

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
 Data File : BM037650.D
 Acq On : 22 Nov 2022 20:07
 Operator : CG/JU
 Sample : N5577-15
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C9839

Quant Time: Nov 22 22:52:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 21 22:36:32 2022
 Response via : Initial Calibration

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

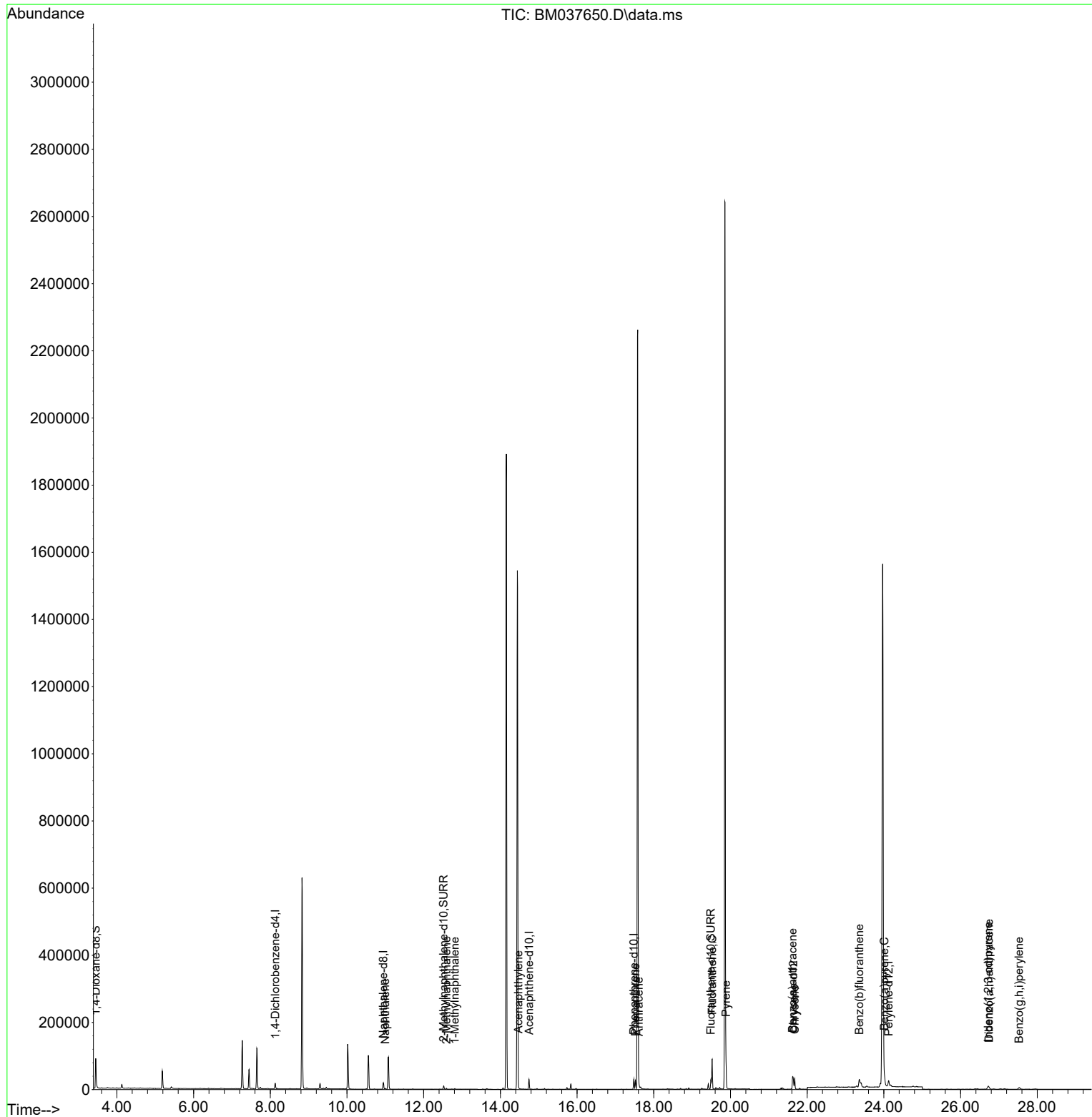
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	7975	0.400	ng/ul	0.00
4) Naphthalene-d8	10.948	136	24804	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.747	164	15246	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.479	188	32293	0.400	ng/ul	0.00
17) Chrysene-d12	21.636	240	24503	0.400	ng/ul #	0.00
23) Perylene-d12	24.124	264	25219	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	53904	5.813	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.520	152	11523	0.280	ng/ul	0.00
18) Fluoranthene-d10	19.490	212	27783	0.343	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.997	128	3172	0.042	ng/ul#	92
7) 2-Methylnaphthalene	12.592	142	1832	0.036	ng/ul	99
8) 1-Methylnaphthalene	12.812	142	1163	0.022	ng/ul	99
10) Acenaphthylene	14.470	152	2922	0.035	ng/ul#	81
15) Phenanthrene	17.521	178	27506	0.249	ng/ul	99
16) Anthracene	17.610	178	5504	0.052	ng/ul#	90
19) Fluoranthene	19.523	202	74778	0.633	ng/ul	97
20) Pyrene	19.885	202	63223	0.514	ng/ul	99
21) Benzo(a)anthracene	21.619	228	29044	0.265	ng/ul	99
22) Chrysene	21.674	228	30477	0.280	ng/ul	98
24) Benzo(b)fluoranthene	23.361	252	39808	0.346	ng/ul#	83
26) Benzo(a)pyrene	24.016	252	25562	0.256	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.725	276	16389	0.124	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.741	278	4333	0.042	ng/ul#	64
29) Benzo(g,h,i)perylene	27.526	276	11826	0.105	ng/ul#	92

