

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040618.D
 Acq On : 04 Jul 2023 19:02
 Operator : MA/JU
 Sample : 03246-09DL 5X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 05 02:41:30 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)

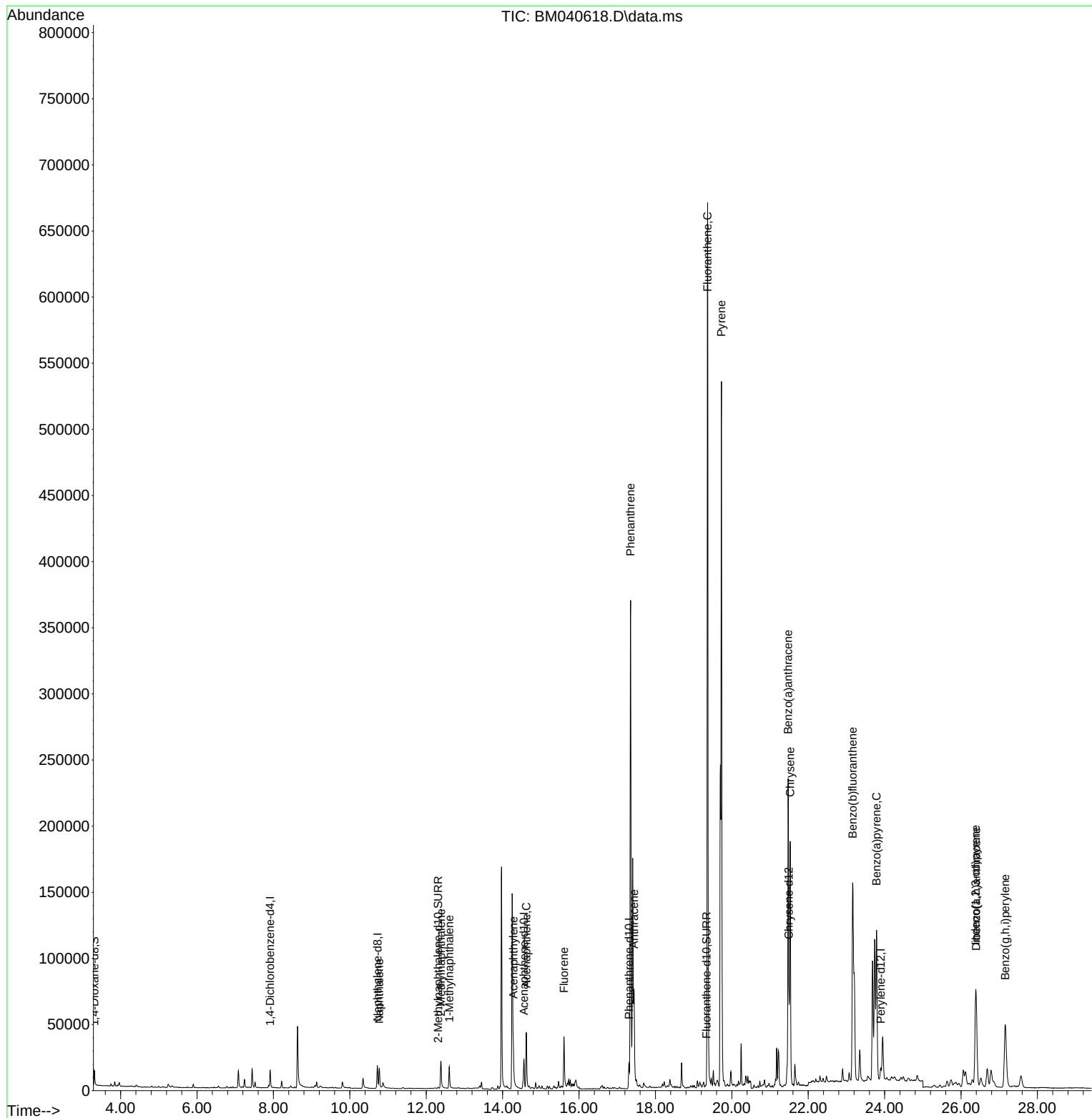
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	7316	0.400	ng/ul	0.00
4) Naphthalene-d8	10.723	136	26962	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.559	164	12636	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.307	188	24517	0.400	ng/ul	-0.01
17) Chrysene-d12	21.491	240	14044	0.400	ng/ul	-0.01
23) Perylene-d12	23.897	264	14195	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	6677	0.581	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	1711	0.045	ng/ul	-0.01
18) Fluoranthene-d10	19.333	212	2625	0.058	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.773	128	23323	0.314	ng/ul	99
7) 2-Methylnaphthalene	12.384	142	18259	0.418	ng/ul	100
8) 1-Methylnaphthalene	12.604	142	12218	0.280	ng/ul	99
10) Acenaphthylene	14.281	152	32071	0.568	ng/ul	99
11) Acenaphthene	14.619	153	26238	0.550	ng/ul	97
12) Fluorene	15.609	166	27824	0.547	ng/ul	98
15) Phenanthrene	17.349	178	444691	5.839	ng/ul	98
16) Anthracene	17.442	178	82386	1.287	ng/ul	99
19) Fluoranthene	19.366	202	616680	10.337	ng/ul	94
20) Pyrene	19.728	202	463971	7.254	ng/ul	97
21) Benzo(a)anthracene	21.474	228	219064	4.611	ng/ul	98
22) Chrysene	21.526	228	193027	3.562	ng/ul	98
24) Benzo(b)fluoranthene	23.163	252	287760	5.238	ng/ul	89
26) Benzo(a)pyrene	23.789	252	175889	3.554	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.387	276	139020	2.017	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.397	278	34656	0.642	ng/ul	95
29) Benzo(g,h,i)perylene	27.158	276	123307	2.041	ng/ul	95

