

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036986.D
 Acq On : 12 Oct 2022 16:30
 Operator : CG/JU
 Sample : N5024-04DL 5X
 Misc :
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 12 23:11:33 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)

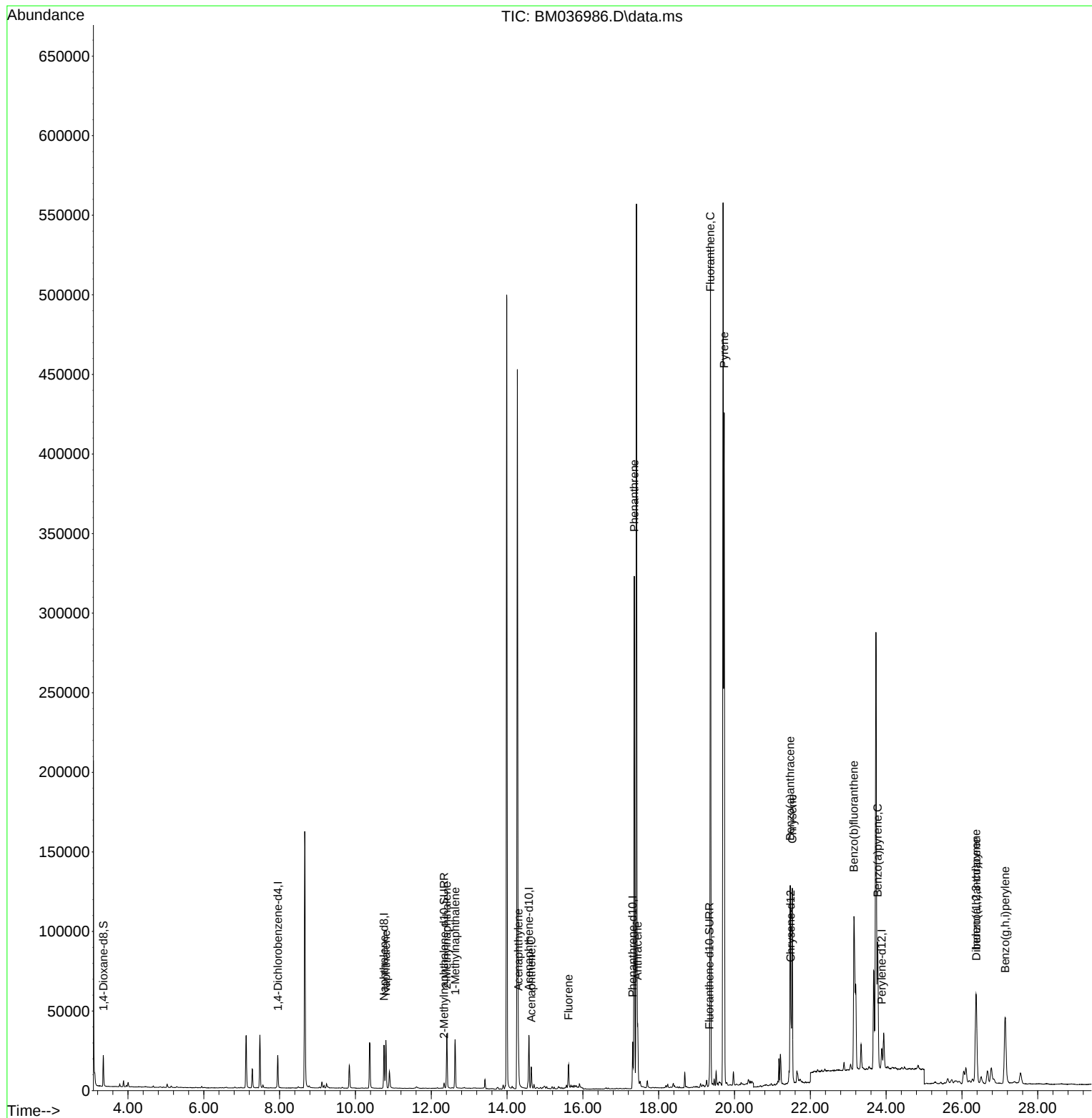
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	10138	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	36169	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.576	164	18256	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.314	188	32817	0.400	ng/ul	0.00
17) Chrysene-d12	21.484	240	17814	0.400	ng/ul	0.00
23) Perylene-d12	23.884	264	16738	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	12226	0.855	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	4218	0.077	ng/ul	0.00
18) Fluoranthene-d10	19.337	212	6323	0.119	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.803	128	40814	0.395	ng/ul	97
7) 2-Methylnaphthalene	12.409	142	24909	0.394	ng/ul	92
8) 1-Methylnaphthalene	12.629	142	21173	0.330	ng/ul	99
10) Acenaphthylene	14.298	152	28175	0.371	ng/ul	99
11) Acenaphthene	14.636	153	7958	0.121	ng/ul	99
12) Fluorene	15.621	166	8925	0.120	ng/ul#	97
15) Phenanthrene	17.356	178	323982	3.092	ng/ul	99
16) Anthracene	17.445	178	32821	0.375	ng/ul	99
19) Fluoranthene	19.364	202	432129	6.099	ng/ul	98
20) Pyrene	19.727	202	329585	4.461	ng/ul	97
21) Benzo(a)anthracene	21.470	228	100707	1.565	ng/ul	98
22) Chrysene	21.522	228	122421	1.772	ng/ul	98
24) Benzo(b)fluoranthene	23.150	252	177050	2.368	ng/ul	88
26) Benzo(a)pyrene	23.776	252	110952	1.829	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.372	276	97027	1.129	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.382	278	19968	0.288	ng/ul#	93
29) Benzo(g,h,i)perylene	27.144	276	92785	1.225	ng/ul	98

