

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038214.D
 Acq On : 23 Dec 2022 01:00
 Operator : CG/JU
 Sample : N6008-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 23 01:50:13 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)

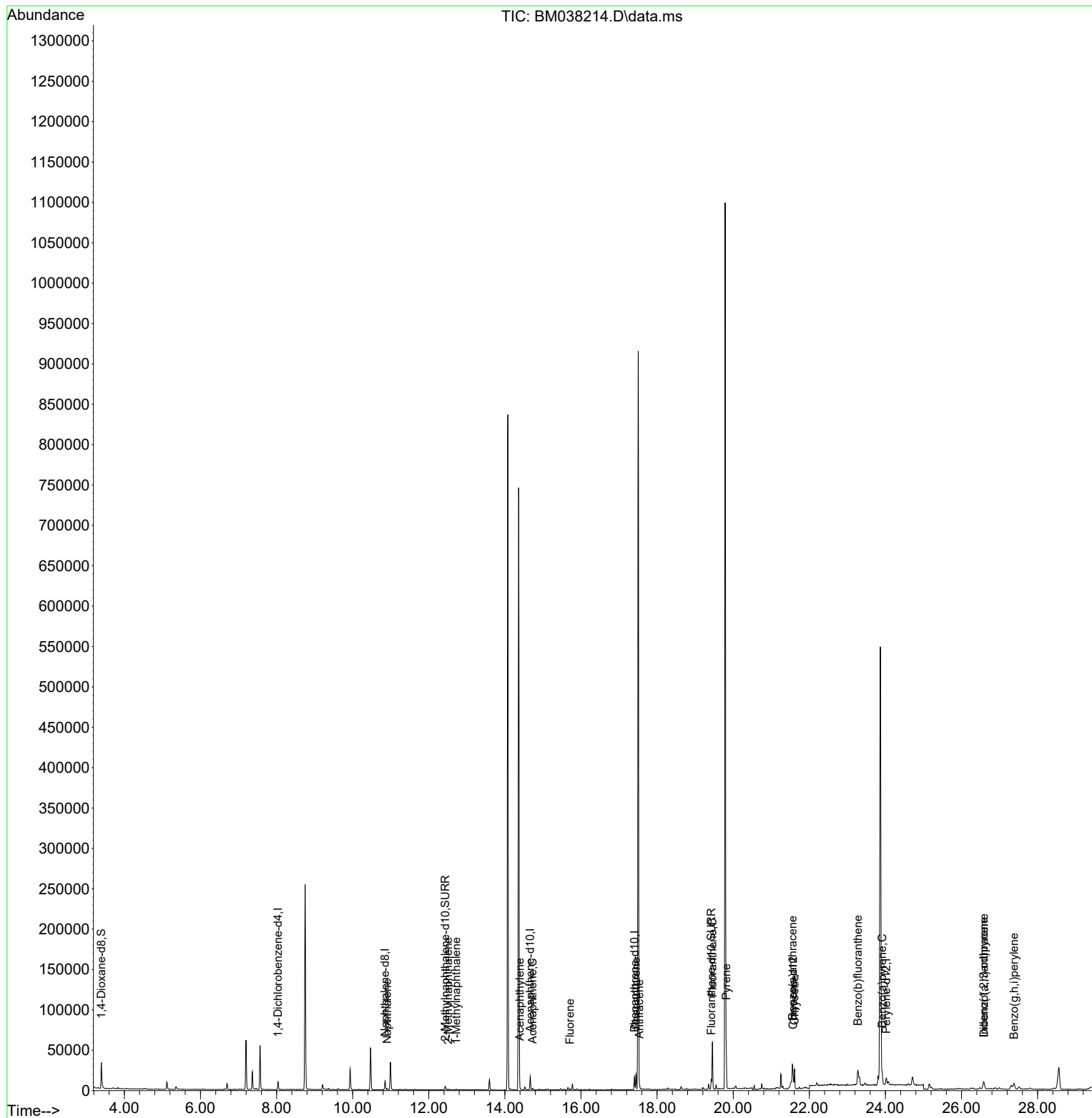
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	4842	0.400	ng/ul	0.00
4) Naphthalene-d8	10.851	136	14871	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	8566	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	17823	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	12520	0.400	ng/ul	# 0.00
23) Perylene-d12	24.023	264	11471	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.398	96	21206	4.305	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	5787	0.264	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	11594	0.247	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.906	128	1445	0.033	ng/ul#	85
7) 2-Methylnaphthalene	12.506	142	712	0.026	ng/ul	97
8) 1-Methylnaphthalene	12.720	142	562	0.020	ng/ul	99
10) Acenaphthylene	14.393	152	1174	0.025	ng/ul#	73
11) Acenaphthene	14.726	153	1049	0.031	ng/ul	97
12) Fluorene	15.712	166	864	0.024	ng/ul#	90
15) Phenanthrene	17.447	178	20160	0.338	ng/ul	100
16) Anthracene	17.536	178	4186	0.073	ng/ul#	92
19) Fluoranthene	19.455	202	49088	0.716	ng/ul	98
20) Pyrene	19.817	202	42780	0.617	ng/ul	100
21) Benzo(a)anthracene	21.556	228	21024	0.383	ng/ul#	91
22) Chrysene	21.612	228	23775	0.445	ng/ul	97
24) Benzo(b)fluoranthene	23.275	252	32453	0.639	ng/ul	99
26) Benzo(a)pyrene	23.915	252	20261	0.457	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.582	276	15896	0.259	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.589	278	3993	0.084	ng/ul#	48
29) Benzo(g,h,i)perylene	27.377	276	15814	0.306	ng/ul#	93

