

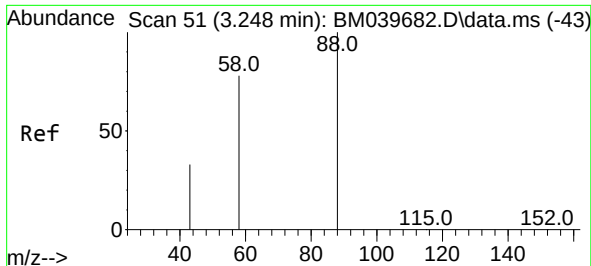
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042623\
 Data File : BM039695.D
 Acq On : 27 Apr 2023 01:08
 Operator : CG/JU
 Sample : PB152399BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS399

Quant Time: Apr 27 01:45:31 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 01:14:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	2245	0.400	ng/ul	0.02
4) Naphthalene-d8	10.639	136	12088	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.478	164	6923	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.250	188	11076	0.400	ng/ul	0.00
17) Chrysene-d12	21.434	240	8909	0.400	ng/ul	# 0.00
23) Perylene-d12	23.802	264	7213	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	3466	0.834	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.250	152	5488	0.393	ng/ul	0.01
18) Fluoranthene-d10	19.276	212	10422	0.375	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.243	88	9164	2.059	ng/ul#	77
5) Naphthalene	10.694	128	11153	0.388	ng/ul	98
7) 2-Methylnaphthalene	12.327	142	6217	0.385	ng/ul	95
8) 1-Methylnaphthalene	12.520	142	6798	0.372	ng/ul	99
10) Acenaphthylene	14.210	152	10811	0.403	ng/ul	99
11) Acenaphthene	14.543	153	8507	0.402	ng/ul	98
12) Fluorene	15.552	166	8771	0.416	ng/ul	99
14) Pentachlorophenol	16.946	266	1270	0.481	ng/ul#	83
15) Phenanthrene	17.293	178	12253	0.399	ng/ul	99
16) Anthracene	17.394	178	9251	0.396	ng/ul	100
19) Fluoranthene	19.304	202	14267	0.387	ng/ul	99
20) Pyrene	19.666	202	16087	0.380	ng/ul	99
21) Benzo(a)anthracene	21.426	228	8493	0.413	ng/ul	100
22) Chrysene	21.472	228	11911	0.473	ng/ul	99
24) Benzo(b)fluoranthene	23.080	252	10438	0.456	ng/ul	94
25) Benzo(k)fluoranthene	23.129	252	9991	0.458	ng/ul	95
26) Benzo(a)pyrene	23.705	252	9501	0.412	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.275	276	12634	0.435	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.295	278	9643	0.474	ng/ul	96
29) Benzo(g,h,i)perylene	27.012	276	11561	0.415	ng/ul	98

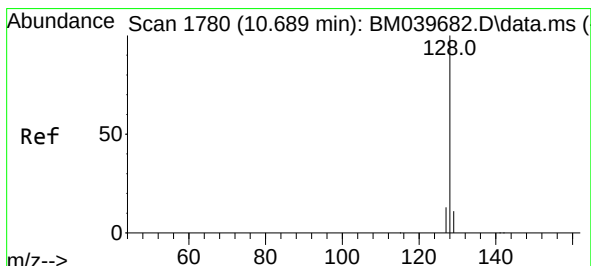
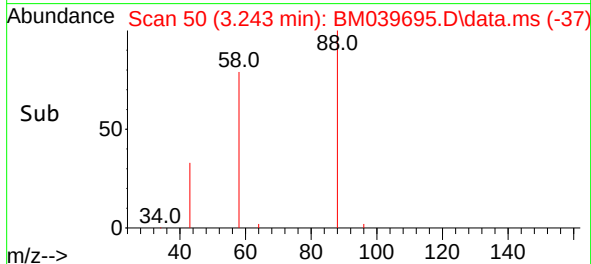
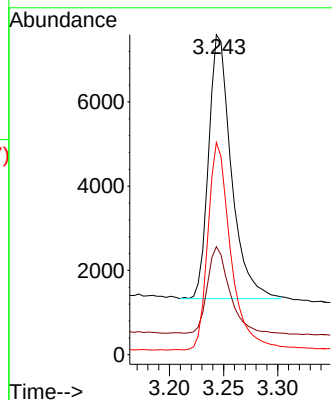
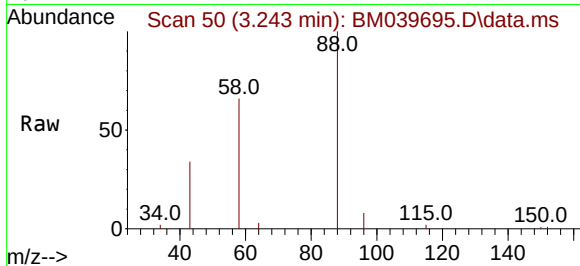
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 2.059 ng/ul
RT: 3.243 min Scan# 50
Delta R.T. -0.004 min
Lab File: BM039695.D
Acq: 27 Apr 2023 01:08

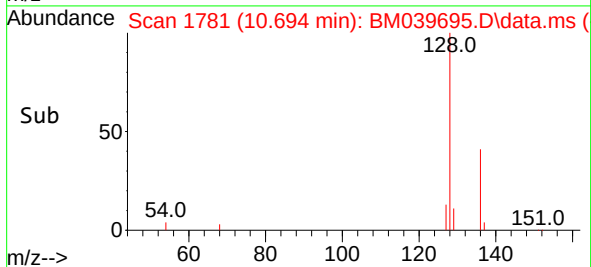
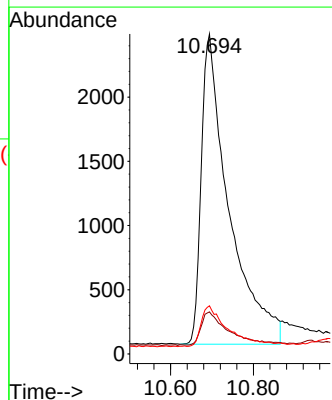
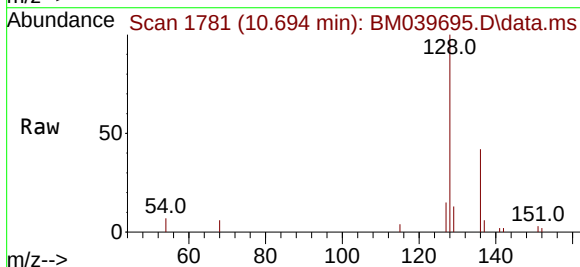
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ClientSampleId :
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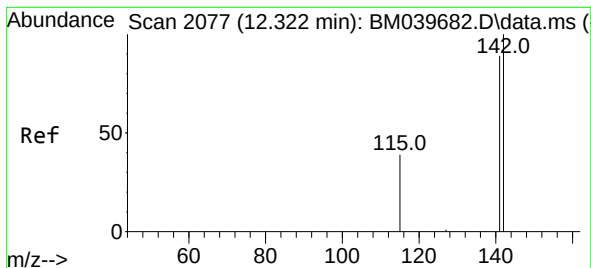
Tgt Ion: 88 Resp: 9164
Ion Ratio Lower Upper
88 100
43 33.7 30.6 45.8
58 66.3 34.1 51.1#



