

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040876.D
 Acq On : 14 Jul 2023 13:08
 Operator : MA/JU
 Sample : 03418-07DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46E9DL

Quant Time: Jul 15 03:14:44 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 : Fri Jul 14 03:14:53 2023
 Response via : Initial Calibration

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

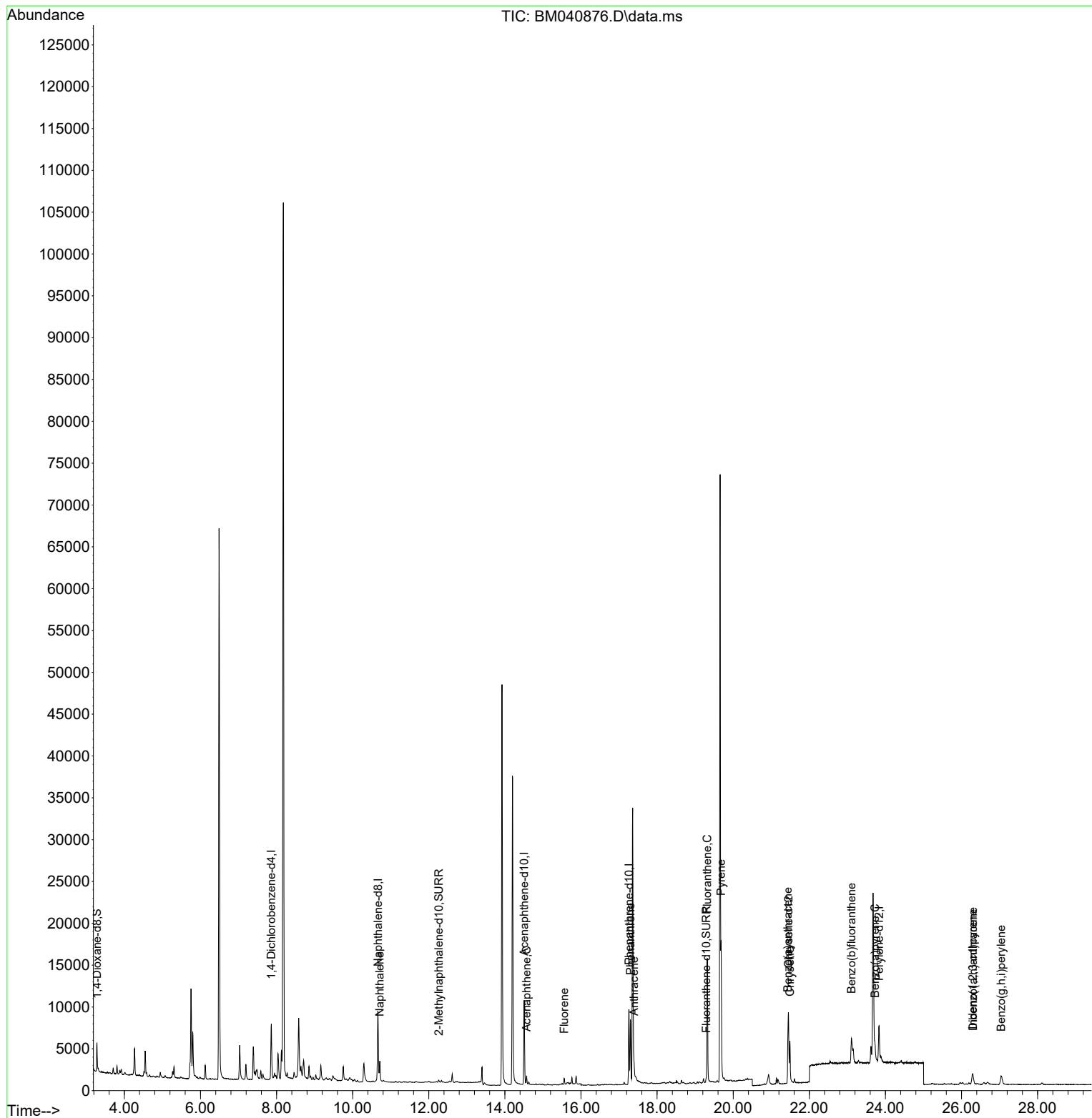
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	3475	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	11988	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.509	164	5663	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	10562	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	6955	0.400	ng/ul	0.00
23) Perylene-d12	23.833	264	6095	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	2008	0.368	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	467	0.028	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	705	0.032	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.713	128	3304	0.100	ng/ul#	93
11) Acenaphthene	14.569	153	568	0.027	ng/ul	94
12) Fluorene	15.559	166	489	0.021	ng/ul#	94
15) Phenanthrene	17.299	178	8524	0.260	ng/ul	98
16) Anthracene	17.392	178	872	0.032	ng/ul#	78
19) Fluoranthene	19.320	202	12966	0.439	ng/ul	98
20) Pyrene	19.682	202	13012	0.411	ng/ul	99
21) Benzo(a)anthracene	21.437	228	4209	0.179	ng/ul	96
22) Chrysene	21.489	228	5179	0.193	ng/ul	95
24) Benzo(b)fluoranthene	23.108	252	5151	0.218	ng/ul	71
26) Benzo(a)pyrene	23.725	252	2233	0.105	ng/ul#	54
27) Indeno(1,2,3-cd)pyrene	26.294	276	2303	0.078	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.304	278	567	0.024	ng/ul#	1
29) Benzo(g,h,i)perylene	27.042	276	2395	0.092	ng/ul#	82

