

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040623.D
 Acq On : 04 Jul 2023 22:08
 Operator : MA/JU
 Sample : 03244-17DL 5X
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 05 02:42:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 13:40:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

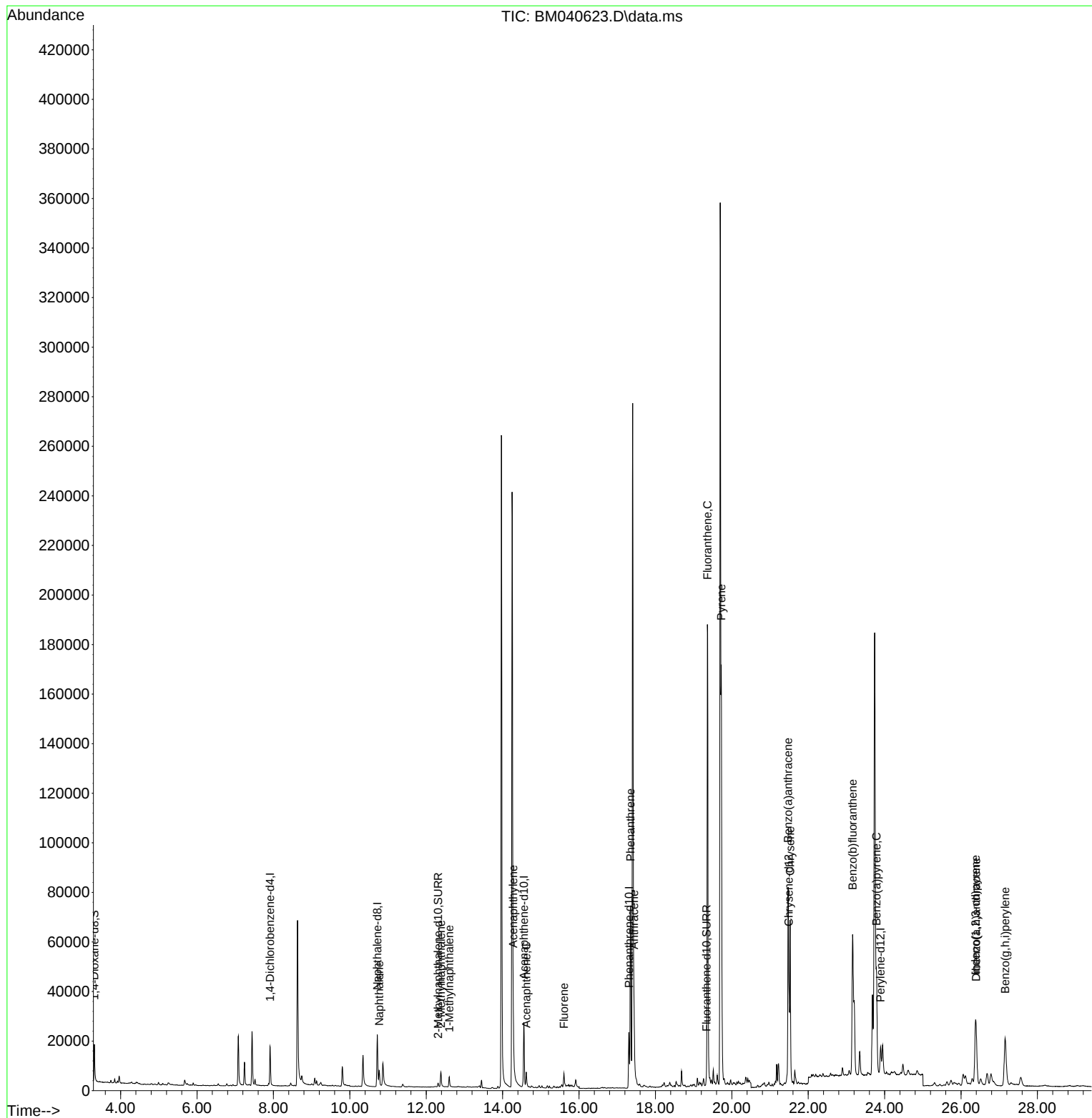
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	8484	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.718	136	32238	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.559	164	15105	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.307	188	30021	0.400	ng/ul	-0.01
17) Chrysene-d12	21.488	240	17663	0.400	ng/ul	-0.01
23) Perylene-d12	23.894	264	16744	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	8976	0.674	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.307	152	2604	0.058	ng/ul	-0.02
18) Fluoranthene-d10	19.333	212	4128	0.073	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.767	128	9088	0.102	ng/ul#	95
7) 2-Methylnaphthalene	12.384	142	5464	0.105	ng/ul	99
8) 1-Methylnaphthalene	12.604	142	3075	0.059	ng/ul	98
10) Acenaphthylene	14.276	152	23150	0.343	ng/ul	99
11) Acenaphthene	14.619	153	3709	0.065	ng/ul	97
12) Fluorene	15.604	166	4023	0.066	ng/ul#	96
15) Phenanthrene	17.345	178	90214	0.967	ng/ul	99
16) Anthracene	17.438	178	20548	0.262	ng/ul	98
19) Fluoranthene	19.361	202	182269	2.429	ng/ul	98
20) Pyrene	19.723	202	136071	1.692	ng/ul	99
21) Benzo(a)anthracene	21.474	228	81012	1.356	ng/ul	96
22) Chrysene	21.526	228	66961	0.983	ng/ul	97
24) Benzo(b)fluoranthene	23.163	252	110032	1.698	ng/ul	91
26) Benzo(a)pyrene	23.786	252	62505	1.071	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.380	276	53508	0.658	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.397	278	13381	0.210	ng/ul#	87
29) Benzo(g,h,i)perylene	27.155	276	49726	0.698	ng/ul	97

