

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100423\
 Data File : BM042197.D
 Acq On : 04 Oct 2023 21:51
 Operator : MA/JU
 Sample : 04588-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BBHP1

Quant Time: Oct 05 01:55:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 02 19:28:41 2023
 Response via : Initial Calibration

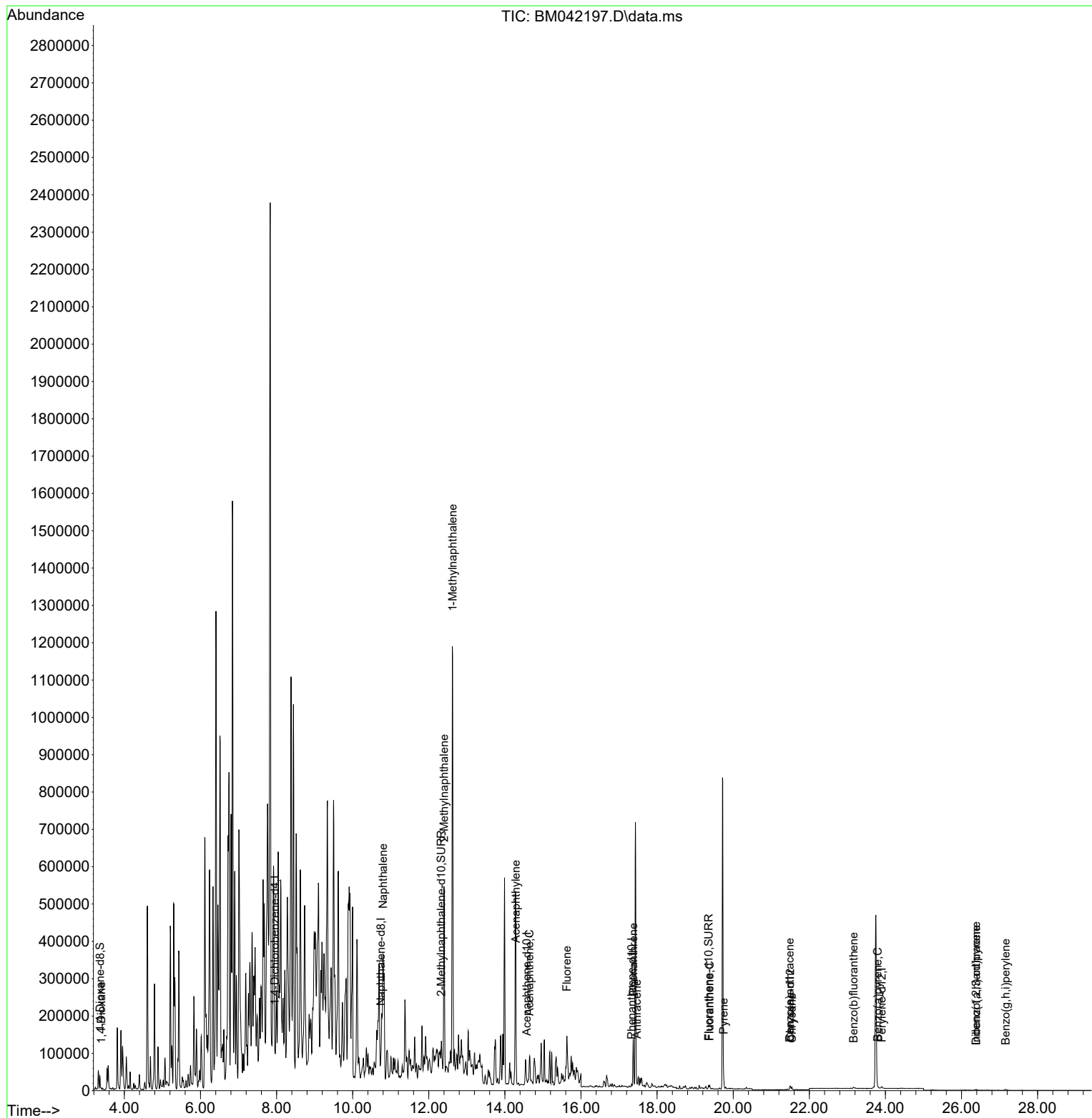
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	4395	0.400	ng/ul	# 0.02
4) Naphthalene-d8	10.746	136	7779	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.578	164	4838	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.333	188	8925	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.501	240	6101	0.400	ng/ul	#-0.01
23) Perylene-d12	23.904	264	6581	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	20166	3.446	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.330	152	5317	0.498	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	8064	0.352	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	1665	0.272	ng/ul#	38
5) Naphthalene	10.796	128	529995	20.422	ng/ul	97
7) 2-Methylnaphthalene	12.401	142	352433	22.681	ng/ul	97
8) 1-Methylnaphthalene	12.627	142	776598	49.616	ng/ul	99
10) Acenaphthylene	14.291	152	14714	0.481	ng/ul#	1
11) Acenaphthene	14.643	153	40580	1.754	ng/ul#	80
12) Fluorene	15.628	166	78546	3.014	ng/ul#	93
15) Phenanthrene	17.375	178	135012	3.669	ng/ul	97
16) Anthracene	17.468	178	8163	0.243	ng/ul#	68
19) Fluoranthene	19.380	202	9089	0.196	ng/ul#	86
20) Pyrene	19.752	202	19478	0.395	ng/ul#	93
21) Benzo(a)anthracene	21.486	228	6104	0.155	ng/ul#	84
22) Chrysene	21.542	228	5601	0.146	ng/ul#	79
24) Benzo(b)fluoranthene	23.164	252	4695	0.121	ng/ul#	51
26) Benzo(a)pyrene	23.795	252	3529	0.105	ng/ul#	56
27) Indeno(1,2,3-cd)pyrene	26.384	276	2637	0.056	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.388	278	1804	0.050	ng/ul#	17
29) Benzo(g,h,i)perylene	27.162	276	4308	0.109	ng/ul#	86