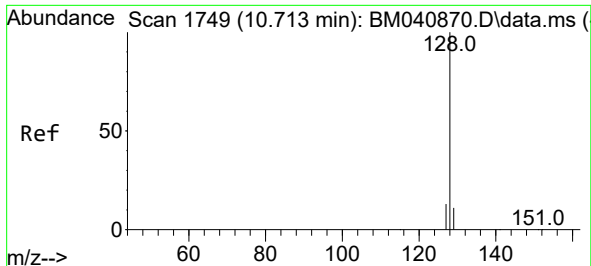
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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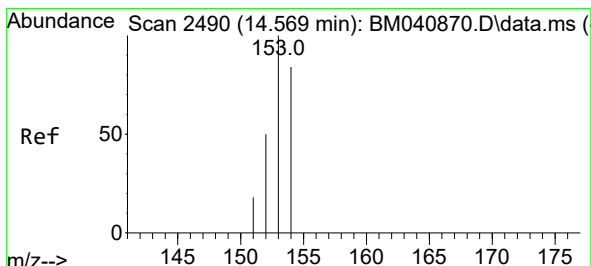
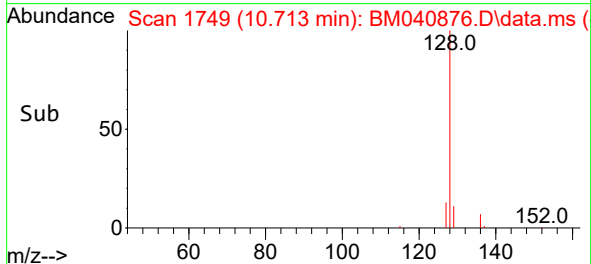
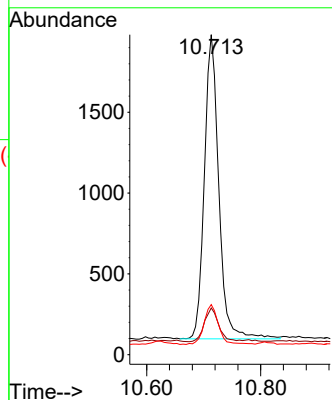
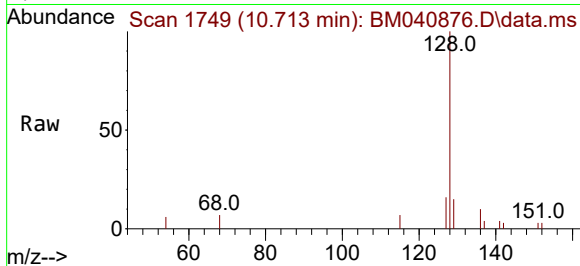




#5
Naphthalene
Concen: 0.100 ng/ul
RT: 10.713 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM040876.D
Acq: 14 Jul 2023 13:08

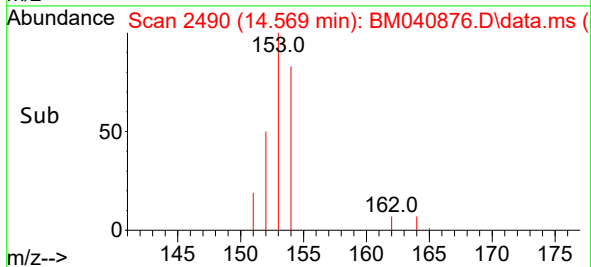
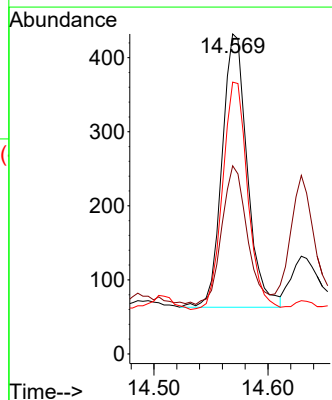
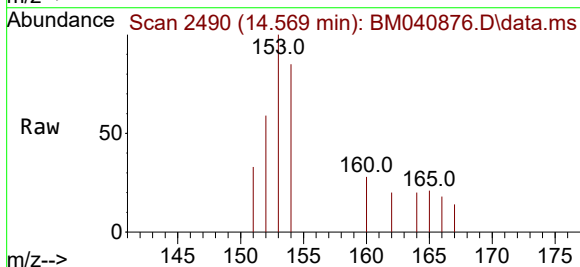
Instrument :
BNA_M
ClientSampleId :
A46E9DL

