

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038268.D
 Acq On : 24 Dec 2022 13:08
 Operator : CG/JU
 Sample : N6018-18
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 25 02:55:50 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 : Sat Dec 24 05:23:31 2022
 Response via : Initial Calibration

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

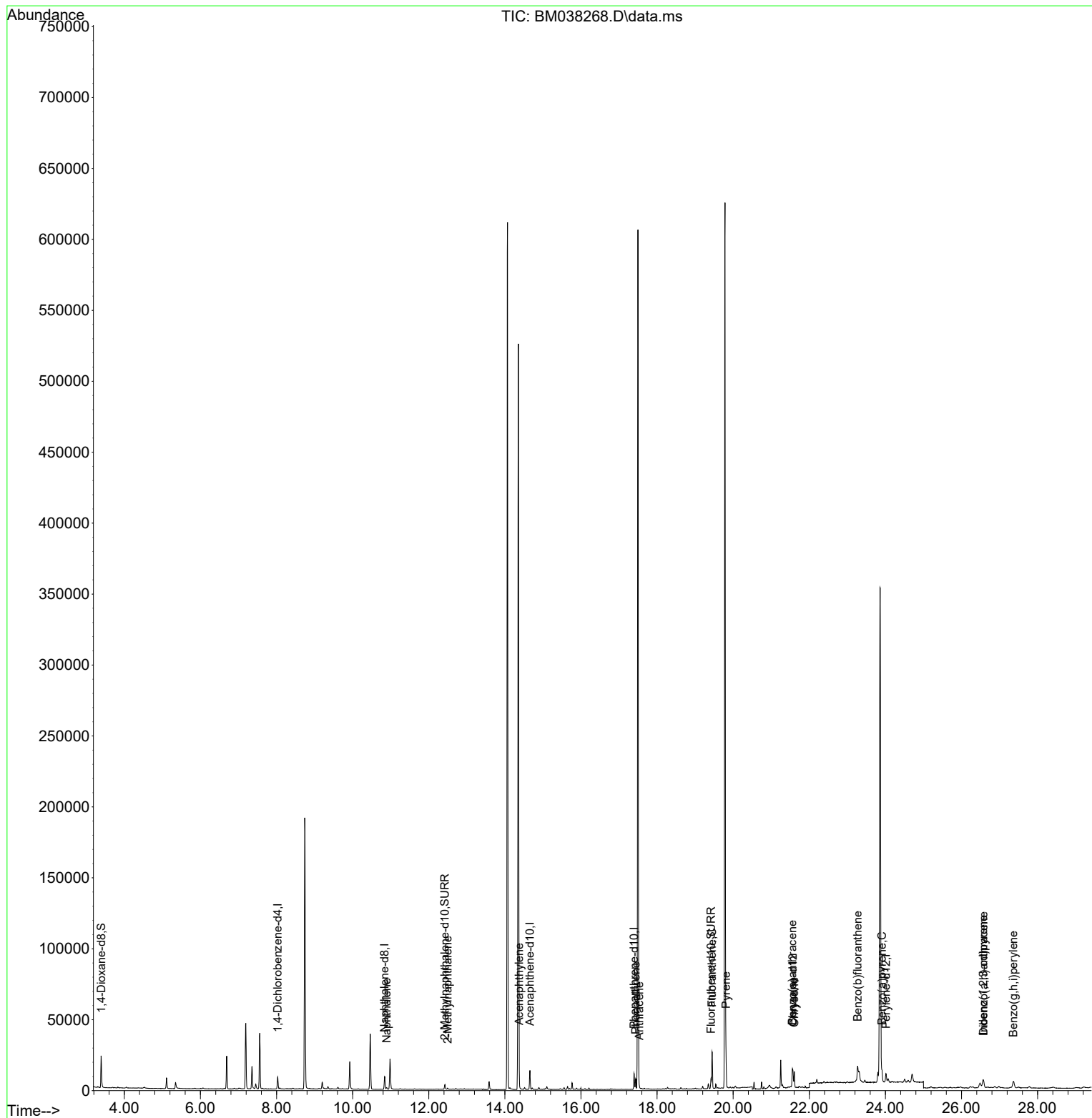
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	4164	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	12004	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.657	164	6958	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	12874	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	8900	0.400	ng/ul	0.00
23) Perylene-d12	24.014	264	8132	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	13277	3.135	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	4140	0.234	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	7077	0.212	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.894	128	1295	0.037	ng/ul#	82
7) 2-Methylnaphthalene	12.495	142	480	0.022	ng/ul	92
10) Acenaphthylene	14.379	152	1218	0.032	ng/ul#	72
15) Phenanthrene	17.438	178	7619	0.177	ng/ul	97
16) Anthracene	17.531	178	1488	0.036	ng/ul#	81
19) Fluoranthene	19.445	202	21753	0.446	ng/ul#	95
20) Pyrene	19.812	202	20000	0.406	ng/ul	99
21) Benzo(a)anthracene	21.553	228	9459	0.242	ng/ul#	92
22) Chrysene	21.606	228	11467	0.302	ng/ul#	93
24) Benzo(b)fluoranthene	23.269	252	18569	0.516	ng/ul	91
26) Benzo(a)pyrene	23.909	252	11498	0.366	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.572	276	10180	0.234	ng/ul#	48
28) Dibenzo(a,h)anthracene	26.579	278	2568	0.076	ng/ul#	25
29) Benzo(g,h,i)perylene	27.364	276	10841	0.296	ng/ul	94