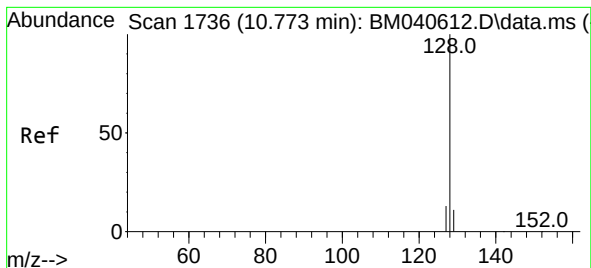
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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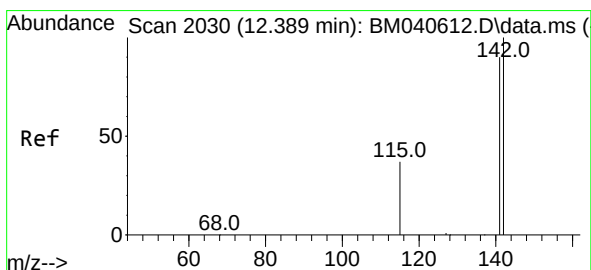
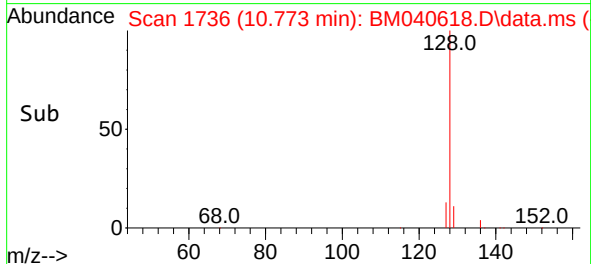
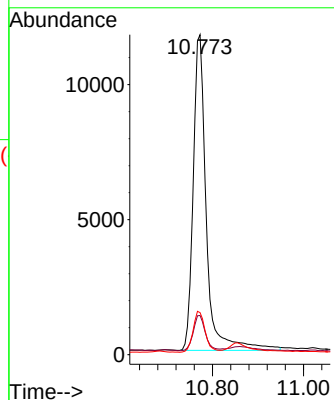
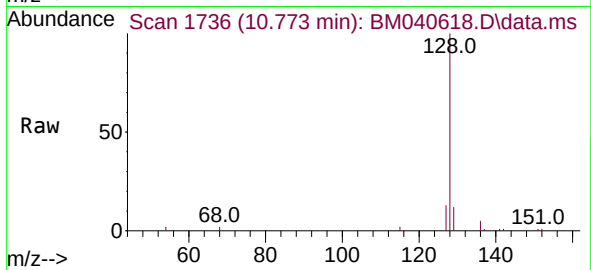




#5
Naphthalene
Concen: 0.314 ng/ul
RT: 10.773 min Scan# 1736
Delta R.T. -0.011 min
Lab File: BM040618.D
Acq: 04 Jul 2023 19:02

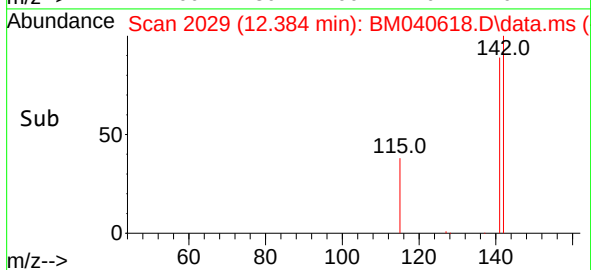
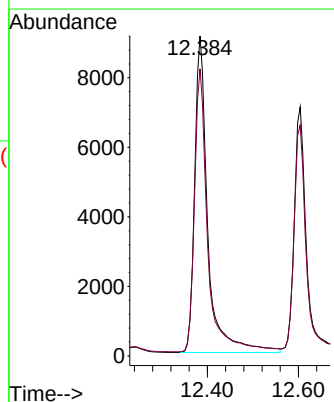
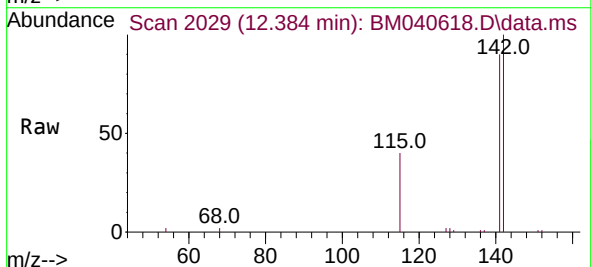
Instrument :
BNA_M
ClientSampleId :

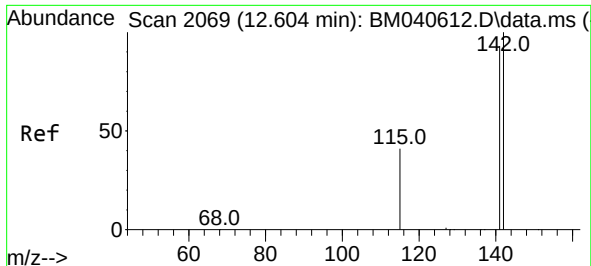
Tgt Ion:128 Resp: 23323
Ion Ratio Lower Upper
128 100
129 12.2 9.2 13.8
127 13.2 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.418 ng/ul
RT: 12.384 min Scan# 2029
Delta R.T. -0.011 min
Lab File: BM040618.D
Acq: 04 Jul 2023 19:02