#5
Naphthalene
Concen: 0.388 ng/ul
RT: 10.694 min Scan# 1781
Delta R.T. 0.011 min
Lab File: BM039695.D
Acq: 27 Apr 2023 01:08

Tgt Ion: 128 Resp: 11153
Ion Ratio Lower Upper
128 100
129 13.2 10.1 15.1
127 15.0 11.0 16.4

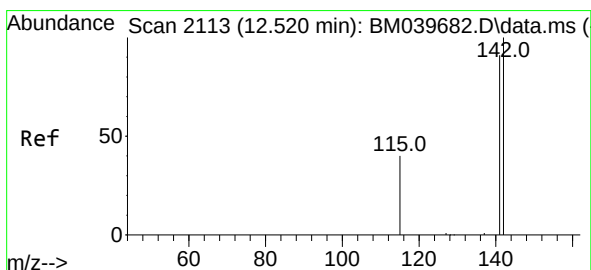
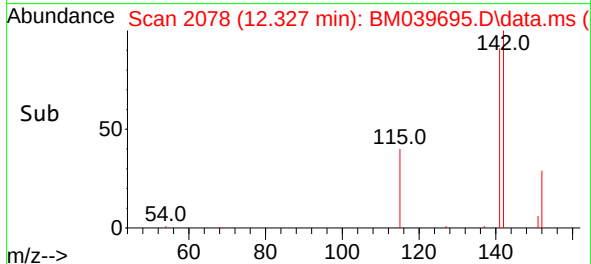
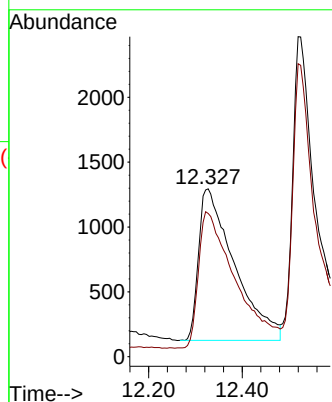
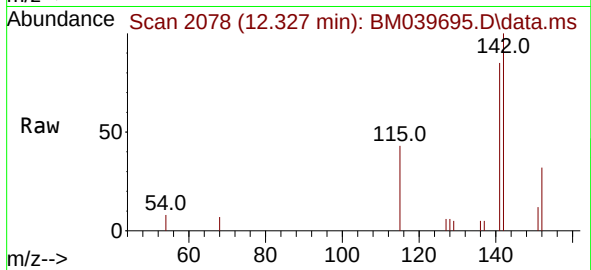




#7
2-Methylnaphthalene
Concen: 0.385 ng/ul
RT: 12.327 min Scan# 2077
Delta R.T. 0.016 min
Lab File: BM039695.D
Acq: 27 Apr 2023 01:08

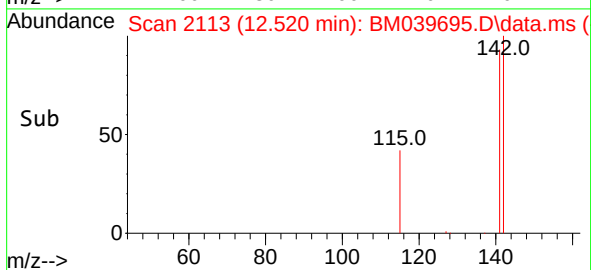
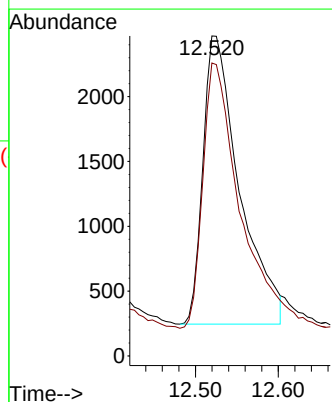
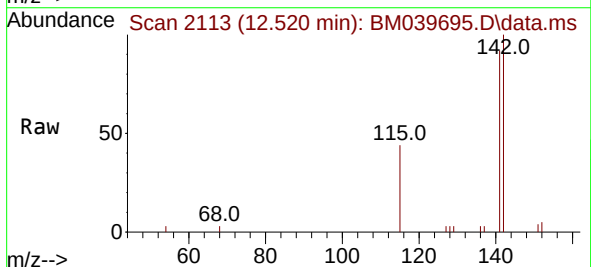
Instrument :
BNA_M
ClientSampleId :
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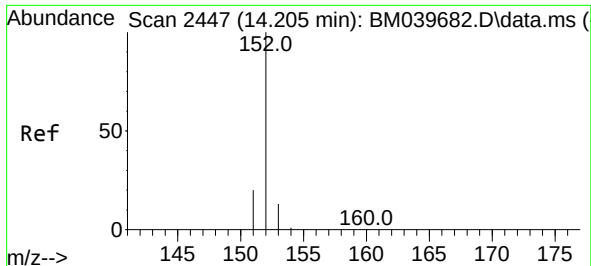
Tgt Ion:142 Resp: 6217
Ion Ratio Lower Upper
142 100
141 94.1 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.372 ng/ul
RT: 12.520 min Scan# 2113
Delta R.T. -0.000 min
Lab File: BM039695.D
Acq: 27 Apr 2023 01:08