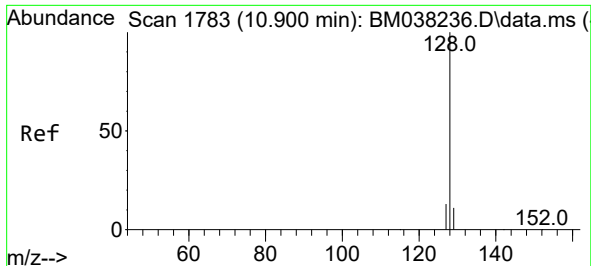
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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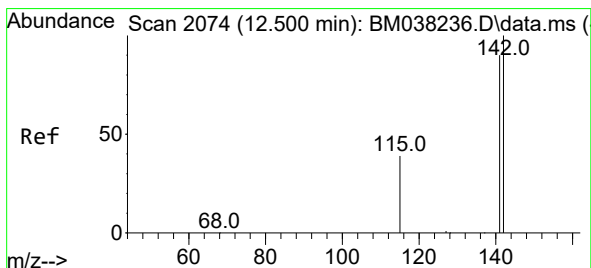
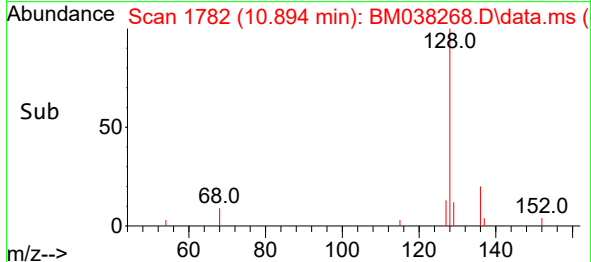
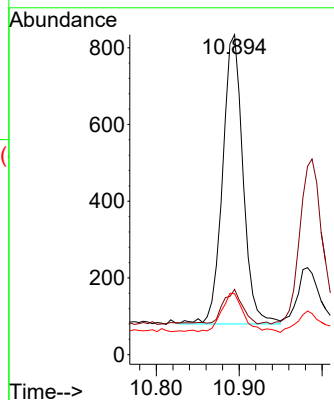
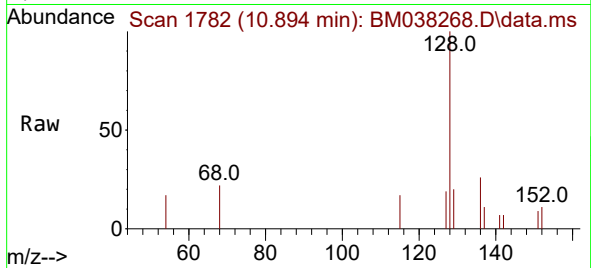




#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.894 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BM038268.D
Acq: 24 Dec 2022 13:08

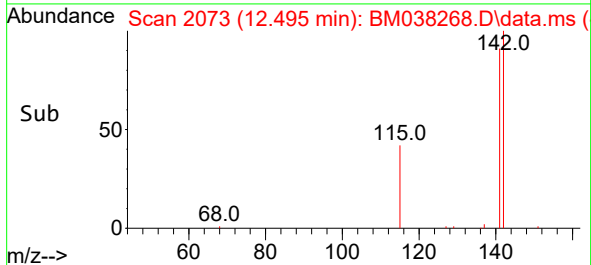
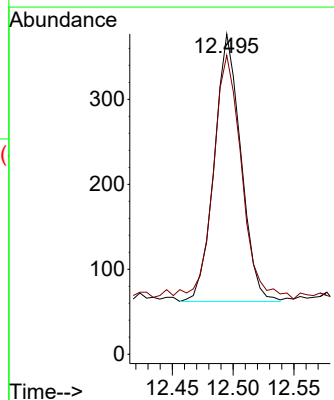
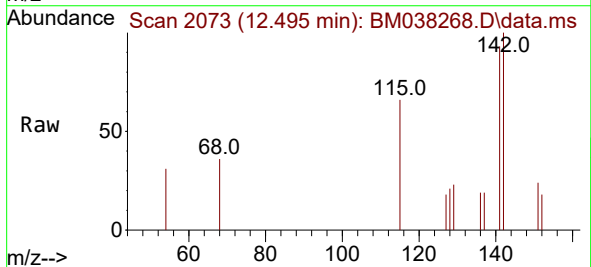
Instrument :
BNA_M
ClientSampleId :

