

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048397.D
 Acq On : 01 Nov 2024 16:13
 Operator : RC/JU
 Sample : P4592-04DL 5X
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H04DL

Quant Time: Nov 03 21:49:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 14:58:12 2024
 Response via : Initial Calibration

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

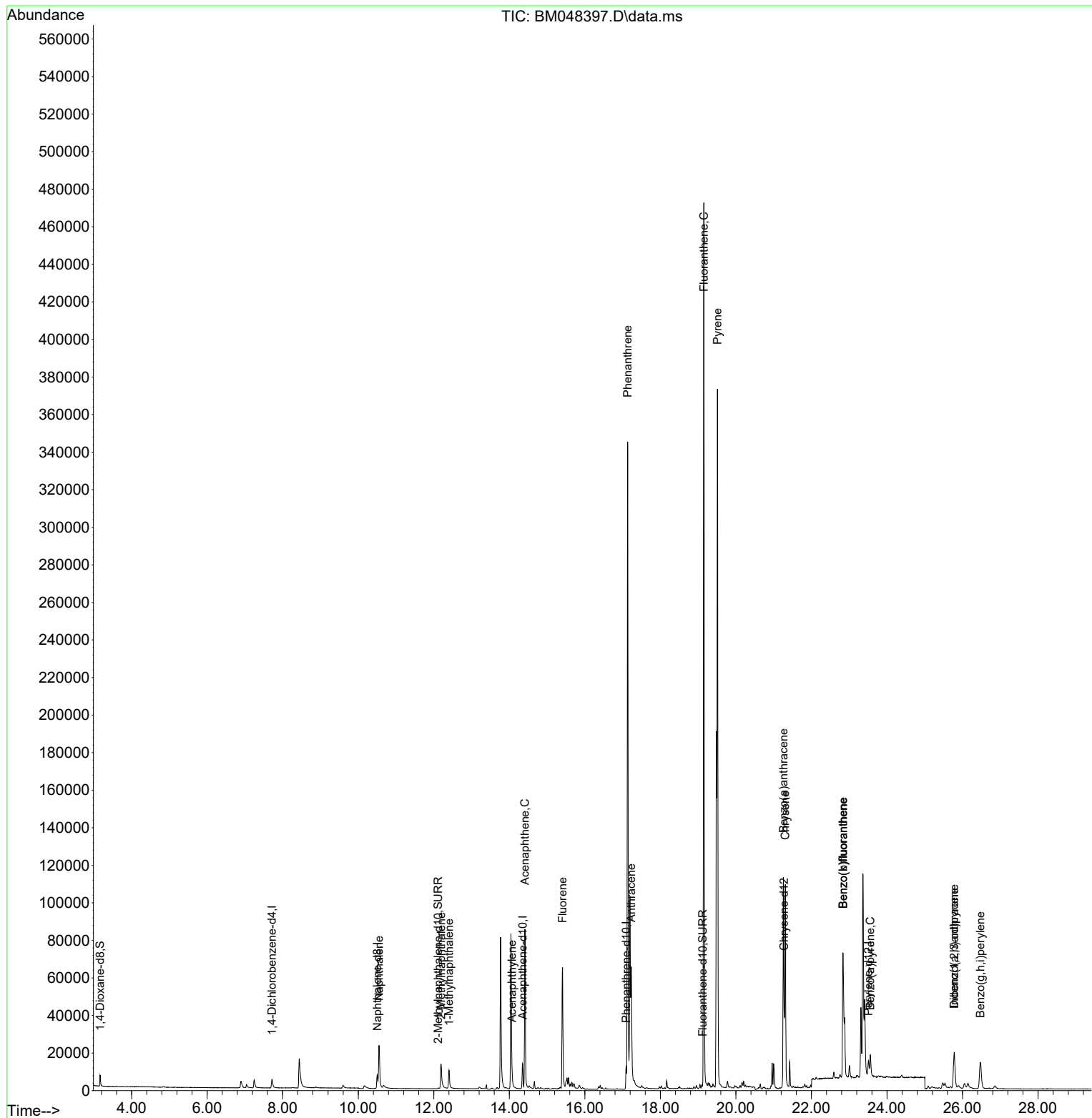
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	4015	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.501	136	12823	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.353	164	7478	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.094	188	14678	0.400	ng/ul	-0.03
17) Chrysene-d12	21.272	240	12567	0.400	ng/ul	-0.02
23) Perylene-d12	23.511	264	13553	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	3576	0.725	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.118	152	896	0.055	ng/ul	-0.02
18) Fluoranthene-d10	19.122	212	2071	0.065	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.550	128	41874	1.250	ng/ul	96
7) 2-Methylnaphthalene	12.195	142	15984	0.802	ng/ul	98
8) 1-Methylnaphthalene	12.404	142	9327	0.439	ng/ul	97
10) Acenaphthylene	14.071	152	6169	0.213	ng/ul	96
11) Acenaphthene	14.413	153	52638	2.272	ng/ul	99
12) Fluorene	15.408	166	53168	2.064	ng/ul	99
15) Phenanthrene	17.132	178	389354	10.671	ng/ul	97
16) Anthracene	17.229	178	83546	2.446	ng/ul	98
19) Fluoranthene	19.150	202	418633	9.661	ng/ul	98
20) Pyrene	19.512	202	330088	7.099	ng/ul	99
21) Benzo(a)anthracene	21.257	228	105066	2.791	ng/ul	99
22) Chrysene	21.307	228	111184	2.146	ng/ul	99
24) Benzo(b)fluoranthene	22.835	252	153149	3.306	ng/ul	87
25) Benzo(k)fluoranthene	22.835	252	153149	2.793	ng/ul#	87
26) Benzo(a)pyrene	23.560	252	13662	0.314	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.779	276	35617	0.586	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.783	278	8215	0.173	ng/ul	94
29) Benzo(g,h,i)perylene	26.474	276	33996	0.663	ng/ul	97

