

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038211.D
 Acq On : 22 Dec 2022 23:09
 Operator : CG/JU
 Sample : N6009-03DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXZ1DL

Quant Time: Dec 23 01:49:45 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 23:36:45 2022
 Response via : Initial Calibration

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

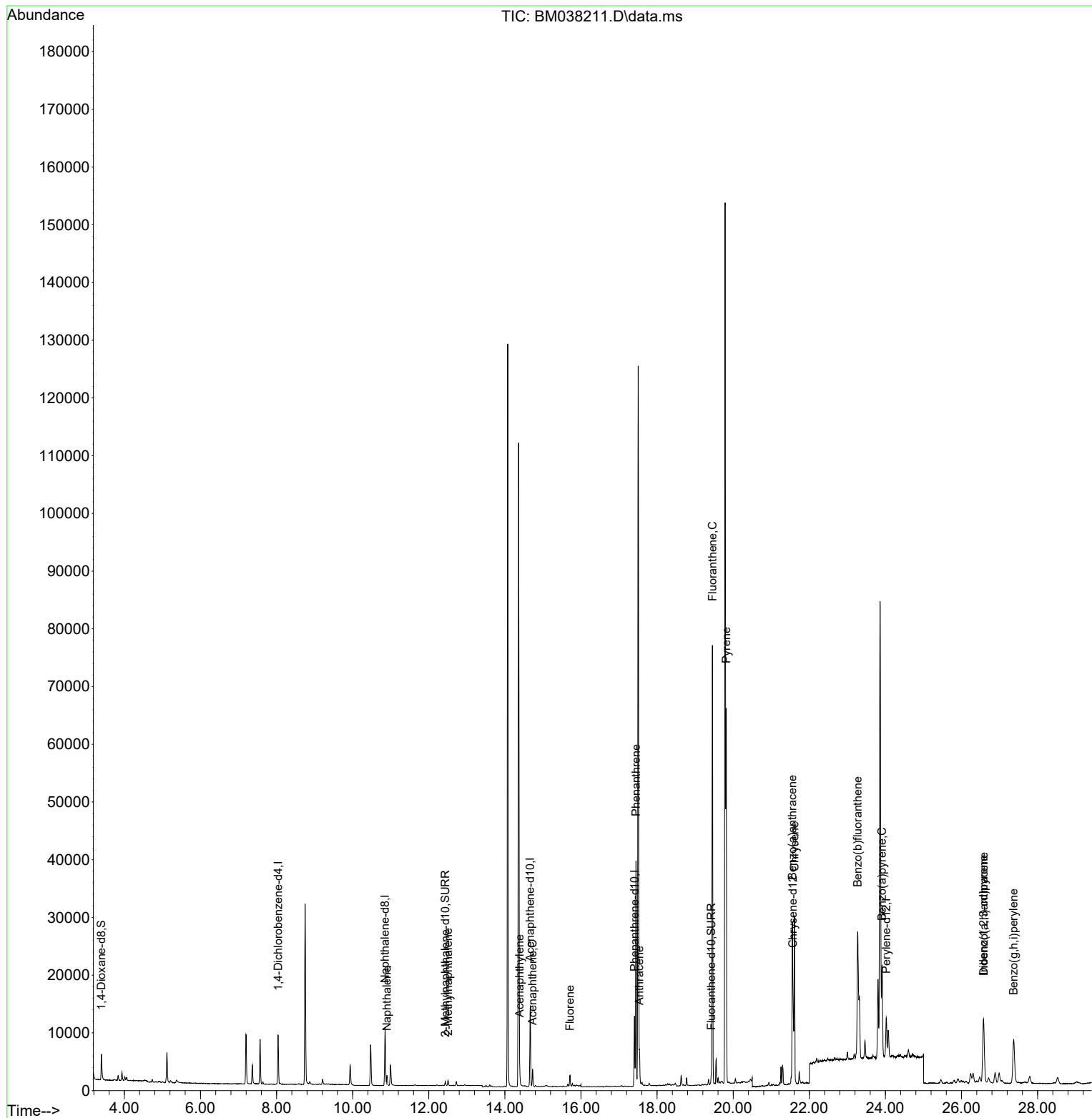
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	4426	0.400	ng/ul	0.00
4) Naphthalene-d8	10.851	136	13482	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	7362	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	14409	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	9151	0.400	ng/ul	0.00
23) Perylene-d12	24.020	264	9258	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	3248	0.721	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	906	0.046	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	1598	0.047	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.900	128	2271	0.057	ng/ul#	93
7) 2-Methylnaphthalene	12.506	142	675	0.027	ng/ul	98
10) Acenaphthylene	14.388	152	2307	0.057	ng/ul#	89
11) Acenaphthene	14.726	153	1689	0.058	ng/ul	96
12) Fluorene	15.712	166	1201	0.038	ng/ul#	93
15) Phenanthrene	17.447	178	39493	0.819	ng/ul	99
16) Anthracene	17.535	178	5329	0.115	ng/ul	95
19) Fluoranthene	19.454	202	64980	1.296	ng/ul	99
20) Pyrene	19.817	202	53680	1.060	ng/ul	98
21) Benzo(a)anthracene	21.553	228	22964	0.572	ng/ul	98
22) Chrysene	21.609	228	28224	0.722	ng/ul	99
24) Benzo(b)fluoranthene	23.269	252	38772	0.946	ng/ul	96
26) Benzo(a)pyrene	23.912	252	23409	0.655	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.575	276	18710	0.377	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.582	278	4596	0.119	ng/ul#	67
29) Benzo(g,h,i)perylene	27.370	276	17085	0.409	ng/ul	99

