

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036984.D
 Acq On : 12 Oct 2022 15:17
 Operator : CG/JU
 Sample : N5024-10DL 5X
 Misc :
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 12 23:11:00 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)

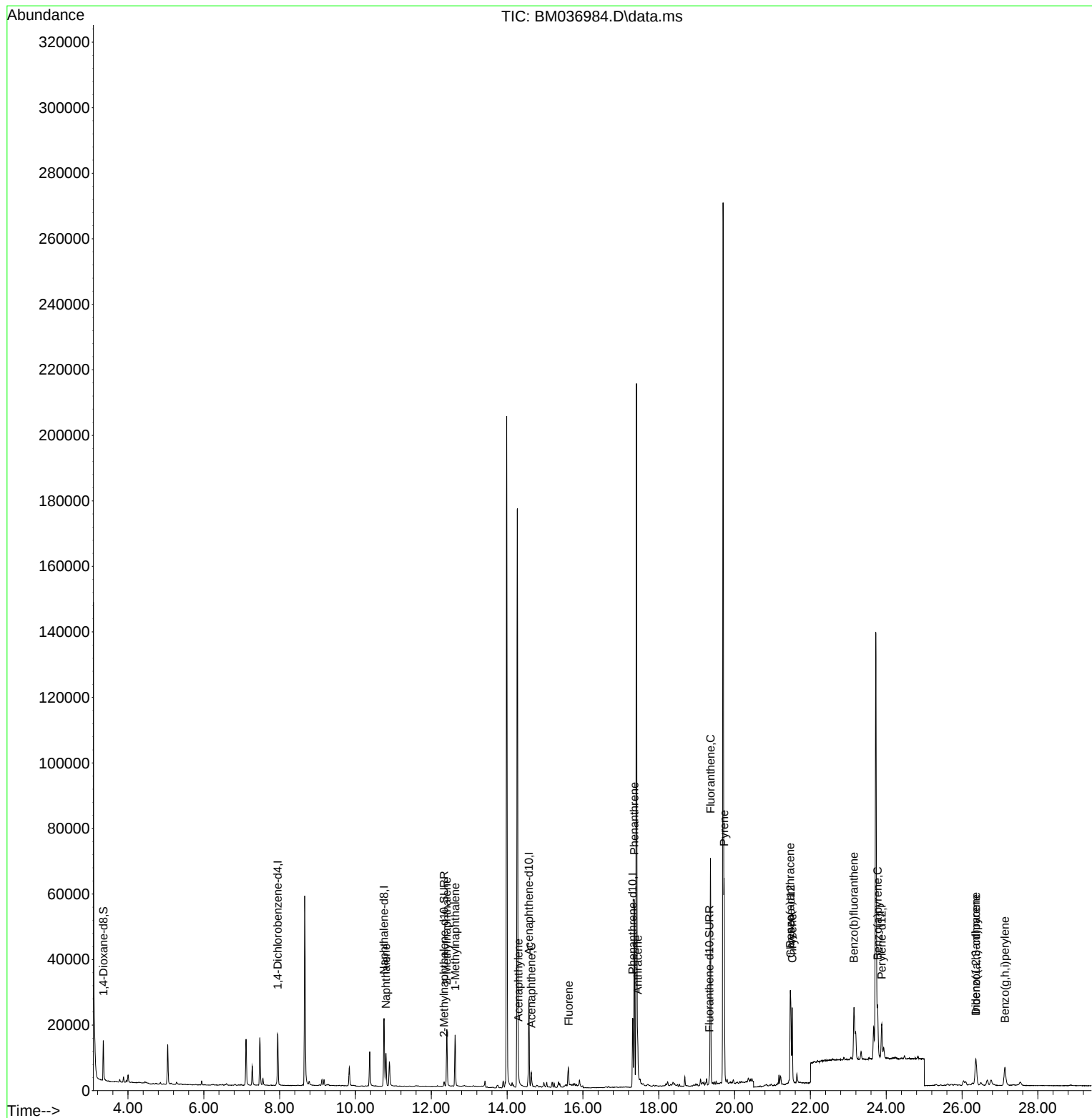
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	7966	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	28060	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.576	164	14655	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.314	188	25494	0.400	ng/ul	0.00
17) Chrysene-d12	21.481	240	16043	0.400	ng/ul	0.00
23) Perylene-d12	23.881	264	14230	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	7821	0.696	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	1905	0.045	ng/ul	0.00
18) Fluoranthene-d10	19.332	212	2768	0.058	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	13610	0.170	ng/ul	98
7) 2-Methylnaphthalene	12.409	142	13167	0.268	ng/ul	92
8) 1-Methylnaphthalene	12.629	142	10901	0.219	ng/ul	99
10) Acenaphthylene	14.298	152	2338	0.038	ng/ul#	74
11) Acenaphthene	14.636	153	2722	0.051	ng/ul	97
12) Fluorene	15.621	166	2953	0.049	ng/ul#	94
15) Phenanthrene	17.352	178	61431	0.755	ng/ul	99
16) Anthracene	17.445	178	7770	0.114	ng/ul	97
19) Fluoranthene	19.364	202	57686	0.904	ng/ul	97
20) Pyrene	19.727	202	49527	0.744	ng/ul	96
21) Benzo(a)anthracene	21.467	228	21657	0.374	ng/ul	97
22) Chrysene	21.519	228	23453	0.377	ng/ul	98
24) Benzo(b)fluoranthene	23.147	252	29072	0.457	ng/ul	96
26) Benzo(a)pyrene	23.770	252	19010	0.369	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.362	276	13901	0.190	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.369	278	3529	0.060	ng/ul#	59
29) Benzo(g,h,i)perylene	27.130	276	12601	0.196	ng/ul	96