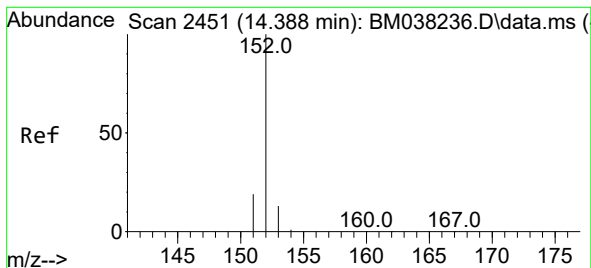
Tgt Ion:128 Resp: 1295
Ion Ratio Lower Upper
128 100
129 20.4 9.4 14.0#
127 19.1 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.495 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM038268.D
Acq: 24 Dec 2022 13:08

Tgt Ion:142 Resp: 480
Ion Ratio Lower Upper
142 100
141 97.1 71.9 107.9





#10

Acenaphthylene

Concen: 0.032 ng/ul

RT: 14.379 min Scan# 24

Delta R.T. 0.000 min

Lab File: BM038268.D

Acq: 24 Dec 2022 13:08

Instrument :

BNA_M

ClientSampleId :

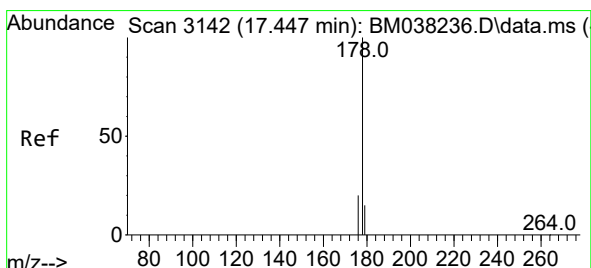
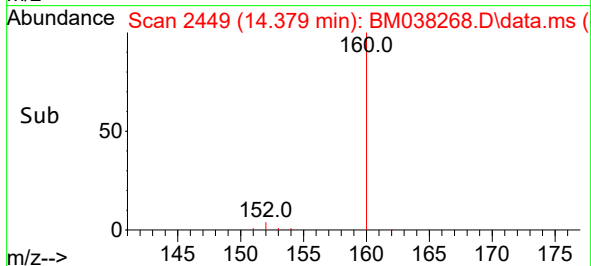
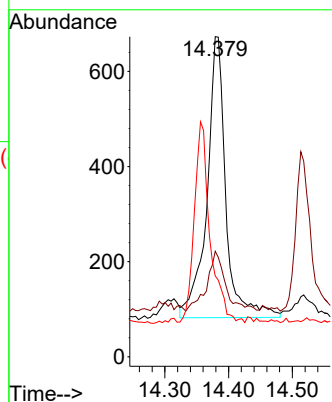
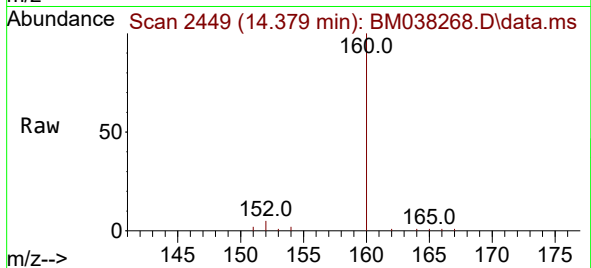
Tgt Ion:152 Resp: 1218

Ion Ratio Lower Upper

152 100

151 33.0 16.2 24.2#

153 25.3 10.7 16.1#



#15

Phenanthrene

Concen: 0.177 ng/ul

RT: 17.438 min Scan# 3140

Delta R.T. -0.000 min

Lab File: BM038268.D

Acq: 24 Dec 2022 13:08

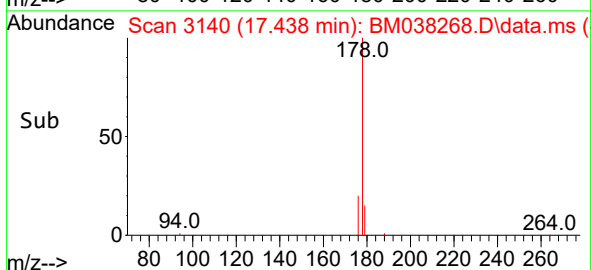
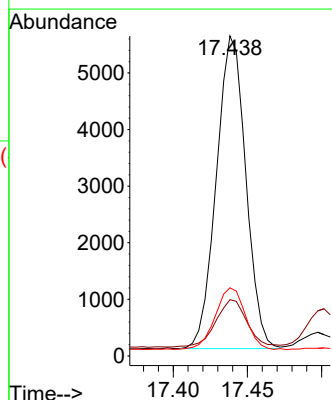
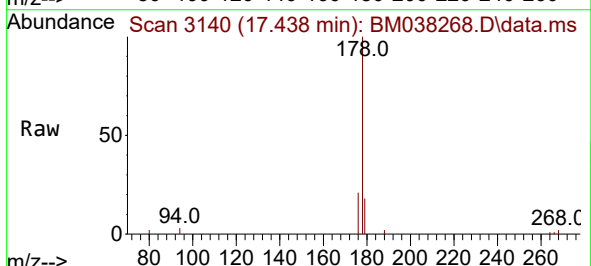
Tgt Ion:178 Resp: 7619

