

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044137.D
 Acq On : 16 Feb 2024 13:57
 Operator : MA/JU
 Sample : P1329-11DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FM2DL

Quant Time: Feb 16 22:39:14 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)

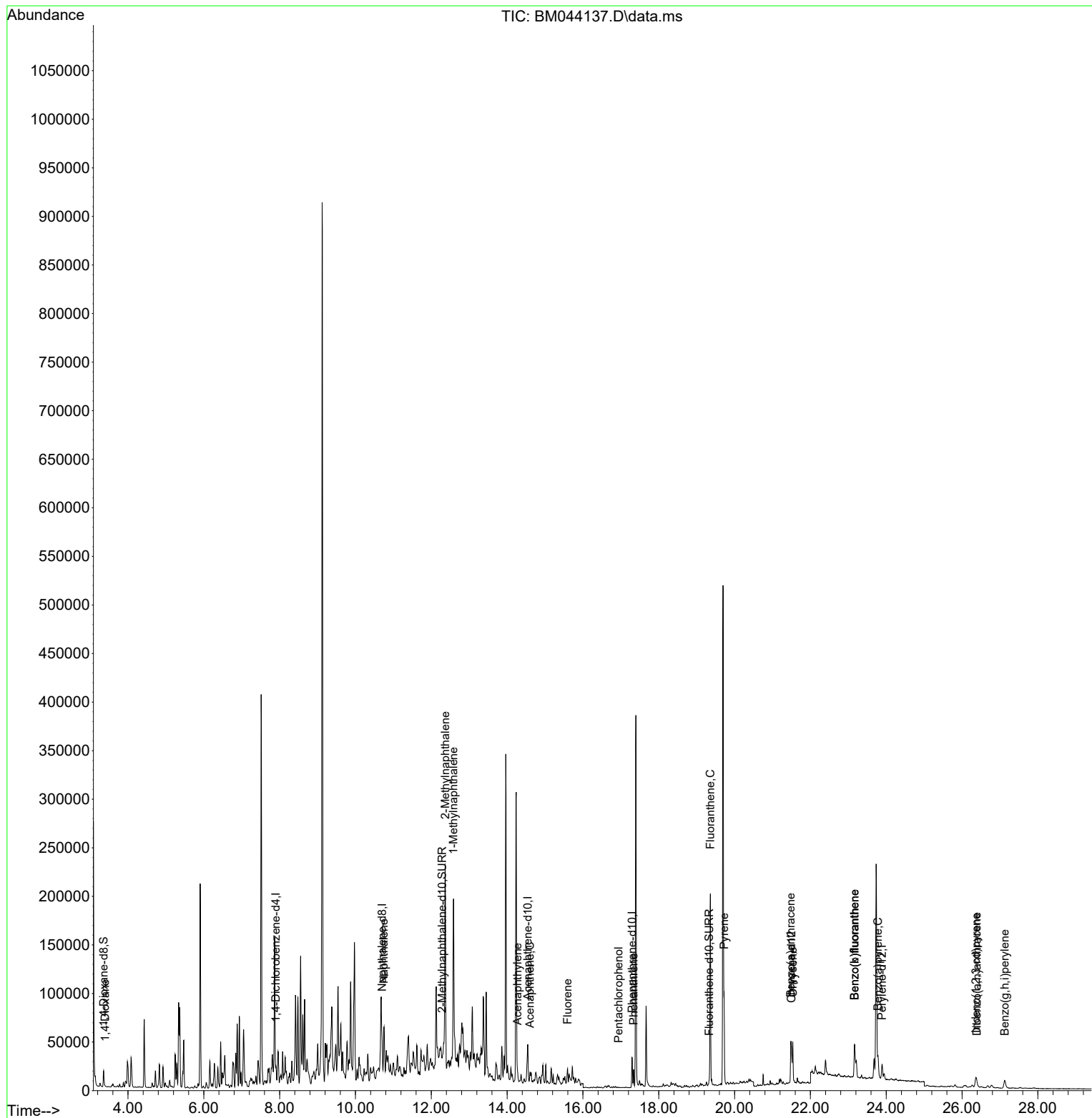
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	9163	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	31321	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.544	164	18201	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	35718	0.400	ng/ul #	0.00
17) Chrysene-d12	21.499	240	22835	0.400	ng/ul #	0.00
23) Perylene-d12	23.890	264	24619	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	11527	0.888	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	4816	0.110	ng/ul	-0.01
18) Fluoranthene-d10	19.327	212	5554	0.082	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.394	88	293	0.023	ng/ul#	64
5) Naphthalene	10.748	128	60266	0.647	ng/ul#	89
7) 2-Methylnaphthalene	12.365	142	147358	2.566	ng/ul	97
8) 1-Methylnaphthalene	12.585	142	118354	2.037	ng/ul	96
10) Acenaphthylene	14.271	152	7212	0.072	ng/ul#	1
11) Acenaphthene	14.604	153	7654	0.106	ng/ul#	87
12) Fluorene	15.594	166	8051	0.098	ng/ul#	80
14) Pentachlorophenol	16.943	266	469	0.037	ng/ul	91
15) Phenanthrene	17.335	178	20017	0.177	ng/ul#	95
19) Fluoranthene	19.360	202	164778	1.583	ng/ul	97
20) Pyrene	19.722	202	72334	0.661	ng/ul#	94
21) Benzo(a)anthracene	21.481	228	35109	0.336	ng/ul#	92
22) Chrysene	21.534	228	48172	0.427	ng/ul#	94
24) Benzo(b)fluoranthene	23.162	252	55161	0.543	ng/ul#	67
25) Benzo(k)fluoranthene	23.162	252	77179	0.700	ng/ul#	67
26) Benzo(a)pyrene	23.782	252	30169	0.319	ng/ul#	65
27) Indeno(1,2,3-cd)pyrene	26.362	276	18976	0.158	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.389	278	5018	0.053	ng/ul#	1
29) Benzo(g,h,i)perylene	27.124	276	17786	0.167	ng/ul#	85

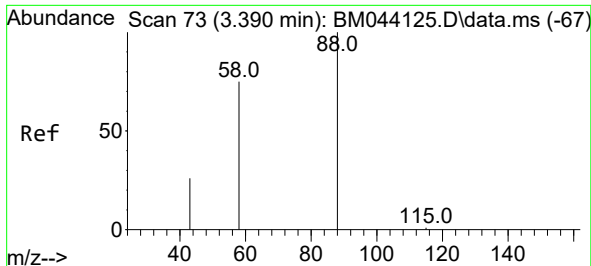
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044137.D
Acq On : 16 Feb 2024 13:57
Operator : MA/JU
Sample : P1329-11DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FM2DL