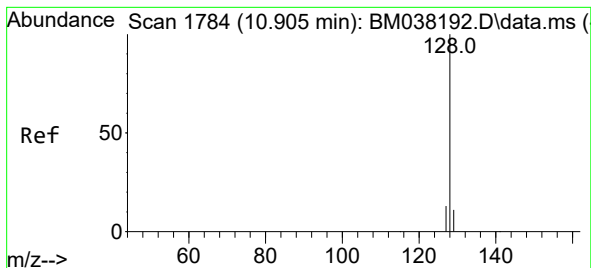
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.033 ng/ul

RT: 10.906 min Scan# 1

Delta R.T. 0.000 min

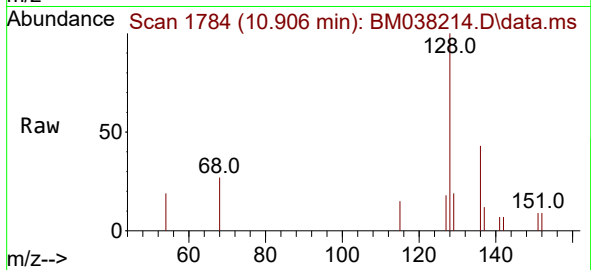
Lab File: BM038214.D

Acq: 23 Dec 2022 01:00

Instrument :

BNA_M

ClientSampleId :



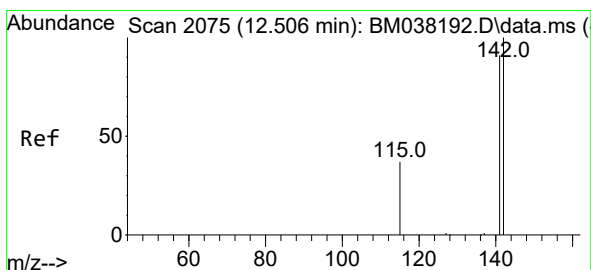
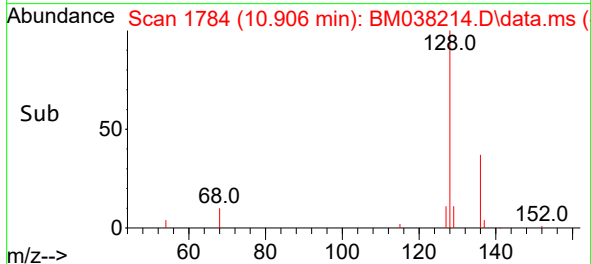
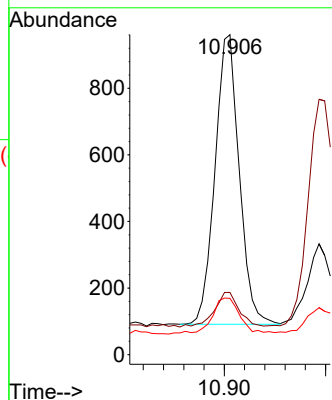
Tgt Ion:128 Resp: 1445

Ion Ratio Lower Upper

128 100

129 19.5 9.4 14.0#

127 17.6 10.7 16.1#



#7

2-Methylnaphthalene

Concen: 0.026 ng/ul

RT: 12.506 min Scan# 2075

Delta R.T. 0.000 min

Lab File: BM038214.D

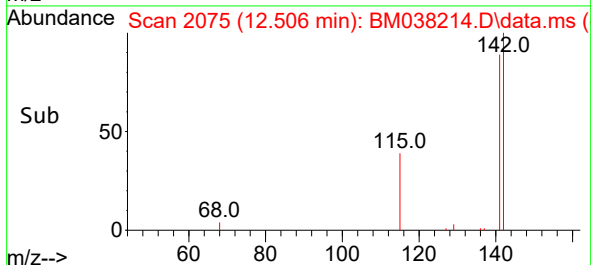
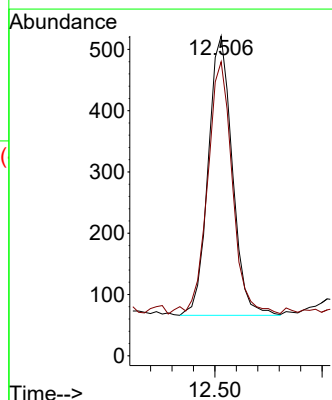
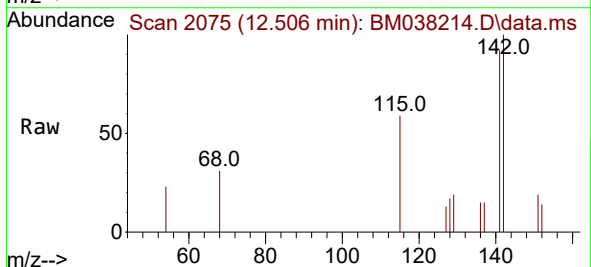
Acq: 23 Dec 2022 01:00

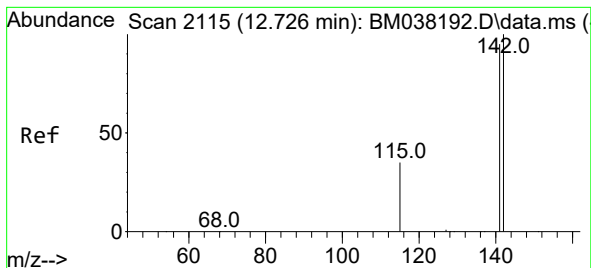
Tgt Ion:142 Resp: 712

Ion Ratio Lower Upper

142 100

141 93.0 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.020 ng/ul

RT: 12.720 min Scan# 2114

Delta R.T. -0.005 min

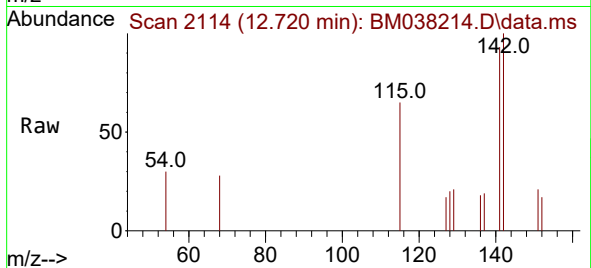
Lab File: BM038214.D

Acq: 23 Dec 2022 01:00

Instrument :