Tgt Ion:142 Resp: 6798
Ion Ratio Lower Upper
142 100
141 91.7 72.6 109.0

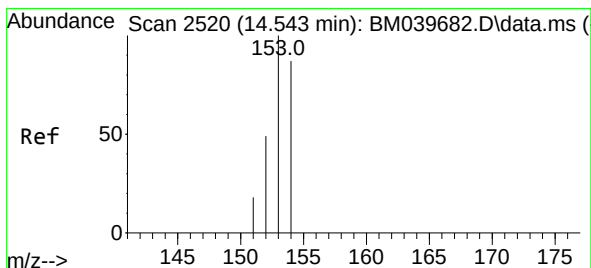
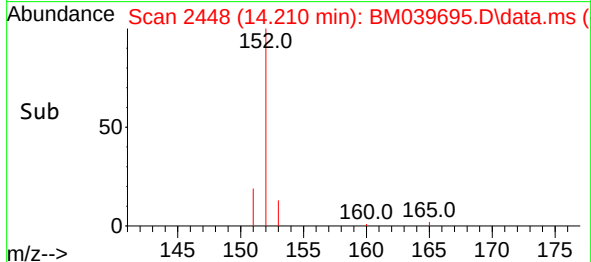
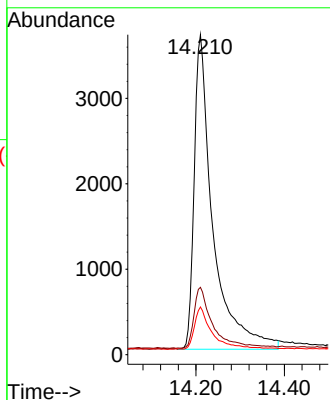
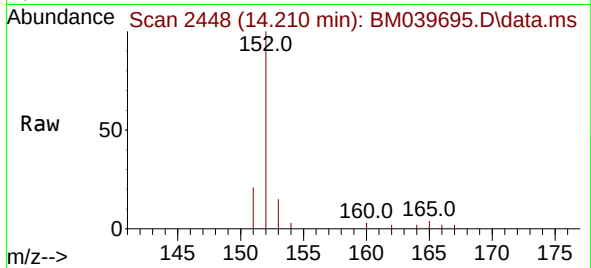




#10
Acenaphthylene
Concen: 0.403 ng/ul
RT: 14.210 min Scan# 2448
Delta R.T. 0.005 min
Lab File: BM039695.D
Acq: 27 Apr 2023 01:08

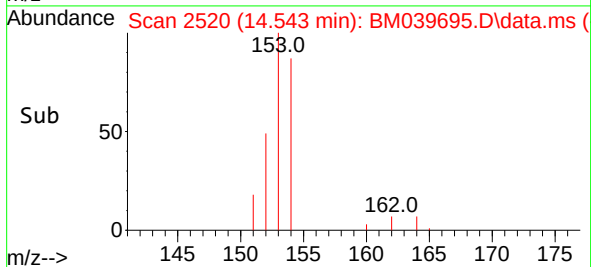
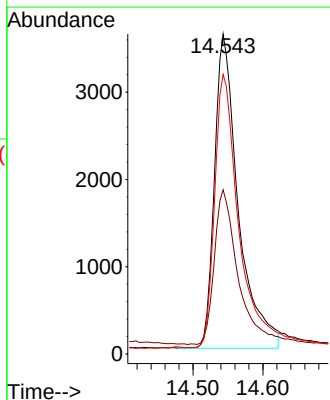
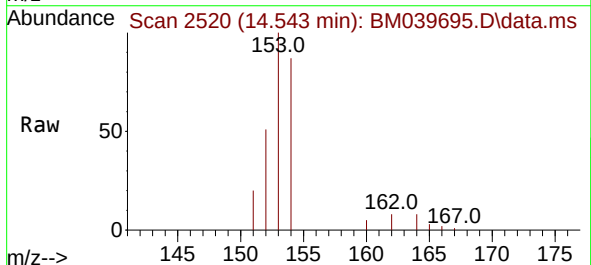
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BNA_M
ClientSampleId :
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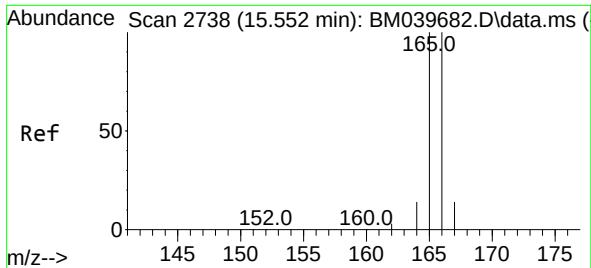
Tgt Ion:152 Resp: 10811
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.4
153 14.9 11.6 17.4



#11
Acenaphthene
Concen: 0.402 ng/ul
RT: 14.543 min Scan# 2520
Delta R.T. 0.005 min
Lab File: BM039695.D
Acq: 27 Apr 2023 01:08

Tgt Ion:153 Resp: 8507
Ion Ratio Lower Upper
153 100
152 51.3 40.3 60.5
154 87.4 71.5 107.3

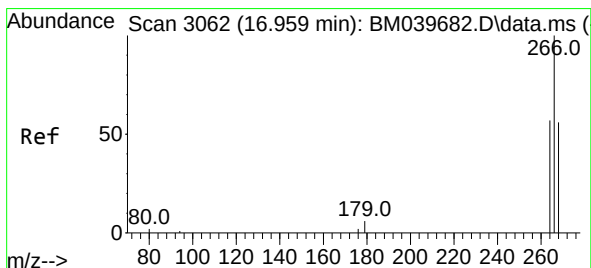
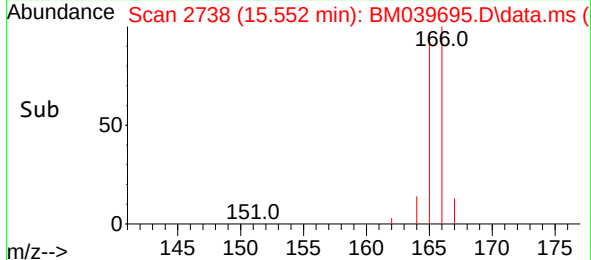
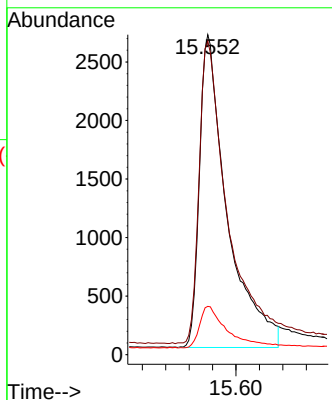
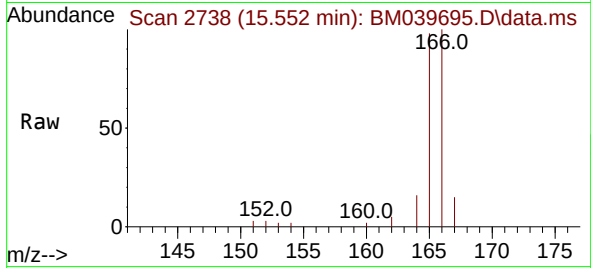