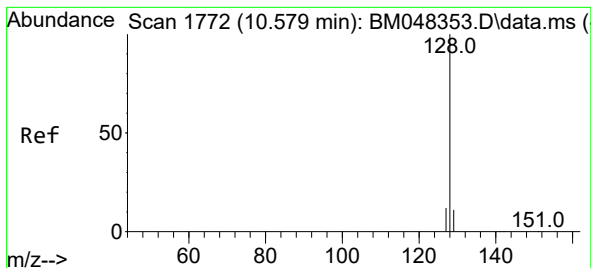
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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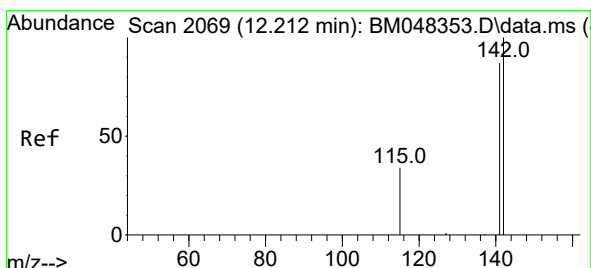
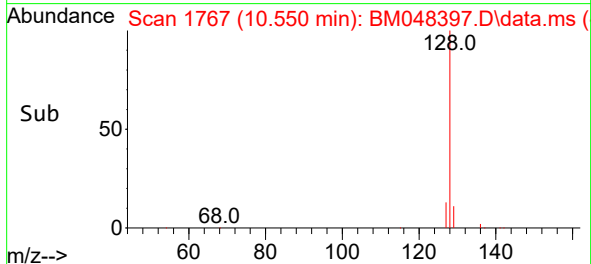
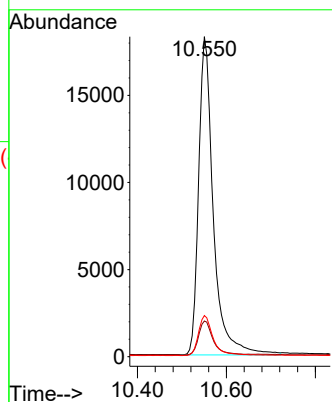
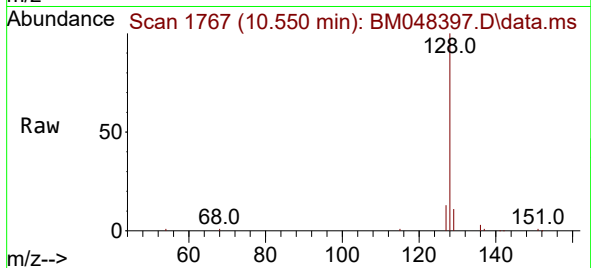




#5
Naphthalene
Concen: 1.250 ng/ul
RT: 10.550 min Scan# 1767
Delta R.T. -0.029 min
Lab File: BM048397.D
Acq: 01 Nov 2024 16:13

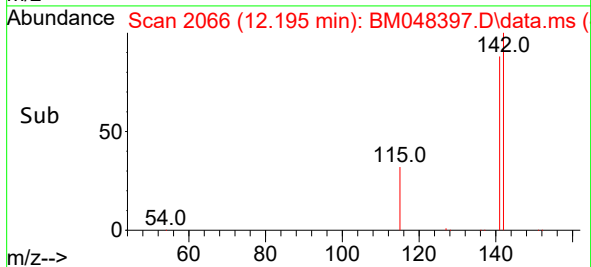
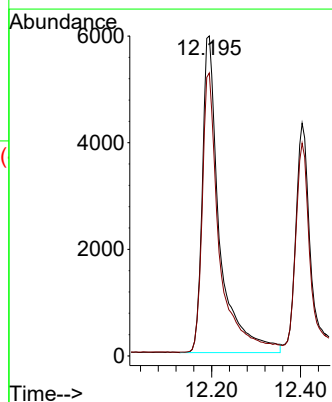
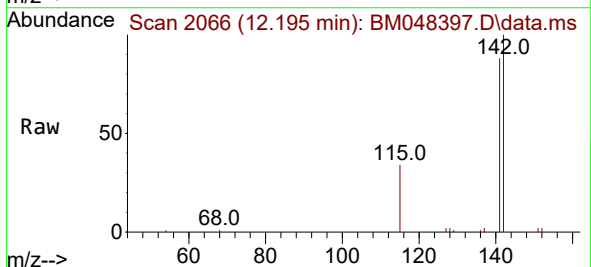
Instrument :
BNA_M
ClientSampleId :
F7H04DL

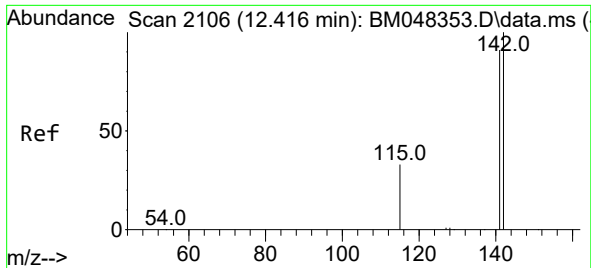
Tgt Ion:128 Resp: 41874
Ion Ratio Lower Upper
128 100
129 11.1 10.6 15.8
127 12.9 11.4 17.2



#7
2-Methylnaphthalene
Concen: 0.802 ng/ul
RT: 12.195 min Scan# 2066
Delta R.T. -0.018 min
Lab File: BM048397.D
Acq: 01 Nov 2024 16:13

