

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
 Data File : BM040867.D
 Acq On : 14 Jul 2023 02:12
 Operator : MA/JU
 Sample : 03418-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4644

Quant Time: Jul 14 03:19:00 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

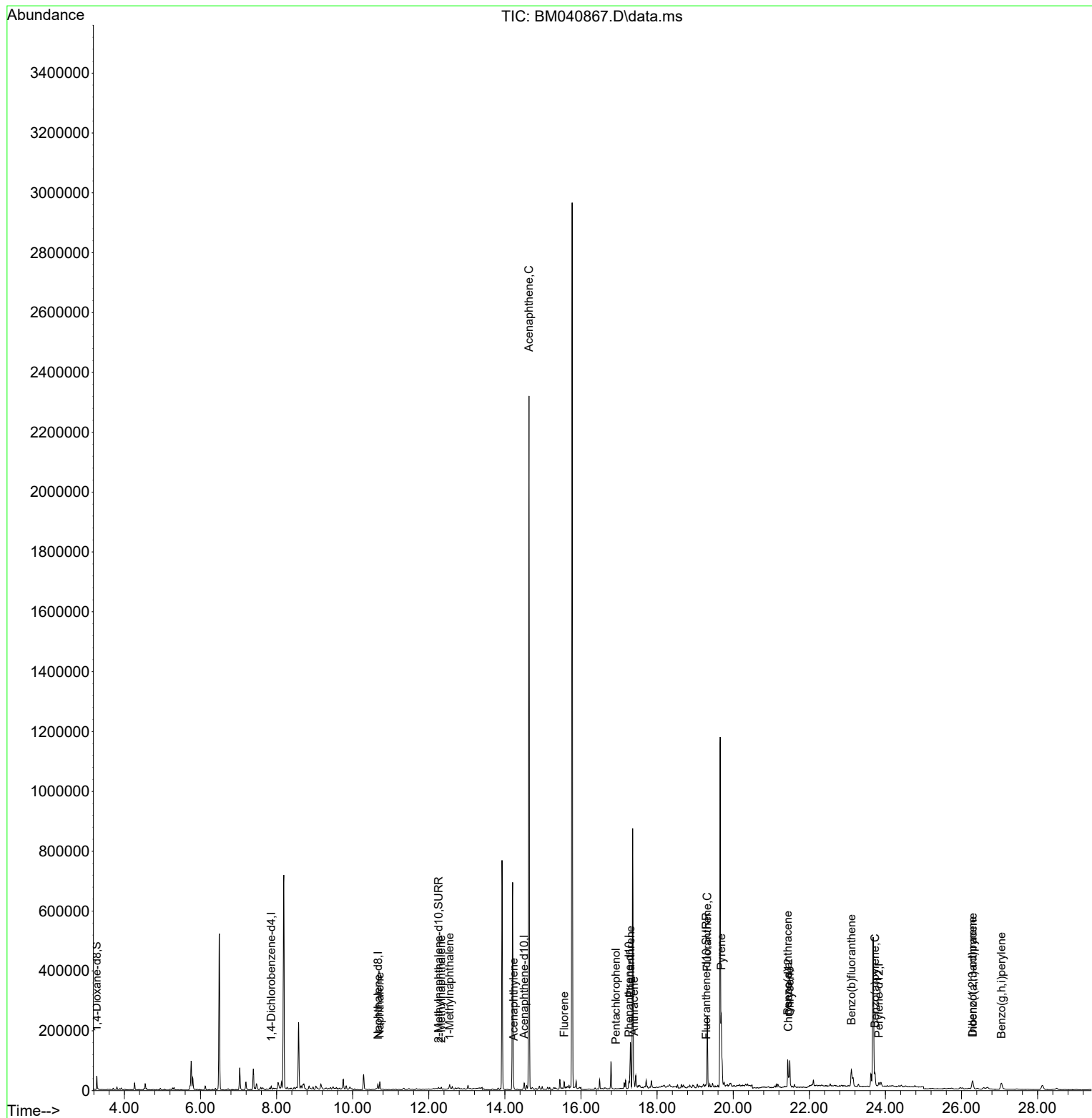
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	5919	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	21516	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.509	164	11218	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	23439	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.448	240	14235	0.400	ng/ul	#-0.01
23) Perylene-d12	23.830	264	16575	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	24578	2.643	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	6514	0.216	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	11562	0.253	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.713	128	32756	0.552	ng/ul	98
7) 2-Methylnaphthalene	12.330	142	4653	0.133	ng/ul	99
8) 1-Methylnaphthalene	12.550	142	9442	0.271	ng/ul	94
10) Acenaphthylene	14.231	152	5951	0.119	ng/ul#	58
11) Acenaphthene	14.634	153	663259	15.672	ng/ul#	1
12) Fluorene	15.559	166	13815	0.306	ng/ul#	93
14) Pentachlorophenol	16.919	266	99	0.022	ng/ul#	73
15) Phenanthrene	17.299	178	151223	2.077	ng/ul	99
16) Anthracene	17.392	178	18077	0.295	ng/ul#	91
19) Fluoranthene	19.320	202	192372	3.181	ng/ul	96
20) Pyrene	19.687	202	201035	3.101	ng/ul	98
21) Benzo(a)anthracene	21.434	228	69475	1.443	ng/ul#	93
22) Chrysene	21.486	228	90476	1.647	ng/ul#	95
24) Benzo(b)fluoranthene	23.105	252	91137	1.421	ng/ul	90
26) Benzo(a)pyrene	23.725	252	57246	0.991	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.290	276	44595	0.554	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.297	278	11765	0.187	ng/ul#	40
29) Benzo(g,h,i)perylene	27.045	276	46027	0.653	ng/ul	98