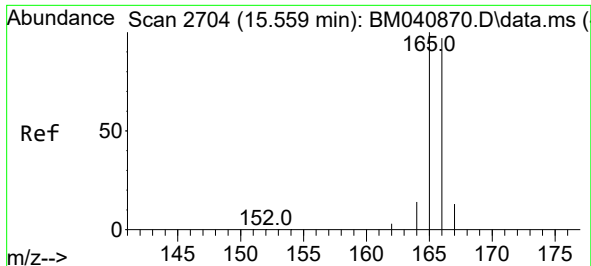
Tgt Ion:128 Resp: 3304
Ion Ratio Lower Upper
128 100
129 14.6 9.2 13.8#
127 15.7 10.6 15.8



#11
Acenaphthene
Concen: 0.027 ng/ul
RT: 14.569 min Scan# 2490
Delta R.T. -0.004 min
Lab File: BM040876.D
Acq: 14 Jul 2023 13:08

Tgt Ion:153 Resp: 568
Ion Ratio Lower Upper
153 100
152 58.8 41.0 61.4
154 85.0 70.8 106.2

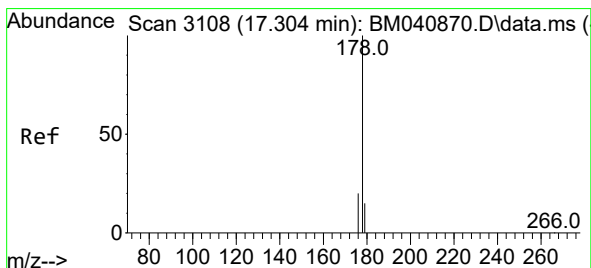
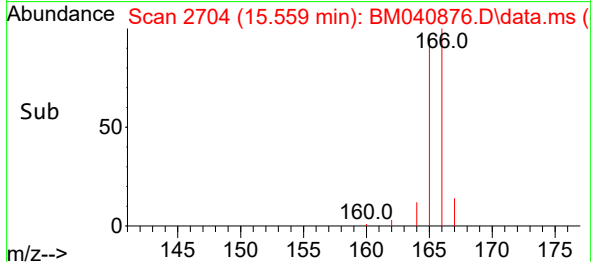
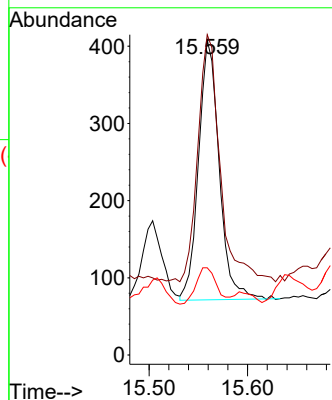
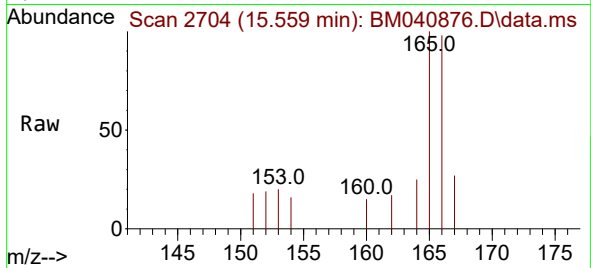




#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.559 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM040876.D
Acq: 14 Jul 2023 13:08

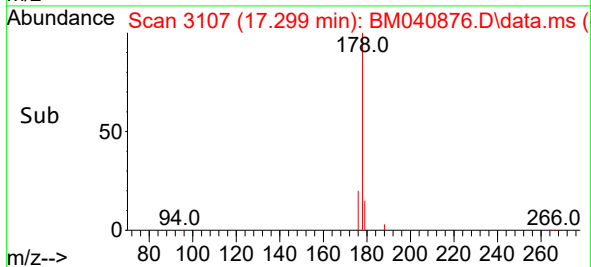
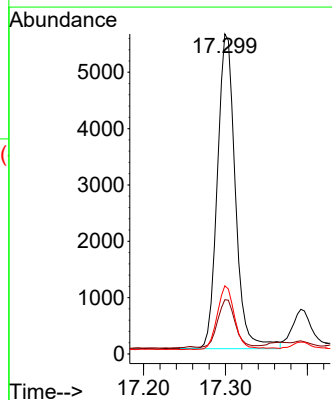
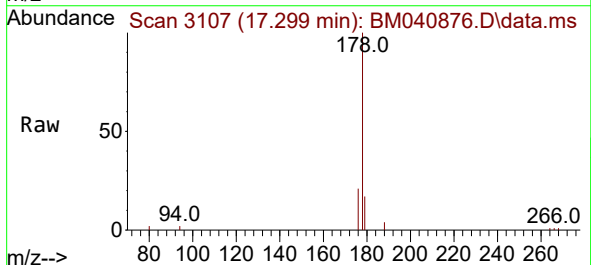
Instrument :
BNA_M
ClientSampleId :
A46E9DL