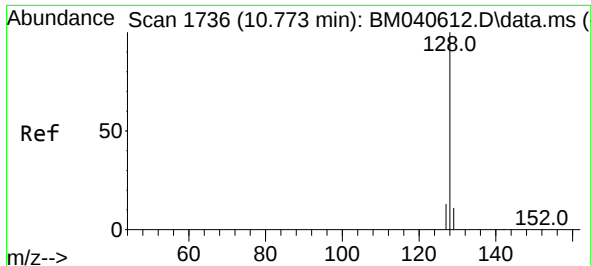
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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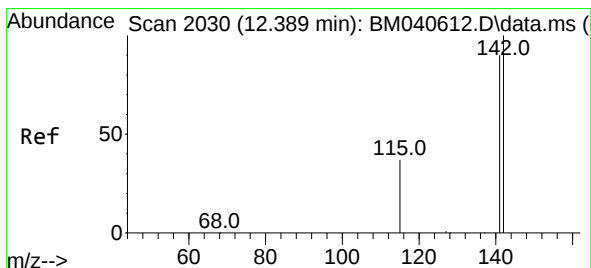
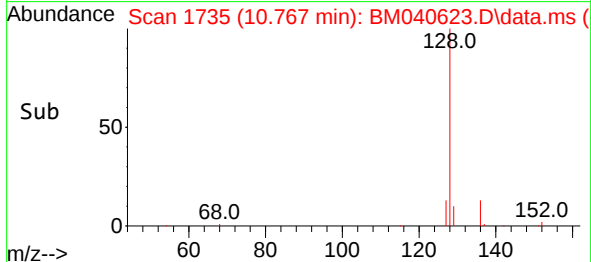
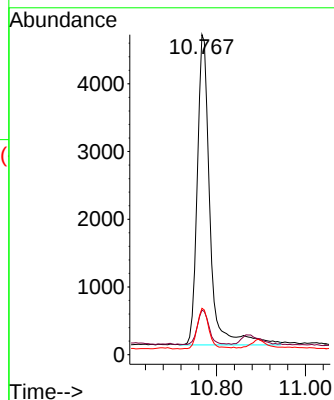
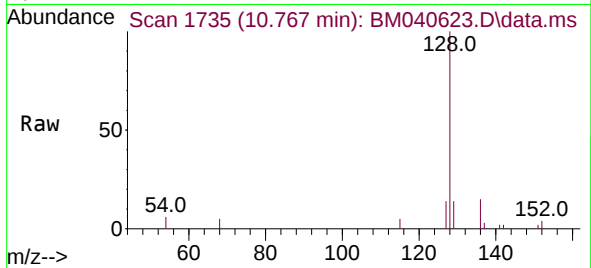




#5
Naphthalene
Concen: 0.102 ng/ul
RT: 10.767 min Scan# 1735
Delta R.T. -0.017 min
Lab File: BM040623.D
Acq: 04 Jul 2023 22:08

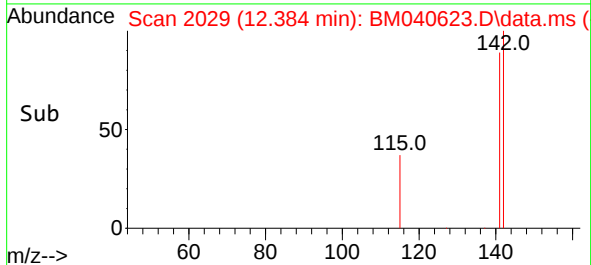
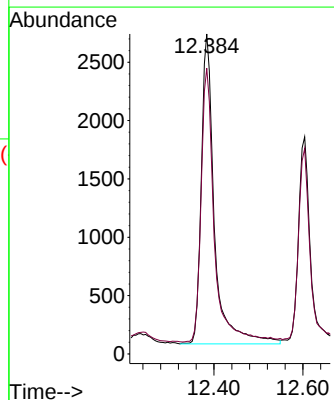
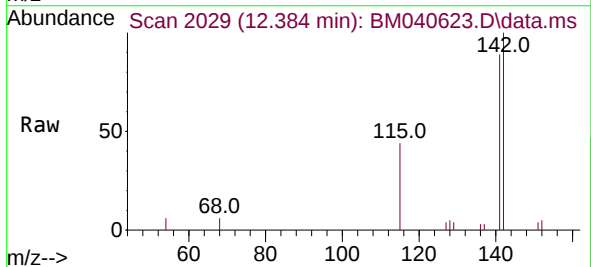
Instrument :
BNA_M
ClientSampleId :

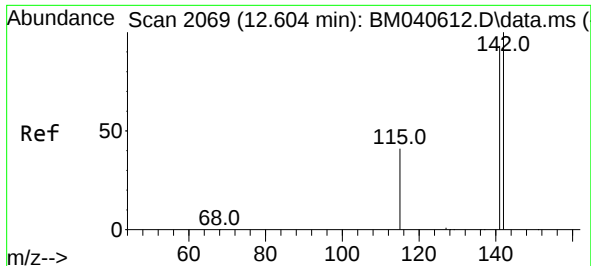
Tgt Ion:128 Resp: 9088
Ion Ratio Lower Upper
128 100
129 14.0 9.2 13.8#
127 14.5 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.105 ng/ul
RT: 12.384 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BM040623.D
Acq: 04 Jul 2023 22:08

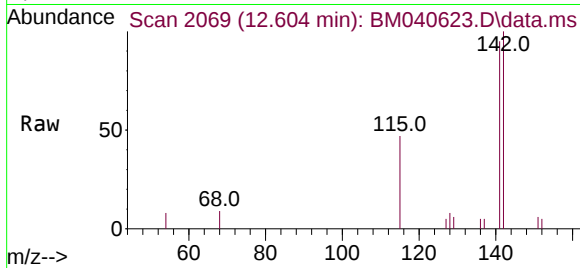
Tgt Ion:142 Resp: 5464
Ion Ratio Lower Upper
142 100
141 88.6 71.9 107.9