BNA_M

ClientSampleId :

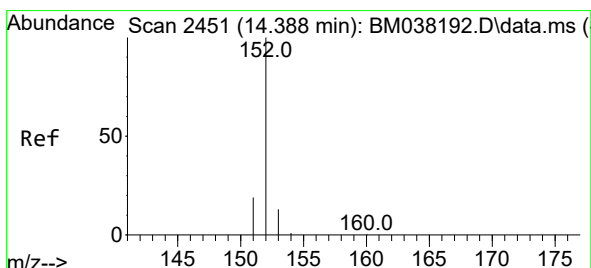
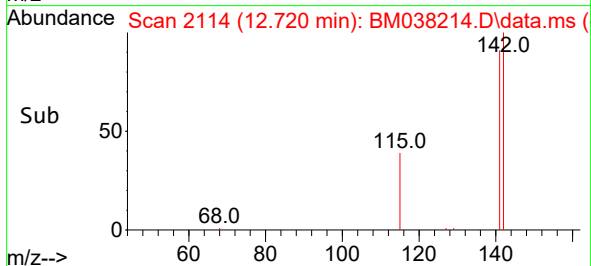
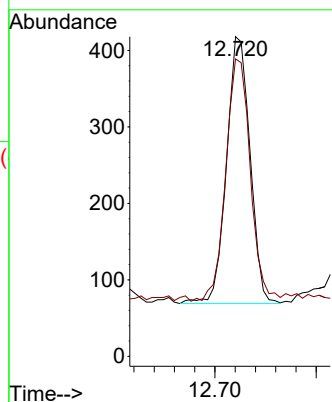


Tgt Ion:142 Resp: 562

Ion Ratio Lower Upper

142 100

141 94.8 74.7 112.1



#10

Acenaphthylene

Concen: 0.025 ng/ul

RT: 14.393 min Scan# 2452

Delta R.T. 0.005 min

Lab File: BM038214.D

Acq: 23 Dec 2022 01:00

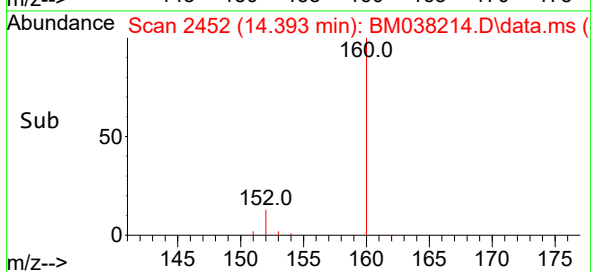
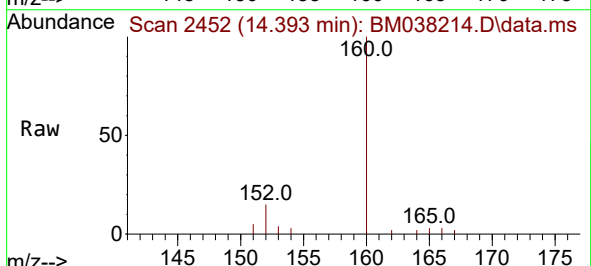
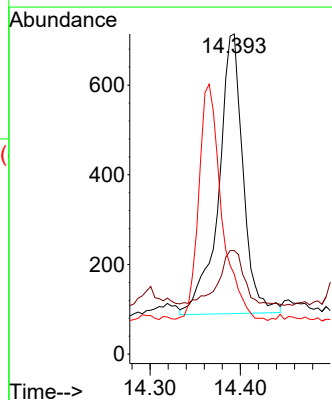
Tgt Ion:152 Resp: 1174

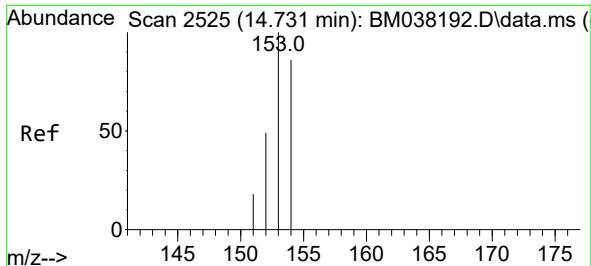
Ion Ratio Lower Upper

152 100

151 32.4 16.2 24.2#

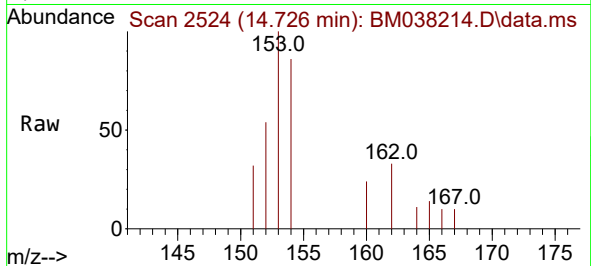
153 24.9 10.7 16.1#



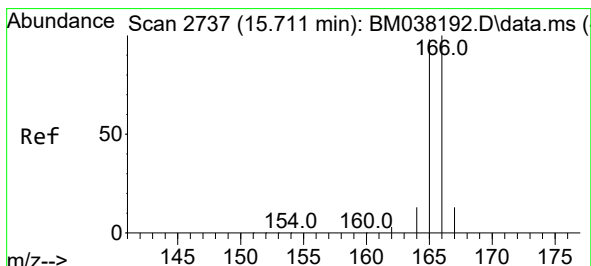
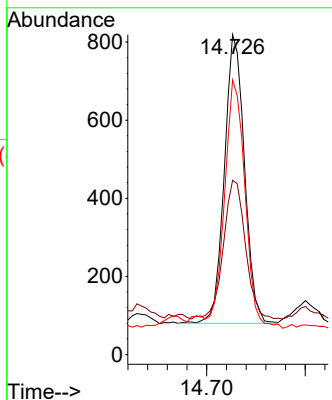
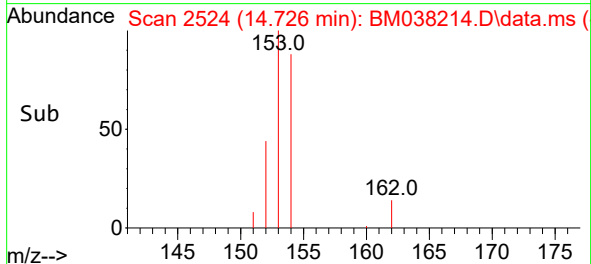