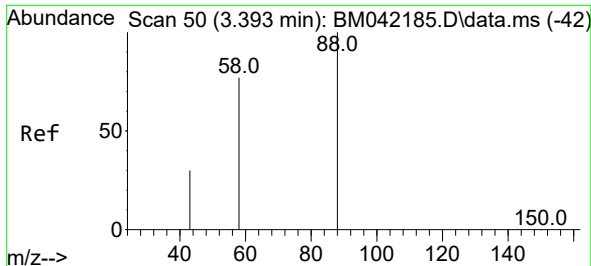
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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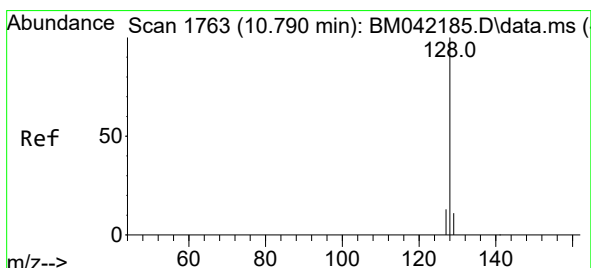
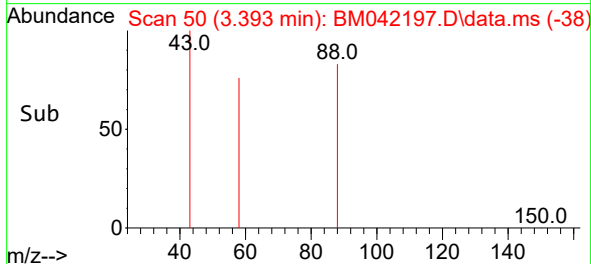
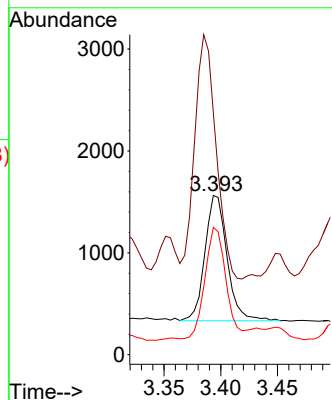
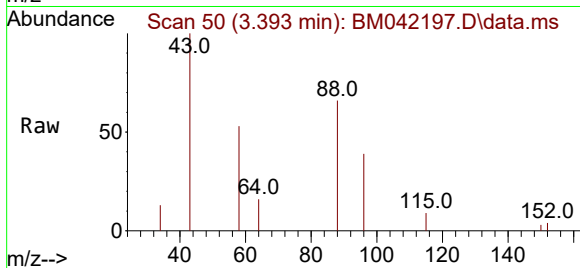




#2
1,4-Dioxane
Concen: 0.272 ng/ul
RT: 3.393 min Scan# 50
Delta R.T. -0.008 min
Lab File: BM042197.D
Acq: 04 Oct 2023 21:51

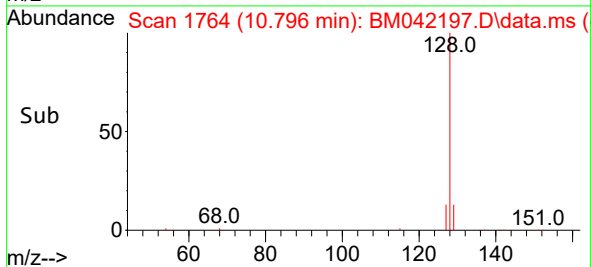
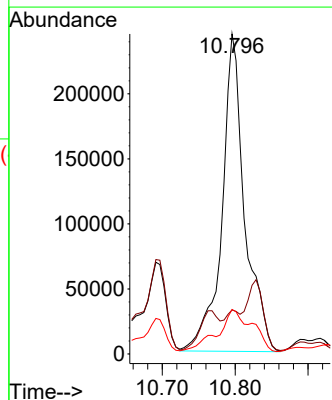
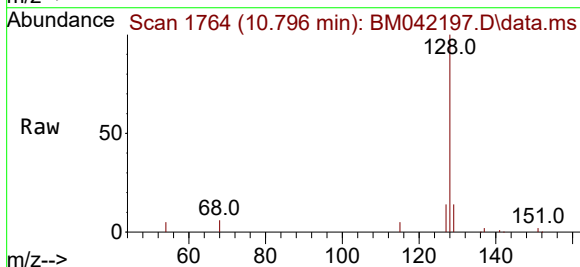
Instrument :
BNA_M
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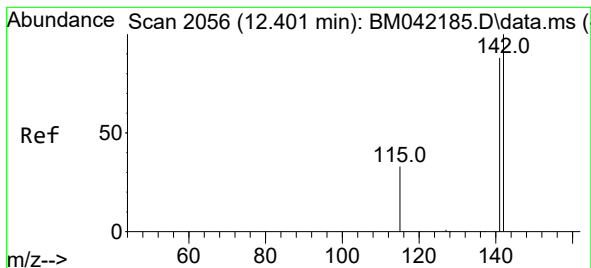
Tgt Ion: 88 Resp: 1665
Ion Ratio Lower Upper
88 100
43 152.0 52.1 78.1#
58 79.9 53.8 80.6



#5
Naphthalene
Concen: 20.422 ng/ul
RT: 10.796 min Scan# 1764
Delta R.T. -0.005 min
Lab File: BM042197.D
Acq: 04 Oct 2023 21:51

Tgt Ion: 128 Resp: 529995
Ion Ratio Lower Upper
128 100
129 13.8 9.4 14.2
127 13.9 11.0 16.4