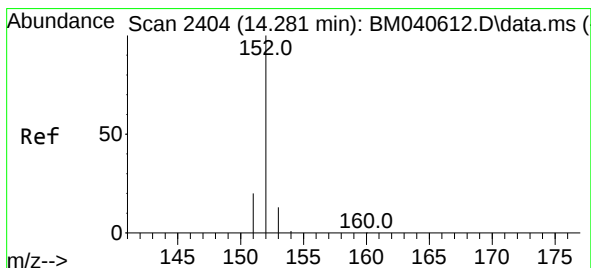
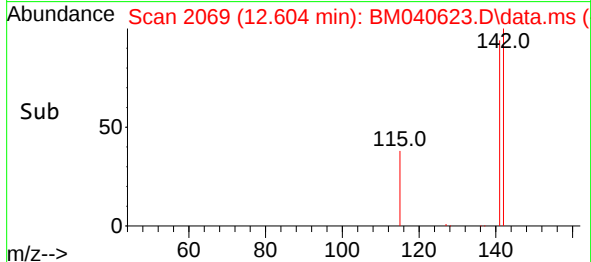
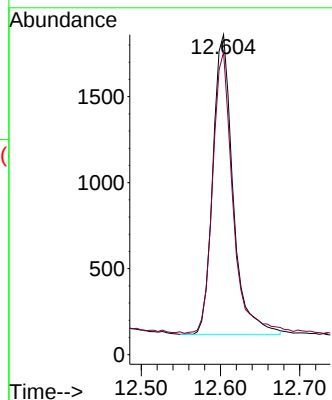


#8
1-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.604 min Scan# 2069
Delta R.T. -0.011 min
Lab File: BM040623.D
Acq: 04 Jul 2023 22:08

Instrument :
BNA_M
ClientSampleId :

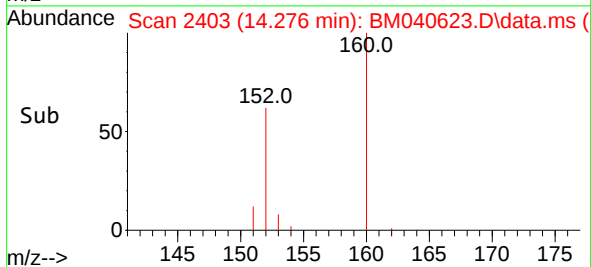
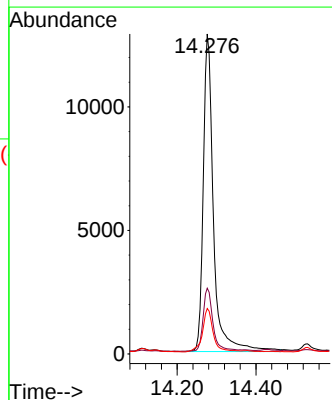
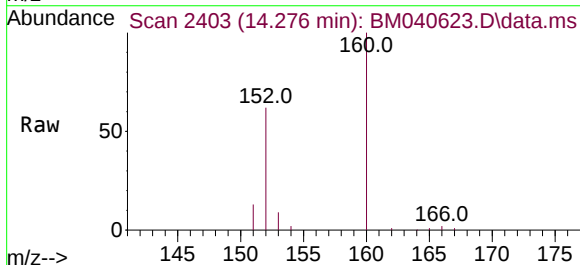


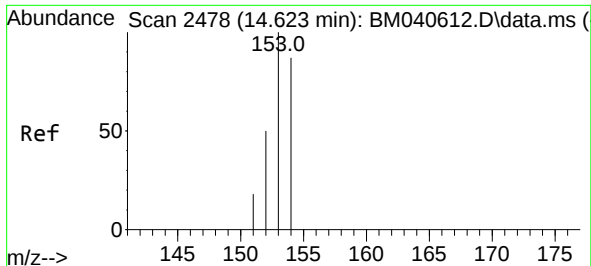
Tgt Ion:142 Resp: 3075
Ion Ratio Lower Upper
142 100
141 93.8 73.7 110.5



#10
Acenaphthylene
Concen: 0.343 ng/ul
RT: 14.276 min Scan# 2403
Delta R.T. -0.014 min
Lab File: BM040623.D
Acq: 04 Jul 2023 22:08

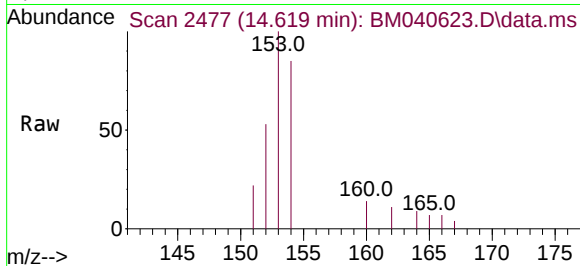
Tgt Ion:152 Resp: 23150
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 14.2 10.9 16.3



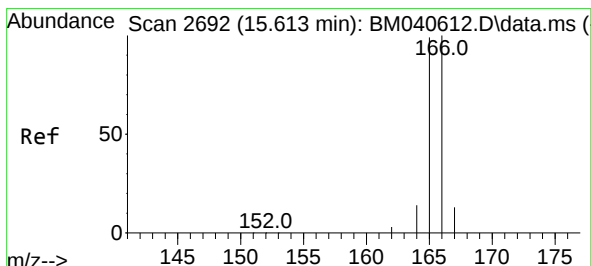
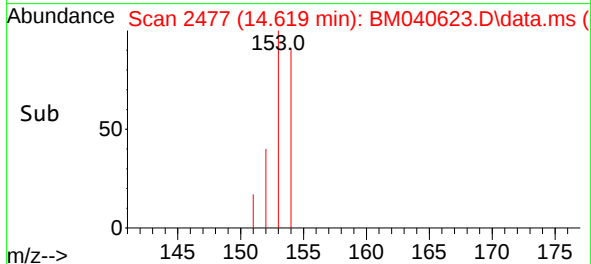
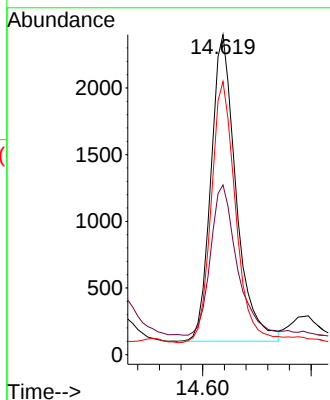


