

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038228.D
 Acq On : 23 Dec 2022 11:43
 Operator : CG/JU
 Sample : N6014-14
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 23 23:22:49 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)

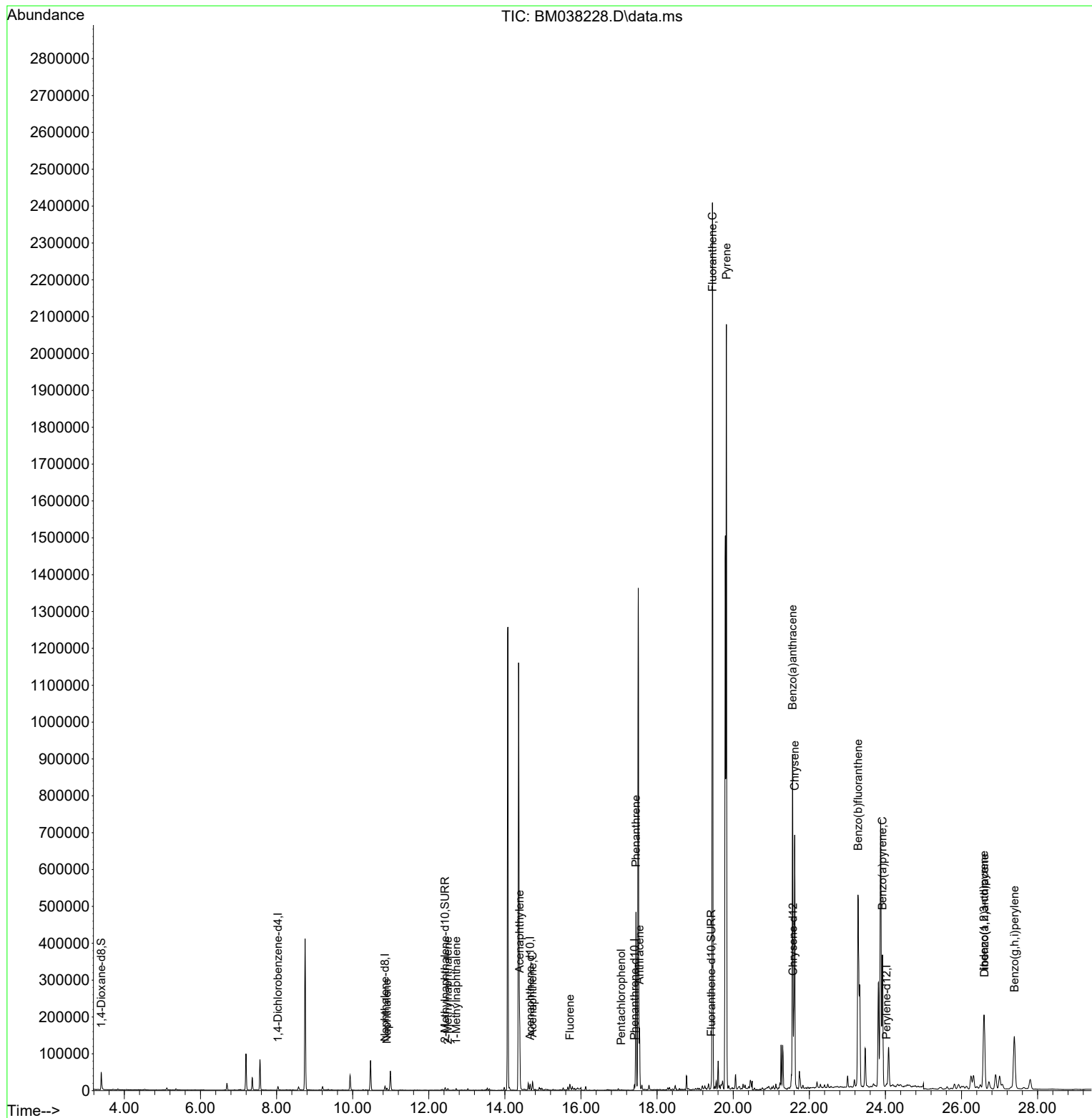
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	4902	0.400	ng/ul	0.00
4) Naphthalene-d8	10.851	136	14729	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	8619	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	16785	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	10156	0.400	ng/ul	# 0.00
23) Perylene-d12	24.029	264	10574	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	30097	6.036	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	8667	0.400	ng/ul	0.00
18) Fluoranthene-d10	19.427	212	15625	0.410	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.900	128	6939	0.161	ng/ul	97
7) 2-Methylnaphthalene	12.500	142	2847	0.106	ng/ul	100
8) 1-Methylnaphthalene	12.720	142	2846	0.104	ng/ul	98
10) Acenaphthylene	14.389	152	202735	4.262	ng/ul	99
11) Acenaphthene	14.726	153	11043	0.325	ng/ul	99
12) Fluorene	15.712	166	10554	0.287	ng/ul	99
14) Pentachlorophenol	17.059	266	302	0.036	ng/ul	95
15) Phenanthrene	17.447	178	481800	8.577	ng/ul	98
16) Anthracene	17.540	178	171286	3.175	ng/ul	99
19) Fluoranthene	19.455	202	2015707	36.227	ng/ul	99
20) Pyrene	19.822	202	1666808	29.646	ng/ul	95
21) Benzo(a)anthracene	21.559	228	757231	16.999	ng/ul	98
22) Chrysene	21.615	228	679320	15.668	ng/ul	98
24) Benzo(b)fluoranthene	23.281	252	919012	19.635	ng/ul	87
26) Benzo(a)pyrene	23.921	252	509724	12.481	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.589	276	360430	6.364	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.602	278	90110	2.048	ng/ul	96
29) Benzo(g,h,i)perylene	27.390	276	324327	6.805	ng/ul	94