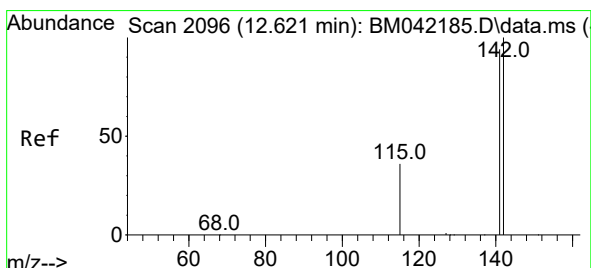
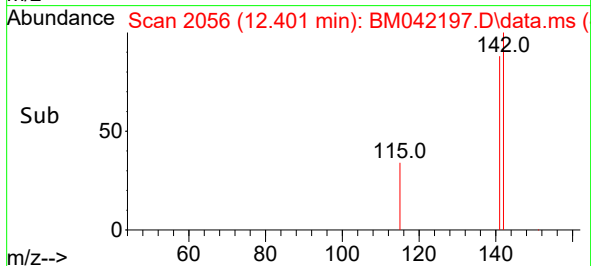
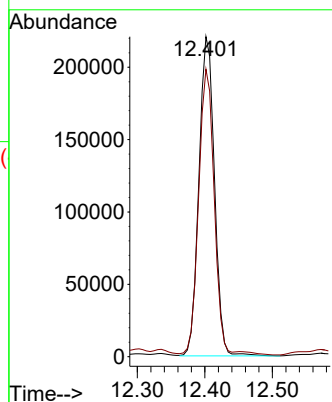
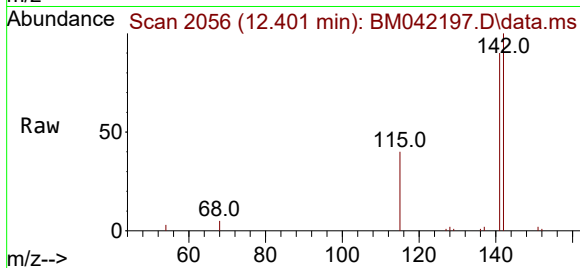




#7
2-Methylnaphthalene
Concen: 22.681 ng/ul
RT: 12.401 min Scan# 2056
Delta R.T. -0.005 min
Lab File: BM042197.D
Acq: 04 Oct 2023 21:51

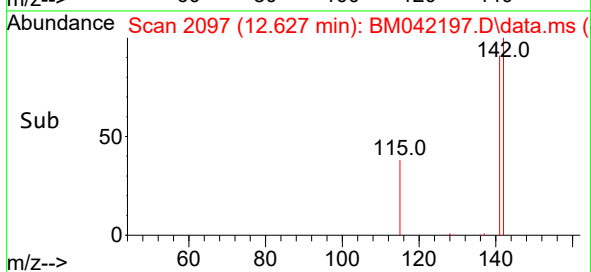
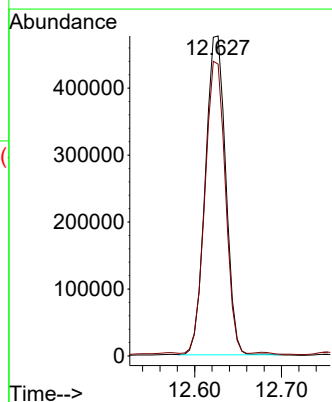
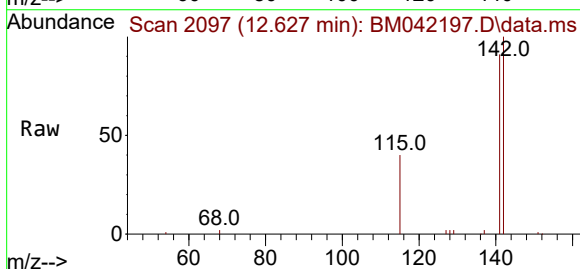
Instrument :
BNA_M
ClientSampleId :
BBHP1

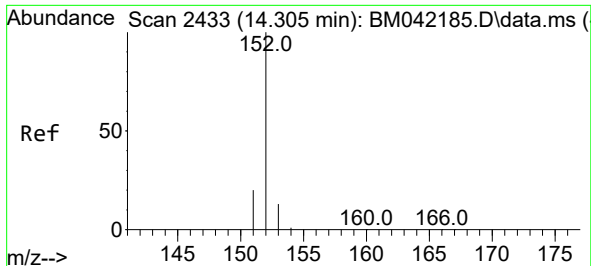
Tgt Ion:142 Resp: 352433
Ion Ratio Lower Upper
142 100
141 90.4 70.2 105.4



#8
1-Methylnaphthalene
Concen: 49.616 ng/ul
RT: 12.627 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BM042197.D
Acq: 04 Oct 2023 21:51

Tgt Ion:142 Resp: 776598
Ion Ratio Lower Upper
142 100
141 91.1 73.5 110.3

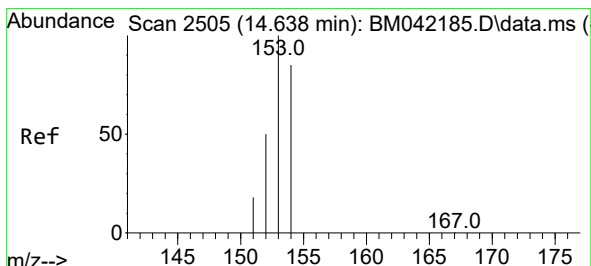
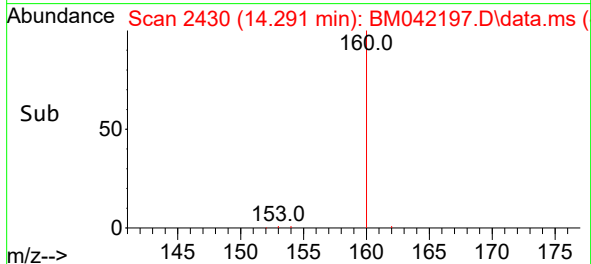
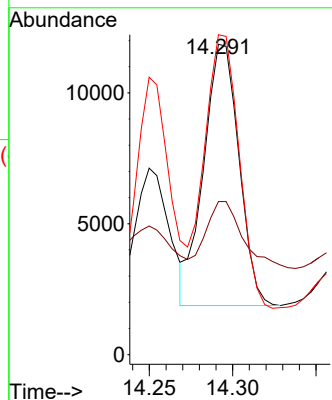
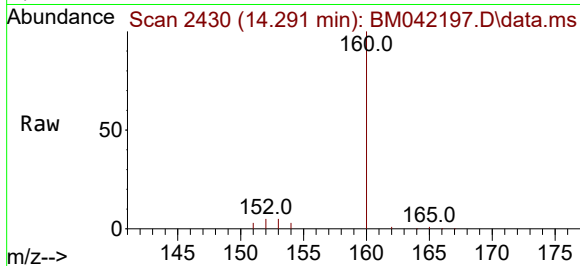




