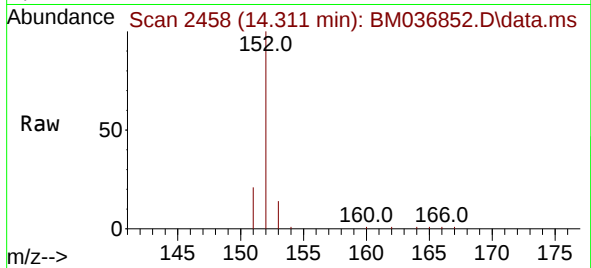




#10
Acenaphthylene
Concen: 0.345 ng/ul
RT: 14.311 min Scan# 2458
Delta R.T. -0.006 min
Lab File: BM036852.D
Acq: 07 Oct 2022 11:31

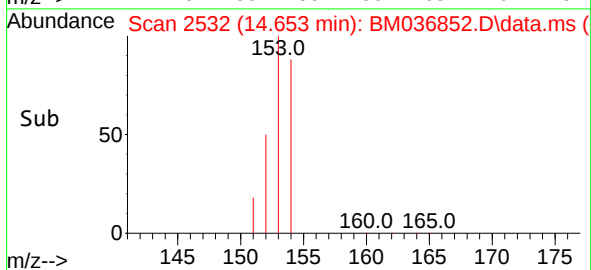
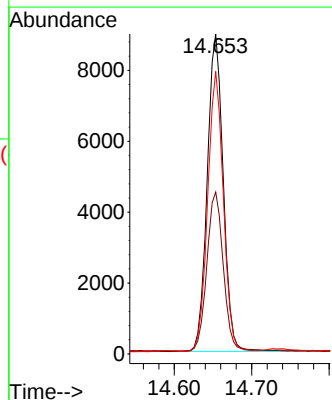
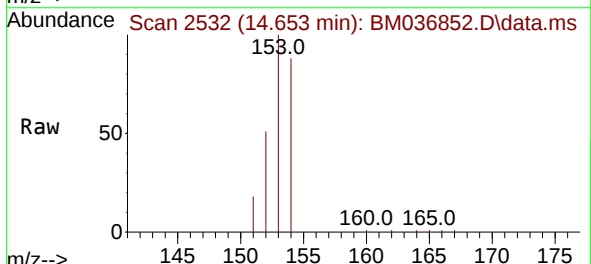
Instrument :
BNA_M
ClientSampleId :
SLCS043

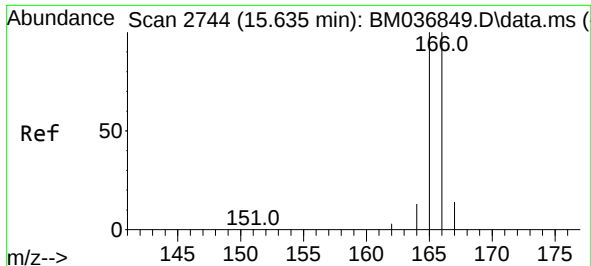
Tgt Ion:152 Resp: 14808
Ion Ratio Lower Upper
152 100
151 20.5 16.6 24.8
153 13.5 11.4 17.0



#11
Acenaphthene
Concen: 0.344 ng/ul
RT: 14.653 min Scan# 2532
Delta R.T. -0.001 min
Lab File: BM036852.D
Acq: 07 Oct 2022 11:31

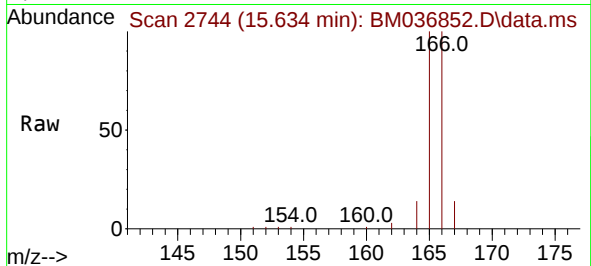
Tgt Ion:153 Resp: 12809
Ion Ratio Lower Upper
153 100
152 50.6 40.2 60.4
154 88.3 69.7 104.5