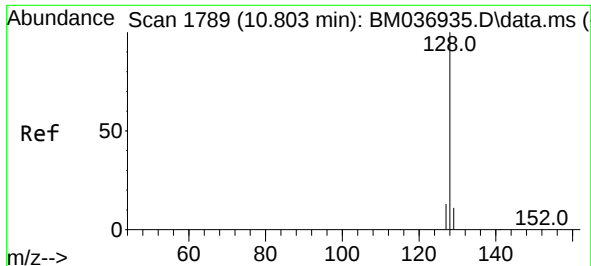
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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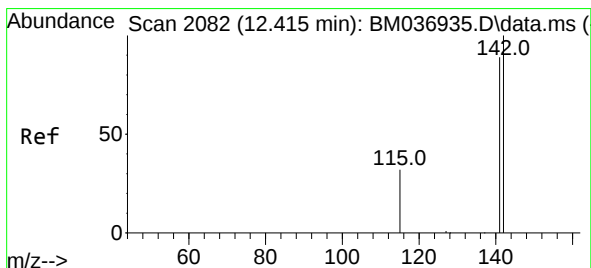
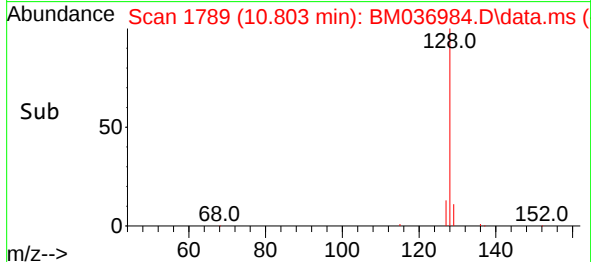
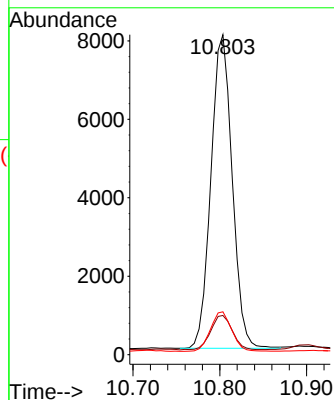
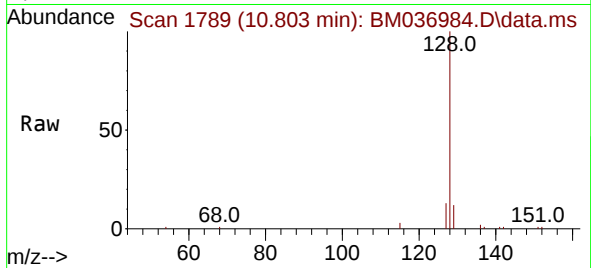




#5
Naphthalene
Concen: 0.170 ng/ul
RT: 10.803 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BM036984.D
Acq: 12 Oct 2022 15:17

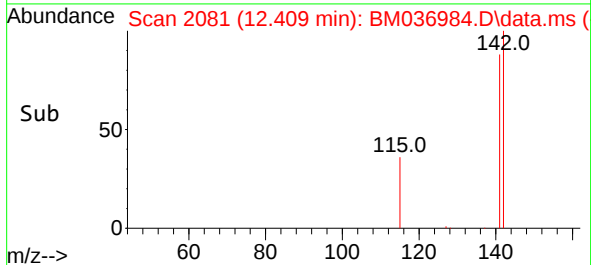
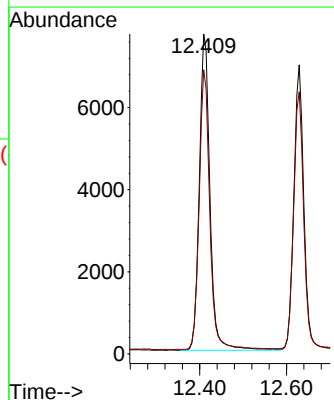
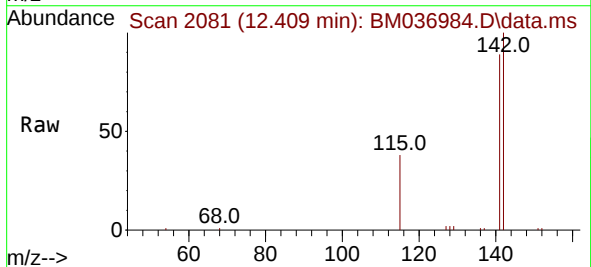
Instrument :
BNA_M
ClientSampleId :

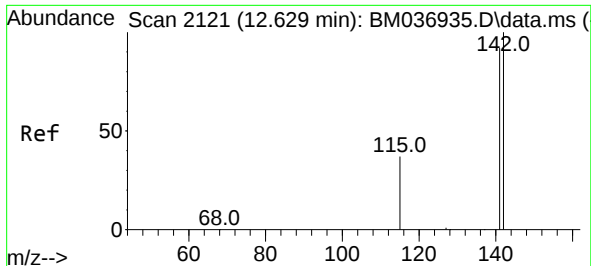
Tgt Ion:128 Resp: 13610
Ion Ratio Lower Upper
128 100
129 12.2 10.2 15.2
127 13.4 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.268 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BM036984.D
Acq: 12 Oct 2022 15:17