#10
Acenaphthylene
Concen: 0.481 ng/ul
RT: 14.291 min Scan# 2430
Delta R.T. -0.023 min
Lab File: BM042197.D
Acq: 04 Oct 2023 21:51

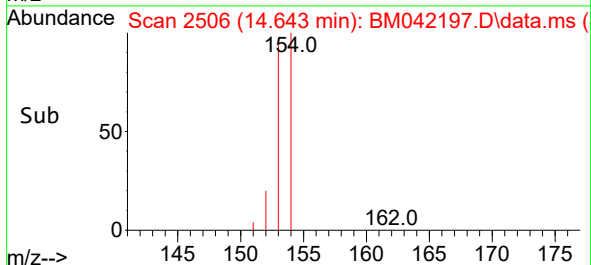
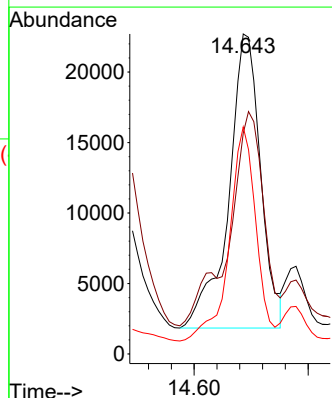
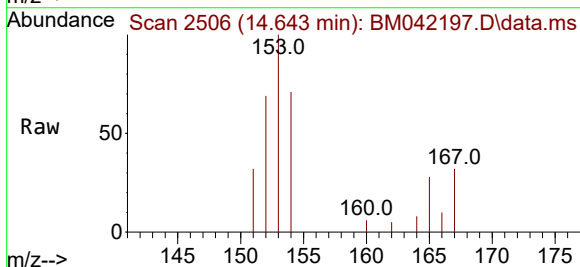
Instrument :
BNA_M
ClientSampleId :
BBHP1

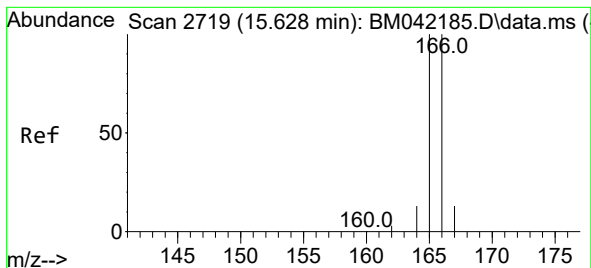
Tgt Ion:152 Resp: 14714
Ion Ratio Lower Upper
152 100
151 49.3 16.4 24.6#
153 103.1 10.9 16.3#



#11
Acenaphthene
Concen: 1.754 ng/ul
RT: 14.643 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BM042197.D
Acq: 04 Oct 2023 21:51

Tgt Ion:153 Resp: 40580
Ion Ratio Lower Upper
153 100
152 69.0 41.1 61.7#
154 70.9 69.5 104.3





#12

Fluorene

Concen: 3.014 ng/ul

RT: 15.628 min Scan# 21

Delta R.T. -0.009 min

Lab File: BM042197.D

Acq: 04 Oct 2023 21:51

Instrument :

BNA_M

ClientSampleId :

BBHP1

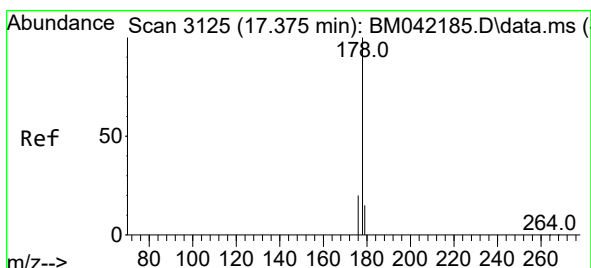
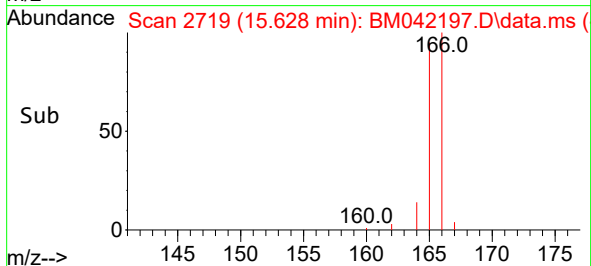
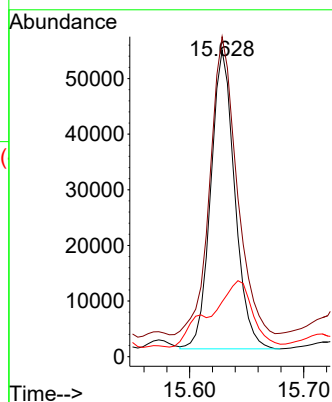
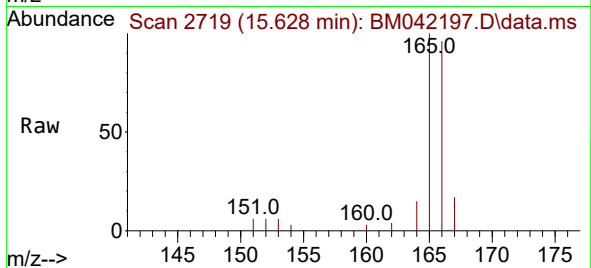
Tgt Ion:166 Resp: 78546