Tgt Ion:142 Resp: 18259
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9

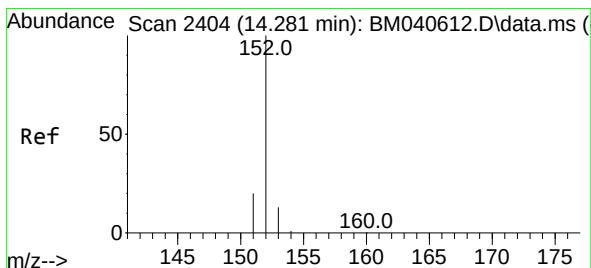
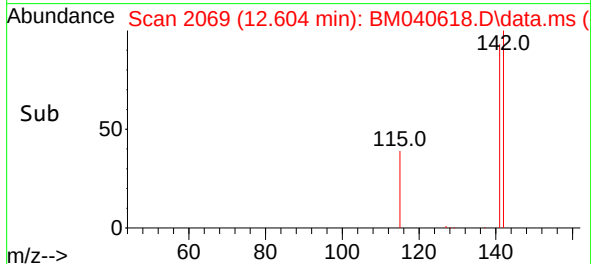
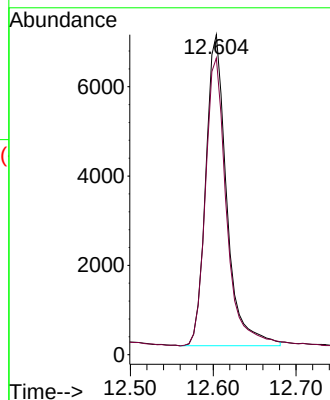
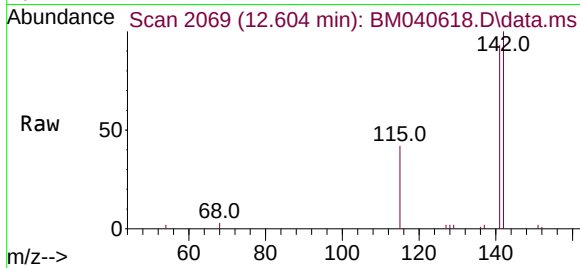




#8
1-Methylnaphthalene
Concen: 0.280 ng/ul
RT: 12.604 min Scan# 2069
Delta R.T. -0.011 min
Lab File: BM040618.D
Acq: 04 Jul 2023 19:02

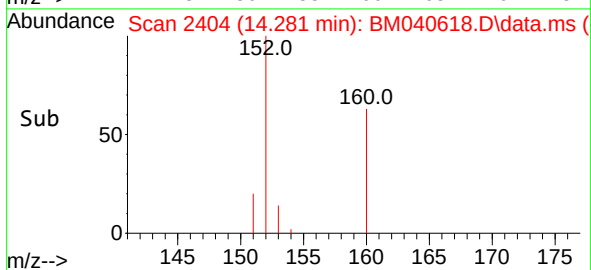
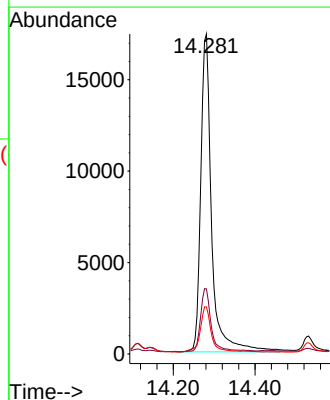
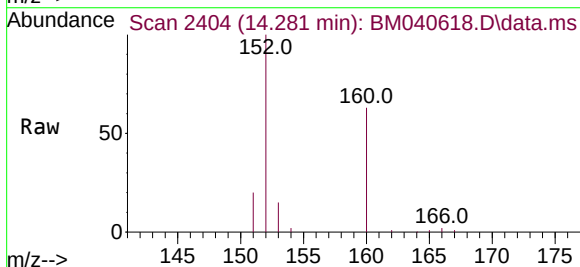
Instrument :
BNA_M
ClientSampleId :

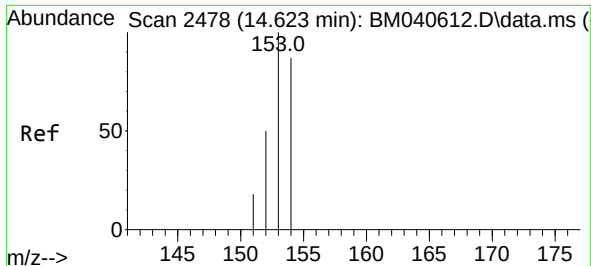
Tgt Ion:142 Resp: 12218
Ion Ratio Lower Upper
142 100
141 93.2 73.7 110.5



#10
Acenaphthylene
Concen: 0.568 ng/ul
RT: 14.281 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BM040618.D
Acq: 04 Jul 2023 19:02

Tgt Ion:152 Resp: 32071
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 14.7 10.9 16.3

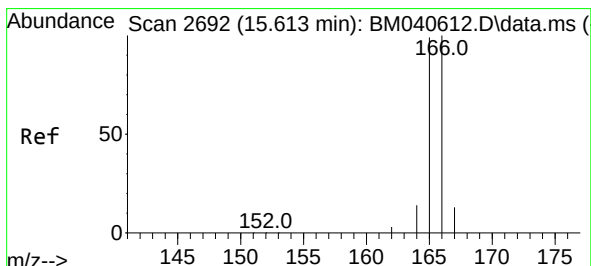
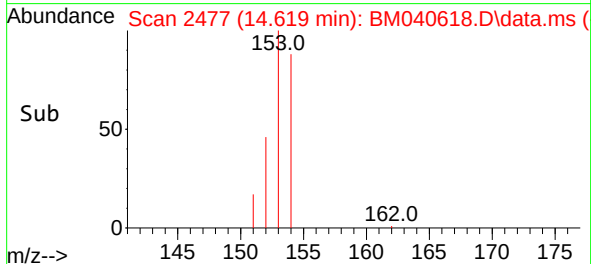
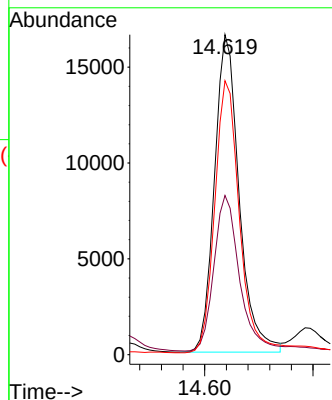
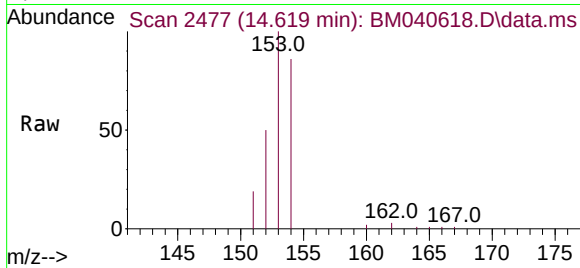