Tgt Ion:142 Resp: 15984
Ion Ratio Lower Upper
142 100
141 87.9 72.2 108.2

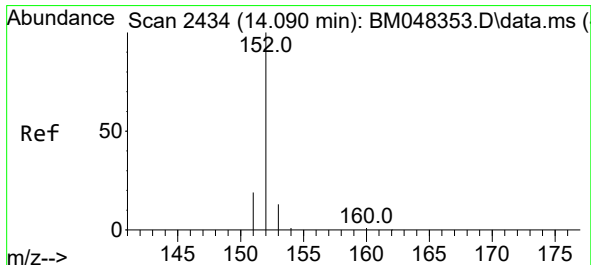
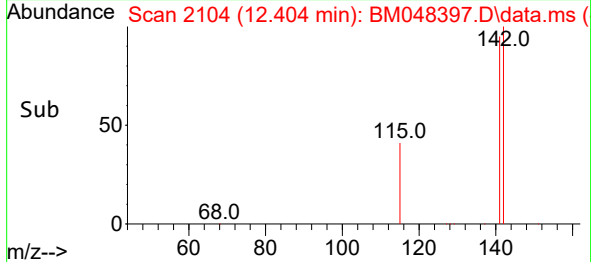
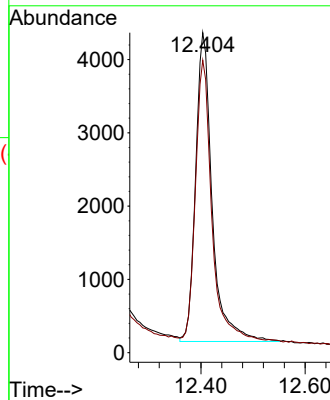
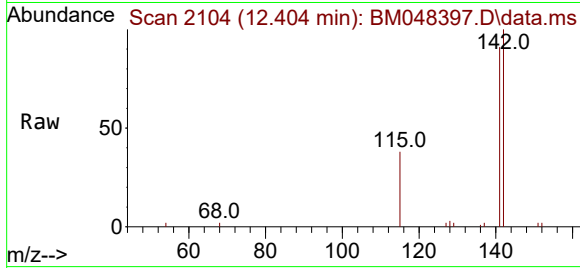




#8
1-Methylnaphthalene
Concen: 0.439 ng/ul
RT: 12.404 min Scan# 2104
Delta R.T. -0.012 min
Lab File: BM048397.D
Acq: 01 Nov 2024 16:13

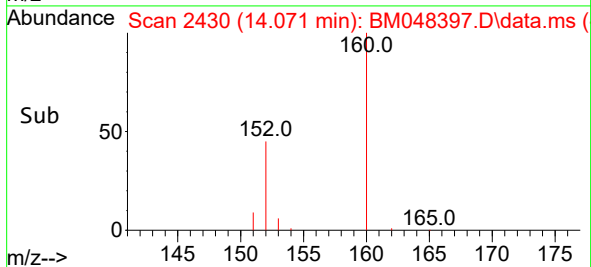
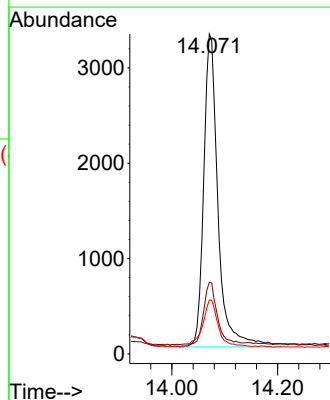
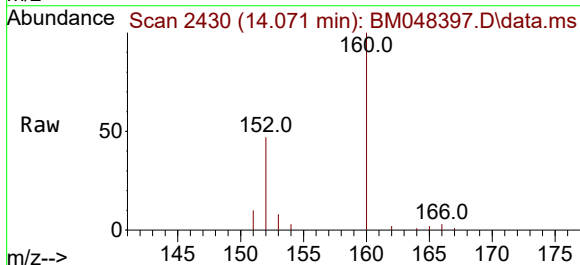
Instrument :
BNA_M
ClientSampleId :
F7H04DL

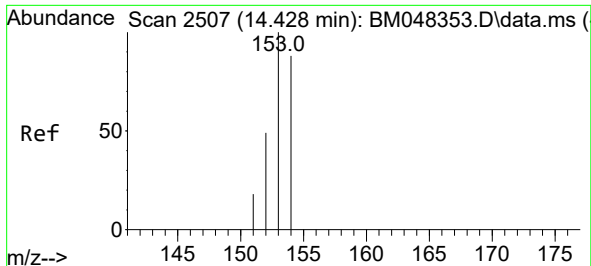
Tgt Ion:142 Resp: 9327
Ion Ratio Lower Upper
142 100
141 91.3 75.5 113.3



#10
Acenaphthylene
Concen: 0.213 ng/ul
RT: 14.071 min Scan# 2430
Delta R.T. -0.020 min
Lab File: BM048397.D
Acq: 01 Nov 2024 16:13

Tgt Ion:152 Resp: 6169
Ion Ratio Lower Upper
152 100
151 22.4 16.6 24.8
153 16.9 11.8 17.6

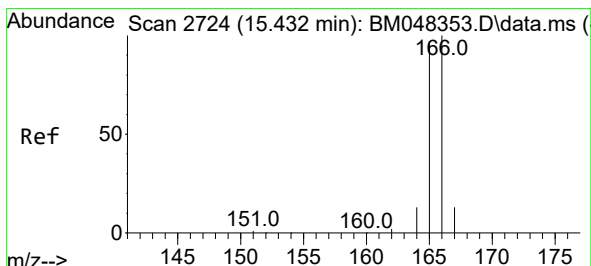
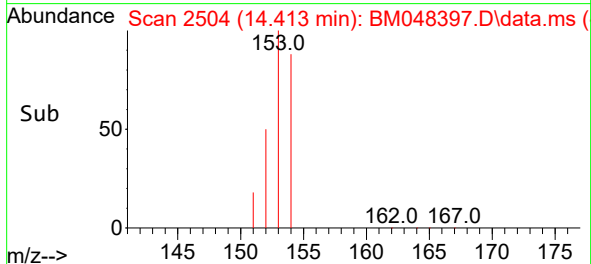
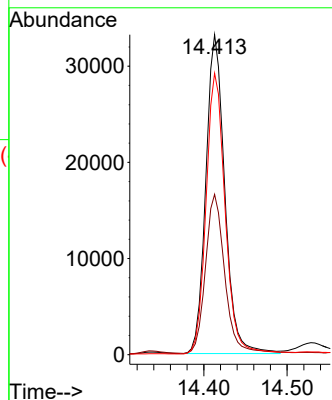
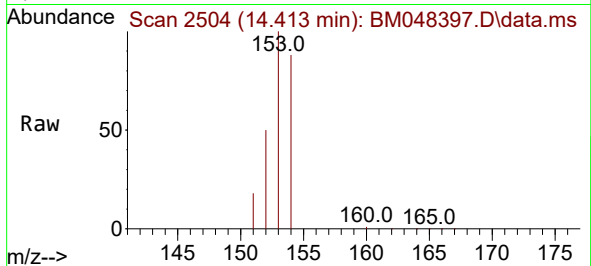