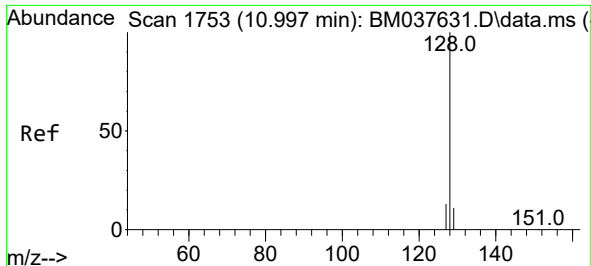
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
Data File : BM037650.D
Acq On : 22 Nov 2022 20:07
Operator : CG/JU
Sample : N5577-15
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C9839

Quant Time: Nov 22 22:52:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 22:36:32 2022
Response via : Initial Calibration

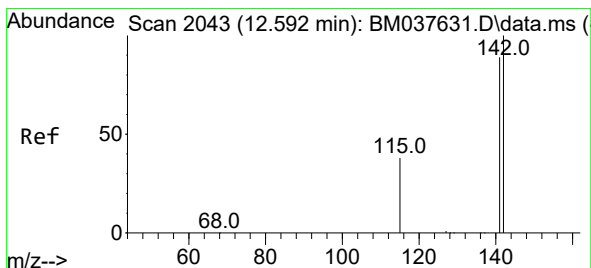
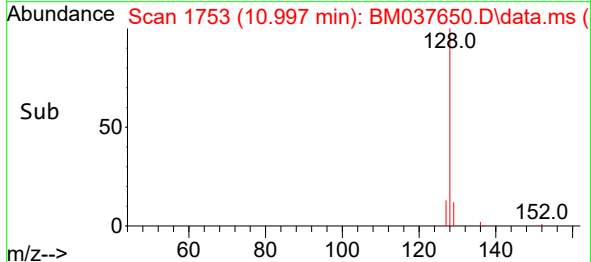
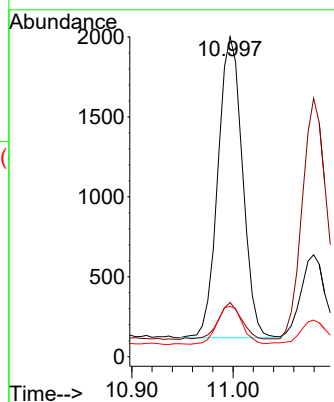
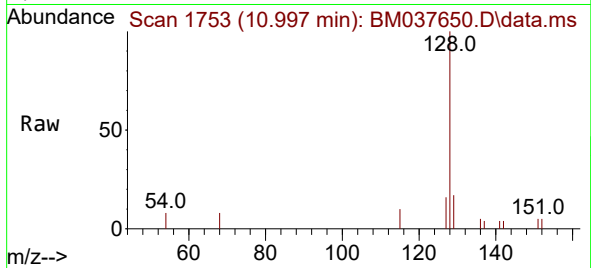




#5
Naphthalene
Concen: 0.042 ng/ul
RT: 10.997 min Scan# 1753
Delta R.T. -0.004 min
Lab File: BM037650.D
Acq: 22 Nov 2022 20:07

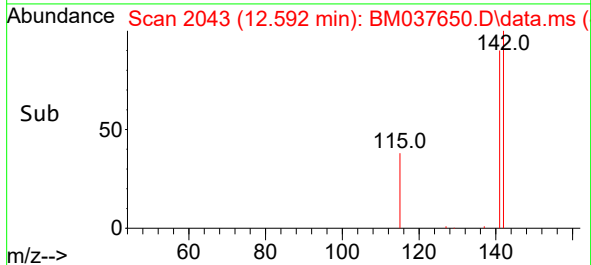
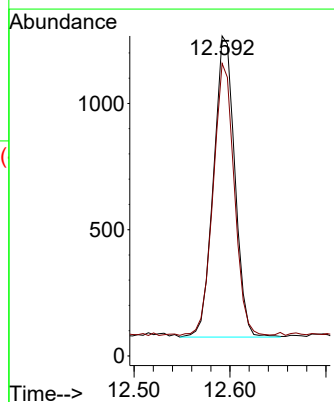
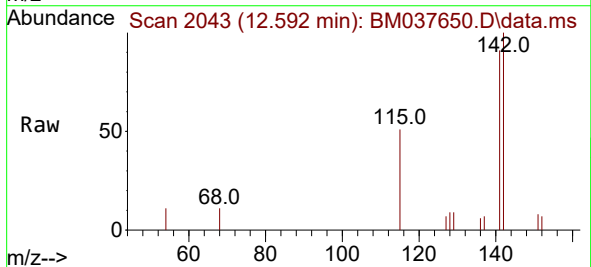
Instrument :
BNA_M
ClientSampleId :
C9839