#11
Acenaphthene
Concen: 0.550 ng/ul
RT: 14.619 min Scan# 2477
Delta R.T. -0.014 min
Lab File: BM040618.D
Acq: 04 Jul 2023 19:02

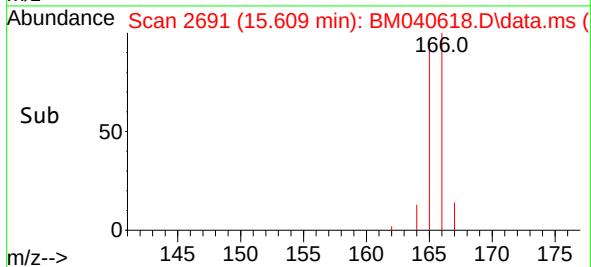
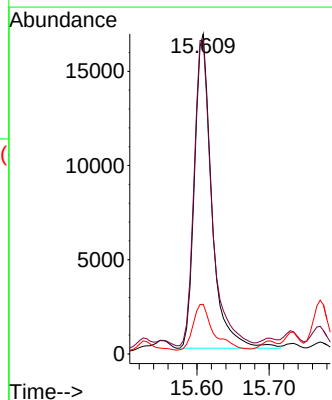
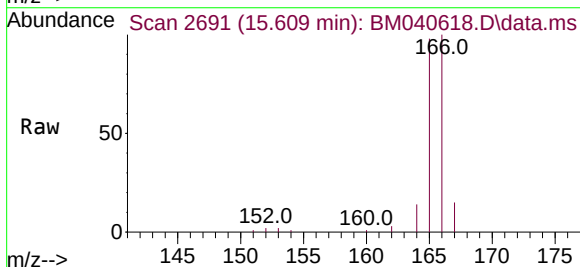
Instrument :
BNA_M
ClientSampleId :

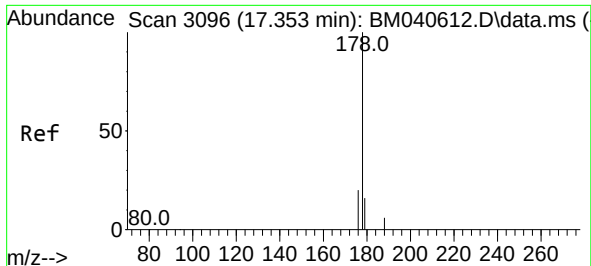
Tgt Ion:153 Resp: 26238
Ion Ratio Lower Upper
153 100
152 49.7 41.0 61.4
154 85.6 70.8 106.2



#12
Fluorene
Concen: 0.547 ng/ul
RT: 15.609 min Scan# 2691
Delta R.T. -0.009 min
Lab File: BM040618.D
Acq: 04 Jul 2023 19:02

Tgt Ion:166 Resp: 27824
Ion Ratio Lower Upper
166 100
165 98.2 79.6 119.4
167 15.5 11.4 17.0

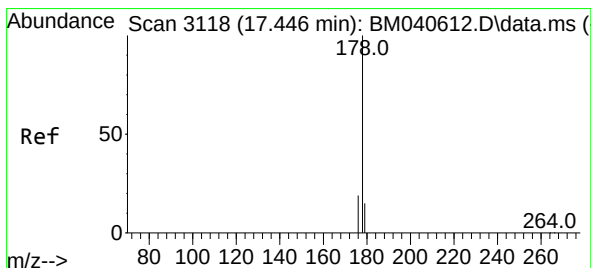
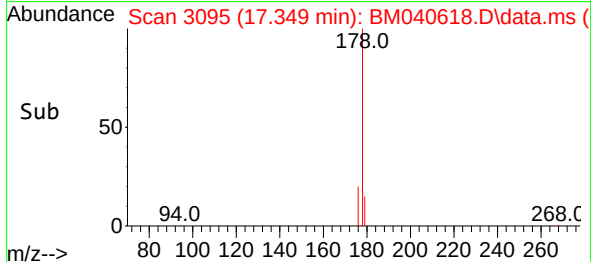
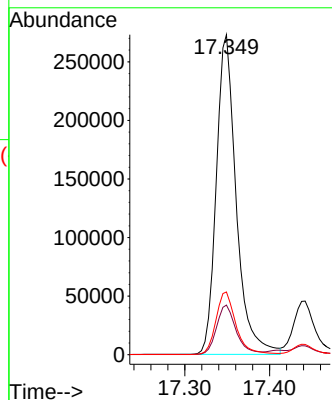
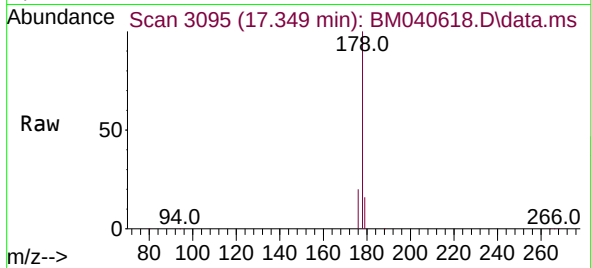




#15
Phenanthrene
Concen: 5.839 ng/ul
RT: 17.349 min Scan# 3095
Delta R.T. -0.013 min
Lab File: BM040618.D
Acq: 04 Jul 2023 19:02

