

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046130.D
 Acq On : 20 Jun 2024 19:24
 Operator : MA/JU
 Sample : P2710-21
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B87

Quant Time: Jun 21 02:48:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

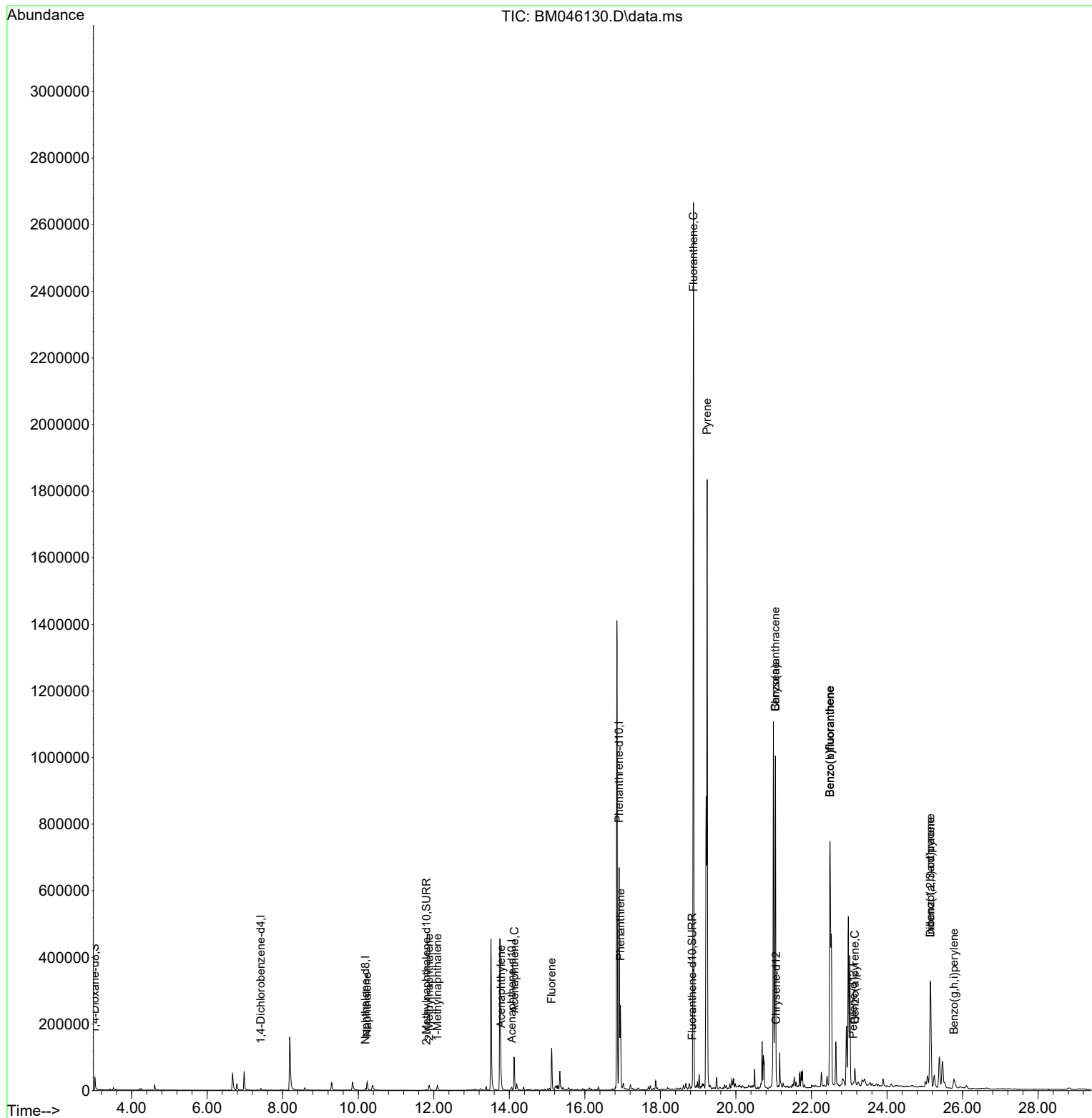
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.422	152	2535	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.187	136	7274	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.066	164	4239	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.908	188	722780	0.400	ng/ul	# 0.05
17) Chrysene-d12	21.064	240	521	0.400	ng/ul	# 0.02
23) Perylene-d12	23.104	264	10145	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	20758	5.968	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.804	152	4481	0.459	ng/ul	-0.06
18) Fluoranthene-d10	18.843	212	10914	6.994	ng/ul	-0.04
Target Compounds						
						Qvalue
5) Naphthalene	10.237	128	38765	1.911	ng/ul#	93
7) 2-Methylnaphthalene	11.876	142	14582	1.277	ng/ul	98
8) 1-Methylnaphthalene	12.096	142	13274	1.060	ng/ul	98
10) Acenaphthylene	13.784	152	44009	2.189	ng/ul	97
11) Acenaphthene	14.131	153	61347	4.226	ng/ul	97
12) Fluorene	15.121	166	83819	5.382	ng/ul	99
15) Phenanthrene	16.942	178	253627	0.125	ng/ul	97
19) Fluoranthene	18.875	202	2159803	957.428	ng/ul	97
20) Pyrene	19.238	202	1436591	588.866	ng/ul	97
21) Benzo(a)anthracene	21.044	228	899572	447.007	ng/ul	97
22) Chrysene	21.044	228	901955	351.195	ng/ul	99
24) Benzo(b)fluoranthene	22.490	252	1611348	44.086	ng/ul	82
25) Benzo(k)fluoranthene	22.490	252	1611348	37.082	ng/ul#	80
26) Benzo(a)pyrene	23.148	252	36759	1.085	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.152	276	412678	7.445	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.152	278	144117	3.492	ng/ul	92
29) Benzo(g,h,i)perylene	25.773	276	56990	1.199	ng/ul	97