Tgt Ion:142 Resp: 13167
Ion Ratio Lower Upper
142 100
141 88.5 77.4 116.0

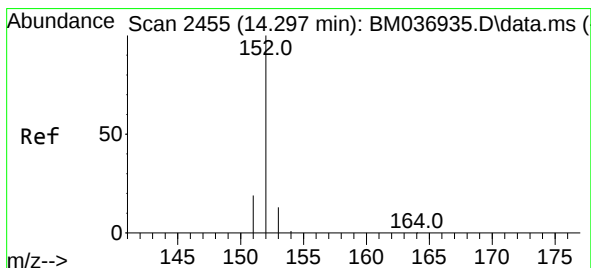
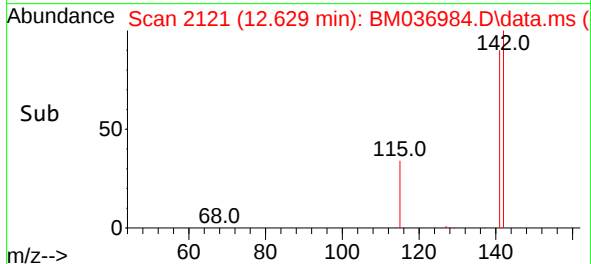
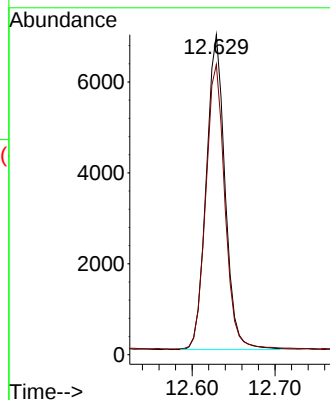
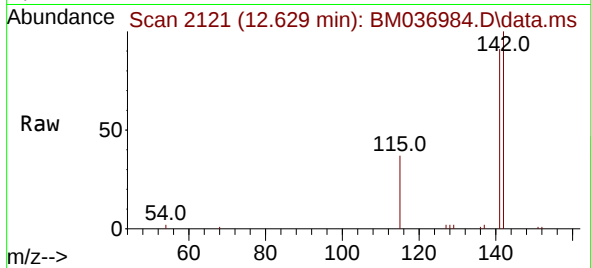




#8
1-Methylnaphthalene
Concen: 0.219 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM036984.D
Acq: 12 Oct 2022 15:17

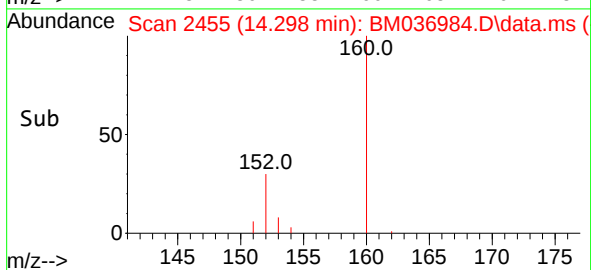
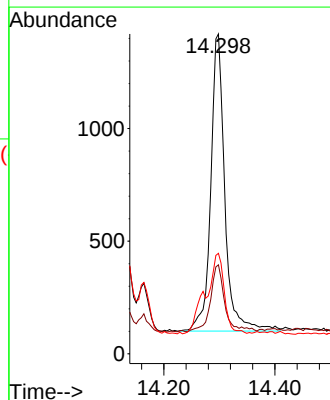
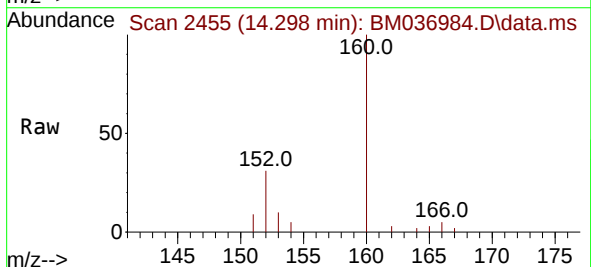
Instrument :
BNA_M
ClientSampleId :

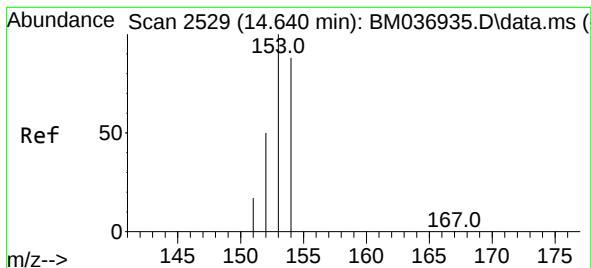
Tgt Ion:142 Resp: 10901
Ion Ratio Lower Upper
142 100
141 91.6 74.1 111.1



#10
Acenaphthylene
Concen: 0.038 ng/ul
RT: 14.298 min Scan# 2455
Delta R.T. 0.001 min
Lab File: BM036984.D
Acq: 12 Oct 2022 15:17

Tgt Ion:152 Resp: 2338
Ion Ratio Lower Upper
152 100
151 27.8 16.6 24.8#
153 31.4 11.4 17.0#





#11

Acenaphthene

Concen: 0.051 ng/u1

RT: 14.636 min Scan# 21

Delta R.T. -0.004 min

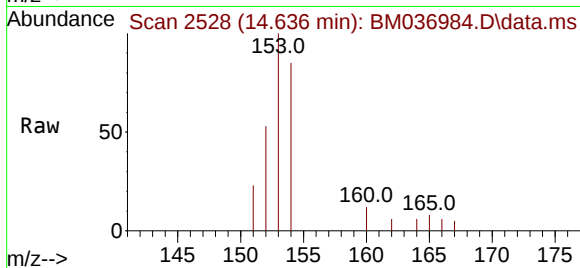
Lab File: BM036984.D

Acq: 12 Oct 2022 15:17

Instrument :

BNA_M

ClientSampleId :