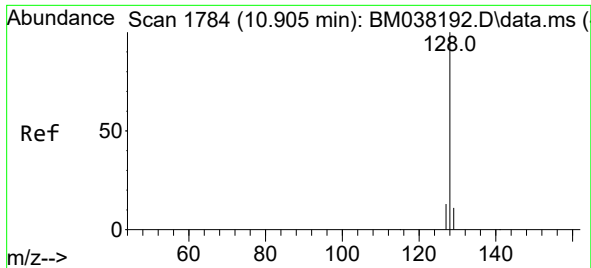
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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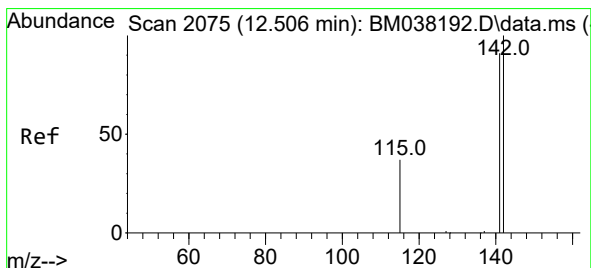
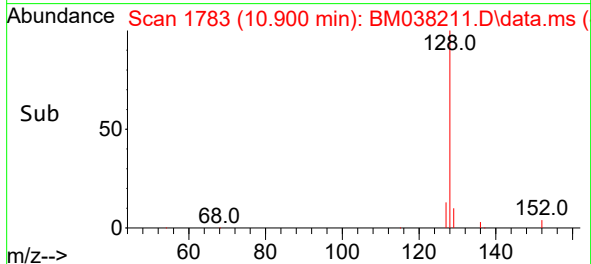
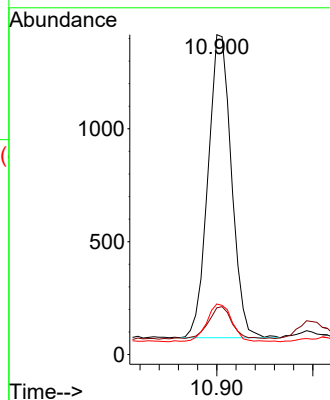
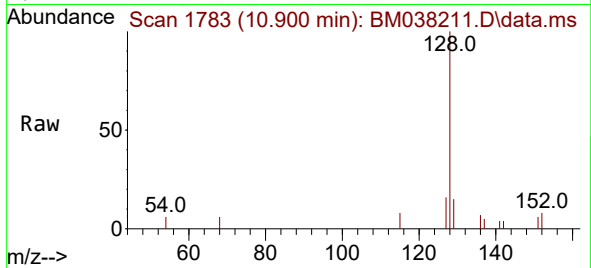




#5
Naphthalene
Concen: 0.057 ng/ul
RT: 10.900 min Scan# 1783
Delta R.T. -0.005 min
Lab File: BM038211.D
Acq: 22 Dec 2022 23:09

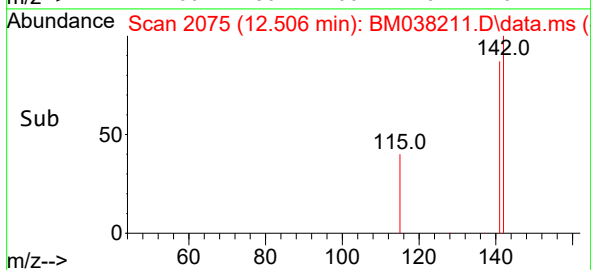
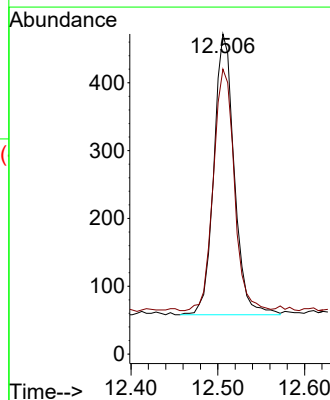
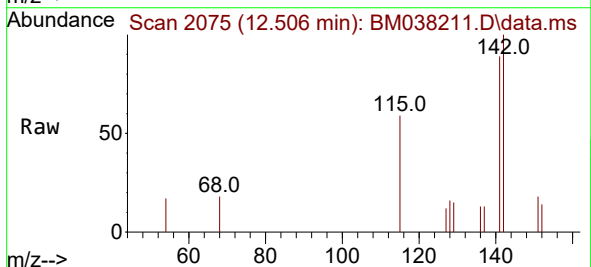
Instrument :
BNA_M
ClientSampleId :
DBXZ1DL

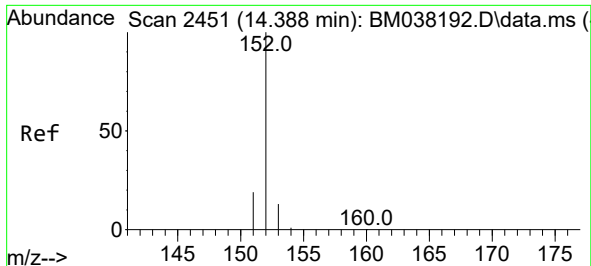
Tgt Ion:128 Resp: 2271
Ion Ratio Lower Upper
128 100
129 14.6 9.4 14.0#
127 15.8 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.506 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM038211.D
Acq: 22 Dec 2022 23:09