#11
Acenaphthene
Concen: 0.065 ng/ul
RT: 14.619 min Scan# 2477
Delta R.T. -0.014 min
Lab File: BM040623.D
Acq: 04 Jul 2023 22:08

Instrument :
BNA_M
ClientSampleId :

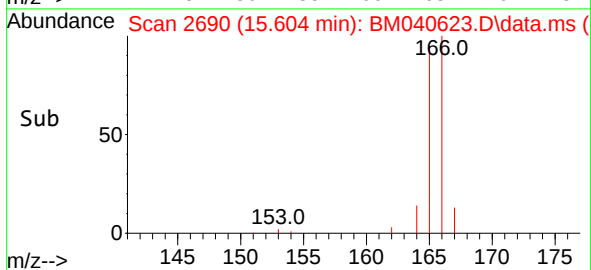
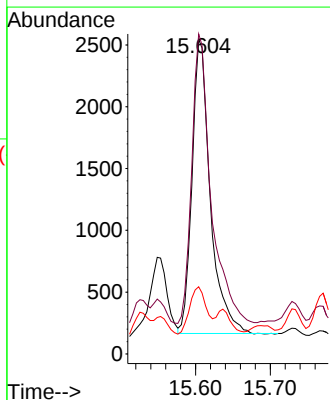
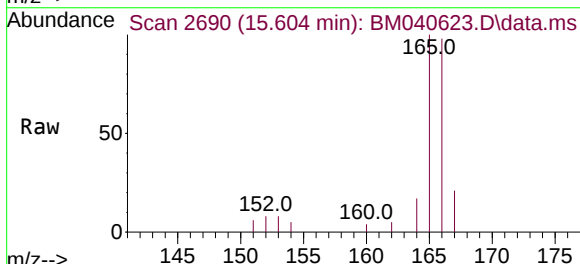


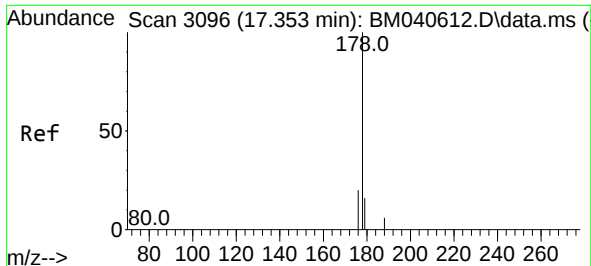
Tgt Ion:153 Resp: 3709
Ion Ratio Lower Upper
153 100
152 53.0 41.0 61.4
154 85.3 70.8 106.2



#12
Fluorene
Concen: 0.066 ng/ul
RT: 15.604 min Scan# 2690
Delta R.T. -0.014 min
Lab File: BM040623.D
Acq: 04 Jul 2023 22:08

Tgt Ion:166 Resp: 4023
Ion Ratio Lower Upper
166 100
165 101.8 79.6 119.4
167 21.3 11.4 17.0#

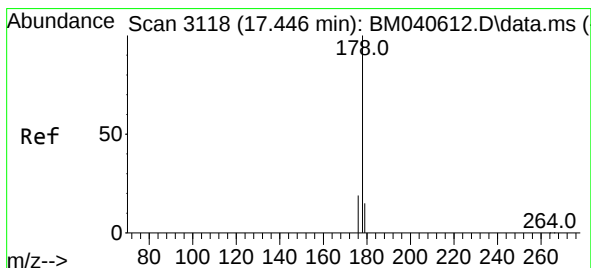
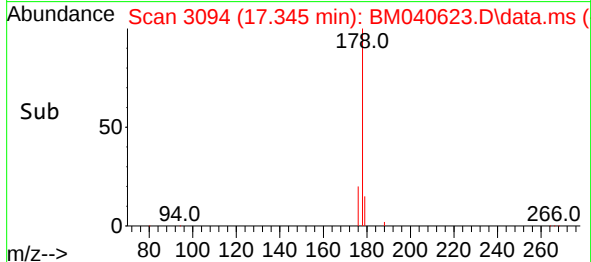
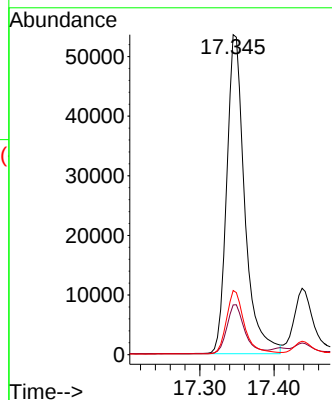
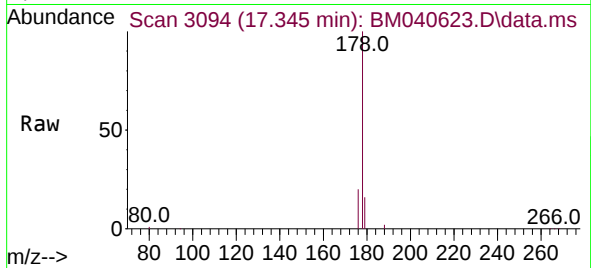




#15
Phenanthrene
Concen: 0.967 ng/ul
RT: 17.345 min Scan# 3096
Delta R.T. -0.017 min
Lab File: BM040623.D
Acq: 04 Jul 2023 22:08

