

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038200.D
 Acq On : 22 Dec 2022 16:21
 Operator : CG/JU
 Sample : N6009-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 23 01:48:09 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)

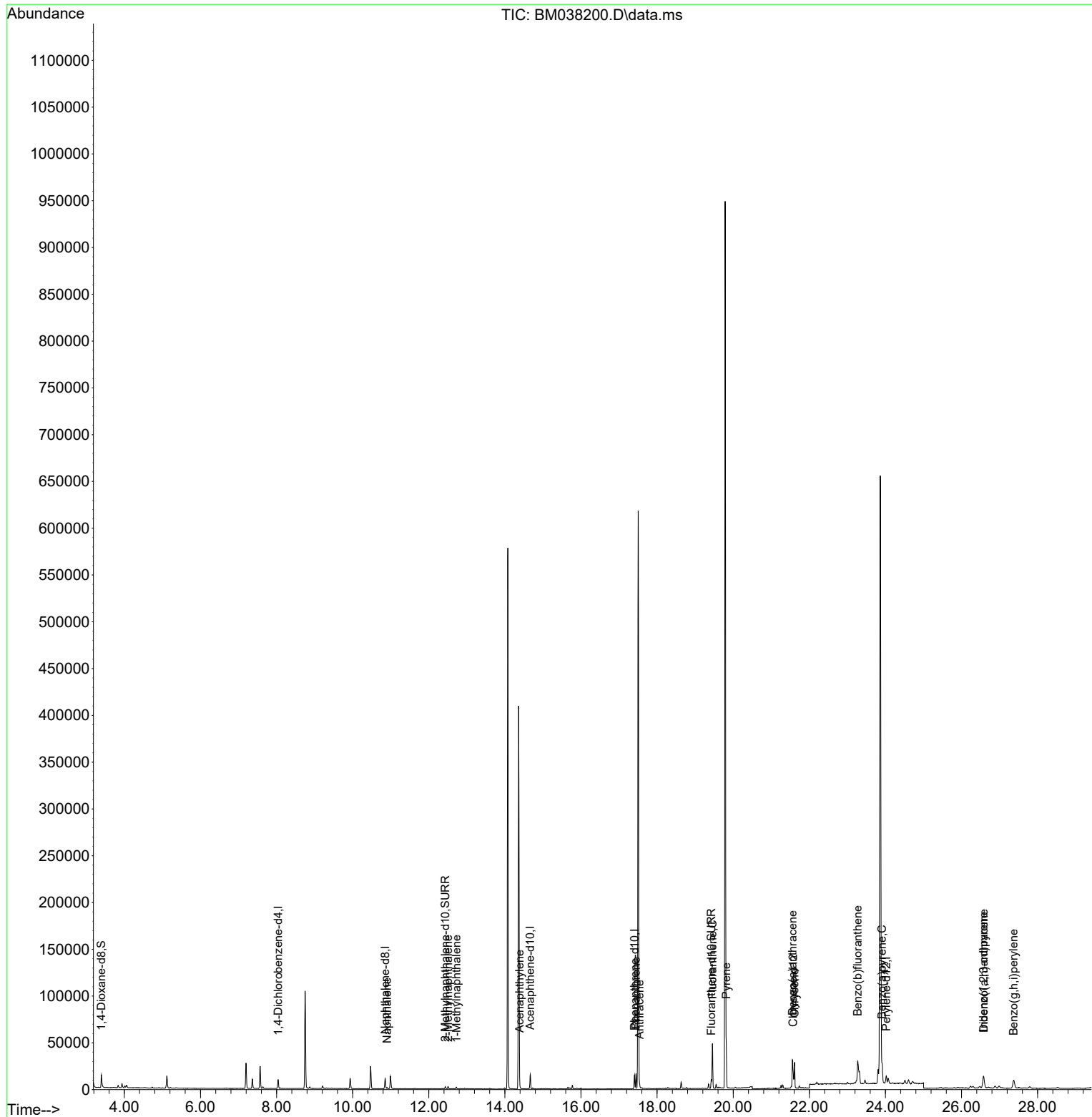
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	4833	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	14772	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	8246	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	16751	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	11477	0.400	ng/ul	0.00
23) Perylene-d12	24.020	264	11185	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	9418	1.916	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	2691	0.124	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	9445	0.219	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.906	128	1671	0.039	ng/ul#	88
7) 2-Methylnaphthalene	12.506	142	1578	0.059	ng/ul	100
8) 1-Methylnaphthalene	12.726	142	1203	0.044	ng/ul	99
10) Acenaphthylene	14.388	152	2367	0.052	ng/ul#	86
15) Phenanthrene	17.447	178	15864	0.283	ng/ul	99
16) Anthracene	17.540	178	3821	0.071	ng/ul#	93
19) Fluoranthene	19.454	202	39567	0.629	ng/ul	97
20) Pyrene	19.817	202	36774	0.579	ng/ul	100
21) Benzo(a)anthracene	21.556	228	24294	0.483	ng/ul	97
22) Chrysene	21.612	228	27891	0.569	ng/ul	98
24) Benzo(b)fluoranthene	23.272	252	41984	0.848	ng/ul	98
26) Benzo(a)pyrene	23.912	252	27243	0.631	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.579	276	22202	0.371	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.585	278	5621	0.121	ng/ul#	70
29) Benzo(g,h,i)perylene	27.370	276	20172	0.400	ng/ul	100