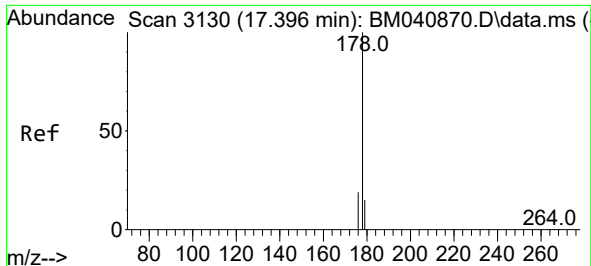
Tgt Ion:166 Resp: 489
Ion Ratio Lower Upper
166 100
165 101.7 79.6 119.4
167 27.7 11.4 17.0#



#15
Phenanthrene
Concen: 0.260 ng/ul
RT: 17.299 min Scan# 3107
Delta R.T. -0.008 min
Lab File: BM040876.D
Acq: 14 Jul 2023 13:08

Tgt Ion:178 Resp: 8524
Ion Ratio Lower Upper
178 100
179 16.9 12.8 19.2
176 21.3 16.4 24.6

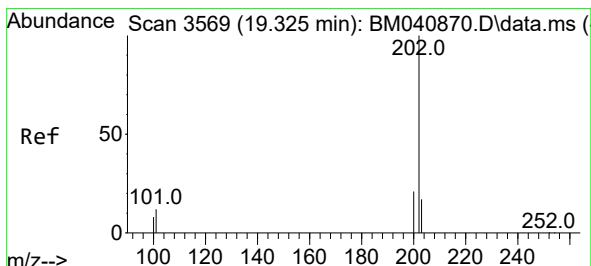
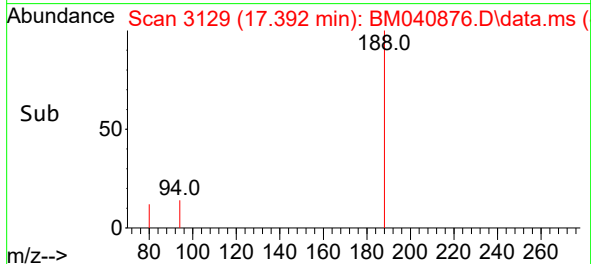
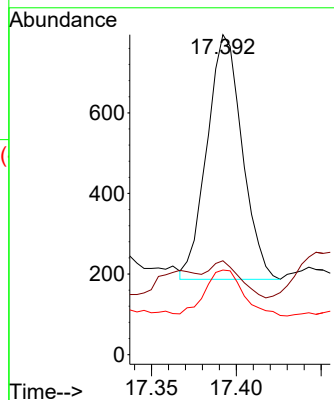
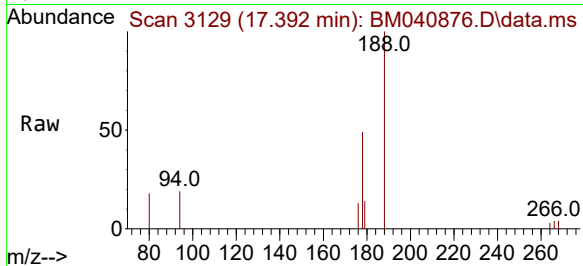




#16
 Anthracene
 Concen: 0.032 ng/ul
 RT: 17.392 min Scan# 3130
 Delta R.T. -0.008 min
 Lab File: BM040876.D
 Acq: 14 Jul 2023 13:08

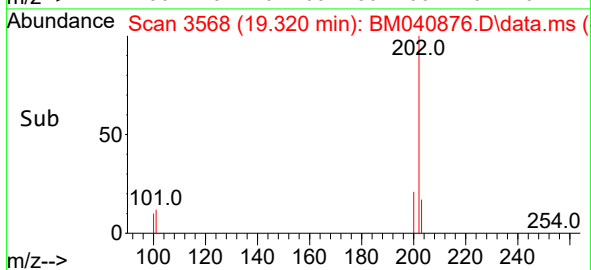
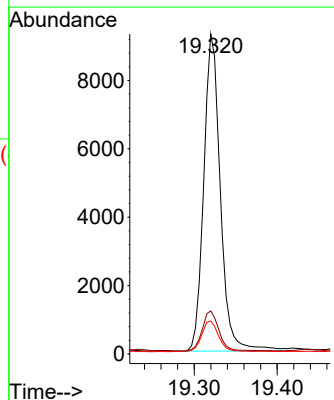
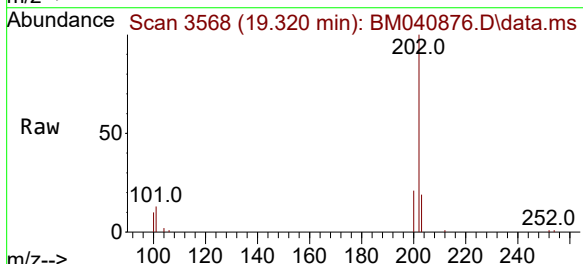
Instrument :
 BNA_M
 ClientSampleId :
 A46E9DL

