

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044130.D
 Acq On : 16 Feb 2024 09:42
 Operator : MA/JU
 Sample : P1305-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FP6

Quant Time: Feb 16 22:38:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

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

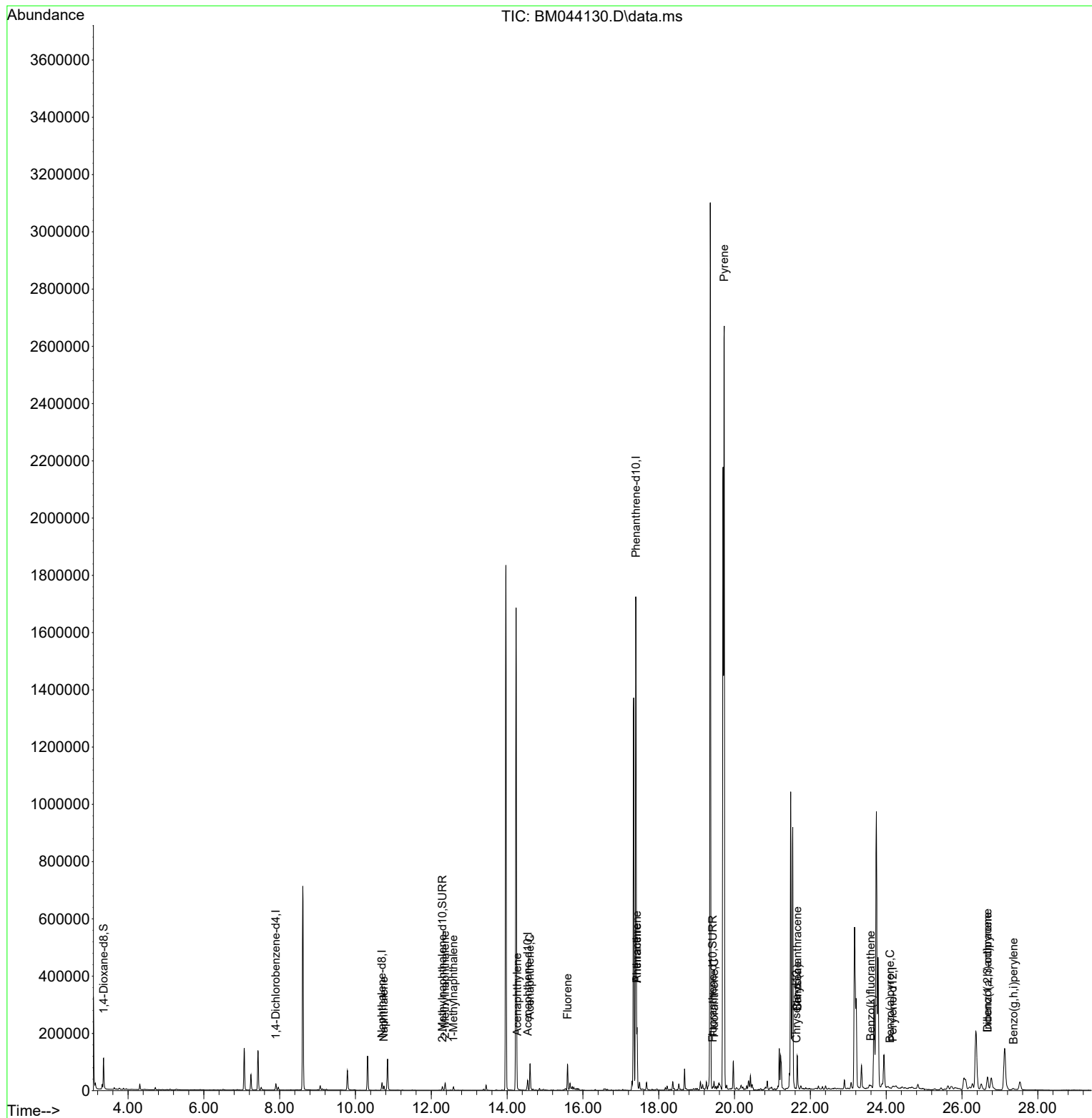
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	10653	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	35486	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	18302	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.398	188	1952148	0.400	ng/ul	# 0.10
17) Chrysene-d12	21.633	240	151	0.400	ng/ul	# 0.13
23) Perylene-d12	24.170	264	3951	0.400	ng/ul	# 0.28
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	70784	4.692	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	16220	0.326	ng/ul	0.00
18) Fluoranthene-d10	19.425	212	61	0.135	ng/ul	0.09
Target Compounds						Qvalue
5) Naphthalene	10.748	128	20592	0.195	ng/ul	100
7) 2-Methylnaphthalene	12.365	142	18144	0.279	ng/ul	100
8) 1-Methylnaphthalene	12.585	142	8178	0.124	ng/ul	98
10) Acenaphthylene	14.266	152	8362	0.083	ng/ul#	93
11) Acenaphthene	14.604	153	54926	0.753	ng/ul	99
12) Fluorene	15.594	166	57475	0.699	ng/ul	98
15) Phenanthrene	17.428	178	217683	0.035	ng/ul	99
16) Anthracene	17.428	178	214726	0.035	ng/ul	100
19) Fluoranthene	19.462	202	4811	6.989	ng/ul#	73
20) Pyrene	19.727	202	2180102	3011.322	ng/ul	97
21) Benzo(a)anthracene	21.654	228	53340	77.134	ng/ul#	57
22) Chrysene	21.654	228	89734	120.356	ng/ul#	60
25) Benzo(k)fluoranthene	23.597	252	15312	0.865	ng/ul#	1
26) Benzo(a)pyrene	24.106	252	1648	0.109	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.674	276	17594	0.912	ng/ul#	36
28) Dibenzo(a,h)anthracene	26.674	278	66557	4.381	ng/ul	98
29) Benzo(g,h,i)perylene	27.361	276	4635	0.272	ng/ul#	6

