

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036982.D
 Acq On : 12 Oct 2022 14:03
 Operator : CG/JU
 Sample : N5024-08DL 5X
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ7DL

Quant Time: Oct 12 23:10:24 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)

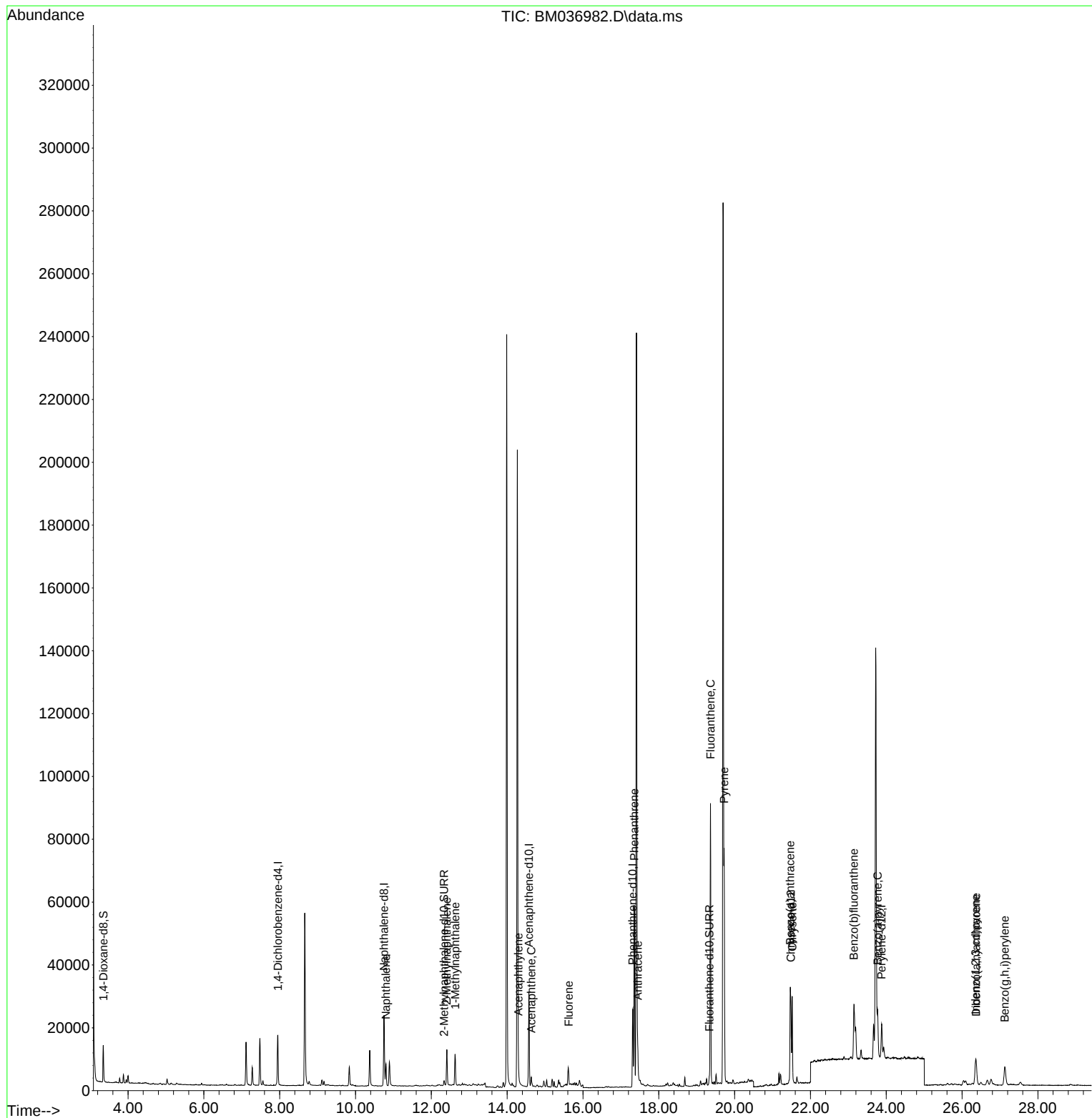
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	8370	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	30208	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.576	164	16388	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.314	188	29761	0.400	ng/ul	0.00
17) Chrysene-d12	21.484	240	16826	0.400	ng/ul	0.00
23) Perylene-d12	23.878	264	14634	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	7351	0.623	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	1936	0.042	ng/ul	0.00
18) Fluoranthene-d10	19.332	212	3036	0.060	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	9507	0.110	ng/ul	98
7) 2-Methylnaphthalene	12.409	142	8624	0.163	ng/ul	91
8) 1-Methylnaphthalene	12.629	142	7253	0.135	ng/ul	99
10) Acenaphthylene	14.298	152	3664	0.054	ng/ul#	88
11) Acenaphthene	14.636	153	1858	0.031	ng/ul	97
12) Fluorene	15.621	166	2839	0.042	ng/ul#	93
15) Phenanthrene	17.352	178	62129	0.654	ng/ul	99
16) Anthracene	17.445	178	6983	0.088	ng/ul	96
19) Fluoranthene	19.364	202	73674	1.101	ng/ul	97
20) Pyrene	19.722	202	60312	0.864	ng/ul	99
21) Benzo(a)anthracene	21.467	228	23320	0.384	ng/ul	98
22) Chrysene	21.519	228	27276	0.418	ng/ul	98
24) Benzo(b)fluoranthene	23.147	252	31567	0.483	ng/ul	96
26) Benzo(a)pyrene	23.770	252	19563	0.369	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.362	276	14787	0.197	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.372	278	3705	0.061	ng/ul#	57
29) Benzo(g,h,i)perylene	27.127	276	13226	0.200	ng/ul	95