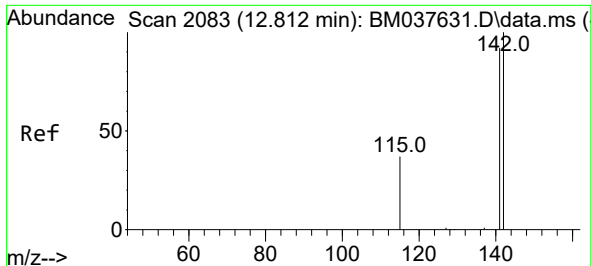
Tgt Ion:128 Resp: 3172
Ion Ratio Lower Upper
128 100
129 16.9 9.8 14.8#
127 15.7 11.0 16.4



#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.592 min Scan# 2043
Delta R.T. -0.004 min
Lab File: BM037650.D
Acq: 22 Nov 2022 20:07

Tgt Ion:142 Resp: 1832
Ion Ratio Lower Upper
142 100
141 89.5 71.0 106.4

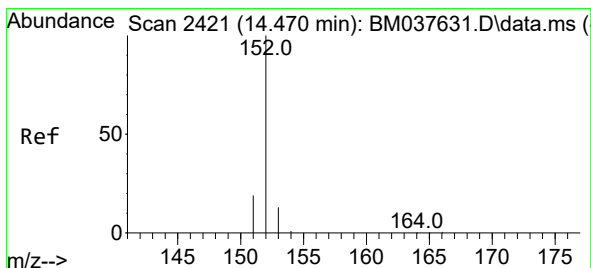
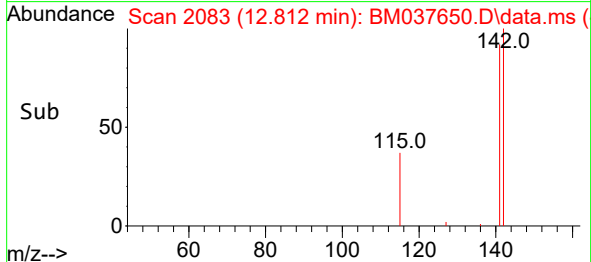
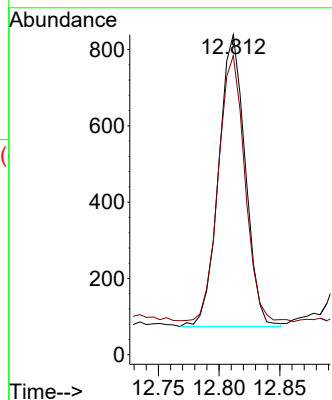
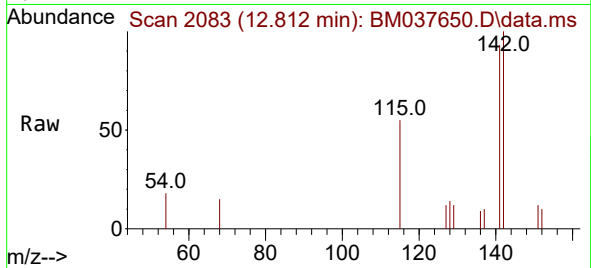




#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.812 min Scan# 2083
Delta R.T. 0.001 min
Lab File: BM037650.D
Acq: 22 Nov 2022 20:07

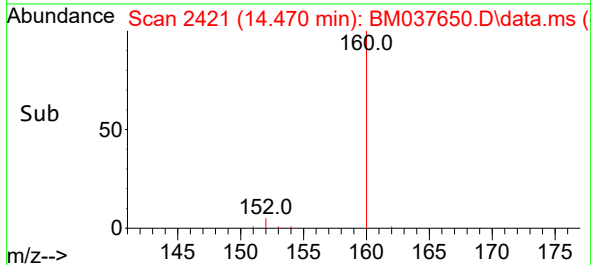
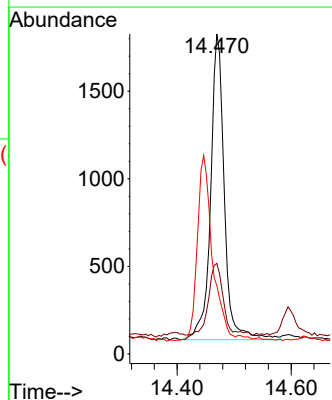
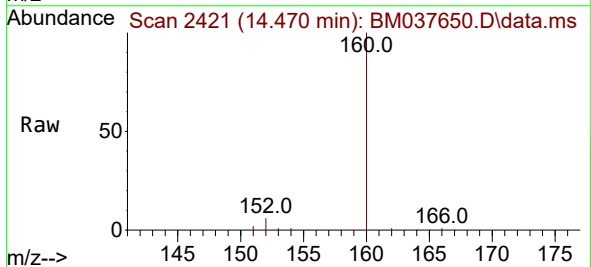
Instrument :
BNA_M
ClientSampleId :
C9839

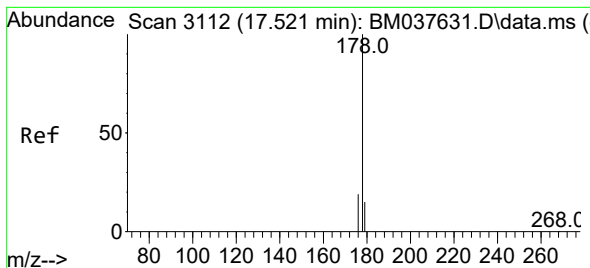
Tgt Ion:142 Resp: 1163
Ion Ratio Lower Upper
142 100
141 90.8 73.4 110.0