#11
Acenaphthene
Concen: 0.031 ng/ul
RT: 14.726 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM038214.D
Acq: 23 Dec 2022 01:00

Instrument :
BNA_M
ClientSampleId :

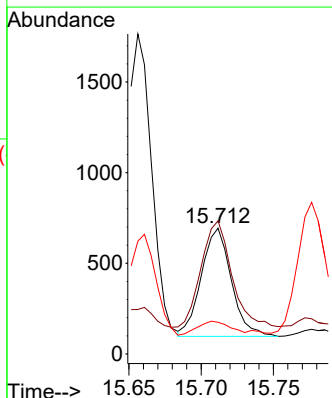
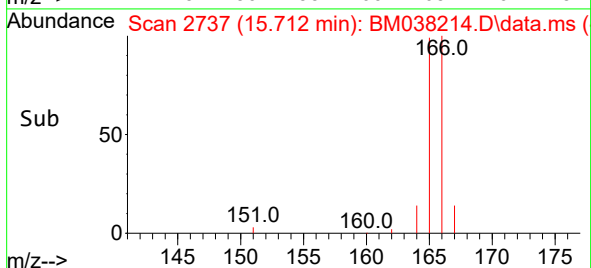
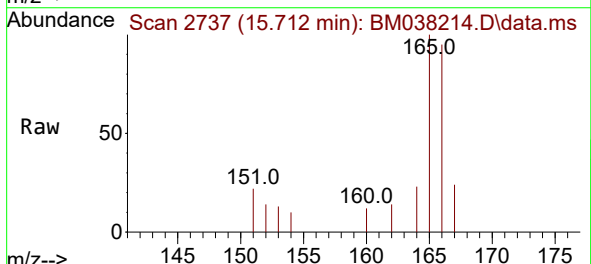


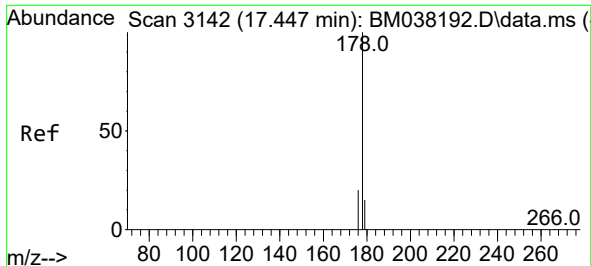
Tgt Ion:153 Resp: 1049
Ion Ratio Lower Upper
153 100
152 54.5 39.4 59.0
154 85.8 69.0 103.4



#12
Fluorene
Concen: 0.024 ng/ul
RT: 15.712 min Scan# 2737
Delta R.T. 0.000 min
Lab File: BM038214.D
Acq: 23 Dec 2022 01:00

Tgt Ion:166 Resp: 864
Ion Ratio Lower Upper
166 100
165 105.8 79.0 118.6
167 25.2 11.0 16.6#

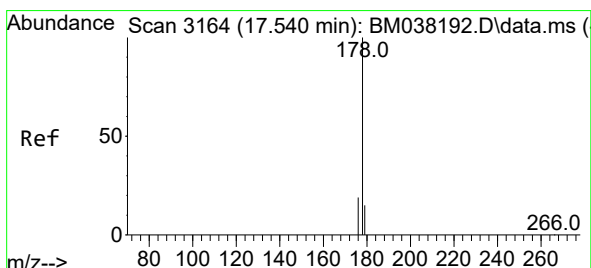
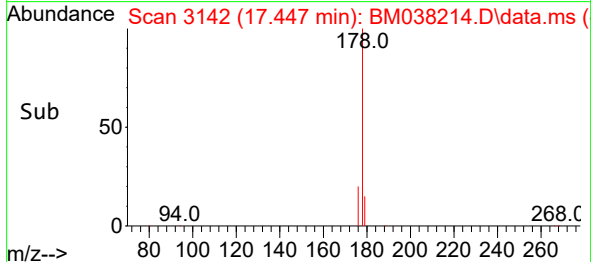
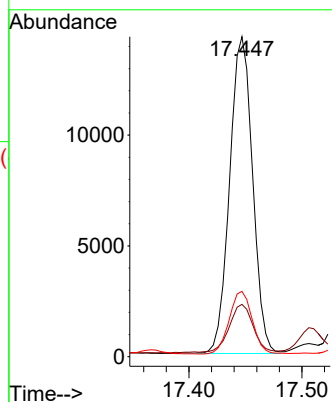
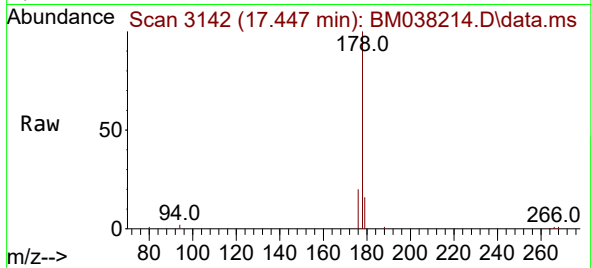




#15
Phenanthrene
Concen: 0.338 ng/ul
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038214.D
Acq: 23 Dec 2022 01:00