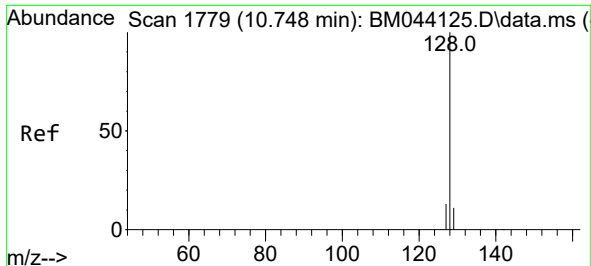
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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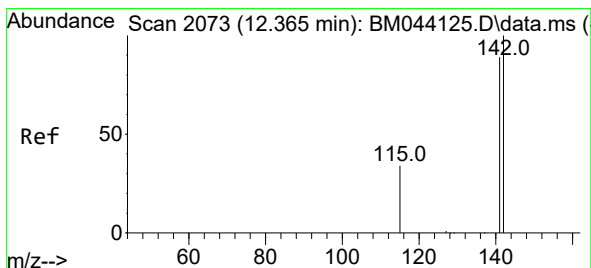
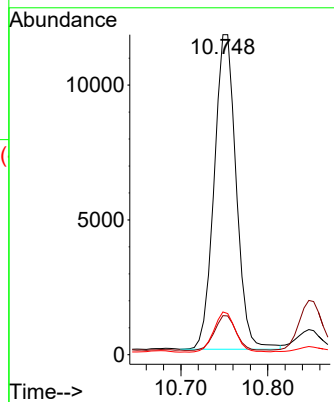
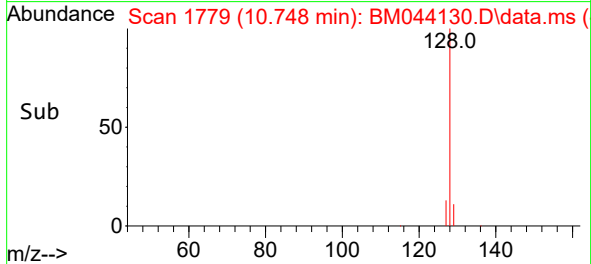
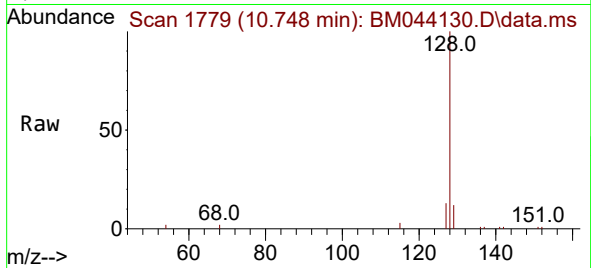




#5
Naphthalene
Concen: 0.195 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BM044130.D
Acq: 16 Feb 2024 09:42

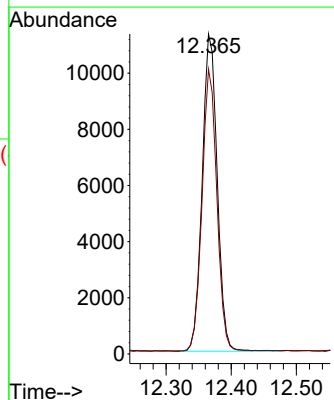
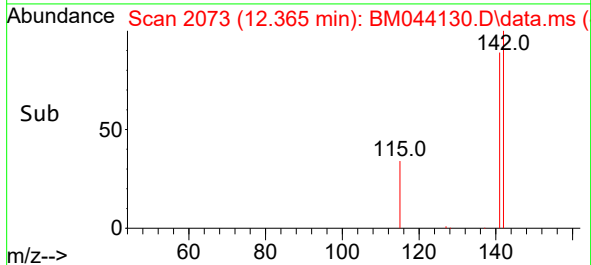
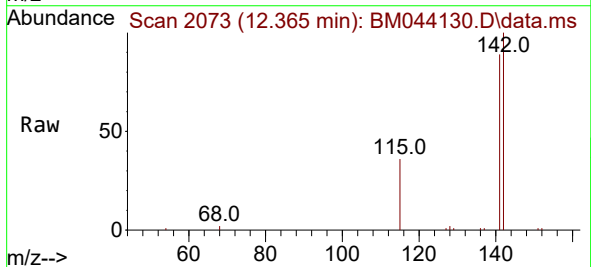
Instrument :
BNA_M
ClientSampleId :
C0FP6

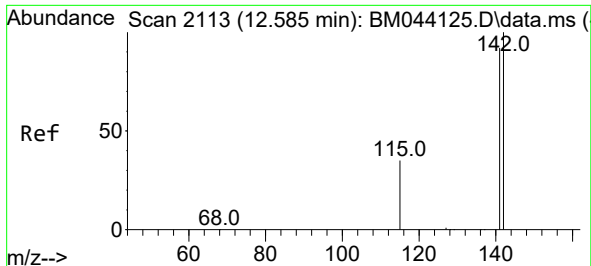
Tgt Ion:128 Resp: 20592
Ion Ratio Lower Upper
128 100
129 12.2 9.5 14.3
127 13.3 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.279 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.006 min
Lab File: BM044130.D
Acq: 16 Feb 2024 09:42