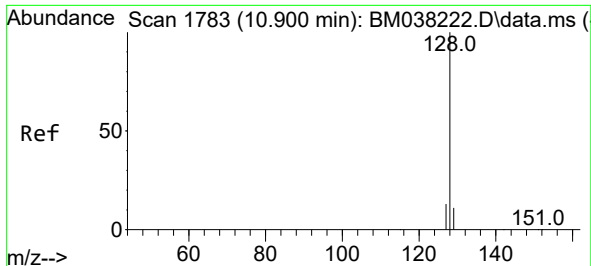
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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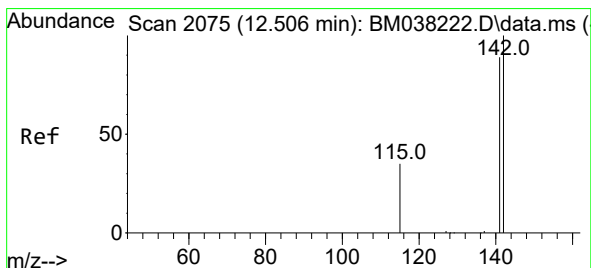
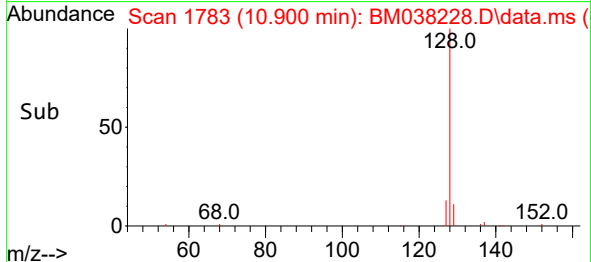
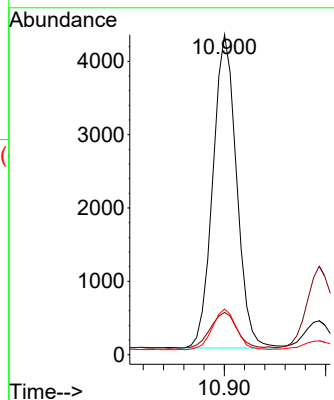
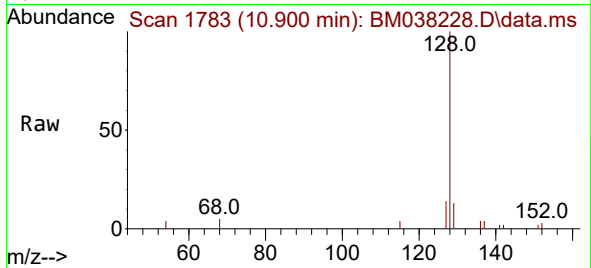




#5
Naphthalene
Concen: 0.161 ng/ul
RT: 10.900 min Scan# 1783
Delta R.T. -0.005 min
Lab File: BM038228.D
Acq: 23 Dec 2022 11:43

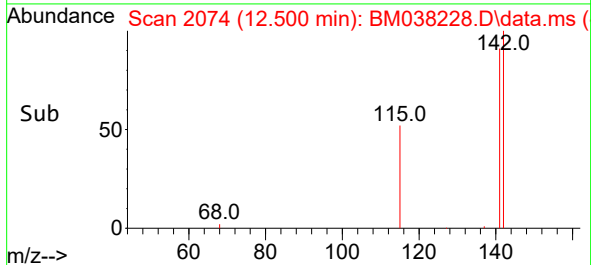
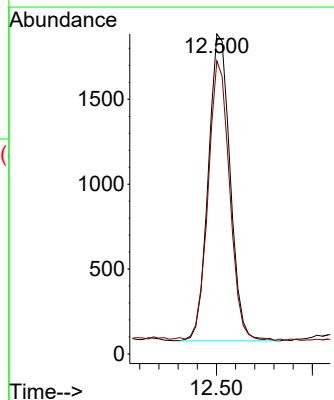
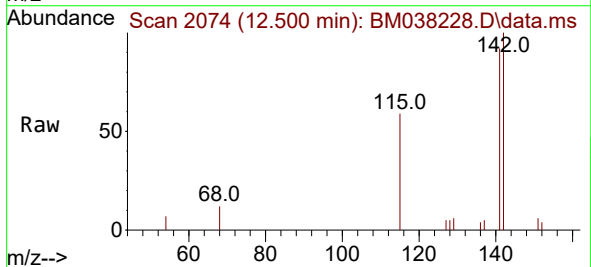
Instrument :
BNA_M
ClientSampleId :

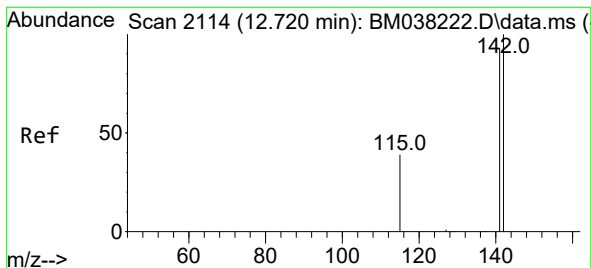
Tgt Ion:128 Resp: 6939
Ion Ratio Lower Upper
128 100
129 13.2 9.4 14.0
127 14.2 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.106 ng/ul
RT: 12.500 min Scan# 2074
Delta R.T. -0.005 min
Lab File: BM038228.D
Acq: 23 Dec 2022 11:43

Tgt Ion:142 Resp: 2847
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9

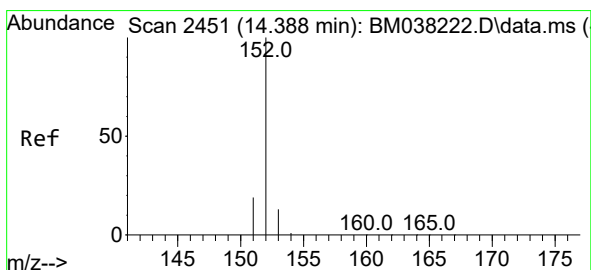
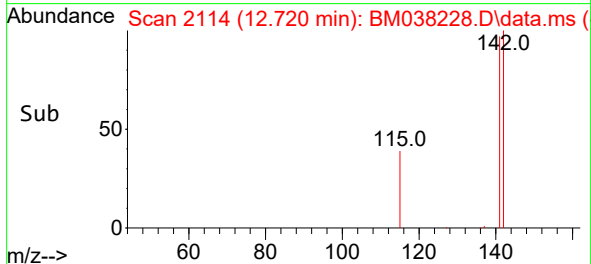
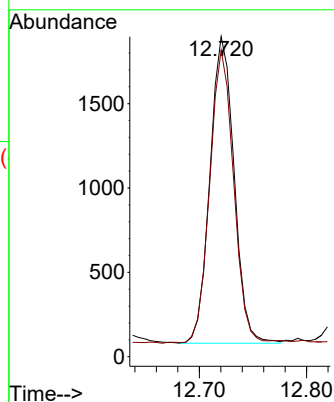
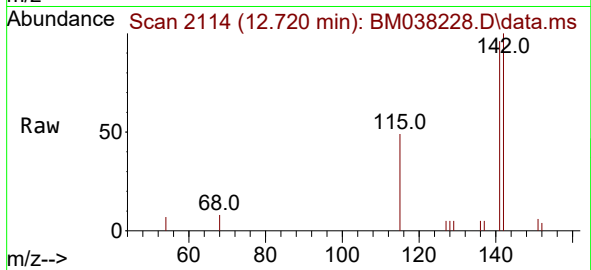




