

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041704.D
 Acq On : 07 Sep 2023 20:51
 Operator : MA/JU
 Sample : 04113-10DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYH9DL

Quant Time: Sep 08 02:54:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 06 02:20:07 2023
 Response via : Initial Calibration

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

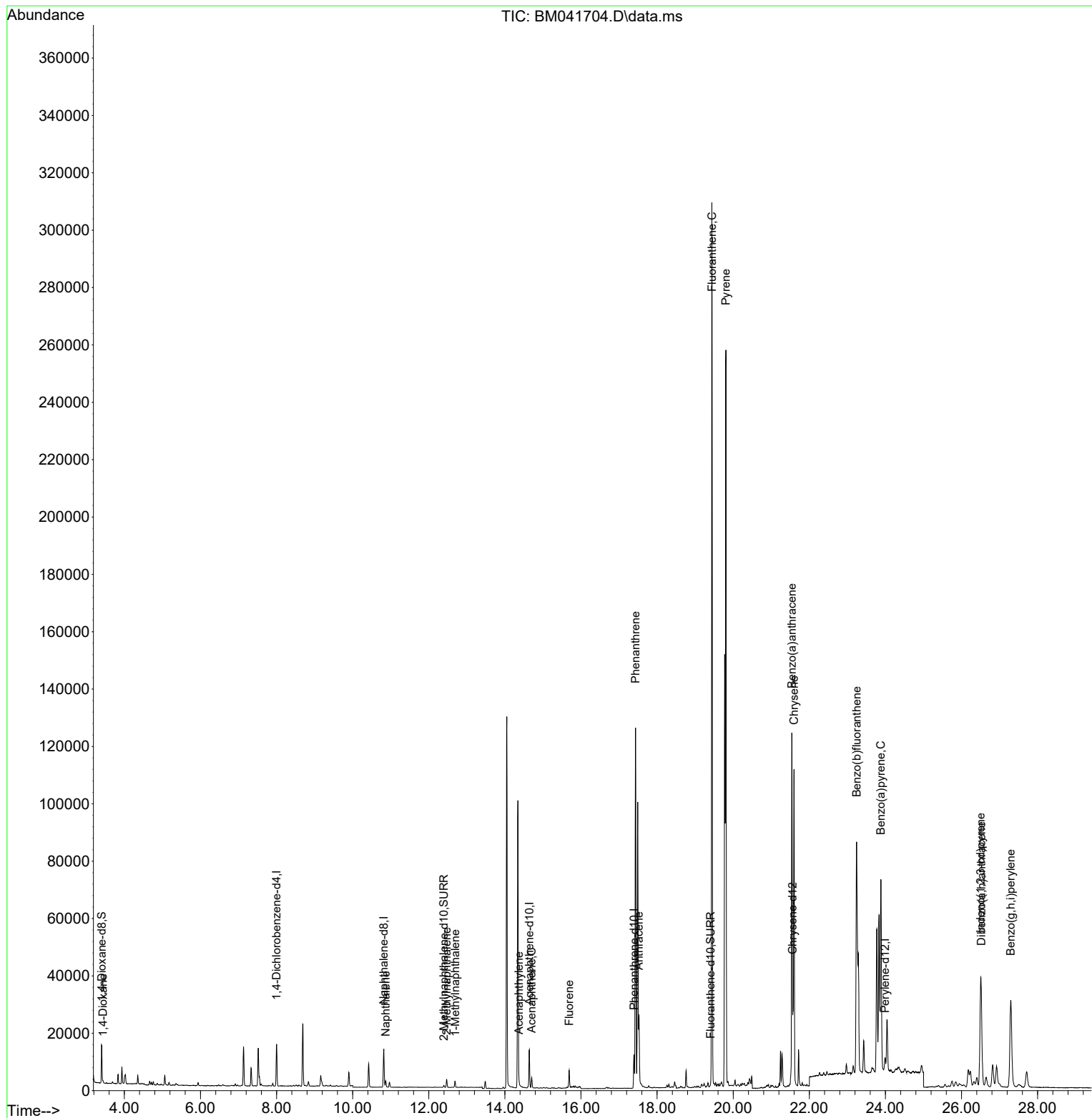
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	7021	0.400	ng/ul	0.00
4) Naphthalene-d8	10.818	136	16796	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.643	164	6764	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	12518	0.400	ng/ul	0.00
17) Chrysene-d12	21.559	240	5619	0.400	ng/ul	-0.01
23) Perylene-d12	23.991	264	6412	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	7342	0.684	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	888	0.041	ng/ul	-0.01
18) Fluoranthene-d10	19.408	212	1037	0.038	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	391	0.035	ng/ul#	43
5) Naphthalene	10.867	128	2993	0.054	ng/ul#	92
7) 2-Methylnaphthalene	12.473	142	1923	0.061	ng/ul	97
8) 1-Methylnaphthalene	12.693	142	1496	0.048	ng/ul	99
10) Acenaphthylene	14.370	152	1328	0.032	ng/ul#	84
11) Acenaphthene	14.703	153	2166	0.067	ng/ul	99
12) Fluorene	15.688	166	3930	0.108	ng/ul	98
15) Phenanthrene	17.434	178	132882	2.514	ng/ul	98
16) Anthracene	17.523	178	25955	0.573	ng/ul	99
19) Fluoranthene	19.441	202	246849	3.722	ng/ul	99
20) Pyrene	19.808	202	212446	3.225	ng/ul	99
21) Benzo(a)anthracene	21.542	228	104794	2.287	ng/ul	99
22) Chrysene	21.597	228	103997	2.103	ng/ul	98
24) Benzo(b)fluoranthene	23.243	252	139542	2.432	ng/ul	91
26) Benzo(a)pyrene	23.880	252	95889	2.057	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.505	276	67515	1.056	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.518	278	15527	0.346	ng/ul	98
29) Benzo(g,h,i)perylene	27.293	276	67205	1.186	ng/ul	98