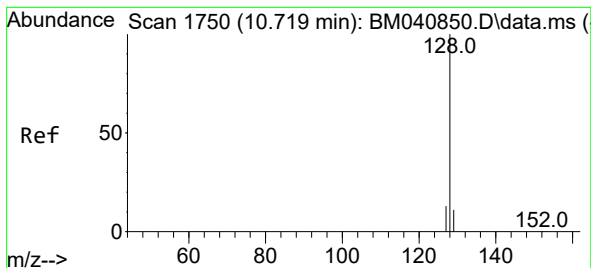
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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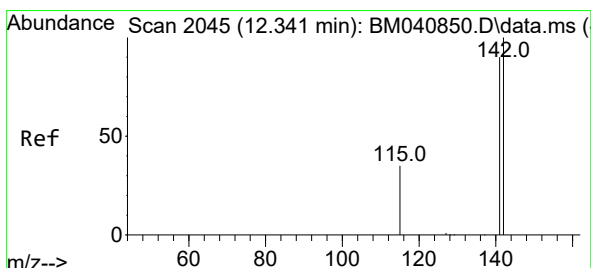
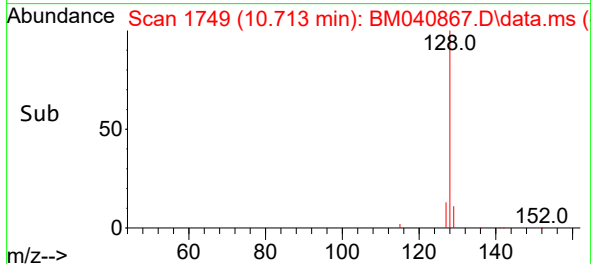
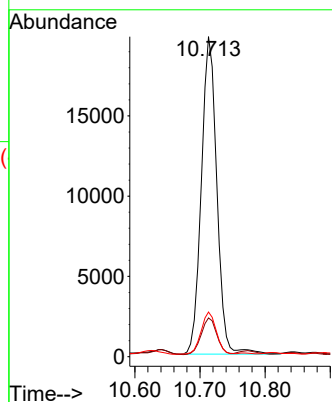
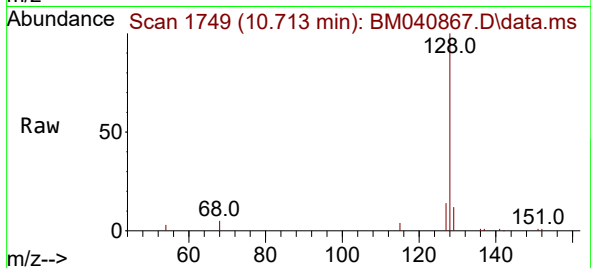




#5
Naphthalene
Concen: 0.552 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BM040867.D
Acq: 14 Jul 2023 02:12

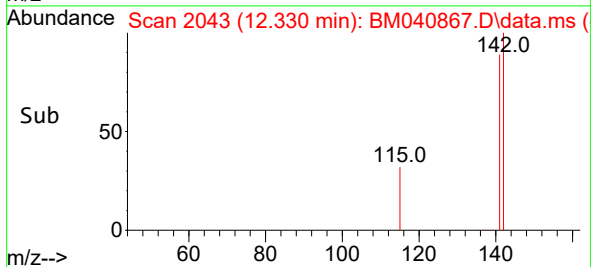
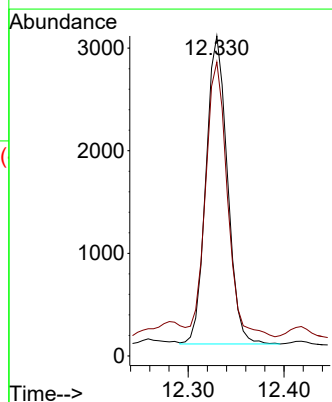
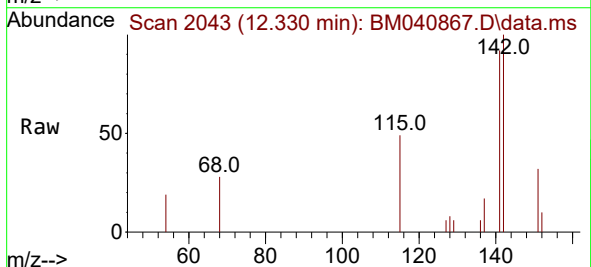
Instrument :
BNA_M
ClientSampleId :
A4644

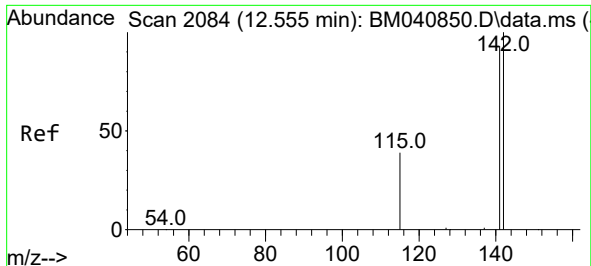
Tgt Ion:128 Resp: 32756
Ion Ratio Lower Upper
128 100
129 12.1 9.2 13.8
127 14.0 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.133 ng/ul
RT: 12.330 min Scan# 2043
Delta R.T. -0.011 min
Lab File: BM040867.D
Acq: 14 Jul 2023 02:12

Tgt Ion:142 Resp: 4653
Ion Ratio Lower Upper
142 100
141 90.4 71.9 107.9

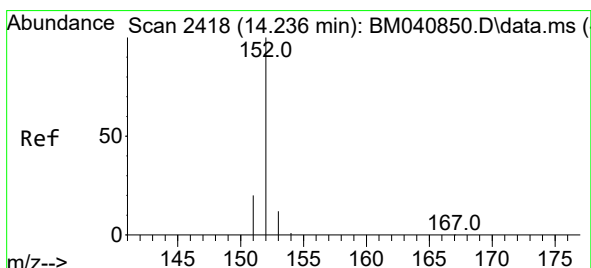
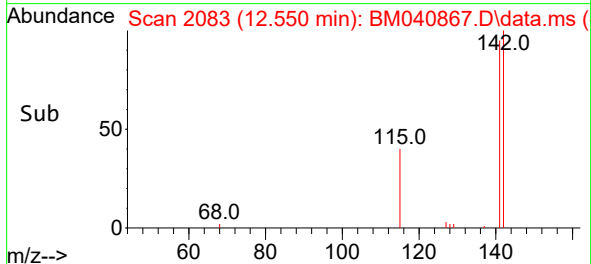
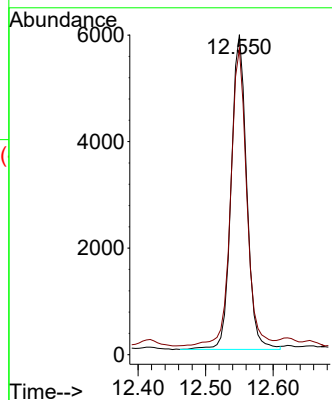
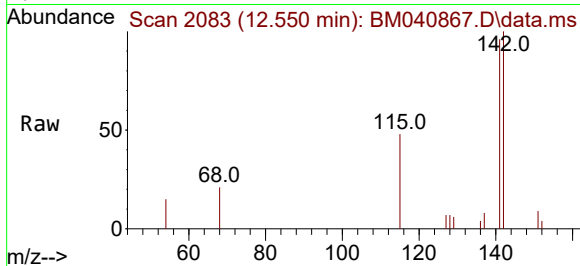