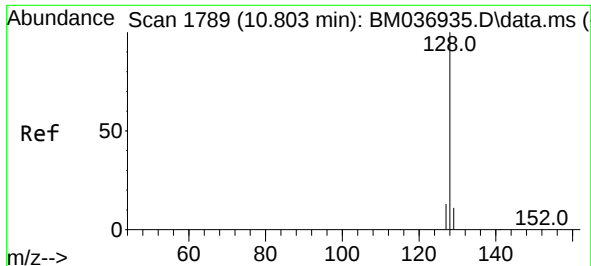
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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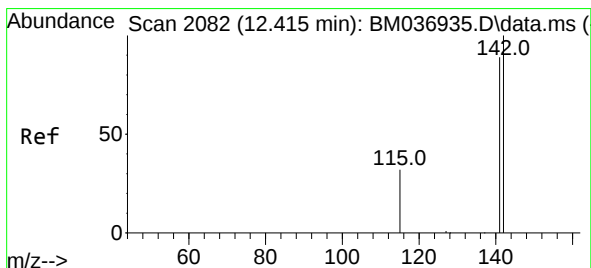
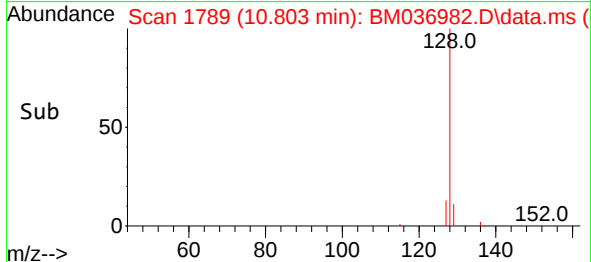
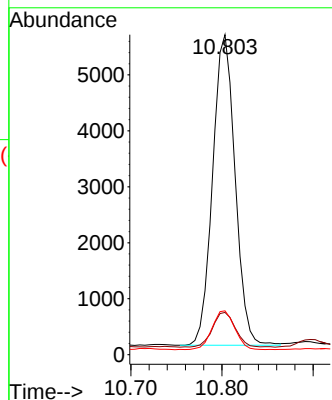
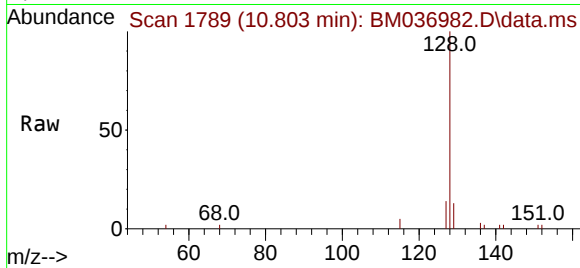




#5
Naphthalene
Concen: 0.110 ng/ul
RT: 10.803 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BM036982.D
Acq: 12 Oct 2022 14:03

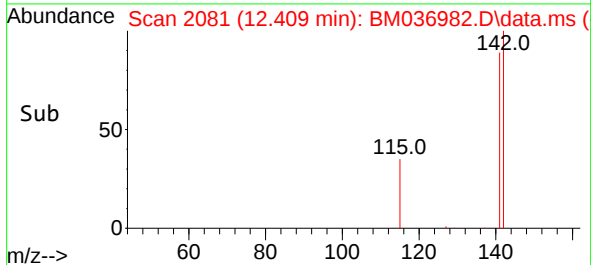
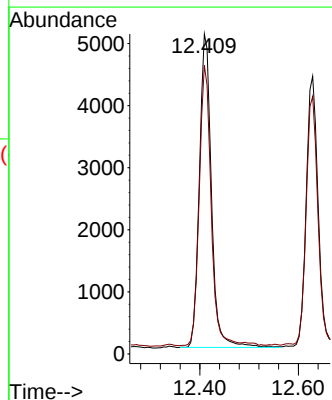
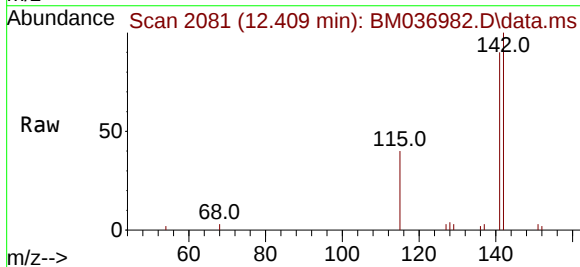
Instrument :
BNA_M
ClientSampleId :
C0BJ7DL

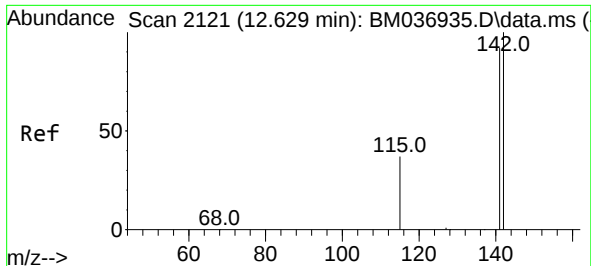
Tgt Ion:128 Resp: 9507
Ion Ratio Lower Upper
128 100
129 13.2 10.2 15.2
127 13.7 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.163 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BM036982.D
Acq: 12 Oct 2022 14:03

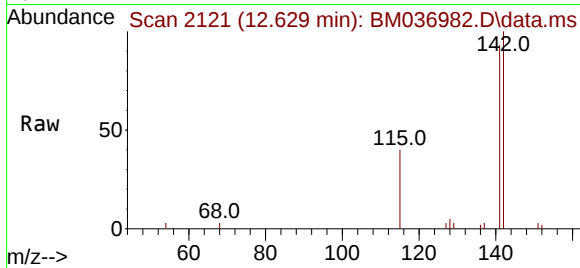
Tgt Ion:142 Resp: 8624
Ion Ratio Lower Upper
142 100
141 88.4 77.4 116.0