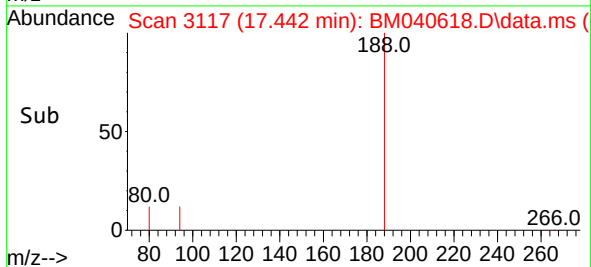
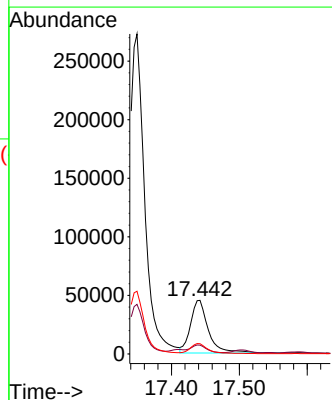
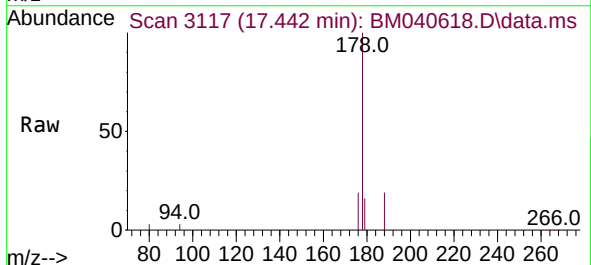
Instrument :
BNA_M
ClientSampleId :

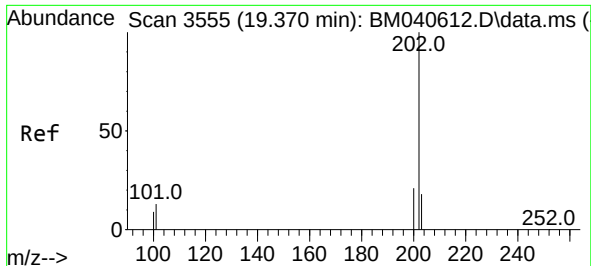
Tgt Ion:178 Resp: 444691
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.6 16.4 24.6



#16
Anthracene
Concen: 1.287 ng/ul
RT: 17.442 min Scan# 3117
Delta R.T. -0.013 min
Lab File: BM040618.D
Acq: 04 Jul 2023 19:02

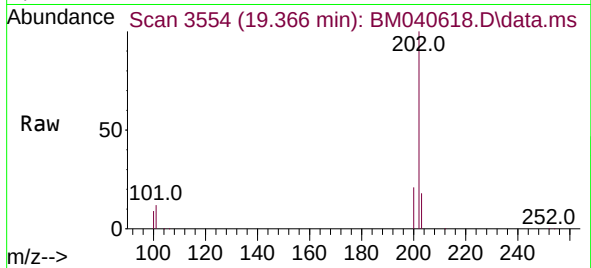
Tgt Ion:178 Resp: 82386
Ion Ratio Lower Upper
178 100
179 16.5 12.9 19.3
176 19.2 15.8 23.6



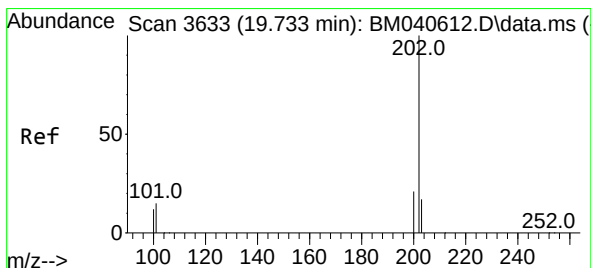
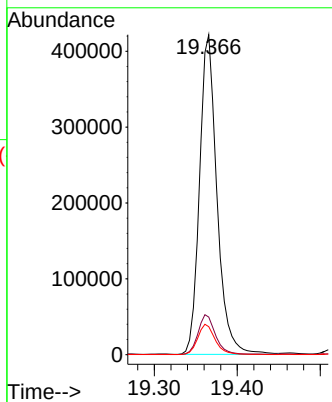
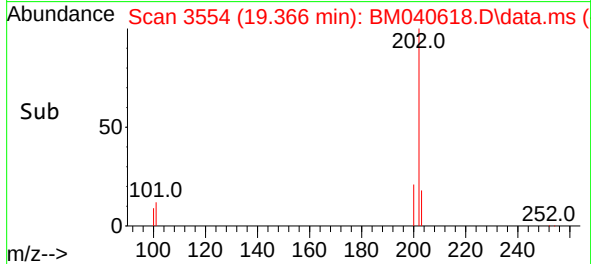


#19
Fluoranthene
Concen: 10.337 ng/ul
RT: 19.366 min Scan# 3554
Delta R.T. -0.014 min
Lab File: BM040618.D
Acq: 04 Jul 2023 19:02

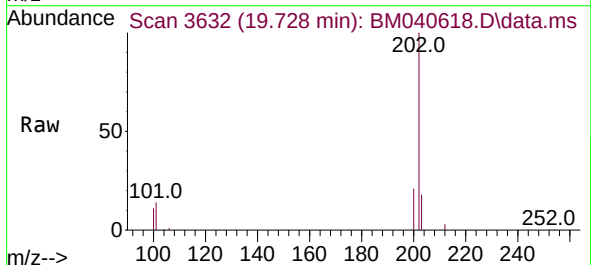
Instrument :
BNA_M
ClientSampleId :