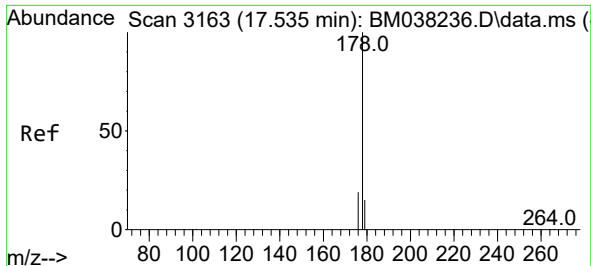
Ion Ratio Lower Upper

178 100

179 17.6 13.0 19.4

176 21.3 16.2 24.4

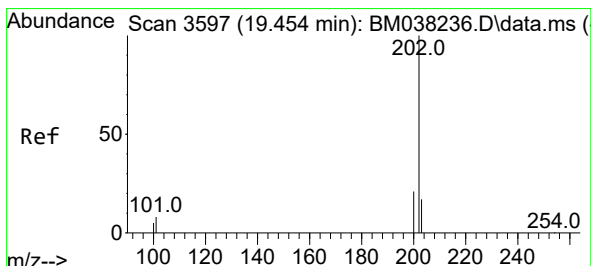
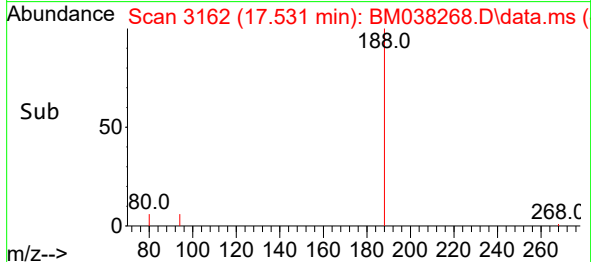
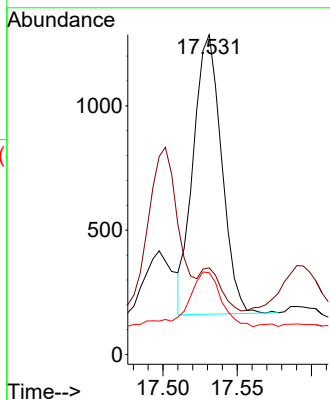
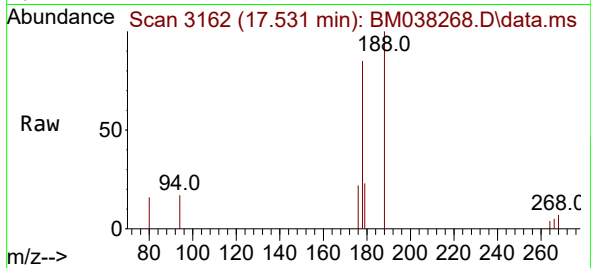




#16
 Anthracene
 Concen: 0.036 ng/ul
 RT: 17.531 min Scan# 3163
 Delta R.T. 0.000 min
 Lab File: BM038268.D
 Acq: 24 Dec 2022 13:08

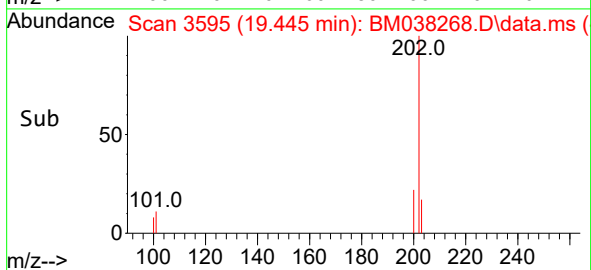
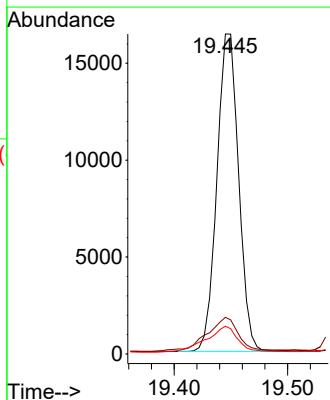
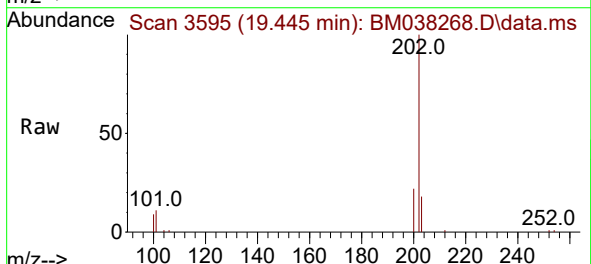
Instrument :
 BNA_M
 ClientSampleId :