Tgt Ion:142 Resp: 18144
Ion Ratio Lower Upper
142 100
141 87.7 70.0 105.0

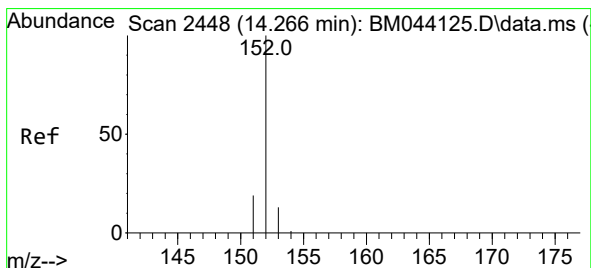
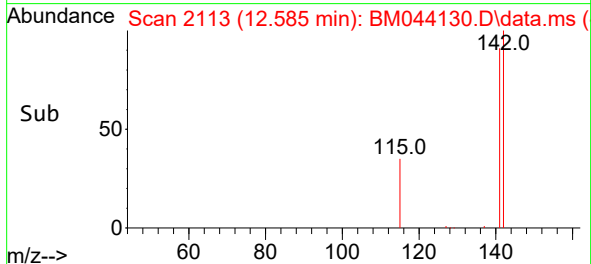
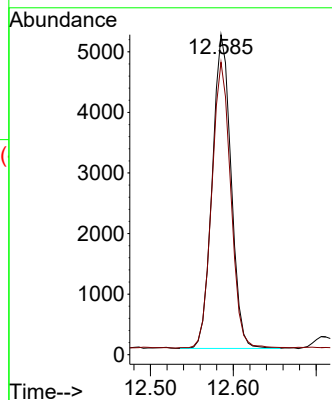
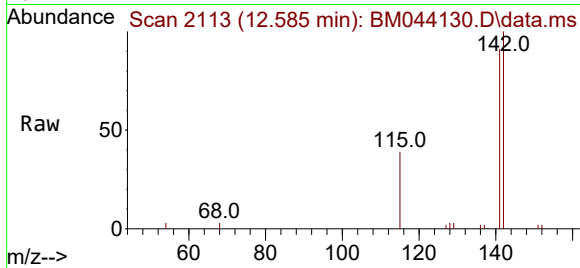




#8
1-Methylnaphthalene
Concen: 0.124 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM044130.D
Acq: 16 Feb 2024 09:42

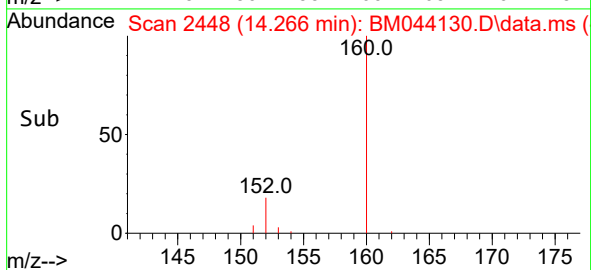
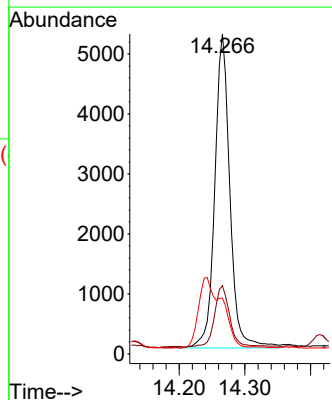
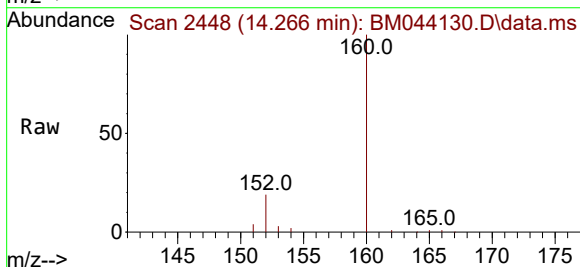
Instrument :
BNA_M
ClientSampleId :
C0FP6

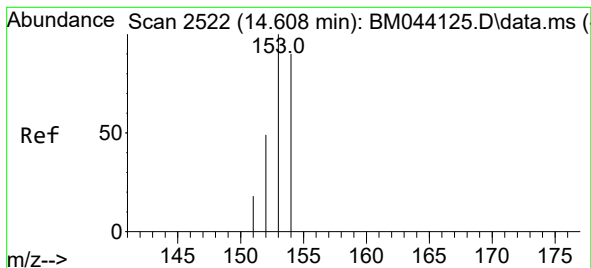
Tgt Ion:142 Resp: 8178
Ion Ratio Lower Upper
142 100
141 92.1 72.5 108.7



#10
Acenaphthylene
Concen: 0.083 ng/ul
RT: 14.266 min Scan# 2448
Delta R.T. -0.004 min
Lab File: BM044130.D
Acq: 16 Feb 2024 09:42

Tgt Ion:152 Resp: 8362
Ion Ratio Lower Upper
152 100
151 21.3 15.5 23.3
153 17.5 10.8 16.2#





#11

Acenaphthene

Concen: 0.753 ng/ul

RT: 14.604 min Scan# 21

Delta R.T. -0.004 min

Lab File: BM044130.D

Acq: 16 Feb 2024 09:42

Instrument :

BNA_M

ClientSampleId :