#12
Fluorene
Concen: 0.416 ng/ul
RT: 15.552 min Scan# 21
Delta R.T. 0.009 min
Lab File: BM039695.D
Acq: 27 Apr 2023 01:08

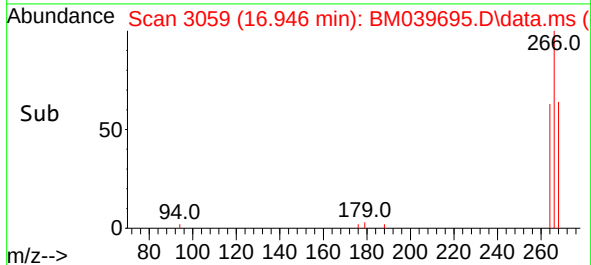
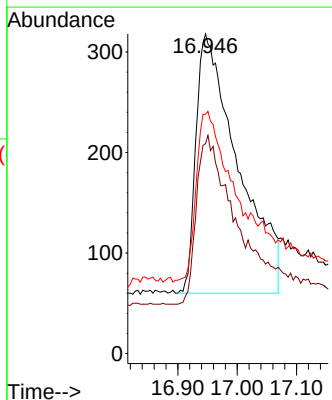
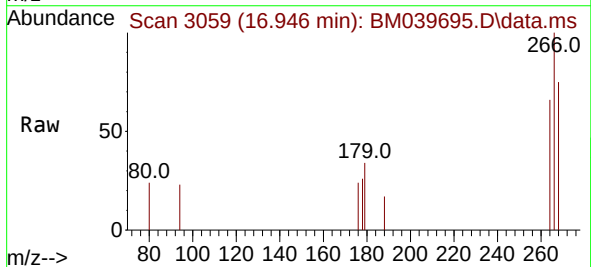
Instrument :
BNA_M
ClientSampleId :
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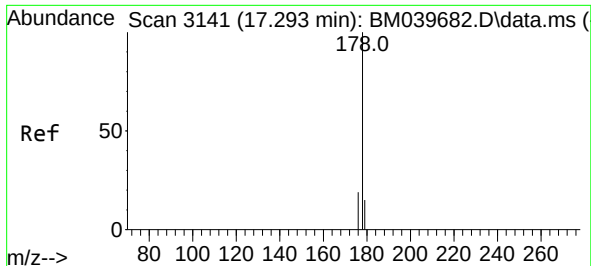
Tgt Ion:166 Resp: 8771
Ion Ratio Lower Upper
166 100
165 98.0 77.8 116.8
167 15.1 11.8 17.6



#14
Pentachlorophenol
Concen: 0.481 ng/ul
RT: 16.946 min Scan# 3059
Delta R.T. -0.004 min
Lab File: BM039695.D
Acq: 27 Apr 2023 01:08

Tgt Ion:266 Resp: 1270
Ion Ratio Lower Upper
266 100
264 61.7 39.6 59.4#
268 64.0 42.4 63.6#

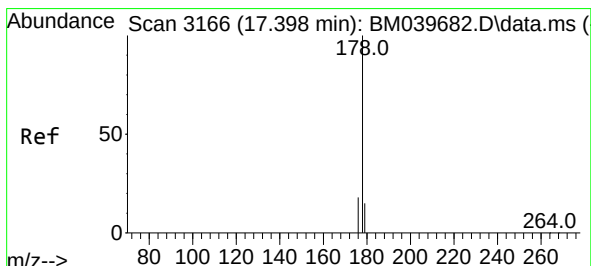
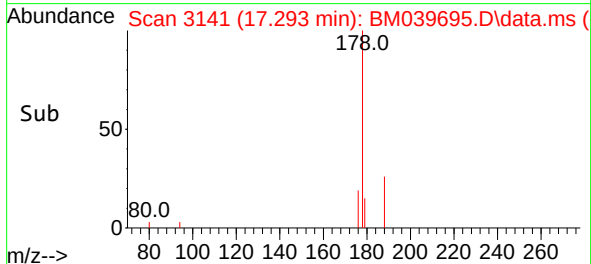
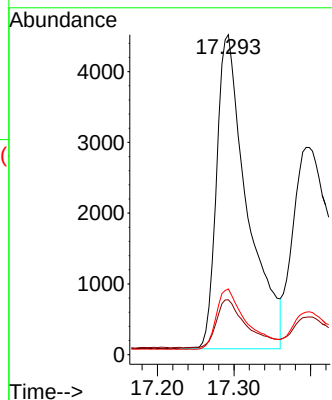
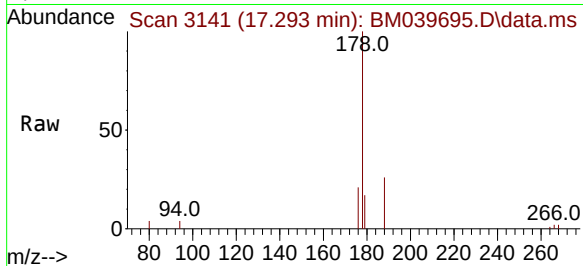




#15
Phenanthrene
Concen: 0.399 ng/ul
RT: 17.293 min Scan# 3141
Delta R.T. 0.004 min
Lab File: BM039695.D
Acq: 27 Apr 2023 01:08