#8
1-Methylnaphthalene
Concen: 0.271 ng/ul
RT: 12.550 min Scan# 2084
Delta R.T. -0.005 min
Lab File: BM040867.D
Acq: 14 Jul 2023 02:12

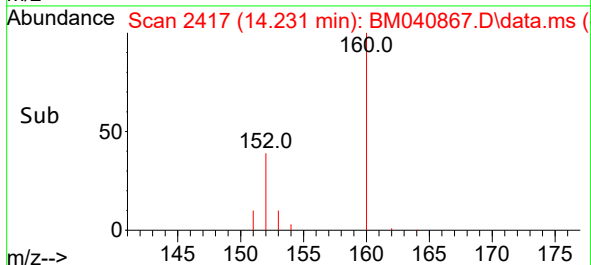
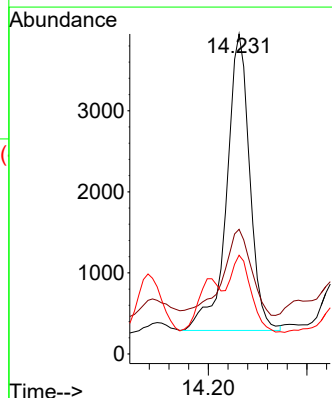
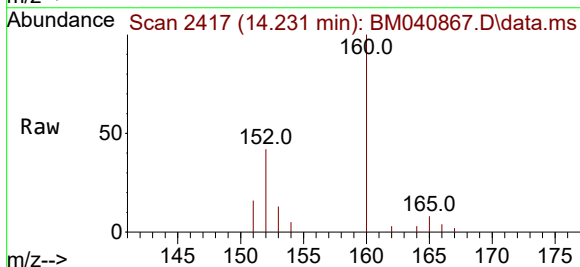
Instrument :
BNA_M
ClientSampleId :
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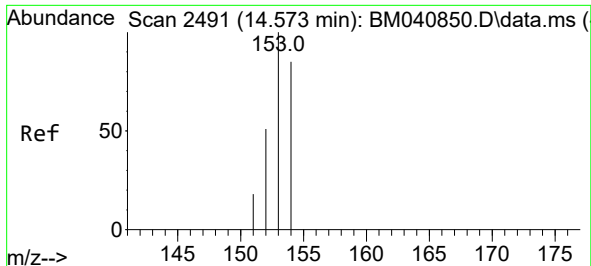
Tgt Ion:142 Resp: 9442
Ion Ratio Lower Upper
142 100
141 97.6 73.7 110.5



#10
Acenaphthylene
Concen: 0.119 ng/ul
RT: 14.231 min Scan# 2417
Delta R.T. -0.005 min
Lab File: BM040867.D
Acq: 14 Jul 2023 02:12

Tgt Ion:152 Resp: 5951
Ion Ratio Lower Upper
152 100
151 39.0 16.2 24.2#
153 30.9 10.9 16.3#

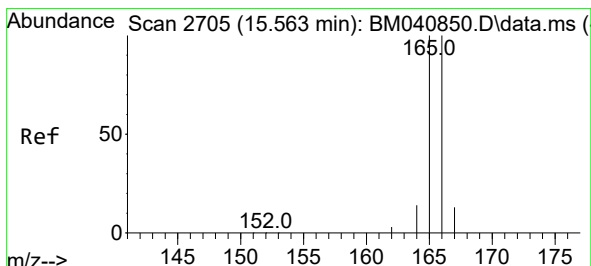
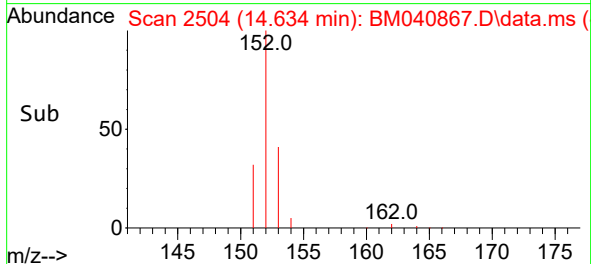
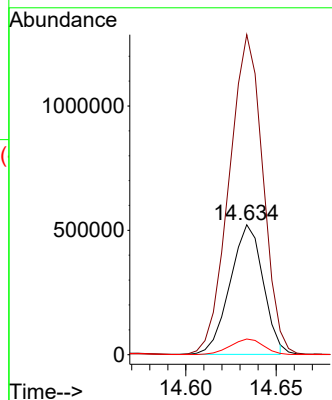
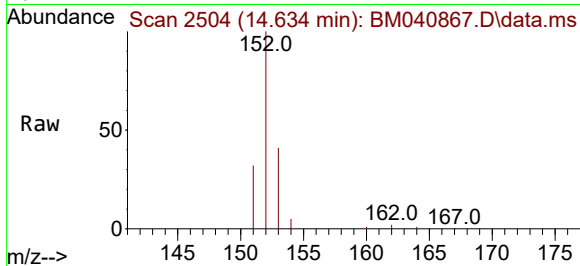