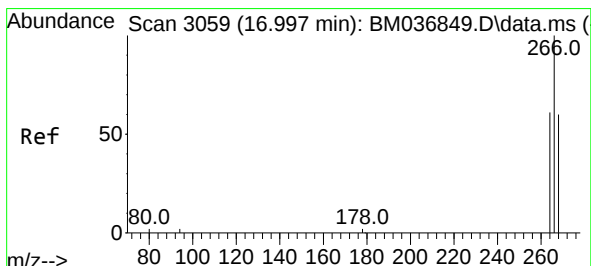
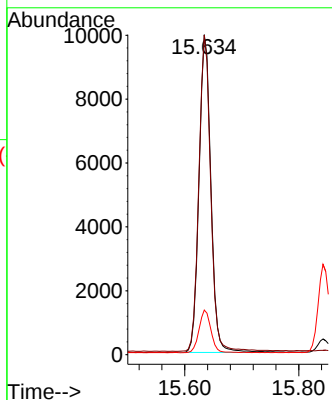
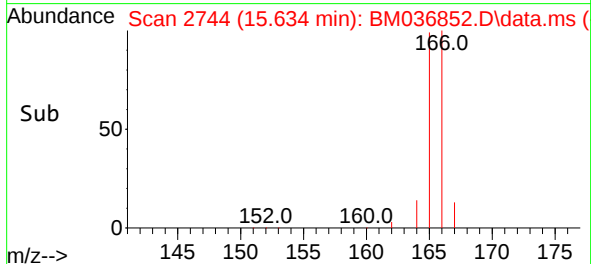


#12
Fluorene
Concen: 0.340 ng/ul
RT: 15.634 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM036852.D
Acq: 07 Oct 2022 11:31

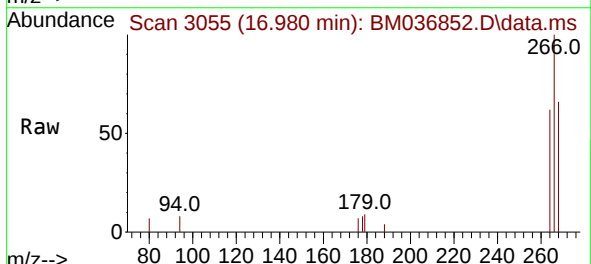
Instrument :
BNA_M
ClientSampleId :
SLCS043



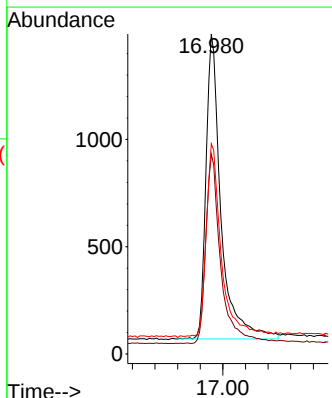
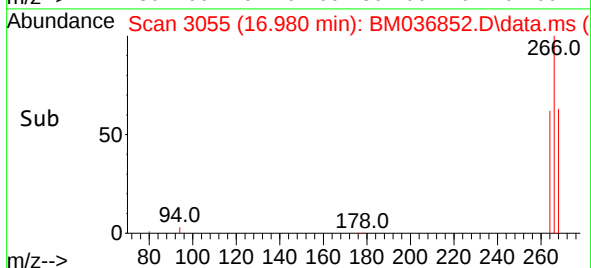
Tgt Ion:	166	Resp:	14356
Ion Ratio	Lower	Upper	
166	100		
165	99.8	78.9	118.3
167	14.0	11.3	16.9

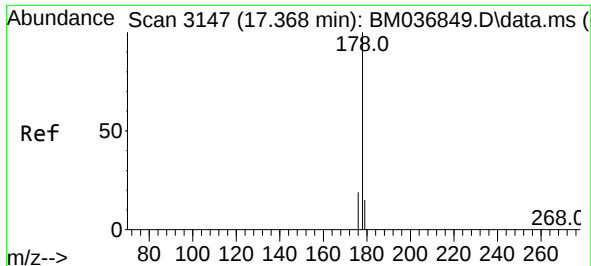


#14
Pentachlorophenol
Concen: 0.505 ng/ul
RT: 16.980 min Scan# 3055
Delta R.T. -0.010 min
Lab File: BM036852.D
Acq: 07 Oct 2022 11:31



Tgt Ion:	266	Resp:	2608
Ion Ratio	Lower	Upper	
266	100		
264	61.8	50.3	75.5
268	63.5	53.5	80.3