#8
1-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 12.720 min Scan# 2114
Delta R.T. -0.005 min
Lab File: BM038228.D
Acq: 23 Dec 2022 11:43

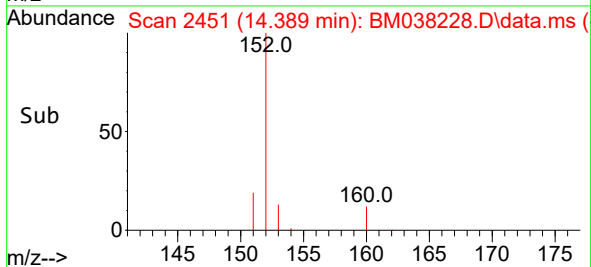
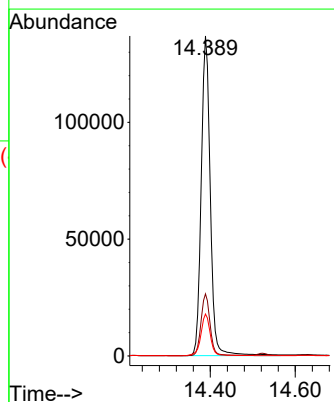
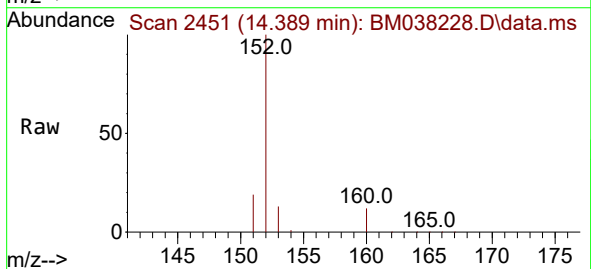
Instrument :
BNA_M
ClientSampleId :

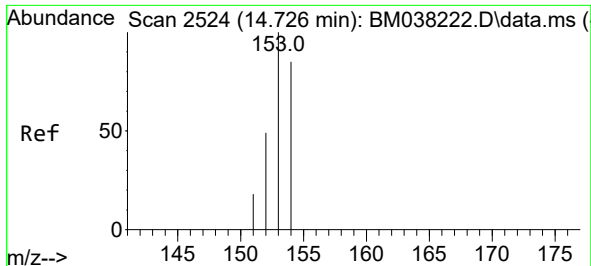
Tgt Ion:142 Resp: 2846
Ion Ratio Lower Upper
142 100
141 95.0 74.7 112.1



#10
Acenaphthylene
Concen: 4.262 ng/ul
RT: 14.389 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038228.D
Acq: 23 Dec 2022 11:43

Tgt Ion:152 Resp: 202735
Ion Ratio Lower Upper
152 100
151 19.4 16.2 24.2
153 13.1 10.7 16.1

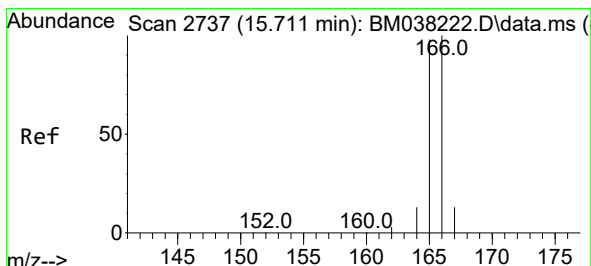
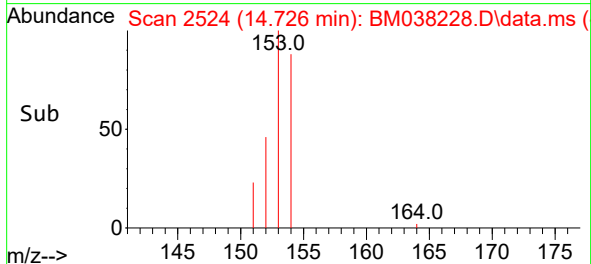
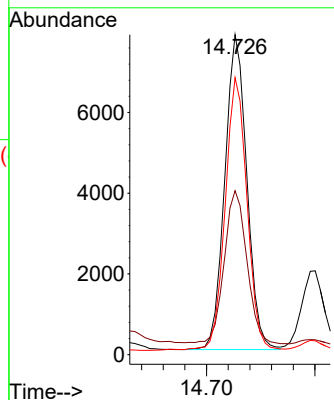
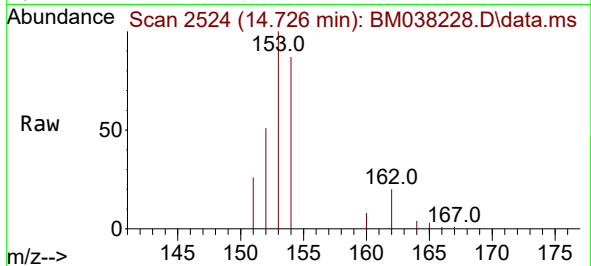




#11
Acenaphthene
Concen: 0.325 ng/ul
RT: 14.726 min Scan# 2524
Delta R.T. -0.004 min
Lab File: BM038228.D
Acq: 23 Dec 2022 11:43