#11
Acenaphthene
Concen: 15.672 ng/ul
RT: 14.634 min Scan# 21
Delta R.T. 0.060 min
Lab File: BM040867.D
Acq: 14 Jul 2023 02:12

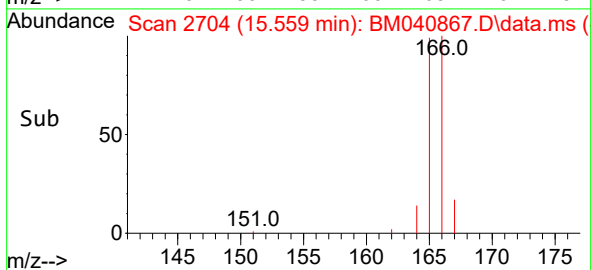
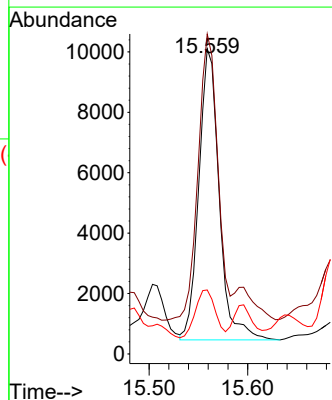
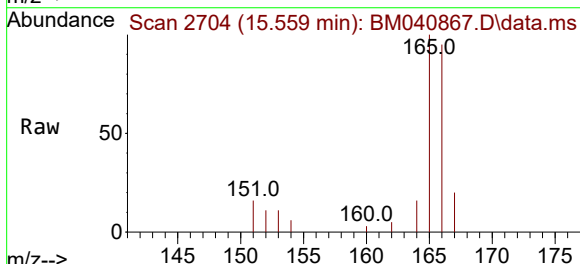
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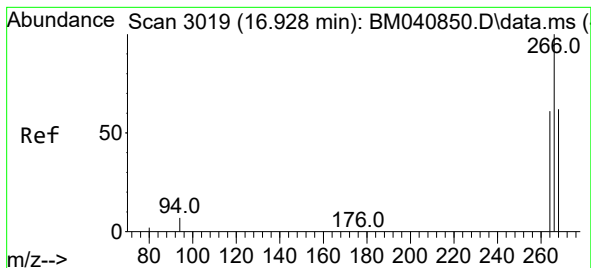
Tgt Ion:153 Resp: 663259
Ion Ratio Lower Upper
153 100
152 246.4 41.0 61.4#
154 12.1 70.8 106.2#



#12
Fluorene
Concen: 0.306 ng/ul
RT: 15.559 min Scan# 2704
Delta R.T. -0.005 min
Lab File: BM040867.D
Acq: 14 Jul 2023 02:12

Tgt Ion:166 Resp: 13815
Ion Ratio Lower Upper
166 100
165 104.8 79.6 119.4
167 21.0 11.4 17.0#





#14

Pentachlorophenol

Concen: 0.022 ng/ul

RT: 16.919 min Scan# 3017

Delta R.T. -0.008 min

Lab File: BM040867.D

Acq: 14 Jul 2023 02:12

Instrument :

BNA_M

ClientSampleId :

A4644

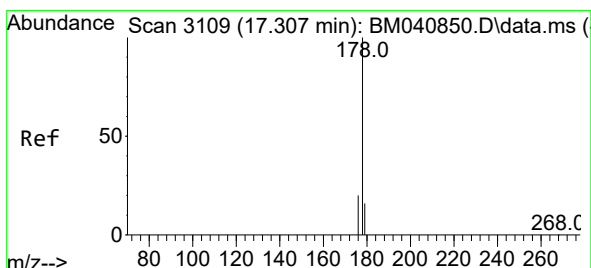
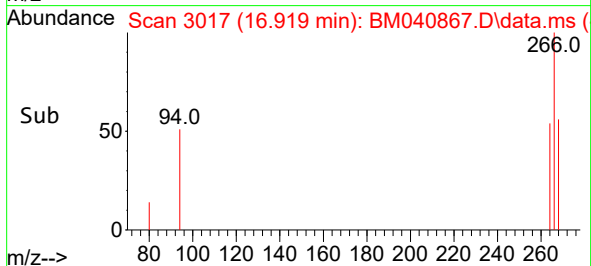
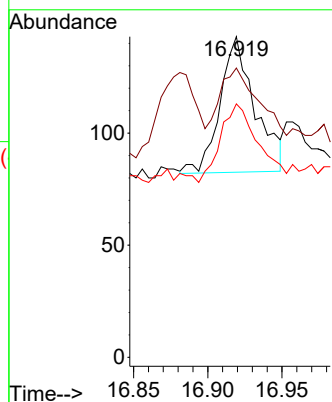
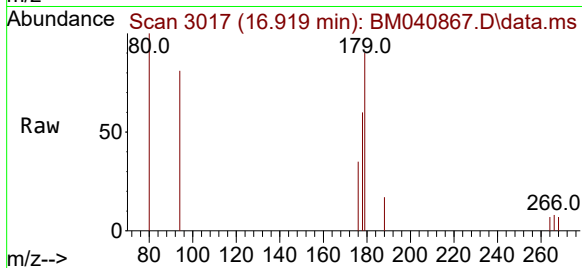
Tgt Ion:266 Resp: 99