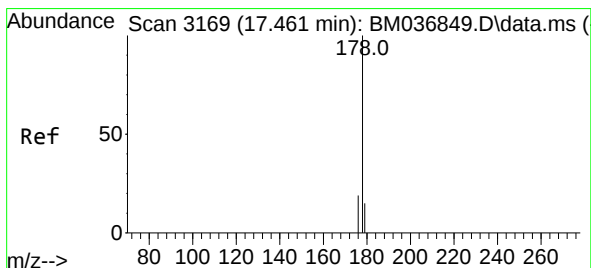
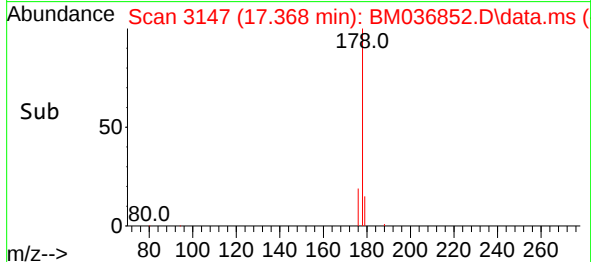
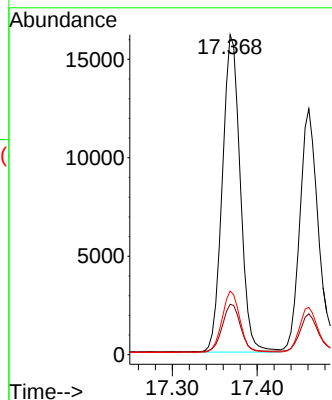
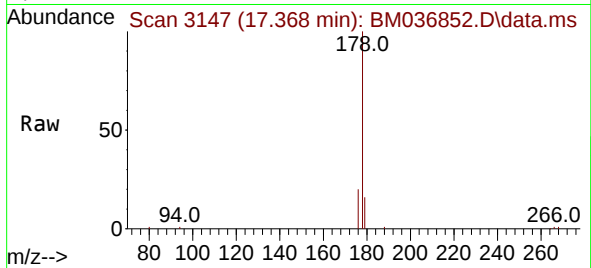




#15
Phenanthrene
Concen: 0.347 ng/ul
RT: 17.368 min Scan# 3147
Delta R.T. -0.001 min
Lab File: BM036852.D
Acq: 07 Oct 2022 11:31

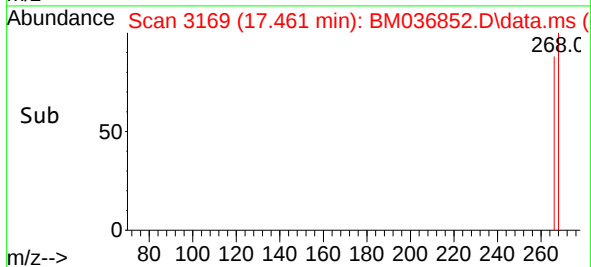
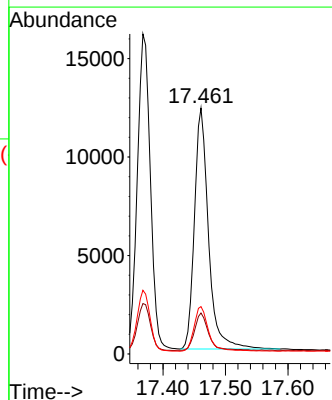
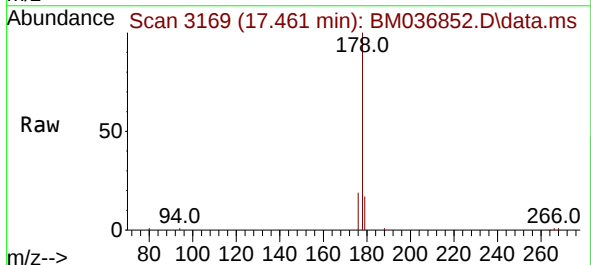
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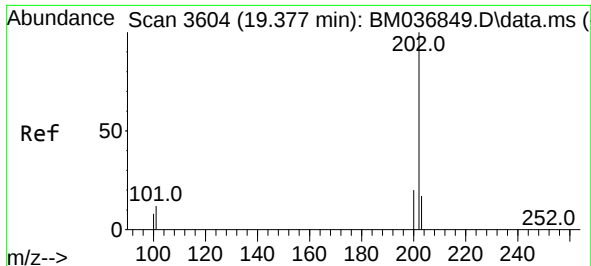
Tgt Ion:178 Resp: 23622
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 19.9 15.6 23.4



#16
Anthracene
Concen: 0.336 ng/ul
RT: 17.461 min Scan# 3169
Delta R.T. -0.001 min
Lab File: BM036852.D
Acq: 07 Oct 2022 11:31

Tgt Ion:178 Resp: 19128
Ion Ratio Lower Upper
178 100
179 16.7 13.6 20.4
176 19.3 15.6 23.4