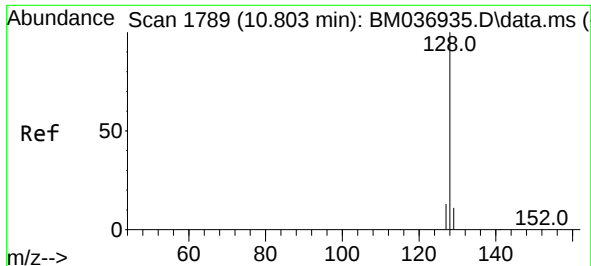
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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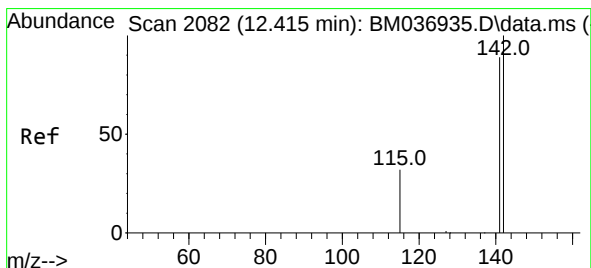
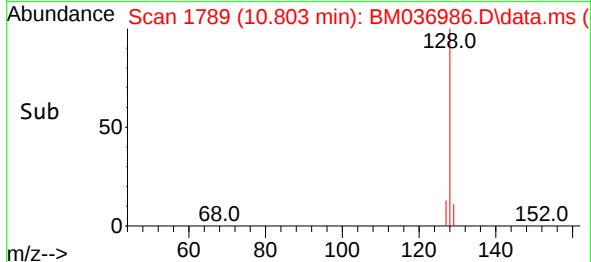
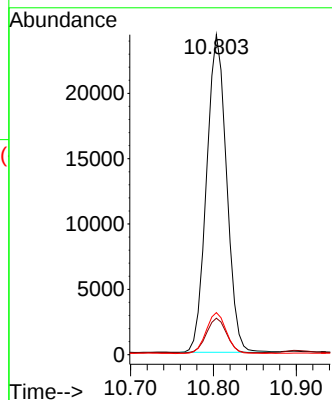
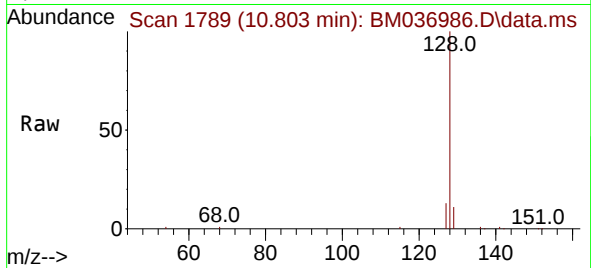




#5
Naphthalene
Concen: 0.395 ng/ul
RT: 10.803 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BM036986.D
Acq: 12 Oct 2022 16:30

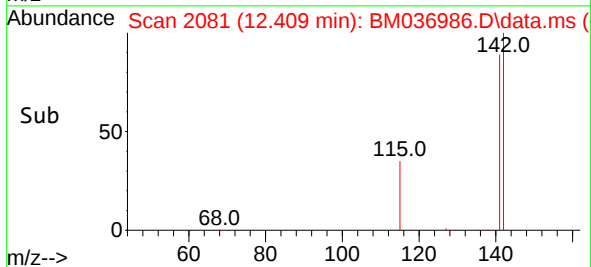
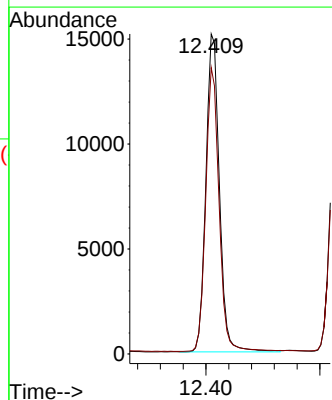
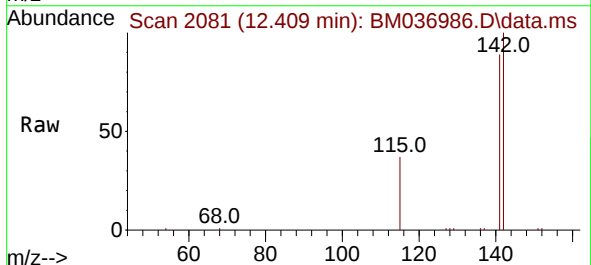
Instrument :
BNA_M
ClientSampleId :

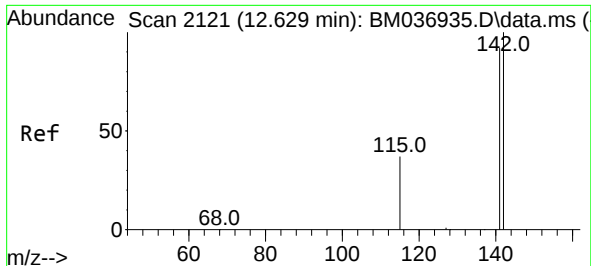
Tgt Ion:128 Resp: 40814
Ion Ratio Lower Upper
128 100
129 11.4 10.2 15.2
127 13.2 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BM036986.D
Acq: 12 Oct 2022 16:30