Ion Ratio Lower Upper

166 100

165 104.5 78.4 117.6

167 17.9 11.5 17.3#



#15

Phenanthrene

Concen: 3.669 ng/ul

RT: 17.375 min Scan# 3125

Delta R.T. -0.008 min

Lab File: BM042197.D

Acq: 04 Oct 2023 21:51

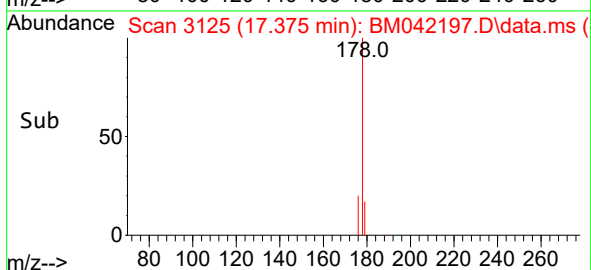
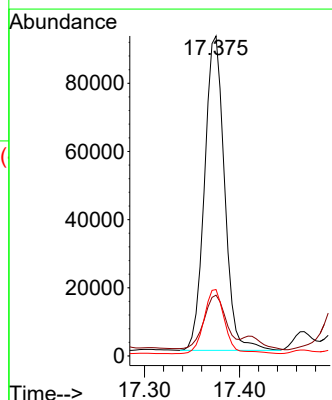
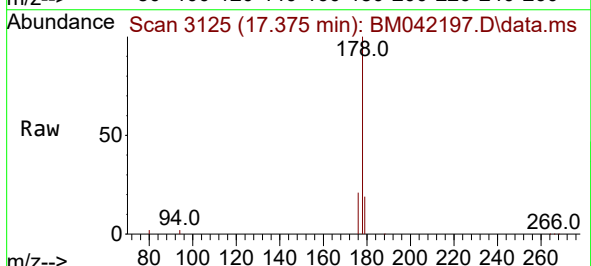
Tgt Ion:178 Resp: 135012

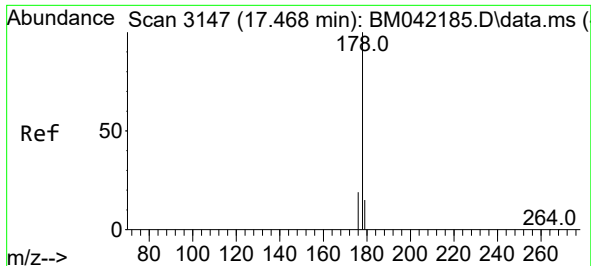
Ion Ratio Lower Upper

178 100

179 19.0 13.0 19.4

176 20.7 16.8 25.2

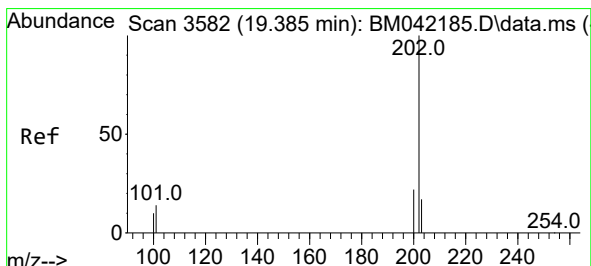
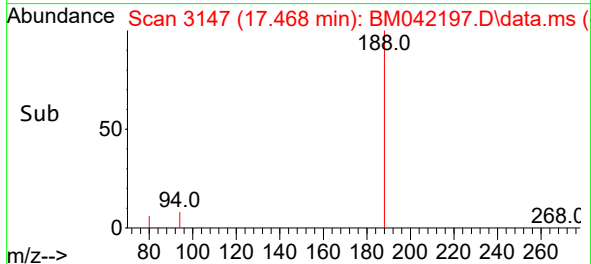
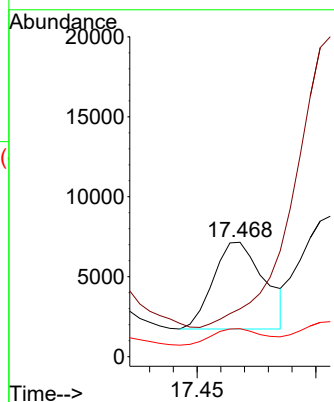
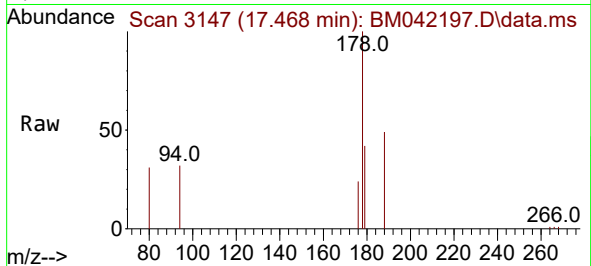




#16
 Anthracene
 Concen: 0.243 ng/ul
 RT: 17.468 min Scan# 3147
 Delta R.T. -0.008 min
 Lab File: BM042197.D
 Acq: 04 Oct 2023 21:51

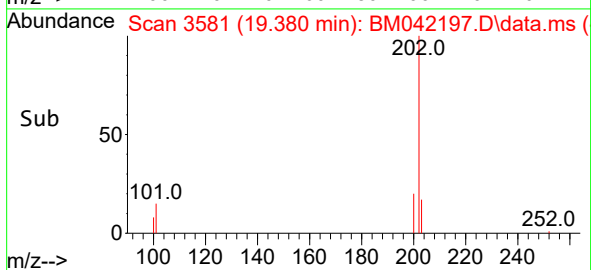
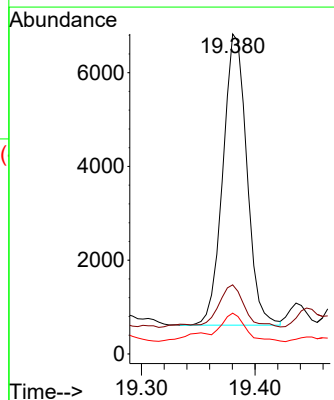
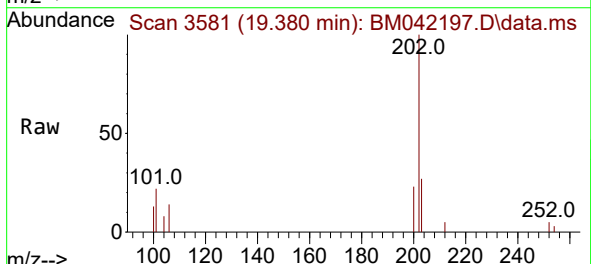
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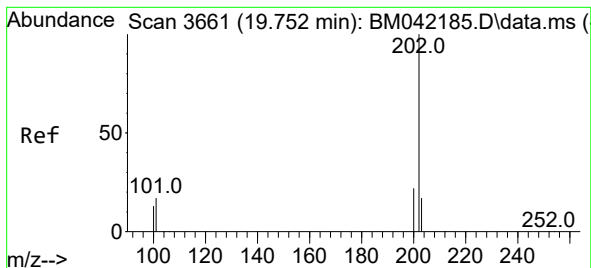
Tgt Ion:178 Resp: 8163
 Ion Ratio Lower Upper
 178 100
 179 41.9 12.9 19.3#
 176 24.5 16.3 24.5