Quant Time: Feb 16 22:39:14 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

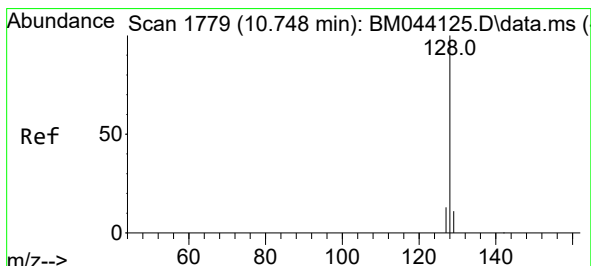
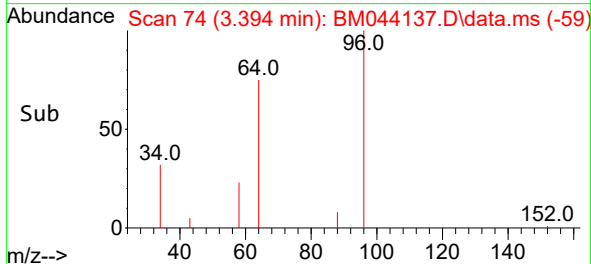
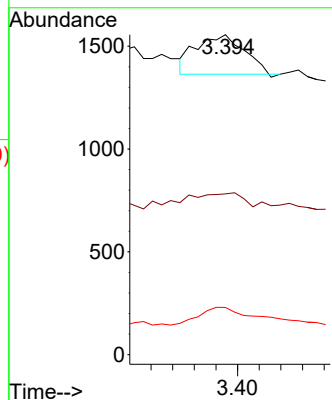
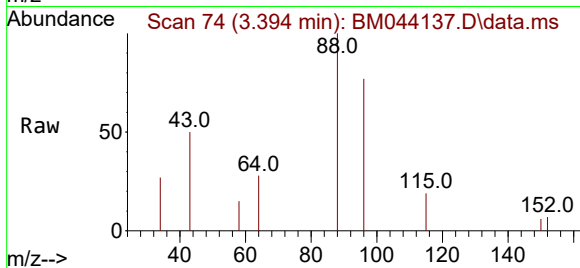




#2
1,4-Dioxane
Concen: 0.023 ng/ul
RT: 3.394 min Scan# 74
Delta R.T. 0.004 min
Lab File: BM044137.D
Acq: 16 Feb 2024 13:57

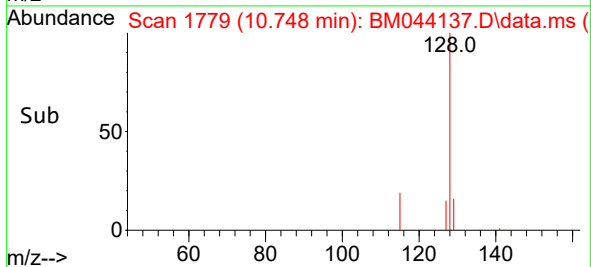
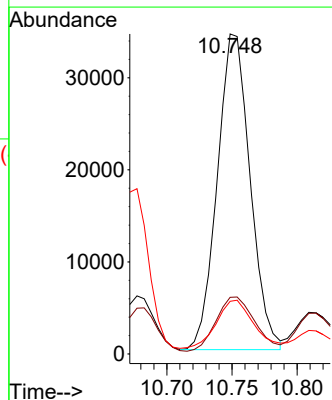
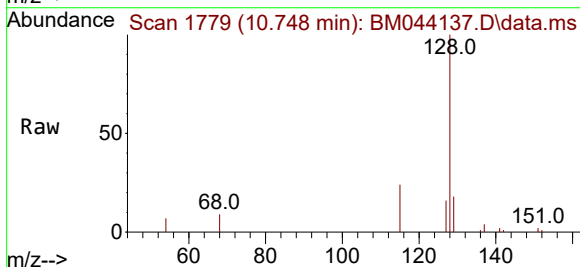
Instrument :
BNA_M
ClientSampleId :
C0FM2DL

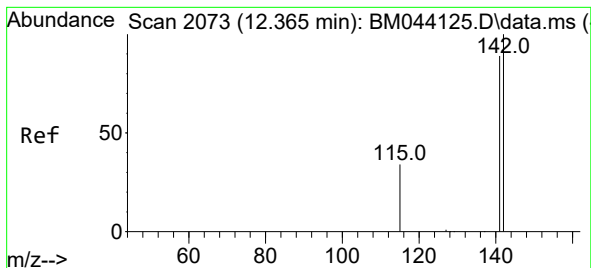
Tgt Ion: 88 Resp: 293
Ion Ratio Lower Upper
88 100
43 50.3 32.2 48.2#
58 14.7 40.6 60.8#



#5
Naphthalene
Concen: 0.647 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BM044137.D
Acq: 16 Feb 2024 13:57

Tgt Ion: 128 Resp: 60266
Ion Ratio Lower Upper
128 100
129 17.7 9.5 14.3#
127 16.5 10.7 16.1#

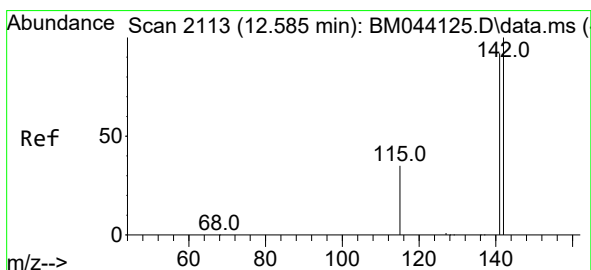
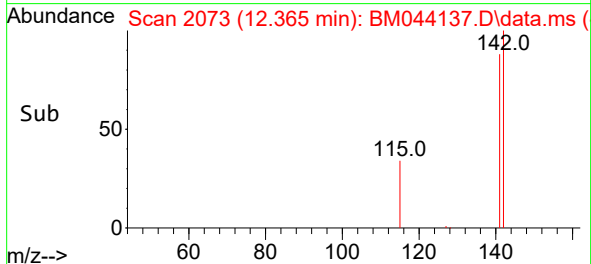
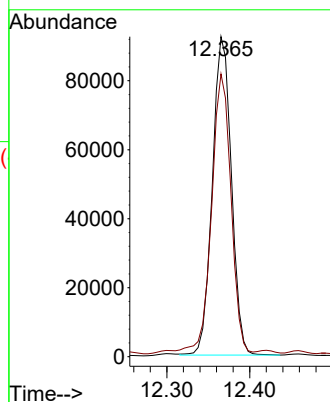
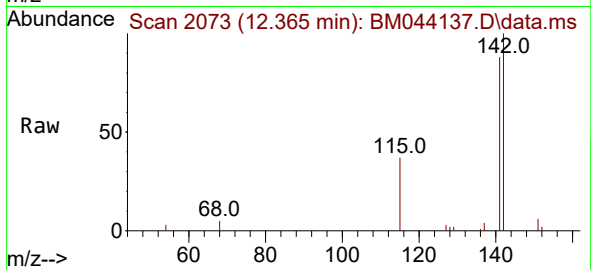