Tgt Ion:142 Resp: 24909
Ion Ratio Lower Upper
142 100
141 88.5 77.4 116.0

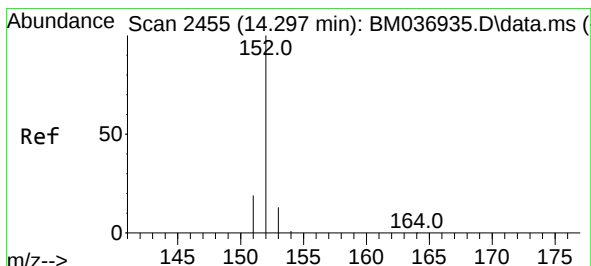
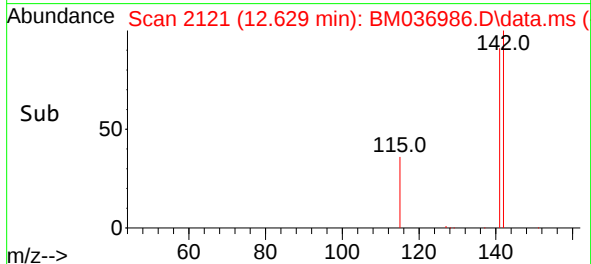
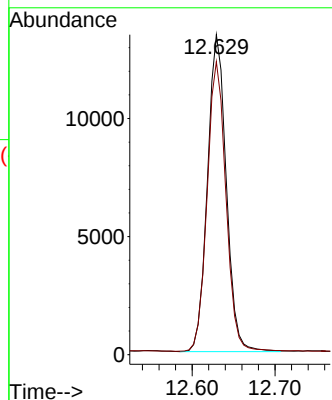
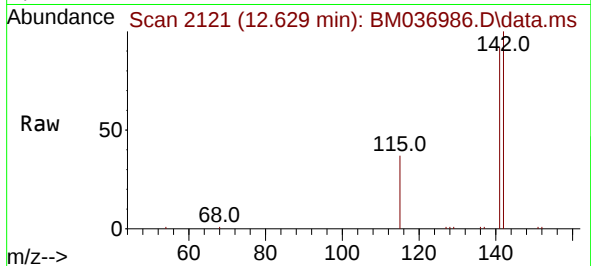




#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM036986.D
Acq: 12 Oct 2022 16:30

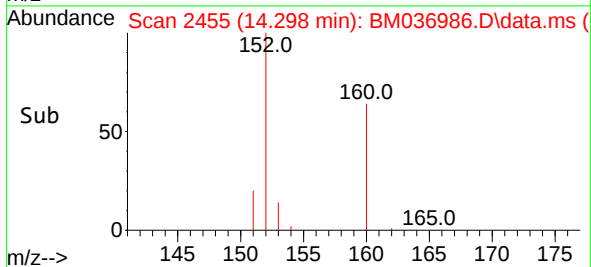
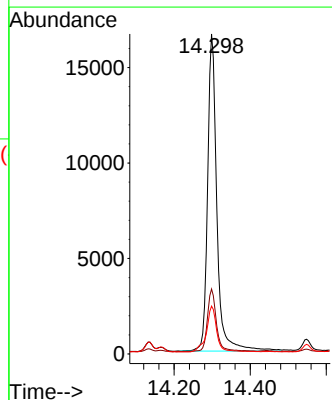
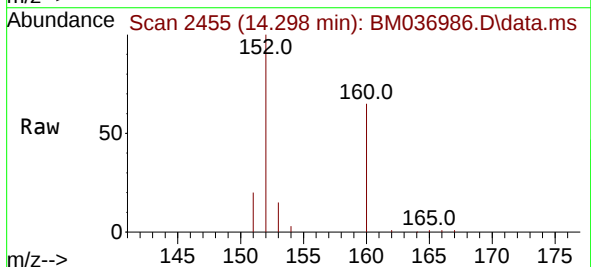
Instrument :
BNA_M
ClientSampleId :

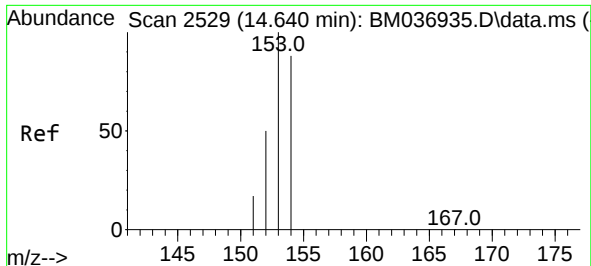
Tgt Ion:142 Resp: 21173
Ion Ratio Lower Upper
142 100
141 91.2 74.1 111.1



#10
Acenaphthylene
Concen: 0.371 ng/ul
RT: 14.298 min Scan# 2455
Delta R.T. 0.001 min
Lab File: BM036986.D
Acq: 12 Oct 2022 16:30

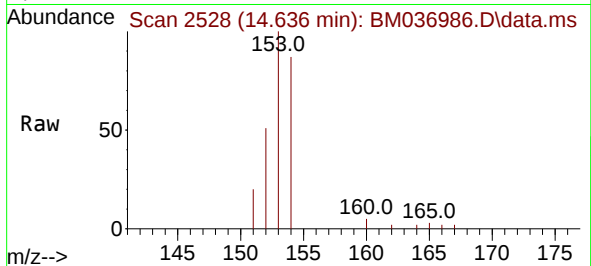
Tgt Ion:152 Resp: 28175
Ion Ratio Lower Upper
152 100
151 20.3 16.6 24.8
153 14.9 11.4 17.0



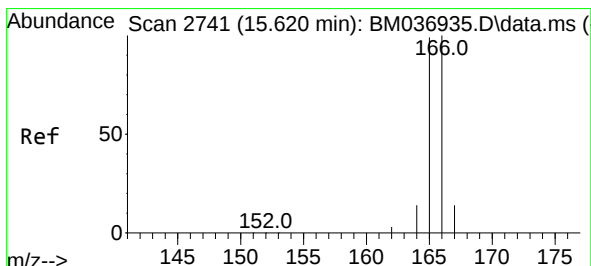
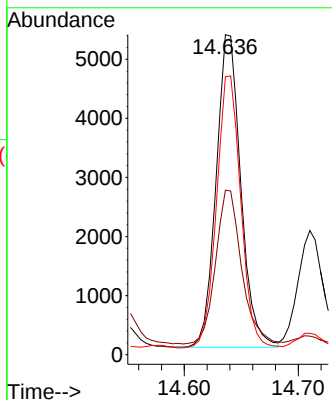
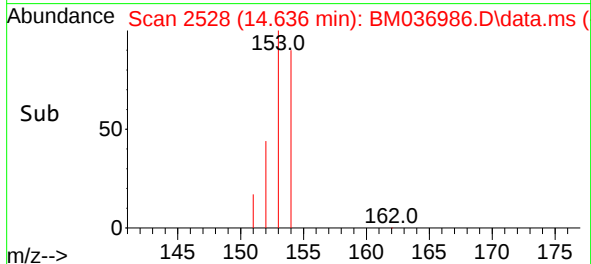