#19
 Fluoranthene
 Concen: 0.196 ng/ul
 RT: 19.380 min Scan# 3581
 Delta R.T. -0.014 min
 Lab File: BM042197.D
 Acq: 04 Oct 2023 21:51

Tgt Ion:202 Resp: 9089
 Ion Ratio Lower Upper
 202 100
 101 21.6 11.1 16.7#
 100 12.7 8.2 12.2#





#20

Pyrene

Concen: 0.395 ng/ul

RT: 19.752 min Scan# 3

Delta R.T. -0.009 min

Lab File: BM042197.D

Acq: 04 Oct 2023 21:51

Instrument :

BNA_M

ClientSampleId :

BBHP1

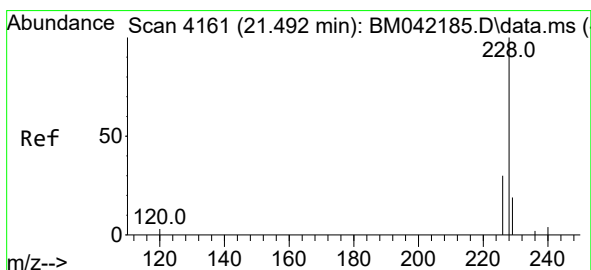
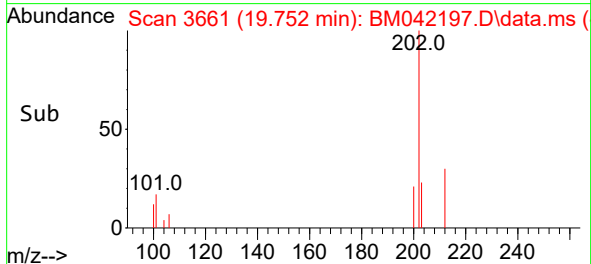
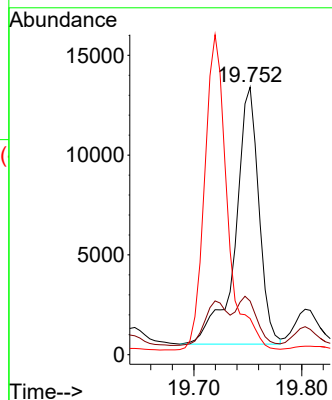
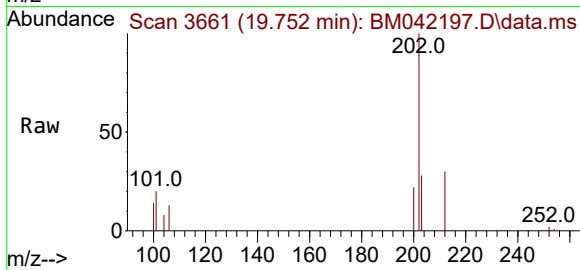
Tgt Ion:202 Resp: 19478

Ion Ratio Lower Upper

202 100

101 20.1 12.7 19.1#

100 13.5 9.9 14.9



#21

Benzo(a)anthracene

Concen: 0.155 ng/ul

RT: 21.486 min Scan# 4159

Delta R.T. -0.012 min

Lab File: BM042197.D

Acq: 04 Oct 2023 21:51

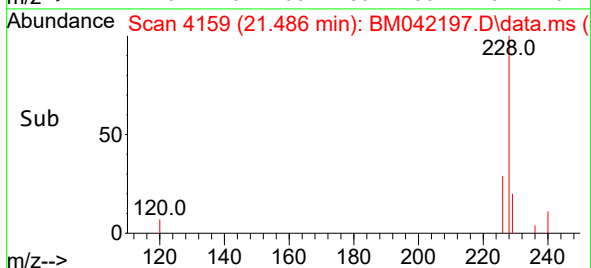
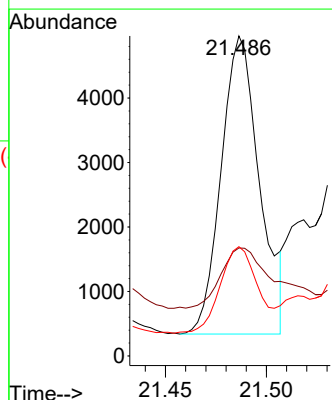
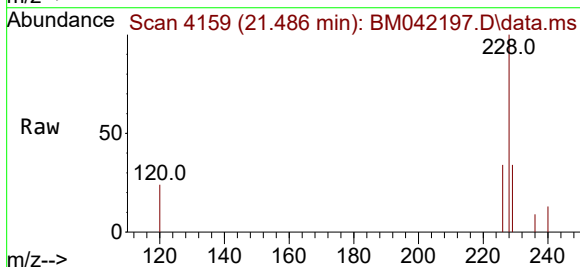
Tgt Ion:228 Resp: 6104