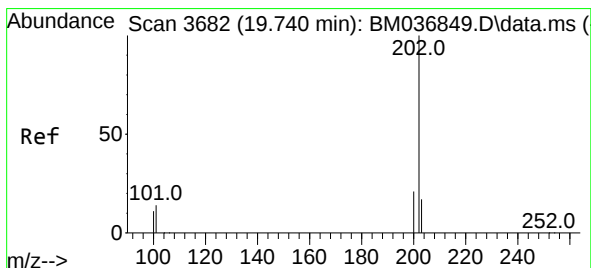
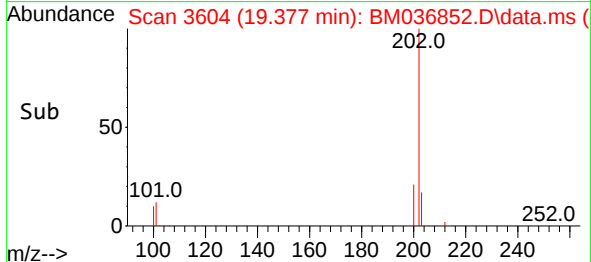
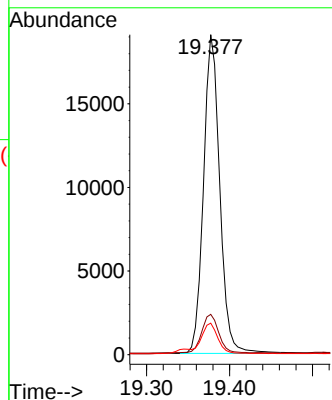
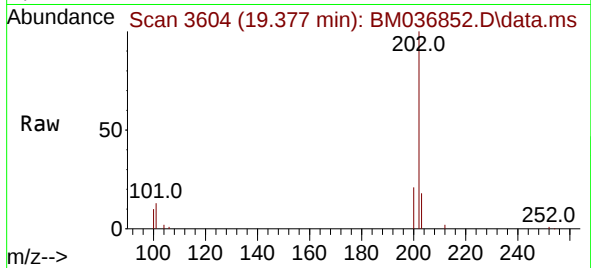




#19
Fluoranthene
Concen: 0.363 ng/ul
RT: 19.377 min Scan# 3604
Delta R.T. -0.001 min
Lab File: BM036852.D
Acq: 07 Oct 2022 11:31

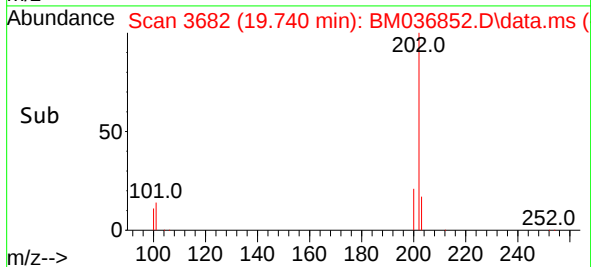
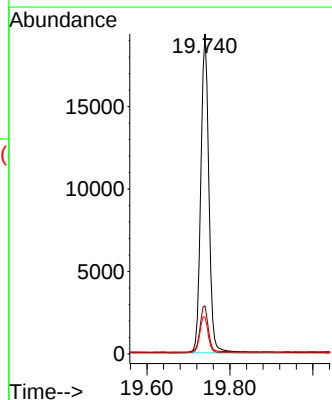
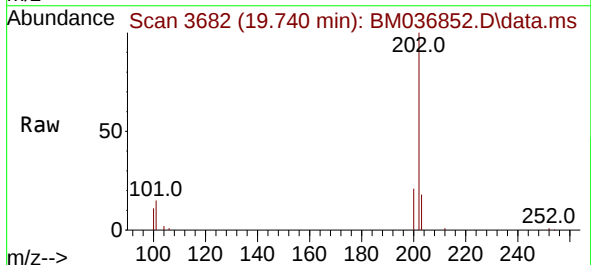
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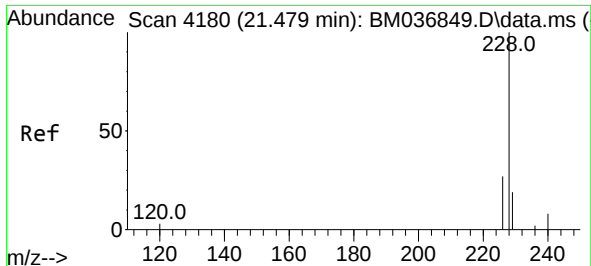
Tgt Ion:202 Resp: 25976
Ion Ratio Lower Upper
202 100
101 12.6 10.1 15.1
100 9.9 7.9 11.9



#20
Pyrene
Concen: 0.351 ng/ul
RT: 19.740 min Scan# 3682
Delta R.T. -0.001 min
Lab File: BM036852.D
Acq: 07 Oct 2022 11:31