#11
Acenaphthene
Concen: 0.121 ng/ul
RT: 14.636 min Scan# 2528
Delta R.T. -0.004 min
Lab File: BM036986.D
Acq: 12 Oct 2022 16:30

Instrument :
BNA_M
ClientSampleId :

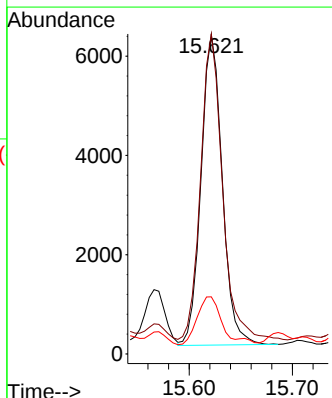
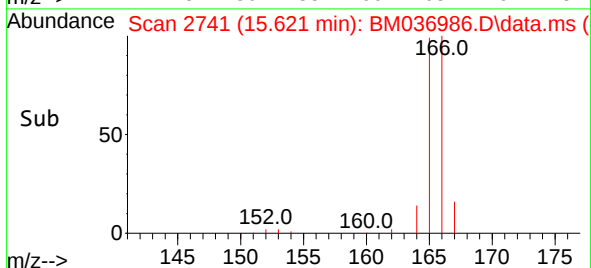
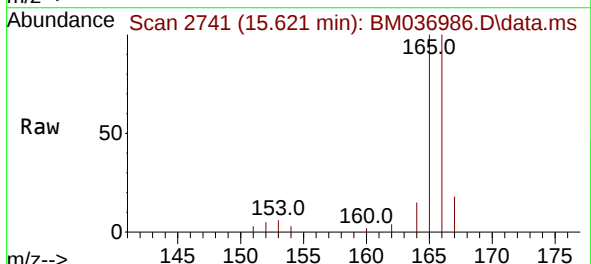


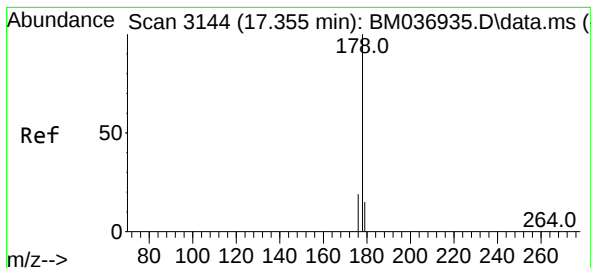
Tgt Ion:153 Resp: 7958
Ion Ratio Lower Upper
153 100
152 51.4 40.2 60.4
154 86.9 69.7 104.5



#12
Fluorene
Concen: 0.120 ng/ul
RT: 15.621 min Scan# 2741
Delta R.T. 0.001 min
Lab File: BM036986.D
Acq: 12 Oct 2022 16:30

Tgt Ion:166 Resp: 8925
Ion Ratio Lower Upper
166 100
165 100.2 78.9 118.3
167 17.9 11.3 16.9#





#15

Phenanthrene

Concen: 3.092 ng/u1

RT: 17.356 min Scan# 3144

Delta R.T. 0.001 min

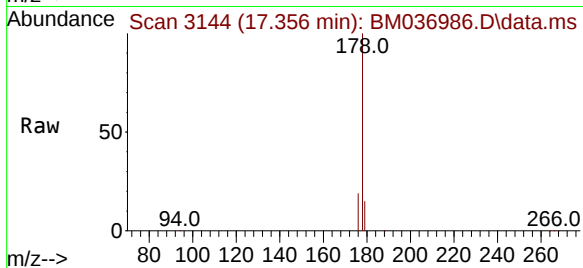
Lab File: BM036986.D

Acq: 12 Oct 2022 16:30

Instrument :

BNA_M

ClientSampleId :



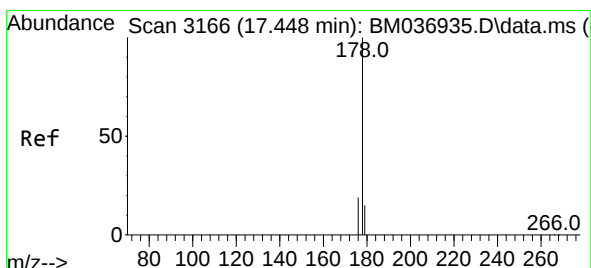
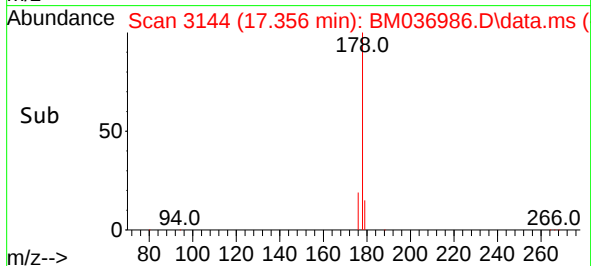
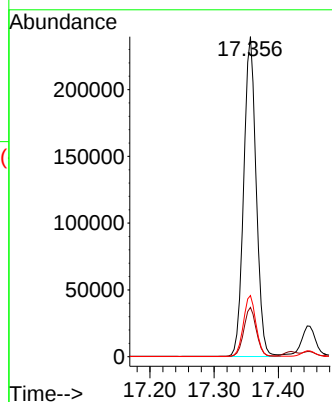
Tgt Ion:178 Resp: 323982