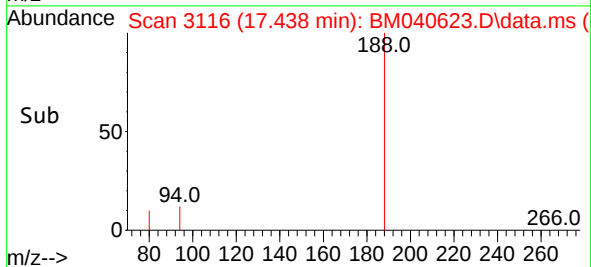
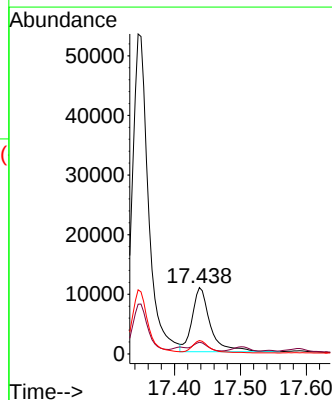
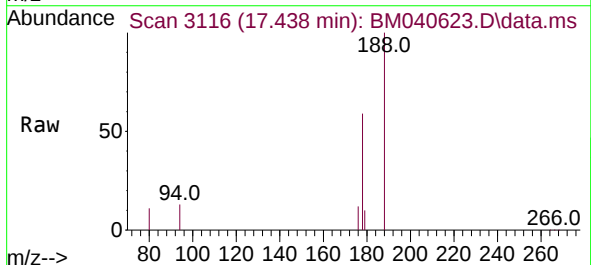
Instrument :
BNA_M
ClientSampleId :

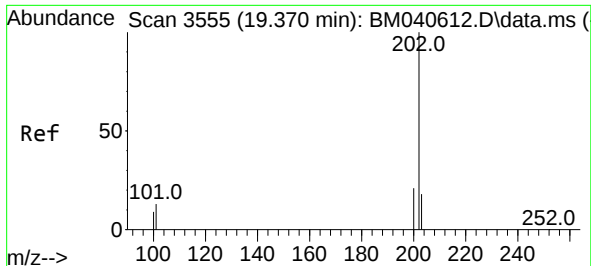
Tgt Ion:178 Resp: 90214
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 20.1 16.4 24.6



#16
Anthracene
Concen: 0.262 ng/ul
RT: 17.438 min Scan# 3116
Delta R.T. -0.017 min
Lab File: BM040623.D
Acq: 04 Jul 2023 22:08

Tgt Ion:178 Resp: 20548
Ion Ratio Lower Upper
178 100
179 17.7 12.9 19.3
176 20.2 15.8 23.6

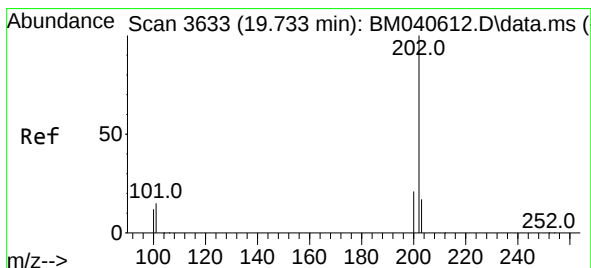
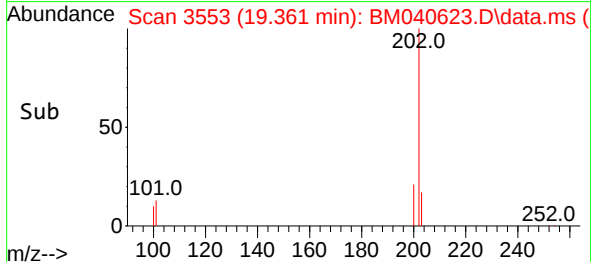
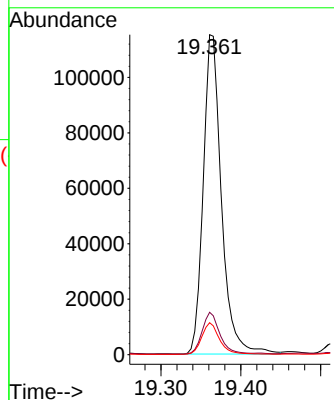
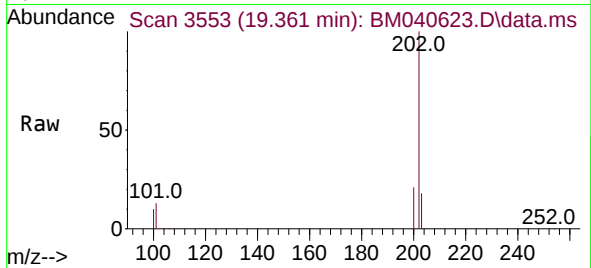




#19
Fluoranthene
Concen: 2.429 ng/ul
RT: 19.361 min Scan# 3553
Delta R.T. -0.019 min
Lab File: BM040623.D
Acq: 04 Jul 2023 22:08

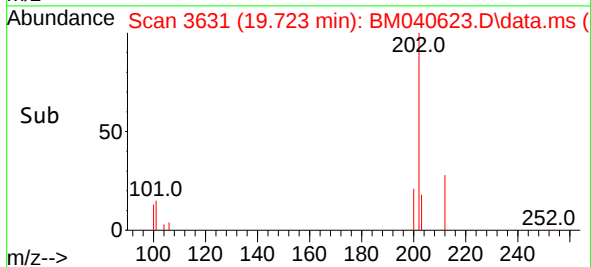
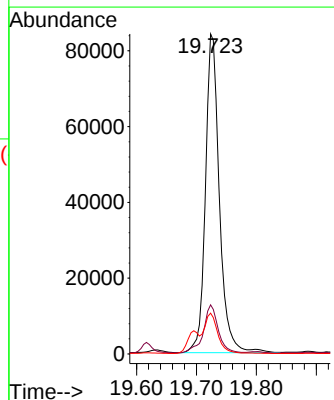
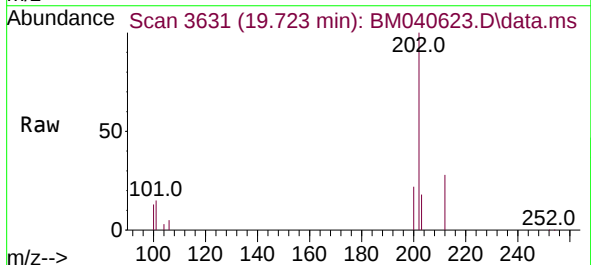
Instrument :
BNA_M
ClientSampleId :