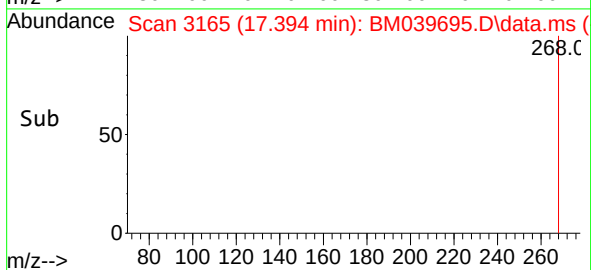
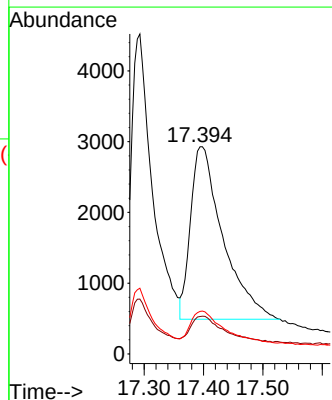
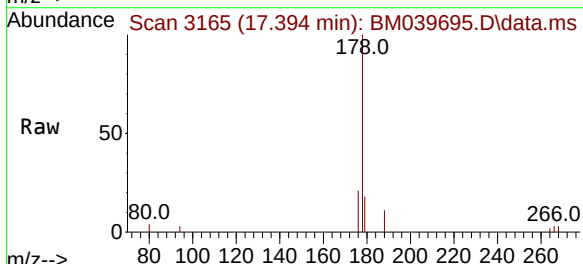
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ClientSampleId :
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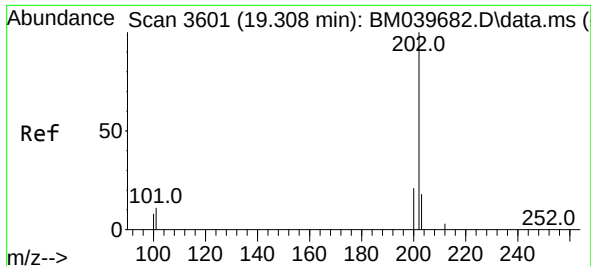
Tgt Ion:	178	Resp:	12253
Ion Ratio	Lower	Upper	
178	100		
179	17.2	13.4	20.2
176	20.5	15.8	23.6



#16
Anthracene
Concen: 0.396 ng/ul
RT: 17.394 min Scan# 3165
Delta R.T. 0.004 min
Lab File: BM039695.D
Acq: 27 Apr 2023 01:08

Tgt Ion:	178	Resp:	9251
Ion Ratio	Lower	Upper	
178	100		
179	18.1	14.6	21.8
176	20.6	16.6	24.8

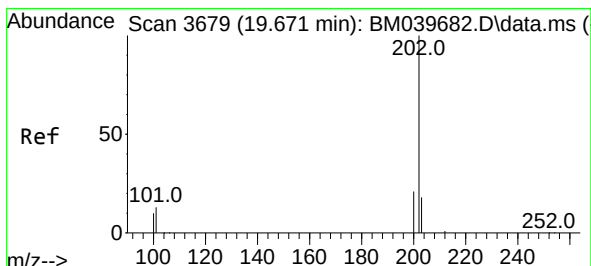
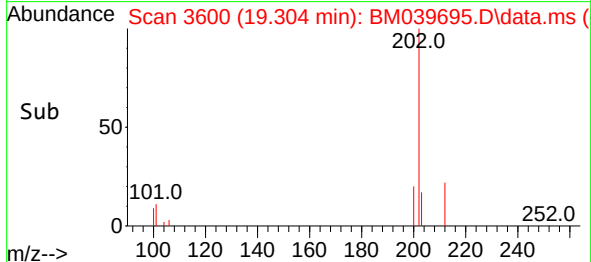
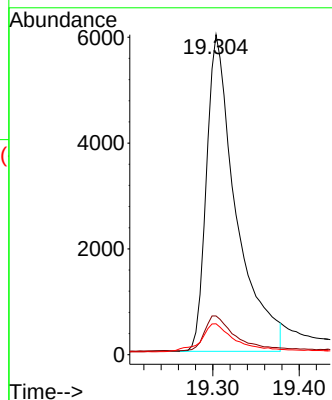
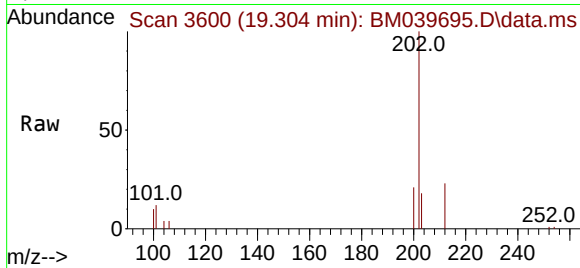




#19
Fluoranthene
Concen: 0.387 ng/ul
RT: 19.304 min Scan# 3600
Delta R.T. -0.000 min
Lab File: BM039695.D
Acq: 27 Apr 2023 01:08

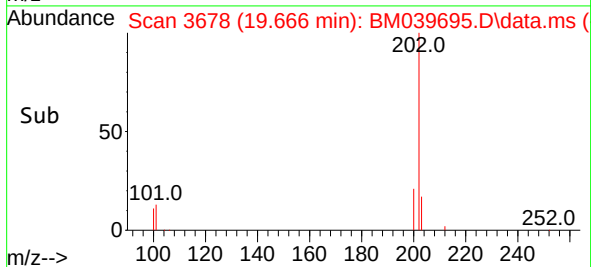
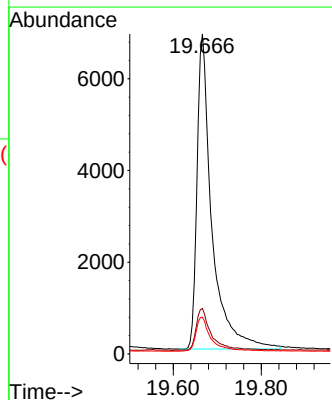
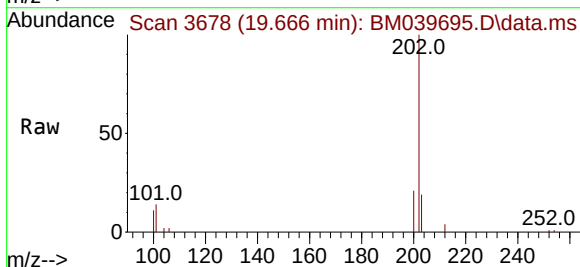
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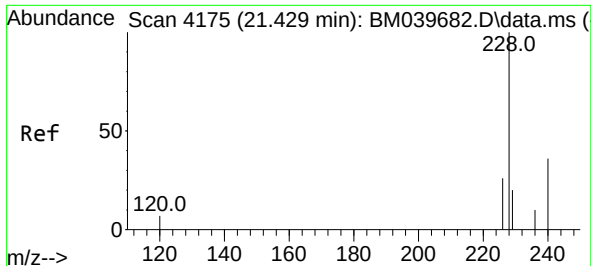
Tgt Ion:202 Resp: 14267
Ion Ratio Lower Upper
202 100
101 12.1 9.7 14.5
100 9.7 7.4 11.0