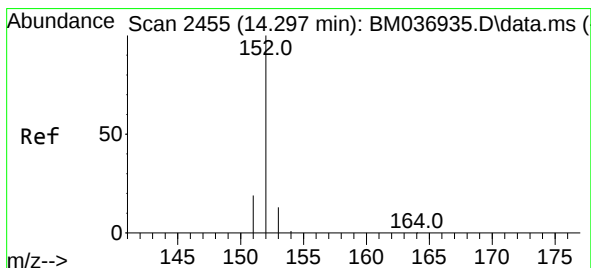
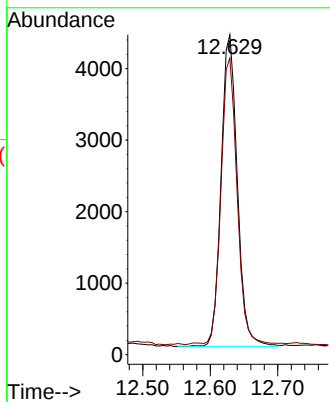
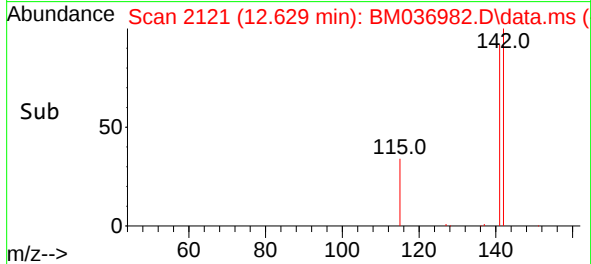


#8
1-Methylnaphthalene
Concen: 0.135 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM036982.D
Acq: 12 Oct 2022 14:03

Instrument :
BNA_M
ClientSampleId :
C0BJ7DL

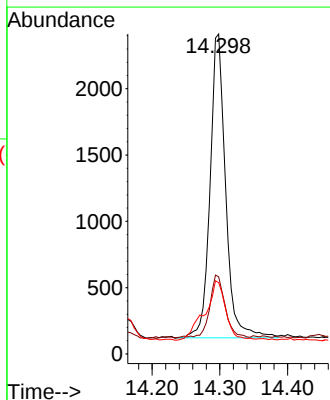
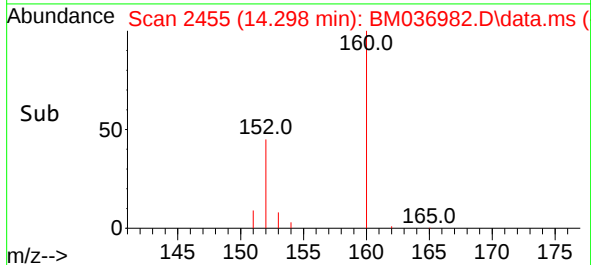
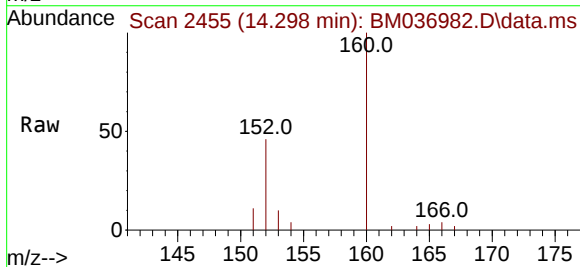


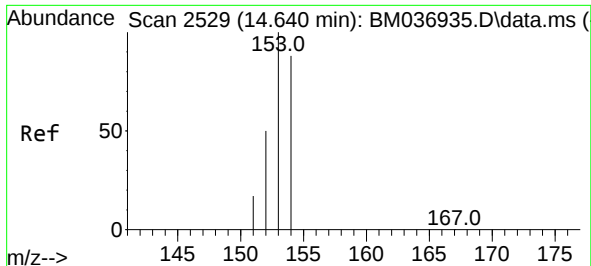
Tgt Ion:142 Resp: 7253
Ion Ratio Lower Upper
142 100
141 91.6 74.1 111.1



#10
Acenaphthylene
Concen: 0.054 ng/ul
RT: 14.298 min Scan# 2455
Delta R.T. 0.001 min
Lab File: BM036982.D
Acq: 12 Oct 2022 14:03

Tgt Ion:152 Resp: 3664
Ion Ratio Lower Upper
152 100
151 24.1 16.6 24.8
153 22.3 11.4 17.0#

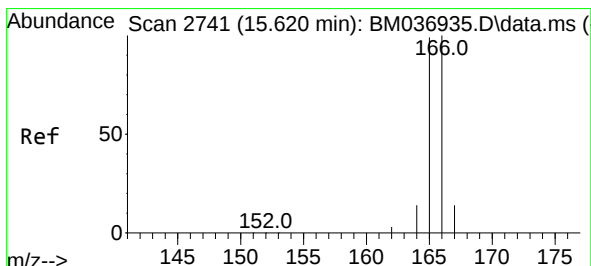
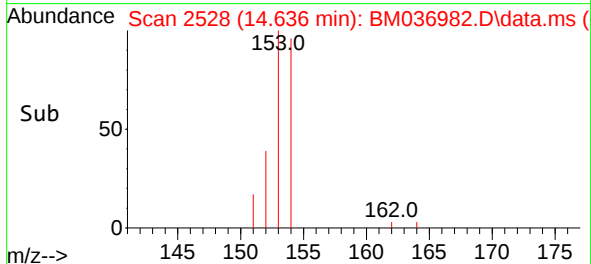
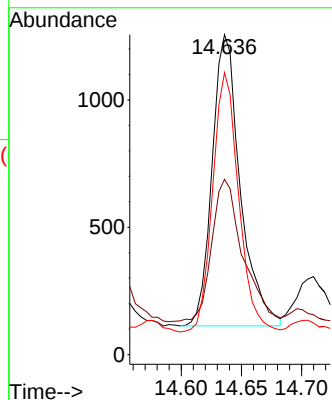
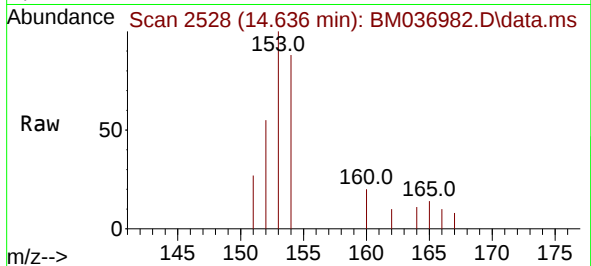