C0FP6

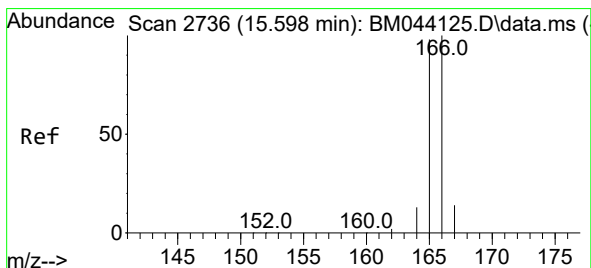
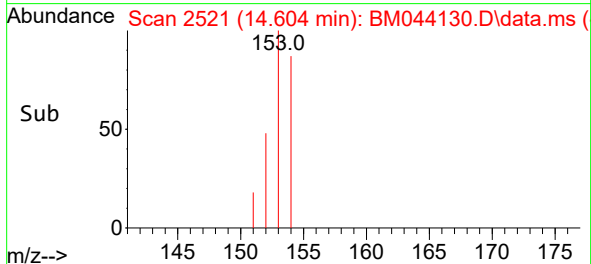
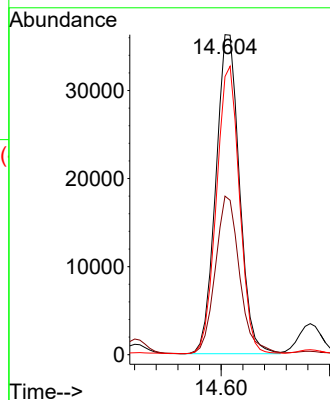
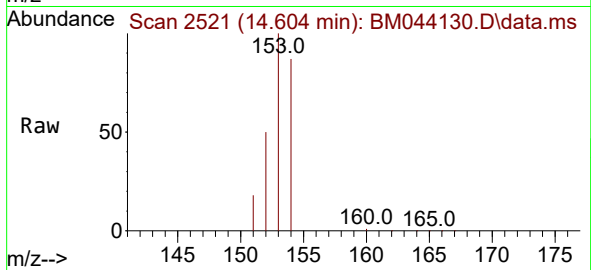
Tgt Ion:153 Resp: 54926

Ion Ratio Lower Upper

153 100

152 49.5 40.6 61.0

154 86.9 70.1 105.1



#12

Fluorene

Concen: 0.699 ng/ul

RT: 15.594 min Scan# 2735

Delta R.T. -0.004 min

Lab File: BM044130.D

Acq: 16 Feb 2024 09:42

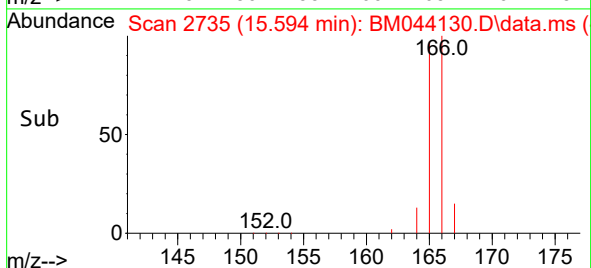
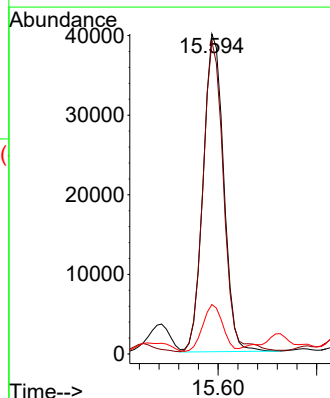
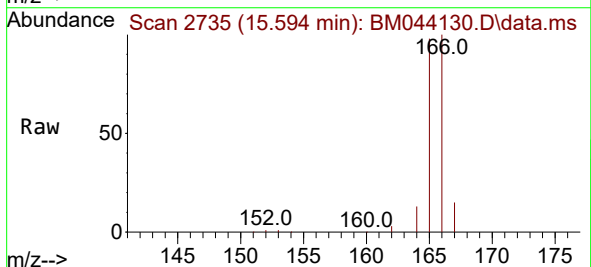
Tgt Ion:166 Resp: 57475

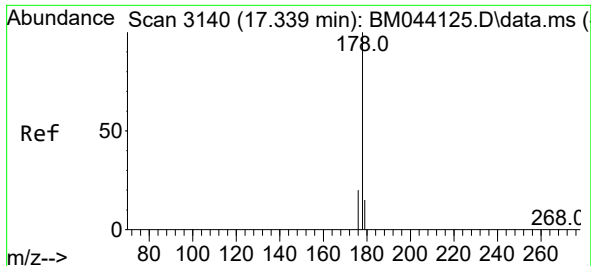
Ion Ratio Lower Upper

166 100

165 97.7 79.8 119.6

167 15.5 11.1 16.7

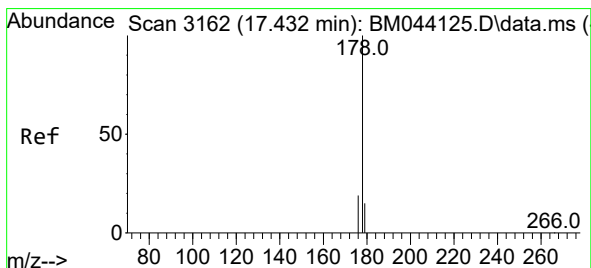
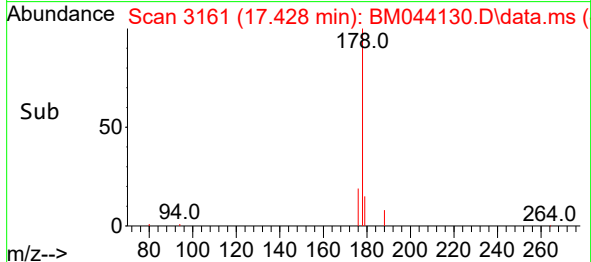
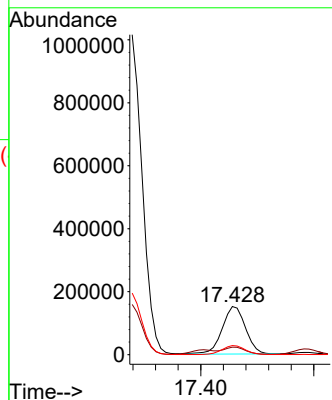
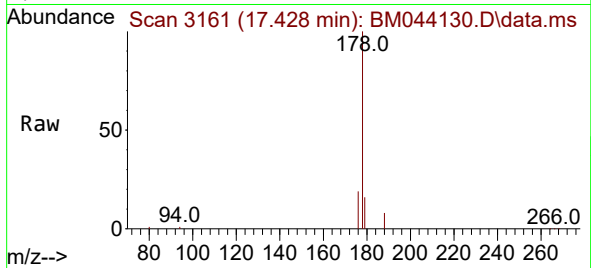