Tgt Ion:142 Resp: 675
Ion Ratio Lower Upper
142 100
141 88.3 71.9 107.9

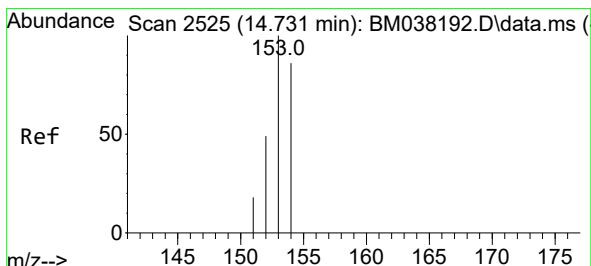
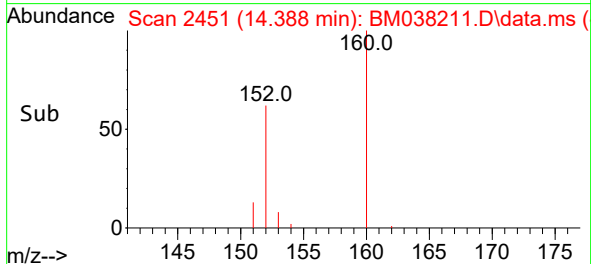
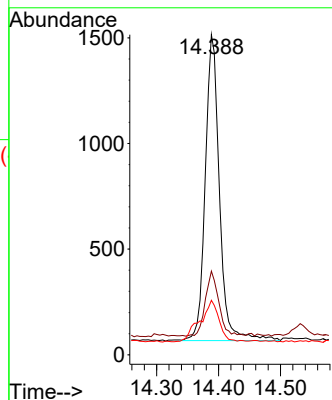
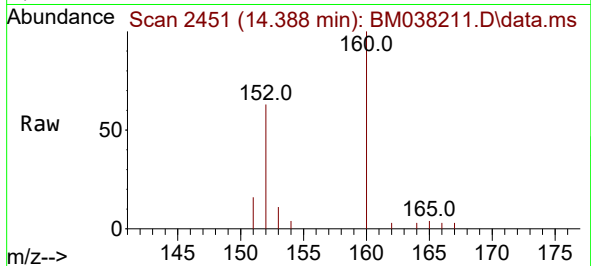




#10
Acenaphthylene
Concen: 0.057 ng/ul
RT: 14.388 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038211.D
Acq: 22 Dec 2022 23:09

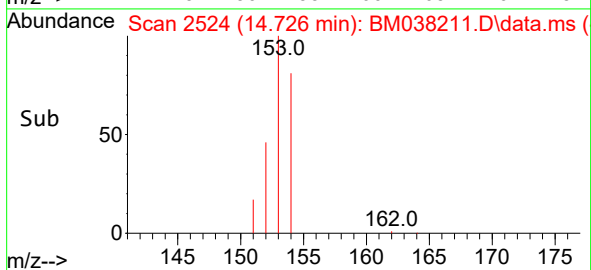
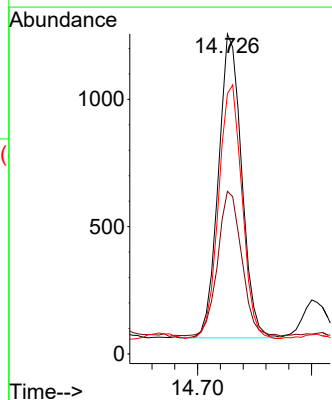
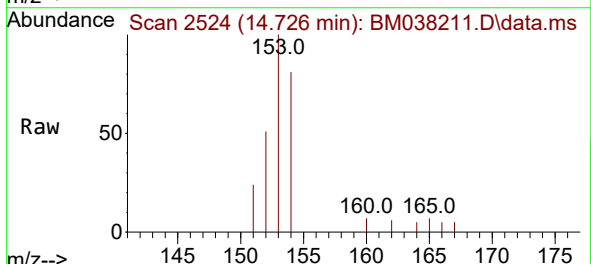
Instrument :
BNA_M
ClientSampleId :
DBXZ1DL

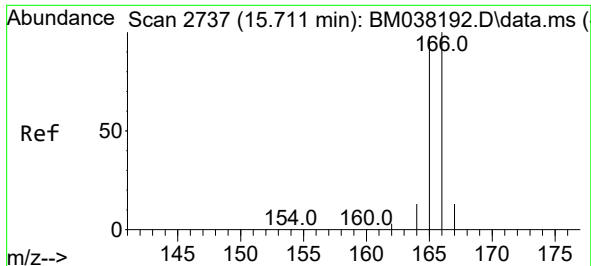
Tgt Ion:152 Resp: 2307
Ion Ratio Lower Upper
152 100
151 26.1 16.2 24.2#
153 17.0 10.7 16.1#



#11
Acenaphthene
Concen: 0.058 ng/ul
RT: 14.726 min Scan# 2524
Delta R.T. -0.005 min
Lab File: BM038211.D
Acq: 22 Dec 2022 23:09

Tgt Ion:153 Resp: 1689
Ion Ratio Lower Upper
153 100
152 50.8 39.4 59.0
154 81.3 69.0 103.4