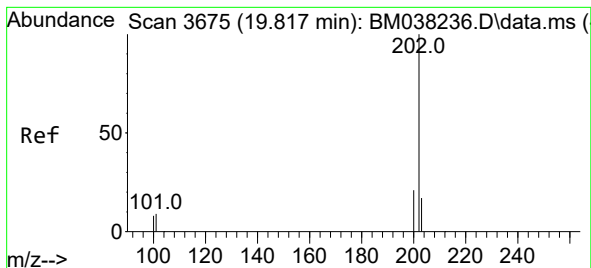
Tgt Ion:178 Resp: 1488
 Ion Ratio Lower Upper
 178 100
 179 27.1 13.0 19.6#
 176 25.6 15.6 23.4#



#19
 Fluoranthene
 Concen: 0.446 ng/ul
 RT: 19.445 min Scan# 3595
 Delta R.T. -0.005 min
 Lab File: BM038268.D
 Acq: 24 Dec 2022 13:08

Tgt Ion:202 Resp: 21753
 Ion Ratio Lower Upper
 202 100
 101 11.5 7.5 11.3#
 100 8.7 5.6 8.4#





#20

Pyrene

Concen: 0.406 ng/ul

RT: 19.812 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM038268.D

Acq: 24 Dec 2022 13:08

Instrument :

BNA_M

ClientSampleId :

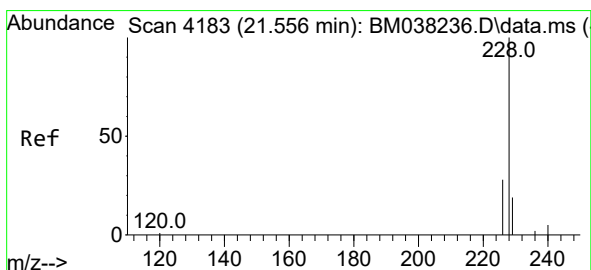
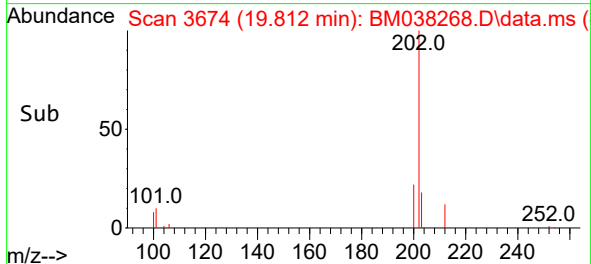
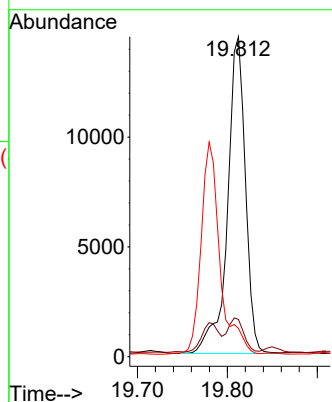
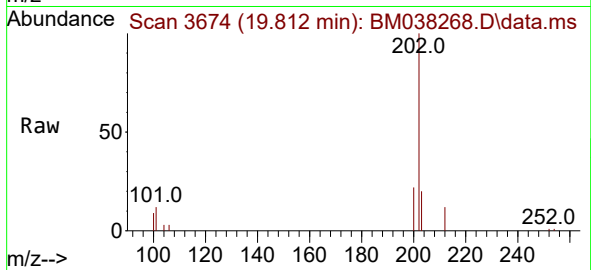
Tgt Ion:202 Resp: 20000