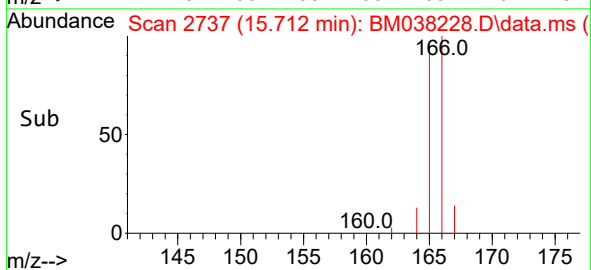
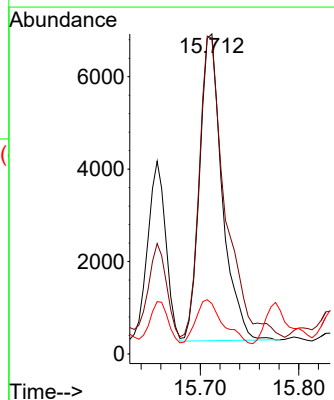
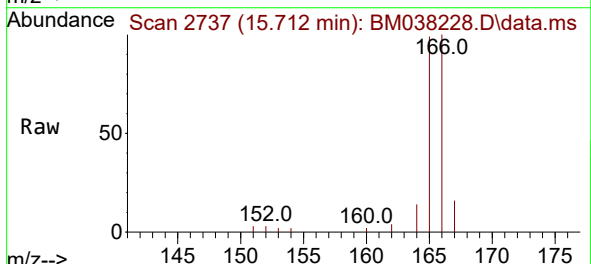
Instrument :
BNA_M
ClientSampleId :

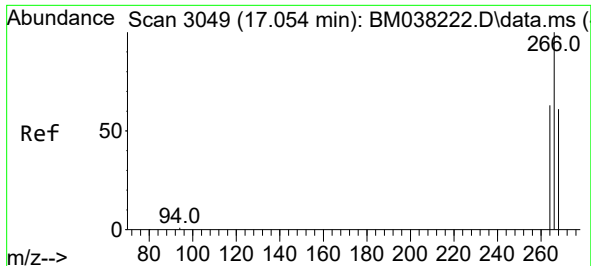
Tgt Ion:153 Resp: 11043
Ion Ratio Lower Upper
153 100
152 51.3 39.4 59.0
154 86.5 69.0 103.4



#12
Fluorene
Concen: 0.287 ng/ul
RT: 15.712 min Scan# 2737
Delta R.T. 0.000 min
Lab File: BM038228.D
Acq: 23 Dec 2022 11:43

Tgt Ion:166 Resp: 10554
Ion Ratio Lower Upper
166 100
165 98.7 79.0 118.6
167 15.7 11.0 16.6

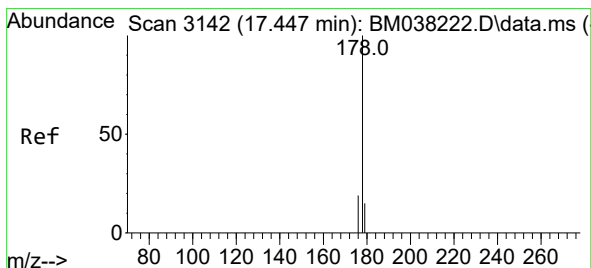
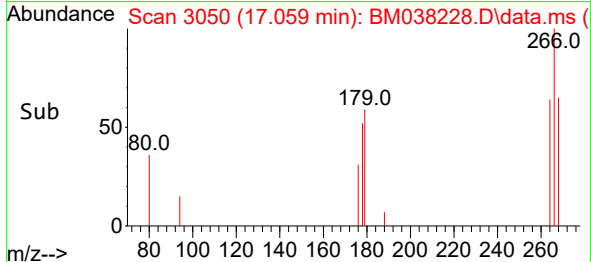
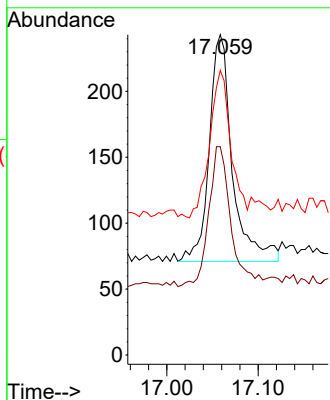
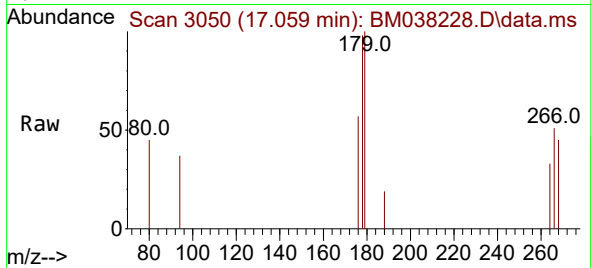




#14
 Pentachlorophenol
 Concen: 0.036 ng/ul
 RT: 17.059 min Scan# 3049
 Delta R.T. 0.000 min
 Lab File: BM038228.D
 Acq: 23 Dec 2022 11:43

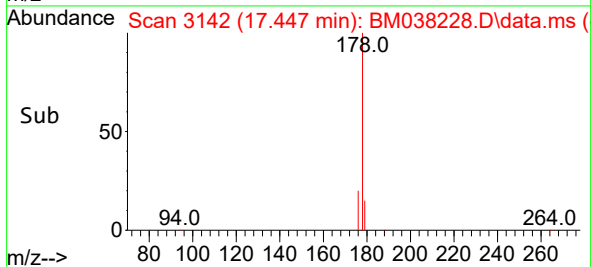
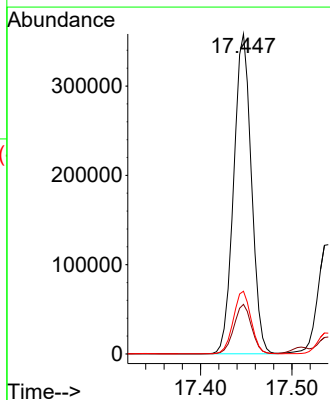
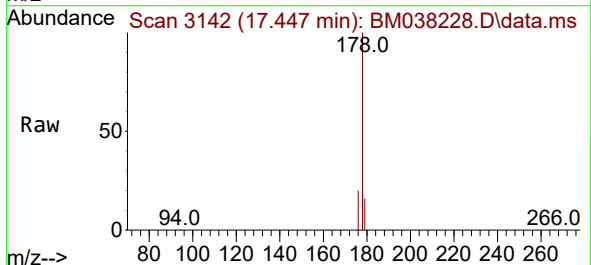
Instrument :
 BNA_M
 ClientSampleId :