#15
Phenanthrene
Concen: 0.035 ng/ul
RT: 17.428 min Scan# 3140
Delta R.T. 0.090 min
Lab File: BM044130.D
Acq: 16 Feb 2024 09:42

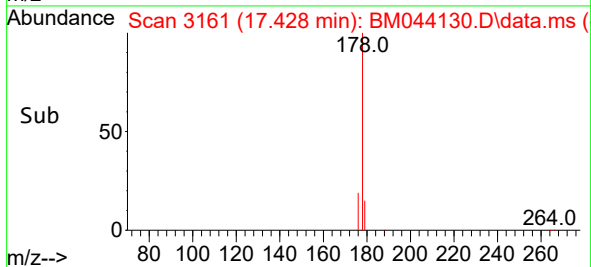
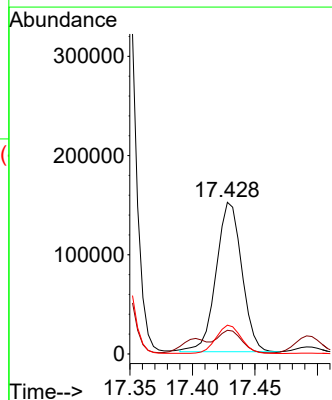
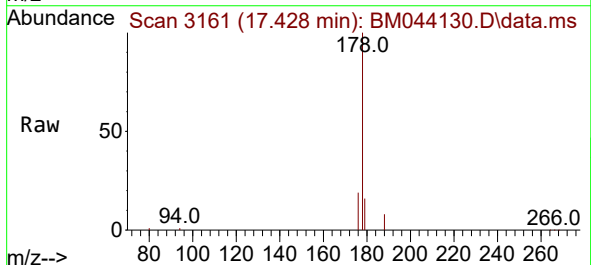
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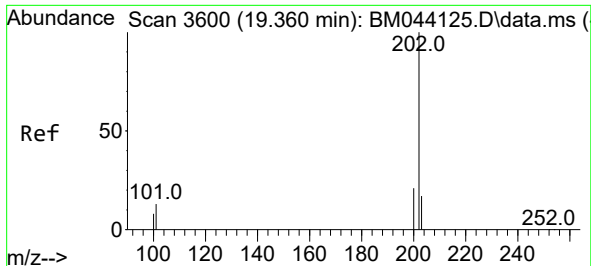
Tgt Ion:178 Resp: 217683
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.0 16.0 24.0



#16
Anthracene
Concen: 0.035 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.008 min
Lab File: BM044130.D
Acq: 16 Feb 2024 09:42

Tgt Ion:178 Resp: 214726
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 19.0 15.3 22.9

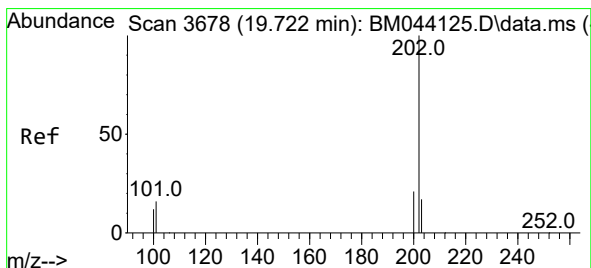
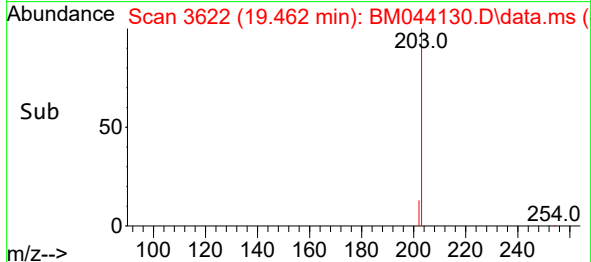
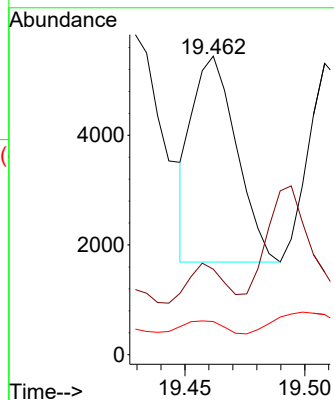
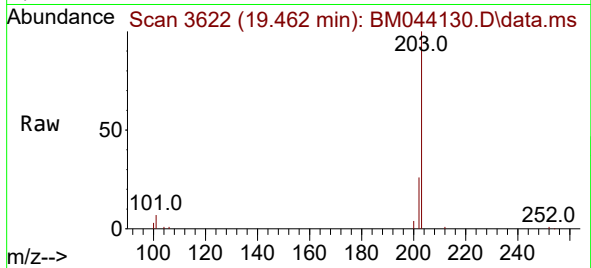




#19
Fluoranthene
Concen: 6.989 ng/ul
RT: 19.462 min Scan# 3622
Delta R.T. 0.098 min
Lab File: BM044130.D
Acq: 16 Feb 2024 09:42