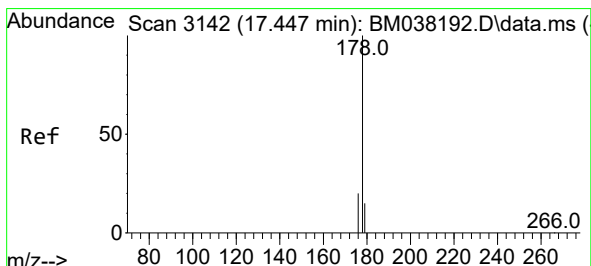
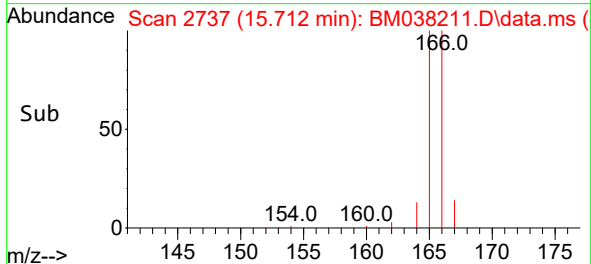
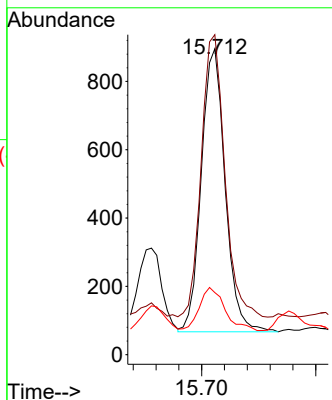
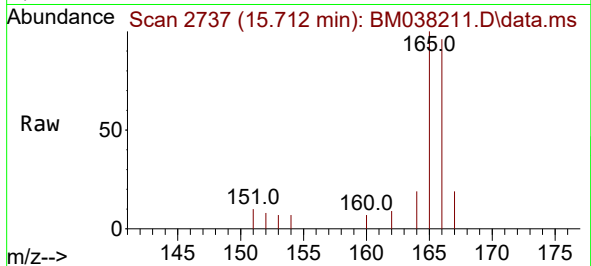




#12
Fluorene
Concen: 0.038 ng/ul
RT: 15.712 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038211.D
Acq: 22 Dec 2022 23:09

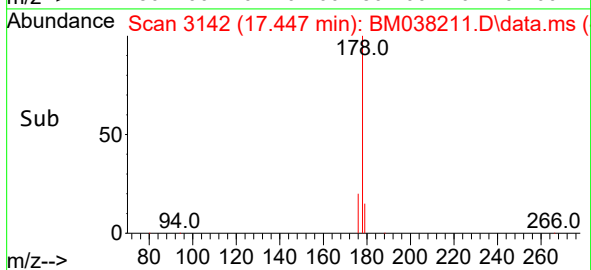
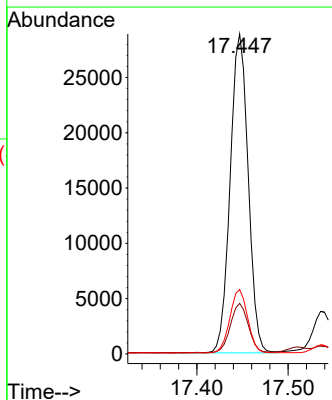
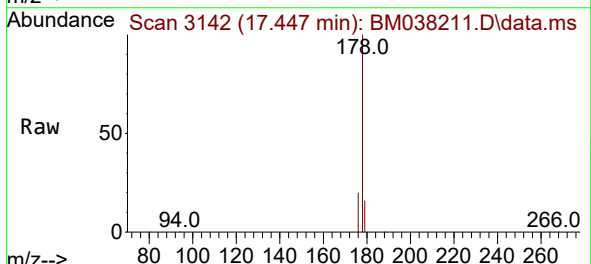
Instrument :
BNA_M
ClientSampleId :
DBXZ1DL

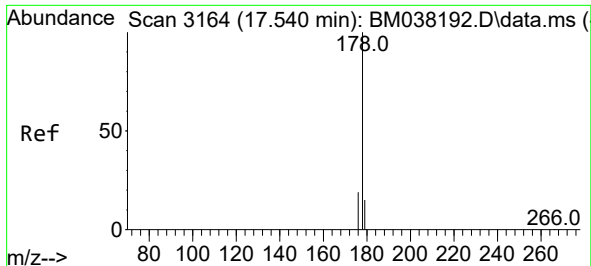
Tgt Ion:166 Resp: 1201
Ion Ratio Lower Upper
166 100
165 104.6 79.0 118.6
167 20.3 11.0 16.6#



#15
Phenanthrene
Concen: 0.819 ng/ul
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038211.D
Acq: 22 Dec 2022 23:09

Tgt Ion:178 Resp: 39493
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.4
176 20.2 16.2 24.4

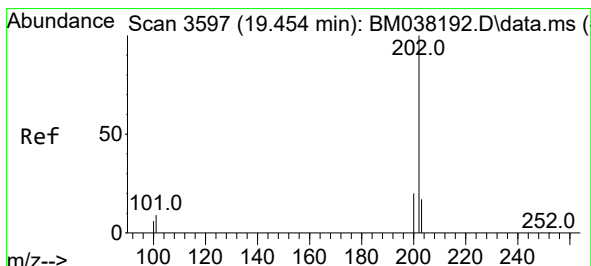
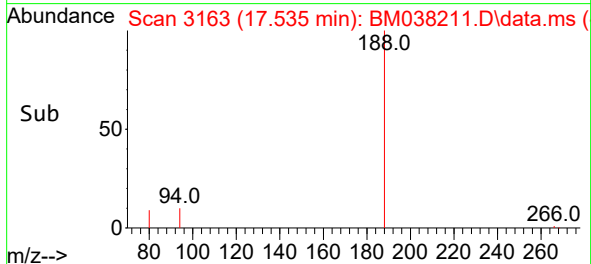
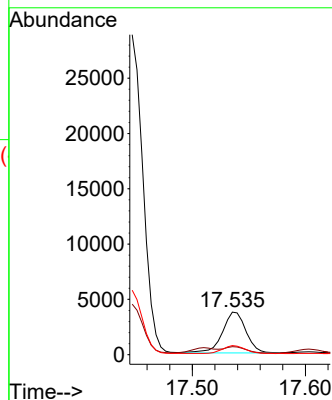
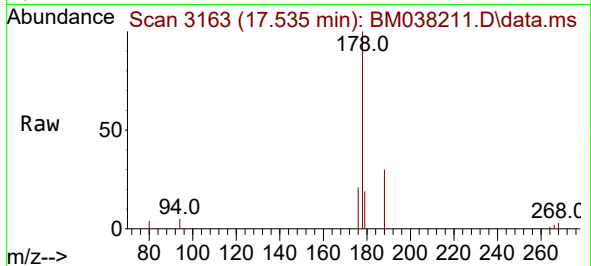