#7
2-Methylnaphthalene
Concen: 2.566 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM044137.D
Acq: 16 Feb 2024 13:57

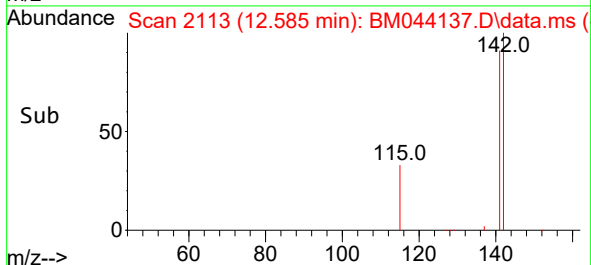
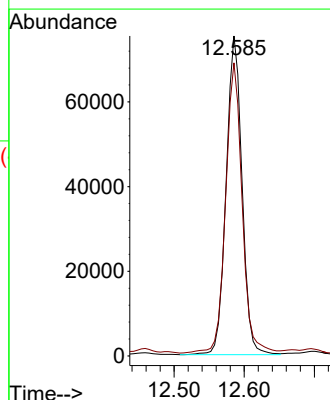
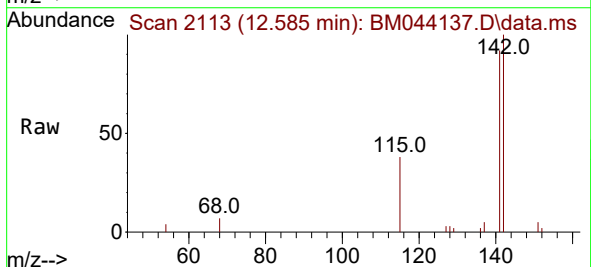
Instrument :
BNA_M
ClientSampleId :
C0FM2DL

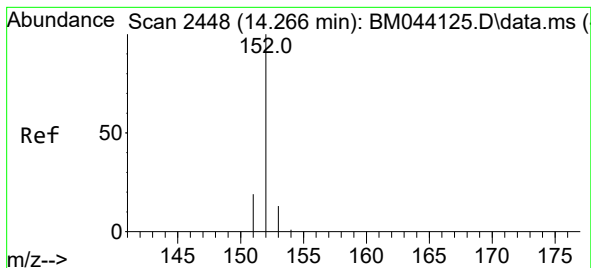
Tgt Ion:142 Resp: 147358
Ion Ratio Lower Upper
142 100
141 90.7 70.0 105.0



#8
1-Methylnaphthalene
Concen: 2.037 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BM044137.D
Acq: 16 Feb 2024 13:57

Tgt Ion:142 Resp: 118354
Ion Ratio Lower Upper
142 100
141 94.3 72.5 108.7





#10

Acenaphthylene

Concen: 0.072 ng/uI

RT: 14.271 min Scan# 2449

Delta R.T. 0.001 min

Lab File: BM044137.D

Acq: 16 Feb 2024 13:57

Instrument :

BNA_M

ClientSampleId :

C0FM2DL

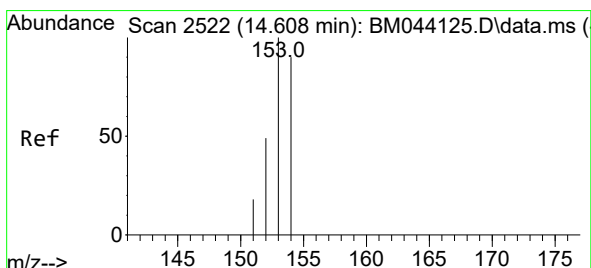
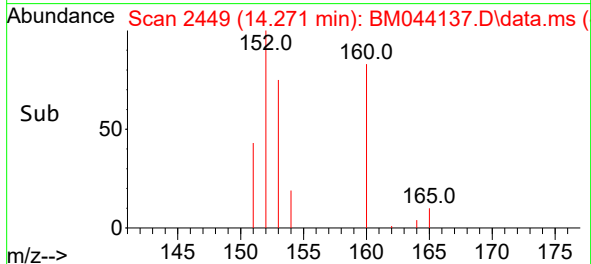
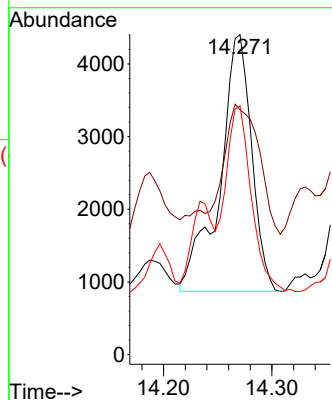
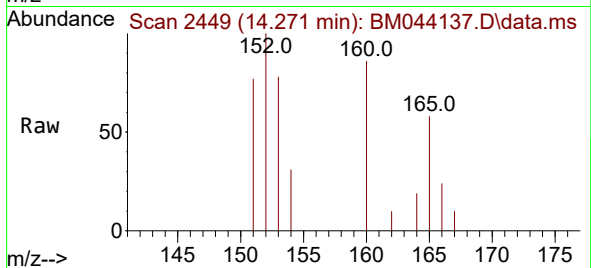
Tgt Ion:152 Resp: 7212