#11
Acenaphthene
Concen: 2.272 ng/ul
RT: 14.413 min Scan# 21
Delta R.T. -0.015 min
Lab File: BM048397.D
Acq: 01 Nov 2024 16:13

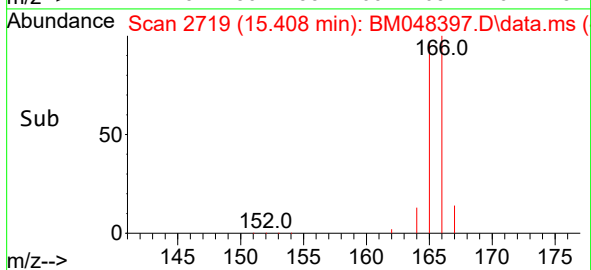
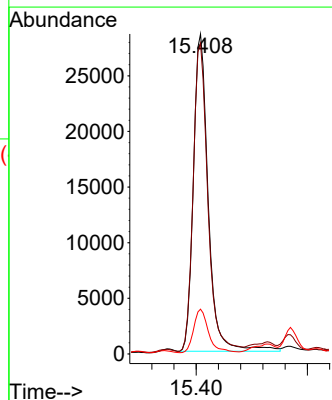
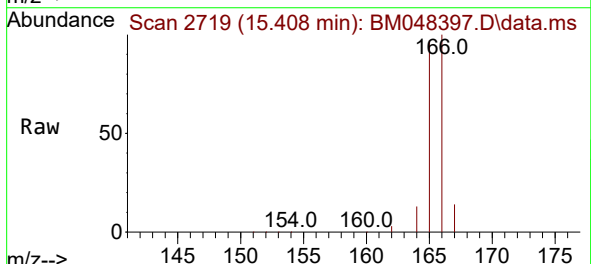
Instrument :
BNA_M
ClientSampleId :
F7H04DL

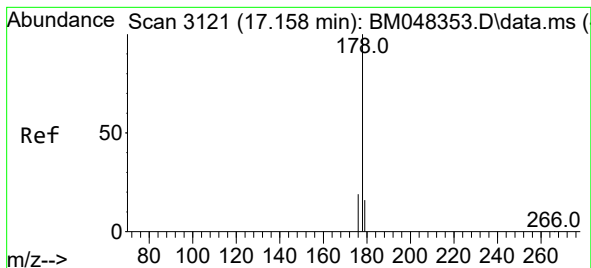
Tgt Ion:153 Resp: 52638
Ion Ratio Lower Upper
153 100
152 50.1 40.7 61.1
154 87.9 70.6 106.0



#12
Fluorene
Concen: 2.064 ng/ul
RT: 15.408 min Scan# 2719
Delta R.T. -0.024 min
Lab File: BM048397.D
Acq: 01 Nov 2024 16:13

Tgt Ion:166 Resp: 53168
Ion Ratio Lower Upper
166 100
165 97.1 78.6 118.0
167 14.0 12.1 18.1





#15

Phenanthrene

Concen: 10.671 ng/ul

RT: 17.132 min Scan# 3115

Delta R.T. -0.027 min

Lab File: BM048397.D

Acq: 01 Nov 2024 16:13

Instrument :

BNA_M

ClientSampleId :

F7H04DL

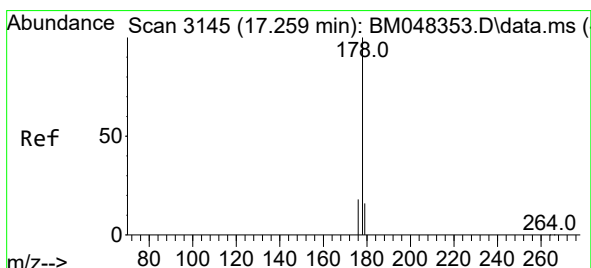
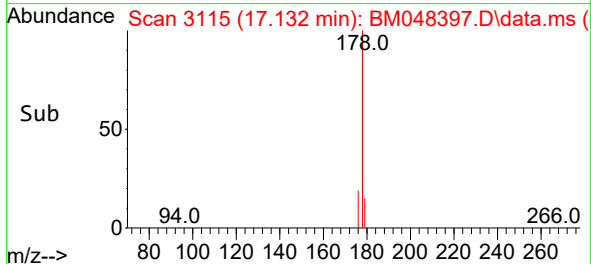
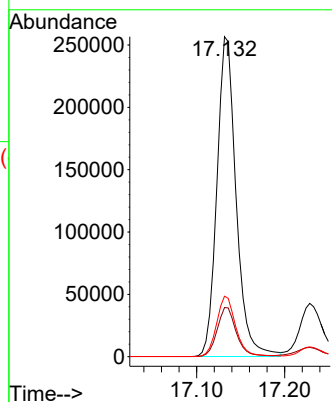
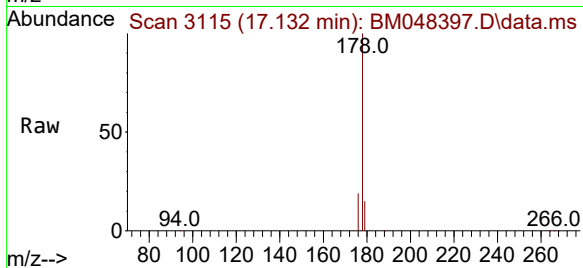
Tgt Ion:178 Resp: 389354