Ion Ratio Lower Upper

202 100

101 11.7 8.9 13.3

100 8.9 7.4 11.0



#21

Benzo(a)anthracene

Concen: 0.242 ng/ul

RT: 21.553 min Scan# 4182

Delta R.T. 0.003 min

Lab File: BM038268.D

Acq: 24 Dec 2022 13:08

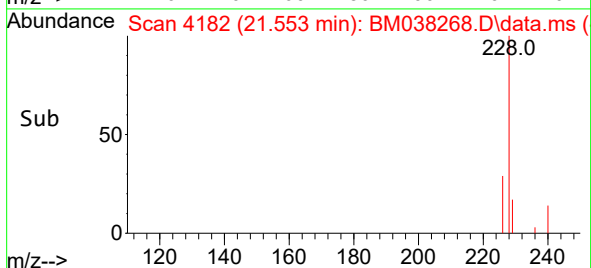
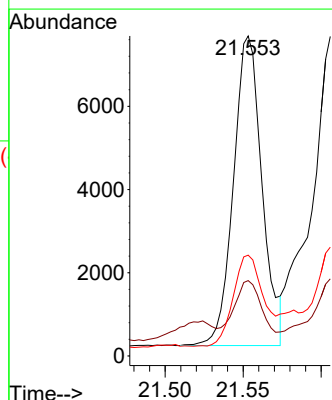
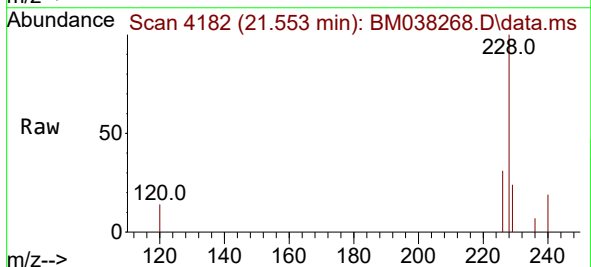
Tgt Ion:228 Resp: 9459

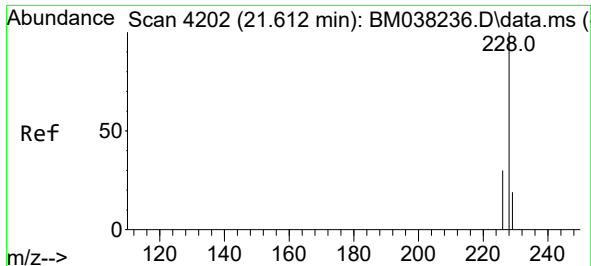
Ion Ratio Lower Upper

228 100

229 23.5 15.5 23.3#

226 31.5 22.2 33.2





#22

Chrysene

Concen: 0.302 ng/ul

RT: 21.606 min Scan# 41

Delta R.T. 0.000 min

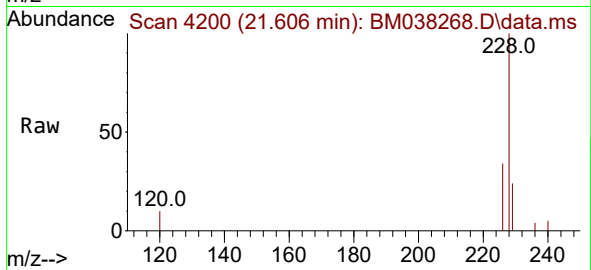
Lab File: BM038268.D

Acq: 24 Dec 2022 13:08

Instrument :

BNA_M

ClientSampleId :



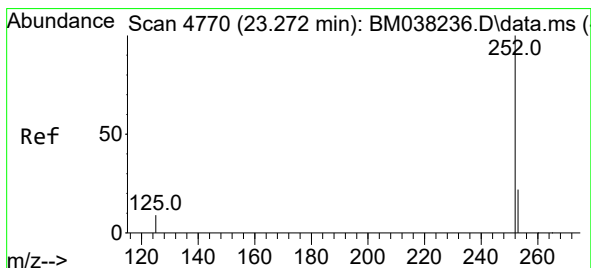
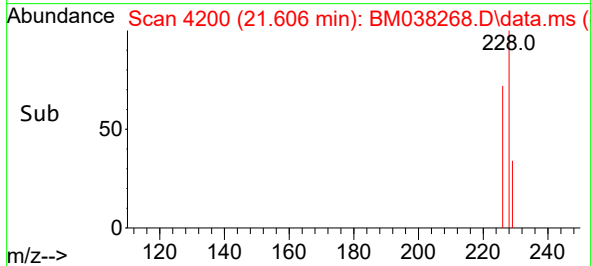
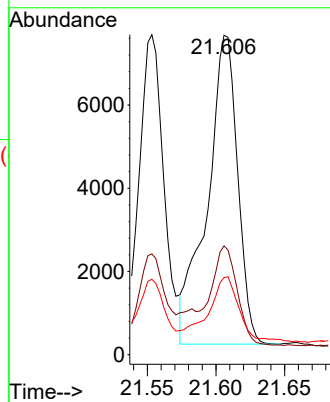
Tgt Ion:228 Resp: 11467