Ion Ratio Lower Upper

178 100

179 15.4 13.0 19.6

176 19.1 15.6 23.4



#16

Anthracene

Concen: 0.375 ng/u1

RT: 17.445 min Scan# 3165

Delta R.T. -0.003 min

Lab File: BM036986.D

Acq: 12 Oct 2022 16:30

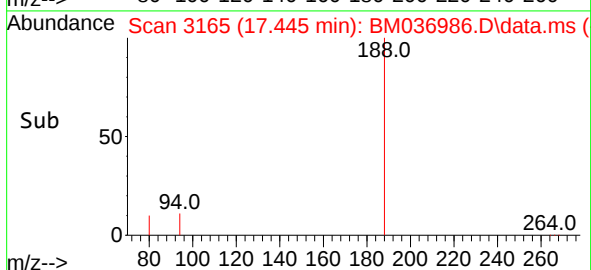
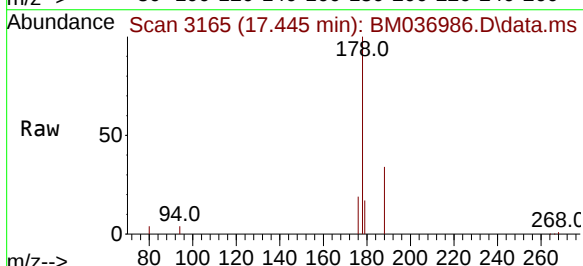
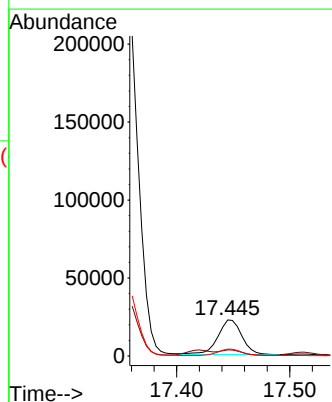
Tgt Ion:178 Resp: 32821

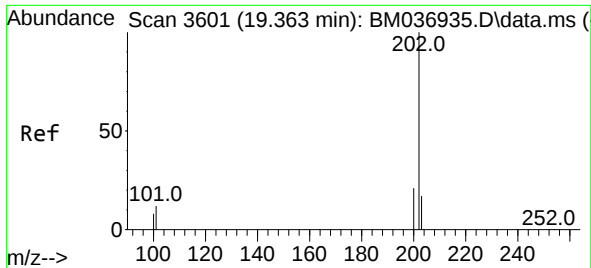
Ion Ratio Lower Upper

178 100

179 16.9 13.6 20.4

176 19.2 15.6 23.4

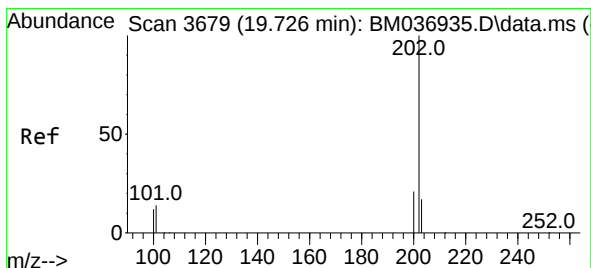
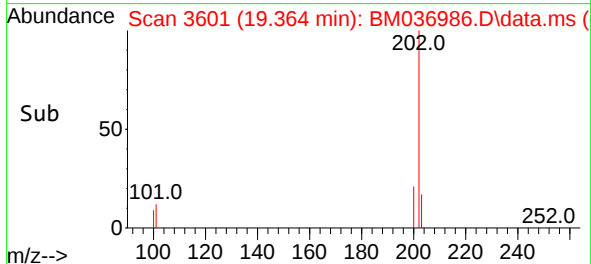
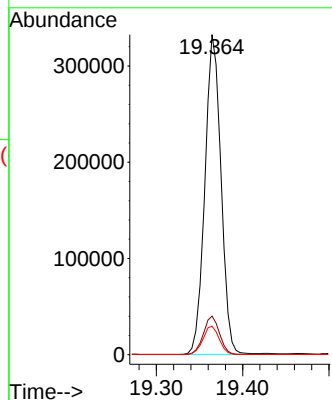
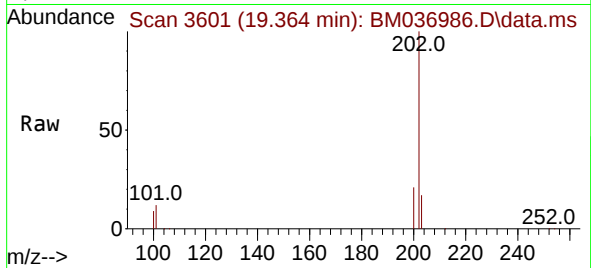




#19
Fluoranthene
Concen: 6.099 ng/u1
RT: 19.364 min Scan# 3601
Delta R.T. 0.001 min
Lab File: BM036986.D
Acq: 12 Oct 2022 16:30