Ion Ratio Lower Upper

152 100

151 76.5 15.5 23.3#

153 77.7 10.8 16.2#



#11

Acenaphthene

Concen: 0.106 ng/uI

RT: 14.604 min Scan# 2521

Delta R.T. -0.004 min

Lab File: BM044137.D

Acq: 16 Feb 2024 13:57

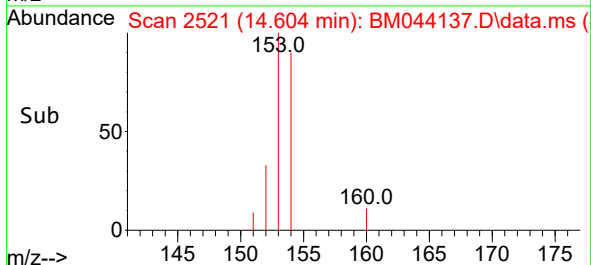
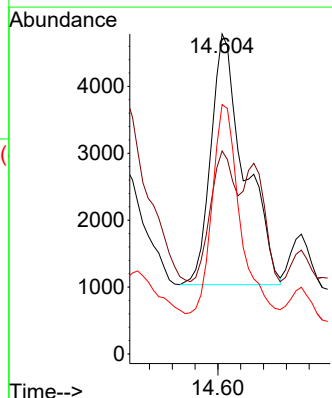
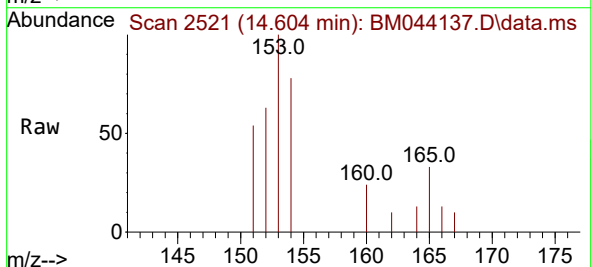
Tgt Ion:153 Resp: 7654

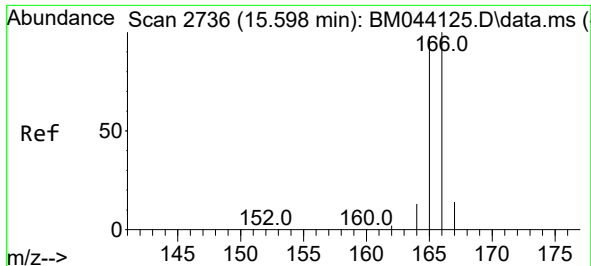
Ion Ratio Lower Upper

153 100

152 63.4 40.6 61.0#

154 77.9 70.1 105.1

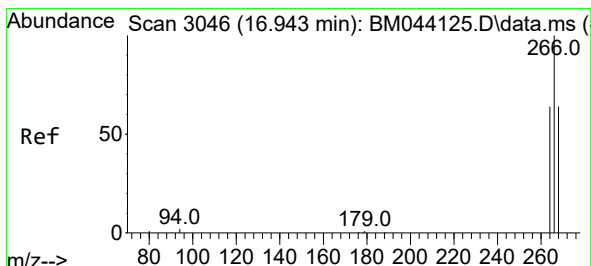
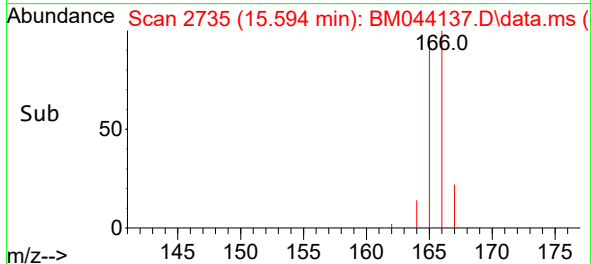
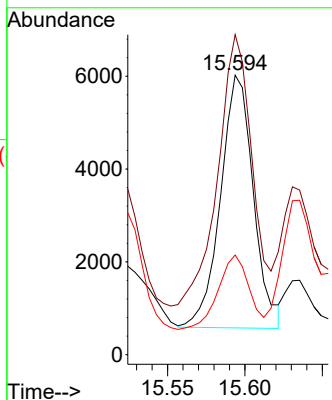
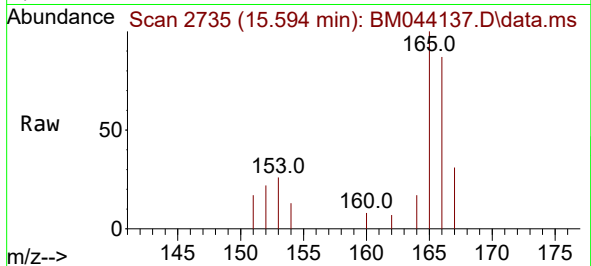




#12
Fluorene
Concen: 0.098 ng/ul
RT: 15.594 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM044137.D
Acq: 16 Feb 2024 13:57

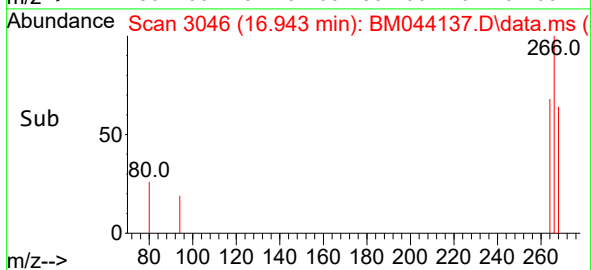
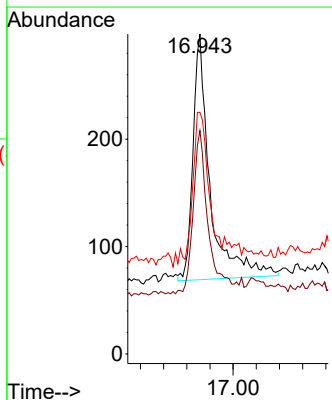
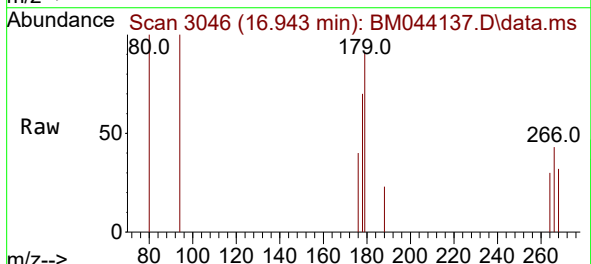
Instrument :
BNA_M
ClientSampleId :
C0FM2DL

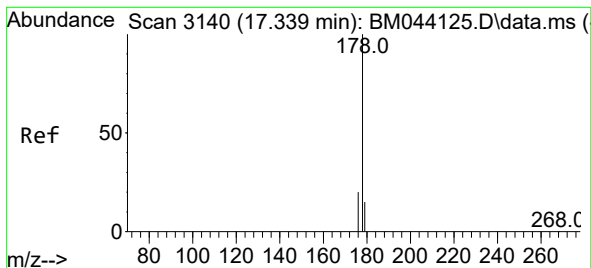
Tgt Ion:166 Resp: 8051
Ion Ratio Lower Upper
166 100
165 114.5 79.8 119.6
167 35.7 11.1 16.7#