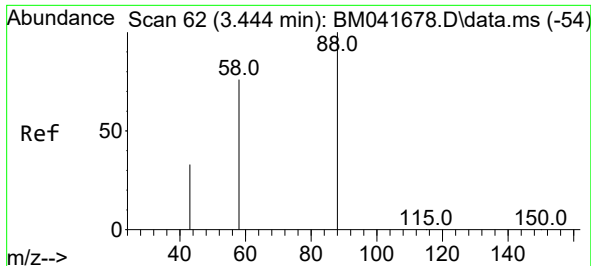
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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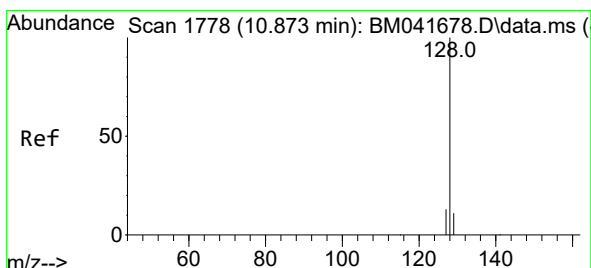
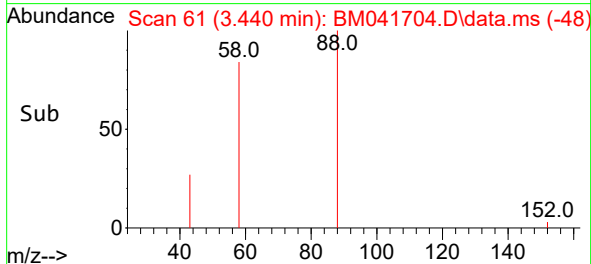
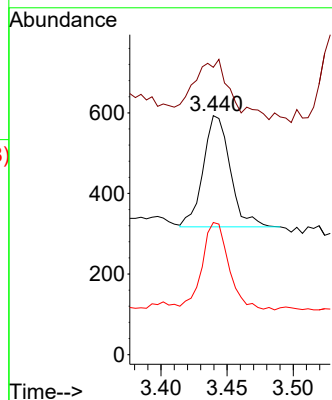
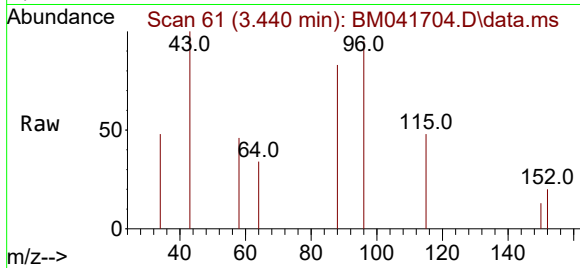




#2
 1,4-Dioxane
 Concen: 0.035 ng/ul
 RT: 3.440 min Scan# 61
 Delta R.T. -0.004 min
 Lab File: BM041704.D
 Acq: 07 Sep 2023 20:51

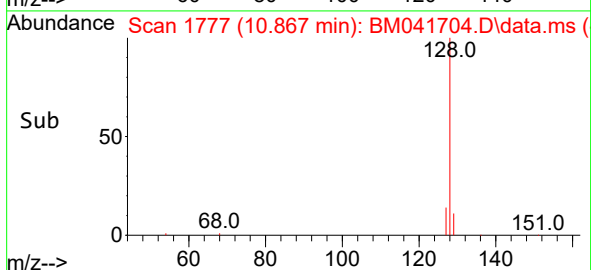
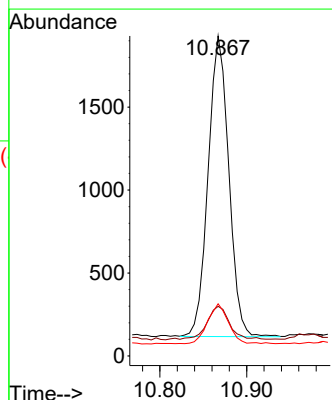
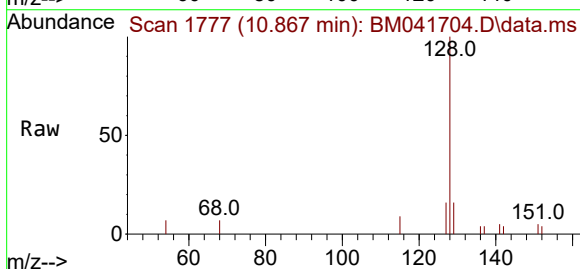
Instrument :
 BNA_M
 ClientSampleId :
 EZYH9DL

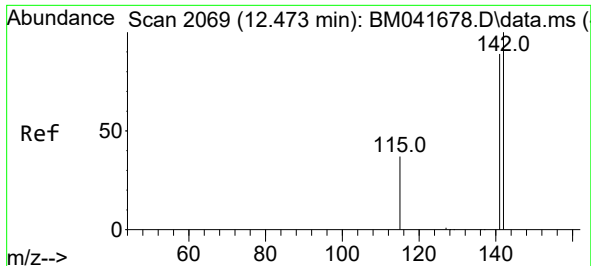
Tgt Ion: 88 Resp: 391
 Ion Ratio Lower Upper
 88 100
 43 120.2 33.8 50.6#
 58 55.3 54.2 81.2



#5
 Naphthalene
 Concen: 0.054 ng/ul
 RT: 10.867 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: BM041704.D
 Acq: 07 Sep 2023 20:51

Tgt Ion: 128 Resp: 2993
 Ion Ratio Lower Upper
 128 100
 129 15.5 9.4 14.0#
 127 16.3 11.0 16.6