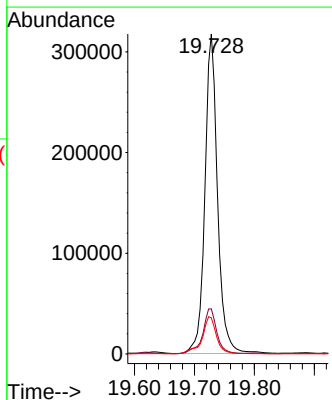
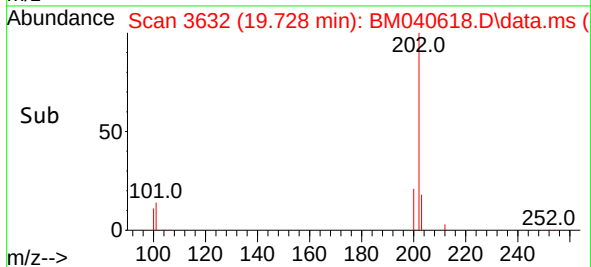
Tgt Ion:202 Resp: 616680
Ion Ratio Lower Upper
202 100
101 11.7 11.4 17.0
100 8.8 8.7 13.1

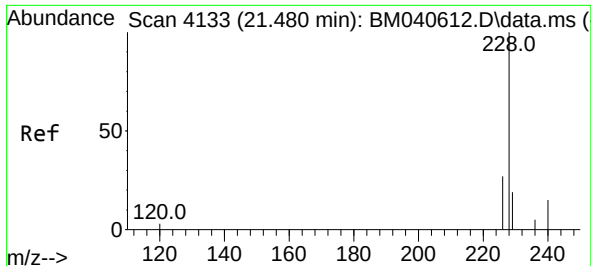


#20
Pyrene
Concen: 7.254 ng/ul
RT: 19.728 min Scan# 3632
Delta R.T. -0.014 min
Lab File: BM040618.D
Acq: 04 Jul 2023 19:02



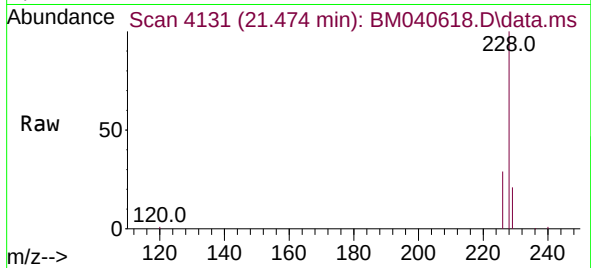
Tgt Ion:202 Resp: 463971
Ion Ratio Lower Upper
202 100
101 14.1 12.6 18.8
100 11.3 9.8 14.6



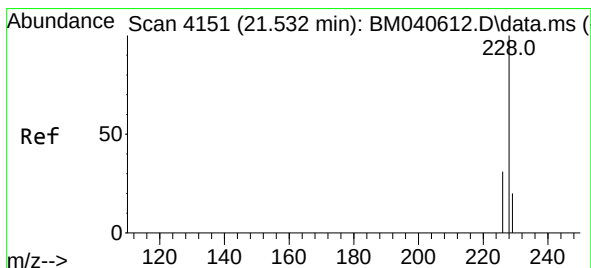
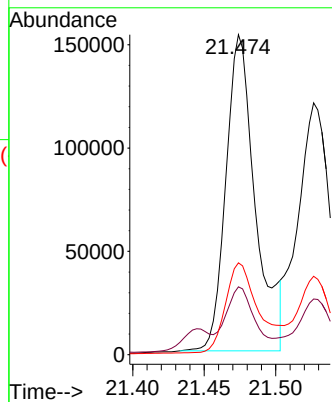
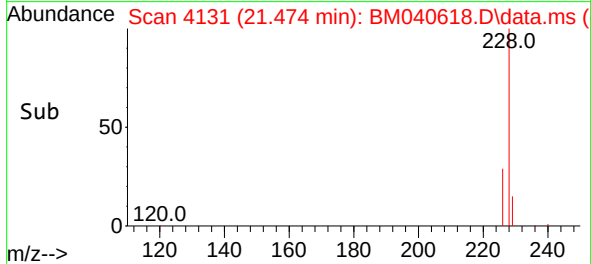


#21
Benzo(a)anthracene
Concen: 4.611 ng/ul
RT: 21.474 min Scan# 4131
Delta R.T. -0.015 min
Lab File: BM040618.D
Acq: 04 Jul 2023 19:02

Instrument :
BNA_M
ClientSampleId :

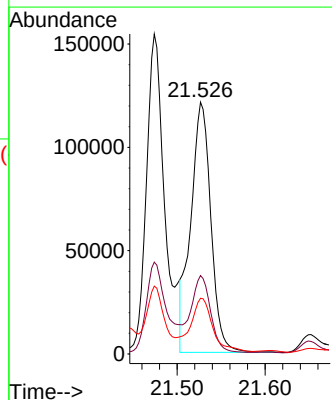
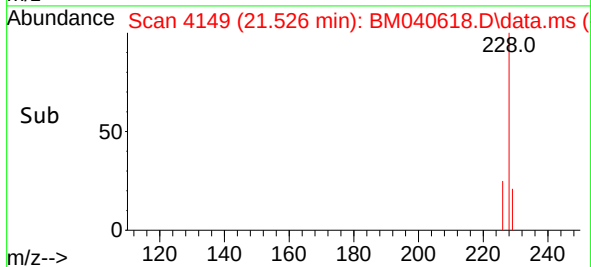
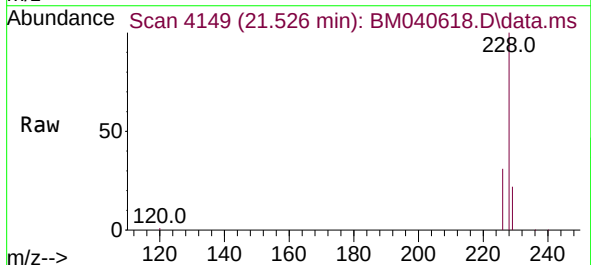


