

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036980.D
 Acq On : 12 Oct 2022 12:49
 Operator : CG/JU
 Sample : N5024-06DL 5X
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 12 23:09:54 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)

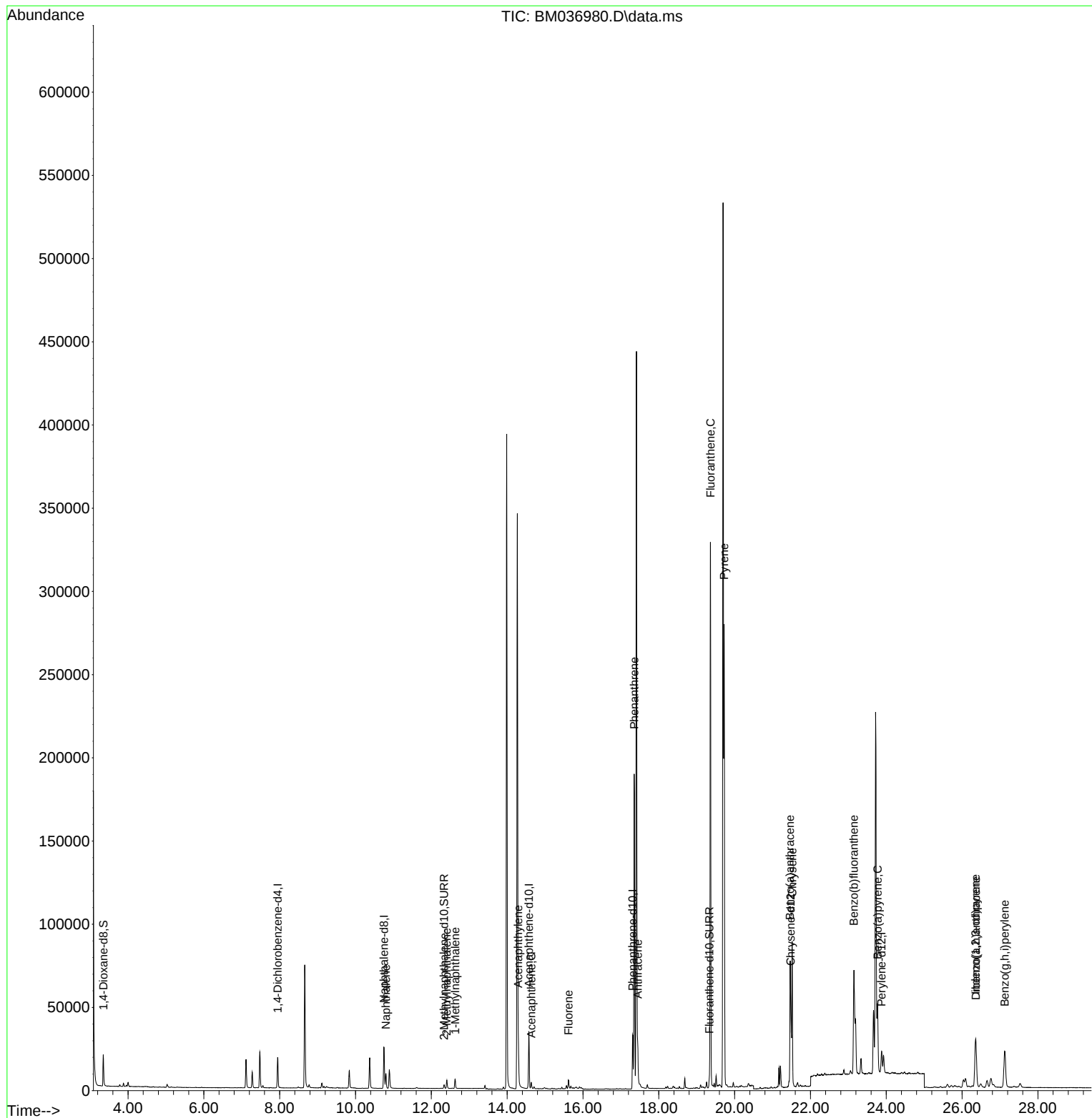
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	9443	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	34229	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.576	164	18843	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.314	188	37933	0.400	ng/ul	0.00
17) Chrysene-d12	21.481	240	24205	0.400	ng/ul	0.00
23) Perylene-d12	23.878	264	18350	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	12383	0.930	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	3108	0.060	ng/ul	0.00
18) Fluoranthene-d10	19.332	212	5706	0.079	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	12265	0.125	ng/ul	98
7) 2-Methylnaphthalene	12.409	142	3823	0.064	ng/ul	92
8) 1-Methylnaphthalene	12.629	142	4131	0.068	ng/ul	98
10) Acenaphthylene	14.294	152	26388	0.337	ng/ul	99
11) Acenaphthene	14.636	153	2225	0.033	ng/ul	98
12) Fluorene	15.617	166	3544	0.046	ng/ul#	98
15) Phenanthrene	17.352	178	196241	1.621	ng/ul	99
16) Anthracene	17.445	178	22441	0.222	ng/ul	99
19) Fluoranthene	19.364	202	279011	2.898	ng/ul	96
20) Pyrene	19.722	202	222705	2.218	ng/ul	99
21) Benzo(a)anthracene	21.464	228	61035	0.698	ng/ul	99
22) Chrysene	21.519	228	88415	0.942	ng/ul	98
24) Benzo(b)fluoranthene	23.147	252	112511	1.372	ng/ul	89
26) Benzo(a)pyrene	23.770	252	57300	0.862	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.359	276	51817	0.550	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.369	278	11427	0.150	ng/ul#	94
29) Benzo(g,h,i)perylene	27.123	276	49357	0.594	ng/ul	97