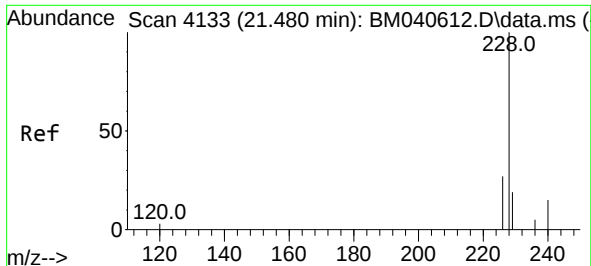
Tgt Ion:202 Resp: 182269
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 10.0 8.7 13.1



#20
Pyrene
Concen: 1.692 ng/ul
RT: 19.723 min Scan# 3631
Delta R.T. -0.019 min
Lab File: BM040623.D
Acq: 04 Jul 2023 22:08

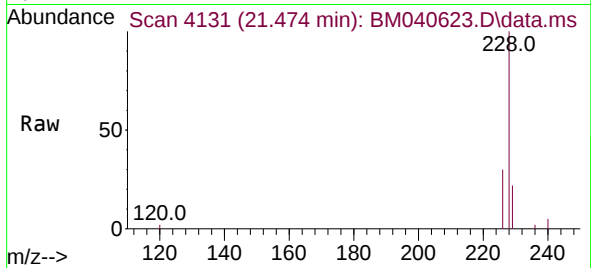
Tgt Ion:202 Resp: 136071
Ion Ratio Lower Upper
202 100
101 15.4 12.6 18.8
100 12.7 9.8 14.6



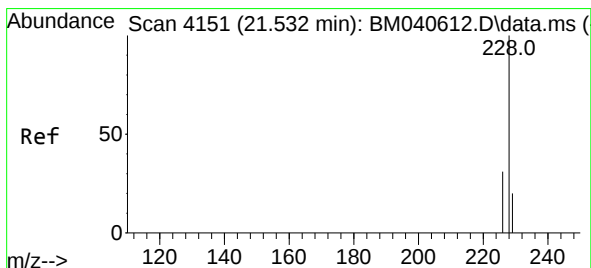
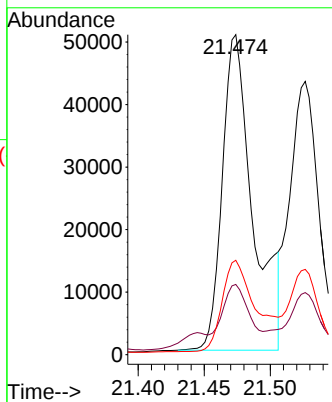
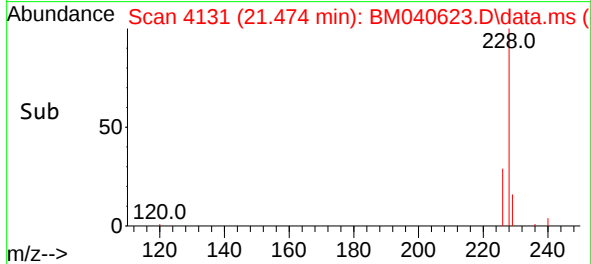


#21
Benzo(a)anthracene
Concen: 1.356 ng/ul
RT: 21.474 min Scan# 4113
Delta R.T. -0.015 min
Lab File: BM040623.D
Acq: 04 Jul 2023 22:08

Instrument :
BNA_M
ClientSampleId :

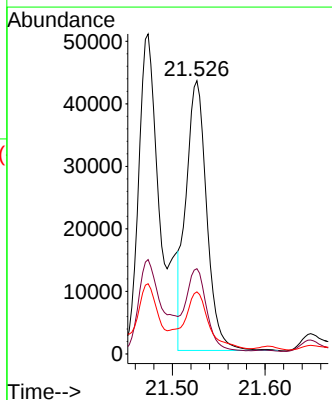
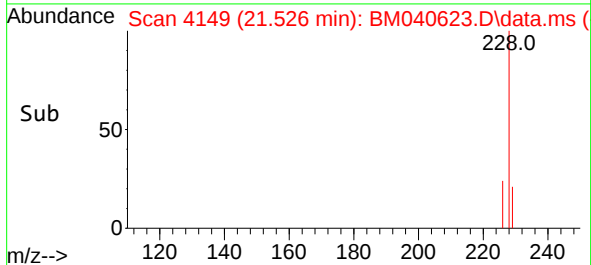
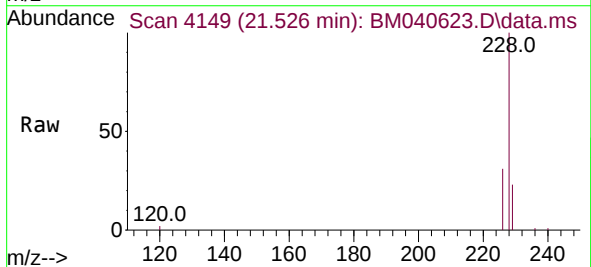