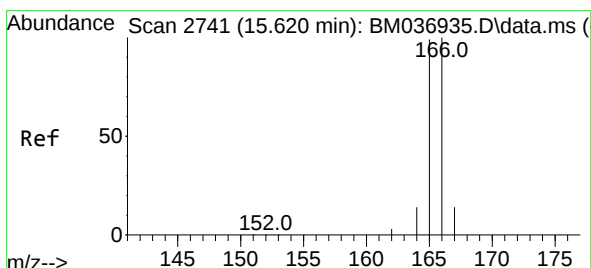
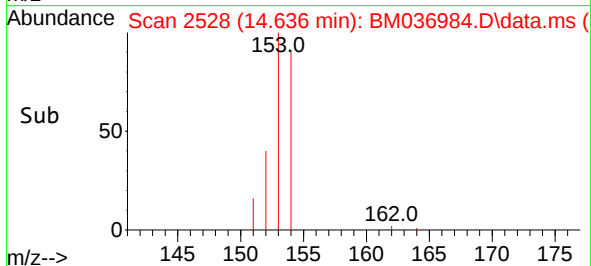
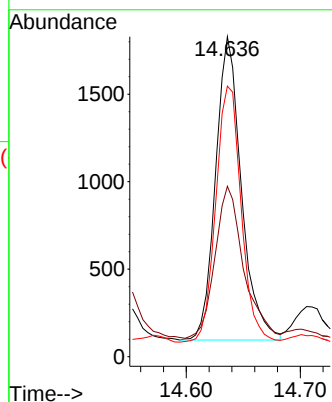
Tgt Ion:153 Resp: 2722

Ion Ratio Lower Upper

153 100

152 53.3 40.2 60.4

154 84.5 69.7 104.5



#12

Fluorene

Concen: 0.049 ng/u1

RT: 15.621 min Scan# 2741

Delta R.T. 0.001 min

Lab File: BM036984.D

Acq: 12 Oct 2022 15:17

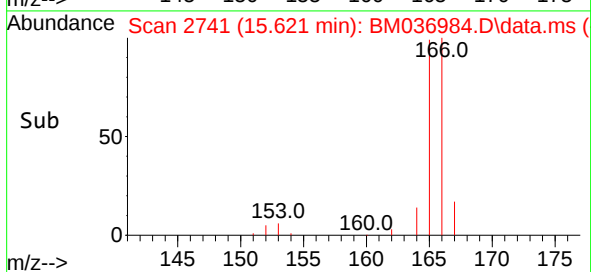
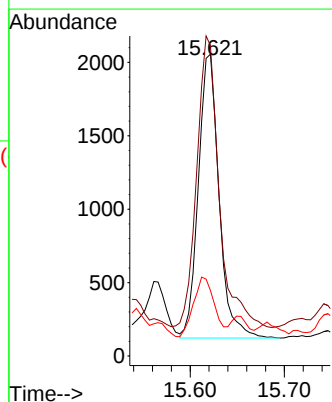
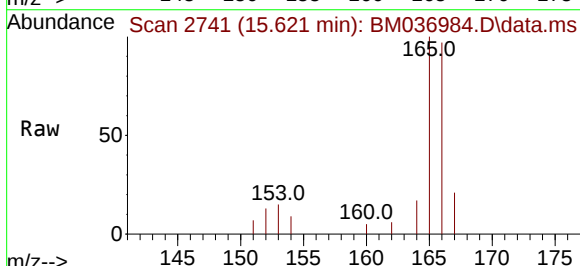
Tgt Ion:166 Resp: 2953

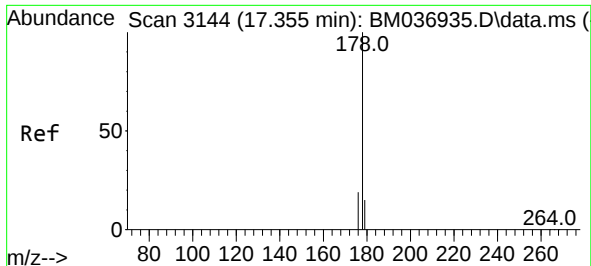
Ion Ratio Lower Upper

166 100

165 102.9 78.9 118.3

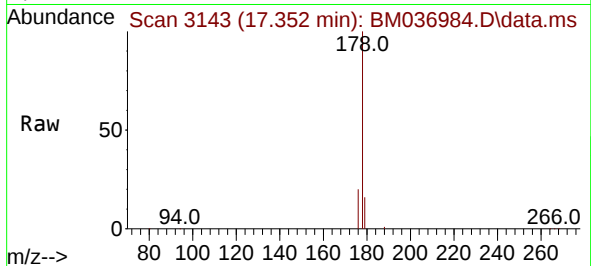
167 21.7 11.3 16.9#



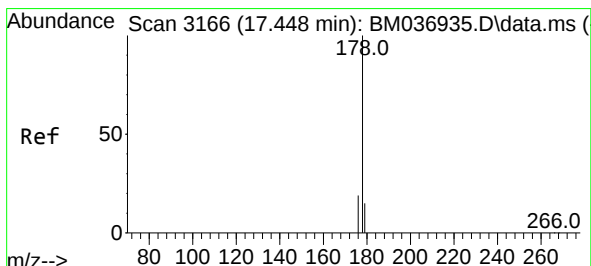
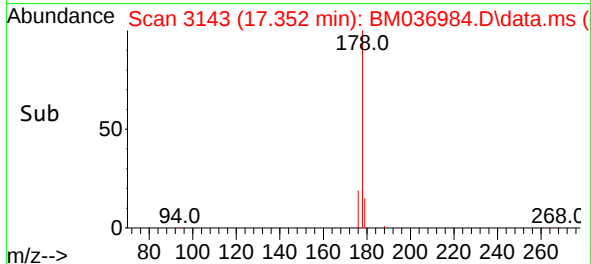
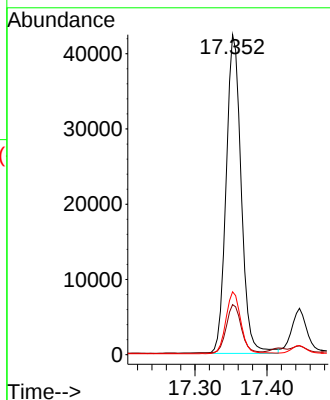


#15
Phenanthrene
Concen: 0.755 ng/ul
RT: 17.352 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BM036984.D
Acq: 12 Oct 2022 15:17

Instrument :
BNA_M
ClientSampleId :