Ion Ratio Lower Upper

266 100

264 84.8 45.4 68.0#

268 70.7 47.2 70.8



#15

Phenanthrene

Concen: 2.077 ng/ul

RT: 17.299 min Scan# 3107

Delta R.T. -0.008 min

Lab File: BM040867.D

Acq: 14 Jul 2023 02:12

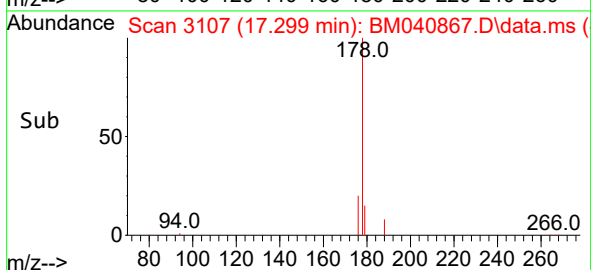
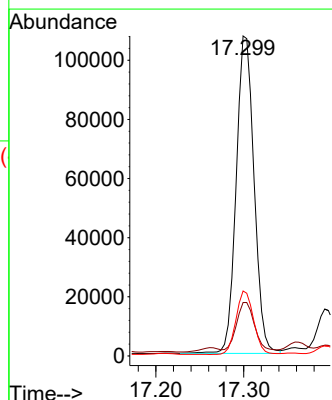
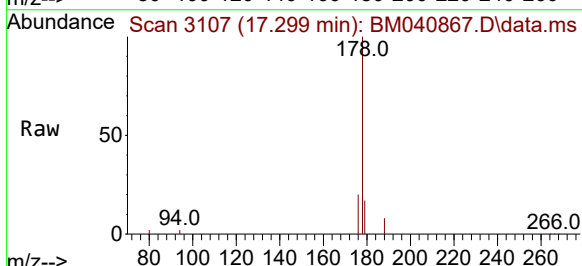
Tgt Ion:178 Resp: 151223

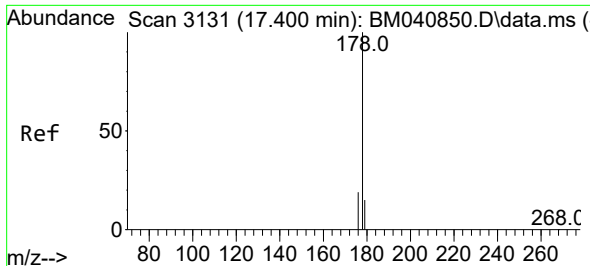
Ion Ratio Lower Upper

178 100

179 16.7 12.8 19.2

176 20.3 16.4 24.6

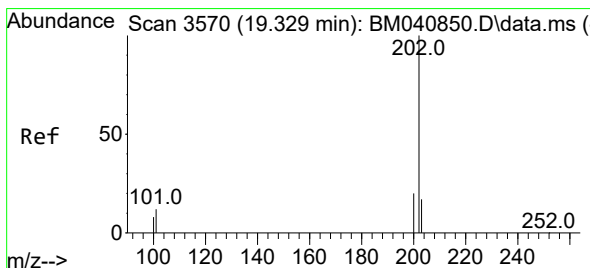
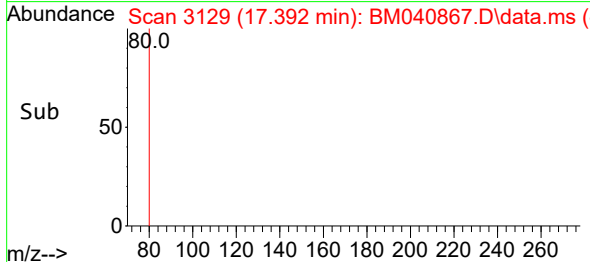
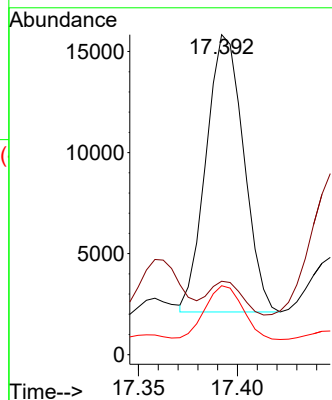
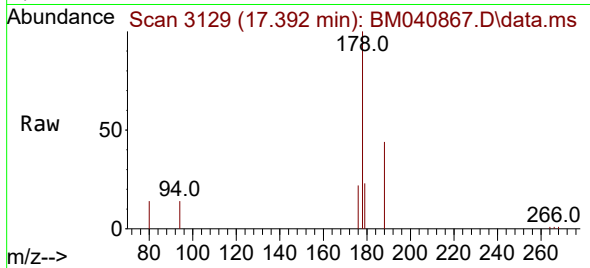




#16
 Anthracene
 Concen: 0.295 ng/ul
 RT: 17.392 min Scan# 3131
 Delta R.T. -0.008 min
 Lab File: BM040867.D
 Acq: 14 Jul 2023 02:12

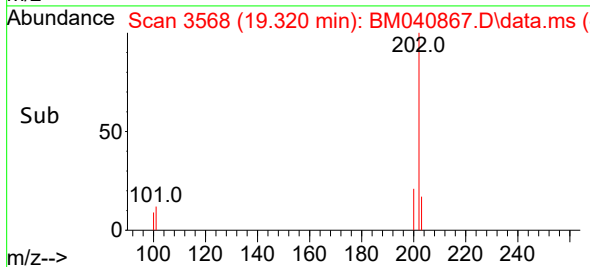
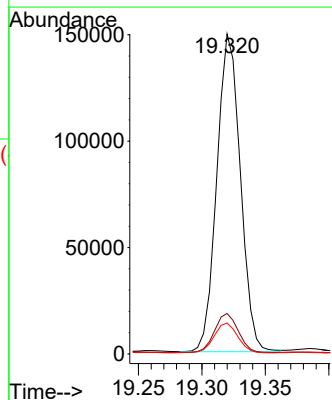
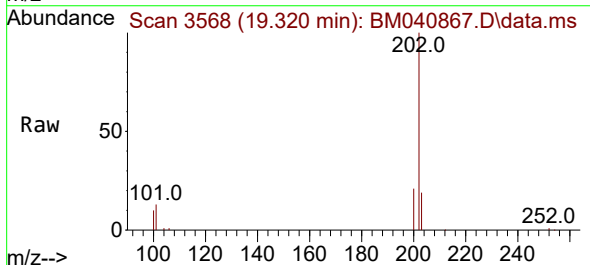
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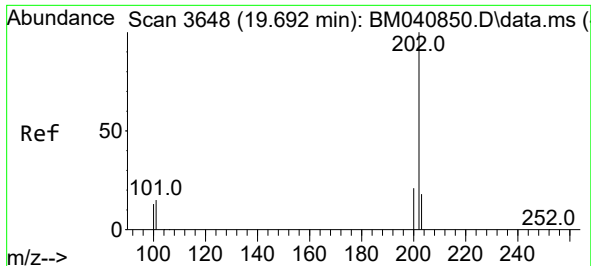
Tgt Ion:178 Resp: 18077
 Ion Ratio Lower Upper
 178 100
 179 22.9 12.9 19.3#
 176 21.5 15.8 23.6