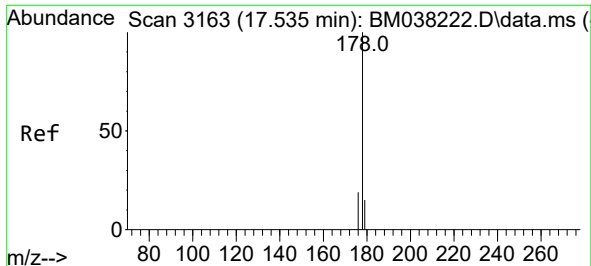
Tgt Ion:266 Resp: 302
 Ion Ratio Lower Upper
 266 100
 264 59.6 49.9 74.9
 268 59.3 51.2 76.8



#15
 Phenanthrene
 Concen: 8.577 ng/ul
 RT: 17.447 min Scan# 3142
 Delta R.T. 0.000 min
 Lab File: BM038228.D
 Acq: 23 Dec 2022 11:43

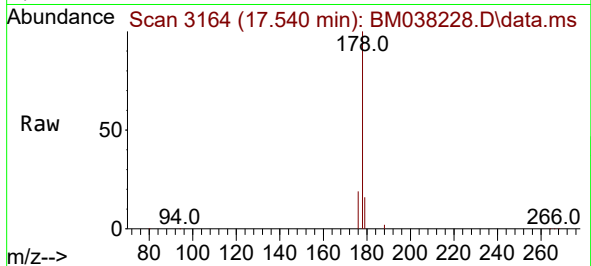
Tgt Ion:178 Resp: 481800
 Ion Ratio Lower Upper
 178 100
 179 15.5 13.0 19.4
 176 19.6 16.2 24.4



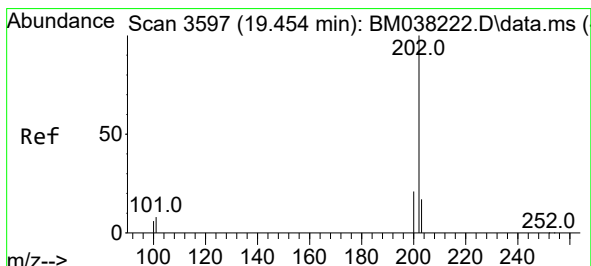
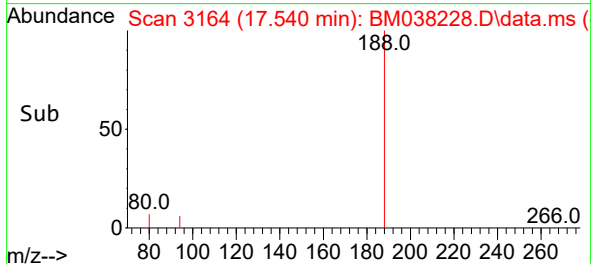
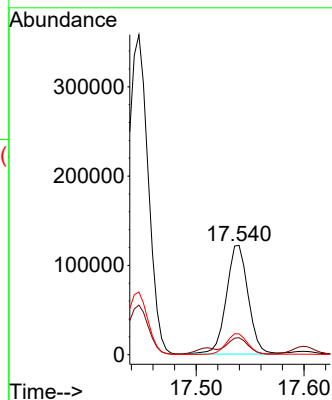


#16
 Anthracene
 Concen: 3.175 ng/ul
 RT: 17.540 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: BM038228.D
 Acq: 23 Dec 2022 11:43

Instrument :
 BNA_M
 ClientSampleId :

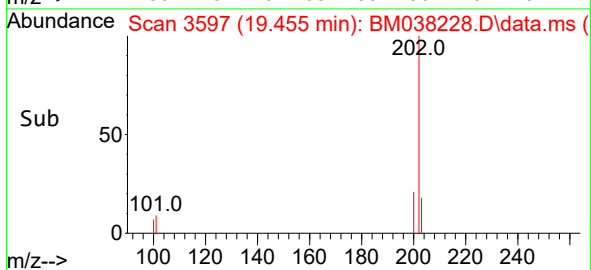
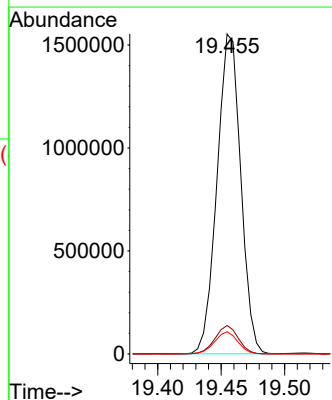
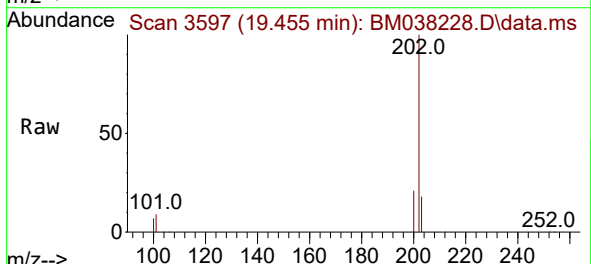


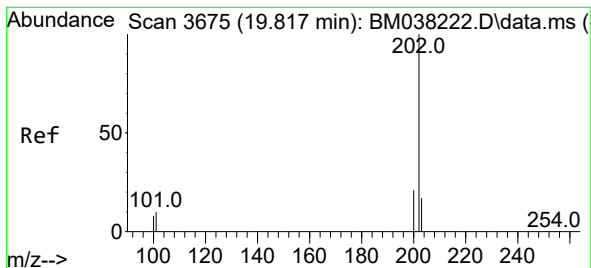
Tgt Ion:178 Resp: 171286
 Ion Ratio Lower Upper
 178 100
 179 15.6 13.0 19.6
 176 19.1 15.6 23.4