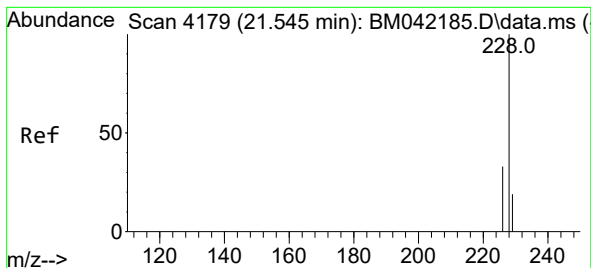
Ion Ratio Lower Upper

228 100

229 33.8 15.8 23.8#

226 34.2 24.6 37.0





#22

Chrysene

Concen: 0.146 ng/ul

RT: 21.542 min Scan# 4179

Delta R.T. -0.012 min

Lab File: BM042197.D

Acq: 04 Oct 2023 21:51

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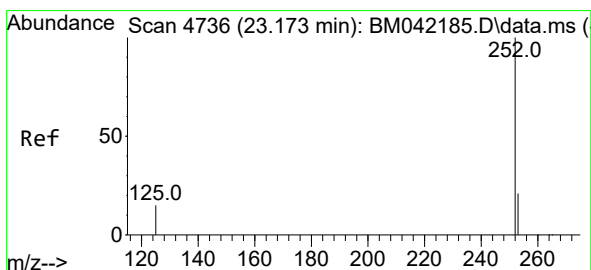
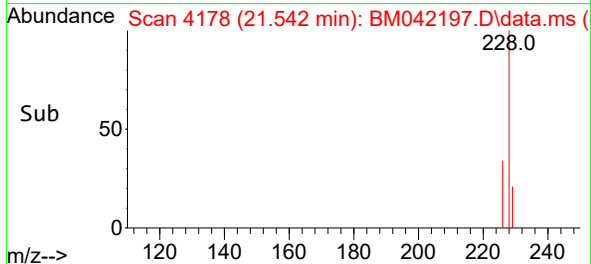
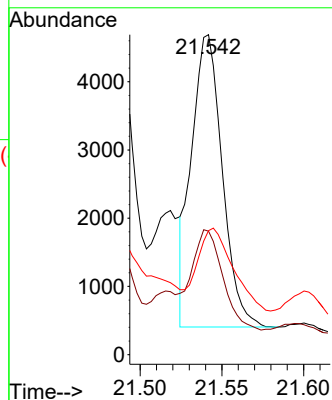
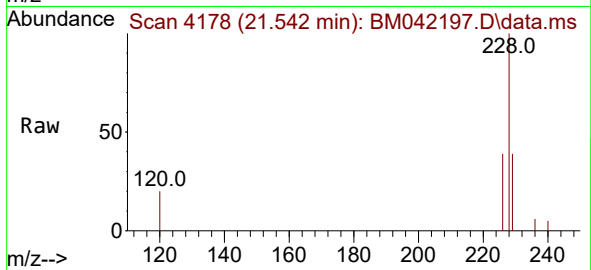
Tgt Ion:228 Resp: 5601

Ion Ratio Lower Upper

228 100

226 38.6 26.7 40.1

229 38.8 15.8 23.8#



#24

Benzo(b)fluoranthene

Concen: 0.121 ng/ul

RT: 23.164 min Scan# 4733

Delta R.T. -0.015 min

Lab File: BM042197.D

Acq: 04 Oct 2023 21:51

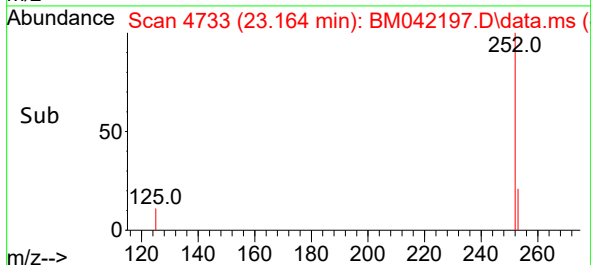
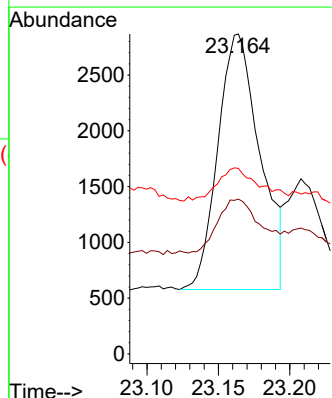
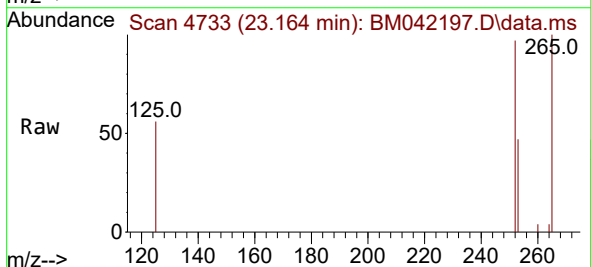
Tgt Ion:252 Resp: 4695

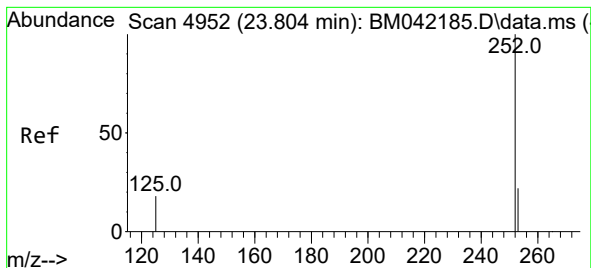
Ion Ratio Lower Upper

252 100

253 48.4 0.0 59.0

125 58.0 0.0 49.6#





#26

Benzo(a)pyrene

Concen: 0.105 ng/ul

RT: 23.795 min Scan# 4949

Delta R.T. -0.020 min

Lab File: BM042197.D

Acq: 04 Oct 2023 21:51

Instrument :

BNA_M

ClientSampleId :

BBHP1

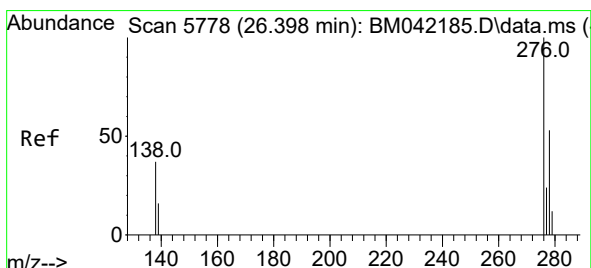
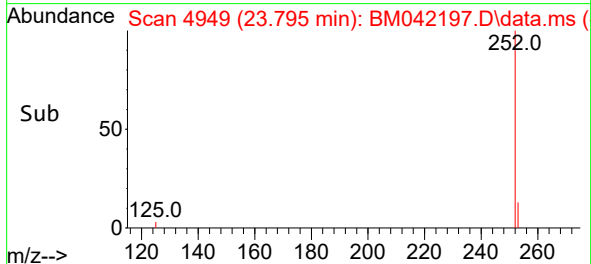
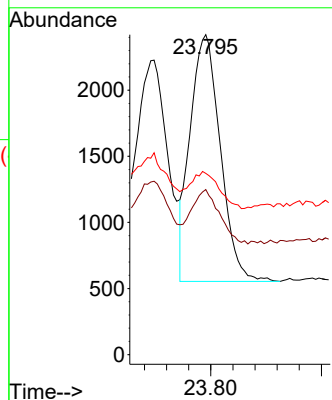
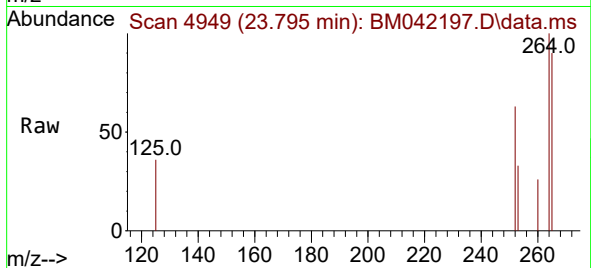
Tgt Ion:252 Resp: 3529