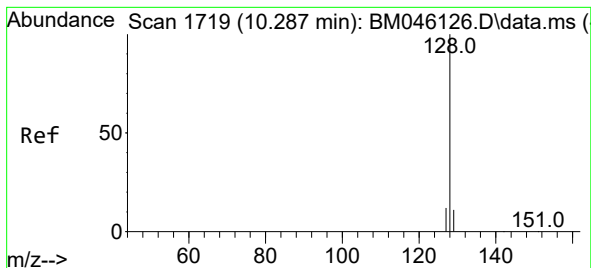
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046130.D
Acq On : 20 Jun 2024 19:24
Operator : MA/JU
Sample : P2710-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B87

Quant Time: Jun 21 02:48:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 1.911 ng/ul

RT: 10.237 min Scan# 1

Delta R.T. -0.066 min

Lab File: BM046130.D

Acq: 20 Jun 2024 19:24

Instrument :

BNA_M

ClientSampleId :

A4B87

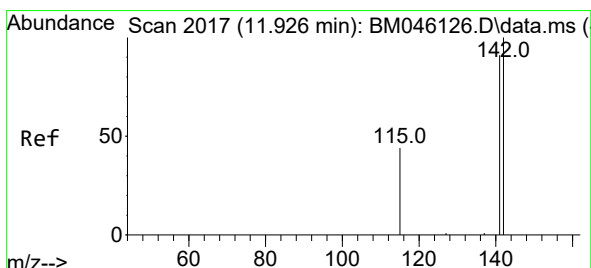
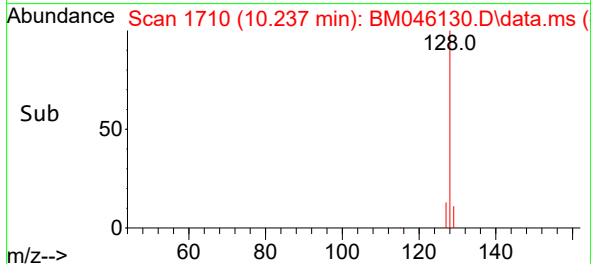
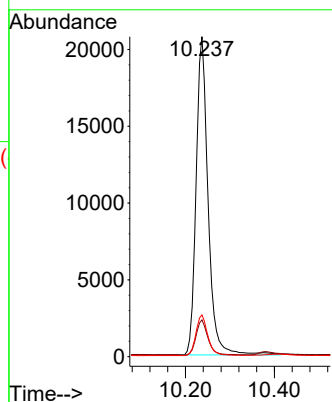
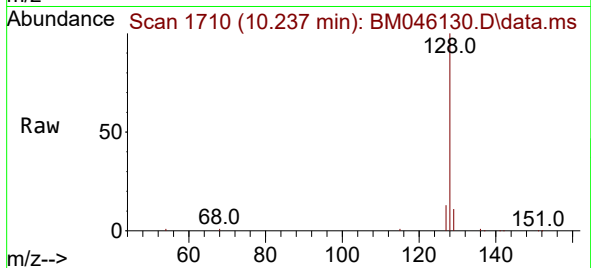
Tgt Ion:128 Resp: 38765

Ion Ratio Lower Upper

128 100

129 11.5 11.8 17.6#

127 13.1 12.8 19.2



#7

2-Methylnaphthalene

Concen: 1.277 ng/ul

RT: 11.876 min Scan# 2008

Delta R.T. -0.071 min

Lab File: BM046130.D

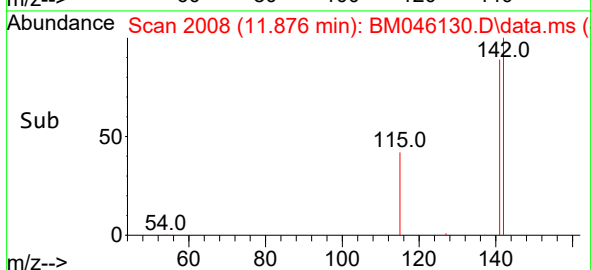
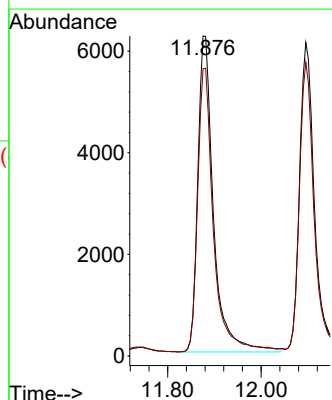
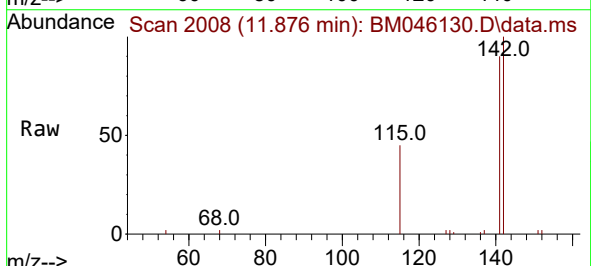
Acq: 20 Jun 2024 19:24