#16
 Anthracene
 Concen: 0.115 ng/ul
 RT: 17.535 min Scan# 3163
 Delta R.T. -0.004 min
 Lab File: BM038211.D
 Acq: 22 Dec 2022 23:09

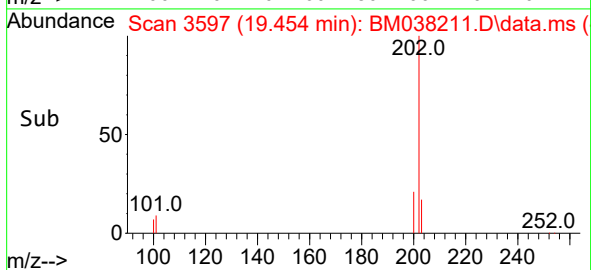
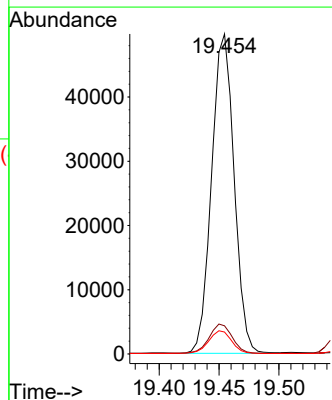
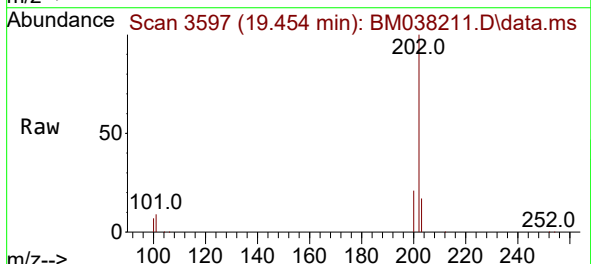
Instrument :
 BNA_M
 ClientSampleId :
 DBXZ1DL

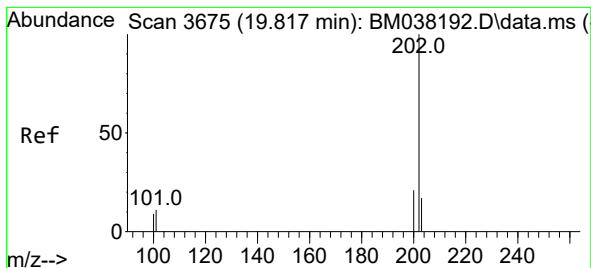
Tgt Ion:178 Resp: 5329
 Ion Ratio Lower Upper
 178 100
 179 18.8 13.0 19.6
 176 21.3 15.6 23.4



#19
 Fluoranthene
 Concen: 1.296 ng/ul
 RT: 19.454 min Scan# 3597
 Delta R.T. 0.000 min
 Lab File: BM038211.D
 Acq: 22 Dec 2022 23:09

Tgt Ion:202 Resp: 64980
 Ion Ratio Lower Upper
 202 100
 101 8.8 7.5 11.3
 100 6.8 5.6 8.4





#20

Pyrene

Concen: 1.060 ng/ul

RT: 19.817 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM038211.D

Acq: 22 Dec 2022 23:09

Instrument :

BNA_M

ClientSampleId :

DBXZ1DL

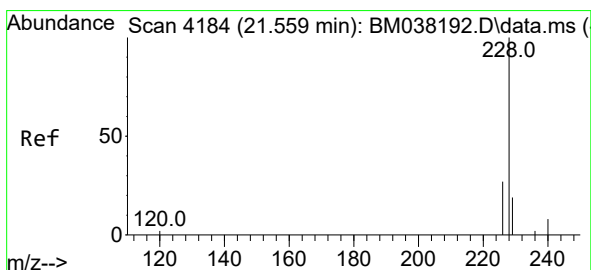
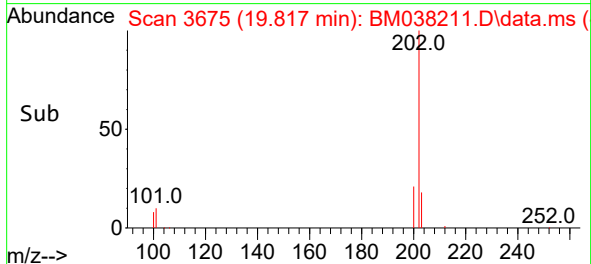
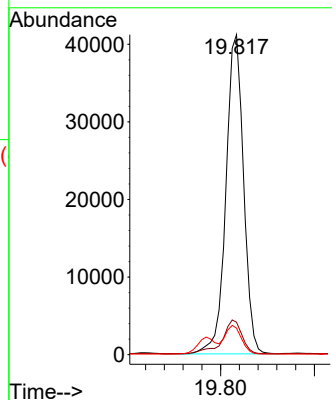
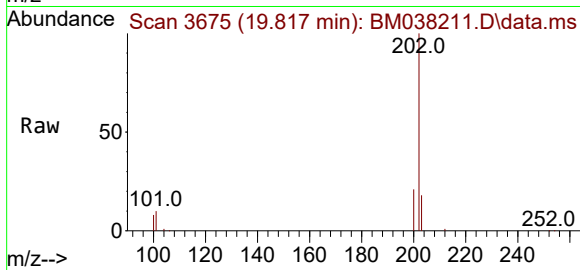
Tgt Ion:202 Resp: 53680