Ion Ratio Lower Upper

228 100

226 34.0 25.0 37.4

229 24.1 16.0 24.0#



#24

Benzo(b)fluoranthene

Concen: 0.516 ng/ul

RT: 23.269 min Scan# 4769

Delta R.T. 0.003 min

Lab File: BM038268.D

Acq: 24 Dec 2022 13:08

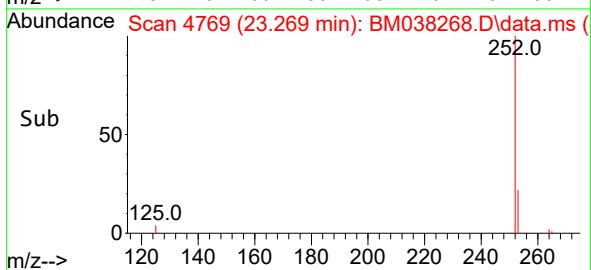
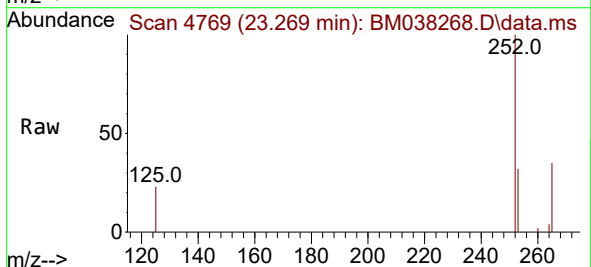
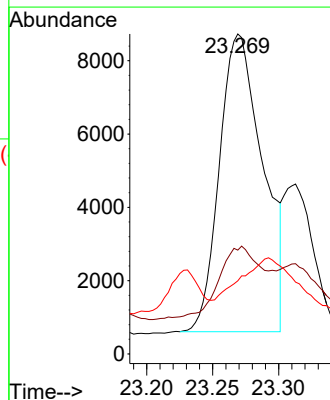
Tgt Ion:252 Resp: 18569

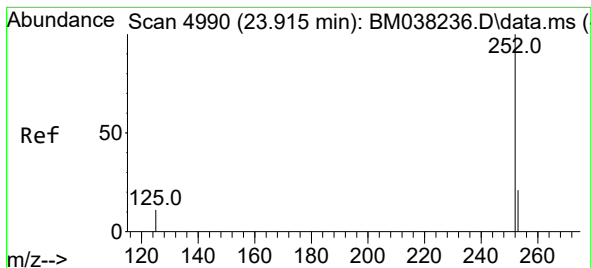
Ion Ratio Lower Upper

252 100

253 32.5 0.0 56.0

125 22.9 0.0 36.6





#26

Benzo(a)pyrene

Concen: 0.366 ng/ul

RT: 23.909 min Scan# 4990

Delta R.T. 0.003 min

Lab File: BM038268.D

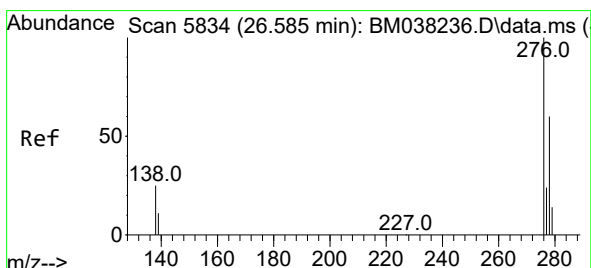
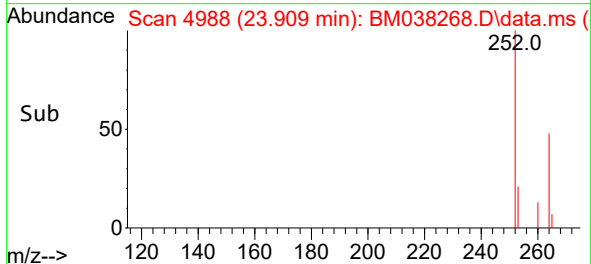
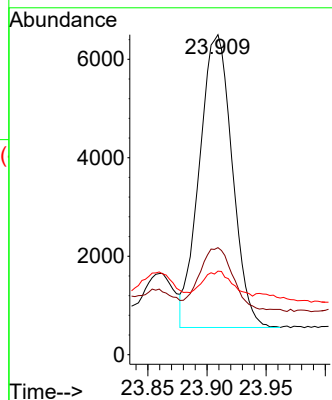
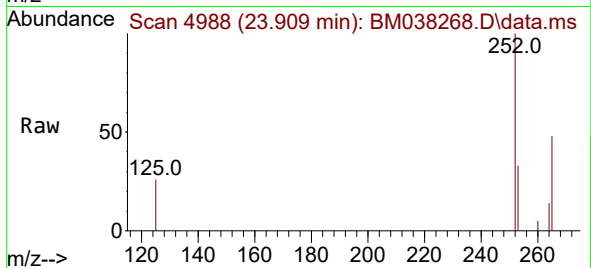
Acq: 24 Dec 2022 13:08

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:	252	Resp:	11498
Ion Ratio	Lower	Upper	
252	100		
253	33.4	24.2	36.4
125	26.1	17.3	25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.234 ng/ul