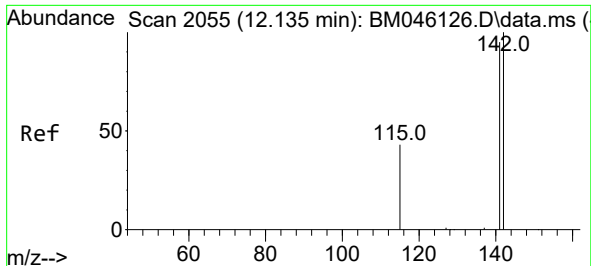
Tgt Ion:142 Resp: 14582

Ion Ratio Lower Upper

142 100

141 91.0 74.6 111.8

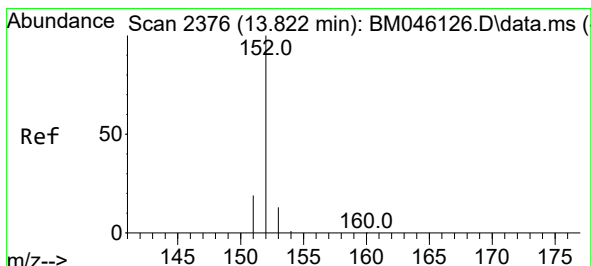
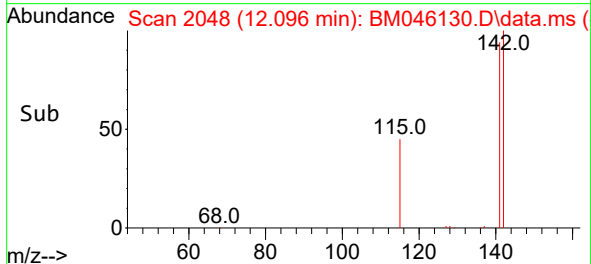
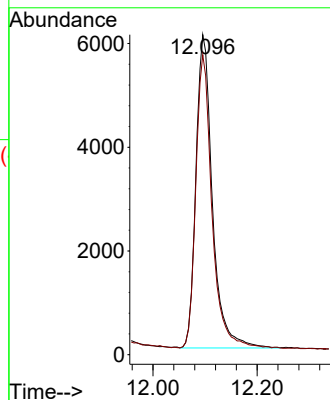
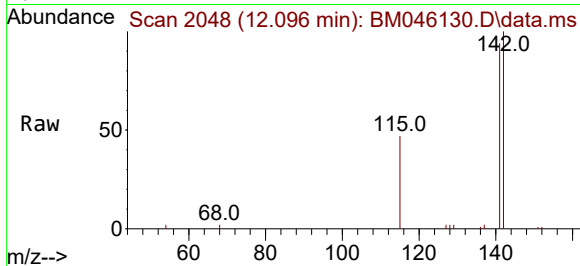




#8
1-Methylnaphthalene
Concen: 1.060 ng/ul
RT: 12.096 min Scan# 2055
Delta R.T. -0.055 min
Lab File: BM046130.D
Acq: 20 Jun 2024 19:24

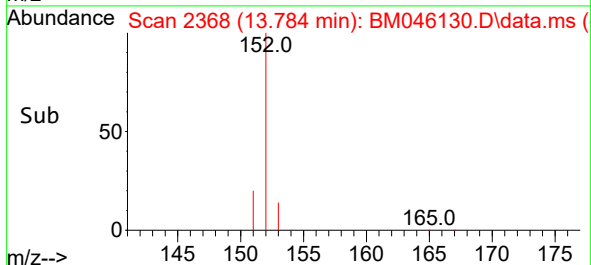
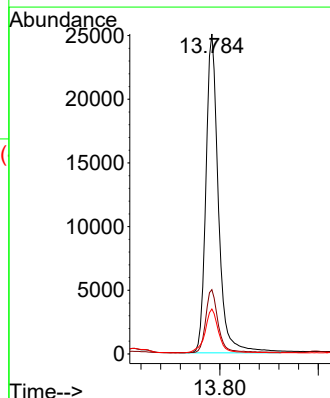
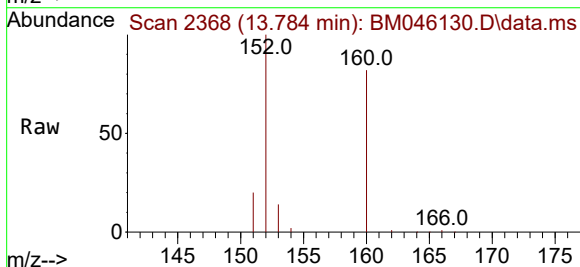
Instrument :
BNA_M
ClientSampleId :
A4B87

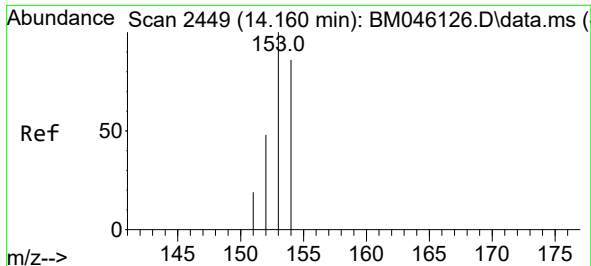
Tgt Ion:142 Resp: 13274
Ion Ratio Lower Upper
142 100
141 92.3 75.2 112.8



#10
Acenaphthylene
Concen: 2.189 ng/ul
RT: 13.784 min Scan# 2368
Delta R.T. -0.051 min
Lab File: BM046130.D
Acq: 20 Jun 2024 19:24

Tgt Ion:152 Resp: 44009
Ion Ratio Lower Upper
152 100
151 20.1 17.4 26.2
153 14.1 11.8 17.8

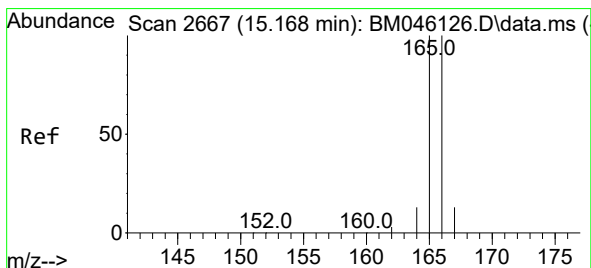
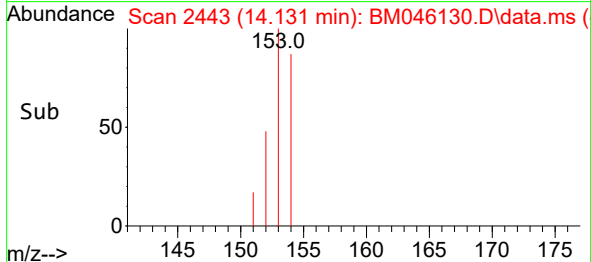
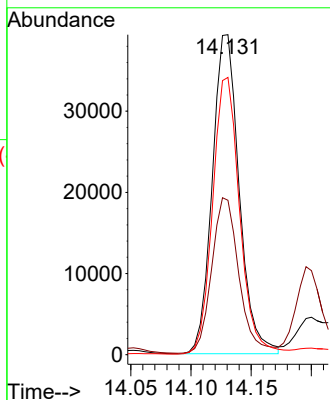
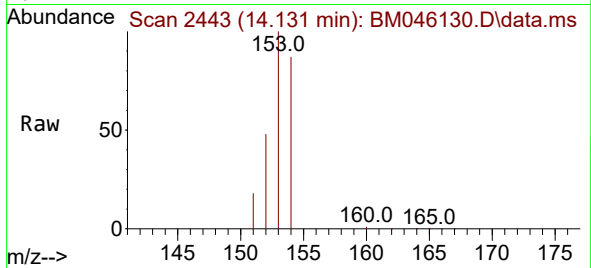