Ion Ratio Lower Upper

178 100

179 15.4 13.9 20.9

176 18.9 16.0 24.0



#16

Anthracene

Concen: 2.446 ng/ul

RT: 17.229 min Scan# 3138

Delta R.T. -0.031 min

Lab File: BM048397.D

Acq: 01 Nov 2024 16:13

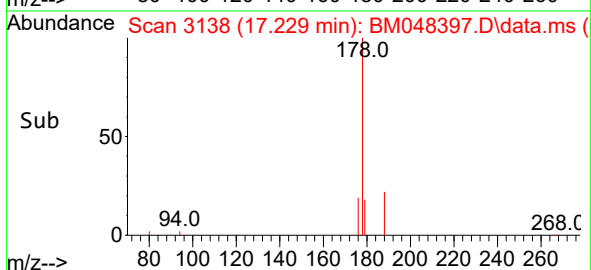
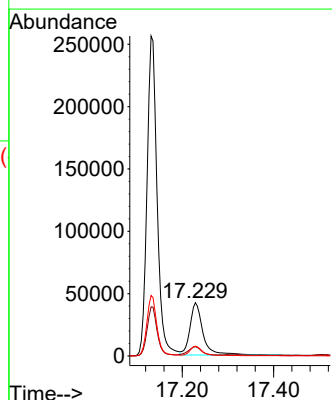
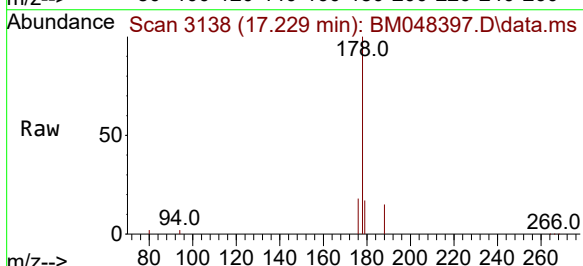
Tgt Ion:178 Resp: 83546

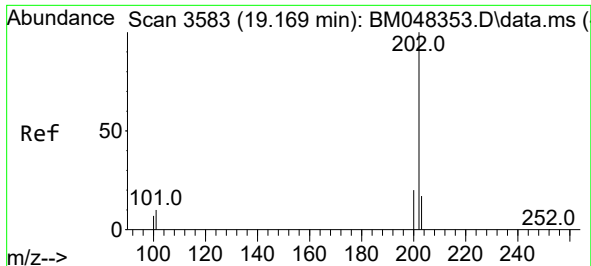
Ion Ratio Lower Upper

178 100

179 17.5 14.2 21.2

176 18.4 15.8 23.6

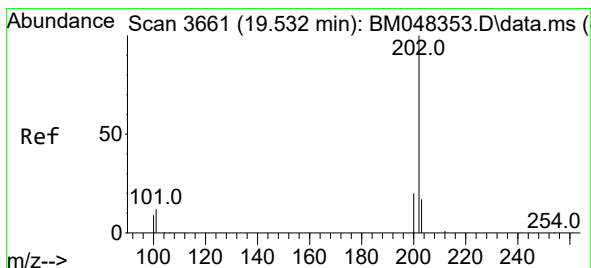
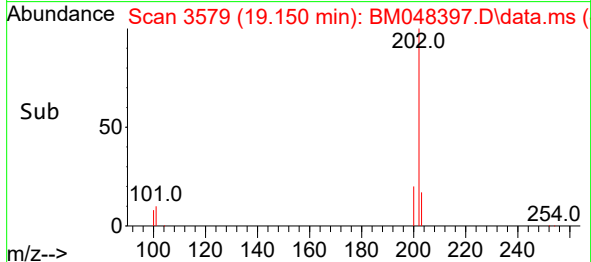
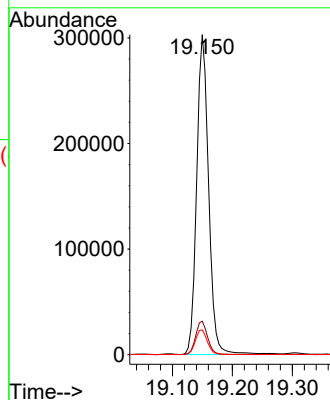
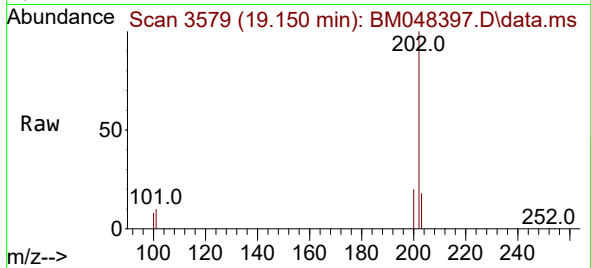




#19
Fluoranthene
Concen: 9.661 ng/ul
RT: 19.150 min Scan# 31
Delta R.T. -0.020 min
Lab File: BM048397.D
Acq: 01 Nov 2024 16:13

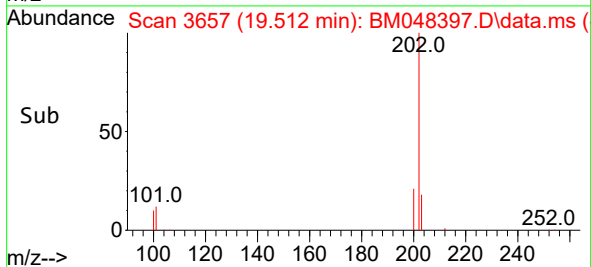
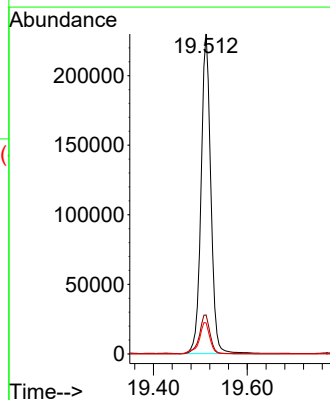
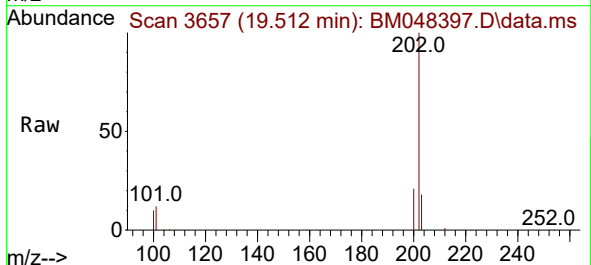
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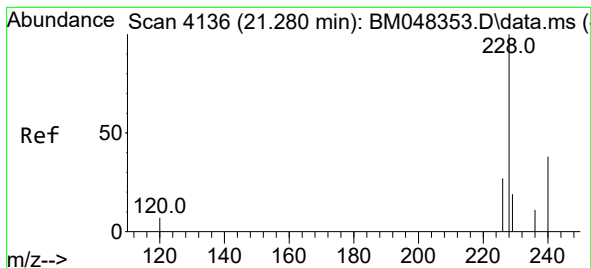
Tgt Ion:202 Resp: 418633
Ion Ratio Lower Upper
202 100
101 10.4 9.0 13.4
100 7.7 6.6 10.0