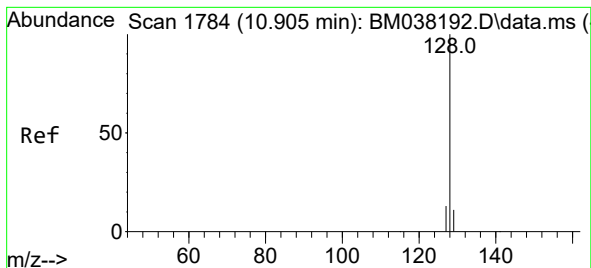
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.039 ng/ul

RT: 10.906 min Scan# 1

Delta R.T. 0.000 min

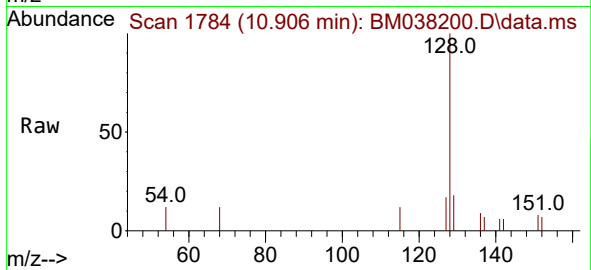
Lab File: BM038200.D

Acq: 22 Dec 2022 16:21

Instrument :

BNA_M

ClientSampleId :



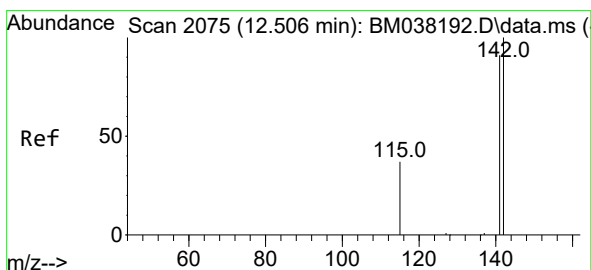
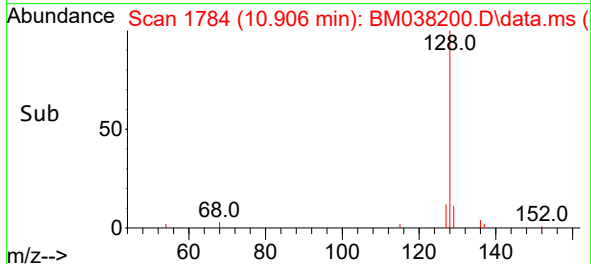
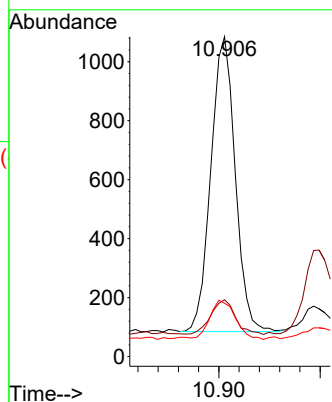
Tgt Ion:128 Resp: 1671