#14
Pentachlorophenol
Concen: 0.037 ng/ul
RT: 16.943 min Scan# 3046
Delta R.T. -0.003 min
Lab File: BM044137.D
Acq: 16 Feb 2024 13:57

Tgt Ion:266 Resp: 469
Ion Ratio Lower Upper
266 100
264 60.6 49.4 74.0
268 77.2 52.1 78.1





#15

Phenanthrene

Concen: 0.177 ng/ul

RT: 17.335 min Scan# 31

Delta R.T. -0.003 min

Lab File: BM044137.D

Acq: 16 Feb 2024 13:57

Instrument :

BNA_M

ClientSampleId :

C0FM2DL

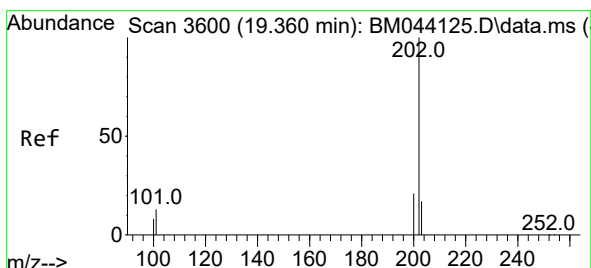
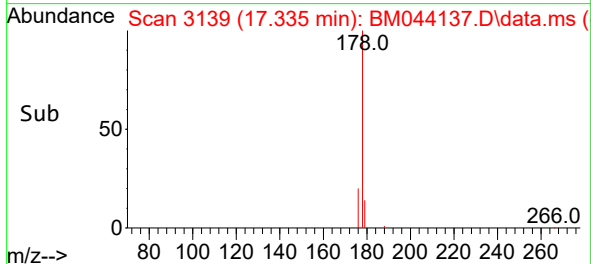
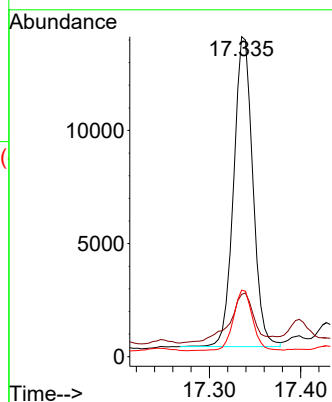
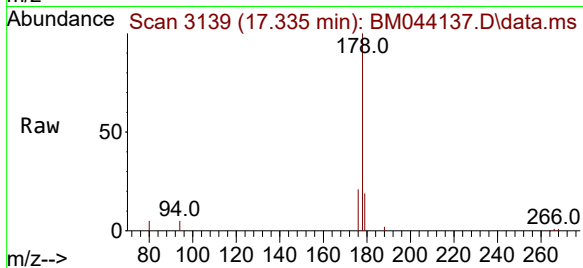
Tgt Ion:178 Resp: 20017

Ion Ratio Lower Upper

178 100

179 19.5 12.6 19.0#

176 20.8 16.0 24.0



#19

Fluoranthene

Concen: 1.583 ng/ul

RT: 19.360 min Scan# 3600

Delta R.T. -0.004 min

Lab File: BM044137.D

Acq: 16 Feb 2024 13:57

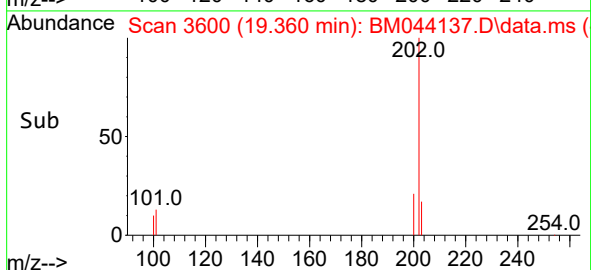
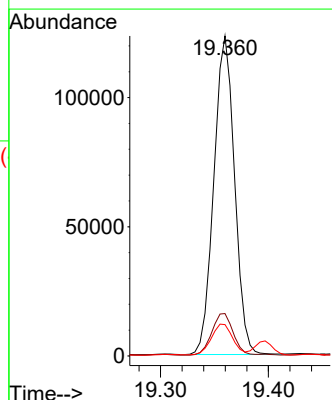
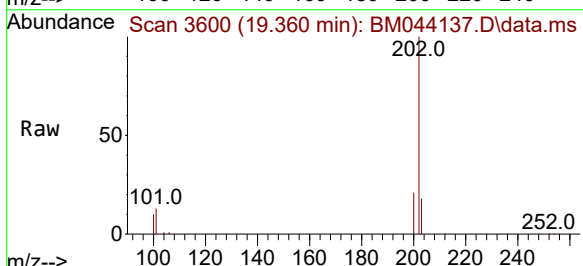
Tgt Ion:202 Resp: 164778

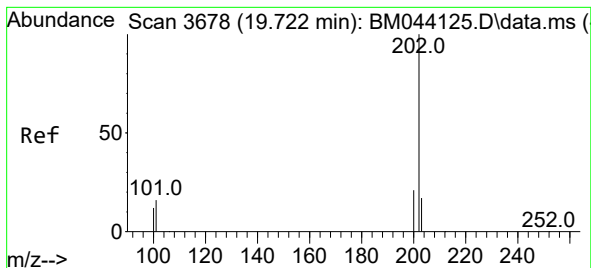
Ion Ratio Lower Upper

202 100

101 13.2 9.8 14.6

100 9.8 7.0 10.4





#20

Pyrene

Concen: 0.661 ng/ul

RT: 19.722 min Scan# 3

Delta R.T. -0.004 min

Lab File: BM044137.D

Acq: 16 Feb 2024 13:57

Instrument :

BNA_M

ClientSampleId :