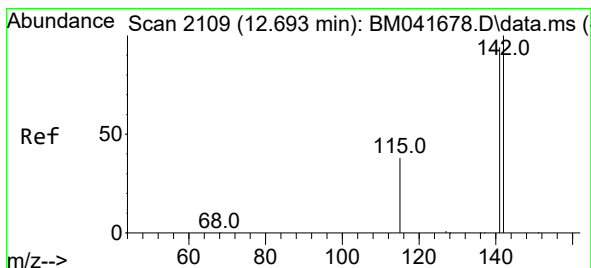
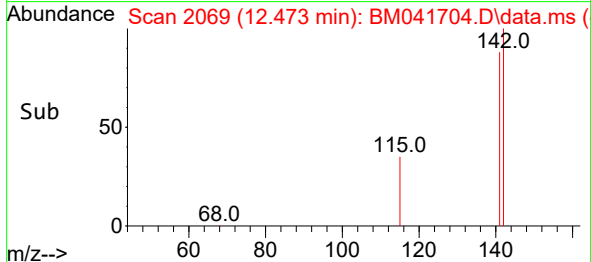
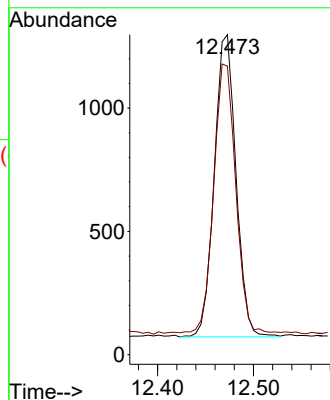
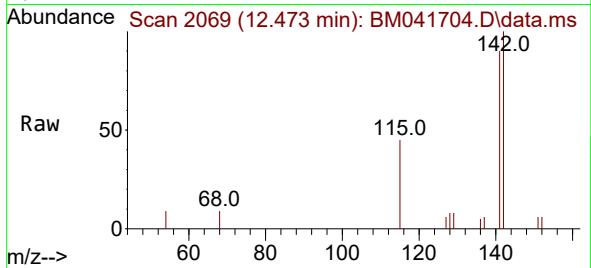




#7
2-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.473 min Scan# 2069
Delta R.T. -0.006 min
Lab File: BM041704.D
Acq: 07 Sep 2023 20:51

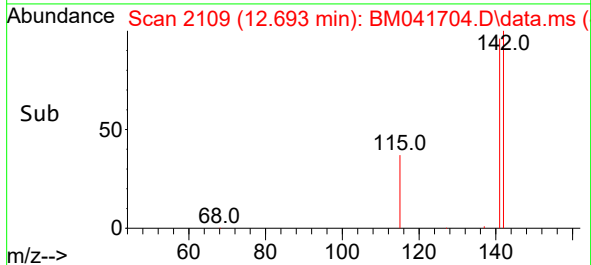
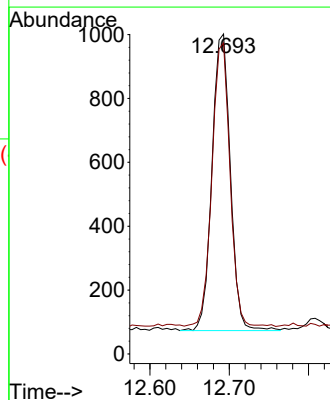
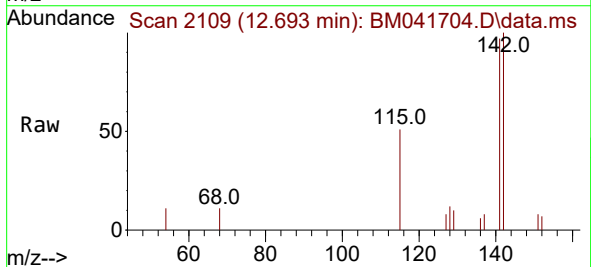
Instrument :
BNA_M
ClientSampleId :
EZYH9DL

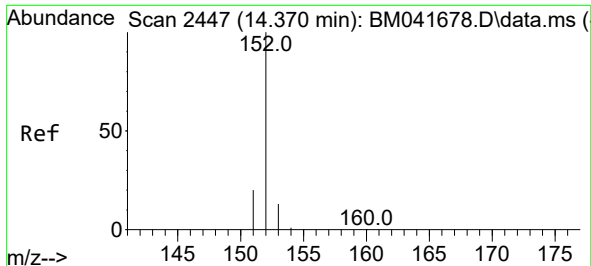
Tgt Ion:142 Resp: 1923
Ion Ratio Lower Upper
142 100
141 92.8 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.693 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BM041704.D
Acq: 07 Sep 2023 20:51

Tgt Ion:142 Resp: 1496
Ion Ratio Lower Upper
142 100
141 93.6 74.4 111.6

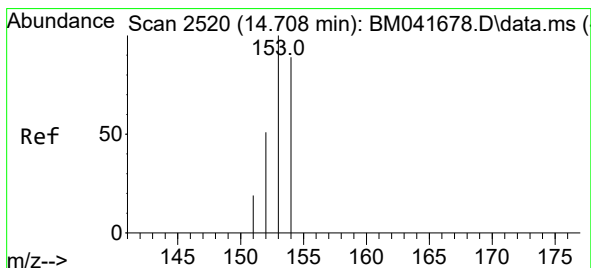
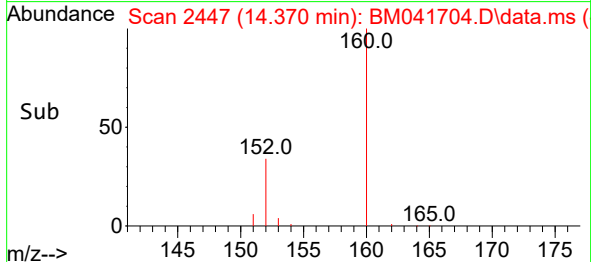
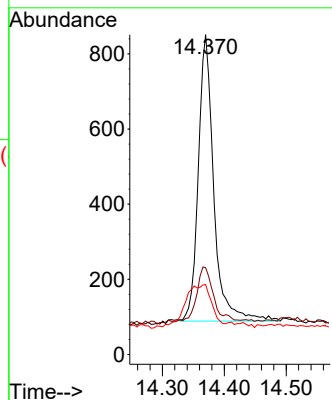
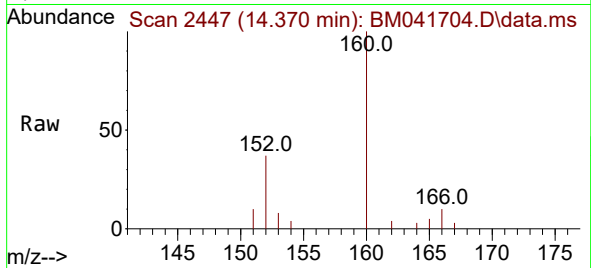