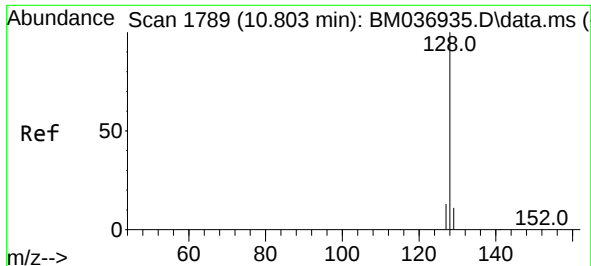
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_M
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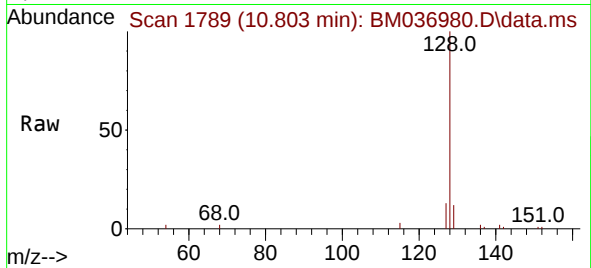
Quant Time: Oct 12 23:09:54 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
Response via : Initial Calibration



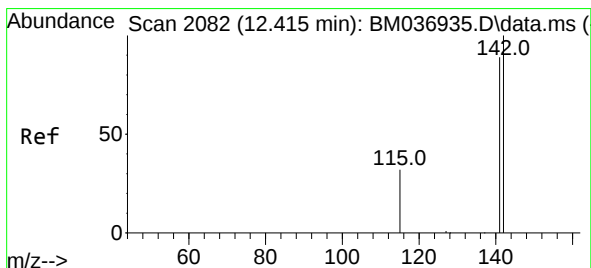
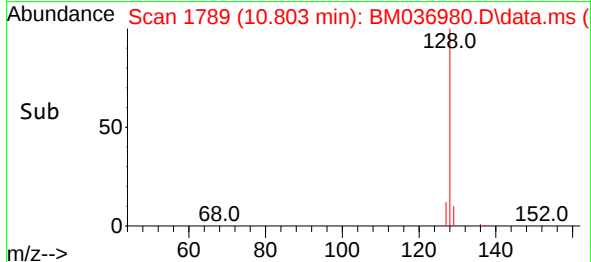
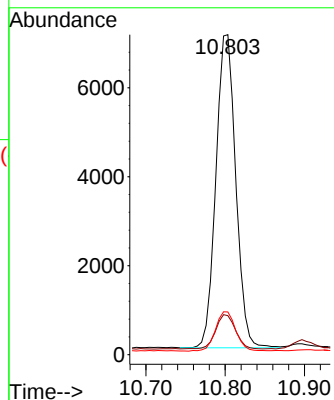


#5
Naphthalene
Concen: 0.125 ng/ul
RT: 10.803 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BM036980.D
Acq: 12 Oct 2022 12:49

Instrument :
BNA_M
ClientSampleId :

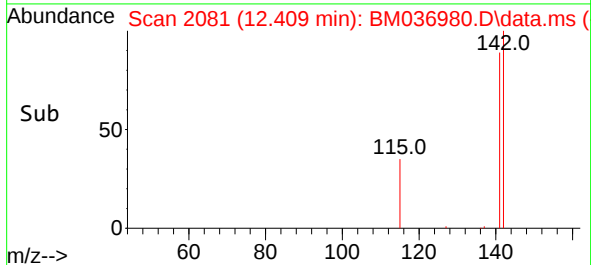
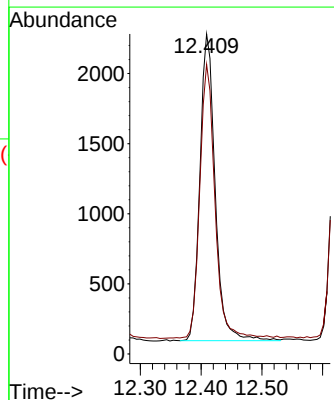
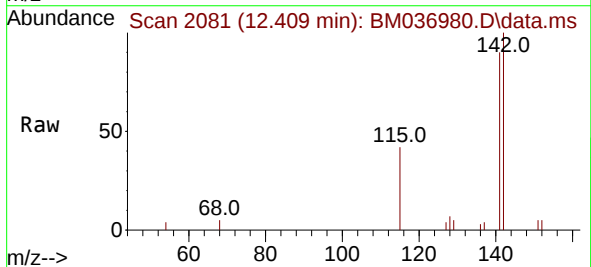


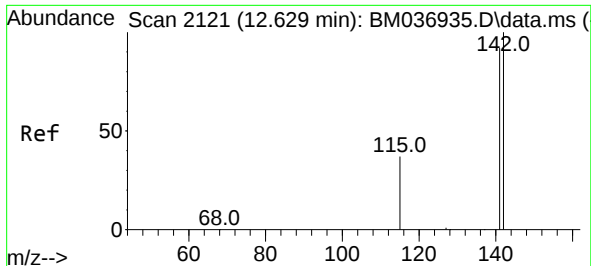
Tgt Ion:128 Resp: 12265
Ion Ratio Lower Upper
128 100
129 12.2 10.2 15.2
127 13.3 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BM036980.D
Acq: 12 Oct 2022 12:49

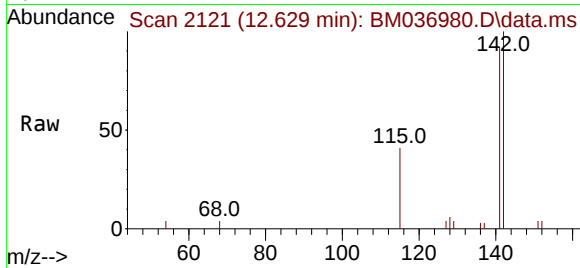
Tgt Ion:142 Resp: 3823
Ion Ratio Lower Upper
142 100
141 89.1 77.4 116.0