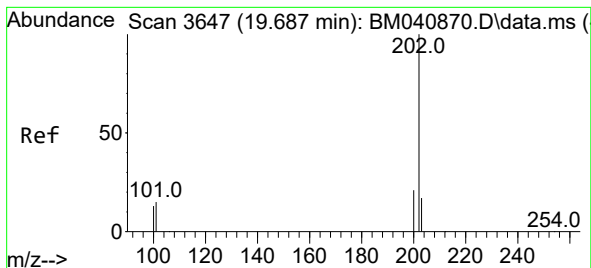
Tgt Ion:178 Resp: 872
 Ion Ratio Lower Upper
 178 100
 179 29.3 12.9 19.3#
 176 26.4 15.8 23.6#



#19
 Fluoranthene
 Concen: 0.439 ng/ul
 RT: 19.320 min Scan# 3568
 Delta R.T. -0.009 min
 Lab File: BM040876.D
 Acq: 14 Jul 2023 13:08

Tgt Ion:202 Resp: 12966
 Ion Ratio Lower Upper
 202 100
 101 13.4 11.4 17.0
 100 10.3 8.7 13.1





#20

Pyrene

Concen: 0.411 ng/ul

RT: 19.682 min Scan# 3

Delta R.T. -0.009 min

Lab File: BM040876.D

Acq: 14 Jul 2023 13:08

Instrument :

BNA_M

ClientSampleId :

A46E9DL

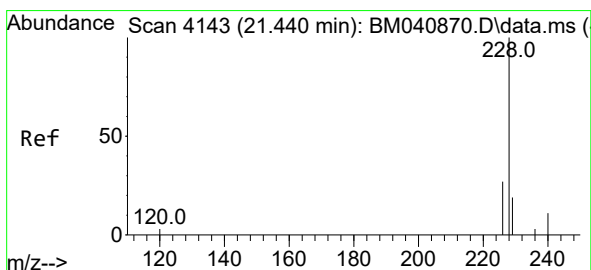
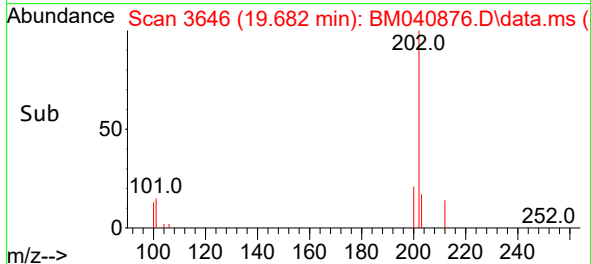
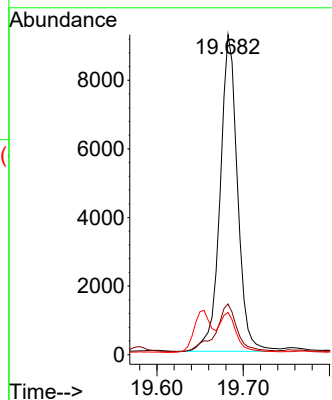
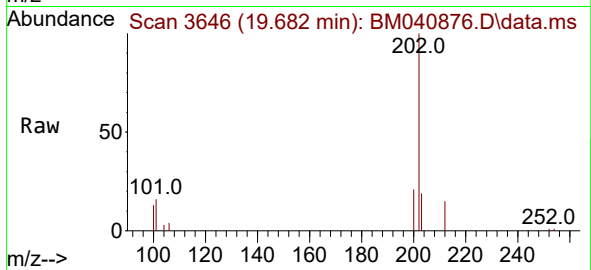
Tgt Ion:202 Resp: 13012