#10
Acenaphthylene
Concen: 0.035 ng/ul
RT: 14.470 min Scan# 2421
Delta R.T. 0.001 min
Lab File: BM037650.D
Acq: 22 Nov 2022 20:07

Tgt Ion:152 Resp: 2922
Ion Ratio Lower Upper
152 100
151 28.3 15.9 23.9#
153 21.4 11.0 16.4#





#15

Phenanthrene

Concen: 0.249 ng/ul

RT: 17.521 min Scan# 3112

Delta R.T. -0.003 min

Lab File: BM037650.D

Acq: 22 Nov 2022 20:07

Instrument :

BNA_M

ClientSampleId :

C9839

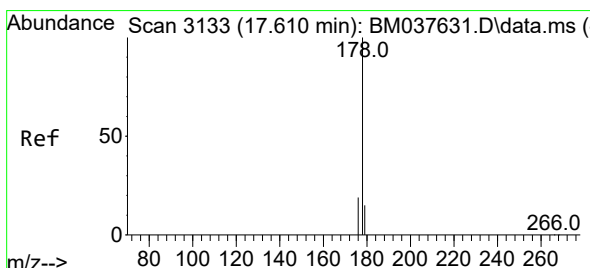
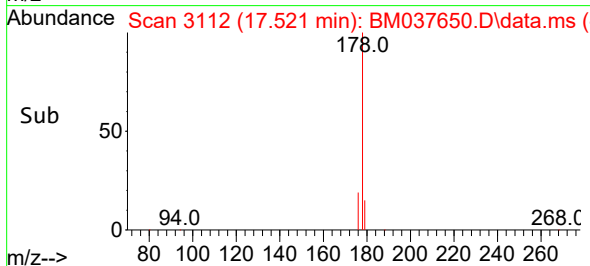
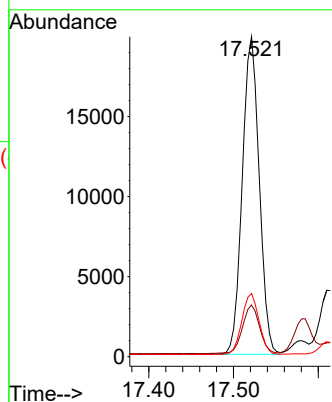
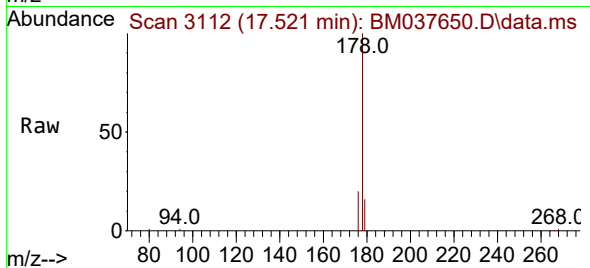
Tgt Ion:178 Resp: 27506

Ion Ratio Lower Upper

178 100

179 16.1 12.6 18.8

176 19.7 16.0 24.0



#16

Anthracene

Concen: 0.052 ng/ul

RT: 17.610 min Scan# 3133

Delta R.T. -0.003 min

Lab File: BM037650.D

Acq: 22 Nov 2022 20:07

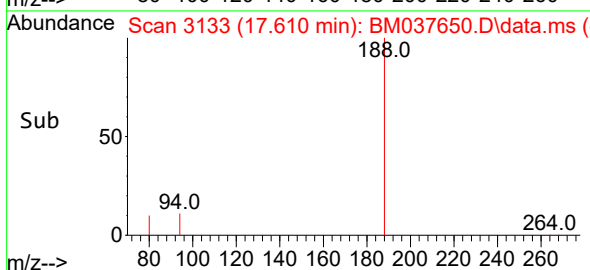
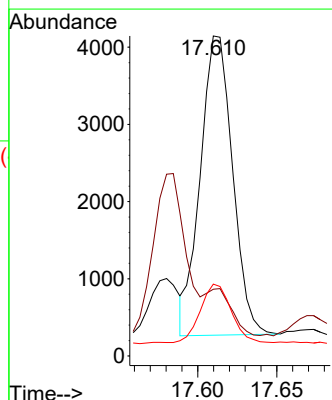
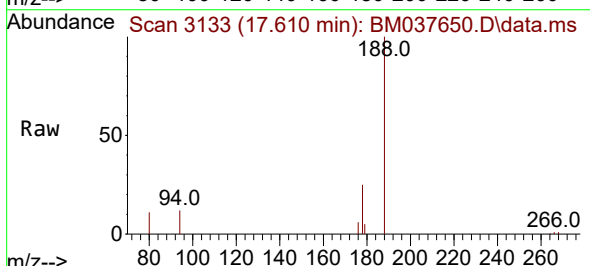
Tgt Ion:178 Resp: 5504