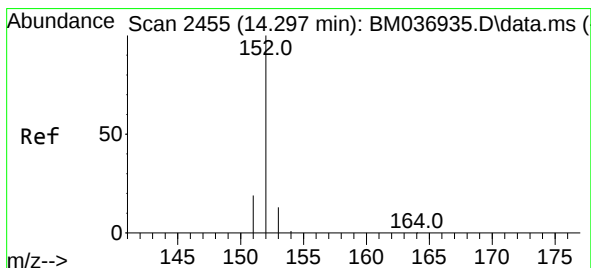
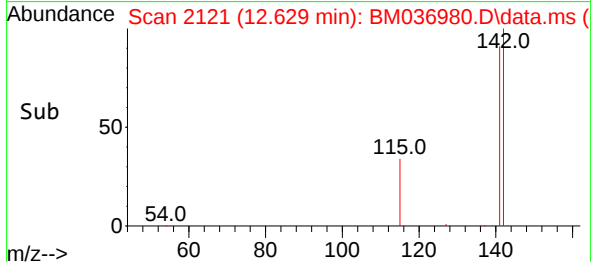
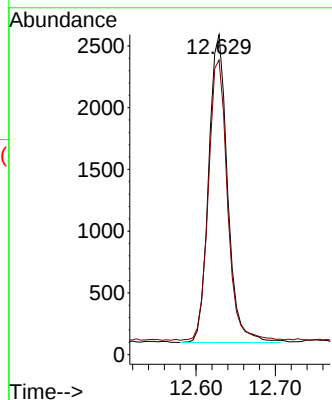


#8
1-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM036980.D
Acq: 12 Oct 2022 12:49

Instrument :
BNA_M
ClientSampleId :

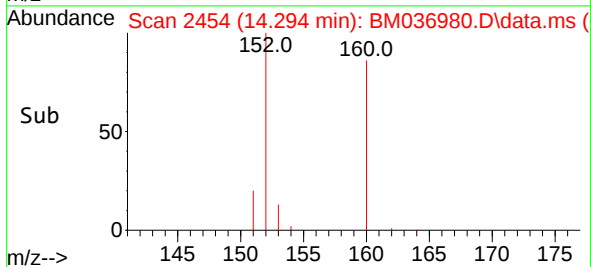
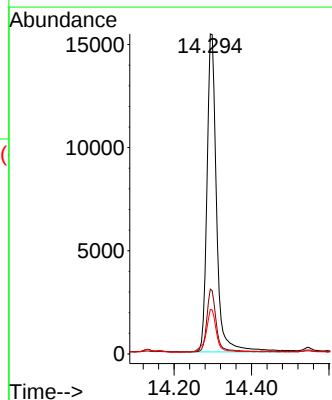
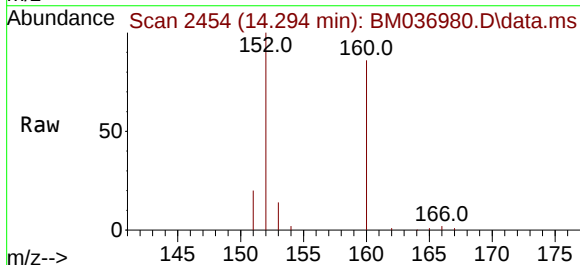


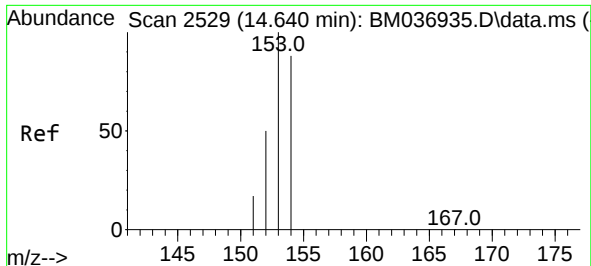
Tgt Ion:142 Resp: 4131
Ion Ratio Lower Upper
142 100
141 90.9 74.1 111.1



#10
Acenaphthylene
Concen: 0.337 ng/ul
RT: 14.294 min Scan# 2454
Delta R.T. -0.004 min
Lab File: BM036980.D
Acq: 12 Oct 2022 12:49

Tgt Ion:152 Resp: 26388
Ion Ratio Lower Upper
152 100
151 20.3 16.6 24.8
153 13.9 11.4 17.0

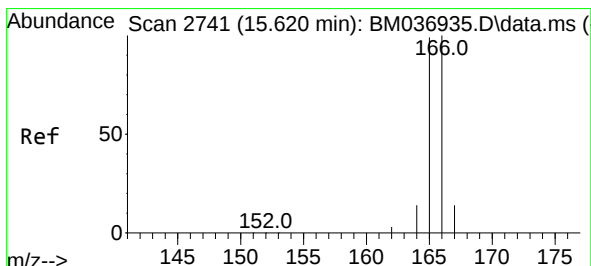
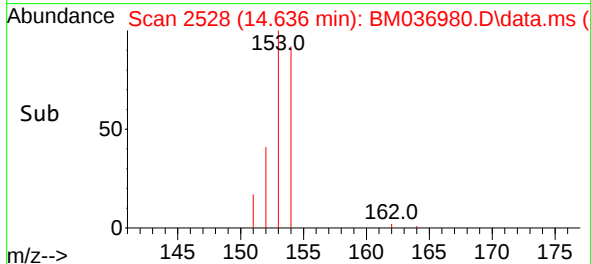
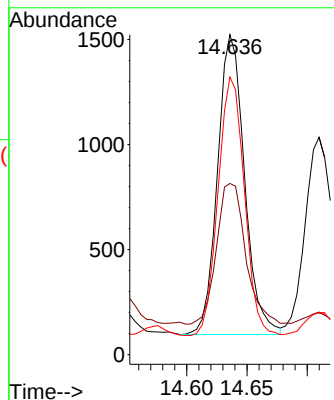
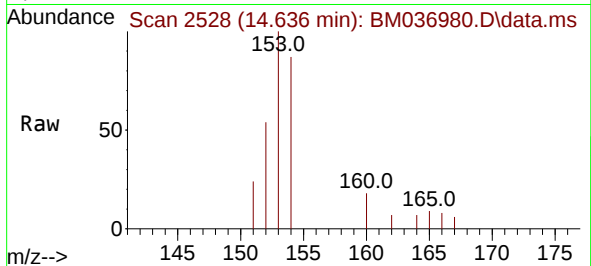