Ion Ratio Lower Upper

202 100

101 10.2 8.9 13.3

100 8.3 7.4 11.0



#21

Benzo(a)anthracene

Concen: 0.572 ng/ul

RT: 21.553 min Scan# 4182

Delta R.T. -0.006 min

Lab File: BM038211.D

Acq: 22 Dec 2022 23:09

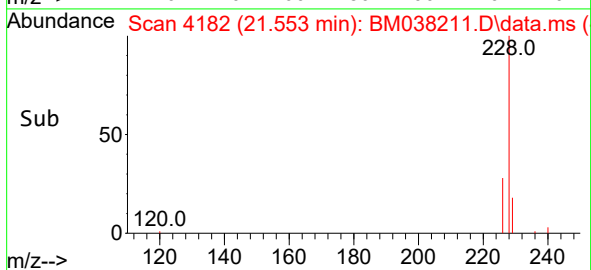
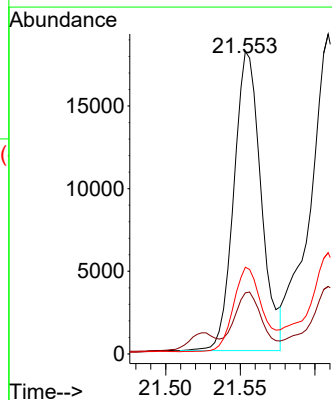
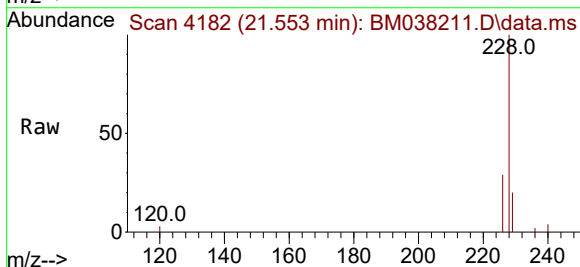
Tgt Ion:228 Resp: 22964

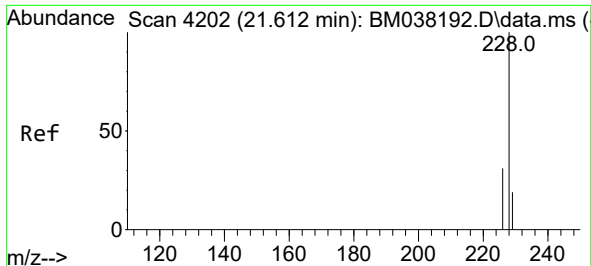
Ion Ratio Lower Upper

228 100

229 20.2 15.5 23.3

226 28.6 22.2 33.2





#22

Chrysene

Concen: 0.722 ng/ul

RT: 21.609 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM038211.D

Acq: 22 Dec 2022 23:09

Instrument :

BNA_M

ClientSampleId :

DBXZ1DL

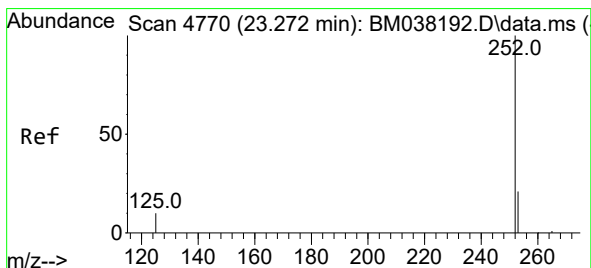
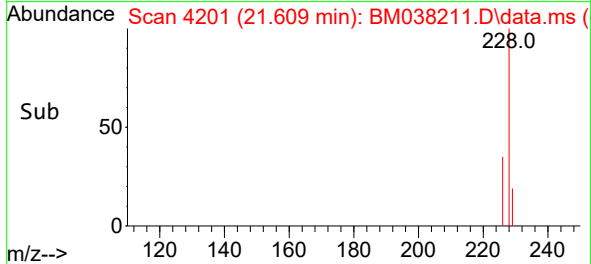
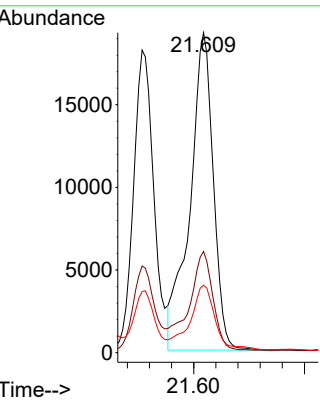
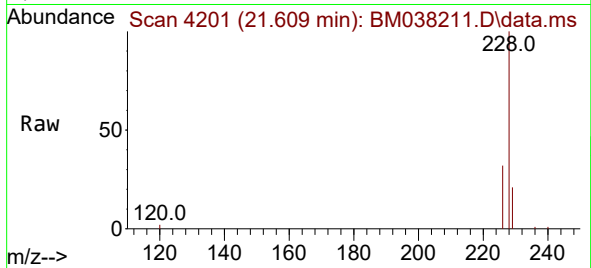
Tgt Ion:228 Resp: 28224