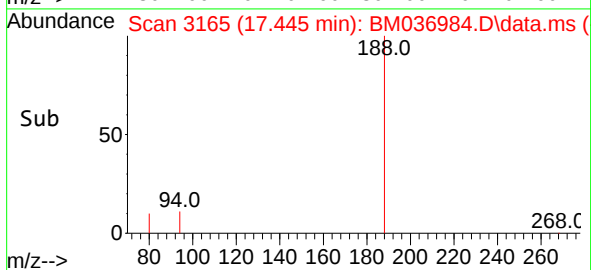
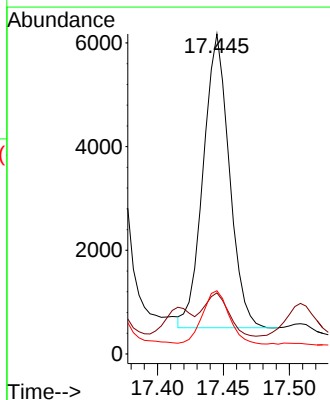
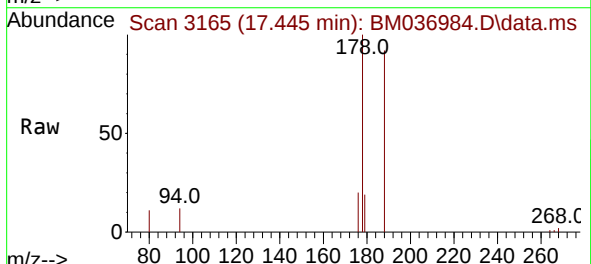


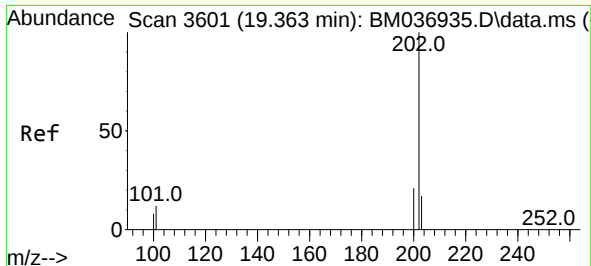
Tgt Ion:178 Resp: 61431
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.7 15.6 23.4



#16
Anthracene
Concen: 0.114 ng/ul
RT: 17.445 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BM036984.D
Acq: 12 Oct 2022 15:17

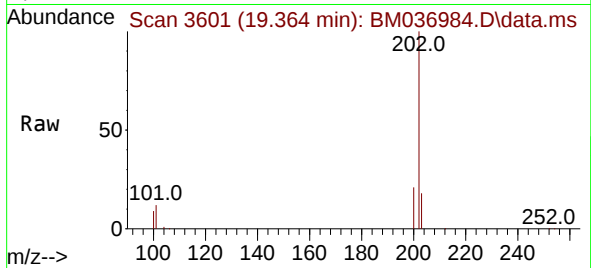
Tgt Ion:178 Resp: 7770
Ion Ratio Lower Upper
178 100
179 19.1 13.6 20.4
176 19.8 15.6 23.4



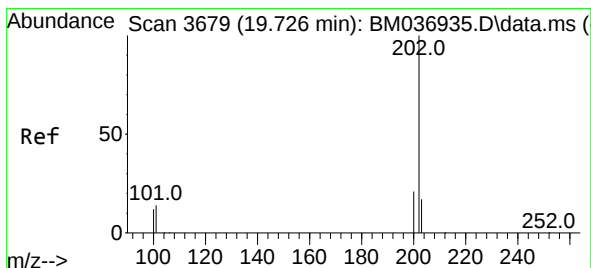
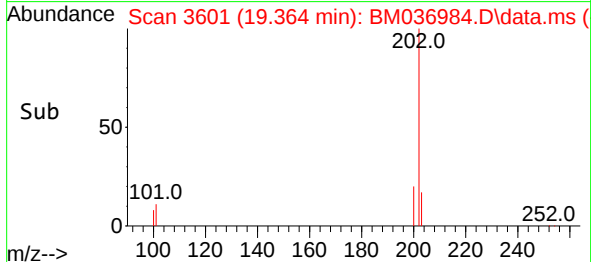
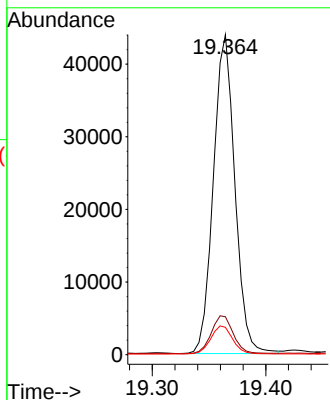


#19
Fluoranthene
Concen: 0.904 ng/ul
RT: 19.364 min Scan# 3601
Delta R.T. 0.001 min
Lab File: BM036984.D
Acq: 12 Oct 2022 15:17

Instrument :
BNA_M
ClientSampleId :

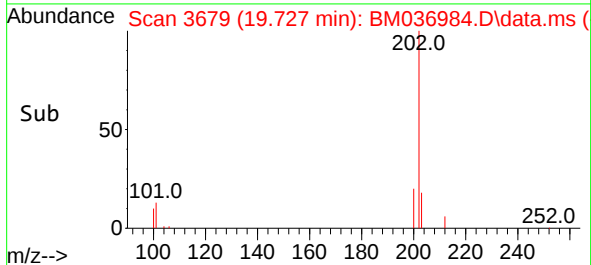
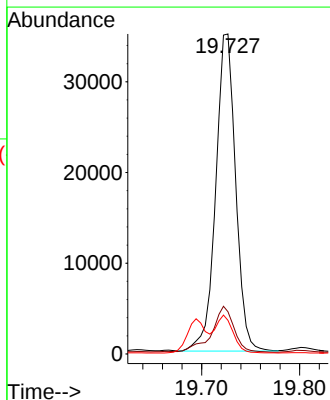
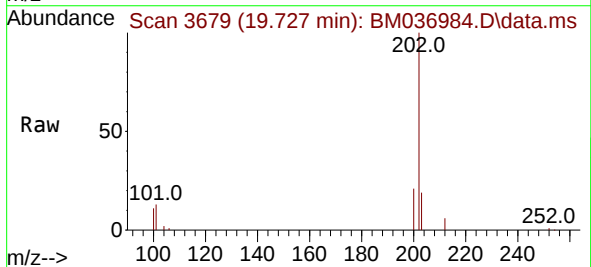