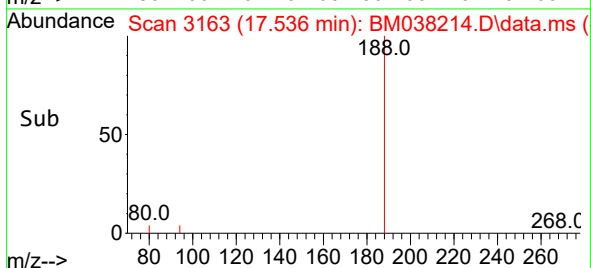
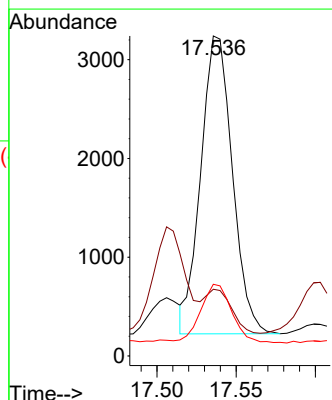
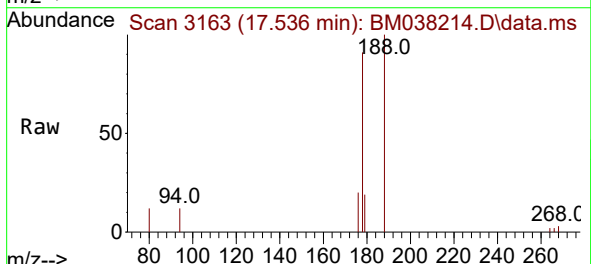
Instrument :
BNA_M
ClientSampleId :

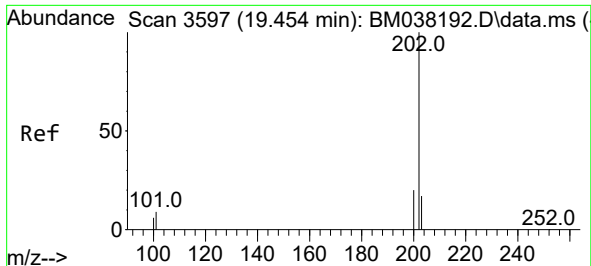
Tgt Ion:178 Resp: 20160
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.4
176 20.4 16.2 24.4



#16
Anthracene
Concen: 0.073 ng/ul
RT: 17.536 min Scan# 3163
Delta R.T. -0.004 min
Lab File: BM038214.D
Acq: 23 Dec 2022 01:00

Tgt Ion:178 Resp: 4186
Ion Ratio Lower Upper
178 100
179 20.9 13.0 19.6#
176 22.4 15.6 23.4

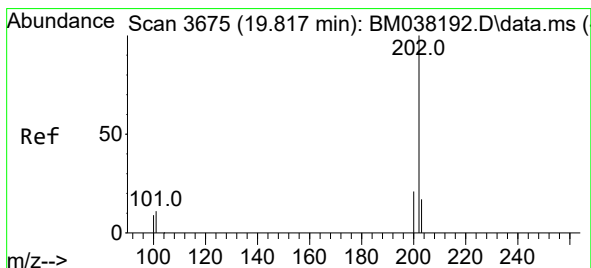
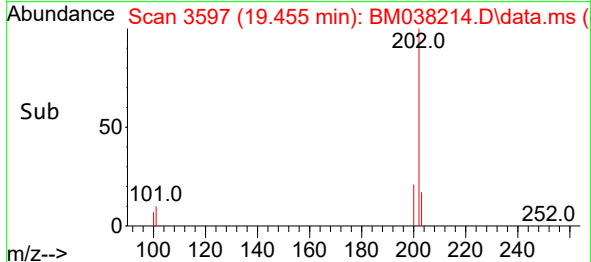
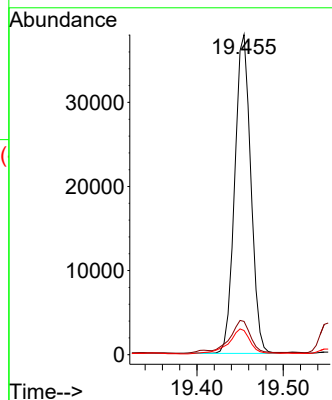
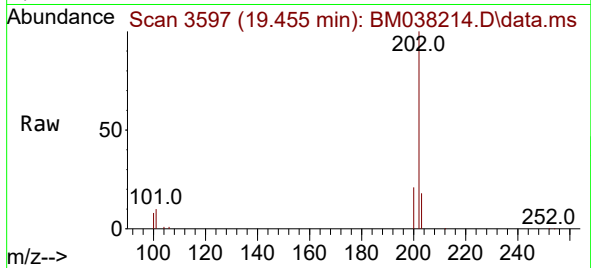




#19
Fluoranthene
Concen: 0.716 ng/ul
RT: 19.455 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038214.D
Acq: 23 Dec 2022 01:00

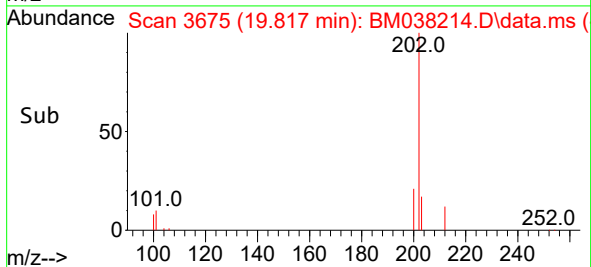
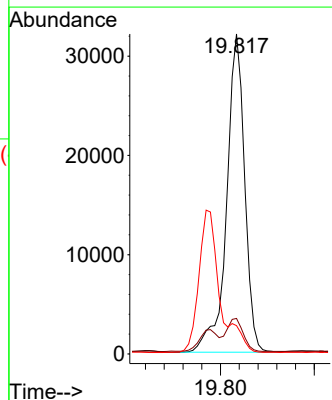
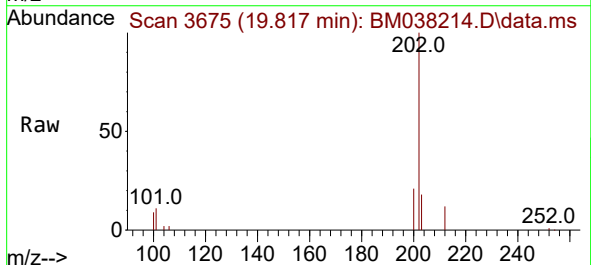
Instrument :
BNA_M
ClientSampleId :