#11
Acenaphthene
Concen: 0.033 ng/ul
RT: 14.636 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM036980.D
Acq: 12 Oct 2022 12:49

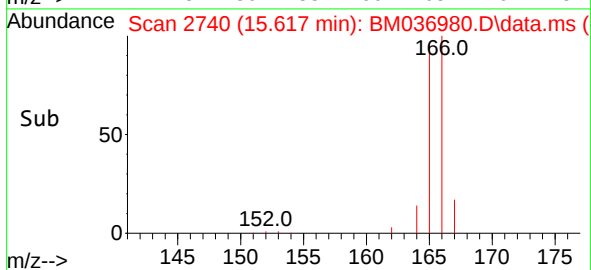
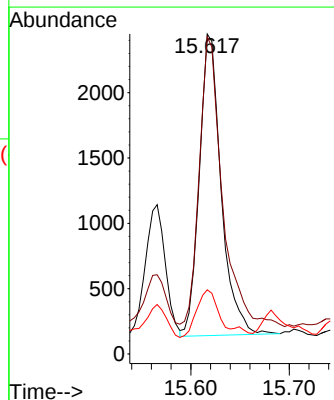
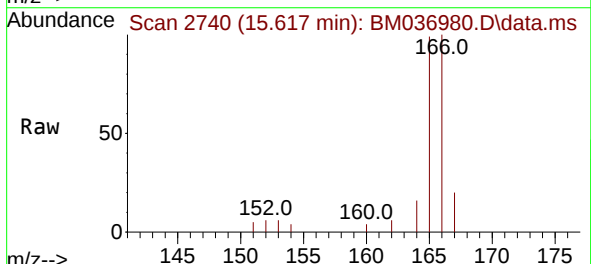
Instrument :
BNA_M
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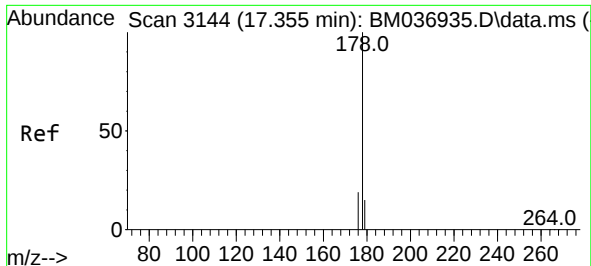
Tgt Ion:153 Resp: 2225
Ion Ratio Lower Upper
153 100
152 53.5 40.2 60.4
154 86.7 69.7 104.5



#12
Fluorene
Concen: 0.046 ng/ul
RT: 15.617 min Scan# 2740
Delta R.T. -0.004 min
Lab File: BM036980.D
Acq: 12 Oct 2022 12:49

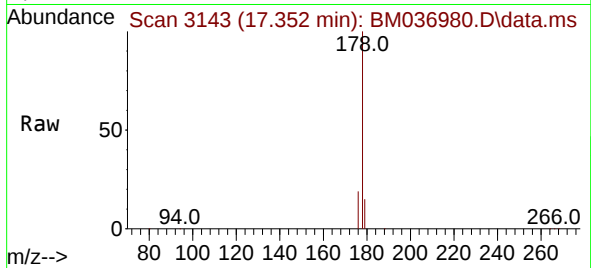
Tgt Ion:166 Resp: 3544
Ion Ratio Lower Upper
166 100
165 99.1 78.9 118.3
167 20.1 11.3 16.9#



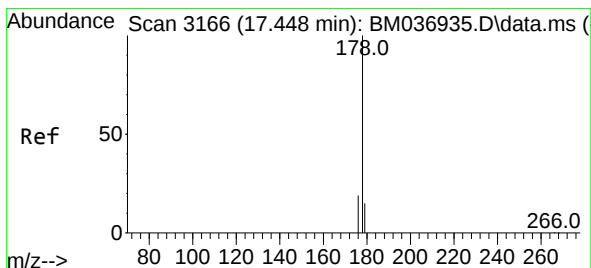
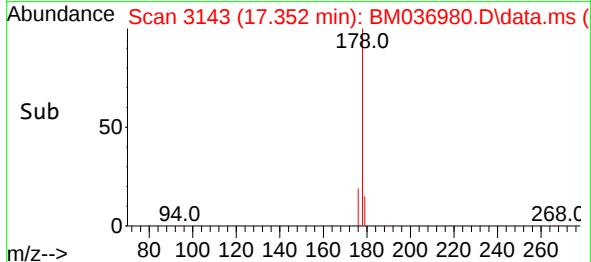
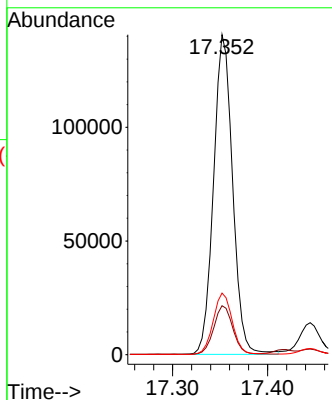


#15
Phenanthrene
Concen: 1.621 ng/ul
RT: 17.352 min Scan# 3144
Delta R.T. -0.003 min
Lab File: BM036980.D
Acq: 12 Oct 2022 12:49