Tgt Ion:202 Resp: 26229
Ion Ratio Lower Upper
202 100
101 15.0 12.0 18.0
100 11.5 9.8 14.6

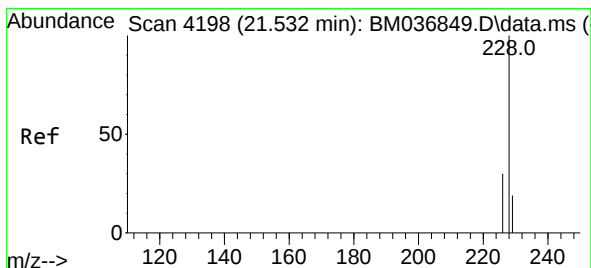
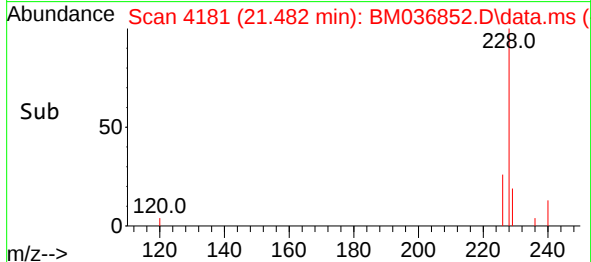
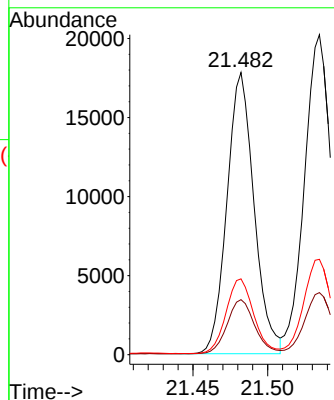
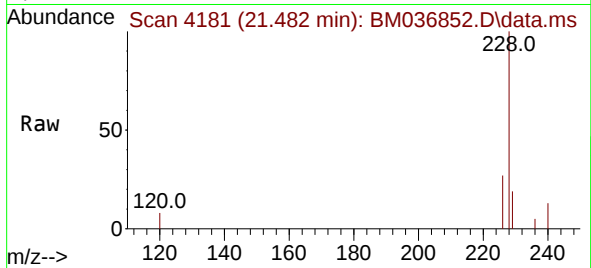




#21
Benzo(a)anthracene
Concen: 0.346 ng/ul
RT: 21.482 min Scan# 4181
Delta R.T. 0.001 min
Lab File: BM036852.D
Acq: 07 Oct 2022 11:31

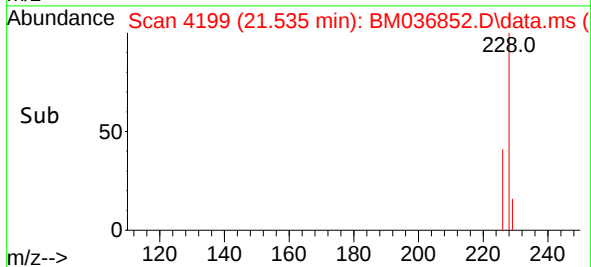
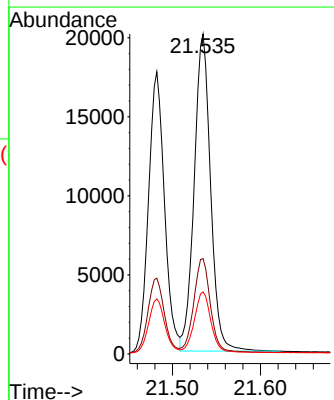
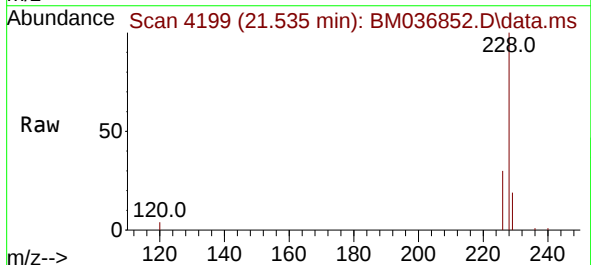
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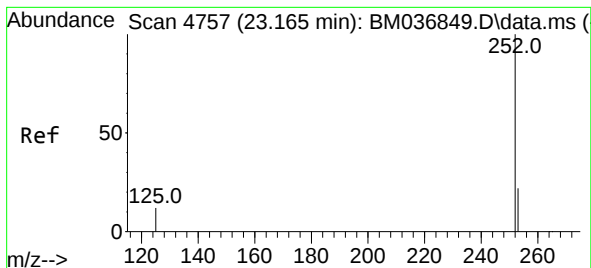
Tgt Ion:228 Resp: 22480
Ion Ratio Lower Upper
228 100
229 19.5 16.2 24.2
226 26.9 22.5 33.7