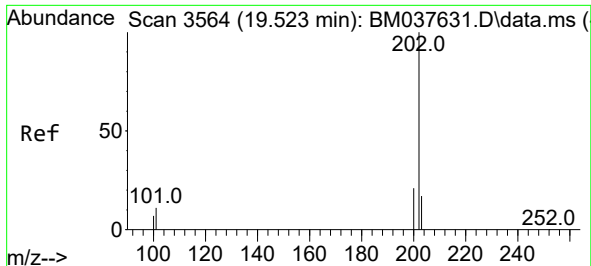
Ion Ratio Lower Upper

178 100

179 20.9 12.8 19.2#

176 22.5 15.0 22.6

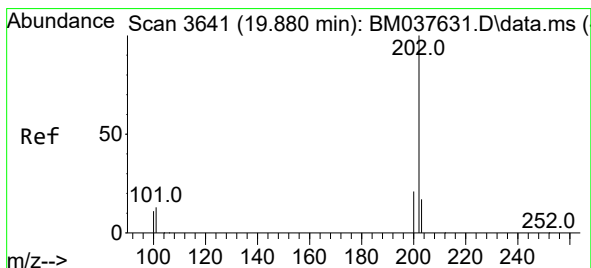
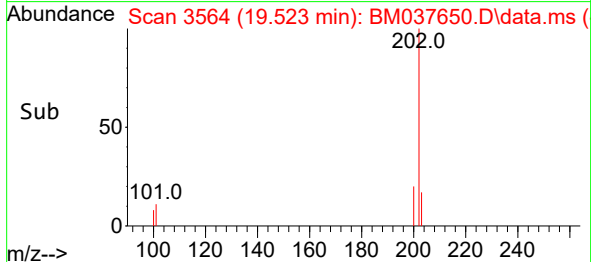
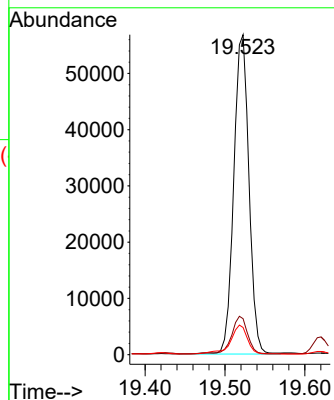
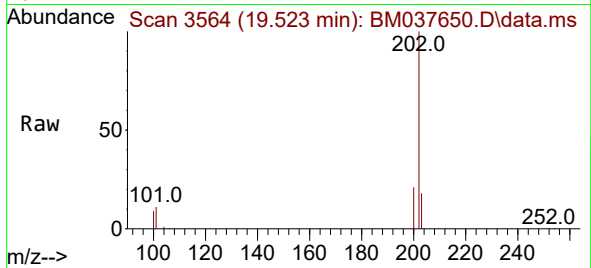




#19
Fluoranthene
Concen: 0.633 ng/ul
RT: 19.523 min Scan# 3564
Delta R.T. 0.001 min
Lab File: BM037650.D
Acq: 22 Nov 2022 20:07

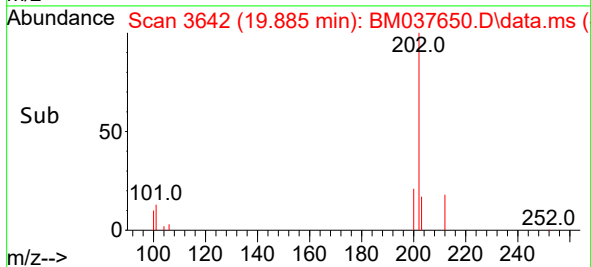
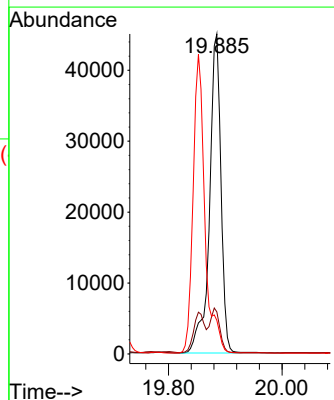
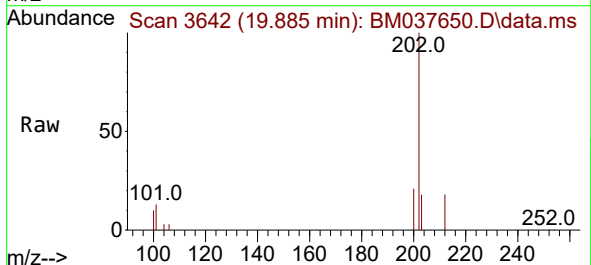
Instrument :
BNA_M
ClientSampleId :
C9839

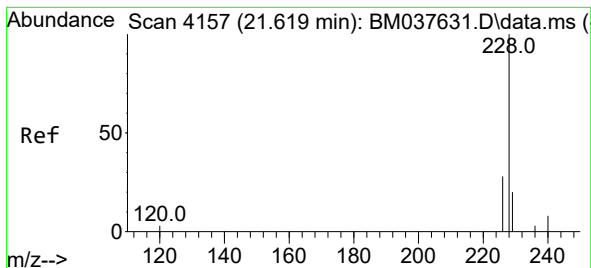
Tgt Ion:202 Resp: 74778
Ion Ratio Lower Upper
202 100
101 11.2 8.2 12.2
100 8.5 6.1 9.1



#20
Pyrene
Concen: 0.514 ng/ul
RT: 19.885 min Scan# 3642
Delta R.T. 0.001 min
Lab File: BM037650.D
Acq: 22 Nov 2022 20:07

Tgt Ion:202 Resp: 63223
Ion Ratio Lower Upper
202 100
101 13.2 10.1 15.1
100 10.5 8.0 12.0