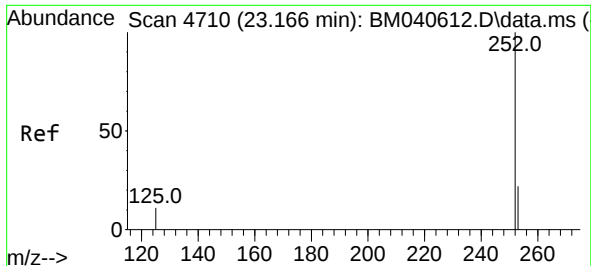
Tgt Ion:228 Resp: 81012
Ion Ratio Lower Upper
228 100
229 22.0 16.0 24.0
226 29.5 22.3 33.5



#22
Chrysene
Concen: 0.983 ng/ul
RT: 21.526 min Scan# 4149
Delta R.T. -0.015 min
Lab File: BM040623.D
Acq: 04 Jul 2023 22:08

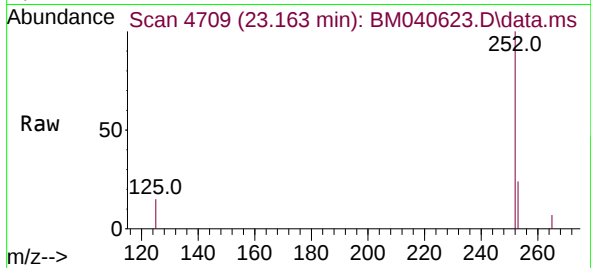
Tgt Ion:228 Resp: 66961
Ion Ratio Lower Upper
228 100
226 31.2 24.9 37.3
229 22.7 15.8 23.6



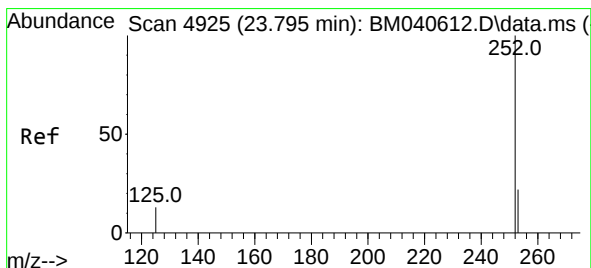
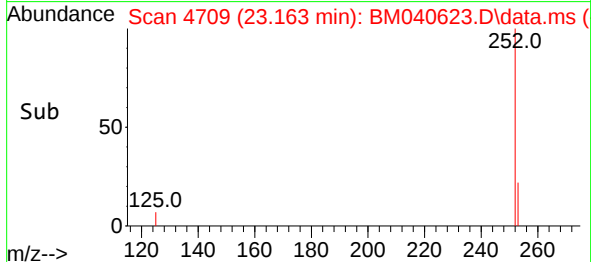
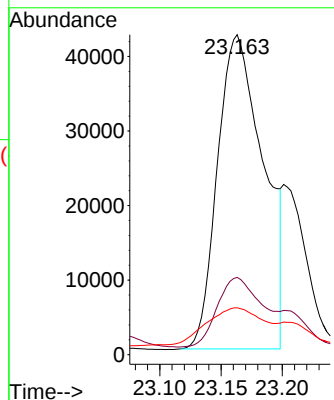


#24
Benzo(b)fluoranthene
Concen: 1.698 ng/ul
RT: 23.163 min Scan# 4710
Delta R.T. -0.018 min
Lab File: BM040623.D
Acq: 04 Jul 2023 22:08

Instrument :
BNA_M
ClientSampleId :

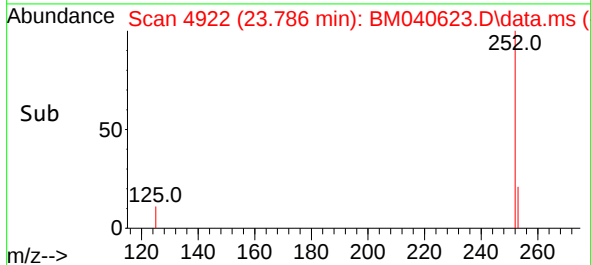
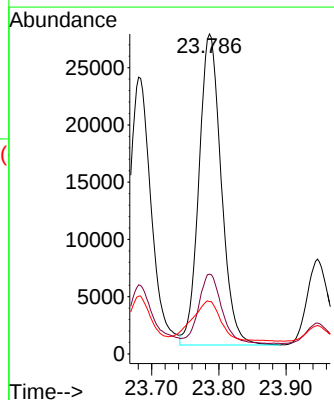
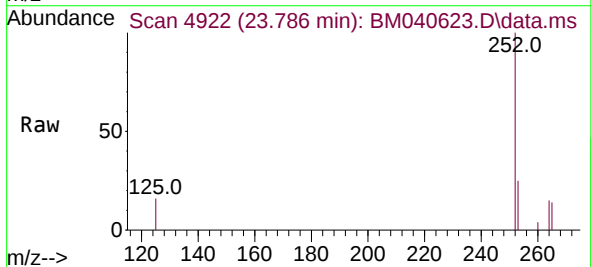


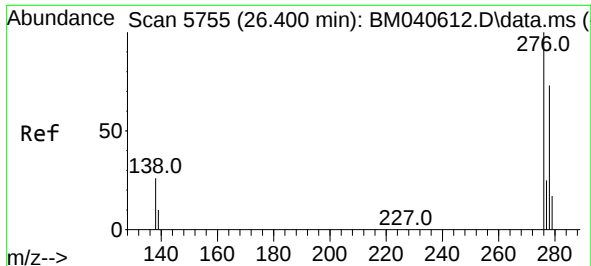
Tgt Ion:252 Resp: 110032
Ion Ratio Lower Upper
252 100
253 24.1 0.0 52.8
125 14.7 0.0 43.0



#26
Benzo(a)pyrene
Concen: 1.071 ng/ul
RT: 23.786 min Scan# 4922
Delta R.T. -0.018 min
Lab File: BM040623.D
Acq: 04 Jul 2023 22:08

Tgt Ion:252 Resp: 62505
Ion Ratio Lower Upper
252 100
253 24.9 22.9 34.3
125 16.3 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.658 ng/ul