#22
Chrysene
Concen: 0.372 ng/ul
RT: 21.535 min Scan# 4199
Delta R.T. 0.001 min
Lab File: BM036852.D
Acq: 07 Oct 2022 11:31

Tgt Ion:228 Resp: 26007
Ion Ratio Lower Upper
228 100
226 29.8 24.6 37.0
229 19.4 16.4 24.6





#24

Benzo(b)fluoranthene

Concen: 0.374 ng/ul

RT: 23.166 min Scan# 4757

Delta R.T. -0.002 min

Lab File: BM036852.D

Acq: 07 Oct 2022 11:31

Instrument :

BNA_M

ClientSampleId :

SLCS043

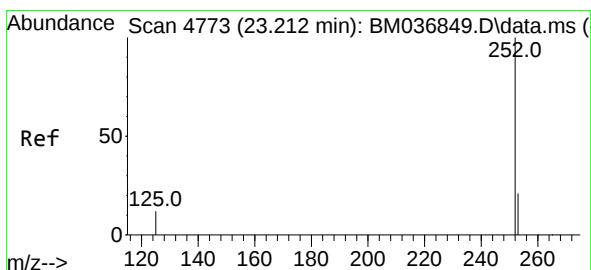
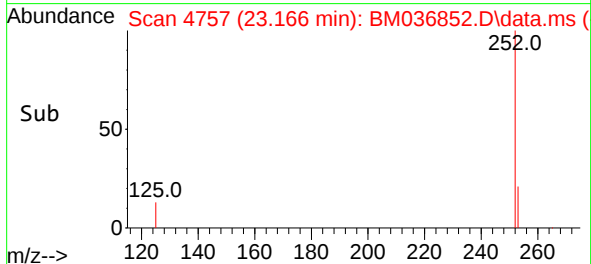
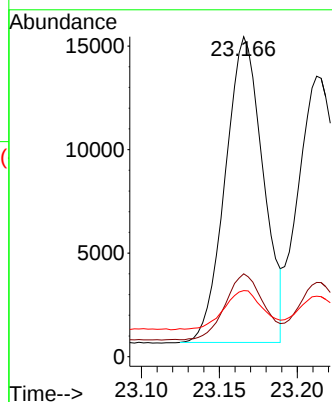
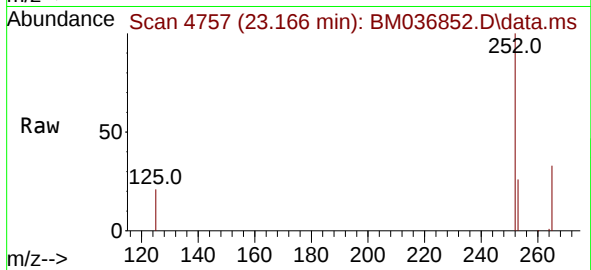
Tgt Ion:252 Resp: 24967

Ion Ratio Lower Upper

252 100

253 25.9 0.0 61.4

125 20.6 0.0 42.6



#25

Benzo(k)fluoranthene

Concen: 0.368 ng/ul

RT: 23.212 min Scan# 4773

Delta R.T. -0.005 min

Lab File: BM036852.D

Acq: 07 Oct 2022 11:31

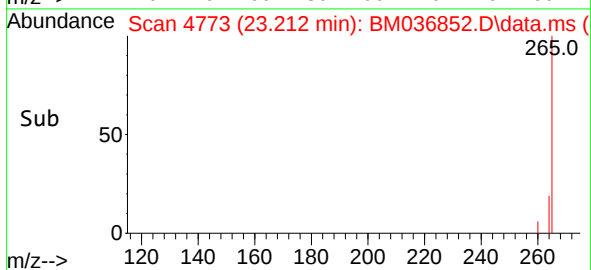
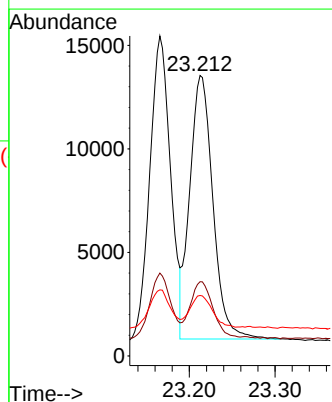
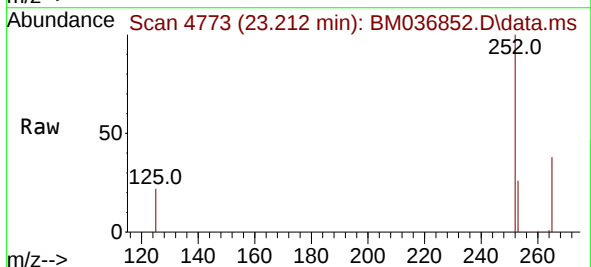
Tgt Ion:252 Resp: 23928