Instrument :
BNA_M
ClientSampleId :

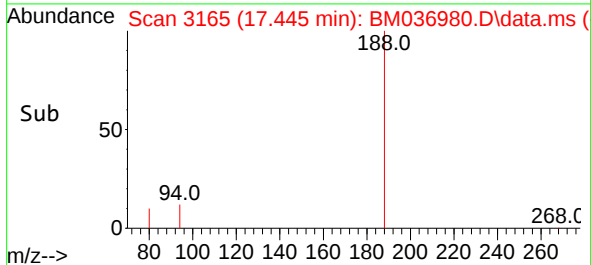
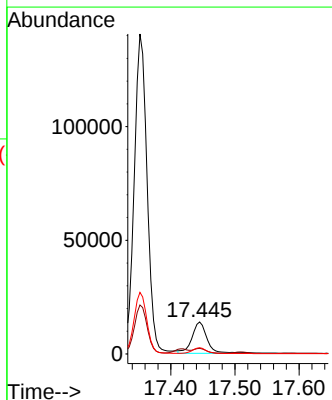
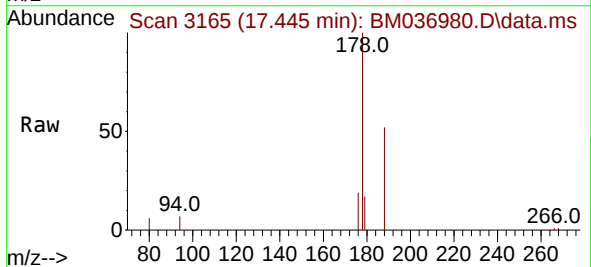


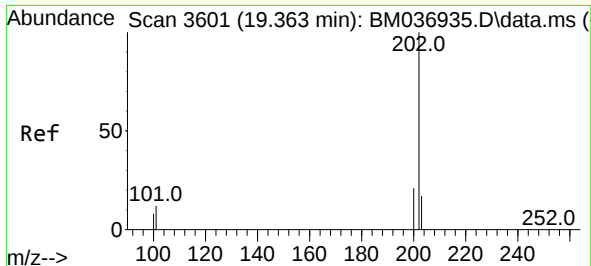
Tgt Ion:178 Resp: 196241
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.6
176 19.3 15.6 23.4



#16
Anthracene
Concen: 0.222 ng/ul
RT: 17.445 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BM036980.D
Acq: 12 Oct 2022 12:49

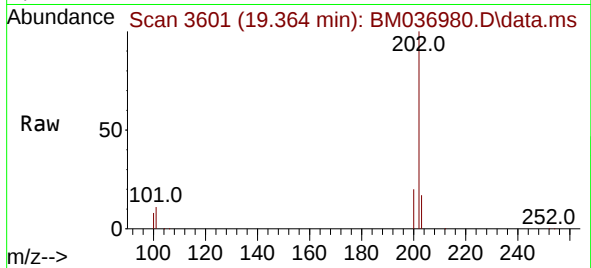
Tgt Ion:178 Resp: 22441
Ion Ratio Lower Upper
178 100
179 17.3 13.6 20.4
176 19.3 15.6 23.4



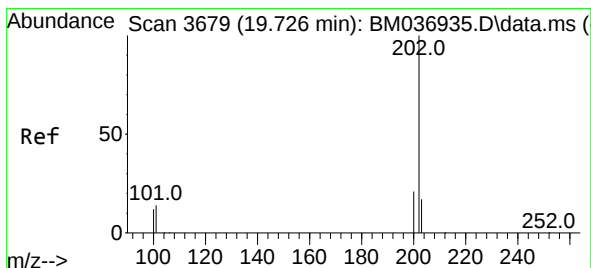
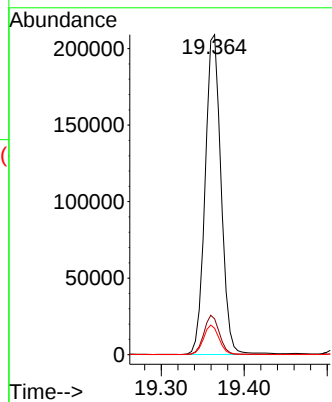
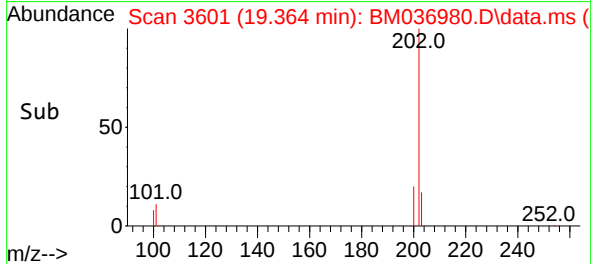


#19
Fluoranthene
Concen: 2.898 ng/u1
RT: 19.364 min Scan# 3601
Delta R.T. 0.001 min
Lab File: BM036980.D
Acq: 12 Oct 2022 12:49

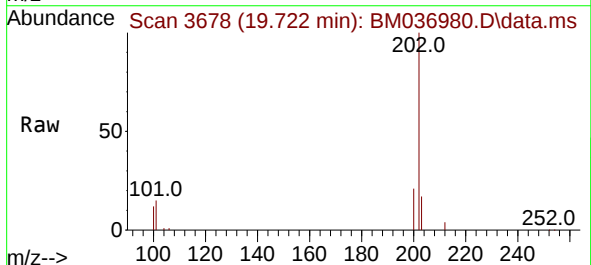
Instrument :
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ClientSampleId :