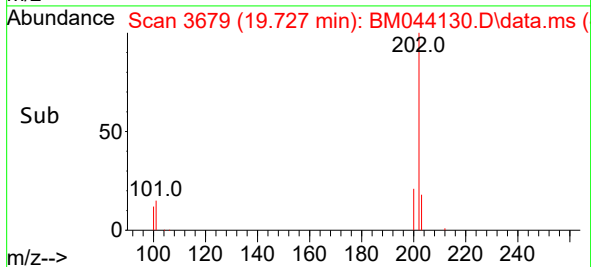
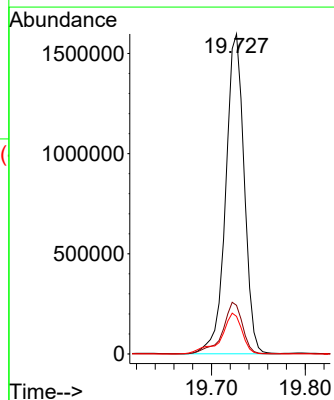
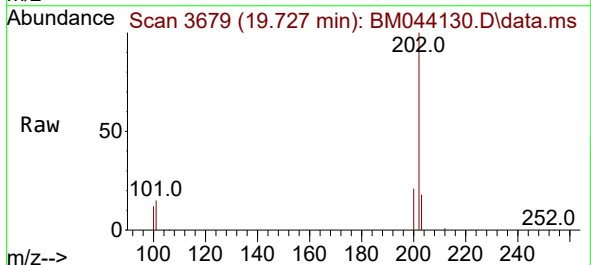
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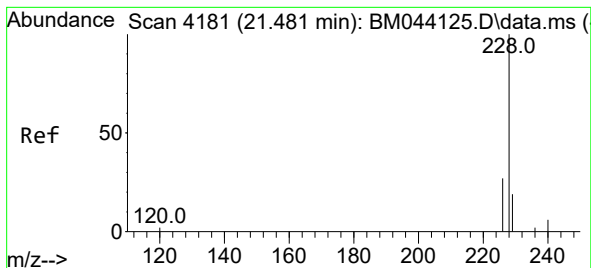
Tgt Ion:202 Resp: 4811
Ion Ratio Lower Upper
202 100
101 28.6 9.8 14.6#
100 11.1 7.0 10.4#



#20
Pyrene
Concen: 3011.322 ng/ul
RT: 19.727 min Scan# 3679
Delta R.T. 0.001 min
Lab File: BM044130.D
Acq: 16 Feb 2024 09:42

Tgt Ion:202 Resp: 2180102
Ion Ratio Lower Upper
202 100
101 15.2 11.2 16.8
100 11.7 8.6 13.0





#21

Benzo(a)anthracene

Concen: 77.134 ng/ul

RT: 21.654 min Scan# 4181

Delta R.T. 0.169 min

Lab File: BM044130.D

Acq: 16 Feb 2024 09:42

Instrument :

BNA_M

ClientSampleId :

C0FP6

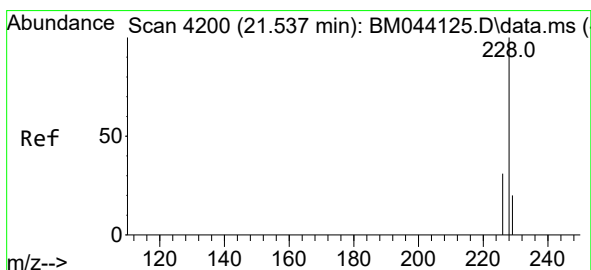
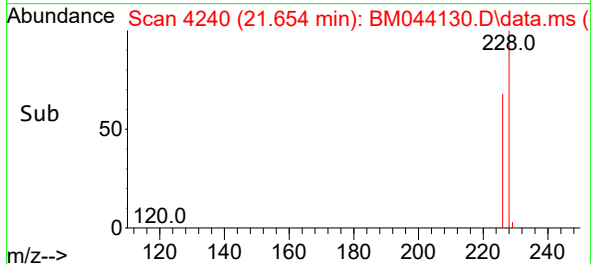
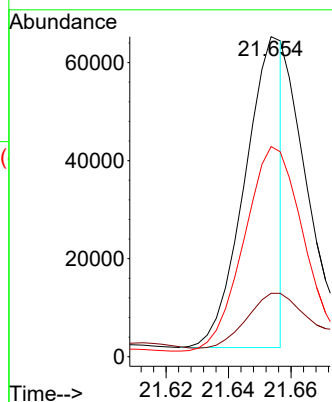
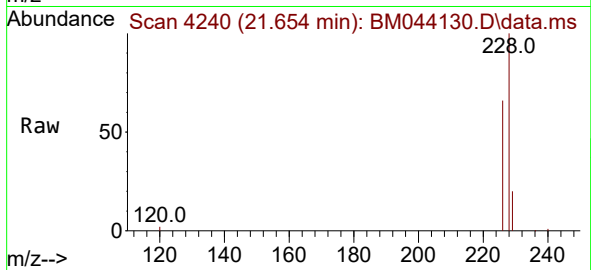
Tgt Ion:228 Resp: 53340

Ion Ratio Lower Upper

228 100

229 19.8 15.4 23.2

226 65.7 22.1 33.1#



#22

Chrysene

Concen: 120.356 ng/ul

RT: 21.654 min Scan# 4240

Delta R.T. 0.116 min

Lab File: BM044130.D

Acq: 16 Feb 2024 09:42

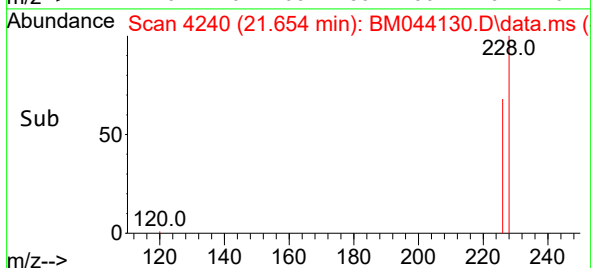
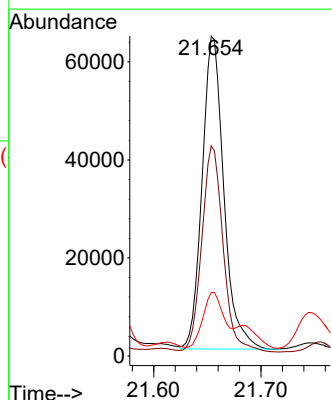
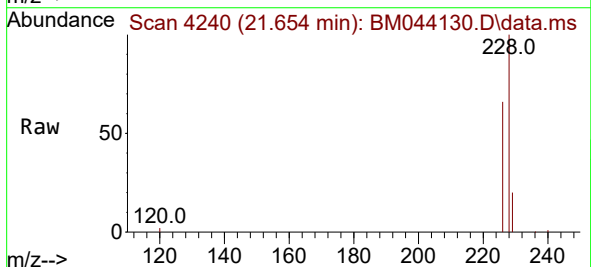
Tgt Ion:228 Resp: 89734