#11
Acenaphthene
Concen: 0.031 ng/u1
RT: 14.636 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM036982.D
Acq: 12 Oct 2022 14:03

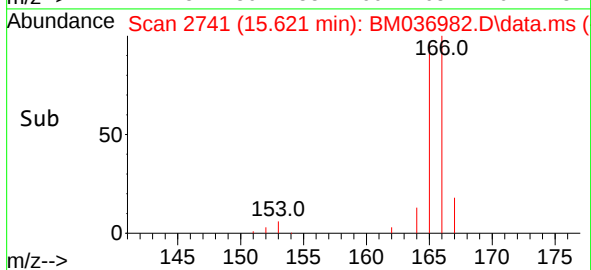
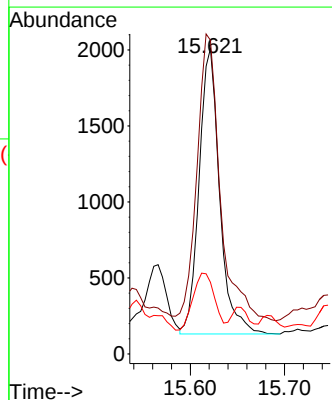
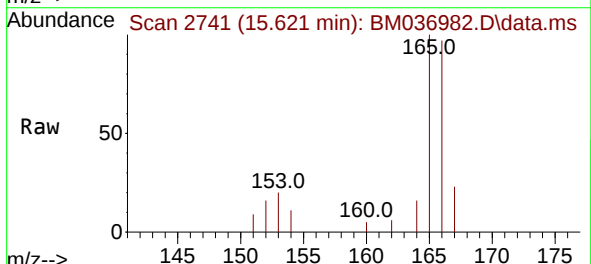
Instrument :
BNA_M
ClientSampleId :
C0BJ7DL

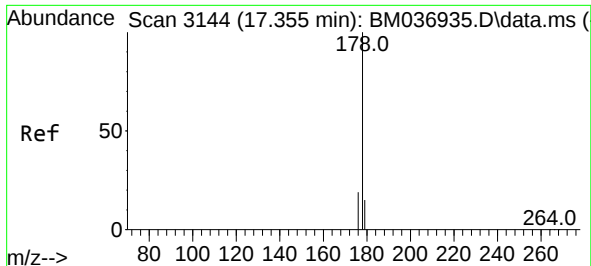
Tgt Ion:153 Resp: 1858
Ion Ratio Lower Upper
153 100
152 54.8 40.2 60.4
154 88.1 69.7 104.5



#12
Fluorene
Concen: 0.042 ng/u1
RT: 15.621 min Scan# 2741
Delta R.T. 0.001 min
Lab File: BM036982.D
Acq: 12 Oct 2022 14:03

Tgt Ion:166 Resp: 2839
Ion Ratio Lower Upper
166 100
165 102.7 78.9 118.3
167 23.5 11.3 16.9#

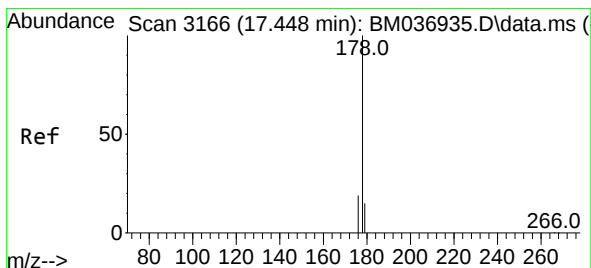
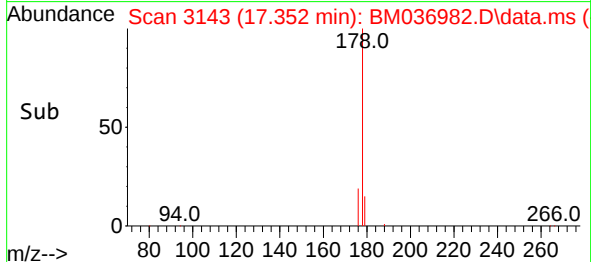
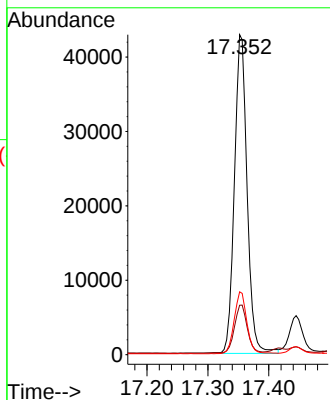
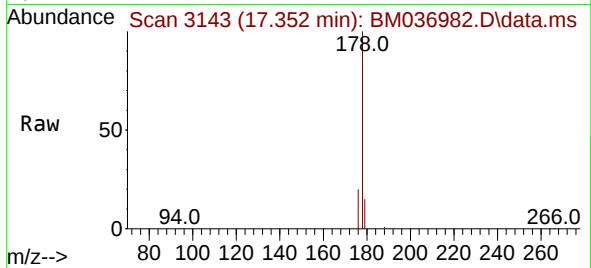




#15
Phenanthrene
Concen: 0.654 ng/ul
RT: 17.352 min Scan# 3144
Delta R.T. -0.003 min
Lab File: BM036982.D
Acq: 12 Oct 2022 14:03