#11
Acenaphthene
Concen: 4.226 ng/ul
RT: 14.131 min Scan# 2443
Delta R.T. -0.042 min
Lab File: BM046130.D
Acq: 20 Jun 2024 19:24

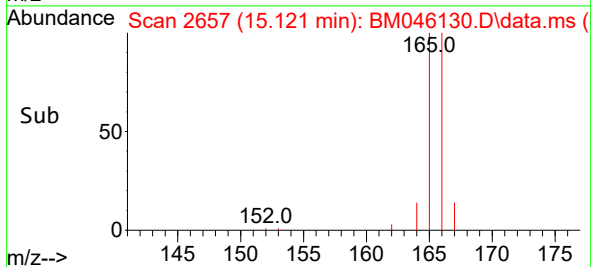
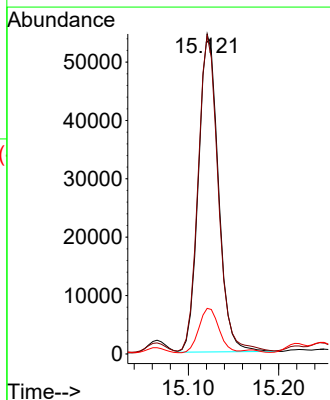
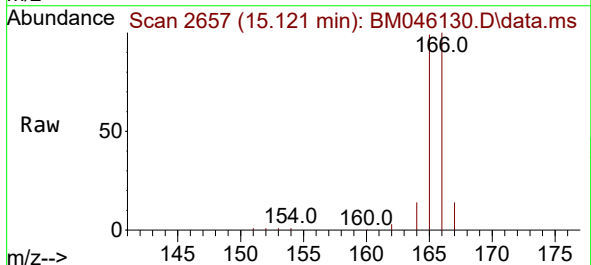
Instrument :
BNA_M
ClientSampleId :
A4B87

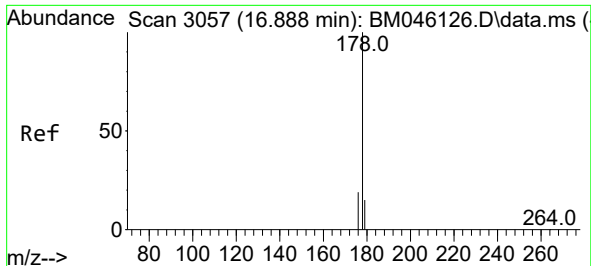
Tgt Ion:153 Resp: 61347
Ion Ratio Lower Upper
153 100
152 48.3 41.3 61.9
154 86.6 68.2 102.4



#12
Fluorene
Concen: 5.382 ng/ul
RT: 15.121 min Scan# 2657
Delta R.T. -0.060 min
Lab File: BM046130.D
Acq: 20 Jun 2024 19:24

Tgt Ion:166 Resp: 83819
Ion Ratio Lower Upper
166 100
165 99.5 80.4 120.6
167 14.3 12.4 18.6

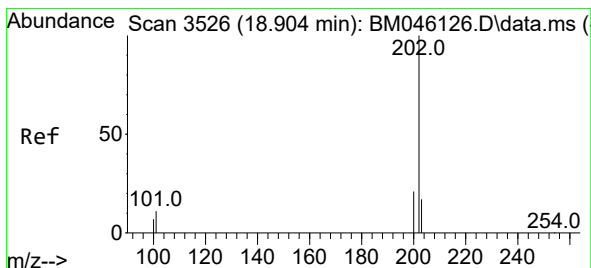
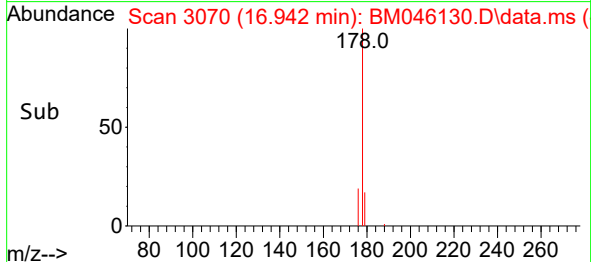
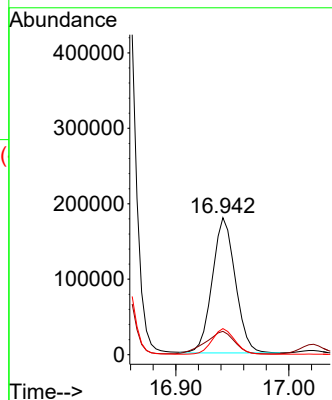
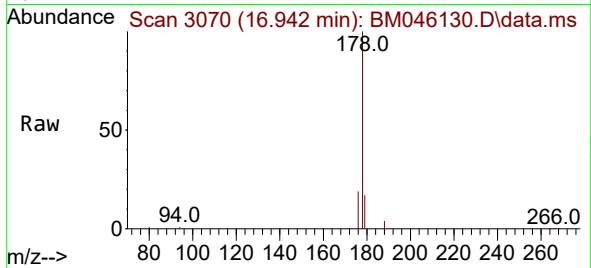