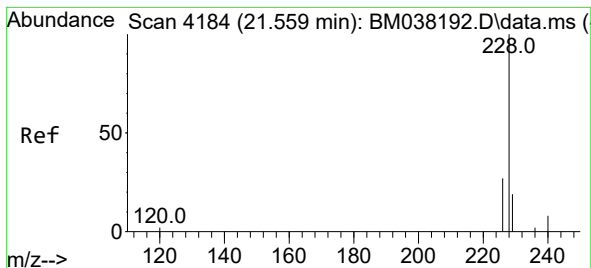
Tgt Ion:202 Resp: 49088
Ion Ratio Lower Upper
202 100
101 10.4 7.5 11.3
100 7.6 5.6 8.4



#20
Pyrene
Concen: 0.617 ng/ul
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038214.D
Acq: 23 Dec 2022 01:00

Tgt Ion:202 Resp: 42780
Ion Ratio Lower Upper
202 100
101 11.1 8.9 13.3
100 8.9 7.4 11.0





#21

Benzo(a)anthracene

Concen: 0.383 ng/ul

RT: 21.556 min Scan# 4184

Delta R.T. -0.003 min

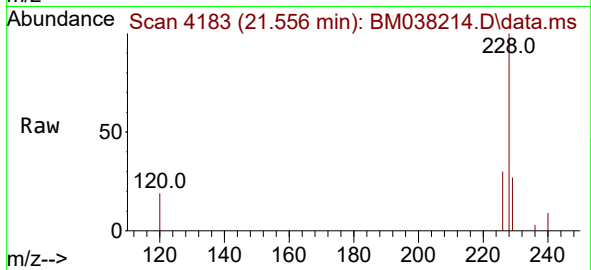
Lab File: BM038214.D

Acq: 23 Dec 2022 01:00

Instrument :

BNA_M

ClientSampleId :



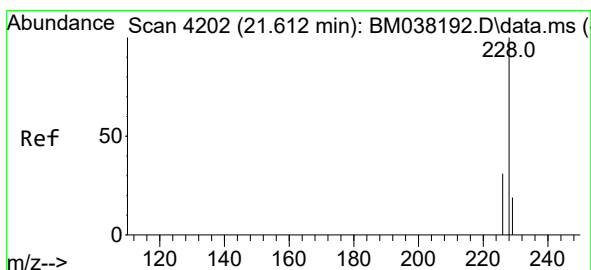
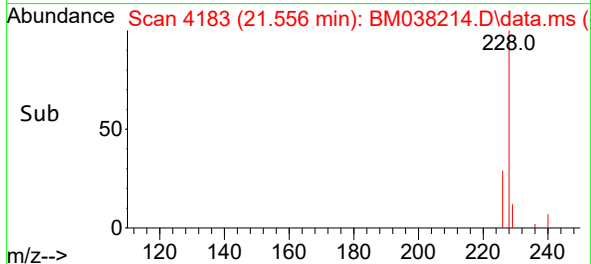
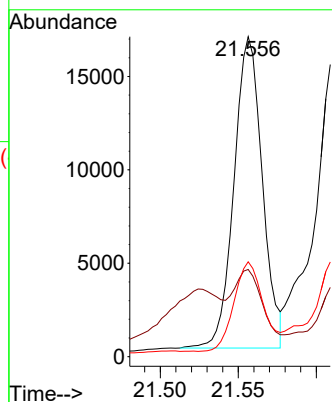
Tgt Ion:228 Resp: 21024

Ion Ratio Lower Upper

228 100

229 27.3 15.5 23.3#

226 29.7 22.2 33.2



#22

Chrysene

Concen: 0.445 ng/ul

RT: 21.612 min Scan# 4202

Delta R.T. 0.000 min

Lab File: BM038214.D

Acq: 23 Dec 2022 01:00

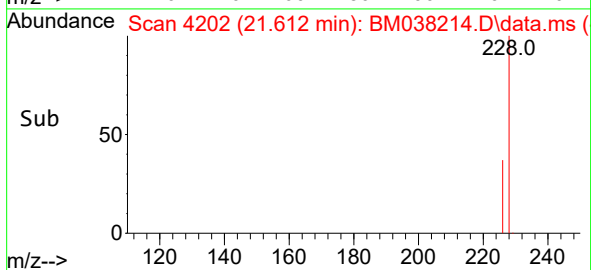
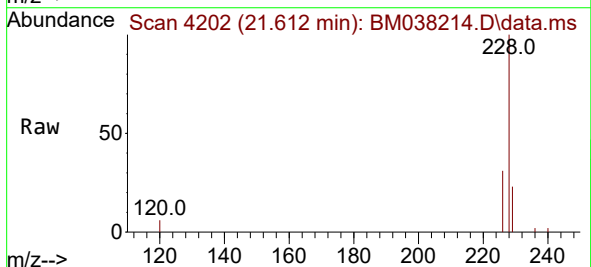
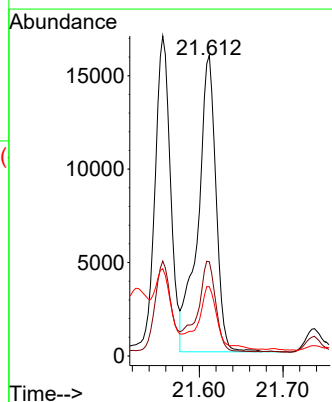
Tgt Ion:228 Resp: 23775