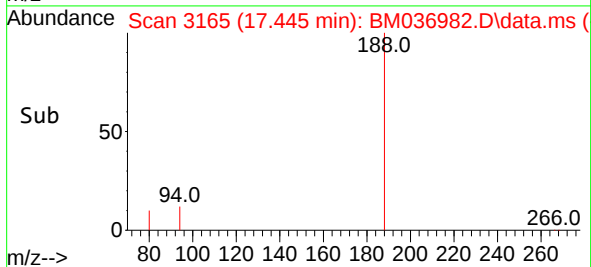
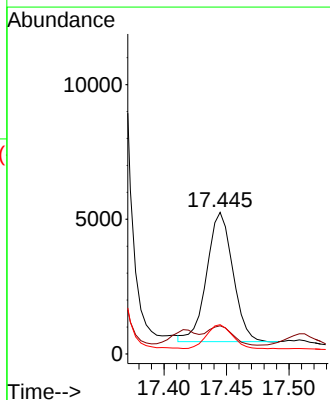
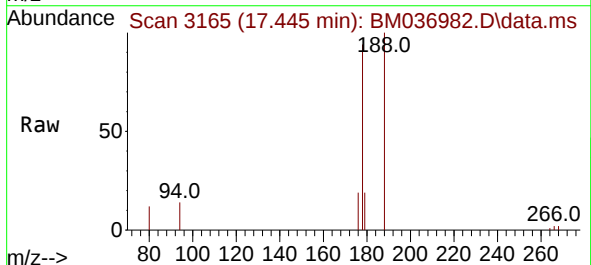
Instrument :
BNA_M
ClientSampleId :
C0BJ7DL

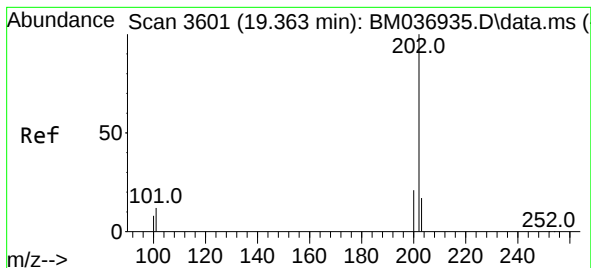
Tgt Ion:178 Resp: 62129
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.6 15.6 23.4



#16
Anthracene
Concen: 0.088 ng/ul
RT: 17.445 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BM036982.D
Acq: 12 Oct 2022 14:03

Tgt Ion:178 Resp: 6983
Ion Ratio Lower Upper
178 100
179 19.9 13.6 20.4
176 20.6 15.6 23.4





#19

Fluoranthene

Concen: 1.101 ng/ul

RT: 19.364 min Scan# 3601

Delta R.T. 0.001 min

Lab File: BM036982.D

Acq: 12 Oct 2022 14:03

Instrument :

BNA_M

ClientSampleId :

C0BJ7DL

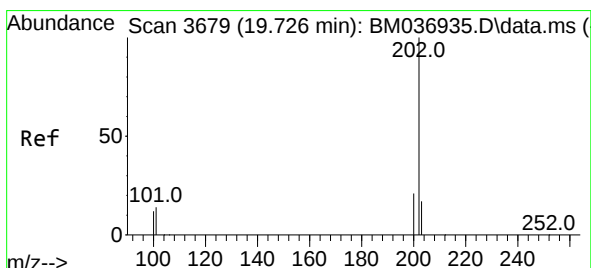
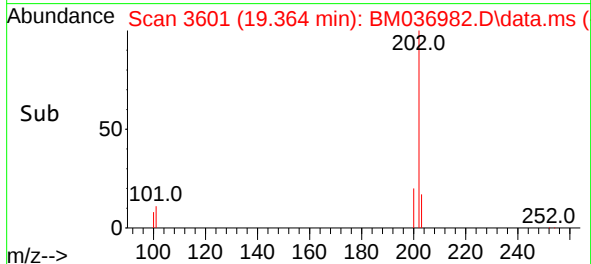
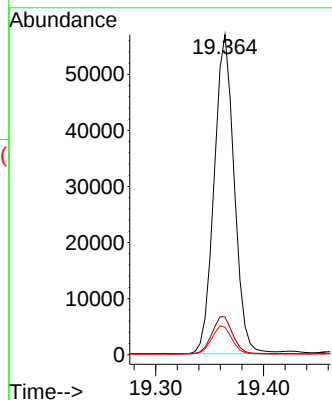
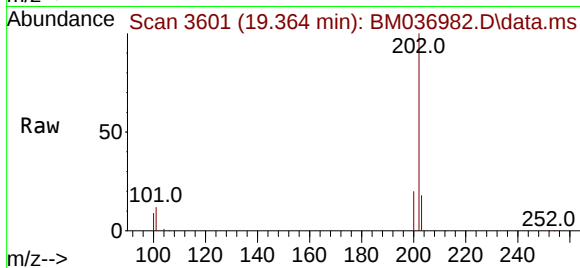
Tgt Ion:202 Resp: 73674

Ion Ratio Lower Upper

202 100

101 11.8 10.1 15.1

100 8.6 7.9 11.9



#20

Pyrene

Concen: 0.864 ng/ul

RT: 19.722 min Scan# 3678

Delta R.T. -0.004 min

Lab File: BM036982.D

Acq: 12 Oct 2022 14:03

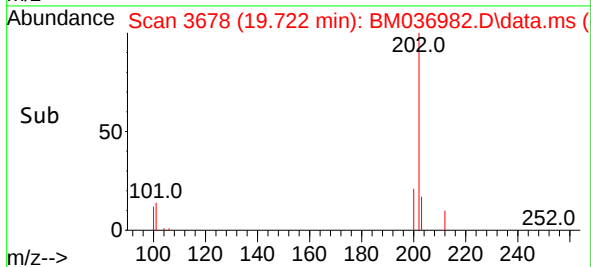
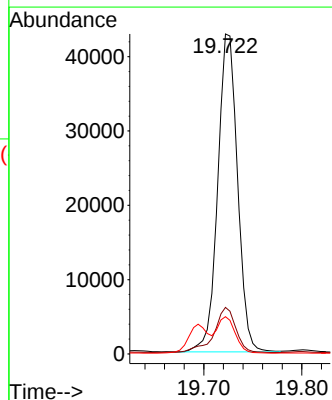
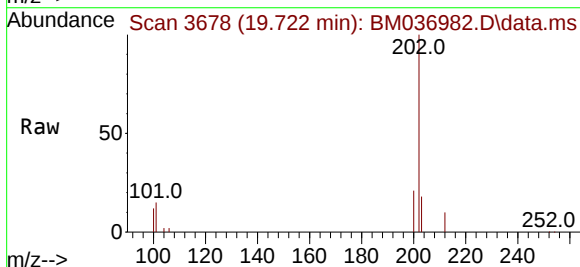
Tgt Ion:202 Resp: 60312