#15
Phenanthrene
Concen: 0.125 ng/ul
RT: 16.942 min Scan# 3057
Delta R.T. 0.038 min
Lab File: BM046130.D
Acq: 20 Jun 2024 19:24

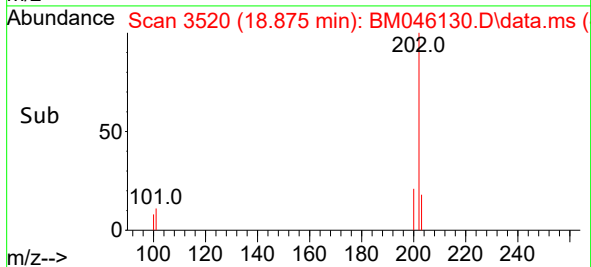
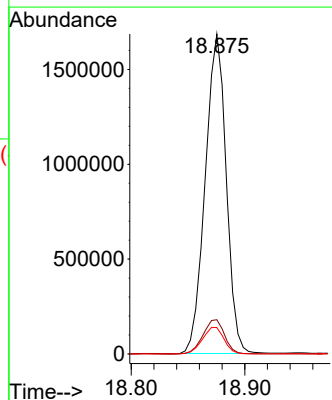
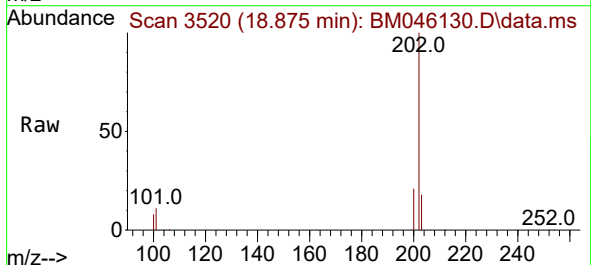
Instrument :
BNA_M
ClientSampleId :
A4B87

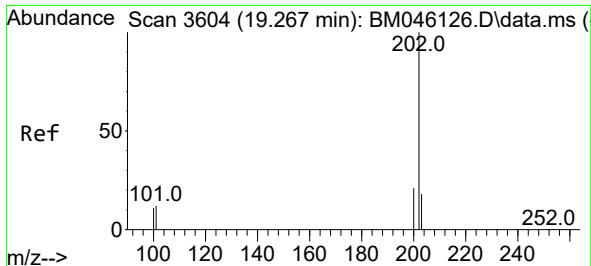
Tgt Ion:178 Resp: 253627
Ion Ratio Lower Upper
178 100
179 17.0 14.2 21.2
176 19.1 17.1 25.7



#19
Fluoranthene
Concen: 957.428 ng/ul
RT: 18.875 min Scan# 3520
Delta R.T. -0.042 min
Lab File: BM046130.D
Acq: 20 Jun 2024 19:24

Tgt Ion:202 Resp: 2159803
Ion Ratio Lower Upper
202 100
101 10.7 9.6 14.4
100 8.2 7.6 11.4

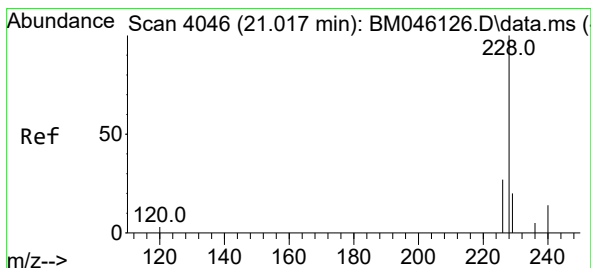
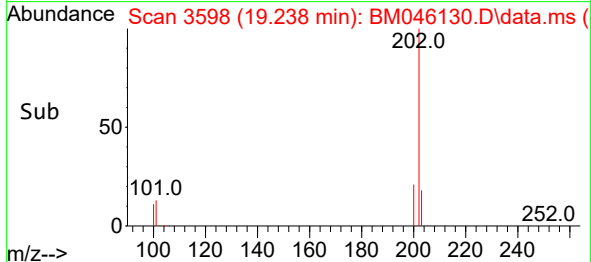
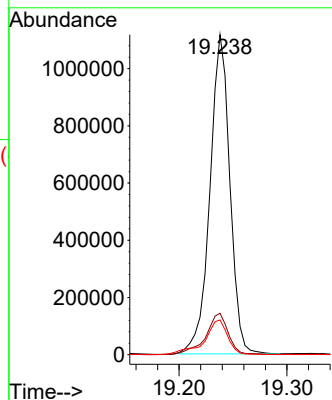
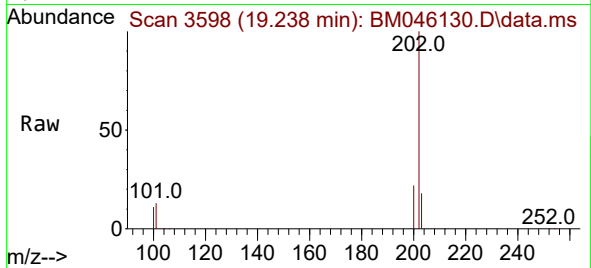




#20
Pyrene
Concen: 588.866 ng/ul
RT: 19.238 min Scan# 31
Delta R.T. -0.037 min
Lab File: BM046130.D
Acq: 20 Jun 2024 19:24