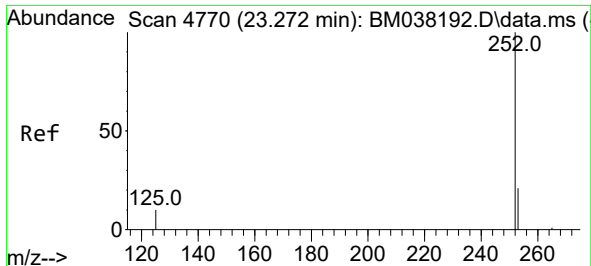
Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.4

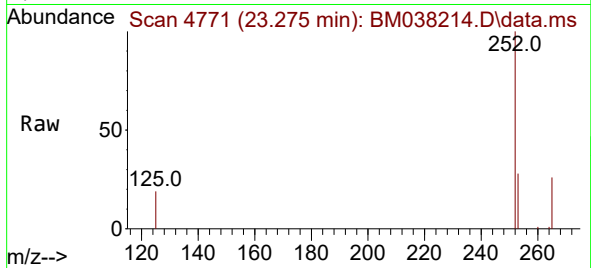
229 23.0 16.0 24.0



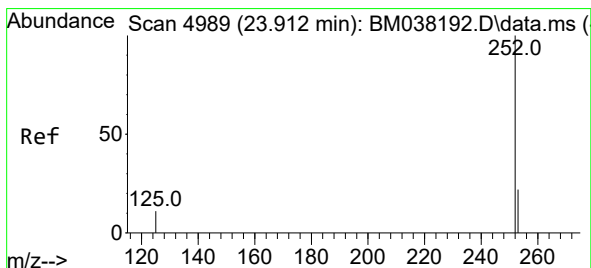
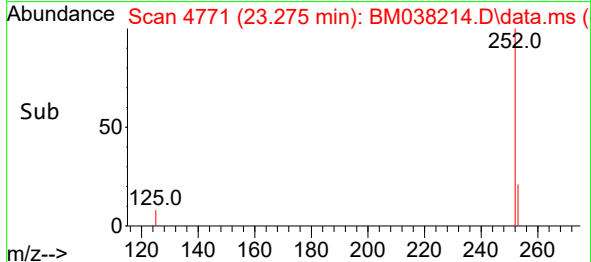
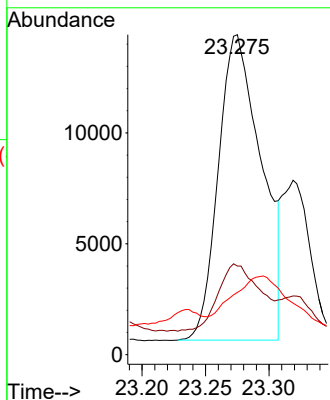


#24
Benzo(b)fluoranthene
Concen: 0.639 ng/ul
RT: 23.275 min Scan# 4770
Delta R.T. 0.003 min
Lab File: BM038214.D
Acq: 23 Dec 2022 01:00

Instrument :
BNA_M
ClientSampleId :

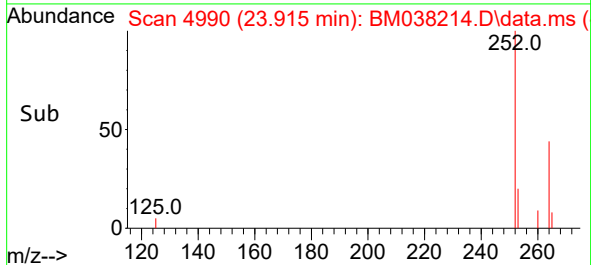
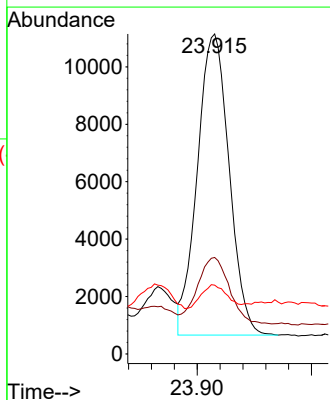
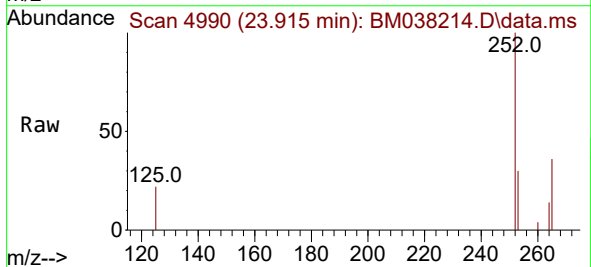


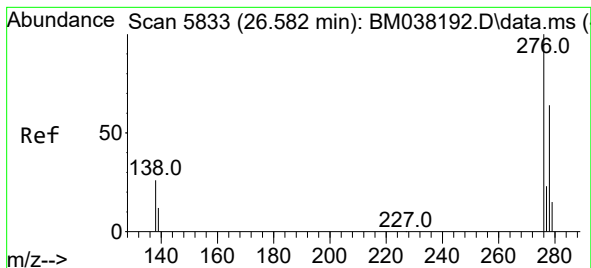
Tgt Ion:252 Resp: 32453
Ion Ratio Lower Upper
252 100
253 27.7 0.0 56.0
125 19.5 0.0 36.6



#26
Benzo(a)pyrene
Concen: 0.457 ng/ul
RT: 23.915 min Scan# 4990
Delta R.T. 0.003 min
Lab File: BM038214.D
Acq: 23 Dec 2022 01:00

Tgt Ion:252 Resp: 20261
Ion Ratio Lower Upper
252 100
253 30.1 24.2 36.4
125 21.5 17.3 25.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.259 ng/ul