Ion Ratio Lower Upper

252 100

253 51.6 25.3 37.9#

125 56.7 23.2 34.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.056 ng/ul

RT: 26.384 min Scan# 5774

Delta R.T. -0.033 min

Lab File: BM042197.D

Acq: 04 Oct 2023 21:51

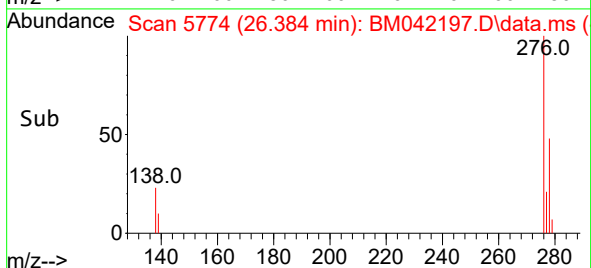
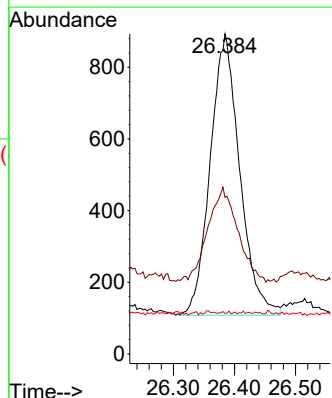
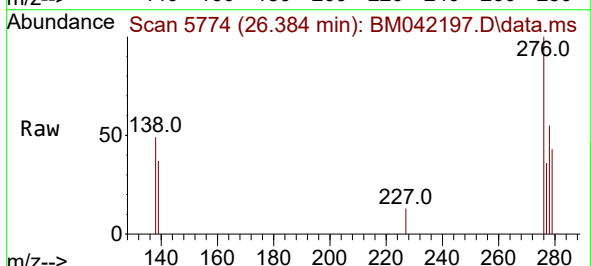
Tgt Ion:276 Resp: 2637

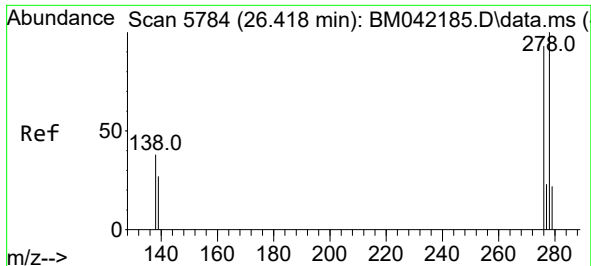
Ion Ratio Lower Upper

276 100

138 33.9 26.7 40.1

227 0.0 0.2 0.2#

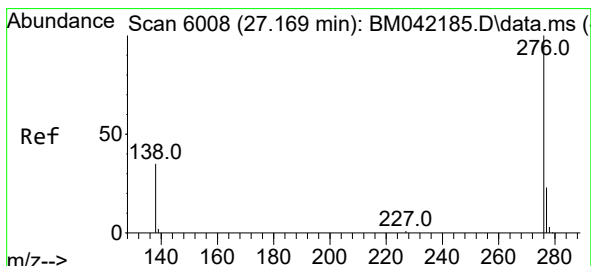
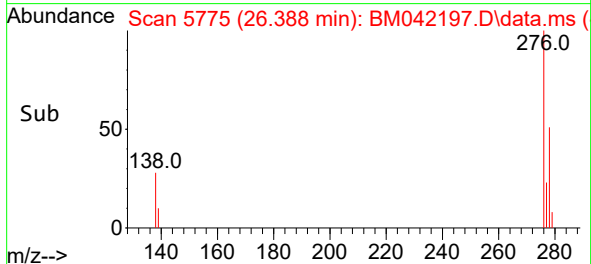
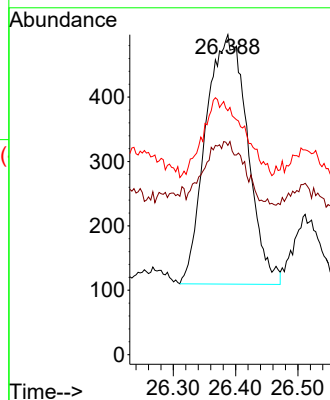
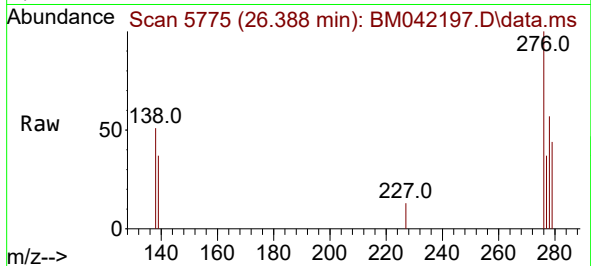




#28
Dibenzo(a,h)anthracene
Concen: 0.050 ng/ul
RT: 26.388 min Scan# 51
Delta R.T. -0.047 min
Lab File: BM042197.D
Acq: 04 Oct 2023 21:51

Instrument :
BNA_M
ClientSampleId :
BBHP1

Tgt Ion:278 Resp: 1804
Ion Ratio Lower Upper
278 100
139 65.4 21.7 32.5#
279 76.3 22.4 33.6#



#29
Benzo(g,h,i)perylene
Concen: 0.109 ng/ul
RT: 27.162 min Scan# 6006
Delta R.T. -0.033 min
Lab File: BM042197.D
Acq: 04 Oct 2023 21:51

Tgt Ion:276 Resp: 4308
Ion Ratio Lower Upper
276 100
138 41.6 26.8 40.2#
277 31.6 20.1 30.1#