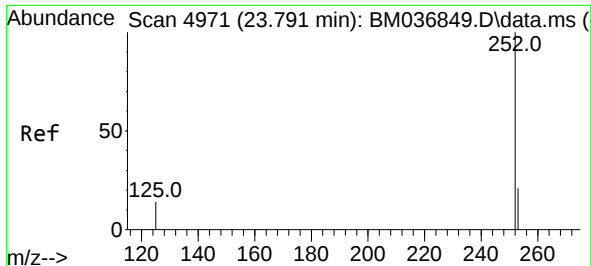
Ion Ratio Lower Upper

252 100

253 26.4 25.2 37.8

125 21.6 18.3 27.5

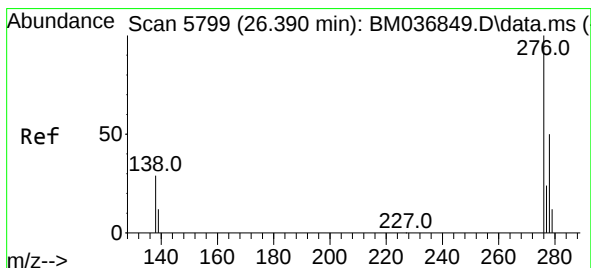
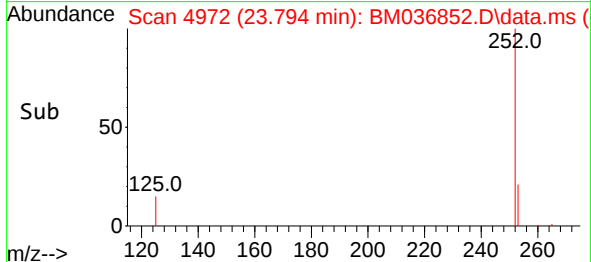
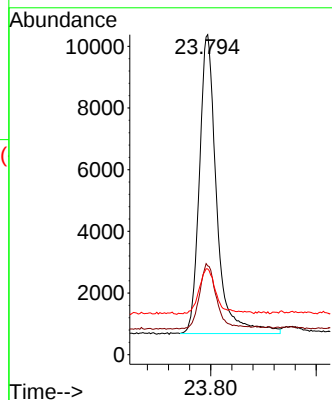
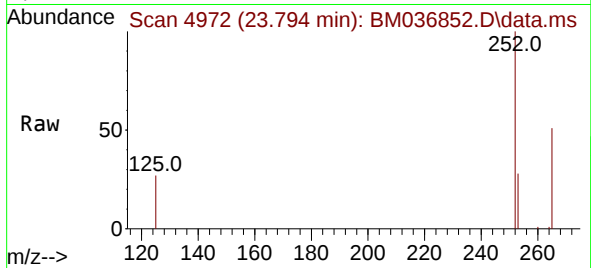




#26
Benzo(a)pyrene
Concen: 0.407 ng/ul
RT: 23.794 min Scan# 4971
Delta R.T. 0.001 min
Lab File: BM036852.D
Acq: 07 Oct 2022 11:31

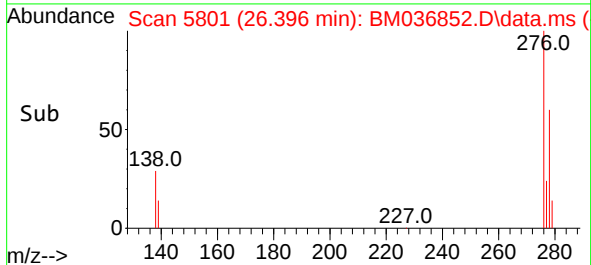
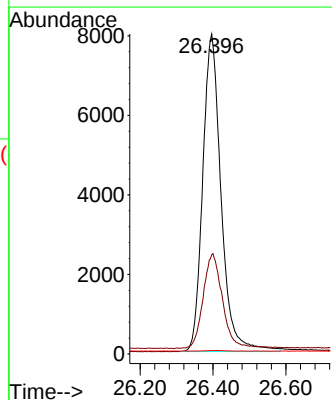
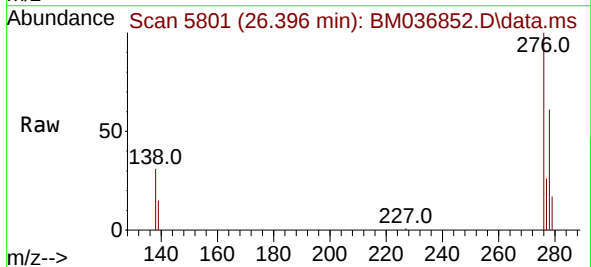
Instrument :
BNA_M
ClientSampleId :
SLCS043