#21

Benzo(a)anthracene

Concen: 0.265 ng/ul

RT: 21.619 min Scan# 4157

Delta R.T. -0.003 min

Lab File: BM037650.D

Acq: 22 Nov 2022 20:07

Instrument :

BNA_M

ClientSampleId :

C9839

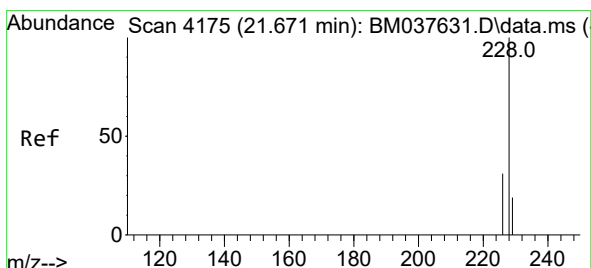
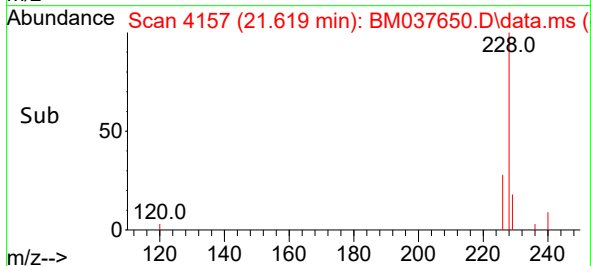
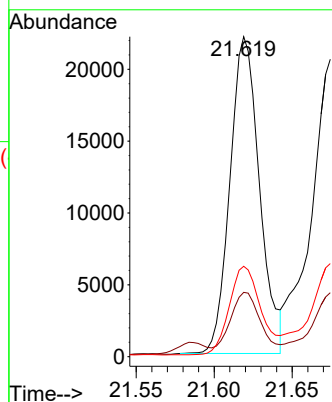
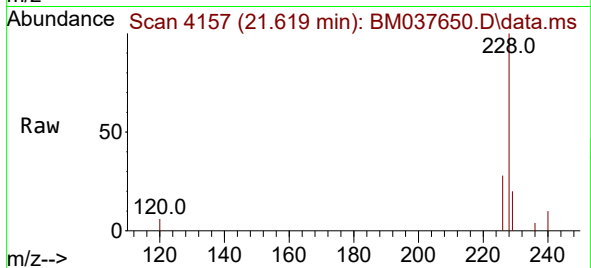
Tgt Ion:228 Resp: 29044

Ion Ratio Lower Upper

228 100

229 20.1 15.7 23.5

226 28.3 22.2 33.2



#22

Chrysene

Concen: 0.280 ng/ul

RT: 21.674 min Scan# 4176

Delta R.T. -0.000 min

Lab File: BM037650.D

Acq: 22 Nov 2022 20:07

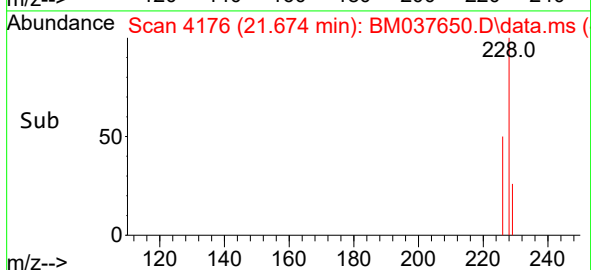
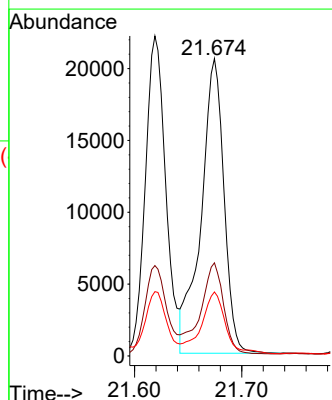
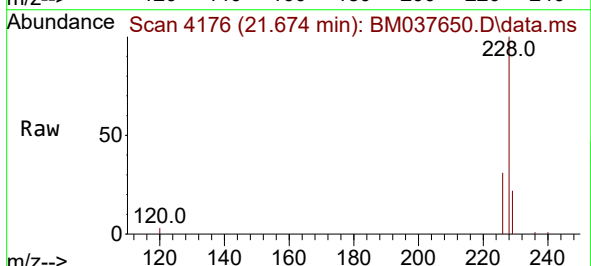
Tgt Ion:228 Resp: 30477