#19
 Fluoranthene
 Concen: 36.227 ng/ul
 RT: 19.455 min Scan# 3597
 Delta R.T. 0.000 min
 Lab File: BM038228.D
 Acq: 23 Dec 2022 11:43

Tgt Ion:202 Resp: 2015707
 Ion Ratio Lower Upper
 202 100
 101 8.9 7.5 11.3
 100 6.9 5.6 8.4





#20

Pyrene

Concen: 29.646 ng/ul

RT: 19.822 min Scan# 3

Delta R.T. 0.005 min

Lab File: BM038228.D

Acq: 23 Dec 2022 11:43

Instrument :

BNA_M

ClientSampleId :

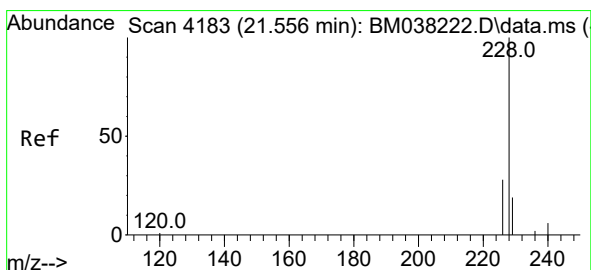
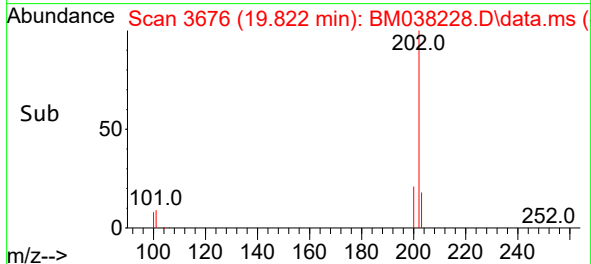
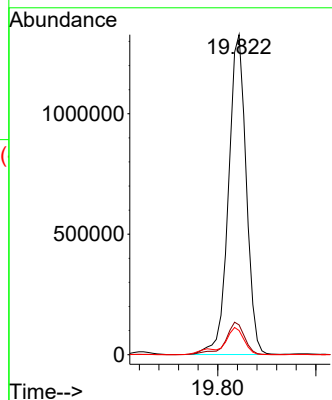
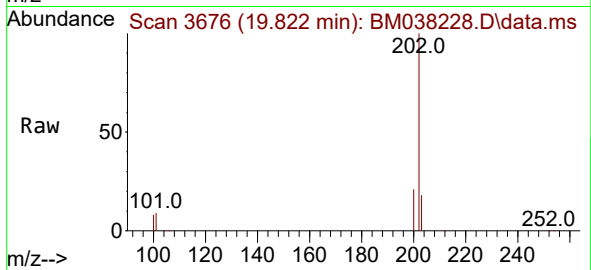
Tgt Ion:202 Resp: 1666808

Ion Ratio Lower Upper

202 100

101 9.3 8.9 13.3

100 7.6 7.4 11.0



#21

Benzo(a)anthracene

Concen: 16.999 ng/ul

RT: 21.559 min Scan# 4184

Delta R.T. 0.000 min

Lab File: BM038228.D

Acq: 23 Dec 2022 11:43

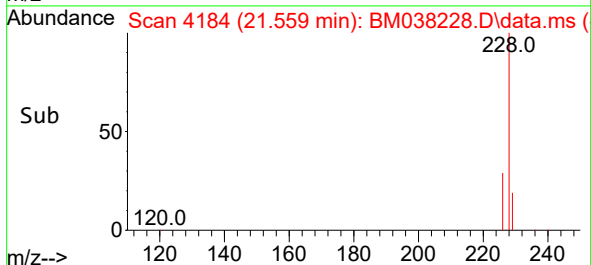
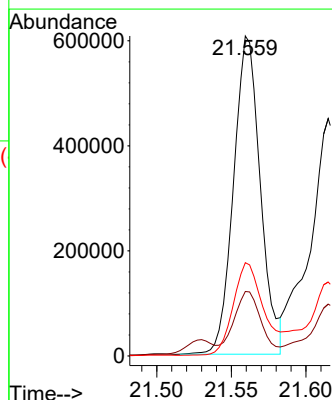
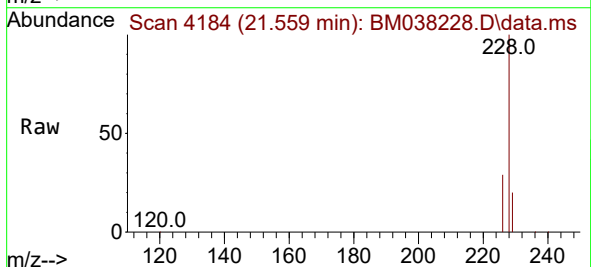
Tgt Ion:228 Resp: 757231