#20
Pyrene
Concen: 0.380 ng/ul
RT: 19.666 min Scan# 3678
Delta R.T. -0.000 min
Lab File: BM039695.D
Acq: 27 Apr 2023 01:08

Tgt Ion:202 Resp: 16087
Ion Ratio Lower Upper
202 100
101 14.2 11.1 16.7
100 11.5 8.8 13.2

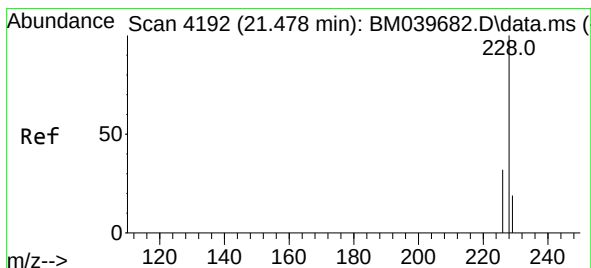
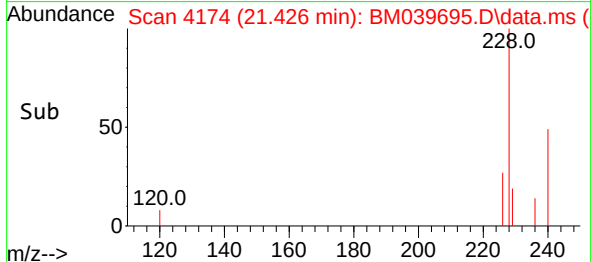
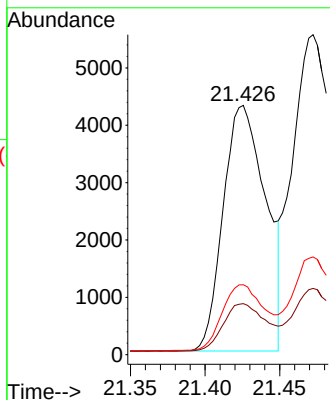
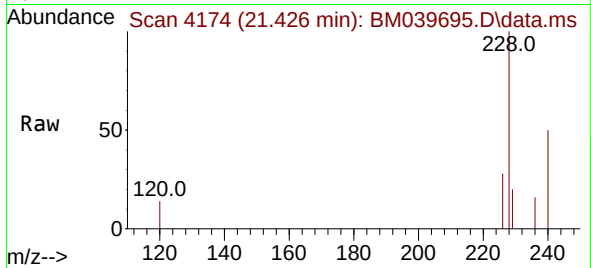




#21
Benzo(a)anthracene
Concen: 0.413 ng/ul
RT: 21.426 min Scan# 4175
Delta R.T. -0.003 min
Lab File: BM039695.D
Acq: 27 Apr 2023 01:08

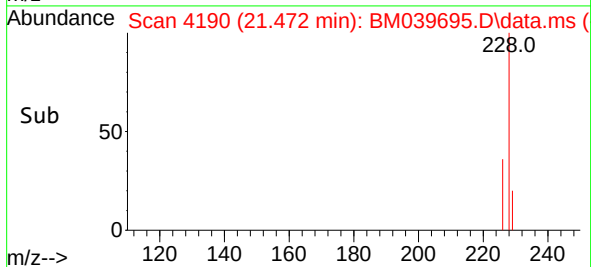
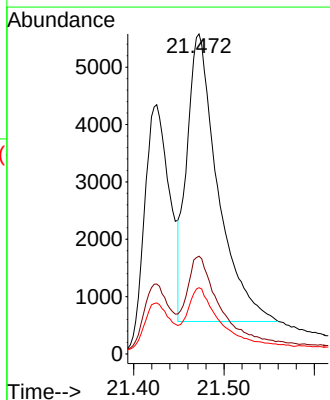
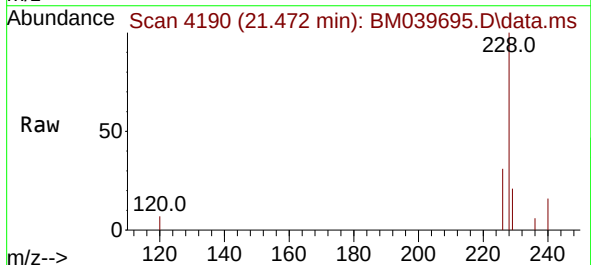
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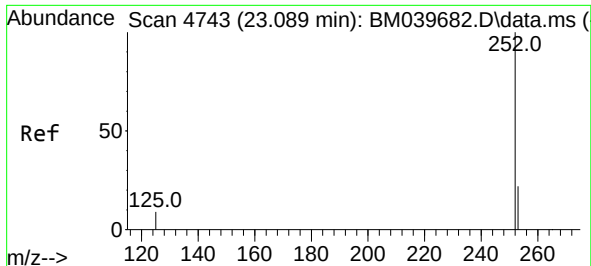
Tgt Ion:228 Resp: 8493
Ion Ratio Lower Upper
228 100
229 20.5 16.6 24.8
226 28.0 22.6 34.0



#22
Chrysene
Concen: 0.473 ng/ul
RT: 21.472 min Scan# 4190
Delta R.T. -0.006 min
Lab File: BM039695.D
Acq: 27 Apr 2023 01:08

Tgt Ion:228 Resp: 11911
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 20.7 16.2 24.4