#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 14.370 min Scan# 2447
Delta R.T. -0.005 min
Lab File: BM041704.D
Acq: 07 Sep 2023 20:51

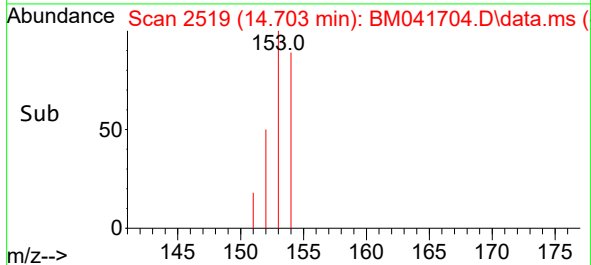
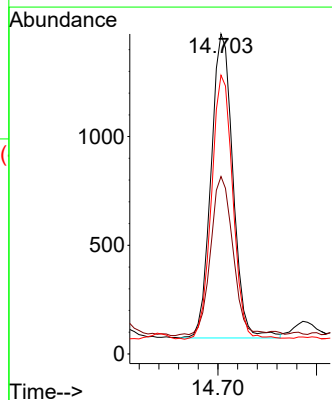
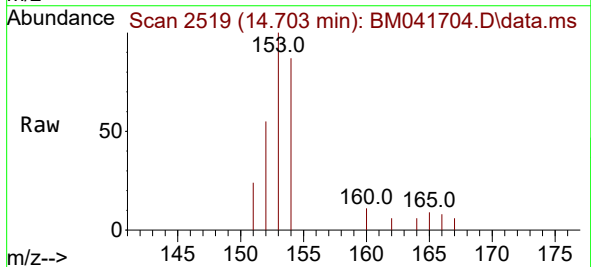
Instrument :
BNA_M
ClientSampleId :
EZYH9DL

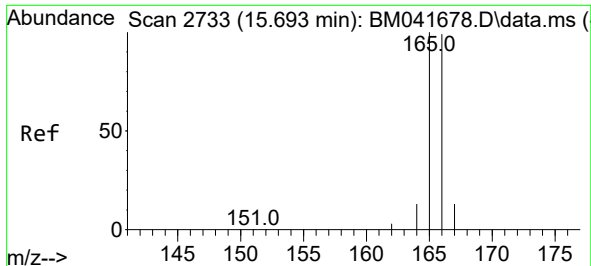
Tgt Ion:152 Resp: 1328
Ion Ratio Lower Upper
152 100
151 27.1 16.4 24.6#
153 21.9 11.1 16.7#



#11
Acenaphthene
Concen: 0.067 ng/ul
RT: 14.703 min Scan# 2519
Delta R.T. -0.009 min
Lab File: BM041704.D
Acq: 07 Sep 2023 20:51

Tgt Ion:153 Resp: 2166
Ion Ratio Lower Upper
153 100
152 55.4 43.4 65.2
154 87.1 69.4 104.0

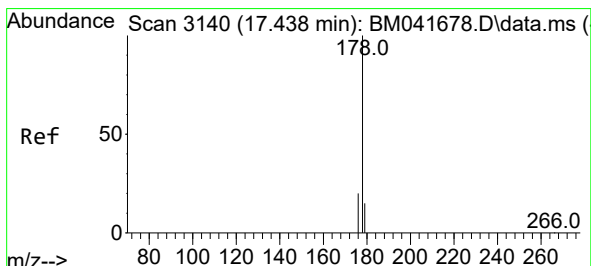
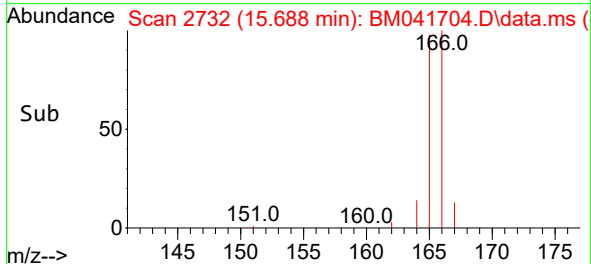
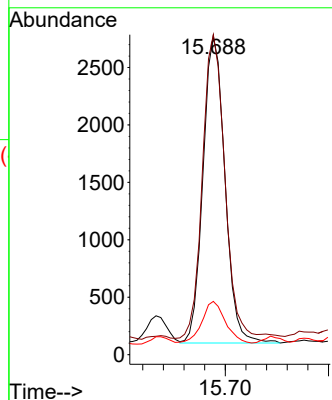
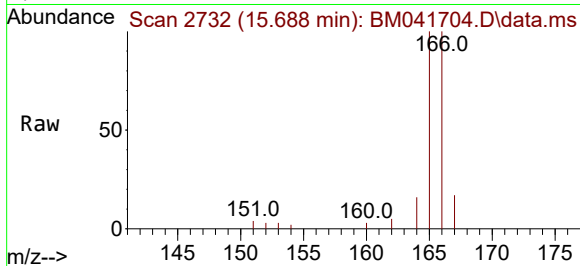




#12
Fluorene
Concen: 0.108 ng/ul
RT: 15.688 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM041704.D
Acq: 07 Sep 2023 20:51

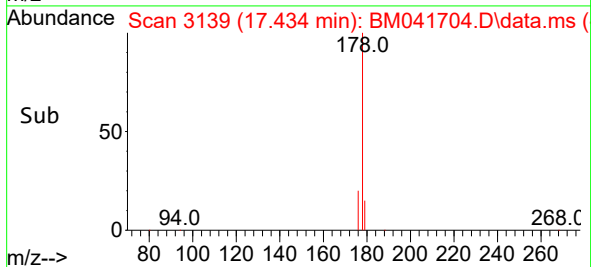
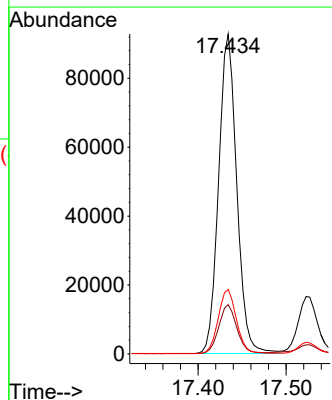
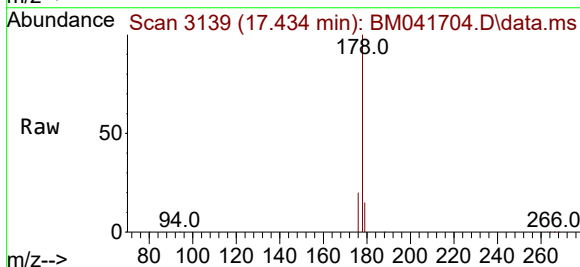
Instrument :
BNA_M
ClientSampleId :
EZYH9DL