C0FM2DL

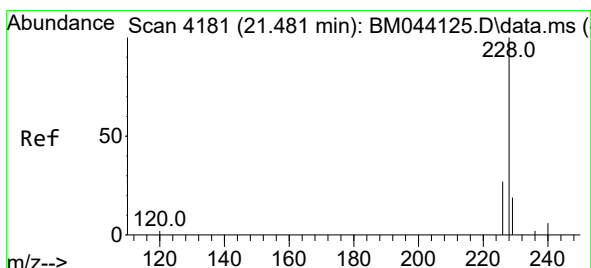
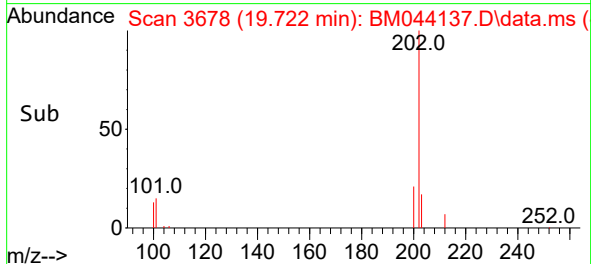
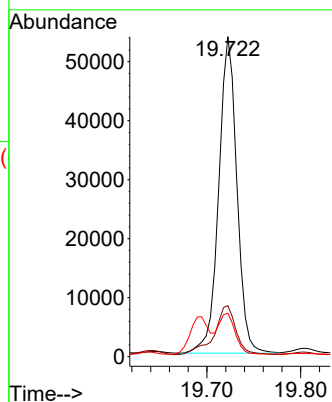
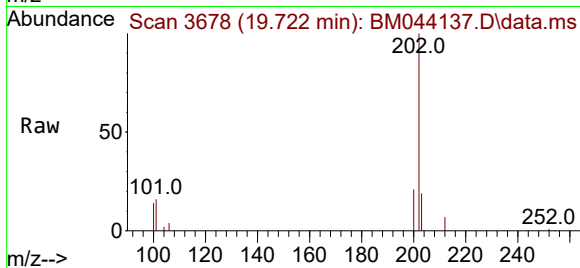
Tgt Ion:202 Resp: 72334

Ion Ratio Lower Upper

202 100

101 15.9 11.2 16.8

100 13.6 8.6 13.0#



#21

Benzo(a)anthracene

Concen: 0.336 ng/ul

RT: 21.481 min Scan# 4181

Delta R.T. -0.004 min

Lab File: BM044137.D

Acq: 16 Feb 2024 13:57

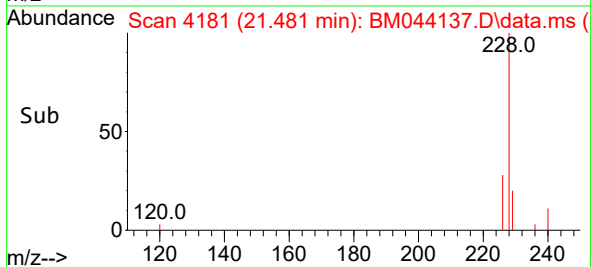
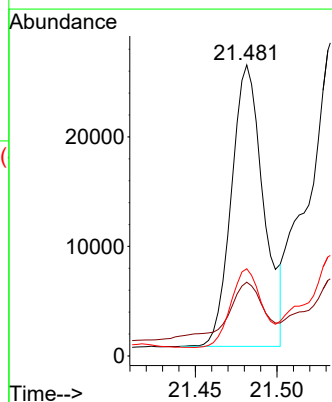
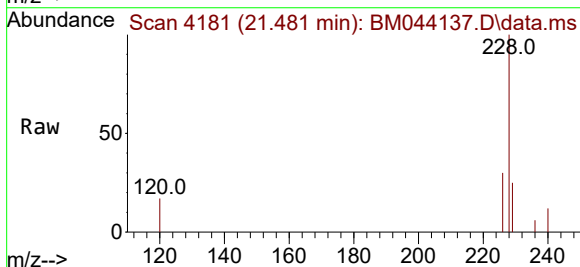
Tgt Ion:228 Resp: 35109

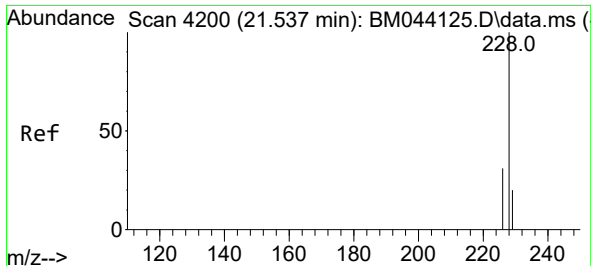
Ion Ratio Lower Upper

228 100

229 25.4 15.4 23.2#

226 29.9 22.1 33.1





#22

Chrysene

Concen: 0.427 ng/ul

RT: 21.534 min Scan# 4199

Delta R.T. -0.004 min

Lab File: BM044137.D

Acq: 16 Feb 2024 13:57

Instrument :

BNA_M

ClientSampleId :

C0FM2DL

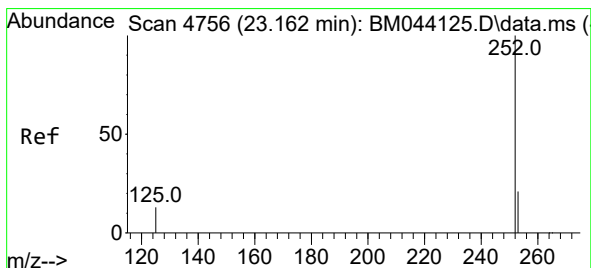
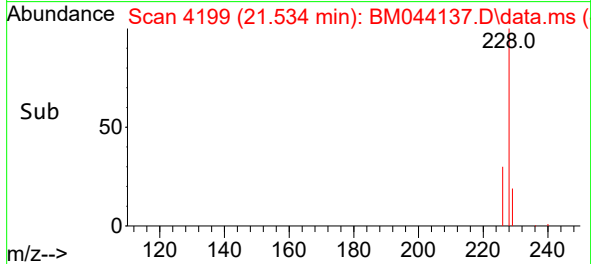
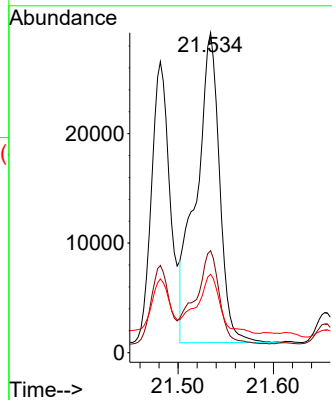
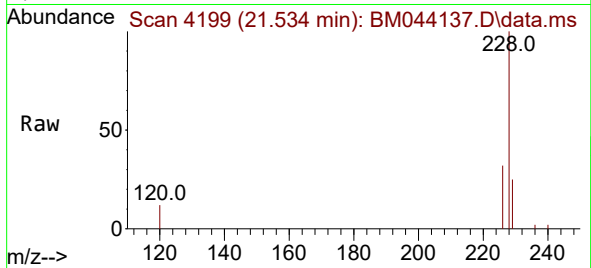
Tgt Ion:228 Resp: 48172