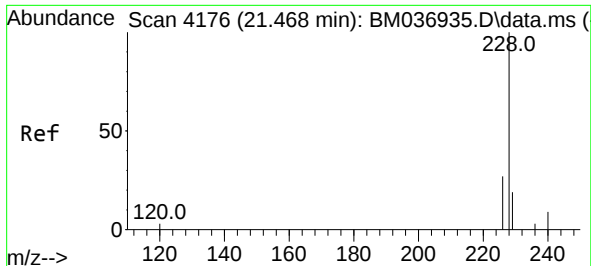
Ion Ratio Lower Upper

202 100

101 14.6 12.0 18.0

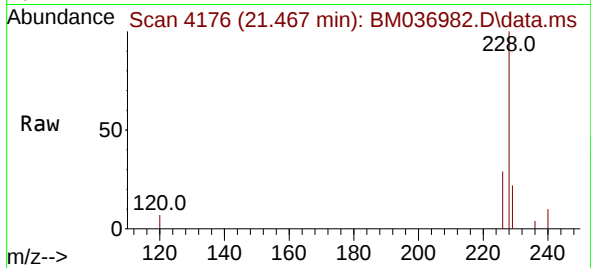
100 11.6 9.8 14.6



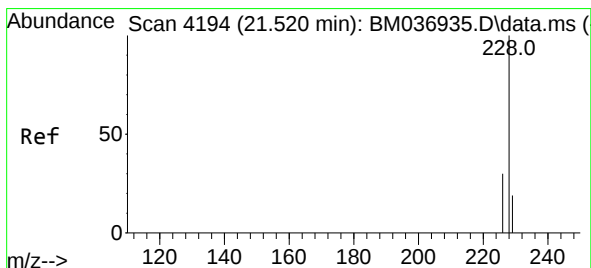
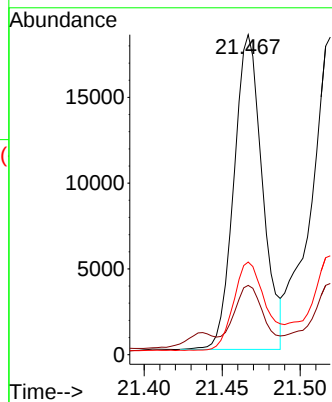
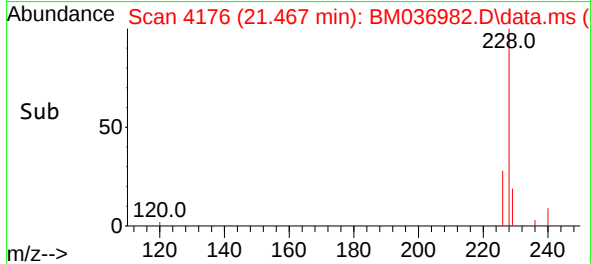


#21
Benzo(a)anthracene
Concen: 0.384 ng/ul
RT: 21.467 min Scan# 4176
Delta R.T. -0.001 min
Lab File: BM036982.D
Acq: 12 Oct 2022 14:03

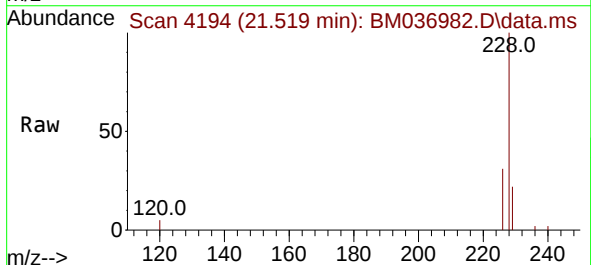
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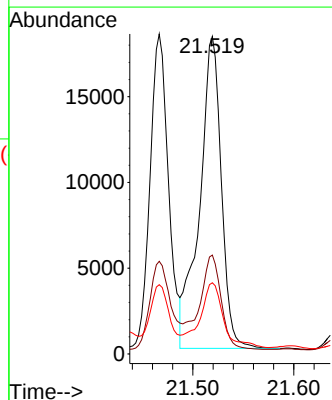
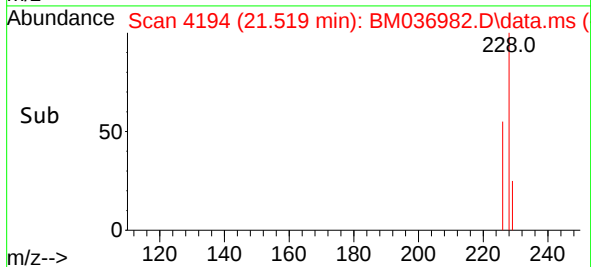
Tgt Ion:228 Resp: 23320
Ion Ratio Lower Upper
228 100
229 21.7 16.2 24.2
226 29.0 22.5 33.7