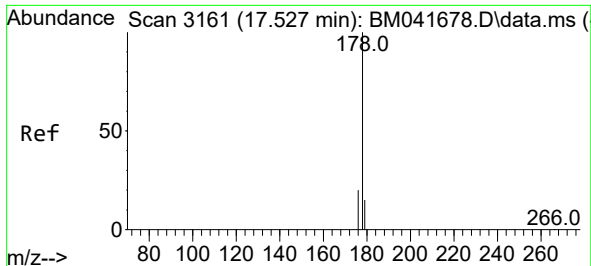
Tgt Ion:166 Resp: 3930
Ion Ratio Lower Upper
166 100
165 100.4 79.4 119.2
167 16.7 11.3 16.9



#15
Phenanthrene
Concen: 2.514 ng/ul
RT: 17.434 min Scan# 3139
Delta R.T. -0.009 min
Lab File: BM041704.D
Acq: 07 Sep 2023 20:51

Tgt Ion:178 Resp: 132882
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 20.2 16.9 25.3

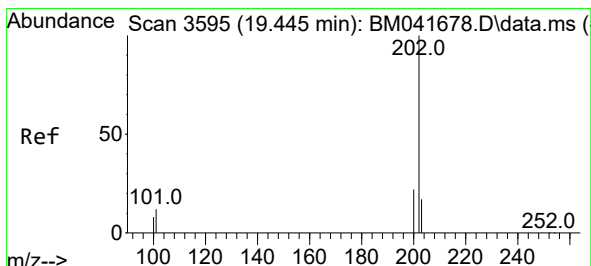
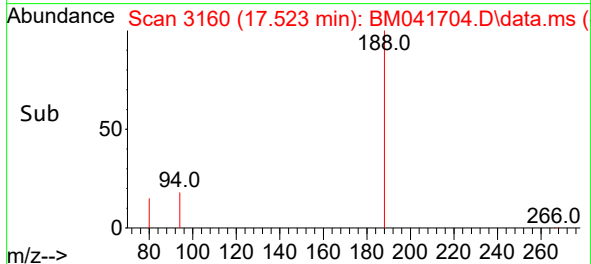
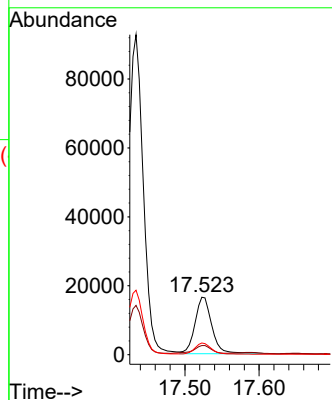
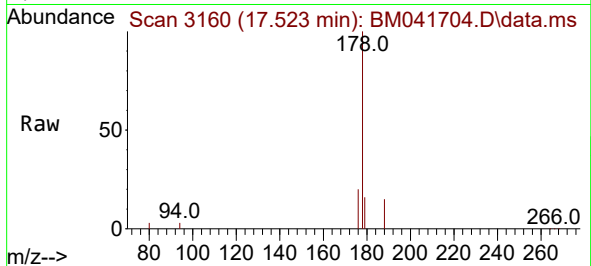




#16
 Anthracene
 Concen: 0.573 ng/ul
 RT: 17.523 min Scan# 3161
 Delta R.T. -0.013 min
 Lab File: BM041704.D
 Acq: 07 Sep 2023 20:51

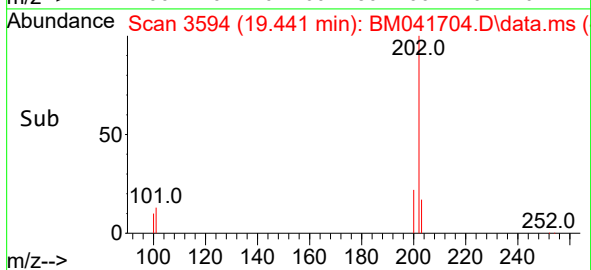
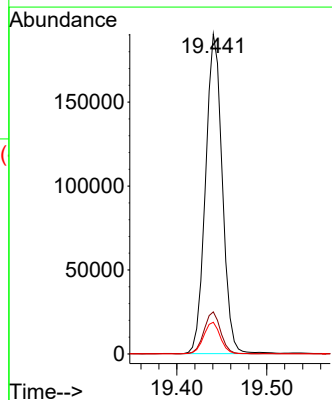
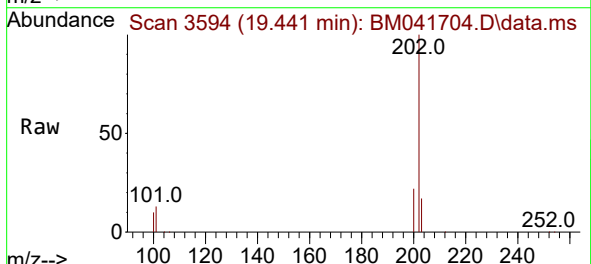
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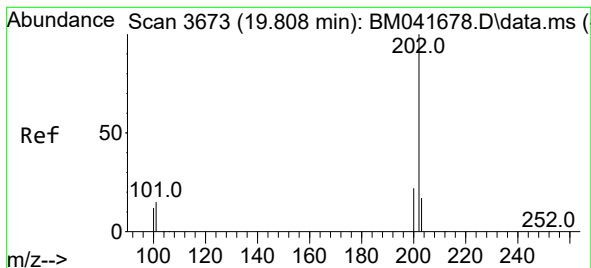
Tgt Ion:	178	Resp:	25955
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.9	19.3
176	20.3	15.8	23.8