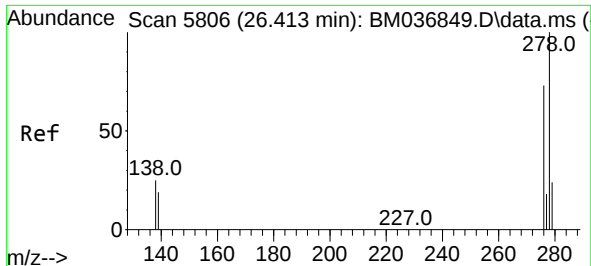
Tgt Ion:252 Resp: 22036
Ion Ratio Lower Upper
252 100
253 27.8 29.7 44.5#
125 26.8 23.6 35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.364 ng/ul
RT: 26.396 min Scan# 5801
Delta R.T. -0.003 min
Lab File: BM036852.D
Acq: 07 Oct 2022 11:31

Tgt Ion:276 Resp: 27954
Ion Ratio Lower Upper
276 100
138 31.5 23.9 35.9
227 0.3 0.1 0.1#

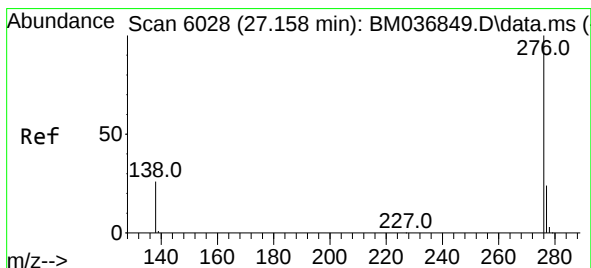
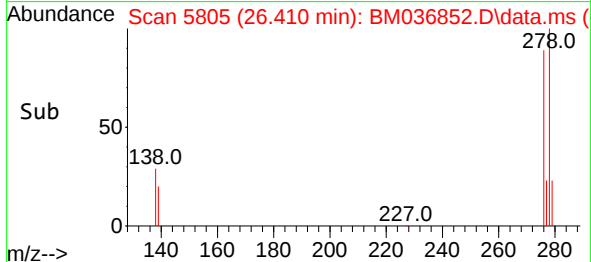
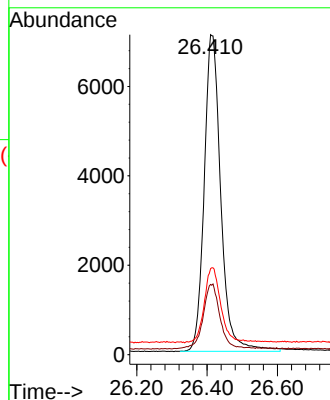
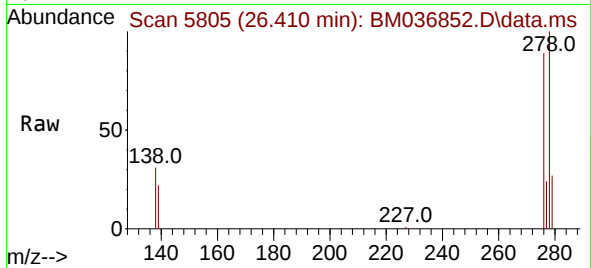




#28
 Dibenzo(a,h)anthracene
 Concen: 0.374 ng/ul
 RT: 26.410 min Scan# 5806
 Delta R.T. -0.009 min
 Lab File: BM036852.D
 Acq: 07 Oct 2022 11:31

Instrument :
 BNA_M
 ClientSampleId :
 SLCS043

Tgt Ion:278 Resp: 23220
 Ion Ratio Lower Upper
 278 100
 139 21.9 19.8 29.6
 279 26.9 27.7 41.5#



#29
 Benzo(g,h,i)perylene
 Concen: 0.381 ng/ul
 RT: 27.161 min Scan# 6029
 Delta R.T. -0.003 min
 Lab File: BM036852.D
 Acq: 07 Oct 2022 11:31

Tgt Ion:276 Resp: 25763
 Ion Ratio Lower Upper
 276 100
 138 28.4 23.4 35.0
 277 24.8 21.0 31.4