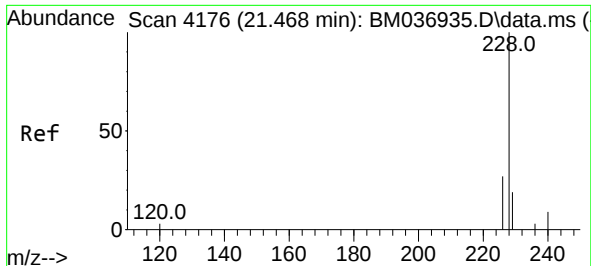
Tgt Ion:202 Resp: 57686
Ion Ratio Lower Upper
202 100
101 11.8 10.1 15.1
100 8.6 7.9 11.9



#20
Pyrene
Concen: 0.744 ng/ul
RT: 19.727 min Scan# 3679
Delta R.T. 0.001 min
Lab File: BM036984.D
Acq: 12 Oct 2022 15:17

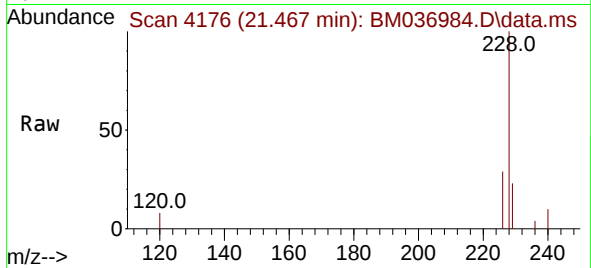
Tgt Ion:202 Resp: 49527
Ion Ratio Lower Upper
202 100
101 13.2 12.0 18.0
100 10.5 9.8 14.6



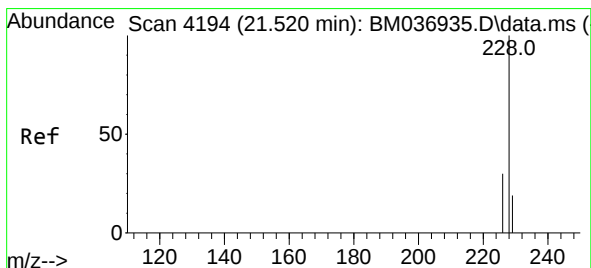
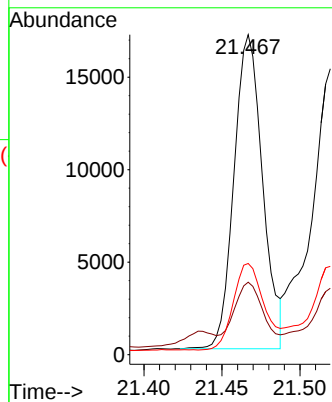
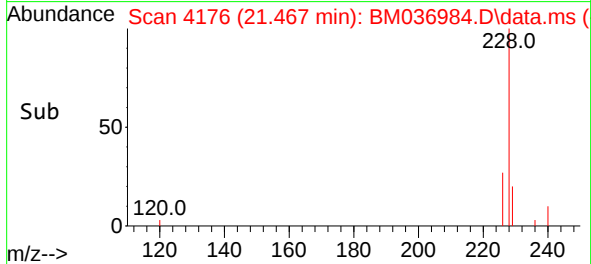


#21
Benzo(a)anthracene
Concen: 0.374 ng/ul
RT: 21.467 min Scan# 4176
Delta R.T. -0.001 min
Lab File: BM036984.D
Acq: 12 Oct 2022 15:17

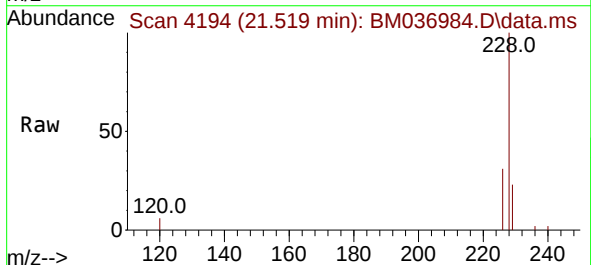
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BNA_M
ClientSampleId :



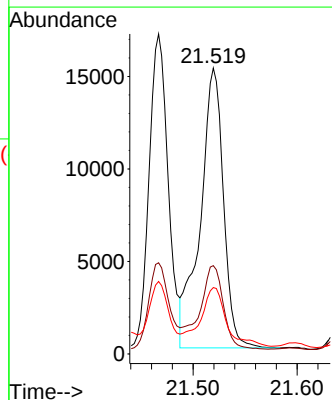
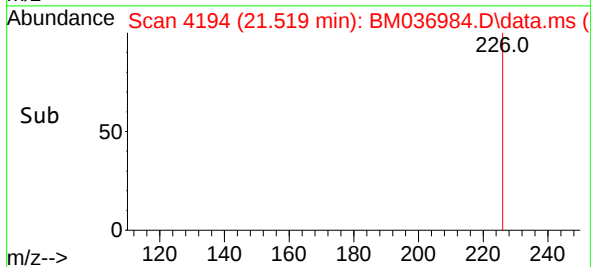
Tgt Ion:228 Resp: 21657
Ion Ratio Lower Upper
228 100
229 22.7 16.2 24.2
226 28.5 22.5 33.7