#19
 Fluoranthene
 Concen: 3.722 ng/ul
 RT: 19.441 min Scan# 3594
 Delta R.T. -0.009 min
 Lab File: BM041704.D
 Acq: 07 Sep 2023 20:51

Tgt Ion:	202	Resp:	246849
Ion Ratio	Lower	Upper	
202	100		
101	13.1	10.5	15.7
100	9.9	8.4	12.6





#20

Pyrene

Concen: 3.225 ng/ul

RT: 19.808 min Scan# 3

Delta R.T. -0.009 min

Lab File: BM041704.D

Acq: 07 Sep 2023 20:51

Instrument :

BNA_M

ClientSampleId :

EZYH9DL

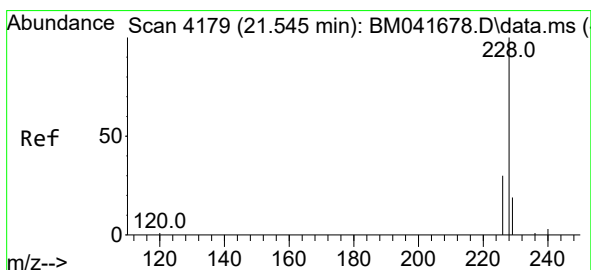
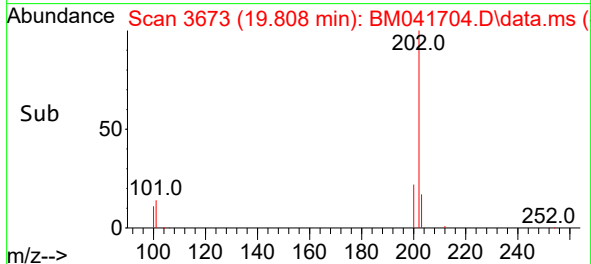
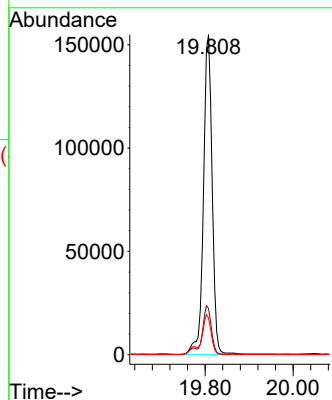
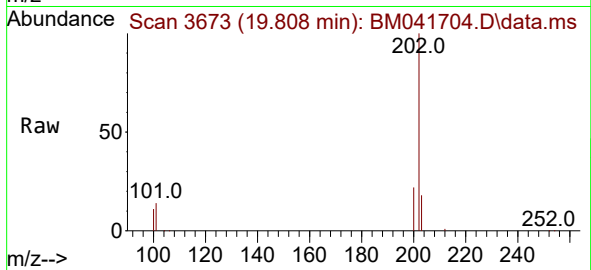
Tgt Ion:202 Resp: 212446

Ion Ratio Lower Upper

202 100

101 14.5 11.8 17.8

100 11.5 9.8 14.6



#21

Benzo(a)anthracene

Concen: 2.287 ng/ul

RT: 21.542 min Scan# 4178

Delta R.T. -0.012 min

Lab File: BM041704.D

Acq: 07 Sep 2023 20:51

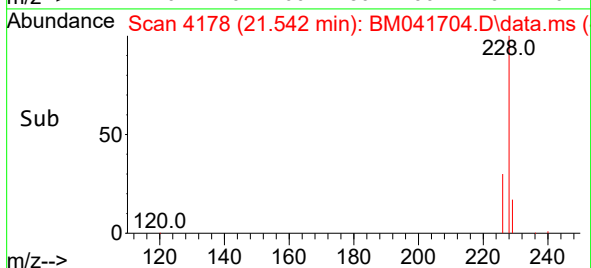
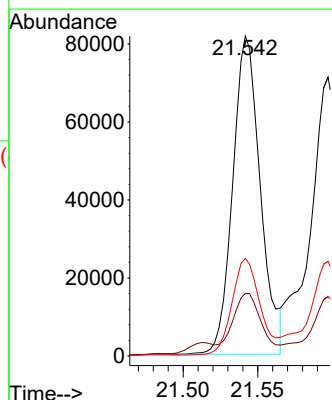
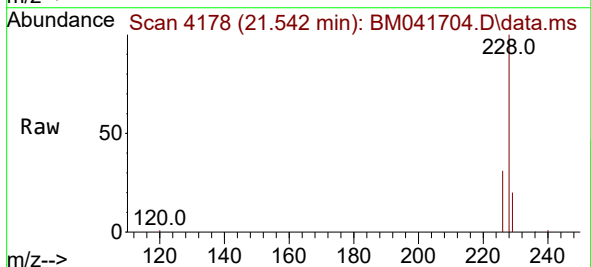
Tgt Ion:228 Resp: 104794

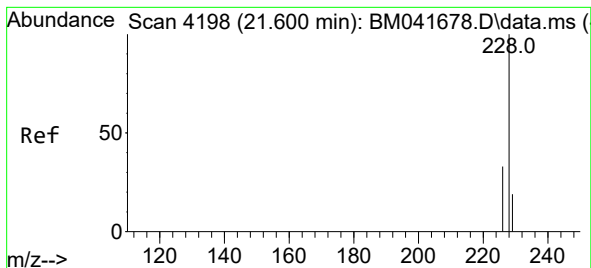
Ion Ratio Lower Upper

228 100

229 19.5 15.8 23.6

226 30.5 24.8 37.2





#22

Chrysene

Concen: 2.103 ng/ul

RT: 21.597 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM041704.D

Acq: 07 Sep 2023 20:51

Instrument :

BNA_M

ClientSampleId :