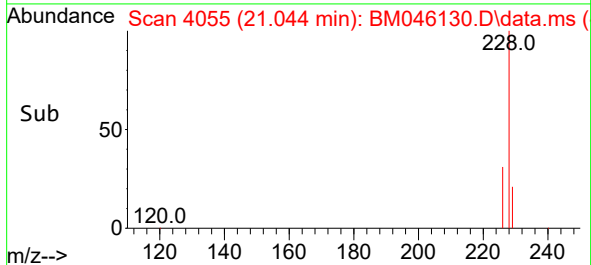
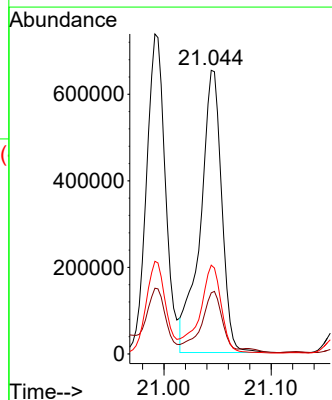
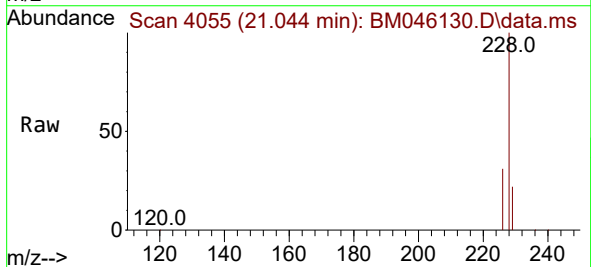
Instrument :
BNA_M
ClientSampleId :
A4B87

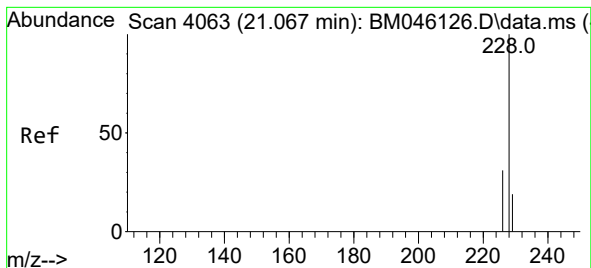
Tgt Ion:202 Resp: 1436591
Ion Ratio Lower Upper
202 100
101 13.0 11.3 16.9
100 10.9 9.8 14.6



#21
Benzo(a)anthracene
Concen: 447.007 ng/ul
RT: 21.044 min Scan# 4055
Delta R.T. 0.015 min
Lab File: BM046130.D
Acq: 20 Jun 2024 19:24

Tgt Ion:228 Resp: 899572
Ion Ratio Lower Upper
228 100
229 21.5 16.4 24.6
226 31.3 23.4 35.2





#22

Chrysene

Concen: 351.195 ng/ul

RT: 21.044 min Scan# 4063

Delta R.T. -0.032 min

Lab File: BM046130.D

Acq: 20 Jun 2024 19:24

Instrument :

BNA_M

ClientSampleId :

A4B87

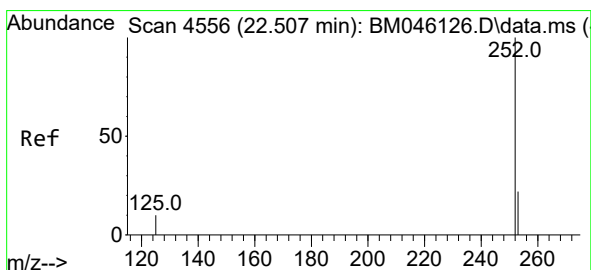
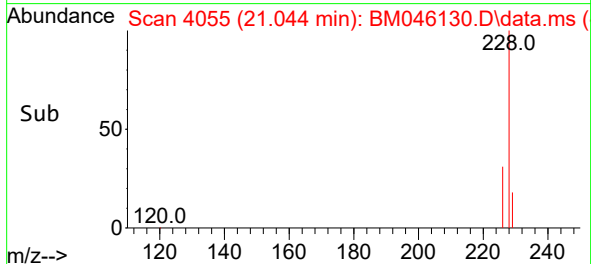
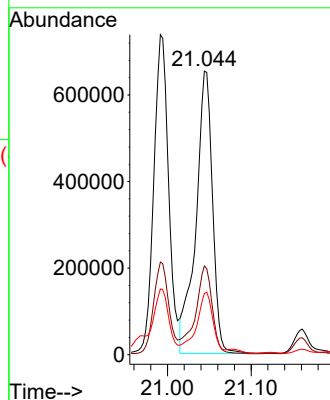
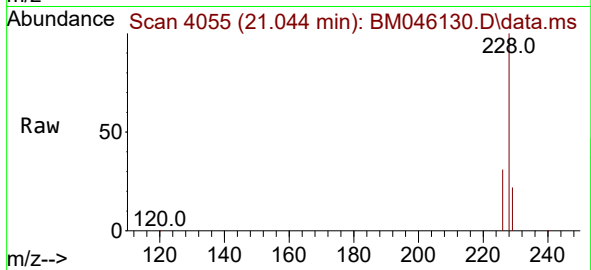
Tgt Ion:228 Resp: 901955

Ion Ratio Lower Upper

228 100

226 31.3 25.2 37.8

229 21.5 16.3 24.5



#24

Benzo(b)fluoranthene

Concen: 44.086 ng/ul

RT: 22.490 min Scan# 4550

Delta R.T. -0.029 min

Lab File: BM046130.D

Acq: 20 Jun 2024 19:24

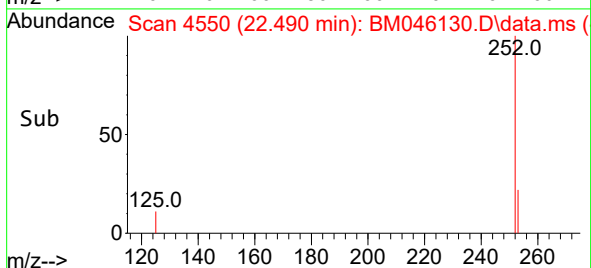
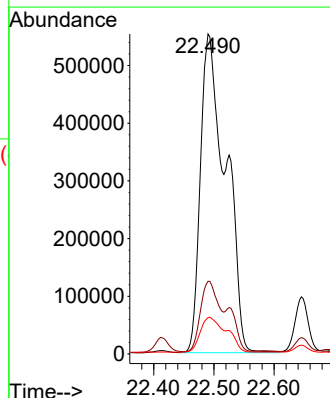
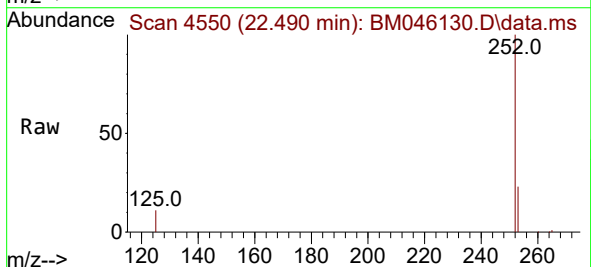
Tgt Ion:252 Resp: 1611348