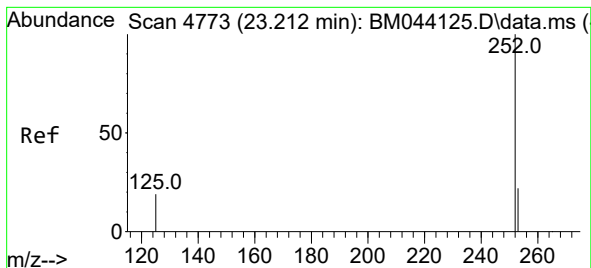
Ion Ratio Lower Upper

228 100

226 65.7 24.2 36.2#

229 19.8 15.8 23.6





#25

Benzo(k)fluoranthene

Concen: 0.865 ng/u1

RT: 23.597 min Scan# 4905

Delta R.T. 0.385 min

Lab File: BM044130.D

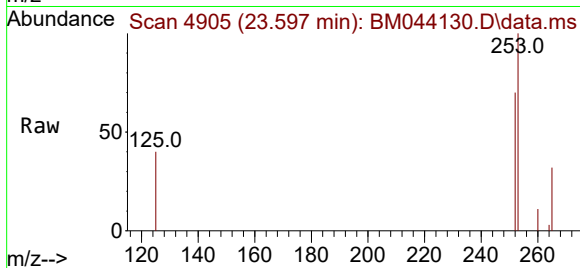
Acq: 16 Feb 2024 09:42

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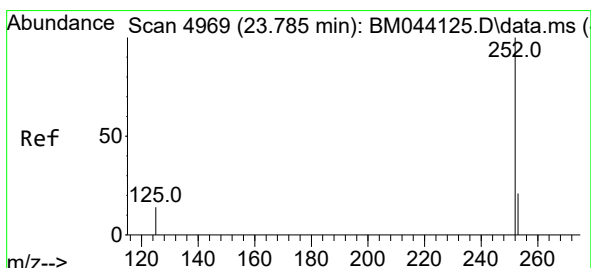
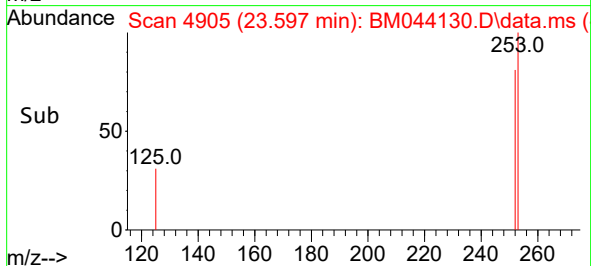
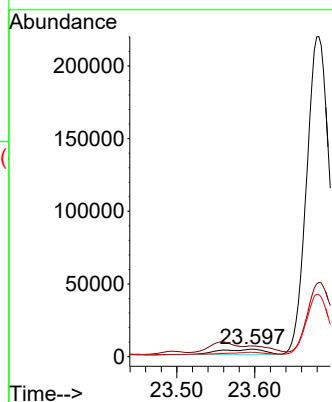
Tgt Ion:252 Resp: 15312

Ion Ratio Lower Upper

252 100

253 142.6 20.1 30.1#

125 57.7 12.3 18.5#



#26

Benzo(a)pyrene

Concen: 0.109 ng/u1

RT: 24.106 min Scan# 5079

Delta R.T. 0.321 min

Lab File: BM044130.D

Acq: 16 Feb 2024 09:42

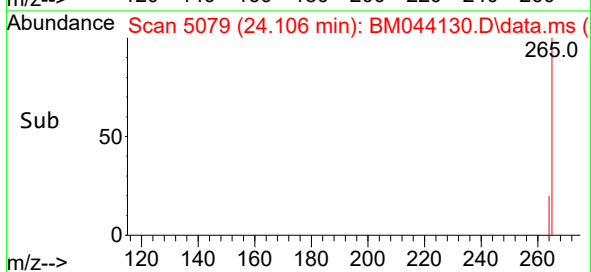
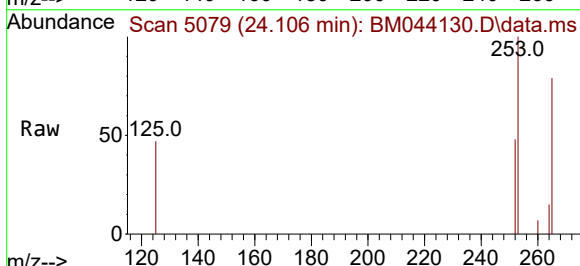
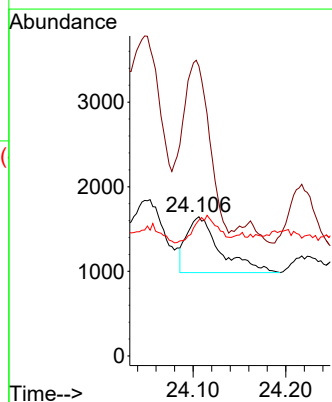
Tgt Ion:252 Resp: 1648