Ion Ratio Lower Upper

128 100

129 17.8 9.4 14.0#

127 16.7 10.7 16.1#



#7

2-Methylnaphthalene

Concen: 0.059 ng/ul

RT: 12.506 min Scan# 2075

Delta R.T. 0.000 min

Lab File: BM038200.D

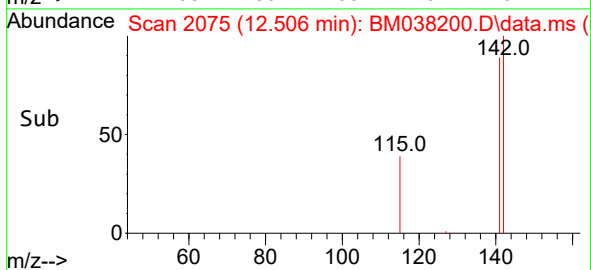
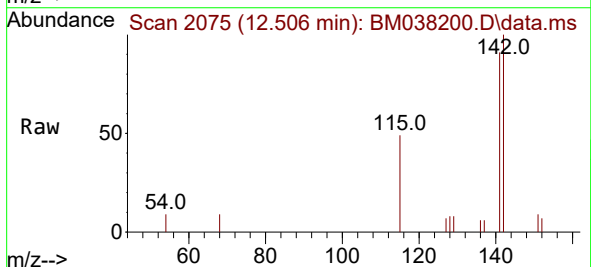
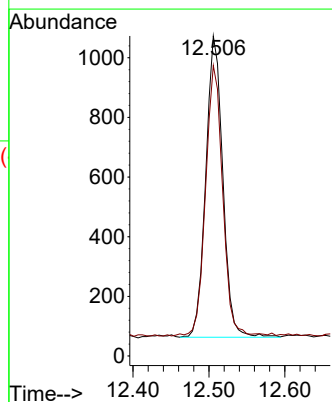
Acq: 22 Dec 2022 16:21

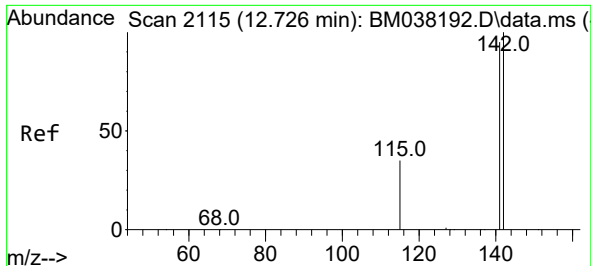
Tgt Ion:142 Resp: 1578

Ion Ratio Lower Upper

142 100

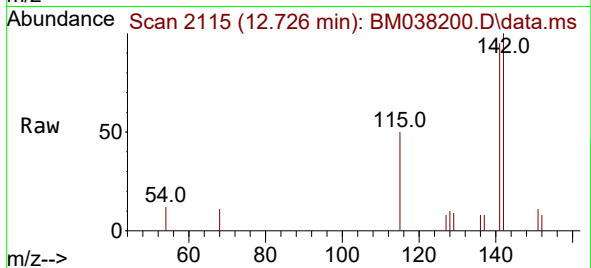
141 90.2 71.9 107.9



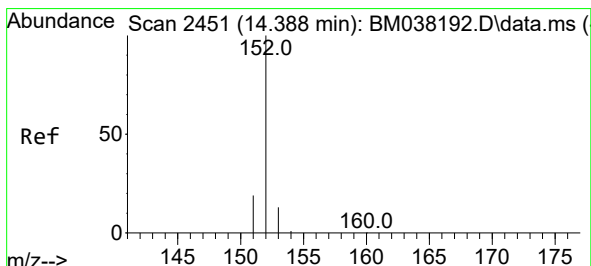
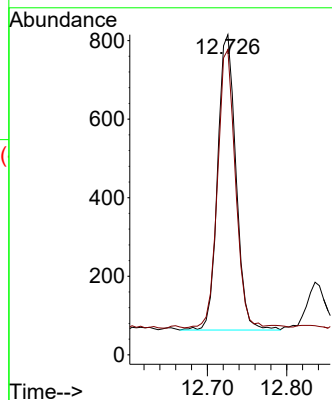
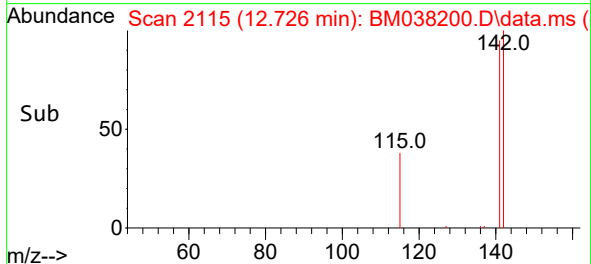