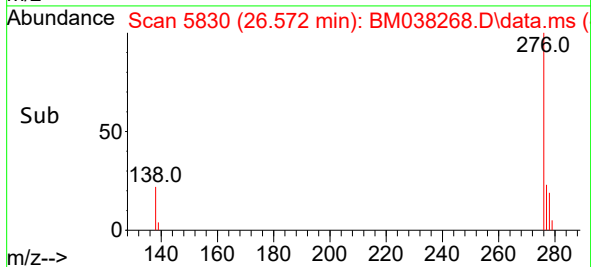
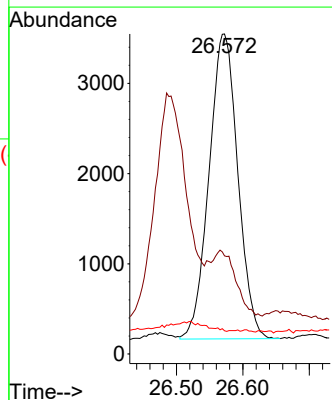
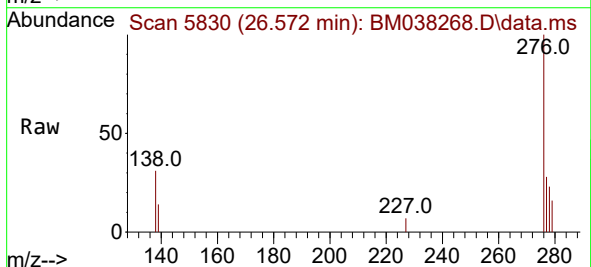
RT: 26.572 min Scan# 5830

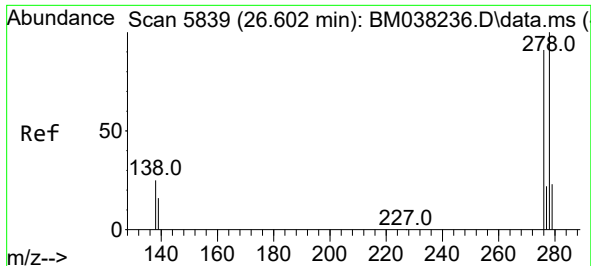
Delta R.T. 0.004 min

Lab File: BM038268.D

Acq: 24 Dec 2022 13:08

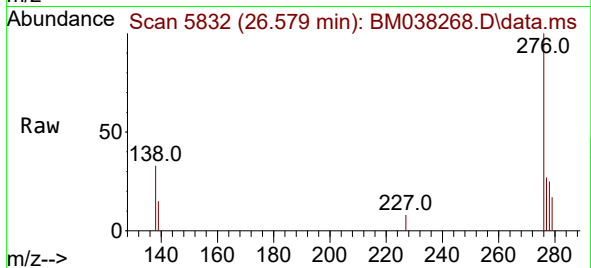
Tgt Ion:	276	Resp:	10180
Ion Ratio	Lower	Upper	
276	100		
138	0.0	21.7	32.5#
227	0.0	0.0	0.0



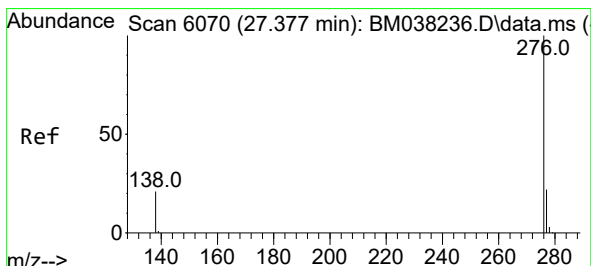
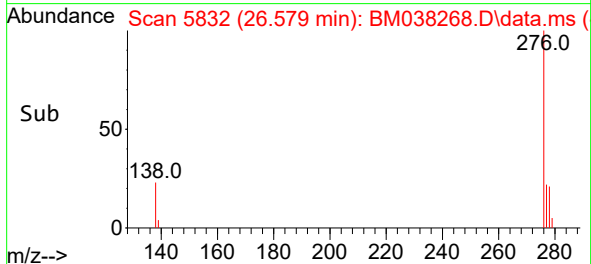
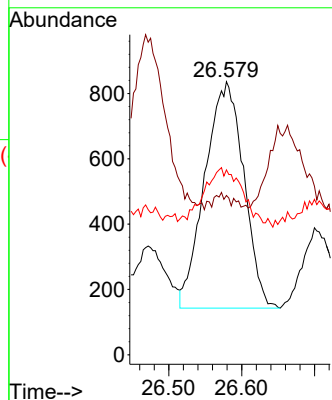


#28
 Dibenzo(a,h)anthracene
 Concen: 0.076 ng/ul
 RT: 26.579 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: BM038268.D
 Acq: 24 Dec 2022 13:08

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:278 Resp: 2568
 Ion Ratio Lower Upper
 278 100
 139 58.4 16.8 25.2#
 279 67.7 23.4 35.2#



#29
 Benzo(g,h,i)perylene
 Concen: 0.296 ng/ul
 RT: 27.364 min Scan# 6066
 Delta R.T. 0.004 min
 Lab File: BM038268.D
 Acq: 24 Dec 2022 13:08

Tgt Ion:276 Resp: 10841
 Ion Ratio Lower Upper
 276 100
 138 29.9 20.8 31.2
 277 27.9 20.5 30.7