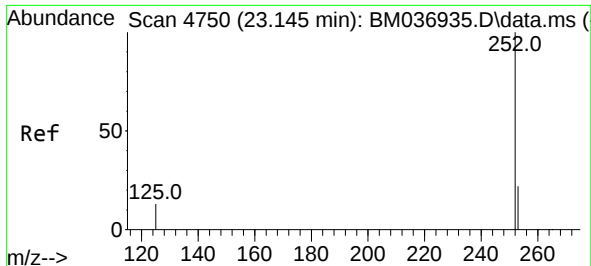


#22
Chrysene
Concen: 0.377 ng/ul
RT: 21.519 min Scan# 4194
Delta R.T. -0.001 min
Lab File: BM036984.D
Acq: 12 Oct 2022 15:17



Tgt Ion:228 Resp: 23453
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 23.2 16.4 24.6

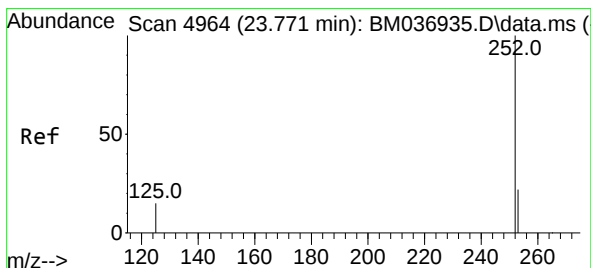
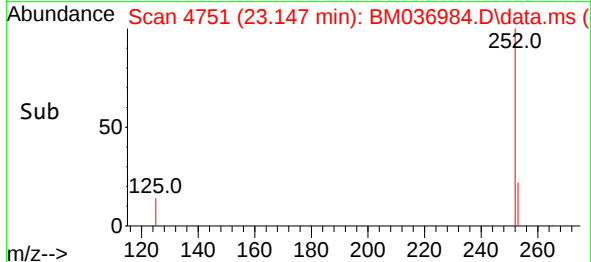
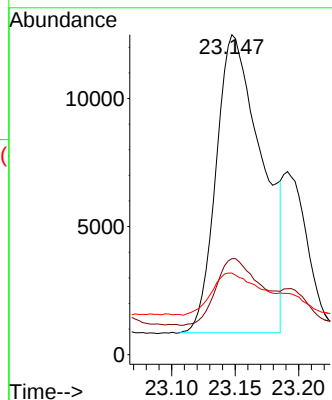
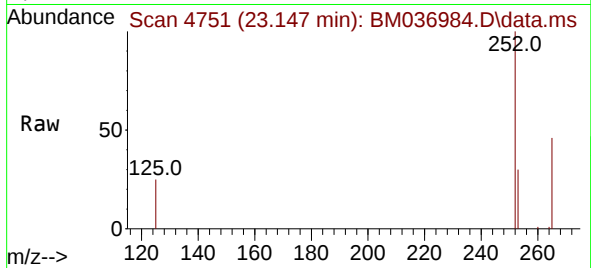




#24
Benzo(b)fluoranthene
Concen: 0.457 ng/ul
RT: 23.147 min Scan# 4750
Delta R.T. 0.002 min
Lab File: BM036984.D
Acq: 12 Oct 2022 15:17

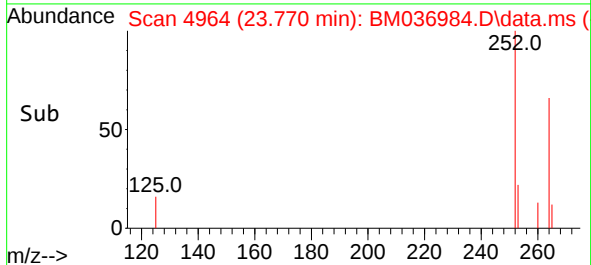
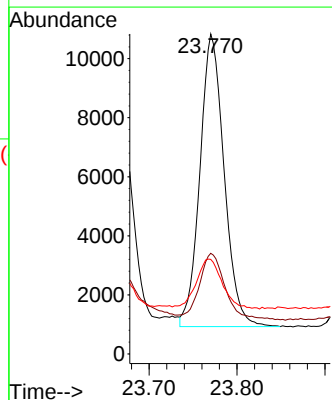
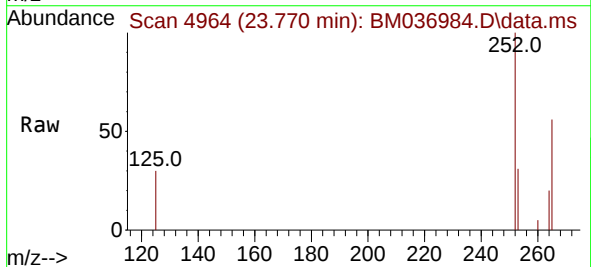
Instrument :
BNA_M
ClientSampleId :

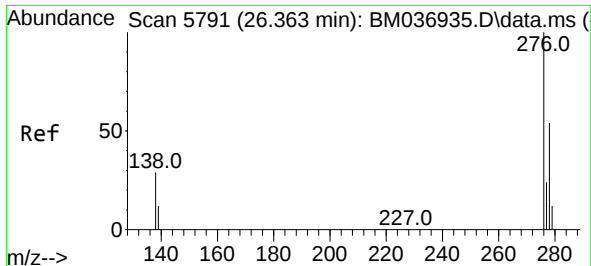
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Ion Ratio Lower Upper
252 100
253 30.0 0.0 61.4
125 25.5 0.0 42.6



#26
Benzo(a)pyrene
Concen: 0.369 ng/ul
RT: 23.770 min Scan# 4964
Delta R.T. -0.001 min
Lab File: BM036984.D
Acq: 12 Oct 2022 15:17