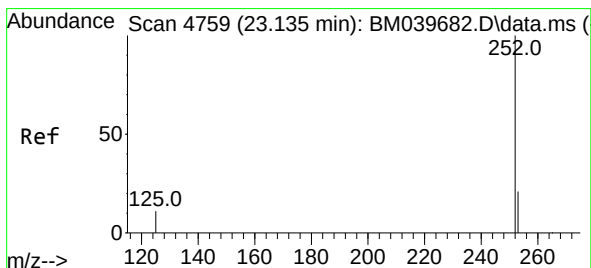
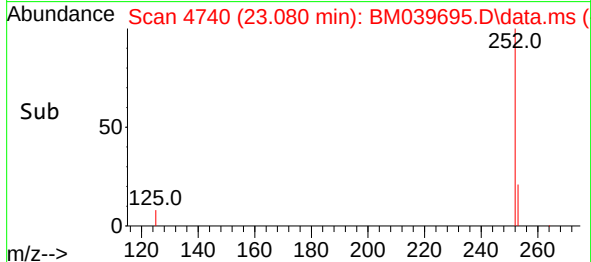
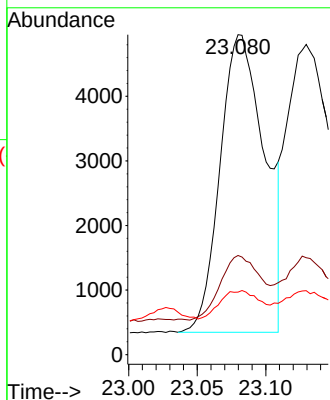
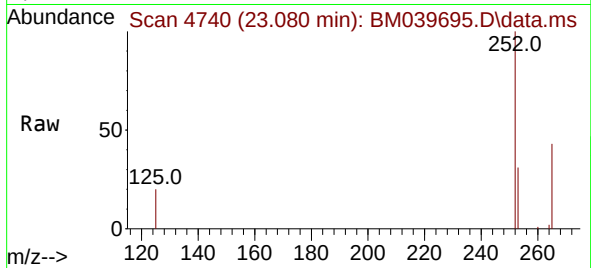




#24
Benzo(b)fluoranthene
Concen: 0.456 ng/ul
RT: 23.080 min Scan# 4740
Delta R.T. -0.009 min
Lab File: BM039695.D
Acq: 27 Apr 2023 01:08

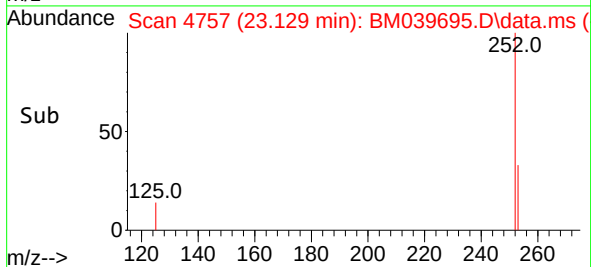
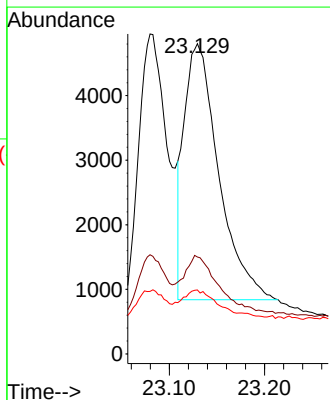
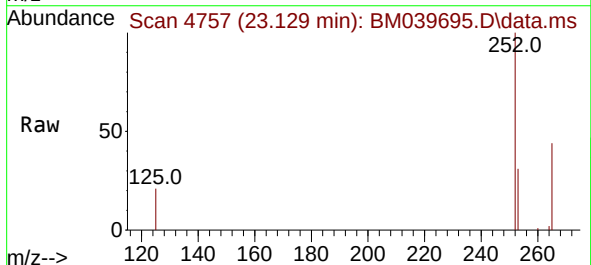
Instrument :
BNA_M
ClientSampleId :
SLCS399

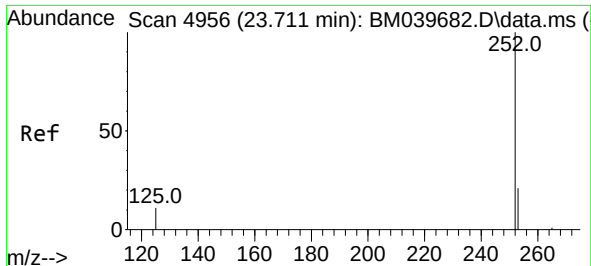
Tgt Ion:252 Resp: 10438
Ion Ratio Lower Upper
252 100
253 31.0 0.0 64.4
125 19.6 0.0 50.4



#25
Benzo(k)fluoranthene
Concen: 0.458 ng/ul
RT: 23.129 min Scan# 4757
Delta R.T. -0.006 min
Lab File: BM039695.D
Acq: 27 Apr 2023 01:08

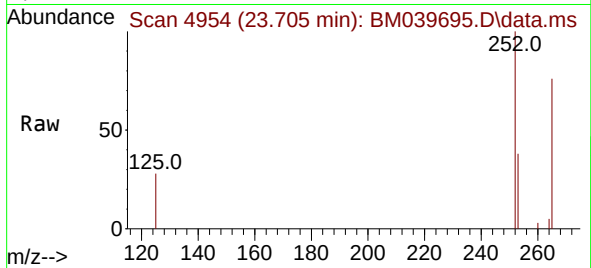
Tgt Ion:252 Resp: 9991
Ion Ratio Lower Upper
252 100
253 31.2 25.5 38.3
125 20.6 20.4 30.6



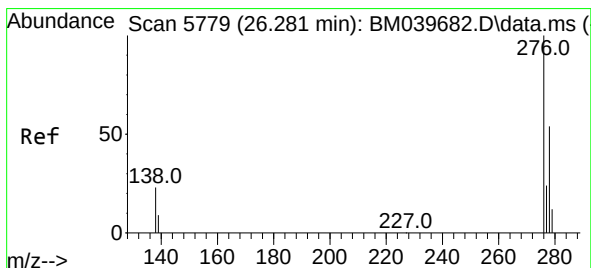
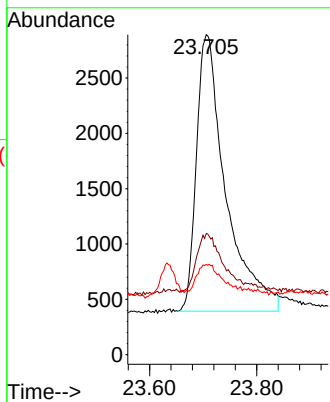
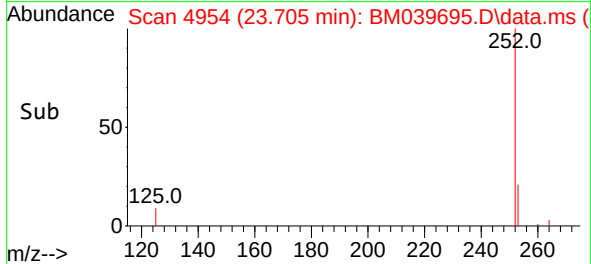