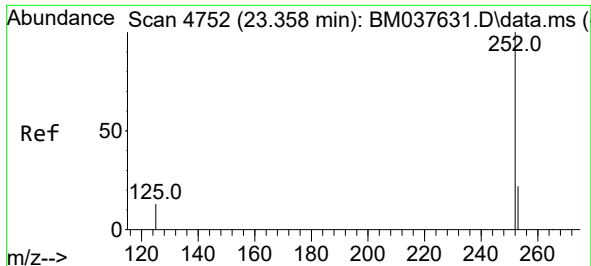
Ion Ratio Lower Upper

228 100

226 31.3 24.6 37.0

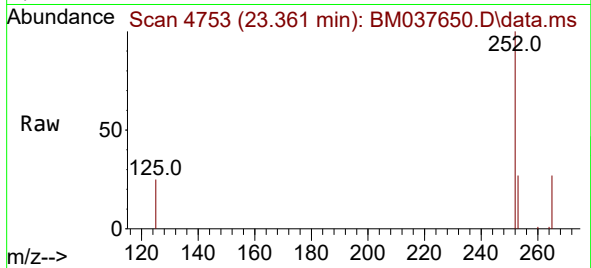
229 21.5 15.5 23.3



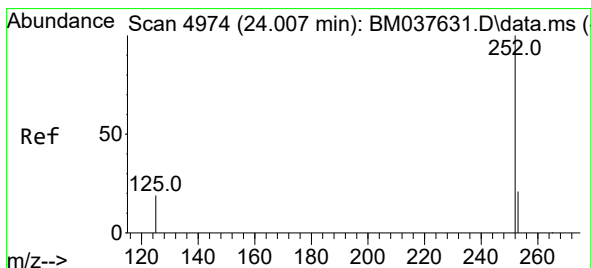
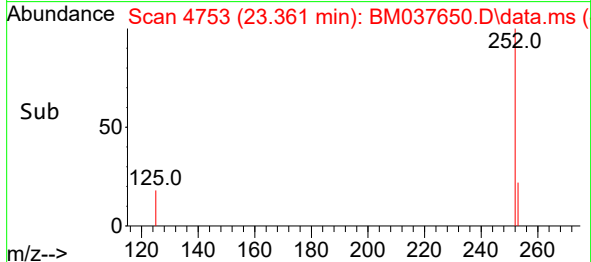
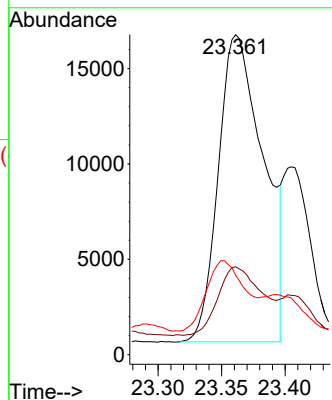


#24
Benzo(b)fluoranthene
Concen: 0.346 ng/ul
RT: 23.361 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM037650.D
Acq: 22 Nov 2022 20:07

Instrument :
BNA_M
ClientSampleId :
C9839

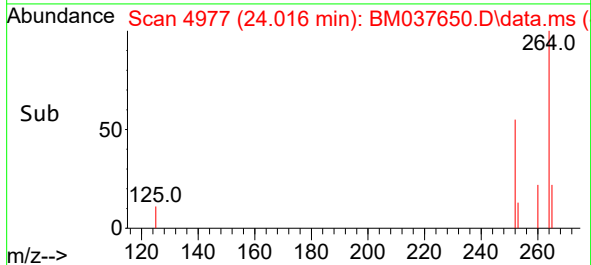
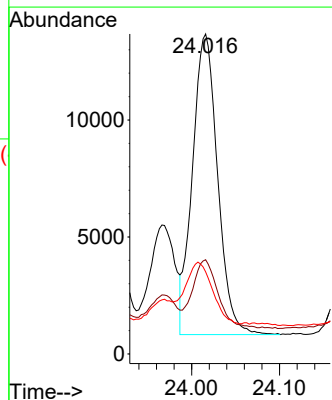
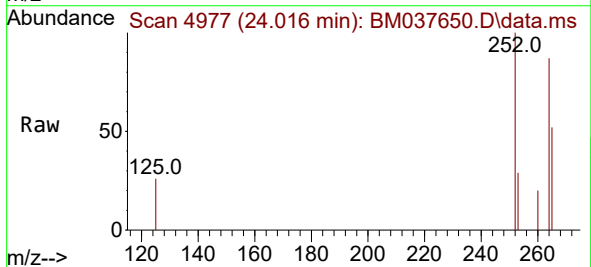


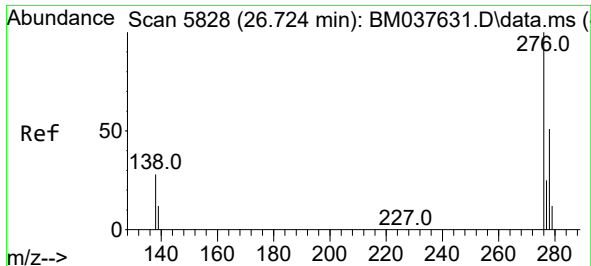
Tgt Ion:252 Resp: 39808
Ion Ratio Lower Upper
252 100
253 27.4 0.0 46.2
125 24.9 0.0 23.4#



#26
Benzo(a)pyrene
Concen: 0.256 ng/ul
RT: 24.016 min Scan# 4977
Delta R.T. 0.003 min
Lab File: BM037650.D
Acq: 22 Nov 2022 20:07

Tgt Ion:252 Resp: 25562
Ion Ratio Lower Upper
252 100
253 29.5 18.8 28.2#
125 25.7 10.5 15.7#