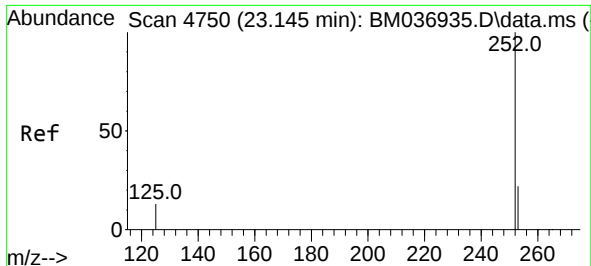


#22
Chrysene
Concen: 0.418 ng/ul
RT: 21.519 min Scan# 4194
Delta R.T. -0.001 min
Lab File: BM036982.D
Acq: 12 Oct 2022 14:03



Tgt Ion:228 Resp: 27276
Ion Ratio Lower Upper
228 100
226 31.1 24.6 37.0
229 22.4 16.4 24.6

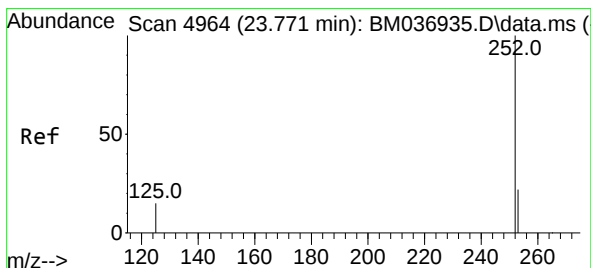
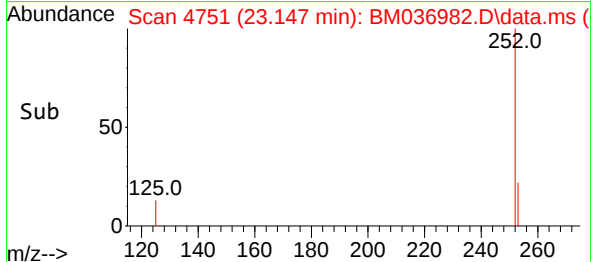
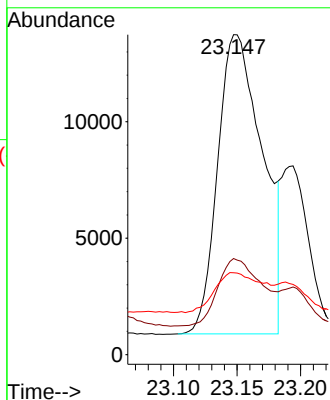
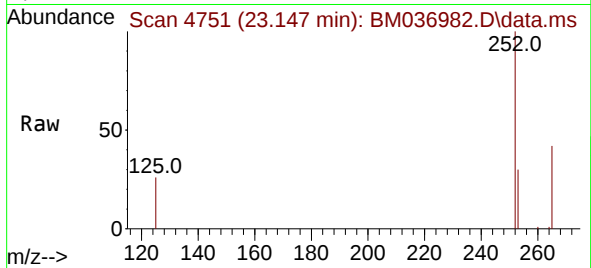




#24
Benzo(b)fluoranthene
Concen: 0.483 ng/ul
RT: 23.147 min Scan# 4751
Delta R.T. 0.002 min
Lab File: BM036982.D
Acq: 12 Oct 2022 14:03

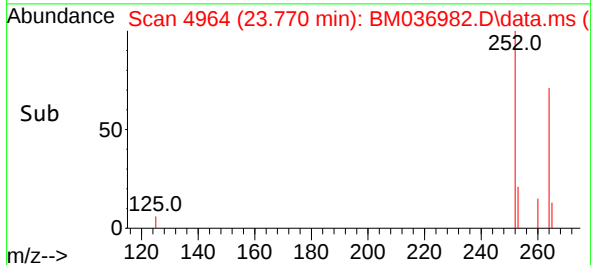
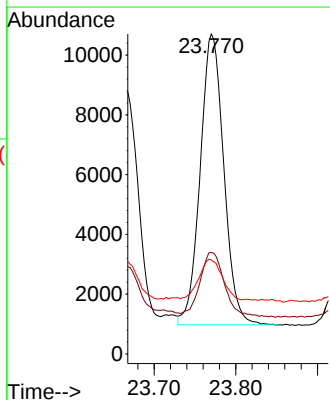
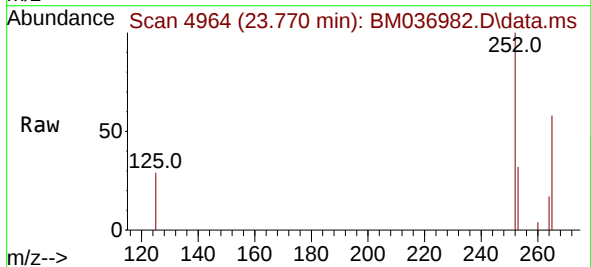
Instrument :
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ClientSampleId :
C0BJ7DL

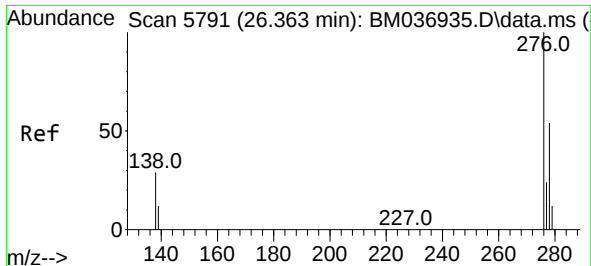
Tgt Ion:252 Resp: 31567
Ion Ratio Lower Upper
252 100
253 30.0 0.0 61.4
125 25.6 0.0 42.6



#26
Benzo(a)pyrene
Concen: 0.369 ng/ul
RT: 23.770 min Scan# 4964
Delta R.T. -0.001 min
Lab File: BM036982.D
Acq: 12 Oct 2022 14:03