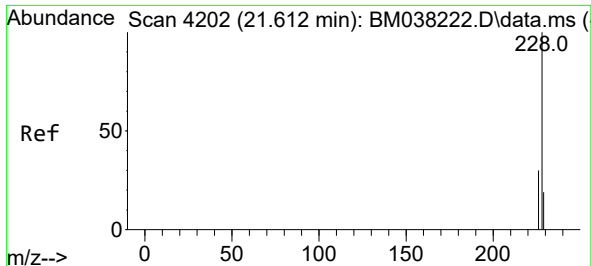
Ion Ratio Lower Upper

228 100

229 20.1 15.5 23.3

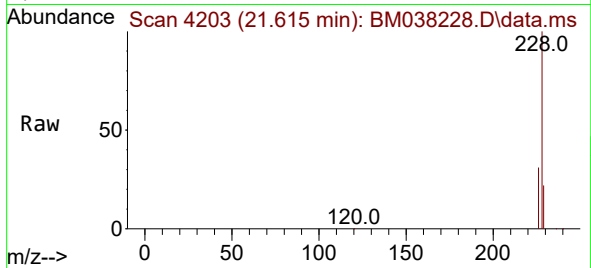
226 29.2 22.2 33.2



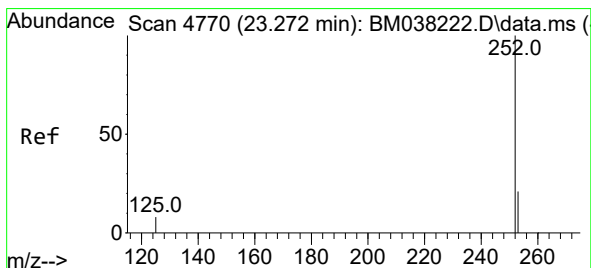
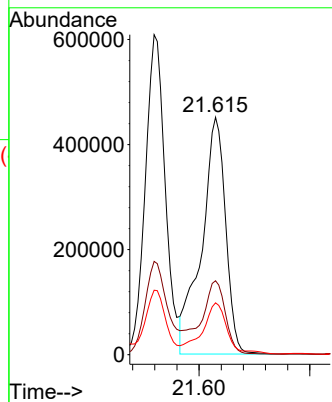
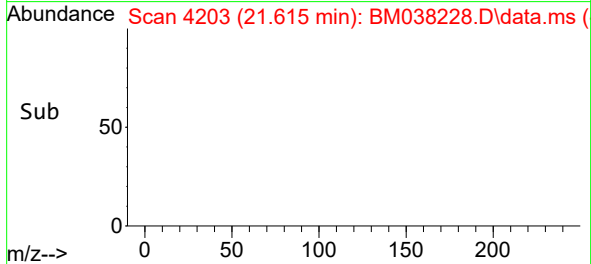


#22
Chrysene
Concen: 15.668 ng/ul
RT: 21.615 min Scan# 41
Delta R.T. 0.003 min
Lab File: BM038228.D
Acq: 23 Dec 2022 11:43

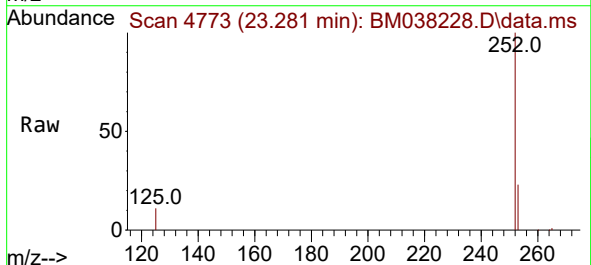
Instrument :
BNA_M
ClientSampleId :



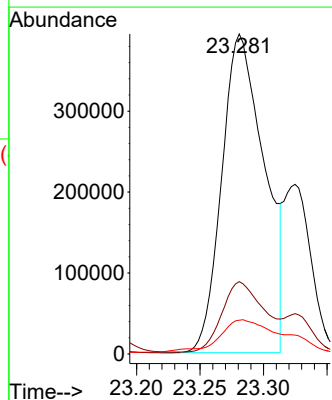
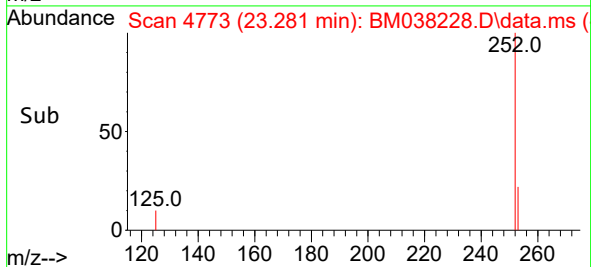
Tgt Ion:228 Resp: 679320
Ion Ratio Lower Upper
228 100
226 31.1 25.0 37.4
229 21.8 16.0 24.0

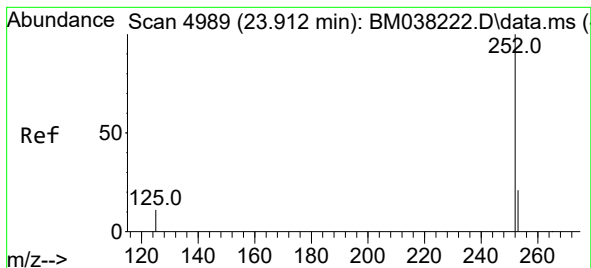


#24
Benzo(b)fluoranthene
Concen: 19.635 ng/ul
RT: 23.281 min Scan# 4773
Delta R.T. 0.009 min
Lab File: BM038228.D
Acq: 23 Dec 2022 11:43



Tgt Ion:252 Resp: 919012
Ion Ratio Lower Upper
252 100
253 22.6 0.0 56.0
125 10.6 0.0 36.6





#26

Benzo(a)pyrene

Concen: 12.481 ng/ul

RT: 23.921 min Scan# 4992

Delta R.T. 0.009 min

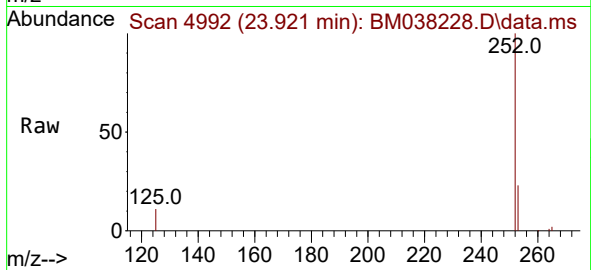
Lab File: BM038228.D

Acq: 23 Dec 2022 11:43

Instrument :

BNA_M

ClientSampleId :



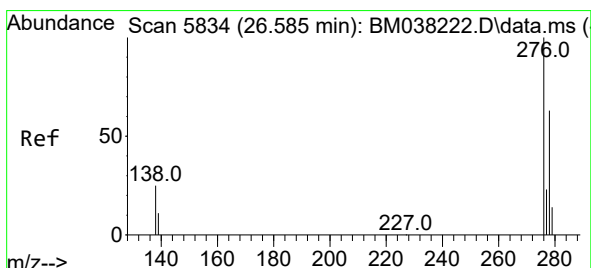
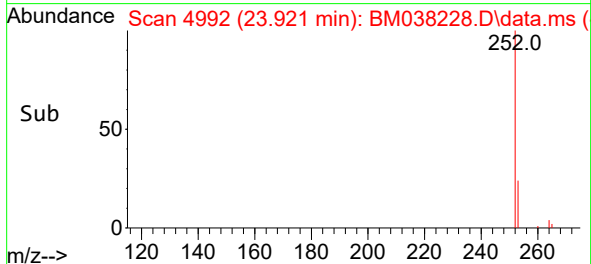
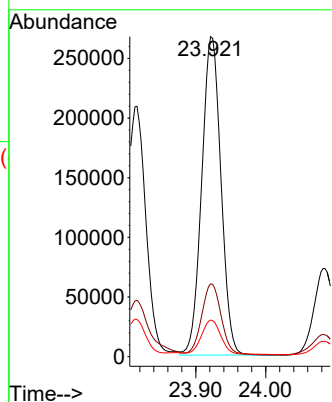
Tgt Ion:252 Resp: 509724