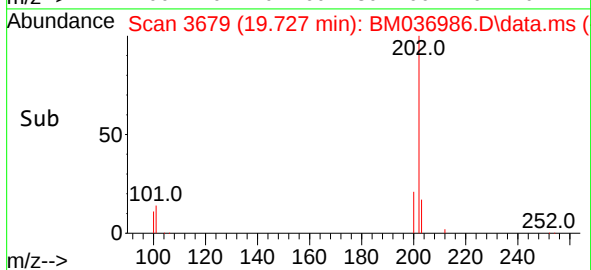
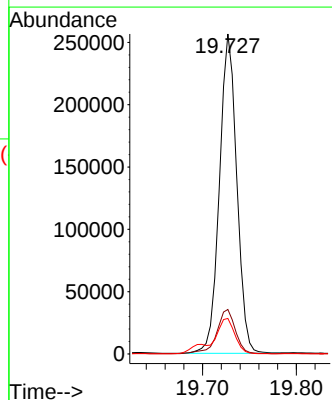
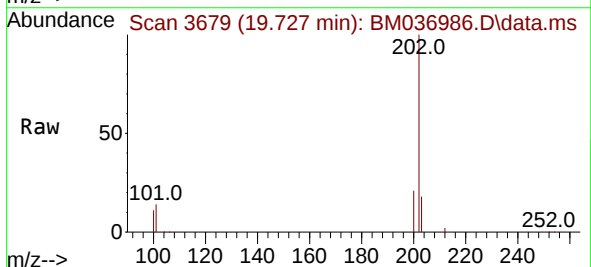
Instrument :
BNA_M
ClientSampleId :

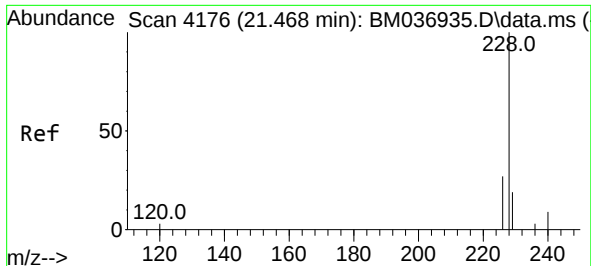
Tgt Ion:202 Resp: 432129
Ion Ratio Lower Upper
202 100
101 12.1 10.1 15.1
100 8.9 7.9 11.9



#20
Pyrene
Concen: 4.461 ng/u1
RT: 19.727 min Scan# 3679
Delta R.T. 0.001 min
Lab File: BM036986.D
Acq: 12 Oct 2022 16:30

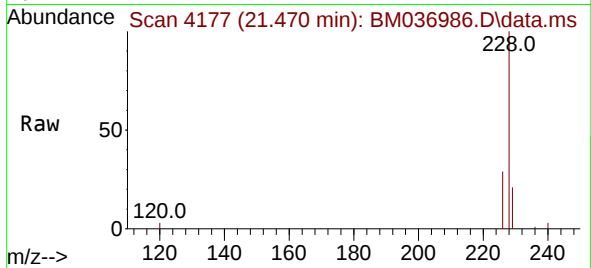
Tgt Ion:202 Resp: 329585
Ion Ratio Lower Upper
202 100
101 13.9 12.0 18.0
100 11.1 9.8 14.6



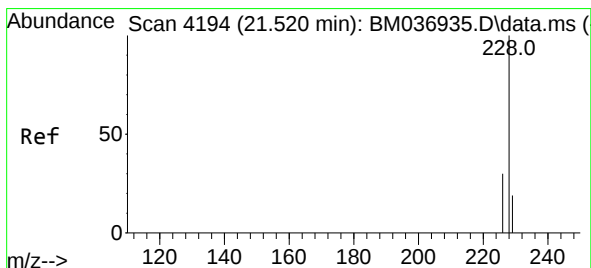
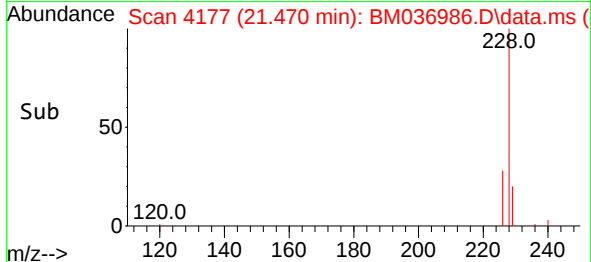
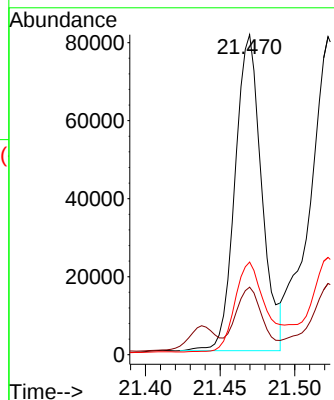


#21
Benzo(a)anthracene
Concen: 1.565 ng/ul
RT: 21.470 min Scan# 4177
Delta R.T. 0.002 min
Lab File: BM036986.D
Acq: 12 Oct 2022 16:30

Instrument :
BNA_M
ClientSampleId :

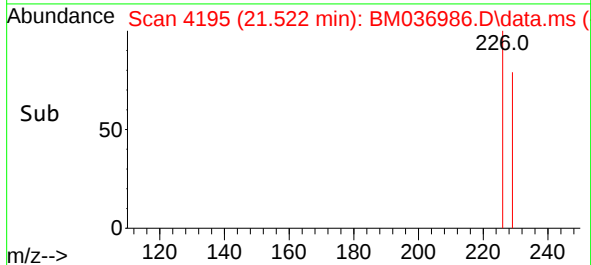
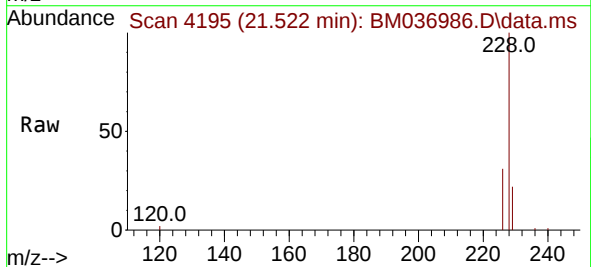
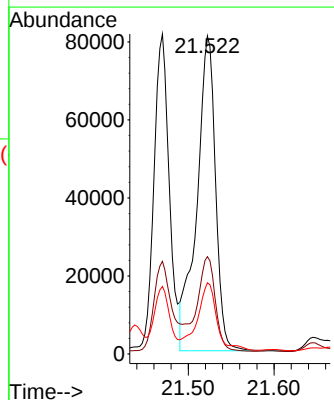