Ion Ratio Lower Upper

202 100

101 15.9 12.6 18.8

100 13.2 9.8 14.6



#21

Benzo(a)anthracene

Concen: 0.179 ng/ul

RT: 21.437 min Scan# 4142

Delta R.T. -0.009 min

Lab File: BM040876.D

Acq: 14 Jul 2023 13:08

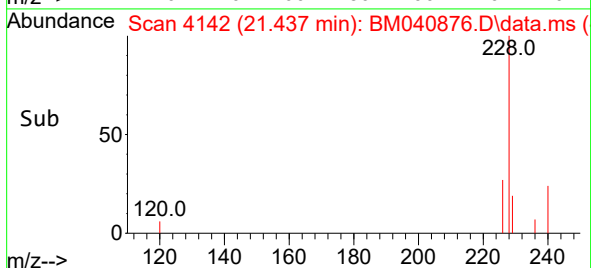
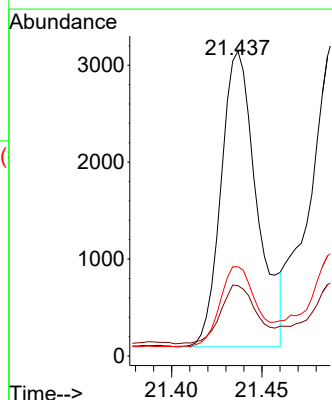
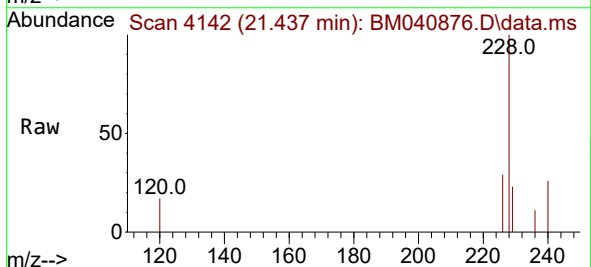
Tgt Ion:228 Resp: 4209

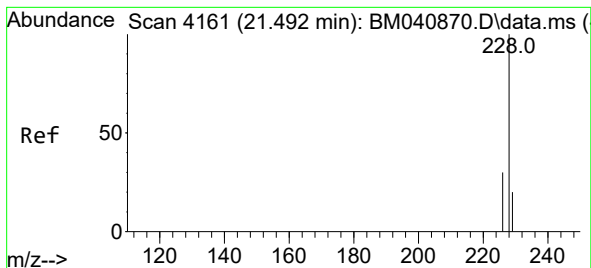
Ion Ratio Lower Upper

228 100

229 23.1 16.0 24.0

226 29.3 22.3 33.5





#22

Chrysene

Concen: 0.193 ng/ul

RT: 21.489 min Scan# 4161

Delta R.T. -0.009 min

Lab File: BM040876.D

Acq: 14 Jul 2023 13:08

Instrument :

BNA_M

ClientSampleId :

A46E9DL

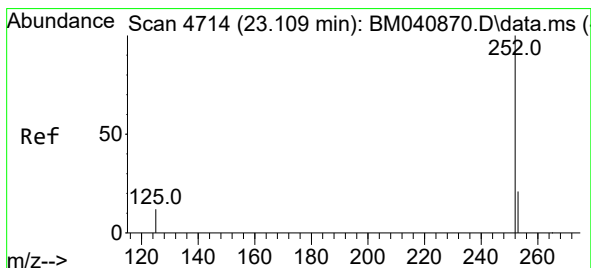
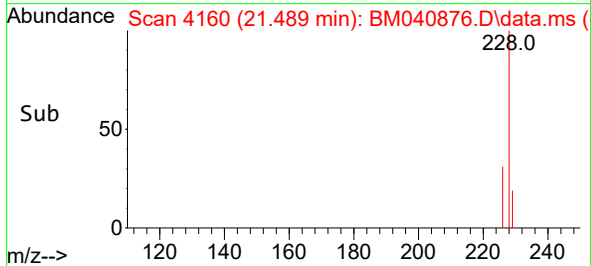
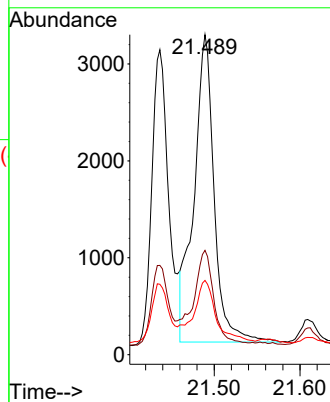
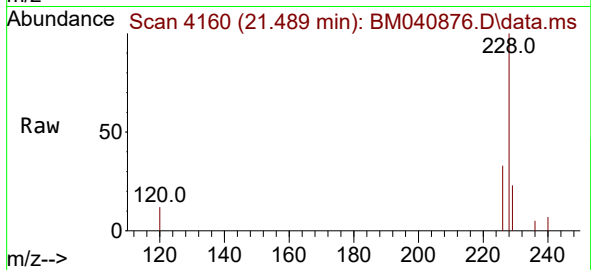
Tgt Ion:228 Resp: 5179