#20
Pyrene
Concen: 7.099 ng/ul
RT: 19.512 min Scan# 3657
Delta R.T. -0.020 min
Lab File: BM048397.D
Acq: 01 Nov 2024 16:13

Tgt Ion:202 Resp: 330088
Ion Ratio Lower Upper
202 100
101 12.2 10.0 15.0
100 9.7 8.0 12.0





#21

Benzo(a)anthracene

Concen: 2.791 ng/ul

RT: 21.257 min Scan# 41

Delta R.T. -0.023 min

Lab File: BM048397.D

Acq: 01 Nov 2024 16:13

Instrument :

BNA_M

ClientSampleId :

F7H04DL

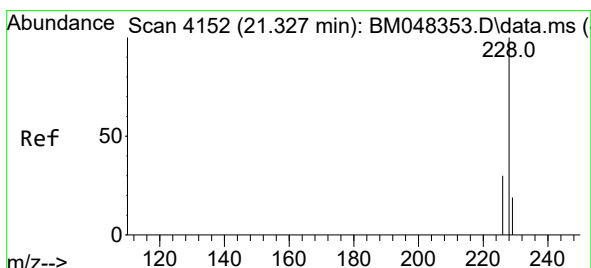
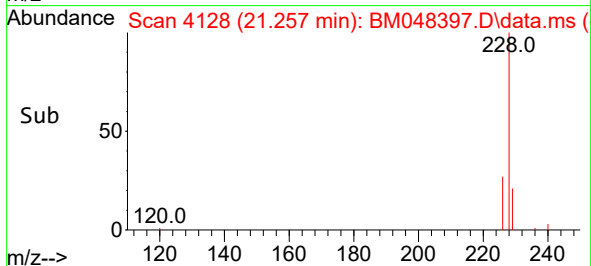
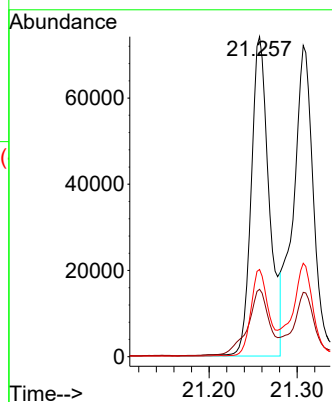
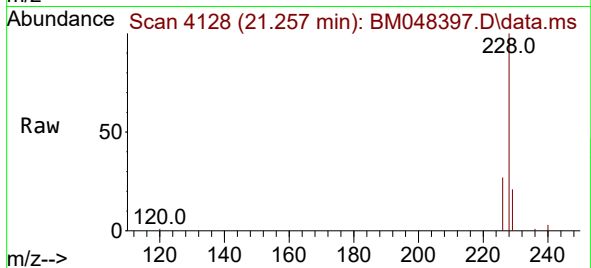
Tgt Ion:228 Resp: 105066

Ion Ratio Lower Upper

228 100

229 21.0 15.9 23.9

226 27.2 22.1 33.1



#22

Chrysene

Concen: 2.146 ng/ul

RT: 21.307 min Scan# 4145

Delta R.T. -0.020 min

Lab File: BM048397.D

Acq: 01 Nov 2024 16:13

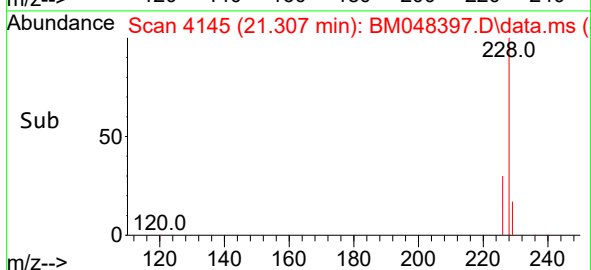
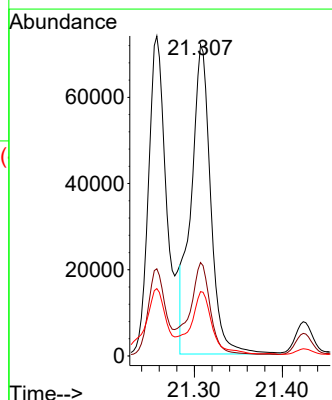
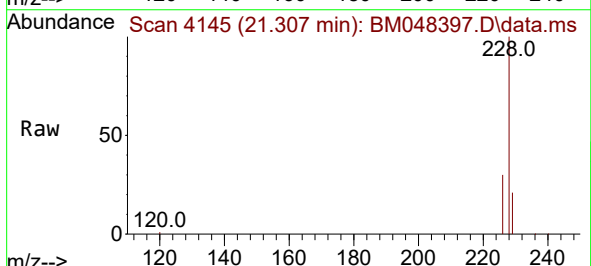
Tgt Ion:228 Resp: 111184

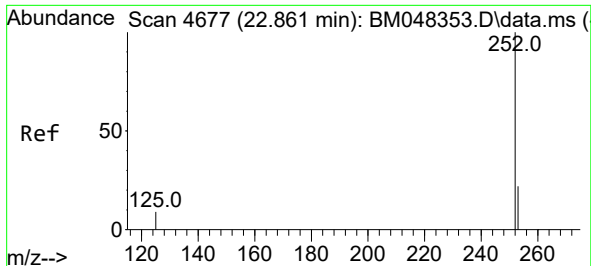
Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 20.7 15.9 23.9