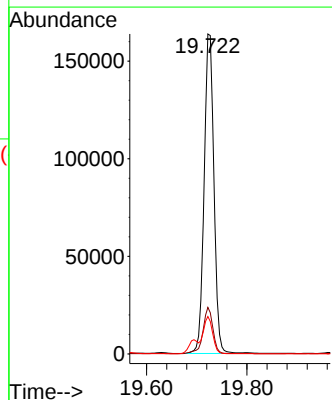
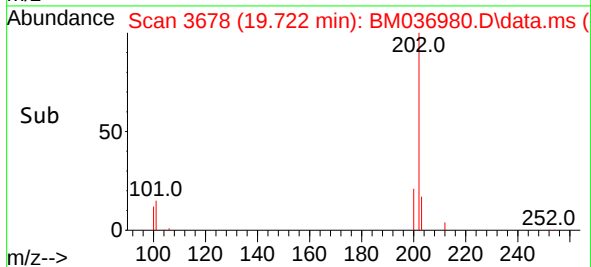
Tgt Ion:202 Resp: 279011
Ion Ratio Lower Upper
202 100
101 11.2 10.1 15.1
100 8.2 7.9 11.9

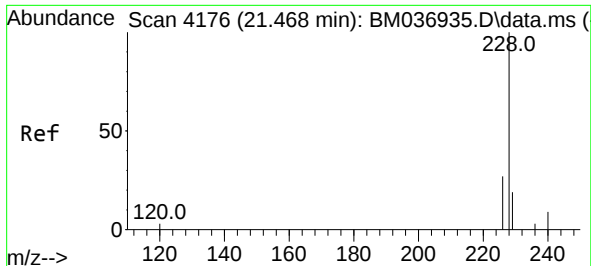


#20
Pyrene
Concen: 2.218 ng/u1
RT: 19.722 min Scan# 3678
Delta R.T. -0.004 min
Lab File: BM036980.D
Acq: 12 Oct 2022 12:49



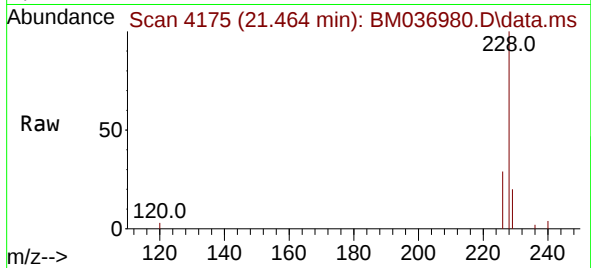
Tgt Ion:202 Resp: 222705
Ion Ratio Lower Upper
202 100
101 14.6 12.0 18.0
100 11.7 9.8 14.6



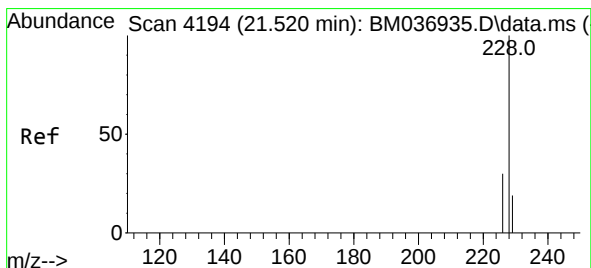
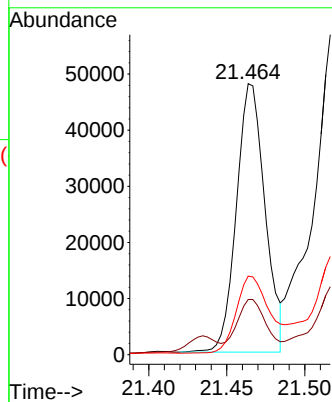
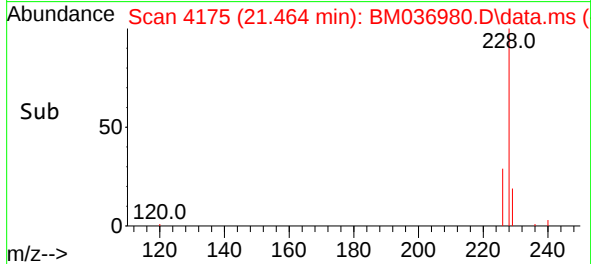


#21
Benzo(a)anthracene
Concen: 0.698 ng/ul
RT: 21.464 min Scan# 4175
Delta R.T. -0.004 min
Lab File: BM036980.D
Acq: 12 Oct 2022 12:49

Instrument :
BNA_M
ClientSampleId :

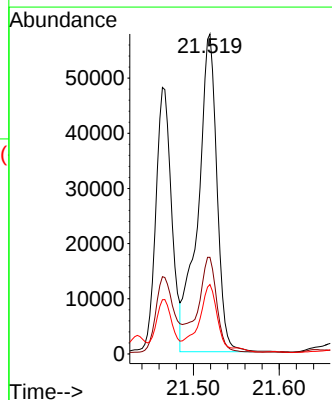
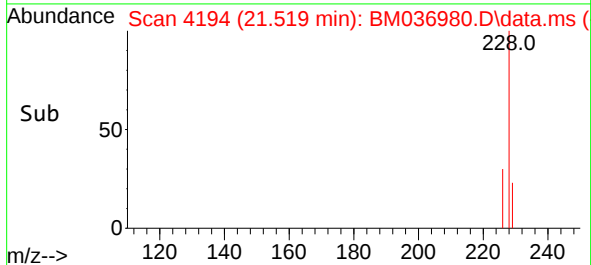
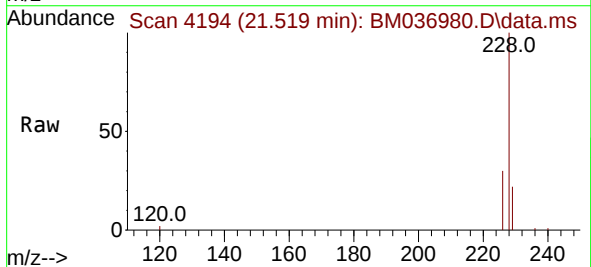