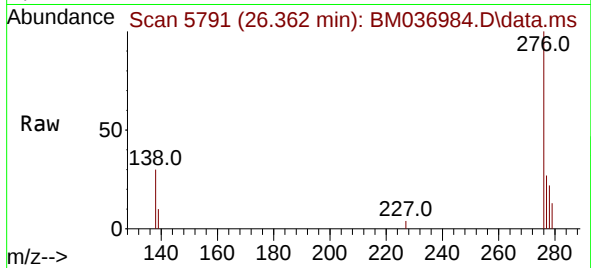
Tgt Ion:252 Resp: 19010
Ion Ratio Lower Upper
252 100
253 31.5 29.7 44.5
125 29.5 23.6 35.4



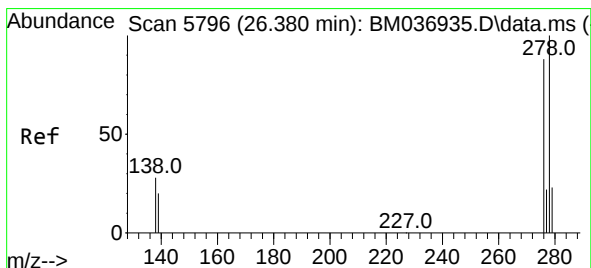
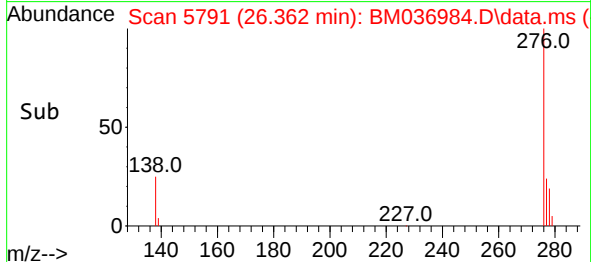
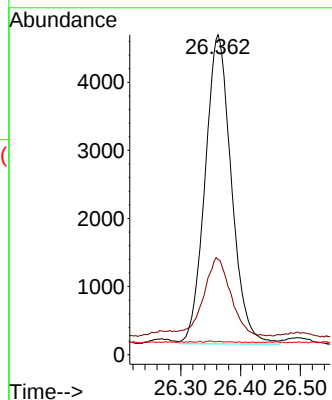


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.190 ng/ul
RT: 26.362 min Scan# 5791
Delta R.T. -0.001 min
Lab File: BM036984.D
Acq: 12 Oct 2022 15:17

Instrument :
BNA_M
ClientSampleId :

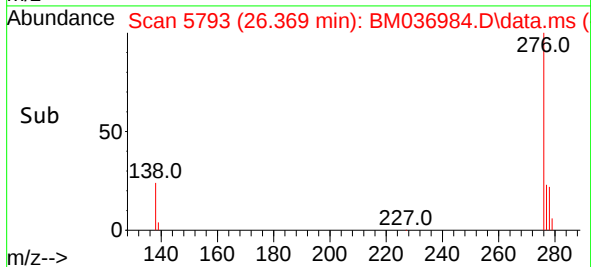
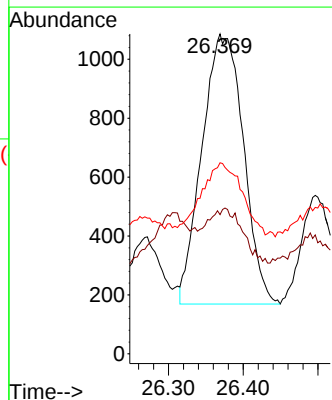
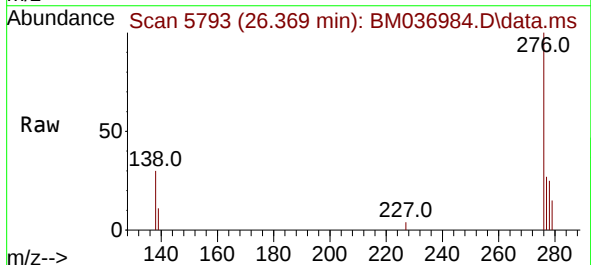


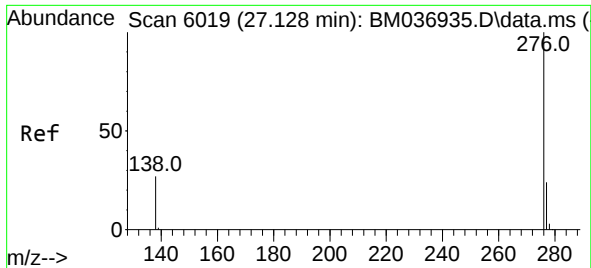
Tgt Ion: 276 Resp: 13901
Ion Ratio Lower Upper
276 100
138 25.6 23.9 35.9
227 0.1 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.060 ng/ul
RT: 26.369 min Scan# 5793
Delta R.T. -0.011 min
Lab File: BM036984.D
Acq: 12 Oct 2022 15:17

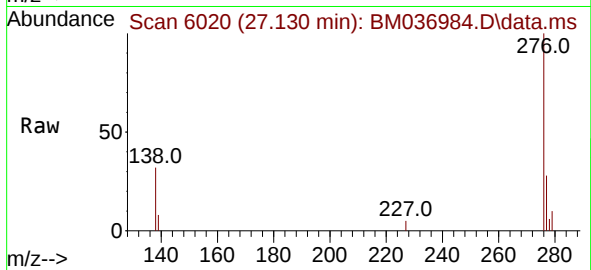
Tgt Ion: 278 Resp: 3529
Ion Ratio Lower Upper
278 100
139 43.6 19.8 29.6#
279 59.8 27.7 41.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.196 ng/ul
 RT: 27.130 min Scan# 6019
 Delta R.T. 0.003 min
 Lab File: BM036984.D
 Acq: 12 Oct 2022 15:17

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:	276	Resp:	12601
Ion	Ratio	Lower	Upper
276	100		
138	31.7	23.4	35.0
277	27.5	21.0	31.4