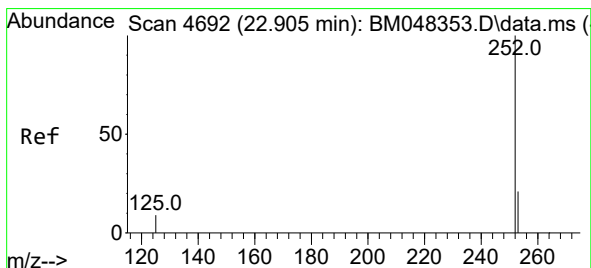
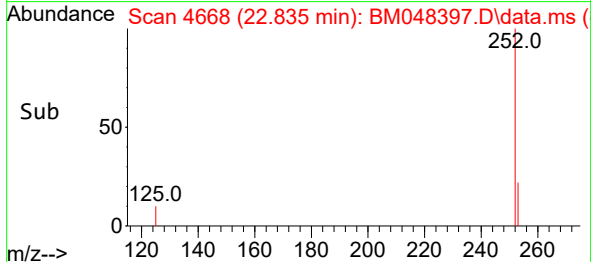
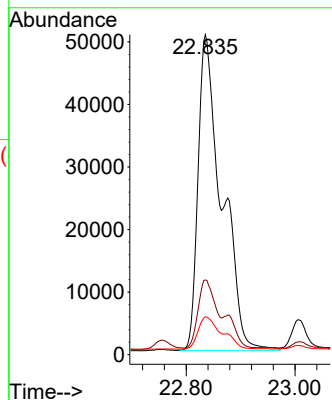
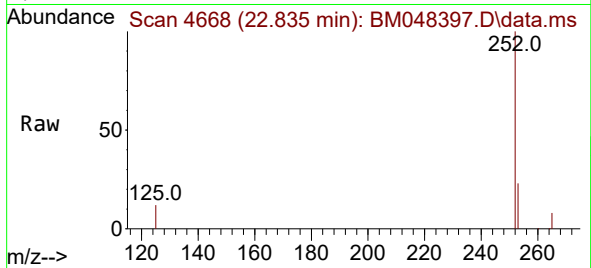




#24
Benzo(b)fluoranthene
Concen: 3.306 ng/ul
RT: 22.835 min Scan# 4668
Delta R.T. -0.026 min
Lab File: BM048397.D
Acq: 01 Nov 2024 16:13

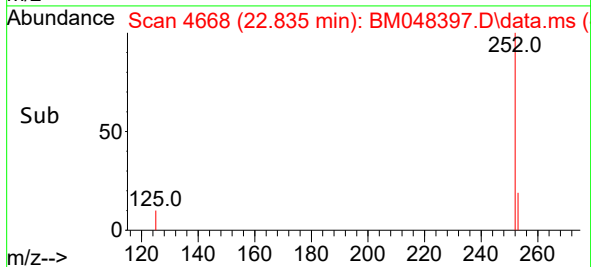
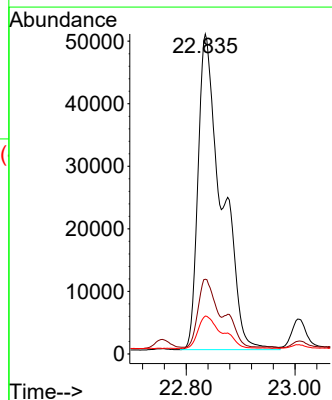
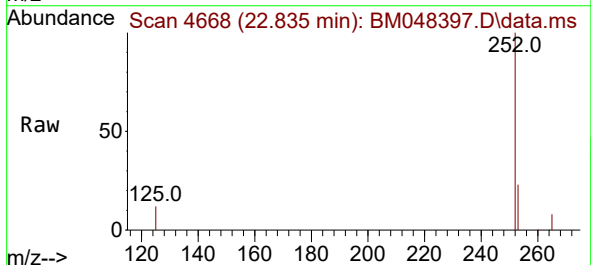
Instrument :
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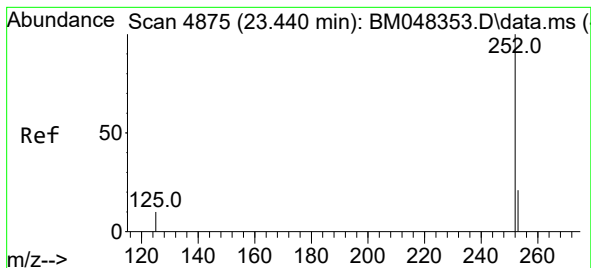
Tgt Ion:252 Resp: 153149
Ion Ratio Lower Upper
252 100
253 23.4 0.0 59.4
125 11.8 0.0 38.0



#25
Benzo(k)fluoranthene
Concen: 2.793 ng/ul
RT: 22.835 min Scan# 4668
Delta R.T. -0.070 min
Lab File: BM048397.D
Acq: 01 Nov 2024 16:13

Tgt Ion:252 Resp: 153149
Ion Ratio Lower Upper
252 100
253 23.4 23.4 35.0
125 11.8 15.3 22.9#





#26

Benzo(a)pyrene

Concen: 0.314 ng/ul

RT: 23.560 min Scan# 4916

Delta R.T. 0.120 min

Lab File: BM048397.D

Acq: 01 Nov 2024 16:13

Instrument :

BNM_M

ClientSampleId :

F7H04DL

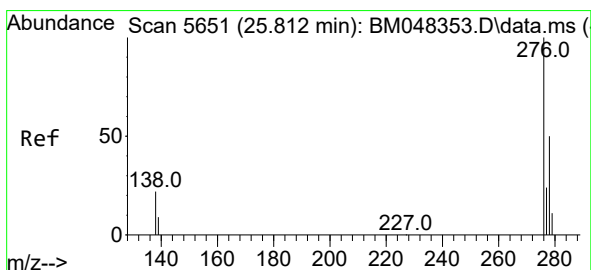
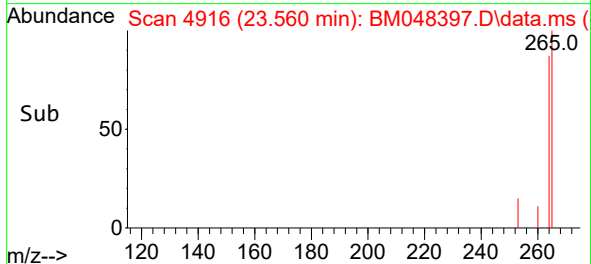
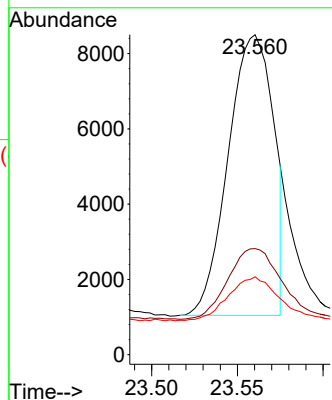
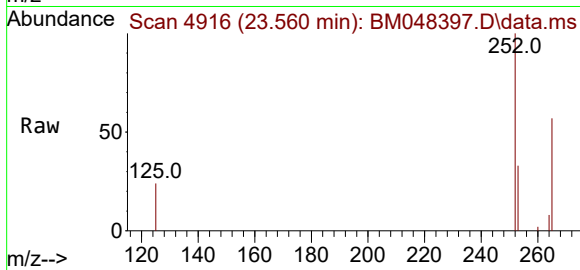
Tgt Ion:252 Resp: 13662