RT: 26.380 min Scan# 5

Delta R.T. -0.037 min

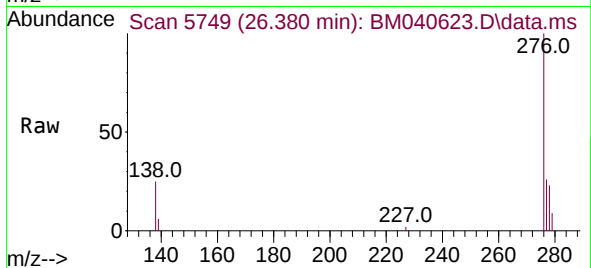
Lab File: BM040623.D

Acq: 04 Jul 2023 22:08

Instrument :

BNA_M

ClientSampleId :



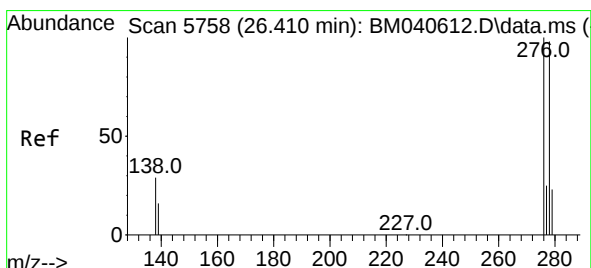
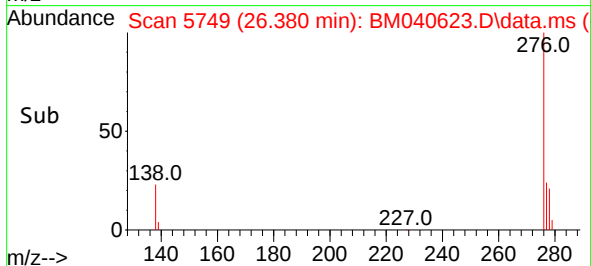
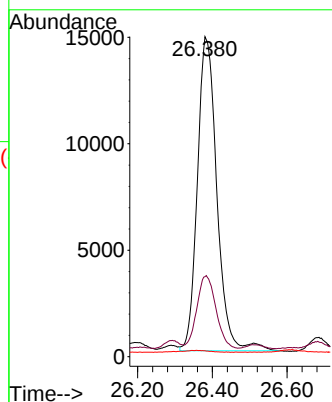
Tgt Ion:276 Resp: 53508

Ion Ratio Lower Upper

276 100

138 22.8 24.5 36.7#

227 0.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.210 ng/ul

RT: 26.397 min Scan# 5754

Delta R.T. -0.034 min

Lab File: BM040623.D

Acq: 04 Jul 2023 22:08

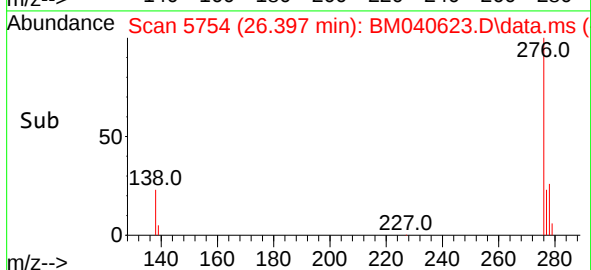
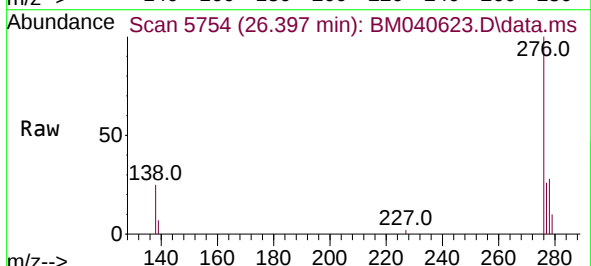
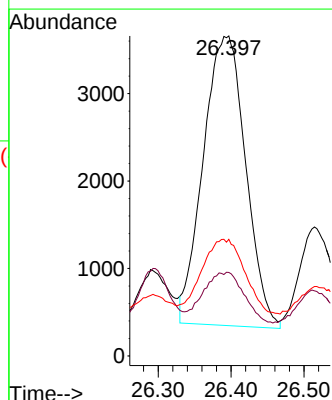
Tgt Ion:278 Resp: 13381

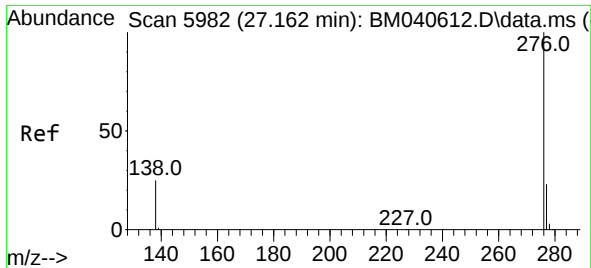
Ion Ratio Lower Upper

278 100

139 26.1 17.9 26.9

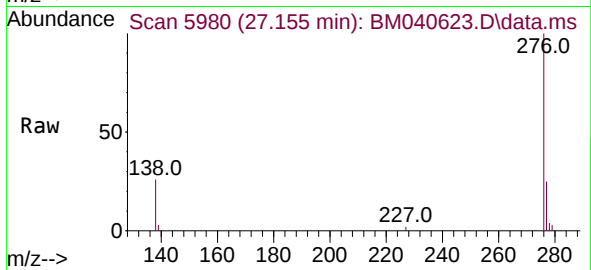
279 36.4 22.0 33.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.698 ng/ul
 RT: 27.155 min Scan# 5980
 Delta R.T. -0.027 min
 Lab File: BM040623.D
 Acq: 04 Jul 2023 22:08

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:	276	Resp:	49726
Ion Ratio	Lower	Upper	
276	100		
138	25.8	23.0	34.6
277	24.9	20.3	30.5