Ion Ratio Lower Upper

252 100

253 22.8 24.2 36.4#

125 11.5 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 6.364 ng/ul

RT: 26.589 min Scan# 5835

Delta R.T. 0.007 min

Lab File: BM038228.D

Acq: 23 Dec 2022 11:43

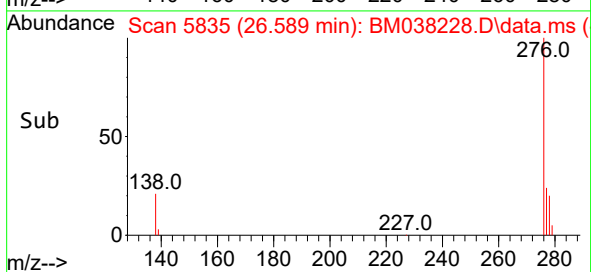
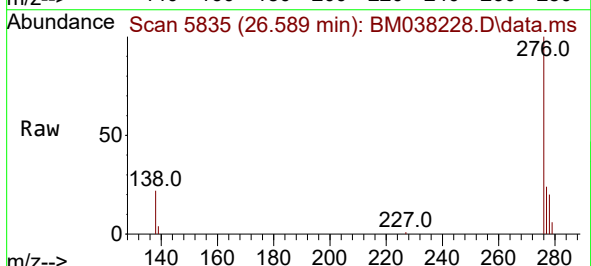
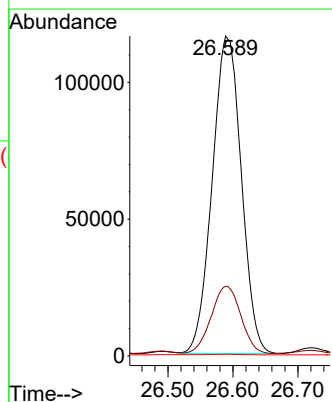
Tgt Ion:276 Resp: 360430

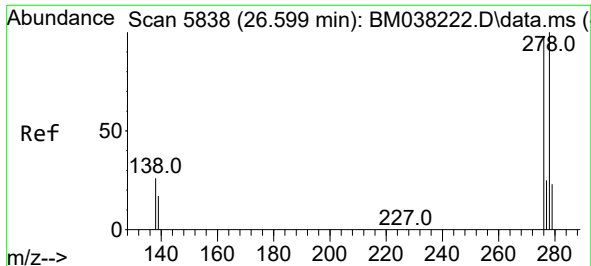
Ion Ratio Lower Upper

276 100

138 21.6 21.7 32.5#

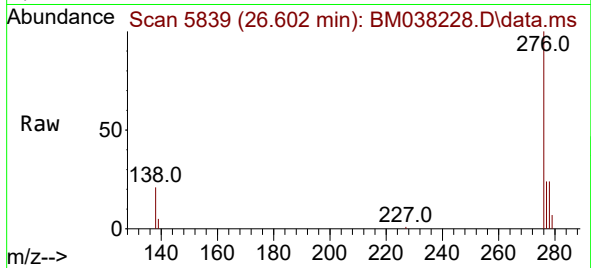
227 0.2 0.0 0.0#



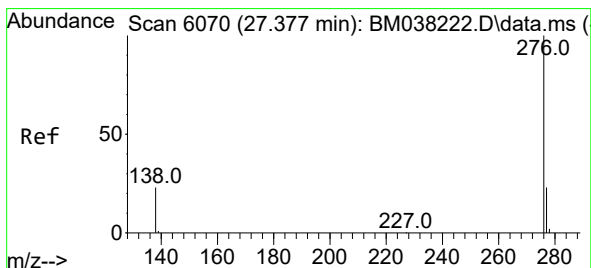
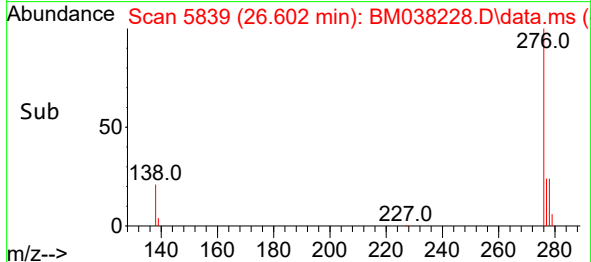
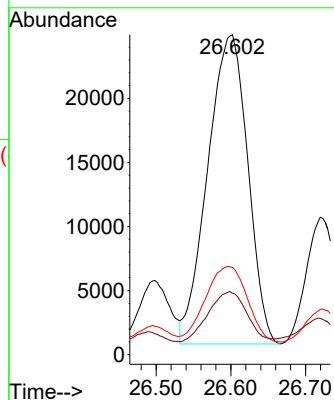


#28
 Dibenzo(a,h)anthracene
 Concen: 2.048 ng/ul
 RT: 26.602 min Scan# 5839
 Delta R.T. 0.007 min
 Lab File: BM038228.D
 Acq: 23 Dec 2022 11:43

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:278 Resp: 90110
 Ion Ratio Lower Upper
 278 100
 139 19.2 16.8 25.2
 279 27.2 23.4 35.2



#29
 Benzo(g,h,i)perylene
 Concen: 6.805 ng/ul
 RT: 27.390 min Scan# 6074
 Delta R.T. 0.020 min
 Lab File: BM038228.D
 Acq: 23 Dec 2022 11:43

Tgt Ion:276 Resp: 324327
 Ion Ratio Lower Upper
 276 100
 138 22.0 20.8 31.2
 277 23.4 20.5 30.7