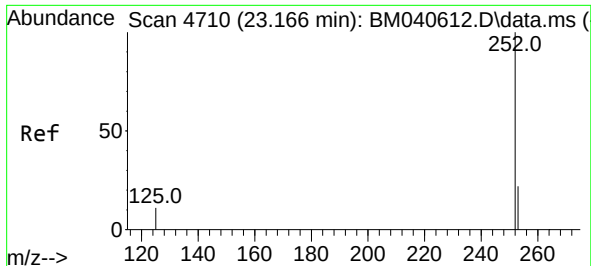
Tgt Ion:228 Resp: 219064
Ion Ratio Lower Upper
228 100
229 21.2 16.0 24.0
226 28.7 22.3 33.5



#22
Chrysene
Concen: 3.562 ng/ul
RT: 21.526 min Scan# 4149
Delta R.T. -0.015 min
Lab File: BM040618.D
Acq: 04 Jul 2023 19:02

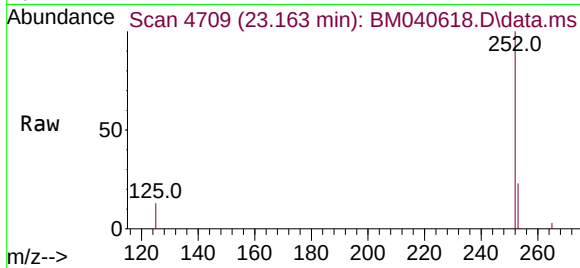
Tgt Ion:228 Resp: 193027
Ion Ratio Lower Upper
228 100
226 31.2 24.9 37.3
229 22.1 15.8 23.6



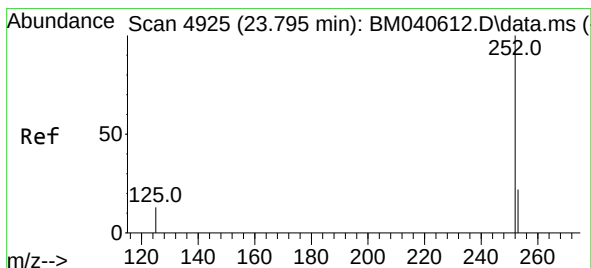
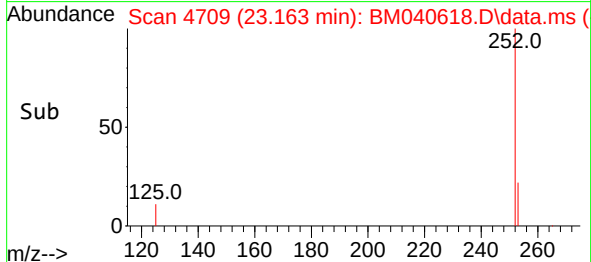
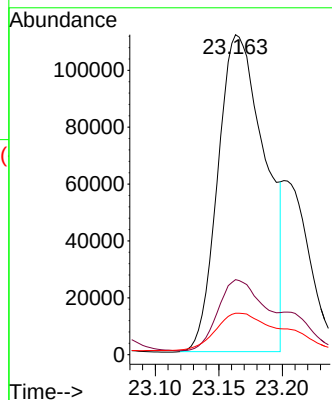


#24
Benzo(b)fluoranthene
Concen: 5.238 ng/ul
RT: 23.163 min Scan# 4710
Delta R.T. -0.018 min
Lab File: BM040618.D
Acq: 04 Jul 2023 19:02

Instrument :
BNA_M
ClientSampleId :

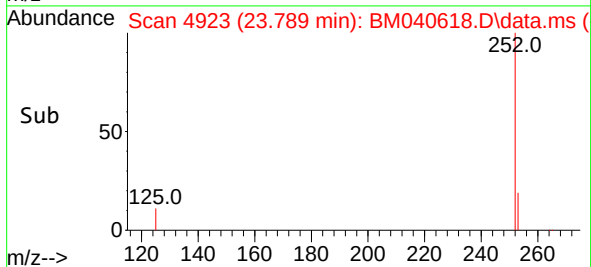
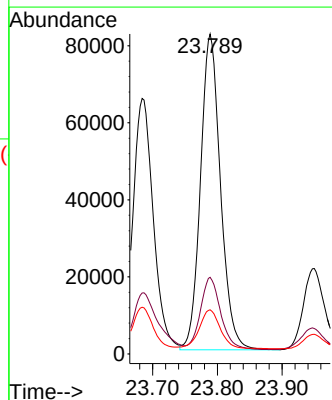
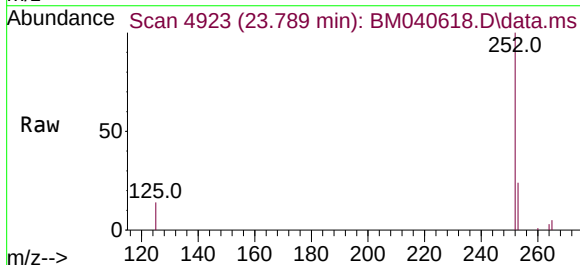


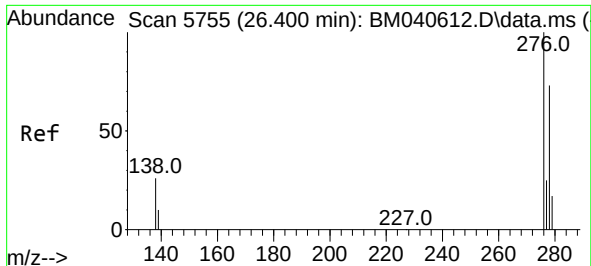
Tgt Ion:252 Resp: 287760
Ion Ratio Lower Upper
252 100
253 23.5 0.0 52.8
125 12.9 0.0 43.0



#26
Benzo(a)pyrene
Concen: 3.554 ng/ul
RT: 23.789 min Scan# 4923
Delta R.T. -0.015 min
Lab File: BM040618.D
Acq: 04 Jul 2023 19:02