Ion Ratio Lower Upper

228 100

226 31.6 25.0 37.4

229 21.1 16.0 24.0



#24

Benzo(b)fluoranthene

Concen: 0.946 ng/ul

RT: 23.269 min Scan# 4769

Delta R.T. -0.003 min

Lab File: BM038211.D

Acq: 22 Dec 2022 23:09

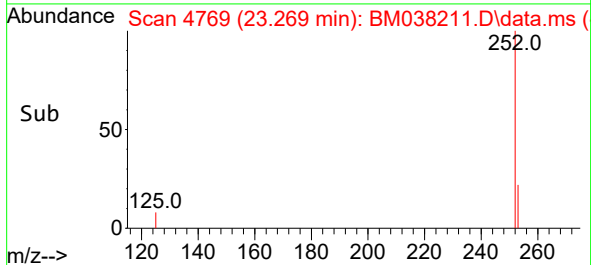
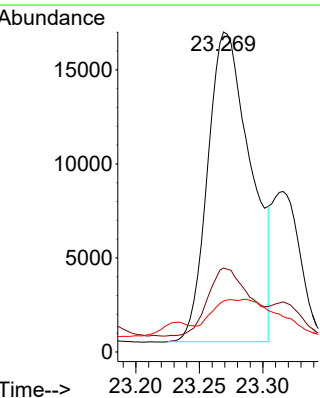
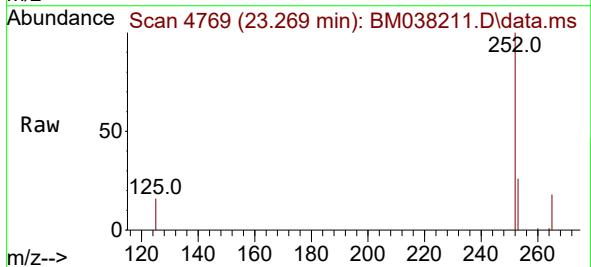
Tgt Ion:252 Resp: 38772

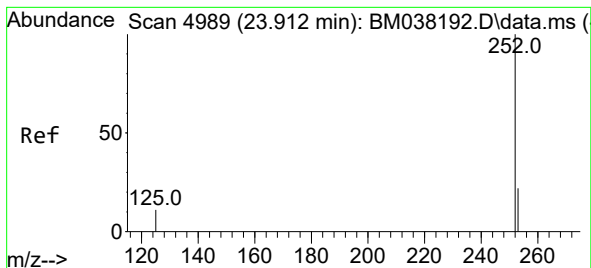
Ion Ratio Lower Upper

252 100

253 26.2 0.0 56.0

125 15.9 0.0 36.6





#26

Benzo(a)pyrene

Concen: 0.655 ng/ul

RT: 23.912 min Scan# 4989

Delta R.T. 0.000 min

Lab File: BM038211.D

Acq: 22 Dec 2022 23:09

Instrument :

BNA_M

ClientSampleId :

DBXZ1DL

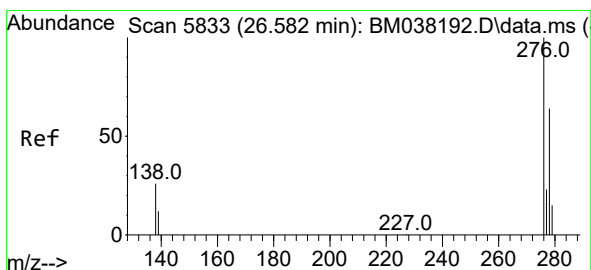
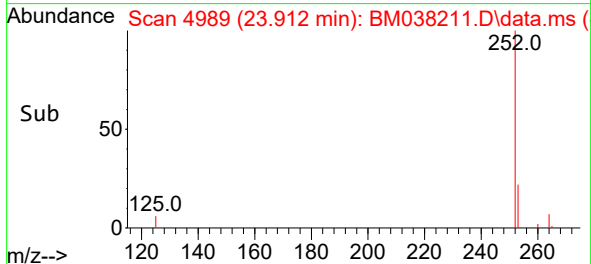
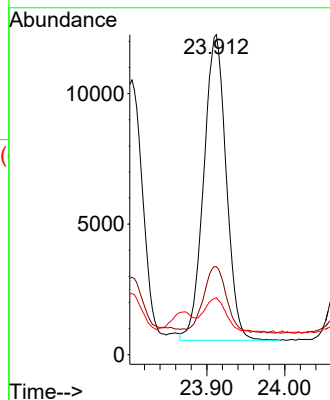
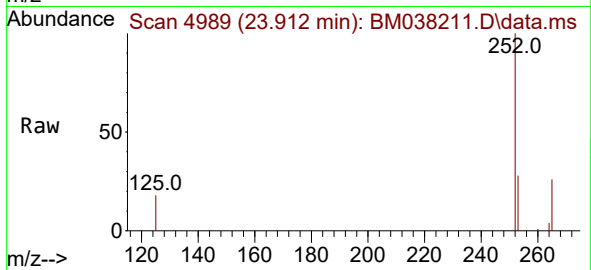
Tgt Ion:252 Resp: 23409