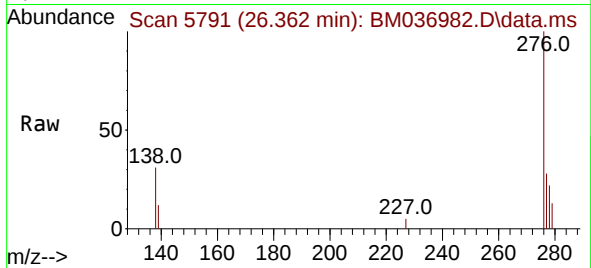
Tgt Ion:252 Resp: 19563
Ion Ratio Lower Upper
252 100
253 31.7 29.7 44.5
125 29.4 23.6 35.4



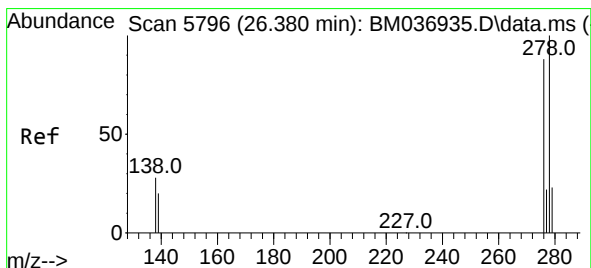
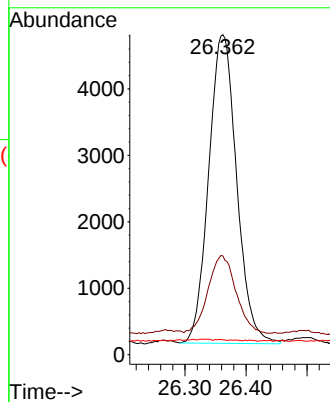
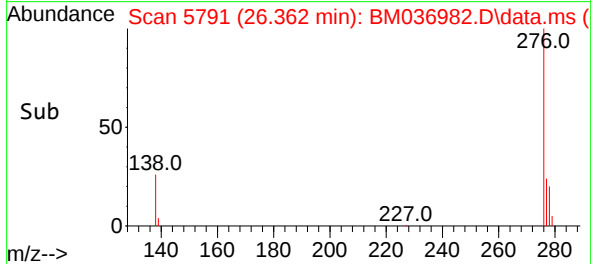


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.197 ng/ul
RT: 26.362 min Scan# 5791
Delta R.T. -0.001 min
Lab File: BM036982.D
Acq: 12 Oct 2022 14:03

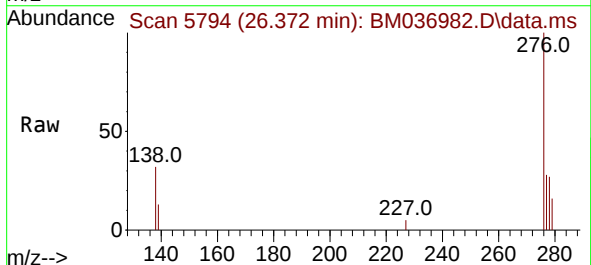
Instrument :
BNA_M
ClientSampleId :
C0BJ7DL



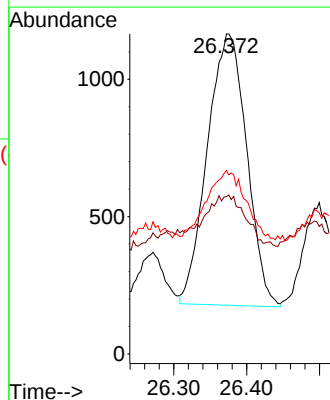
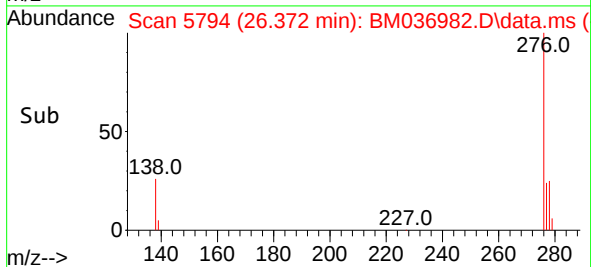
Tgt Ion:276 Resp: 14787
Ion Ratio Lower Upper
276 100
138 25.3 23.9 35.9
227 0.0 0.1 0.1#

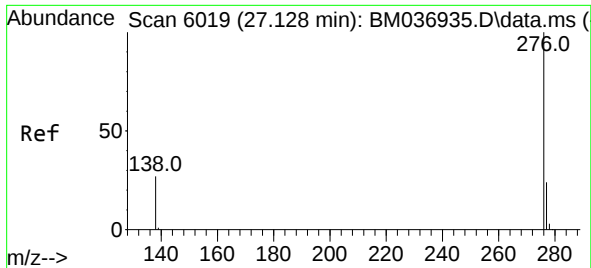


#28
Dibenzo(a,h)anthracene
Concen: 0.061 ng/ul
RT: 26.372 min Scan# 5794
Delta R.T. -0.008 min
Lab File: BM036982.D
Acq: 12 Oct 2022 14:03



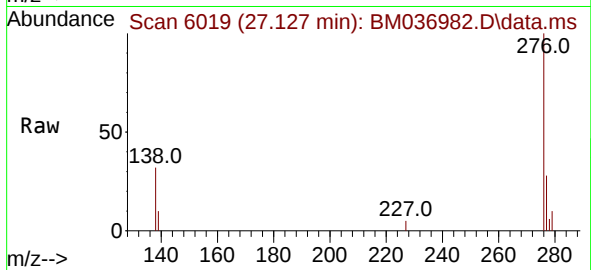
Tgt Ion:278 Resp: 3705
Ion Ratio Lower Upper
278 100
139 49.2 19.8 29.6#
279 57.3 27.7 41.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.200 ng/ul
 RT: 27.127 min Scan# 6019
 Delta R.T. -0.001 min
 Lab File: BM036982.D
 Acq: 12 Oct 2022 14:03

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ7DL



Tgt Ion:	276	Resp:	13226
Ion	Ratio	Lower	Upper
276	100		
138	32.5	23.4	35.0
277	28.2	21.0	31.4