Ion Ratio Lower Upper

228 100

226 32.6 24.9 37.3

229 23.2 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 0.218 ng/ul

RT: 23.108 min Scan# 4714

Delta R.T. -0.011 min

Lab File: BM040876.D

Acq: 14 Jul 2023 13:08

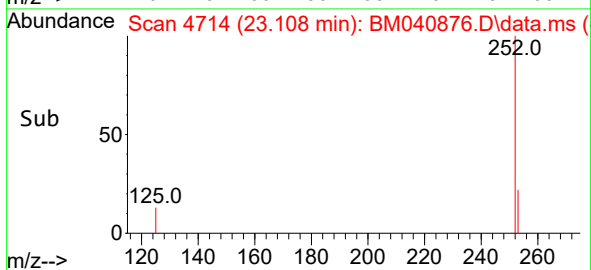
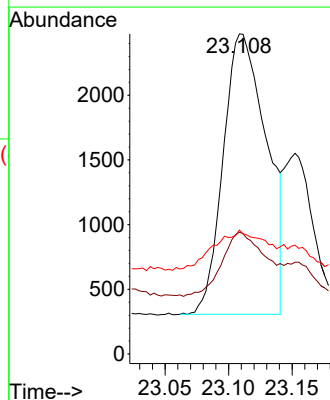
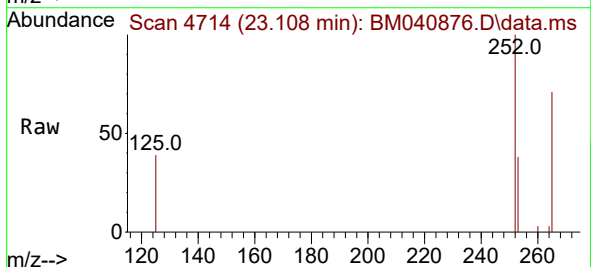
Tgt Ion:252 Resp: 5151

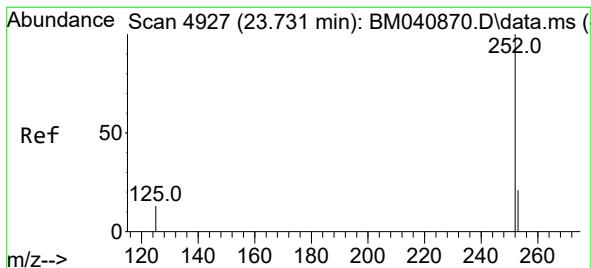
Ion Ratio Lower Upper

252 100

253 38.1 0.0 52.8

125 38.7 0.0 43.0





#26

Benzo(a)pyrene

Concen: 0.105 ng/ul

RT: 23.725 min Scan# 4927

Delta R.T. -0.014 min

Lab File: BM040876.D

Acq: 14 Jul 2023 13:08

Instrument :

BNA_M

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A46E9DL

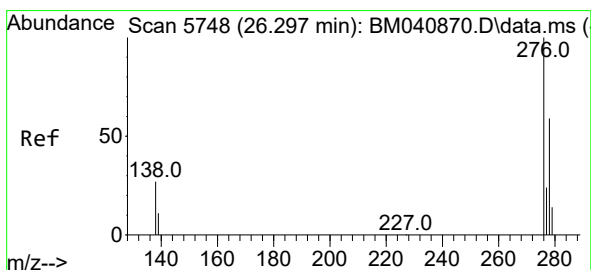
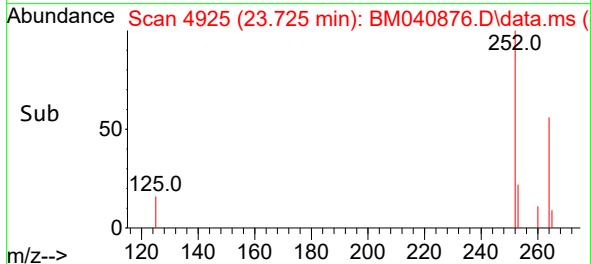
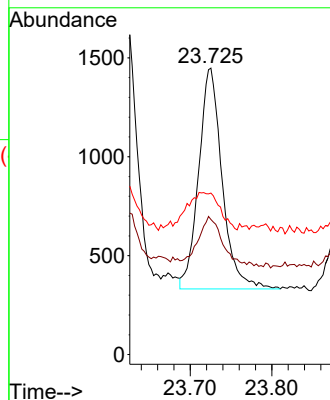
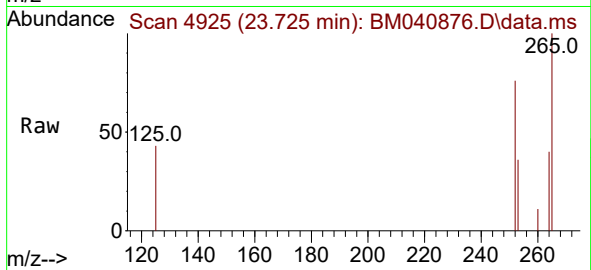
Tgt Ion:252 Resp: 2233