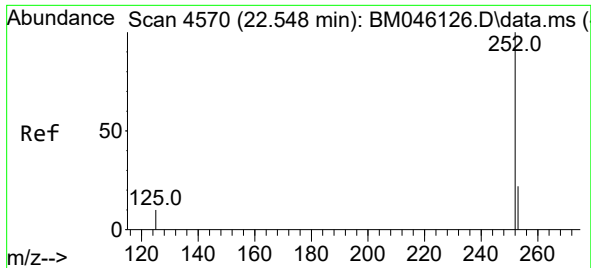
Ion Ratio Lower Upper

252 100

253 22.7 0.0 65.8

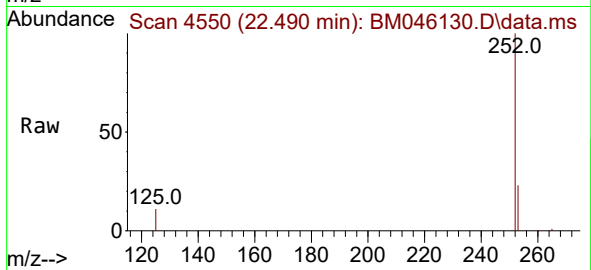
125 11.4 0.0 40.2



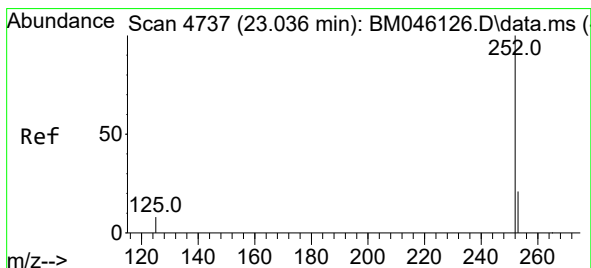
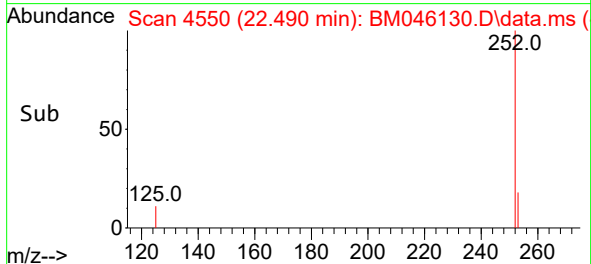
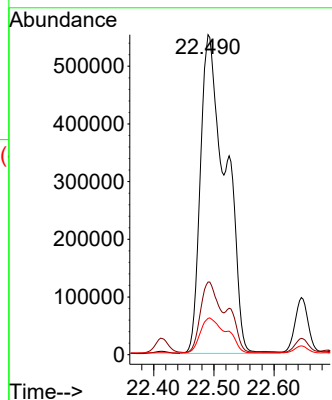


#25
Benzo(k)fluoranthene
Concen: 37.082 ng/ul
RT: 22.490 min Scan# 41
Delta R.T. -0.073 min
Lab File: BM046130.D
Acq: 20 Jun 2024 19:24

Instrument :
BNA_M
ClientSampleId :
A4B87

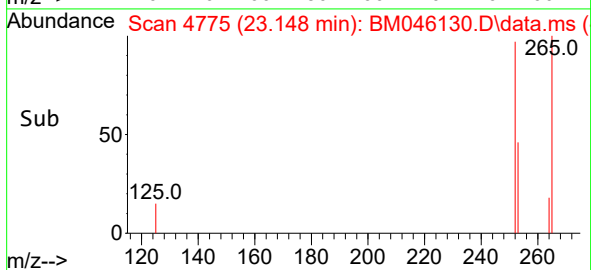
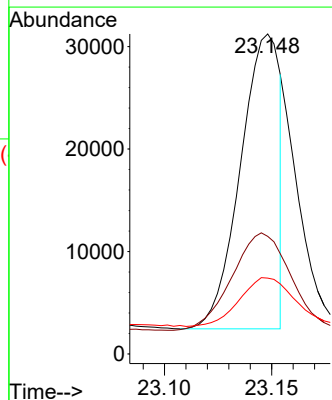
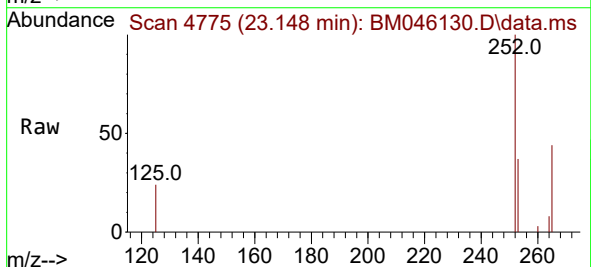


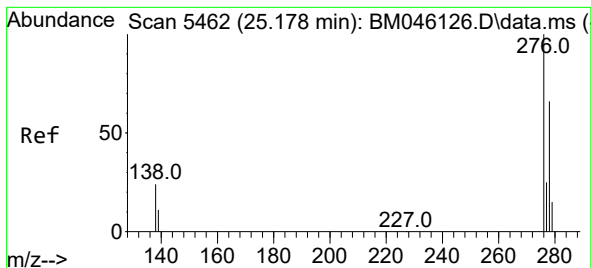
Tgt Ion:252 Resp: 1611348
Ion Ratio Lower Upper
252 100
253 22.7 27.2 40.8#
125 11.4 16.6 25.0#