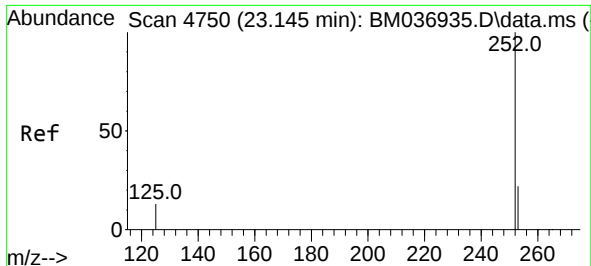
Tgt Ion:228 Resp: 61035
Ion Ratio Lower Upper
228 100
229 20.4 16.2 24.2
226 29.0 22.5 33.7



#22
Chrysene
Concen: 0.942 ng/ul
RT: 21.519 min Scan# 4194
Delta R.T. -0.001 min
Lab File: BM036980.D
Acq: 12 Oct 2022 12:49

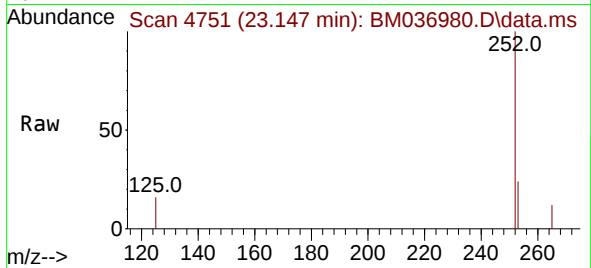
Tgt Ion:228 Resp: 88415
Ion Ratio Lower Upper
228 100
226 30.2 24.6 37.0
229 21.7 16.4 24.6



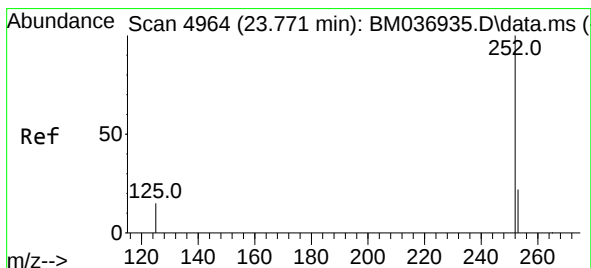
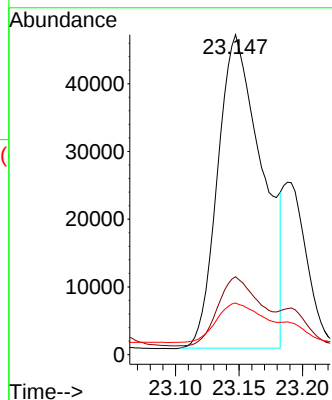


#24
Benzo(b)fluoranthene
Concen: 1.372 ng/ul
RT: 23.147 min Scan# 4750
Delta R.T. 0.002 min
Lab File: BM036980.D
Acq: 12 Oct 2022 12:49

Instrument :
BNA_M
ClientSampleId :

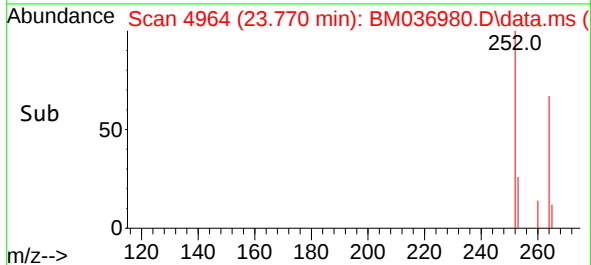
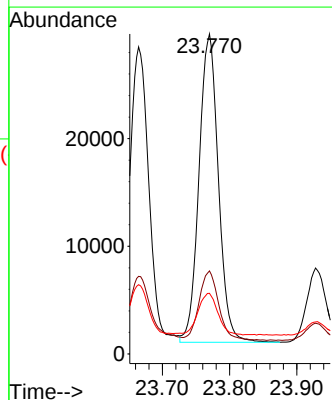
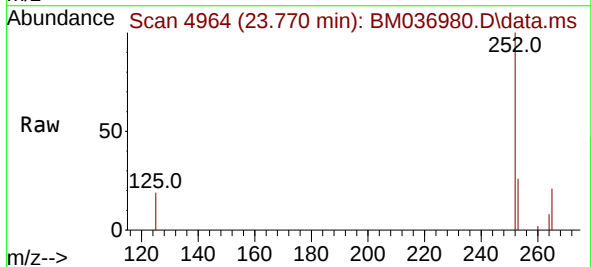


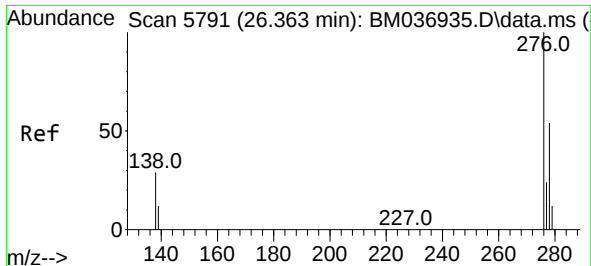
Tgt Ion:252 Resp: 112511
Ion Ratio Lower Upper
252 100
253 24.3 0.0 61.4
125 16.1 0.0 42.6



#26
Benzo(a)pyrene
Concen: 0.862 ng/ul
RT: 23.770 min Scan# 4964
Delta R.T. -0.001 min
Lab File: BM036980.D
Acq: 12 Oct 2022 12:49

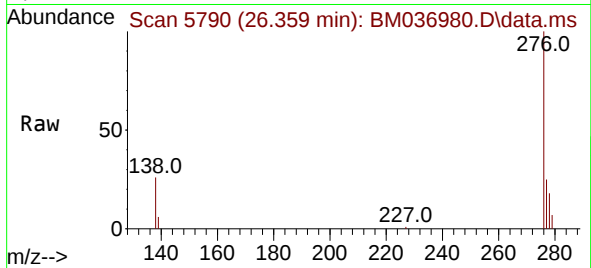
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Ion Ratio Lower Upper
252 100
253 26.0 29.7 44.5#
125 18.9 23.6 35.4#