Ion Ratio Lower Upper

252 100

253 47.2 22.9 34.3#

125 56.4 21.0 31.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.078 ng/ul

RT: 26.294 min Scan# 5747

Delta R.T. -0.013 min

Lab File: BM040876.D

Acq: 14 Jul 2023 13:08

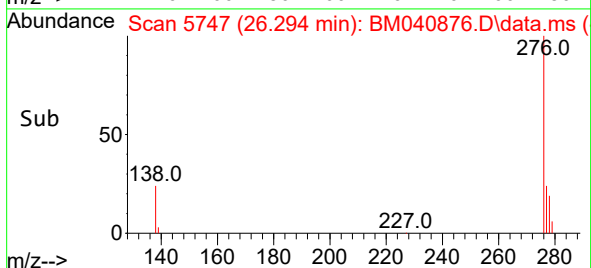
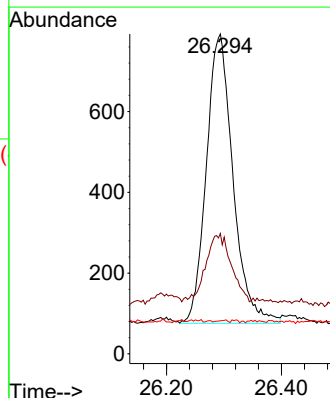
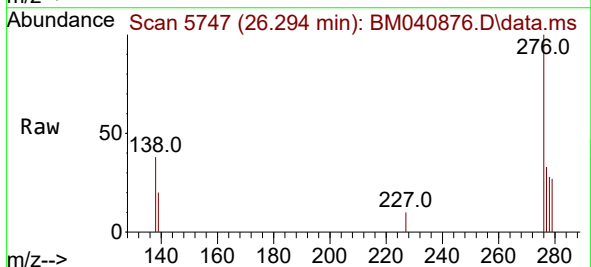
Tgt Ion:276 Resp: 2303

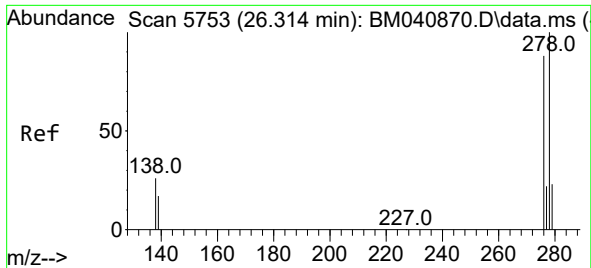
Ion Ratio Lower Upper

276 100

138 23.6 24.5 36.7#

227 0.2 0.1 0.1#

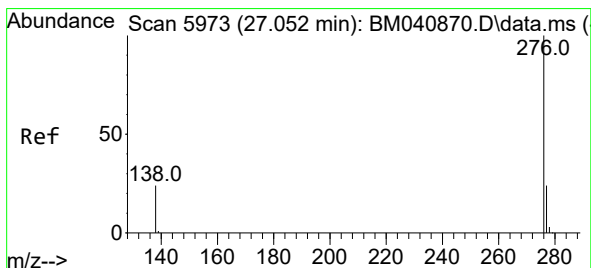
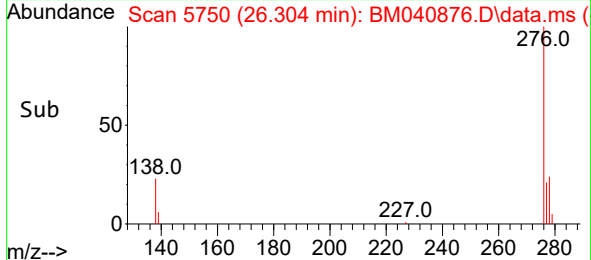
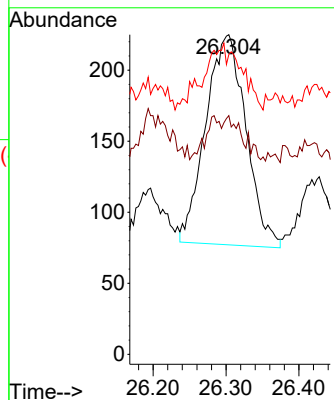
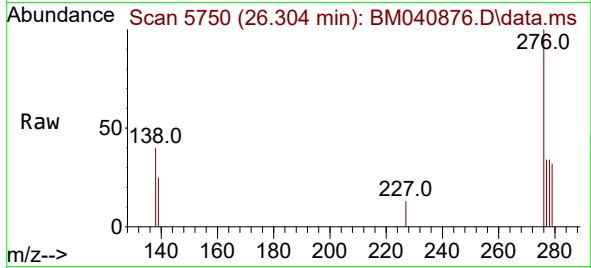




#28
 Dibenzo(a,h)anthracene
 Concen: 0.024 ng/ul
 RT: 26.304 min Scan# 51
 Delta R.T. -0.023 min
 Lab File: BM040876.D
 Acq: 14 Jul 2023 13:08

Instrument :
 BNA_M
 ClientSampleId :
 A46E9DL

Tgt Ion:278 Resp: 567
 Ion Ratio Lower Upper
 278 100
 139 74.7 17.9 26.9#
 279 93.8 22.0 33.0#



#29
 Benzo(g,h,i)perylene
 Concen: 0.092 ng/ul
 RT: 27.042 min Scan# 5970
 Delta R.T. -0.027 min
 Lab File: BM040876.D
 Acq: 14 Jul 2023 13:08

Tgt Ion:276 Resp: 2395
 Ion Ratio Lower Upper
 276 100
 138 40.0 23.0 34.6#
 277 32.9 20.3 30.5#