#26
Benzo(a)pyrene
Concen: 1.085 ng/ul
RT: 23.148 min Scan# 4775
Delta R.T. 0.094 min
Lab File: BM046130.D
Acq: 20 Jun 2024 19:24

Tgt Ion:252 Resp: 36759
Ion Ratio Lower Upper
252 100
253 36.8 32.1 48.1
125 23.7 21.2 31.8





#27

Indeno(1,2,3-cd)pyrene

Concen: 7.445 ng/ul

RT: 25.152 min Scan# 54

Delta R.T. -0.050 min

Lab File: BM046130.D

Acq: 20 Jun 2024 19:24

Instrument :

BNA_M

ClientSampleId :

A4B87

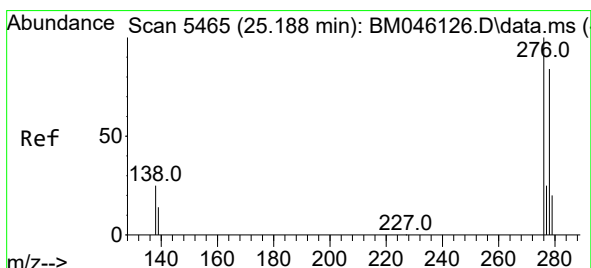
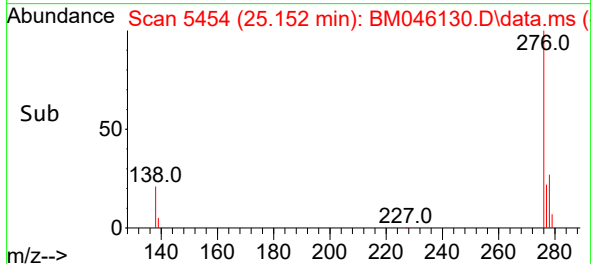
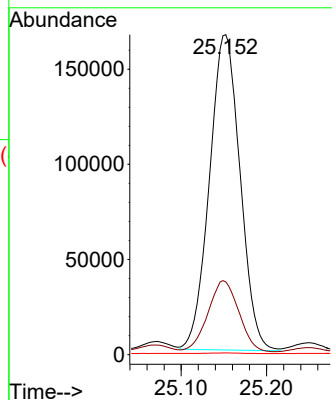
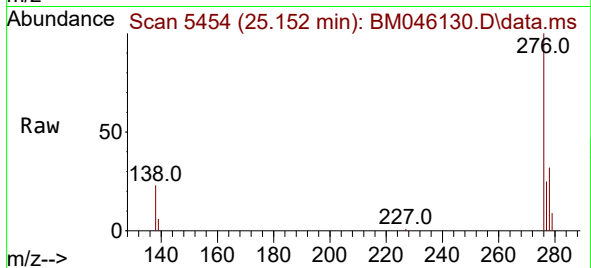
Tgt Ion:276 Resp: 412678

Ion Ratio Lower Upper

276 100

138 22.6 21.0 31.4

227 0.2 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 3.492 ng/ul

RT: 25.152 min Scan# 5454

Delta R.T. -0.064 min

Lab File: BM046130.D

Acq: 20 Jun 2024 19:24

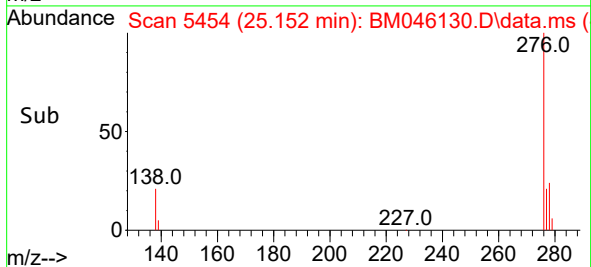
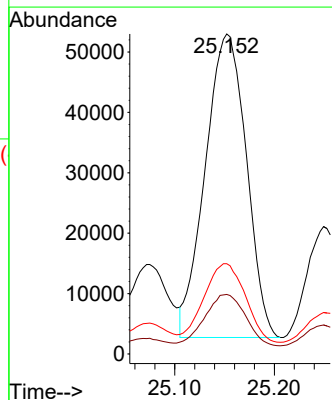
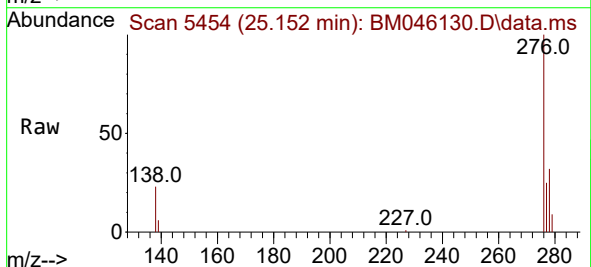
Tgt Ion:278 Resp: 144117

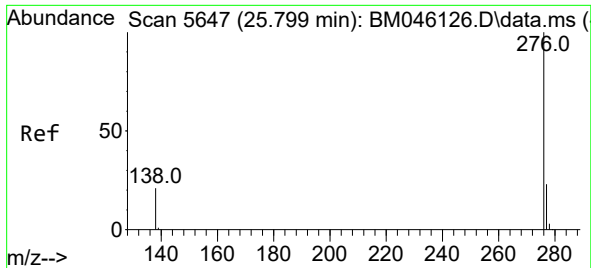
Ion Ratio Lower Upper

278 100

139 18.6 17.6 26.4

279 28.2 26.3 39.5





#29
 Benzo(g,h,i)perylene
 Concen: 1.199 ng/ul
 RT: 25.773 min Scan# 50
 Delta R.T. -0.057 min
 Lab File: BM046130.D
 Acq: 20 Jun 2024 19:24

Instrument :
 BNA_M
 ClientSampleId :
 A4B87

Tgt Ion:	276	Resp:	56990
Ion	Ratio	Lower	Upper
276	100		
138	26.4	21.7	32.5
277	28.1	20.4	30.6