EZYH9DL

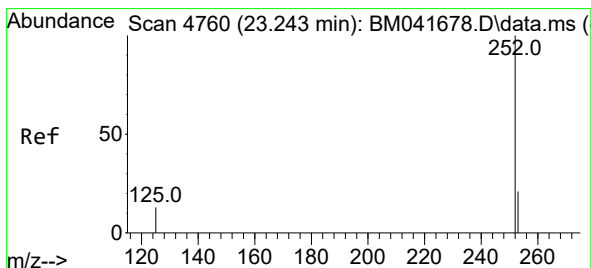
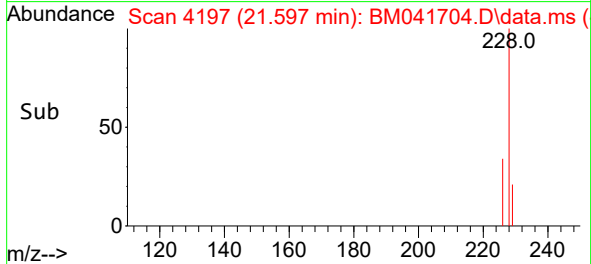
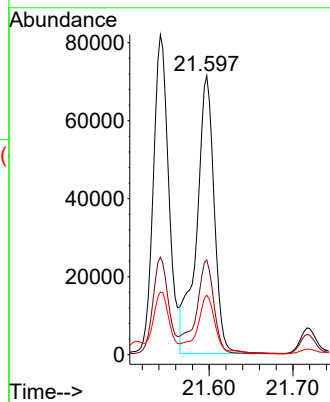
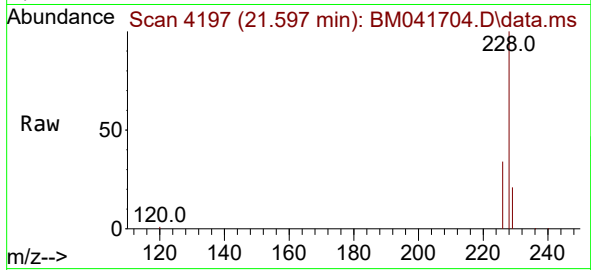
Tgt Ion:228 Resp: 103997

Ion Ratio Lower Upper

228 100

226 34.0 27.0 40.6

229 21.3 15.4 23.2



#24

Benzo(b)fluoranthene

Concen: 2.432 ng/ul

RT: 23.243 min Scan# 4760

Delta R.T. -0.009 min

Lab File: BM041704.D

Acq: 07 Sep 2023 20:51

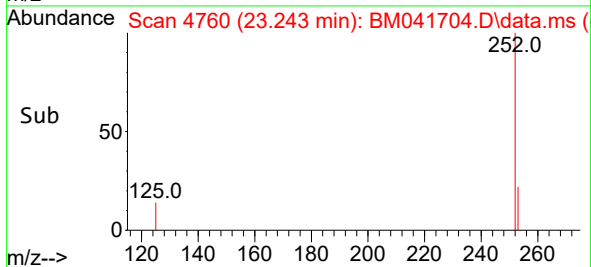
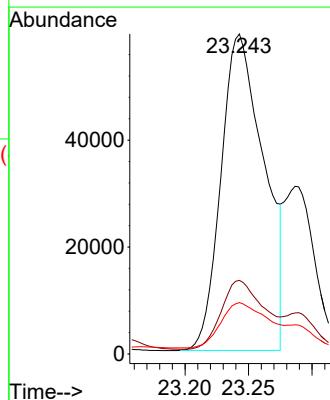
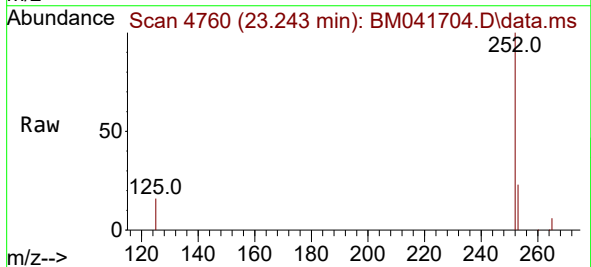
Tgt Ion:252 Resp: 139542

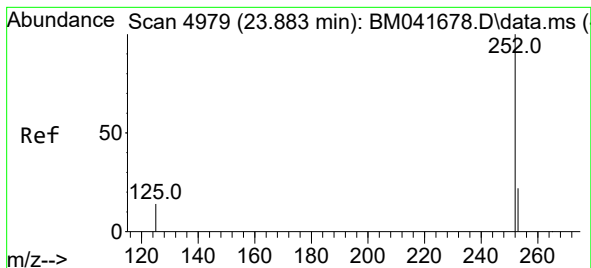
Ion Ratio Lower Upper

252 100

253 23.0 0.0 52.4

125 16.0 0.0 42.8





#26

Benzo(a)pyrene

Concen: 2.057 ng/ul

RT: 23.880 min Scan# 4979

Delta R.T. -0.018 min

Lab File: BM041704.D

Acq: 07 Sep 2023 20:51

Instrument :

BNA_M

ClientSampleId :

EZYH9DL

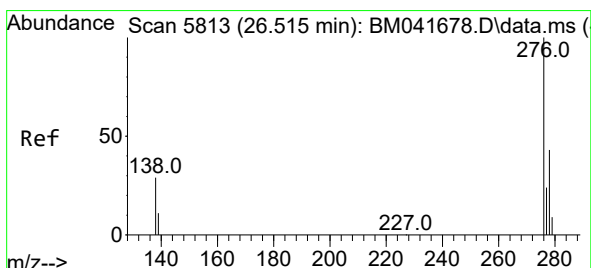
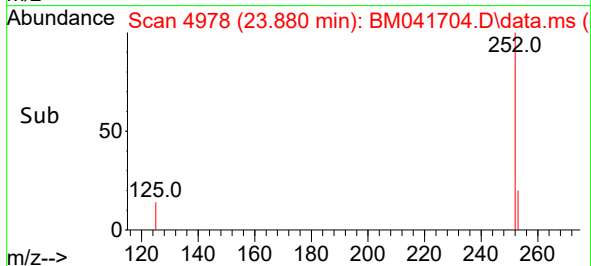
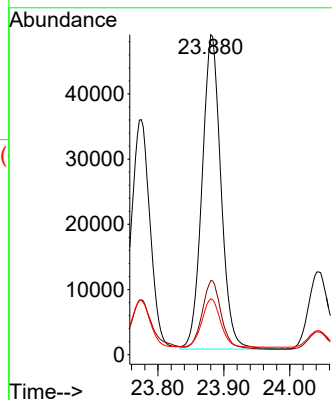
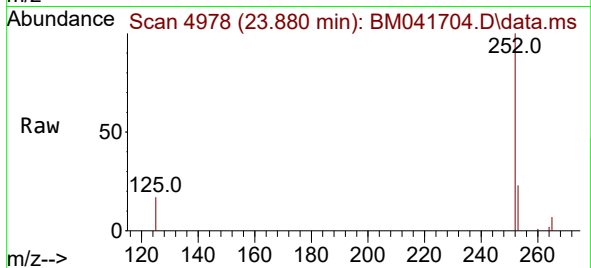
Tgt Ion:252 Resp: 95889