Ion Ratio Lower Upper

252 100

253 33.1 27.7 41.5

125 24.3 21.1 31.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.586 ng/ul

RT: 25.779 min Scan# 5641

Delta R.T. -0.033 min

Lab File: BM048397.D

Acq: 01 Nov 2024 16:13

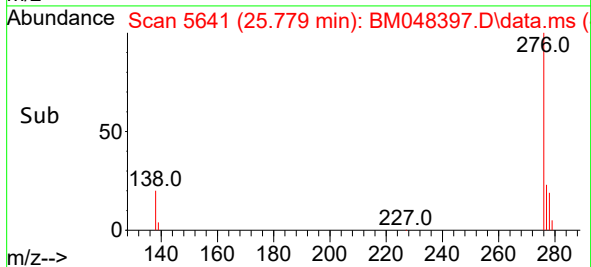
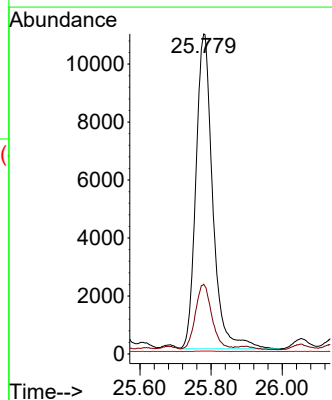
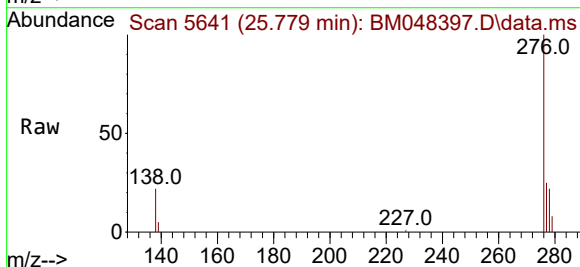
Tgt Ion:276 Resp: 35617

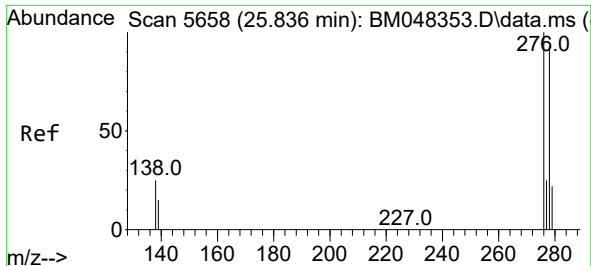
Ion Ratio Lower Upper

276 100

138 19.9 19.6 29.4

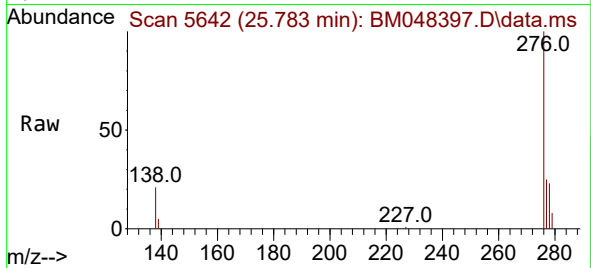
227 0.1 0.1 0.1#



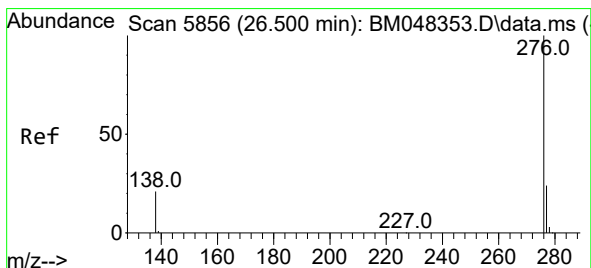
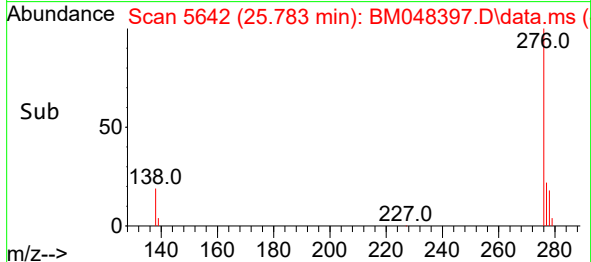
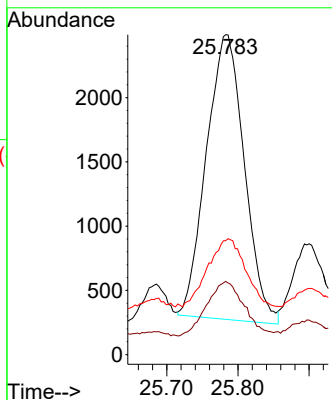


#28
Dibenzo(a,h)anthracene
Concen: 0.173 ng/ul
RT: 25.783 min Scan# 5642
Delta R.T. -0.053 min
Lab File: BM048397.D
Acq: 01 Nov 2024 16:13

Instrument :
BNA_M
ClientSampleId :
F7H04DL



Tgt Ion:278 Resp: 8215
Ion Ratio Lower Upper
278 100
139 22.9 15.6 23.4
279 35.6 26.4 39.6



#29
Benzo(g,h,i)perylene
Concen: 0.663 ng/ul
RT: 26.474 min Scan# 5848
Delta R.T. -0.026 min
Lab File: BM048397.D
Acq: 01 Nov 2024 16:13

Tgt Ion:276 Resp: 33996
Ion Ratio Lower Upper
276 100
138 22.4 19.0 28.6
277 24.7 20.6 31.0