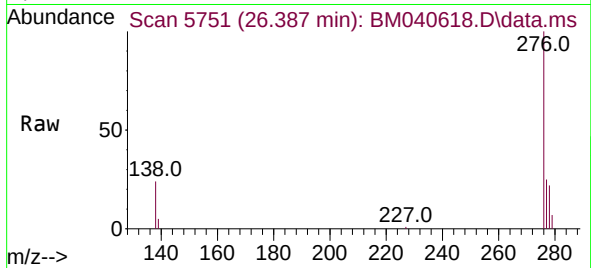
Tgt Ion:252 Resp: 175889
Ion Ratio Lower Upper
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253 23.9 22.9 34.3
125 13.8 21.0 31.4#



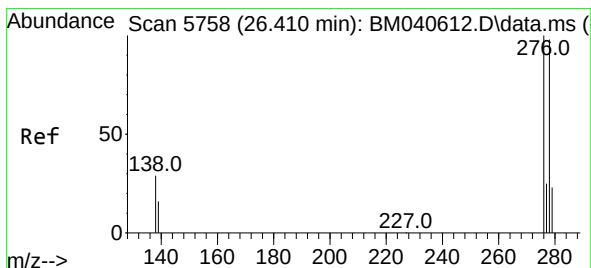
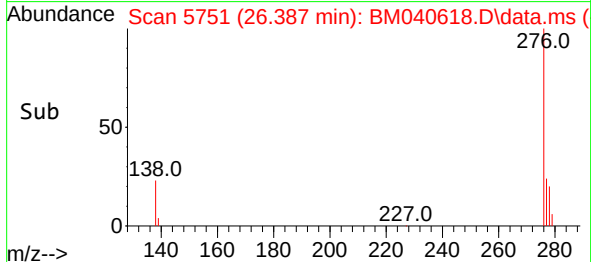
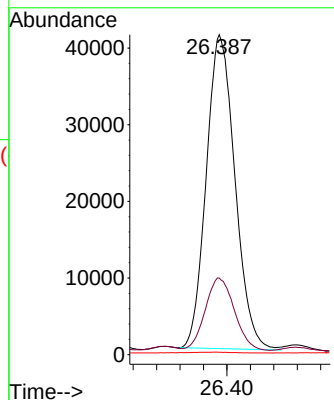


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.017 ng/ul
 RT: 26.387 min Scan# 5751
 Delta R.T. -0.030 min
 Lab File: BM040618.D
 Acq: 04 Jul 2023 19:02

Instrument :
 BNA_M
 ClientSampleId :

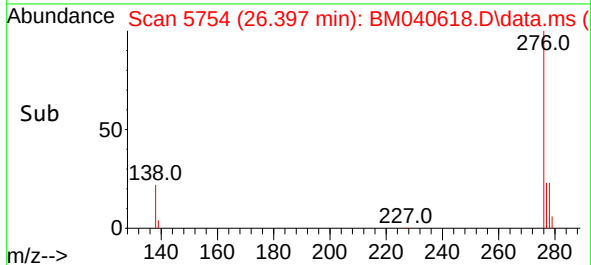
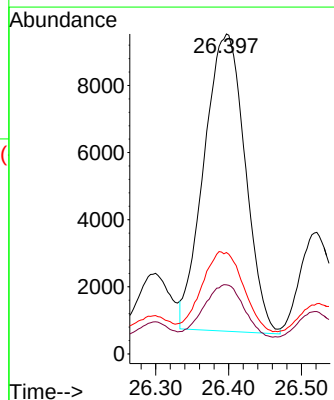
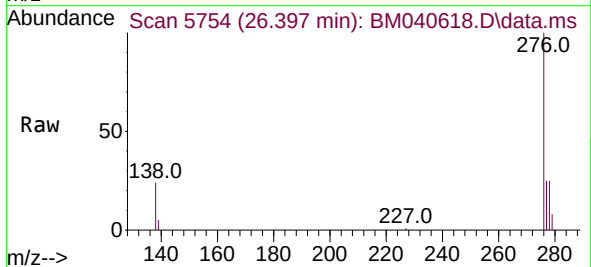


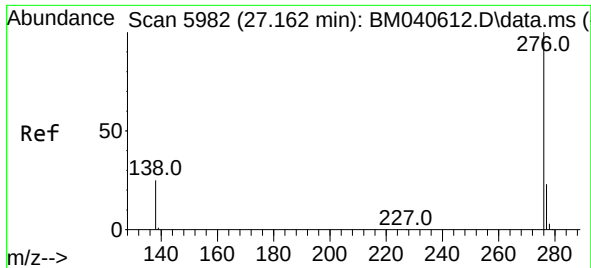
Tgt Ion:276 Resp: 139020
 Ion Ratio Lower Upper
 276 100
 138 23.5 24.5 36.7#
 227 0.4 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.642 ng/ul
 RT: 26.397 min Scan# 5754
 Delta R.T. -0.034 min
 Lab File: BM040618.D
 Acq: 04 Jul 2023 19:02

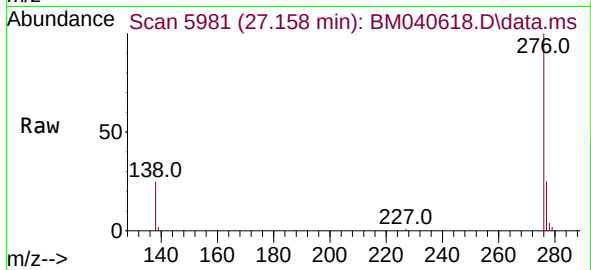
Tgt Ion:278 Resp: 34656
 Ion Ratio Lower Upper
 278 100
 139 21.6 17.9 26.9
 279 31.7 22.0 33.0





#29
 Benzo(g,h,i)perylene
 Concen: 2.041 ng/ul
 RT: 27.158 min Scan# 5981
 Delta R.T. -0.024 min
 Lab File: BM040618.D
 Acq: 04 Jul 2023 19:02

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:276 Resp: 123307
 Ion Ratio Lower Upper
 276 100
 138 24.9 23.0 34.6
 277 24.6 20.3 30.5