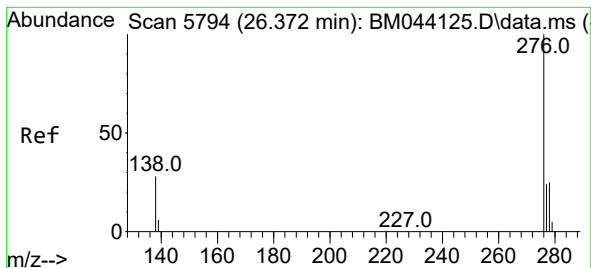
Ion Ratio Lower Upper

252 100

253 208.2 21.4 32.2#

125 97.6 13.3 19.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.912 ng/ul

RT: 26.674 min Scan# 5

Delta R.T. 0.304 min

Lab File: BM044130.D

Acq: 16 Feb 2024 09:42

Instrument :

BNA_M

ClientSampleId :

C0FP6

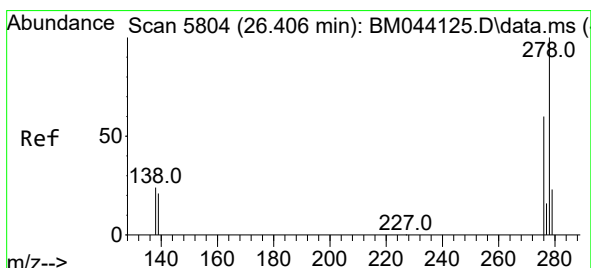
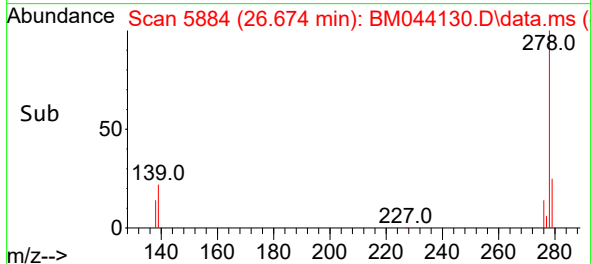
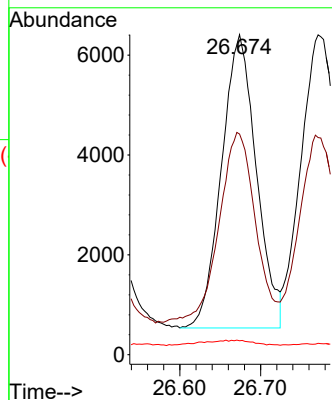
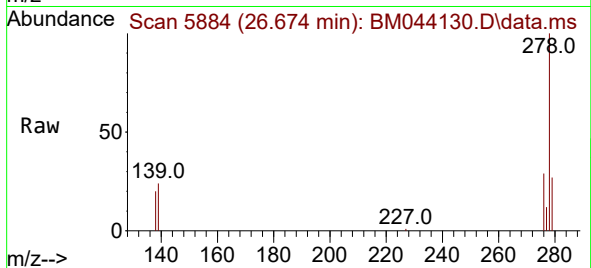
Tgt Ion:276 Resp: 17594

Ion Ratio Lower Upper

276 100

138 67.0 25.2 37.8#

227 1.6 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 4.381 ng/ul

RT: 26.674 min Scan# 5884

Delta R.T. 0.264 min

Lab File: BM044130.D

Acq: 16 Feb 2024 09:42

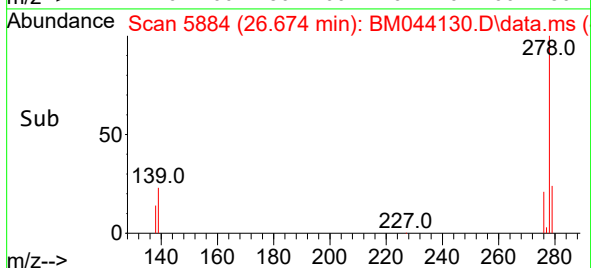
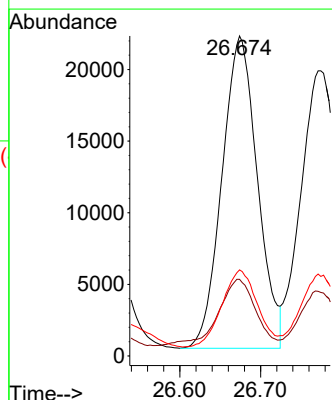
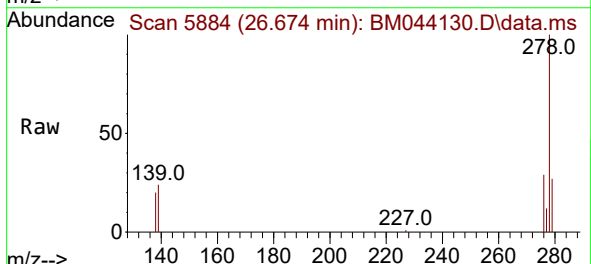
Tgt Ion:278 Resp: 66557

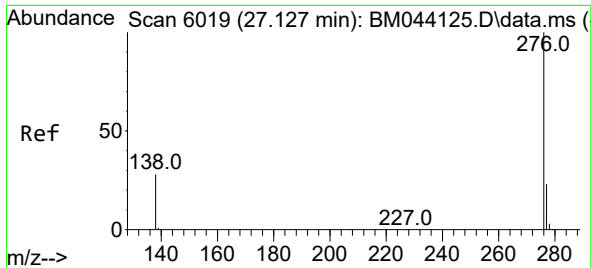
Ion Ratio Lower Upper

278 100

139 24.0 17.8 26.8

279 26.9 21.8 32.8





#29
Benzo(g,h,i)perylene
Concen: 0.272 ng/ul
RT: 27.361 min Scan# 6019
Delta R.T. 0.234 min
Lab File: BM044130.D
Acq: 16 Feb 2024 09:42

Instrument :
BNA_M
ClientSampleId :
C0FP6

Tgt Ion:276 Resp: 4635
Ion Ratio Lower Upper
276 100
138 69.4 22.7 34.1#
277 79.5 19.0 28.6#