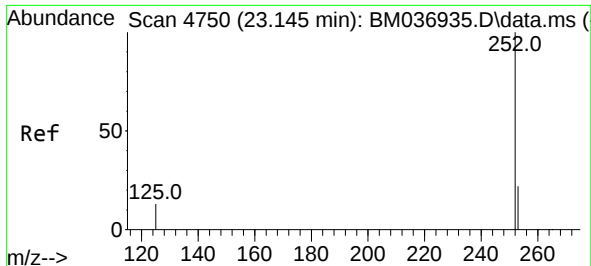
Tgt Ion:228 Resp: 100707
Ion Ratio Lower Upper
228 100
229 21.1 16.2 24.2
226 29.0 22.5 33.7



#22
Chrysene
Concen: 1.772 ng/ul
RT: 21.522 min Scan# 4195
Delta R.T. 0.002 min
Lab File: BM036986.D
Acq: 12 Oct 2022 16:30

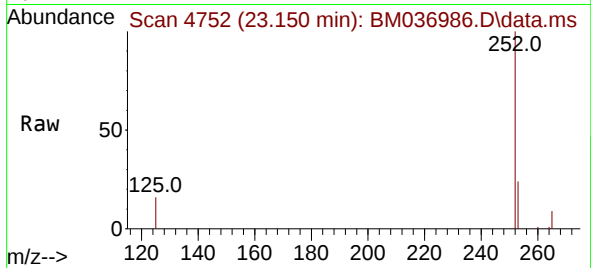
Tgt Ion:228 Resp: 122421
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 22.4 16.4 24.6



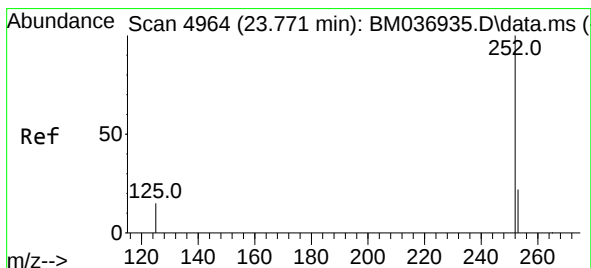
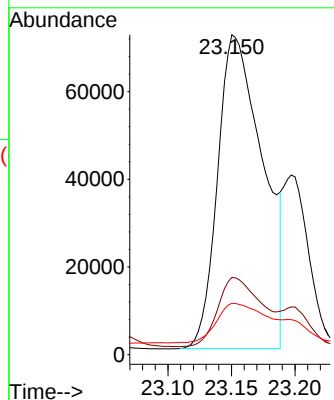


#24
Benzo(b)fluoranthene
Concen: 2.368 ng/ul
RT: 23.150 min Scan# 4752
Delta R.T. 0.005 min
Lab File: BM036986.D
Acq: 12 Oct 2022 16:30

Instrument :
BNA_M
ClientSampleId :

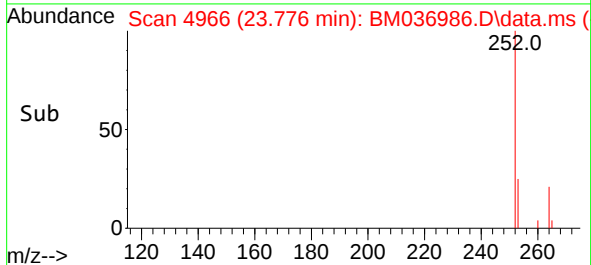
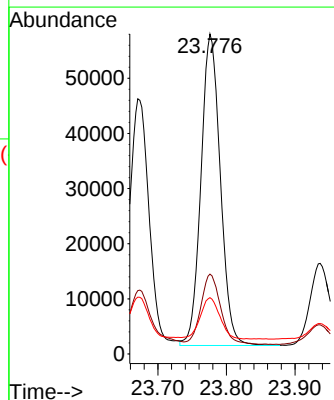
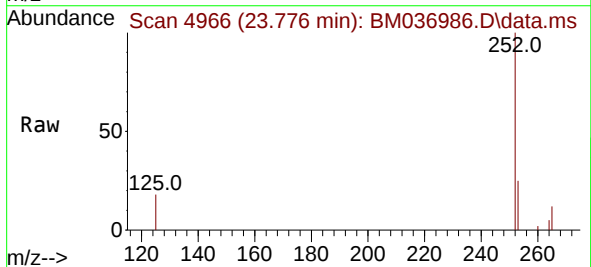


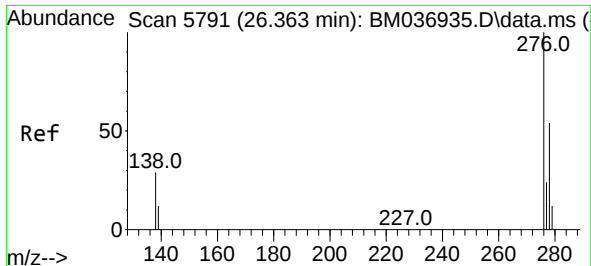
Tgt Ion:252 Resp: 177050
Ion Ratio Lower Upper
252 100
253 24.2 0.0 61.4
125 16.0 0.0 42.6



#26
Benzo(a)pyrene
Concen: 1.829 ng/ul
RT: 23.776 min Scan# 4966
Delta R.T. 0.005 min
Lab File: BM036986.D
Acq: 12 Oct 2022 16:30