#26
Benzo(a)pyrene
Concen: 0.412 ng/ul
RT: 23.705 min Scan# 4956
Delta R.T. -0.006 min
Lab File: BM039695.D
Acq: 27 Apr 2023 01:08

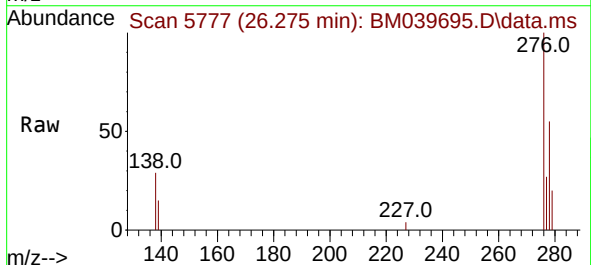
Instrument :
BNA_M
ClientSampleId :
SLCS399



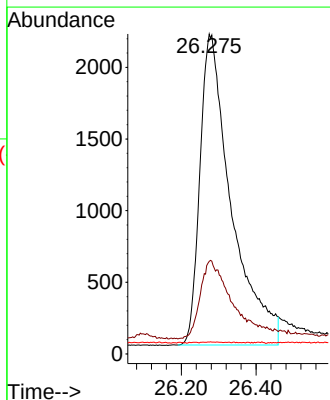
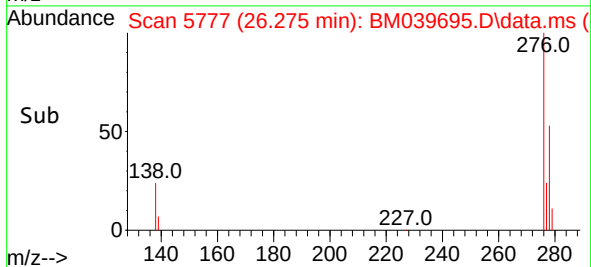
Tgt Ion:252 Resp: 9501
Ion Ratio Lower Upper
252 100
253 37.9 31.0 46.4
125 28.2 28.2 42.4#

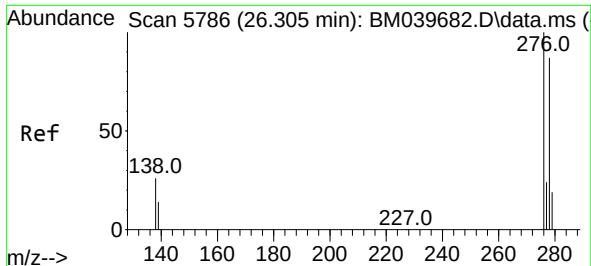


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.435 ng/ul
RT: 26.275 min Scan# 5777
Delta R.T. -0.007 min
Lab File: BM039695.D
Acq: 27 Apr 2023 01:08



Tgt Ion:276 Resp: 12634
Ion Ratio Lower Upper
276 100
138 26.4 21.4 32.0
227 0.0 0.1 0.1#

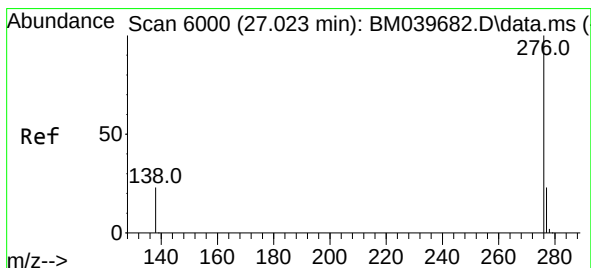
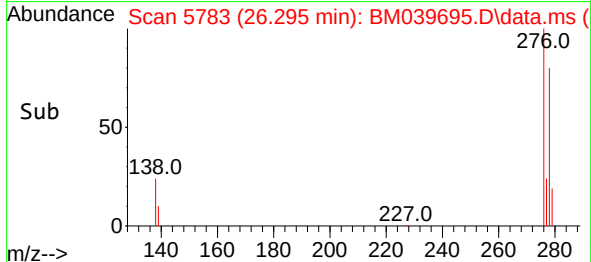
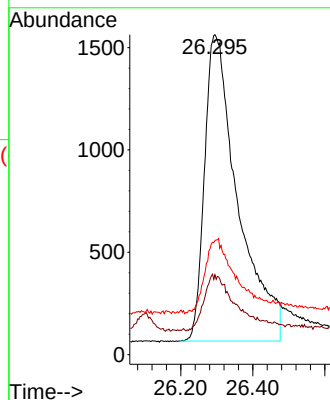
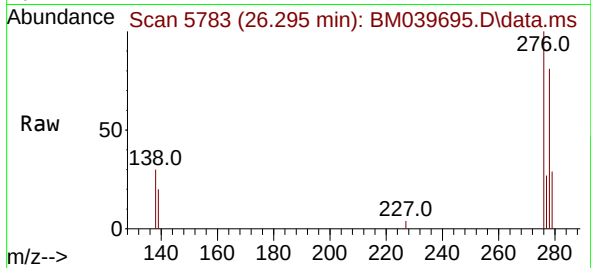




#28
Dibenzo(a,h)anthracene
Concen: 0.474 ng/ul
RT: 26.295 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM039695.D
Acq: 27 Apr 2023 01:08

Instrument :
BNA_M
ClientSampleId :
SLCS399

Tgt Ion:278 Resp: 9643
Ion Ratio Lower Upper
278 100
139 25.0 21.8 32.6
279 35.6 30.0 45.0



#29
Benzo(g,h,i)perylene
Concen: 0.415 ng/ul
RT: 27.012 min Scan# 5997
Delta R.T. -0.010 min
Lab File: BM039695.D
Acq: 27 Apr 2023 01:08

Tgt Ion:276 Resp: 11561
Ion Ratio Lower Upper
276 100
138 26.3 22.2 33.2
277 26.9 21.2 31.8