RT: 26.582 min Scan# 5833

Delta R.T. 0.000 min

Lab File: BM038214.D

Acq: 23 Dec 2022 01:00

Instrument :

BNA_M

ClientSampleId :

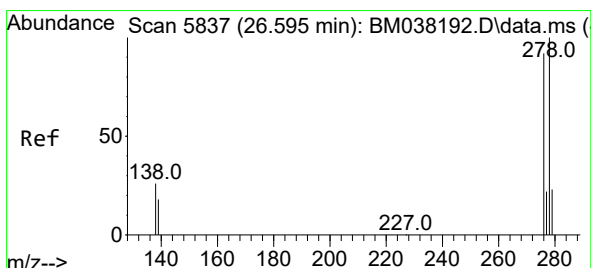
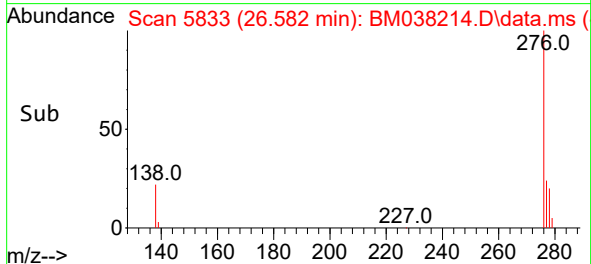
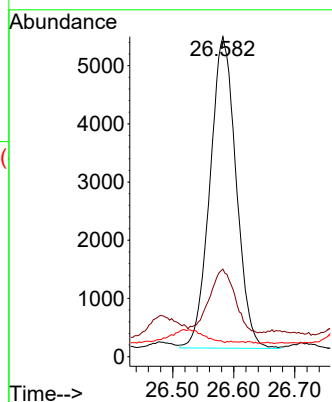
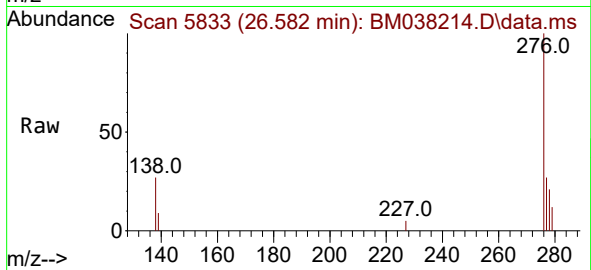
Tgt Ion:276 Resp: 15896

Ion Ratio Lower Upper

276 100

138 22.3 21.7 32.5

227 0.3 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.084 ng/ul

RT: 26.589 min Scan# 5835

Delta R.T. -0.007 min

Lab File: BM038214.D

Acq: 23 Dec 2022 01:00

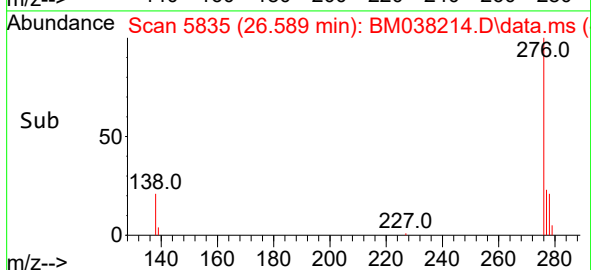
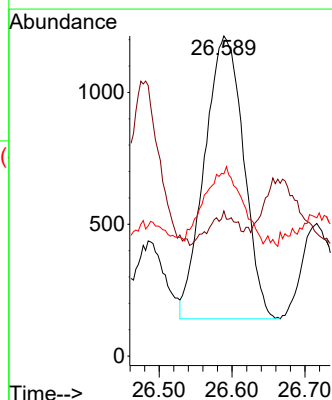
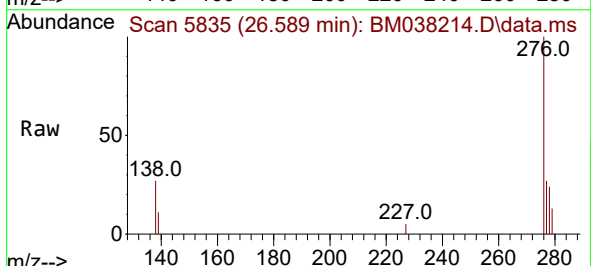
Tgt Ion:278 Resp: 3993

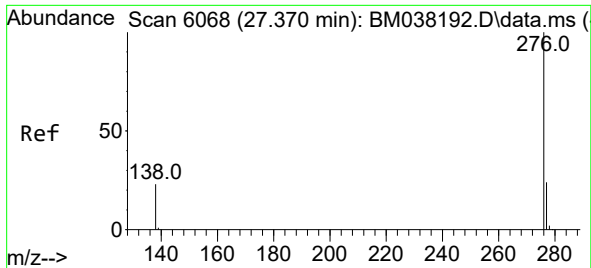
Ion Ratio Lower Upper

278 100

139 45.3 16.8 25.2#

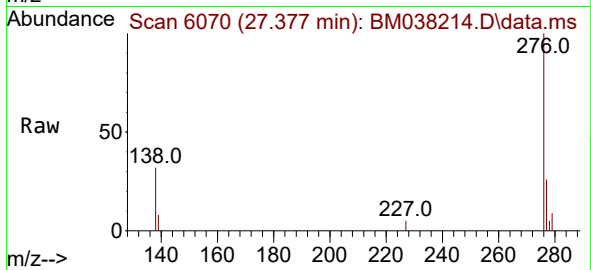
279 56.9 23.4 35.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.306 ng/ul
 RT: 27.377 min Scan# 60
 Delta R.T. 0.007 min
 Lab File: BM038214.D
 Acq: 23 Dec 2022 01:00

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:276 Resp: 15814
 Ion Ratio Lower Upper
 276 100
 138 32.5 20.8 31.2#
 277 26.1 20.5 30.7