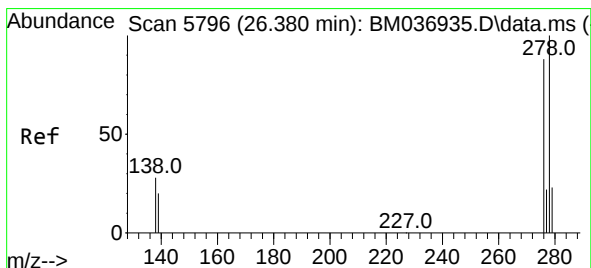
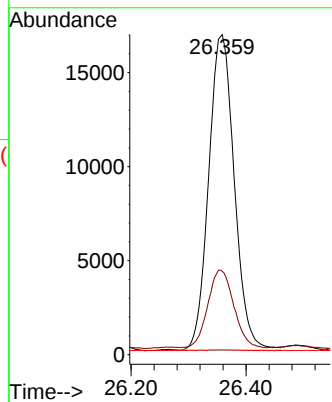
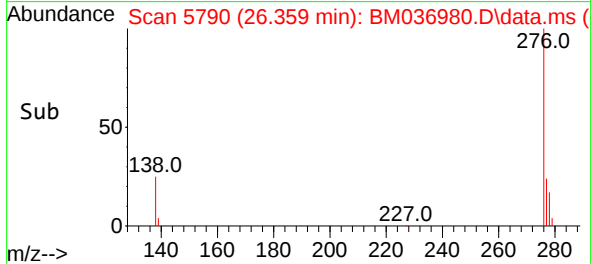


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.550 ng/ul
 RT: 26.359 min Scan# 51
 Delta R.T. -0.004 min
 Lab File: BM036980.D
 Acq: 12 Oct 2022 12:49

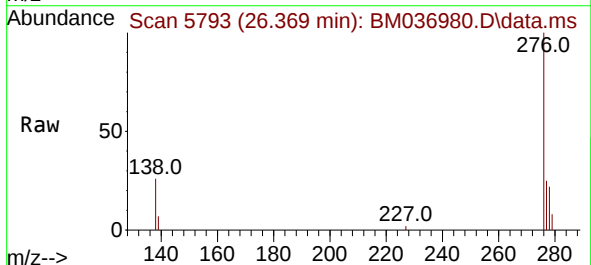
Instrument :
 BNA_M
 ClientSampleId :



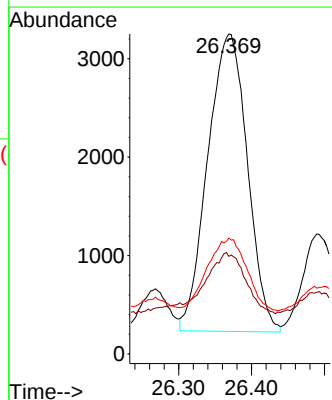
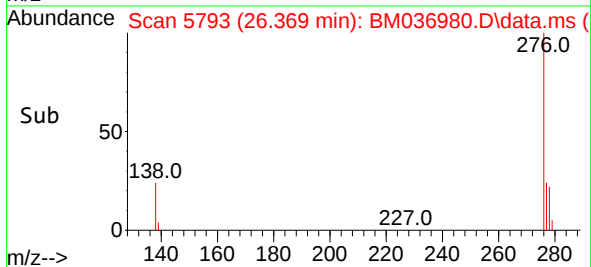
Tgt Ion:276 Resp: 51817
 Ion Ratio Lower Upper
 276 100
 138 25.5 23.9 35.9
 227 0.2 0.1 0.1#

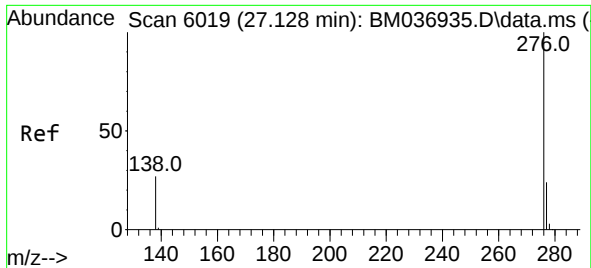


#28
 Dibenzo(a,h)anthracene
 Concen: 0.150 ng/ul
 RT: 26.369 min Scan# 5793
 Delta R.T. -0.011 min
 Lab File: BM036980.D
 Acq: 12 Oct 2022 12:49



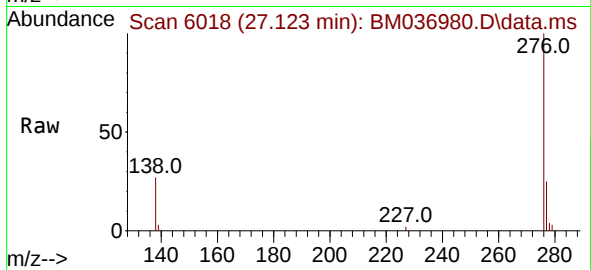
Tgt Ion:278 Resp: 11427
 Ion Ratio Lower Upper
 278 100
 139 30.5 19.8 29.6#
 279 36.2 27.7 41.5





#29
 Benzo(g,h,i)perylene
 Concen: 0.594 ng/ul
 RT: 27.123 min Scan# 6018
 Delta R.T. -0.004 min
 Lab File: BM036980.D
 Acq: 12 Oct 2022 12:49

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:	276	Resp:	49357
Ion	Ratio	Lower	Upper
276	100		
138	27.2	23.4	35.0
277	24.7	21.0	31.4