Ion Ratio Lower Upper

252 100

253 23.2 22.4 33.6

125 17.4 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 1.056 ng/ul

RT: 26.505 min Scan# 5810

Delta R.T. -0.027 min

Lab File: BM041704.D

Acq: 07 Sep 2023 20:51

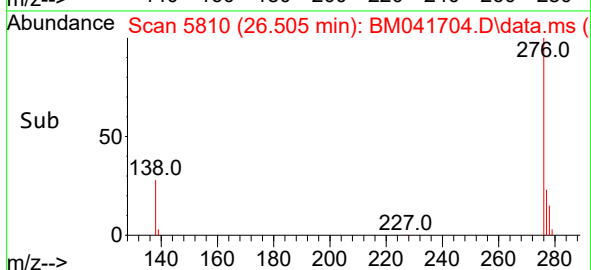
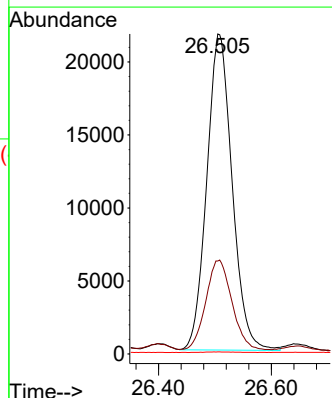
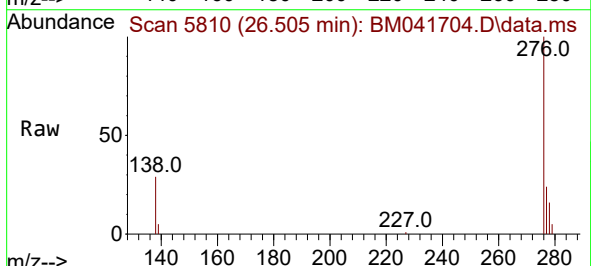
Tgt Ion:276 Resp: 67515

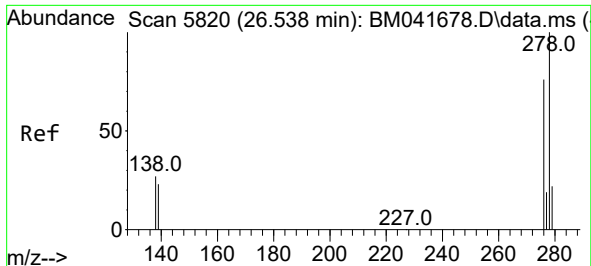
Ion Ratio Lower Upper

276 100

138 29.2 26.4 39.6

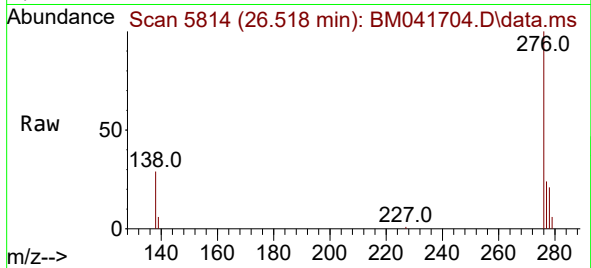
227 0.2 0.1 0.1#



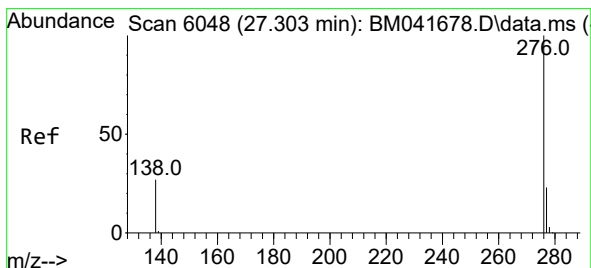
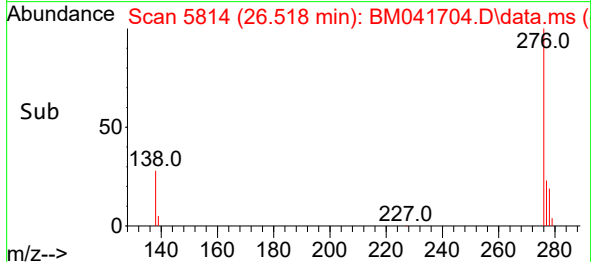
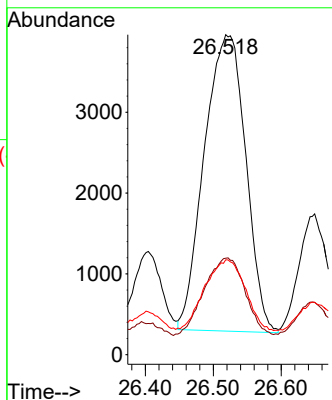


#28
Dibenzo(a,h)anthracene
Concen: 0.346 ng/ul
RT: 26.518 min Scan# 5814
Delta R.T. -0.034 min
Lab File: BM041704.D
Acq: 07 Sep 2023 20:51

Instrument :
BNA_M
ClientSampleId :
EZYH9DL



Tgt Ion:278 Resp: 15527
Ion Ratio Lower Upper
278 100
139 30.2 23.0 34.6
279 29.7 22.9 34.3



#29
Benzo(g,h,i)perylene
Concen: 1.186 ng/ul
RT: 27.293 min Scan# 6045
Delta R.T. -0.024 min
Lab File: BM041704.D
Acq: 07 Sep 2023 20:51

Tgt Ion:276 Resp: 67205
Ion Ratio Lower Upper
276 100
138 30.8 25.0 37.4
277 23.9 20.2 30.2