#19
 Fluoranthene
 Concen: 3.181 ng/ul
 RT: 19.320 min Scan# 3568
 Delta R.T. -0.009 min
 Lab File: BM040867.D
 Acq: 14 Jul 2023 02:12

Tgt Ion:202 Resp: 192372
 Ion Ratio Lower Upper
 202 100
 101 12.6 11.4 17.0
 100 9.6 8.7 13.1

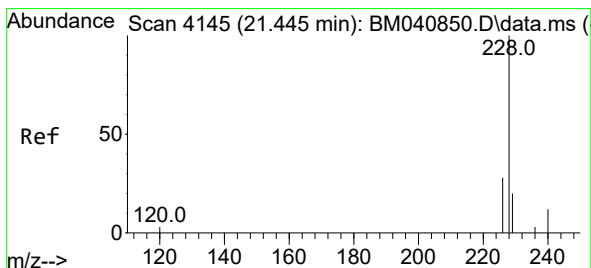
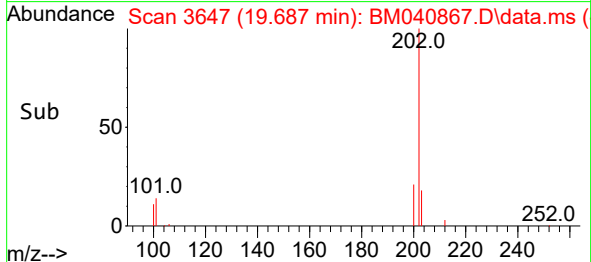
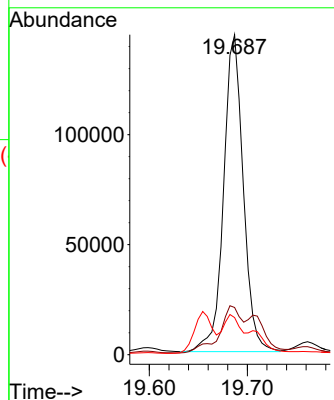
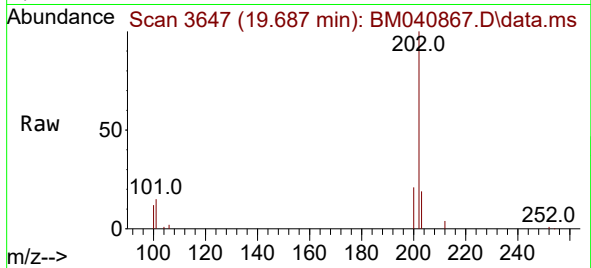




#20
Pyrene
Concen: 3.101 ng/ul
RT: 19.687 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM040867.D
Acq: 14 Jul 2023 02:12

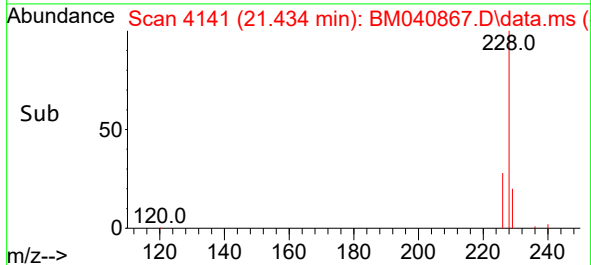
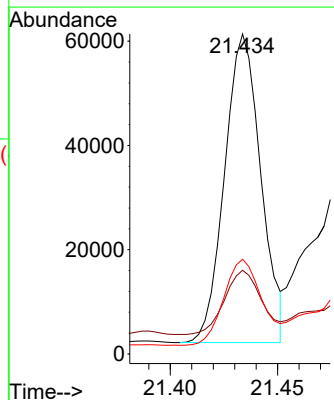
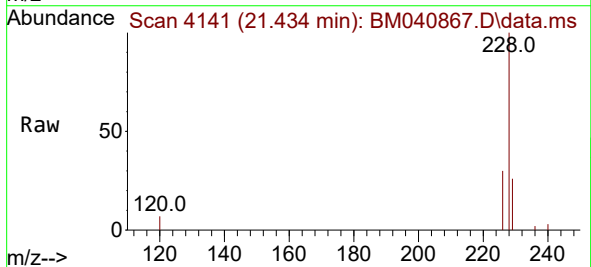
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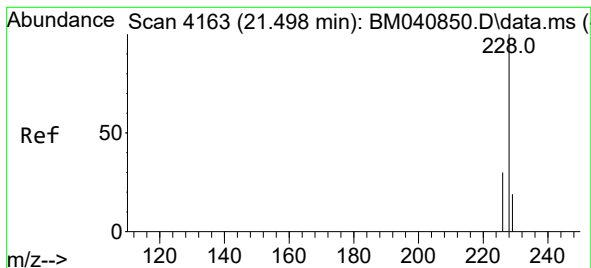
Tgt Ion:202 Resp: 201035
Ion Ratio Lower Upper
202 100
101 14.7 12.6 18.8
100 11.6 9.8 14.6



#21
Benzo(a)anthracene
Concen: 1.443 ng/ul
RT: 21.434 min Scan# 4141
Delta R.T. -0.012 min
Lab File: BM040867.D
Acq: 14 Jul 2023 02:12

Tgt Ion:228 Resp: 69475
Ion Ratio Lower Upper
228 100
229 26.1 16.0 24.0#
226 29.6 22.3 33.5





#22

Chrysene

Concen: 1.647 ng/ul

RT: 21.486 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM040867.D

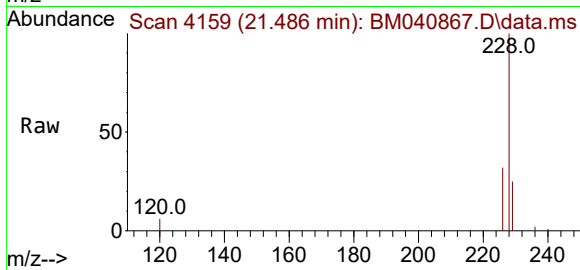
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Instrument :