Ion Ratio Lower Upper

252 100

253 27.5 24.2 36.4

125 17.8 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.377 ng/ul

RT: 26.575 min Scan# 5831

Delta R.T. -0.007 min

Lab File: BM038211.D

Acq: 22 Dec 2022 23:09

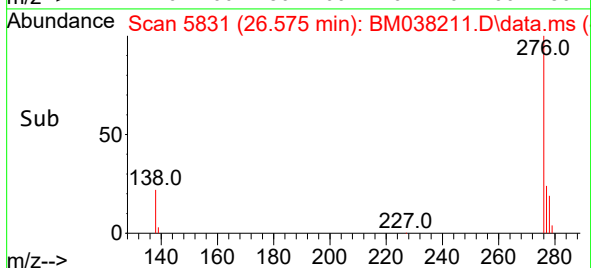
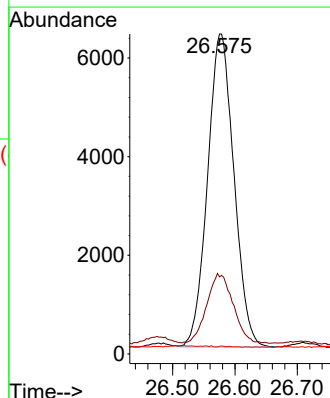
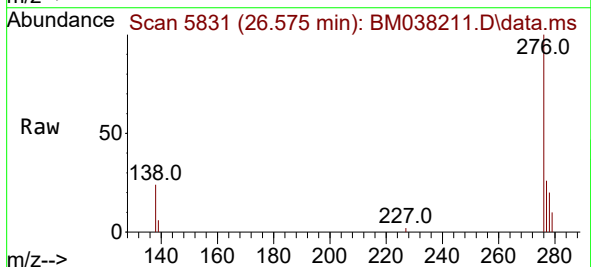
Tgt Ion:276 Resp: 18710

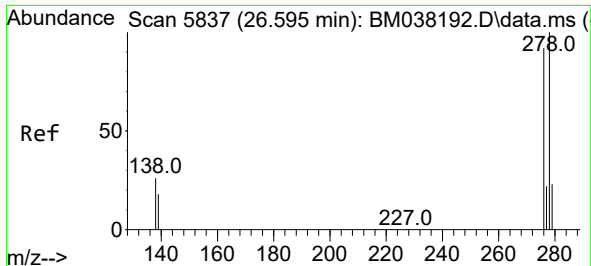
Ion Ratio Lower Upper

276 100

138 23.4 21.7 32.5

227 0.2 0.0 0.0#

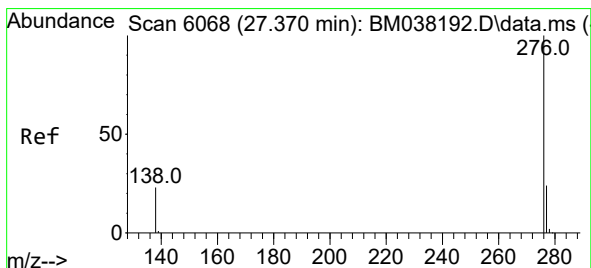
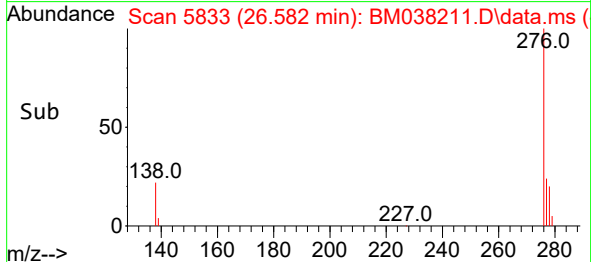
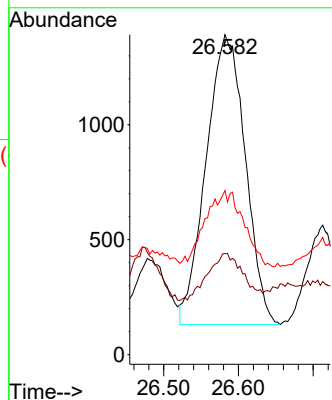
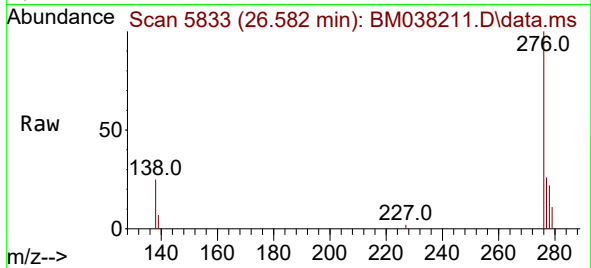




#28
Dibenzo(a,h)anthracene
Concen: 0.119 ng/ul
RT: 26.582 min Scan# 5833
Delta R.T. -0.013 min
Lab File: BM038211.D
Acq: 22 Dec 2022 23:09

Instrument :
BNA_M
ClientSampleId :
DBXZ1DL

Tgt Ion:278 Resp: 4596
Ion Ratio Lower Upper
278 100
139 31.6 16.8 25.2#
279 51.3 23.4 35.2#



#29
Benzo(g,h,i)perylene
Concen: 0.409 ng/ul
RT: 27.370 min Scan# 6068
Delta R.T. 0.000 min
Lab File: BM038211.D
Acq: 22 Dec 2022 23:09

Tgt Ion:276 Resp: 17085
Ion Ratio Lower Upper
276 100
138 26.4 20.8 31.2
277 25.8 20.5 30.7