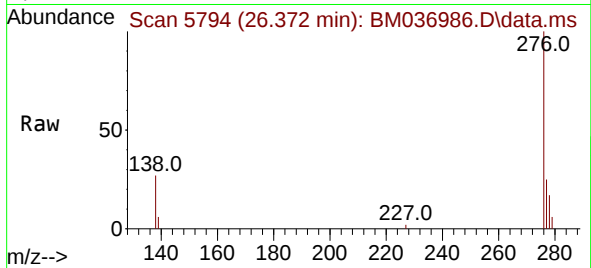
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Ion Ratio Lower Upper
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253 24.9 29.7 44.5#
125 17.6 23.6 35.4#



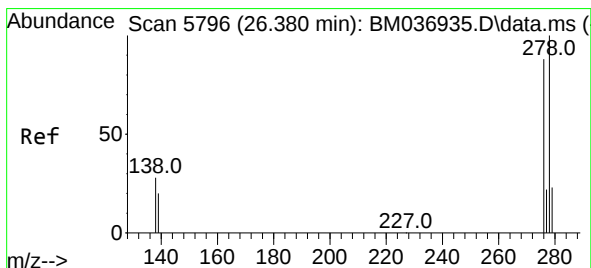
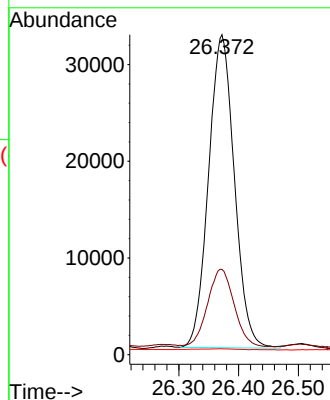
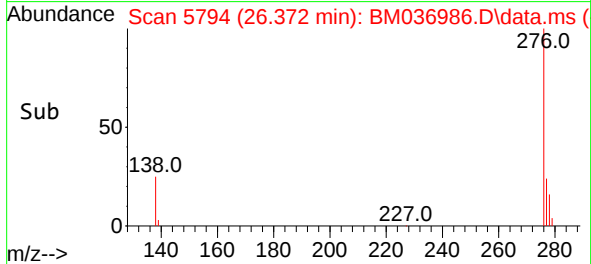


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.129 ng/ul
 RT: 26.372 min Scan# 5794
 Delta R.T. 0.009 min
 Lab File: BM036986.D
 Acq: 12 Oct 2022 16:30

Instrument :
 BNA_M
 ClientSampleId :

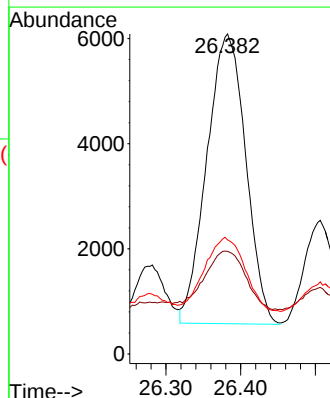
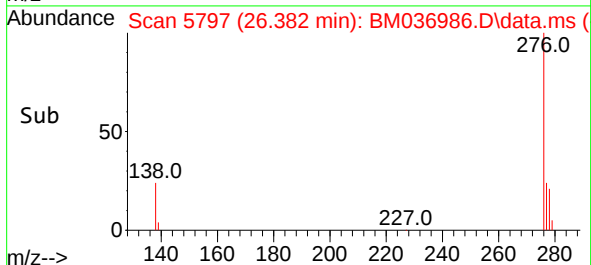
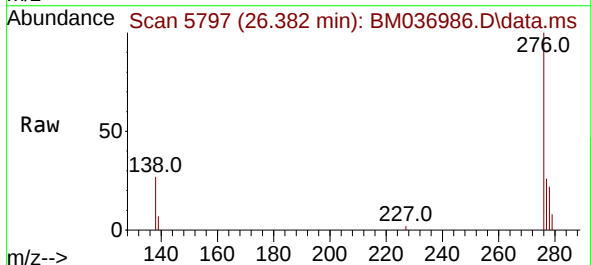


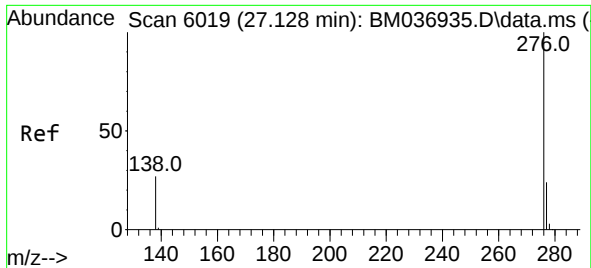
Tgt Ion:276 Resp: 97027
 Ion Ratio Lower Upper
 276 100
 138 25.5 23.9 35.9
 227 0.4 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.288 ng/ul
 RT: 26.382 min Scan# 5797
 Delta R.T. 0.003 min
 Lab File: BM036986.D
 Acq: 12 Oct 2022 16:30

Tgt Ion:278 Resp: 19968
 Ion Ratio Lower Upper
 278 100
 139 32.0 19.8 29.6#
 279 35.7 27.7 41.5





#29

Benzo(g,h,i)perylene

Concen: 1.225 ng/ul

RT: 27.144 min Scan# 60

Delta R.T. 0.016 min

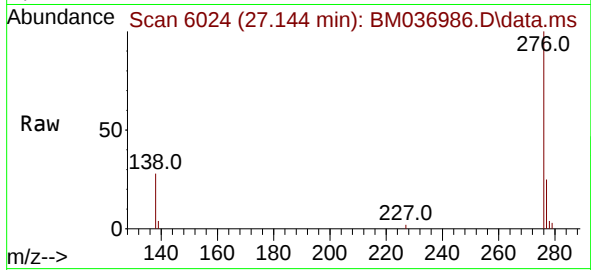
Lab File: BM036986.D

Acq: 12 Oct 2022 16:30

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:276 Resp: 92785

Ion Ratio Lower Upper

276 100

138 28.0 23.4 35.0

277 25.0 21.0 31.4