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ClientSampleId :

A4644



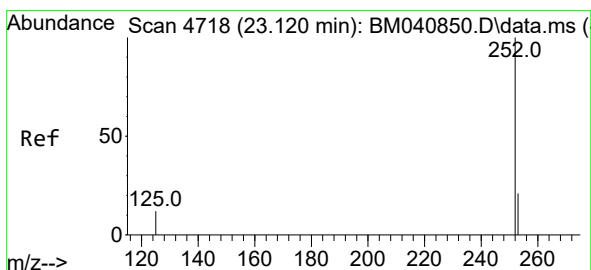
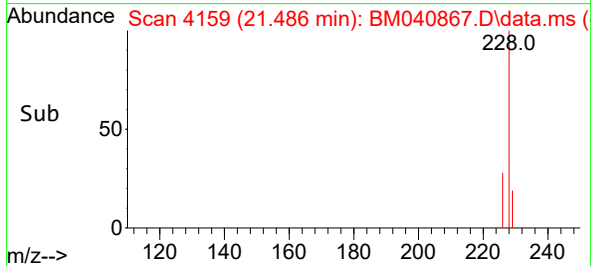
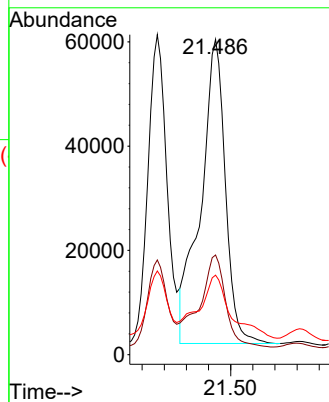
Tgt Ion:228 Resp: 90476

Ion Ratio Lower Upper

228 100

226 31.6 24.9 37.3

229 25.2 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 1.421 ng/ul

RT: 23.105 min Scan# 4713

Delta R.T. -0.014 min

Lab File: BM040867.D

Acq: 14 Jul 2023 02:12

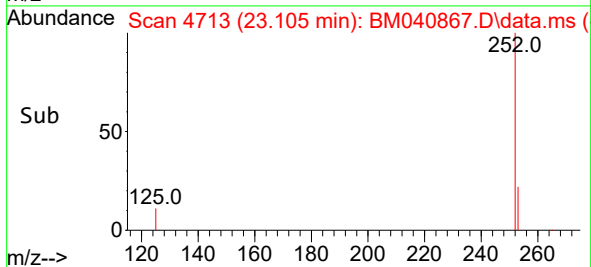
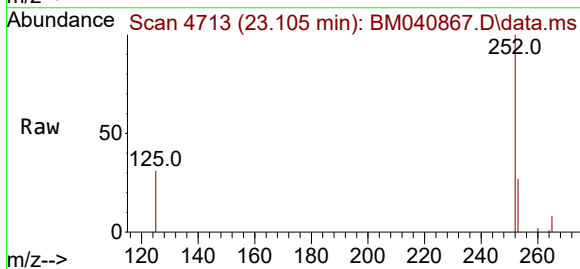
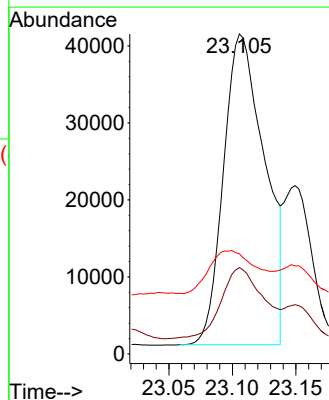
Tgt Ion:252 Resp: 91137

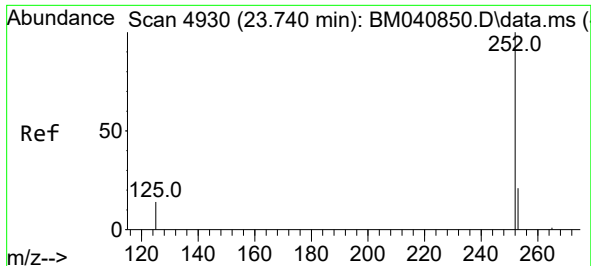
Ion Ratio Lower Upper

252 100

253 27.0 0.0 52.8

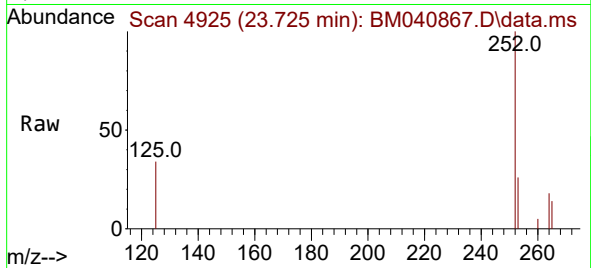
125 31.3 0.0 43.0



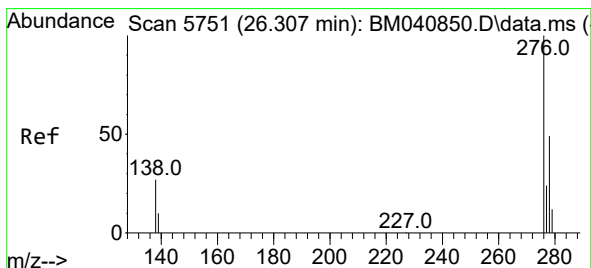
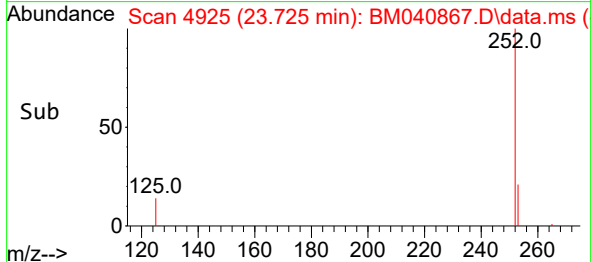
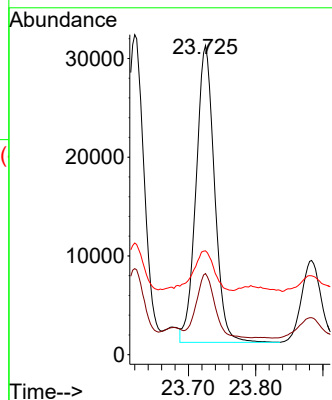