Ion Ratio Lower Upper

228 100

226 31.9 24.2 36.2

229 24.5 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 0.543 ng/ul

RT: 23.162 min Scan# 4756

Delta R.T. -0.001 min

Lab File: BM044137.D

Acq: 16 Feb 2024 13:57

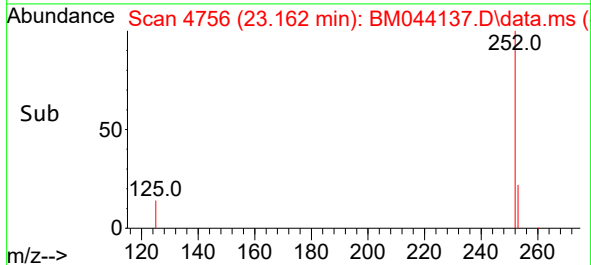
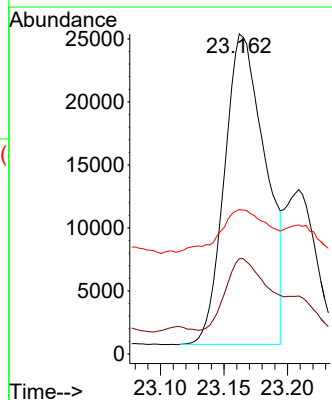
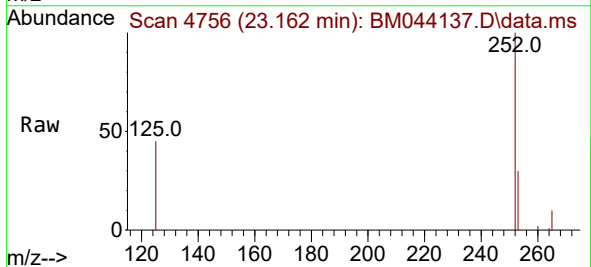
Tgt Ion:252 Resp: 55161

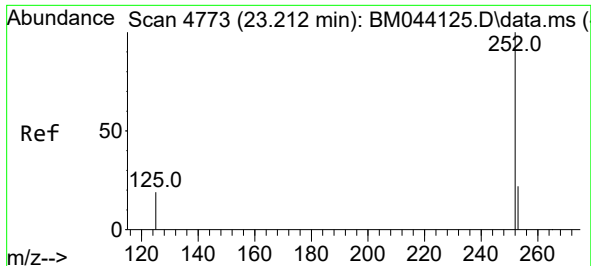
Ion Ratio Lower Upper

252 100

253 29.8 0.0 50.0

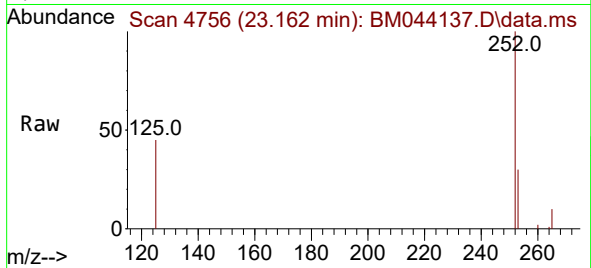
125 45.1 0.0 28.2#



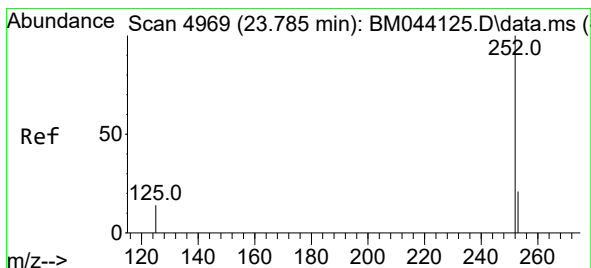
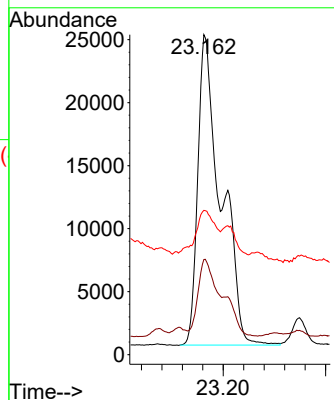


#25
Benzo(k)fluoranthene
Concen: 0.700 ng/ul
RT: 23.162 min Scan# 41
Delta R.T. -0.050 min
Lab File: BM044137.D
Acq: 16 Feb 2024 13:57

Instrument :
BNA_M
ClientSampleId :
C0FM2DL

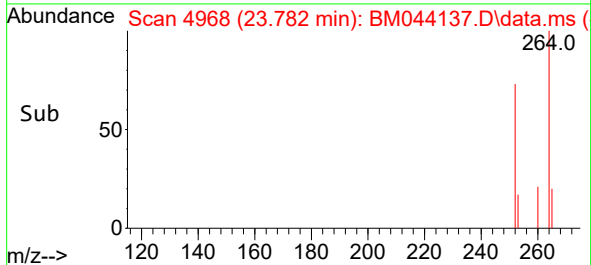
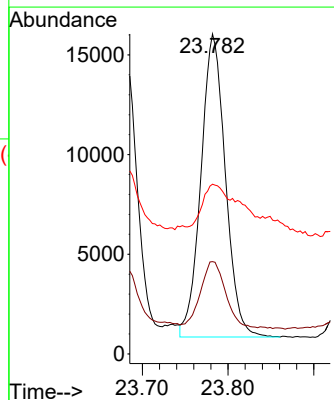
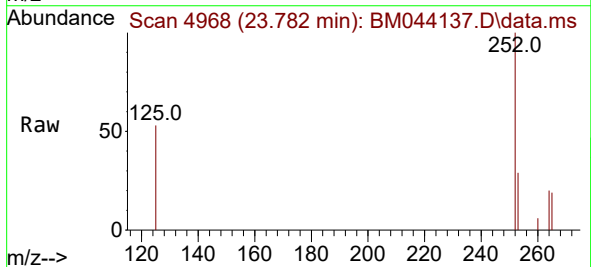


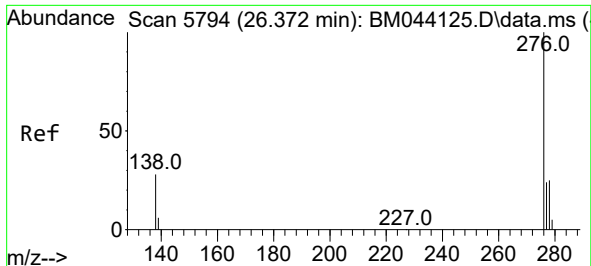
Tgt Ion:252 Resp: 77179
Ion Ratio Lower Upper
252 100
253 29.8 20.1 30.1
125 45.1 12.3 18.5#