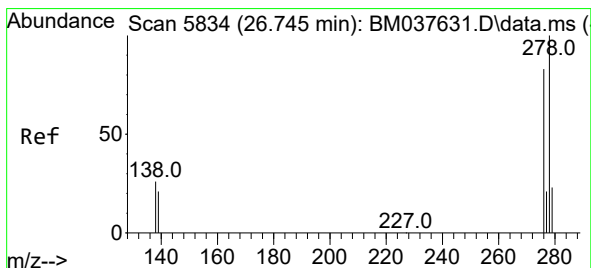
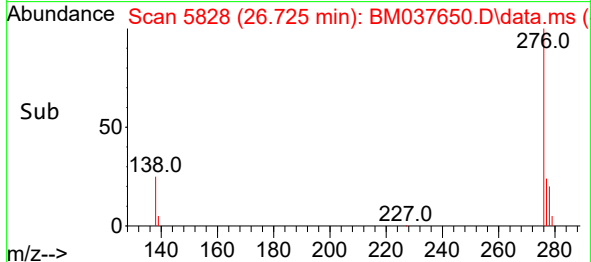
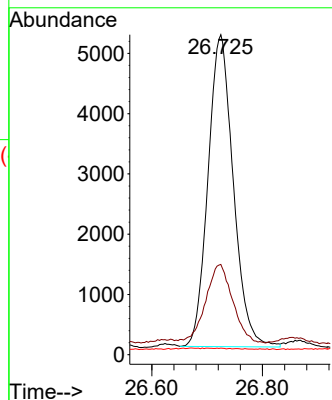
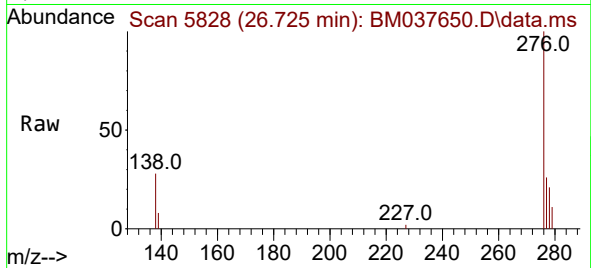




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.124 ng/ul
RT: 26.725 min Scan# 5828
Delta R.T. -0.004 min
Lab File: BM037650.D
Acq: 22 Nov 2022 20:07

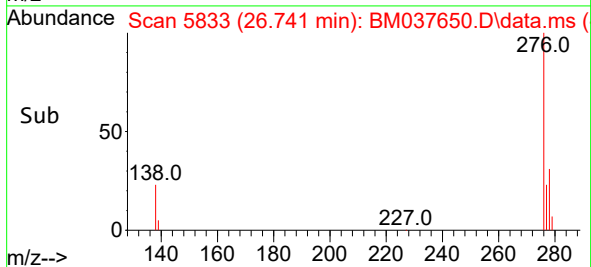
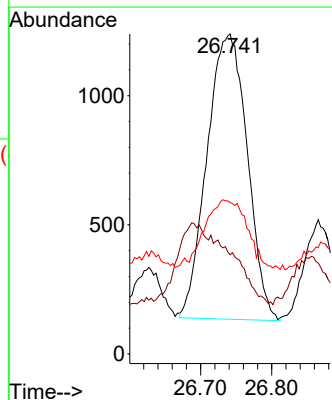
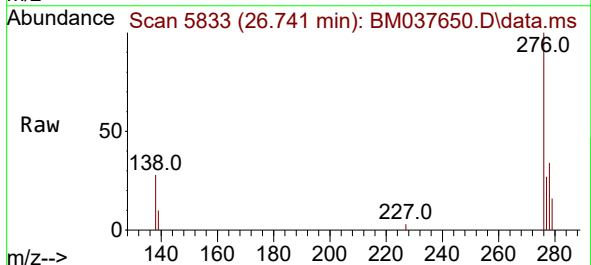
Instrument :
BNA_M
ClientSampleId :
C9839

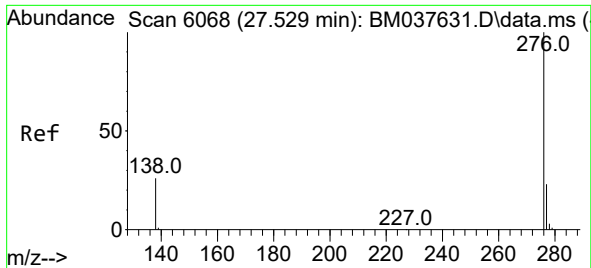
Tgt Ion:276 Resp: 16389
Ion Ratio Lower Upper
276 100
138 27.4 21.2 31.8
227 0.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.042 ng/ul
RT: 26.741 min Scan# 5833
Delta R.T. -0.007 min
Lab File: BM037650.D
Acq: 22 Nov 2022 20:07

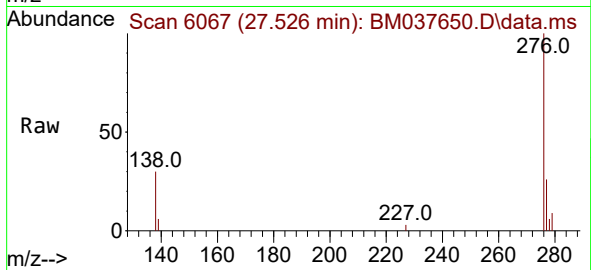
Tgt Ion:278 Resp: 4333
Ion Ratio Lower Upper
278 100
139 31.0 15.2 22.8#
279 47.3 20.2 30.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.105 ng/ul
 RT: 27.526 min Scan# 6067
 Delta R.T. -0.007 min
 Lab File: BM037650.D
 Acq: 22 Nov 2022 20:07

Instrument :
 BNA_M
 ClientSampleId :
 C9839



Tgt Ion:276 Resp: 11826
 Ion Ratio Lower Upper
 276 100
 138 29.7 19.0 28.4#
 277 26.3 19.4 29.2