#26
Benzo(a)pyrene
Concen: 0.991 ng/ul
RT: 23.725 min Scan# 4930
Delta R.T. -0.014 min
Lab File: BM040867.D
Acq: 14 Jul 2023 02:12

Instrument :
BNA_M
ClientSampleId :
A4644

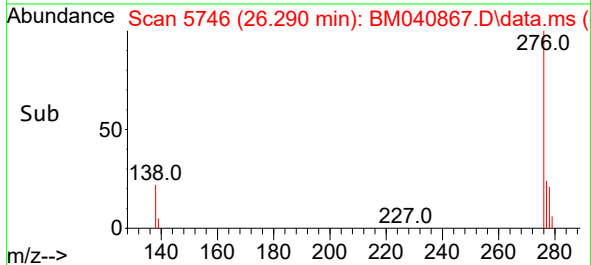
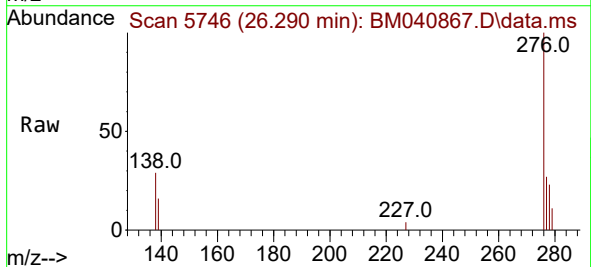
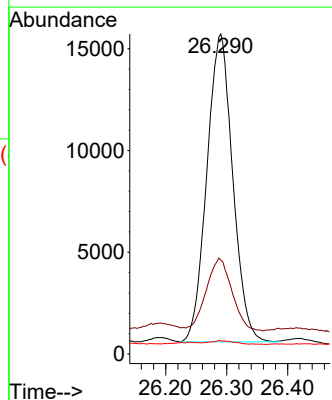


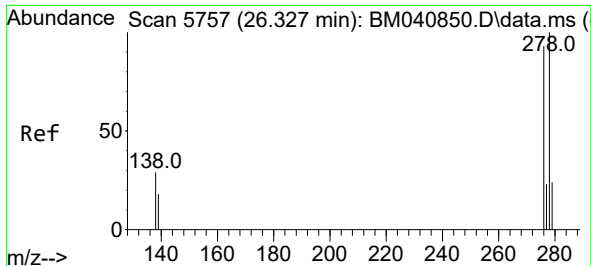
Tgt Ion:252 Resp: 57246
Ion Ratio Lower Upper
252 100
253 26.3 22.9 34.3
125 33.6 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.554 ng/ul
RT: 26.290 min Scan# 5746
Delta R.T. -0.017 min
Lab File: BM040867.D
Acq: 14 Jul 2023 02:12

Tgt Ion:276 Resp: 44595
Ion Ratio Lower Upper
276 100
138 23.4 24.5 36.7#
227 1.0 0.1 0.1#

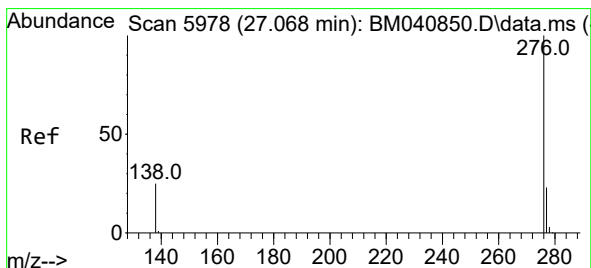
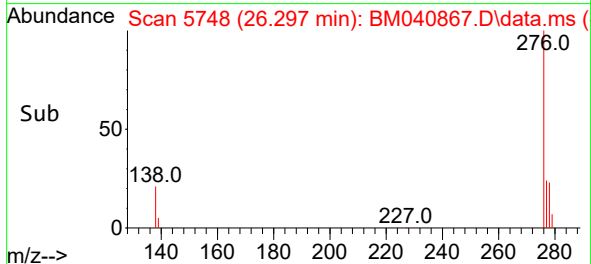
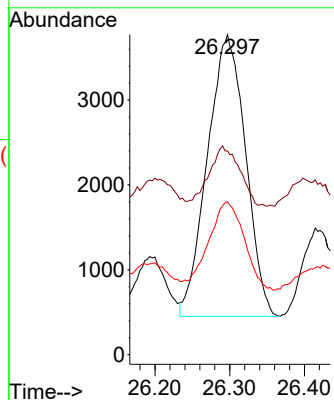
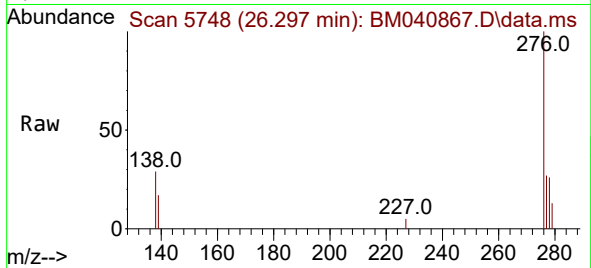




#28
Dibenzo(a,h)anthracene
Concen: 0.187 ng/ul
RT: 26.297 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM040867.D
Acq: 14 Jul 2023 02:12

Instrument :
BNA_M
ClientSampleId :
A4644

Tgt Ion:278 Resp: 11765
Ion Ratio Lower Upper
278 100
139 63.6 17.9 26.9#
279 47.8 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.653 ng/ul
RT: 27.045 min Scan# 5971
Delta R.T. -0.023 min
Lab File: BM040867.D
Acq: 14 Jul 2023 02:12

Tgt Ion:276 Resp: 46027
Ion Ratio Lower Upper
276 100
138 29.6 23.0 34.6
277 26.2 20.3 30.5