#26
Benzo(a)pyrene
Concen: 0.319 ng/ul
RT: 23.782 min Scan# 4968
Delta R.T. -0.004 min
Lab File: BM044137.D
Acq: 16 Feb 2024 13:57

Tgt Ion:252 Resp: 30169
Ion Ratio Lower Upper
252 100
253 28.9 21.4 32.2
125 53.0 13.3 19.9#

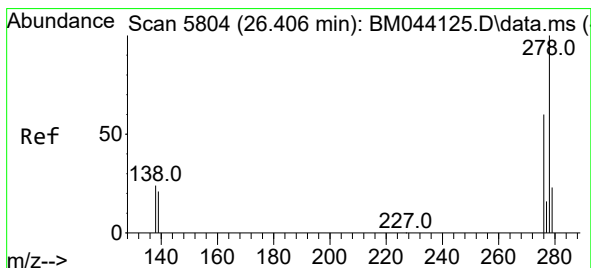
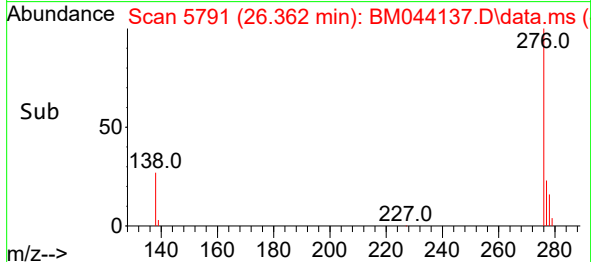
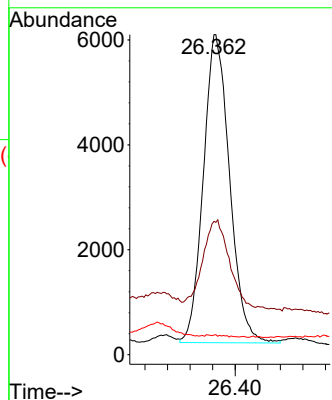
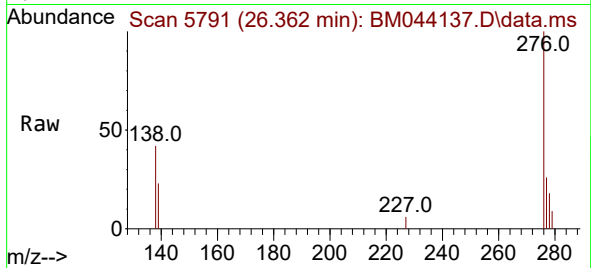




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.158 ng/ul
RT: 26.362 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM044137.D
Acq: 16 Feb 2024 13:57

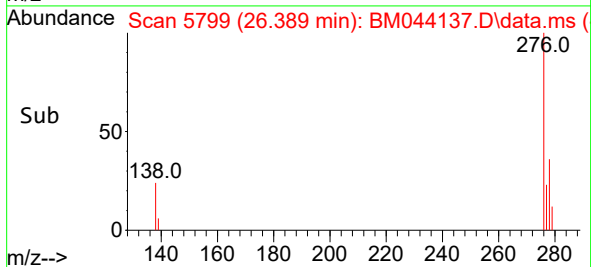
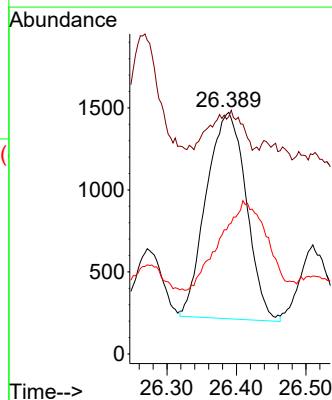
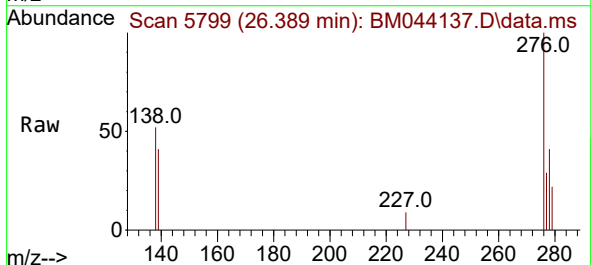
Instrument :
BNA_M
ClientSampleId :
C0FM2DL

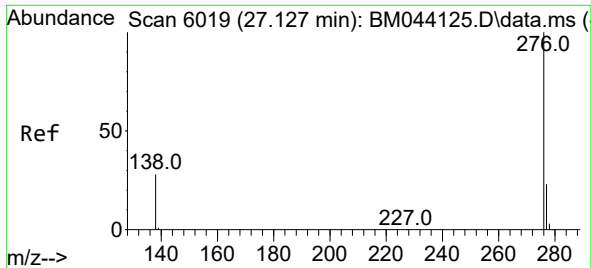
Tgt Ion:276 Resp: 18976
Ion Ratio Lower Upper
276 100
138 31.9 25.2 37.8
227 0.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.053 ng/ul
RT: 26.389 min Scan# 5799
Delta R.T. -0.021 min
Lab File: BM044137.D
Acq: 16 Feb 2024 13:57

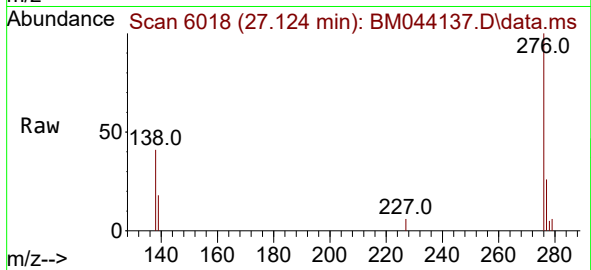
Tgt Ion:278 Resp: 5018
Ion Ratio Lower Upper
278 100
139 98.3 17.8 26.8#
279 53.6 21.8 32.8#





#29
 Benzo(g,h,i)perylene
 Concen: 0.167 ng/ul
 RT: 27.124 min Scan# 6018
 Delta R.T. -0.004 min
 Lab File: BM044137.D
 Acq: 16 Feb 2024 13:57

Instrument :
 BNA_M
 ClientSampleId :
 C0FM2DL



Tgt Ion:276 Resp: 17786
 Ion Ratio Lower Upper
 276 100
 138 41.4 22.7 34.1#
 277 25.8 19.0 28.6