#8
1-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 12.726 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM038200.D
Acq: 22 Dec 2022 16:21

Instrument :
BNA_M
ClientSampleId :

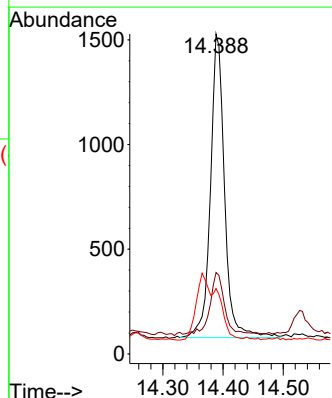
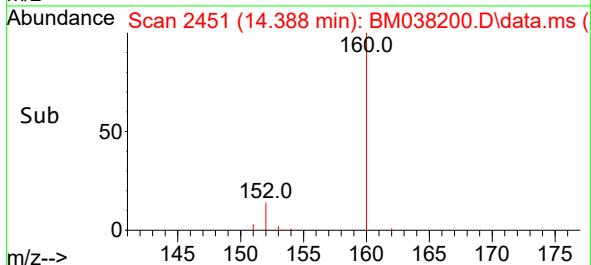
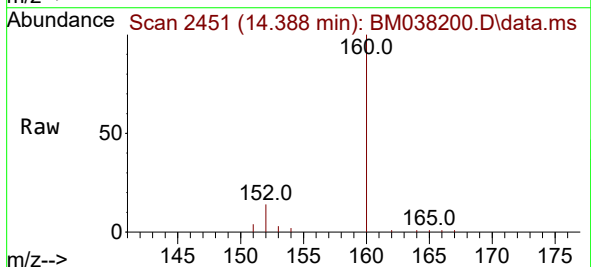


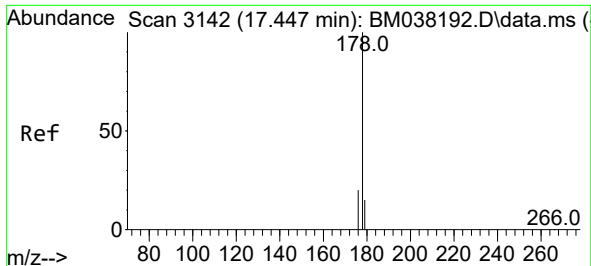
Tgt Ion:142 Resp: 1203
Ion Ratio Lower Upper
142 100
141 92.0 74.7 112.1



#10
Acenaphthylene
Concen: 0.052 ng/ul
RT: 14.388 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038200.D
Acq: 22 Dec 2022 16:21

Tgt Ion:152 Resp: 2367
Ion Ratio Lower Upper
152 100
151 25.5 16.2 24.2#
153 20.4 10.7 16.1#

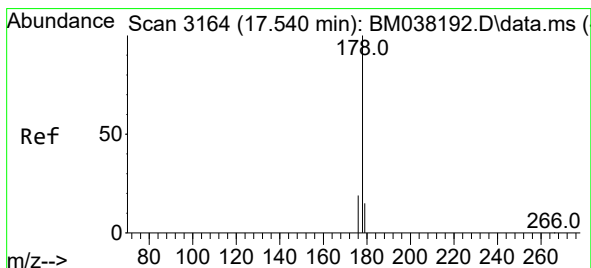
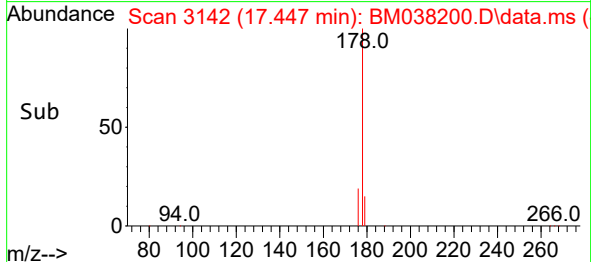
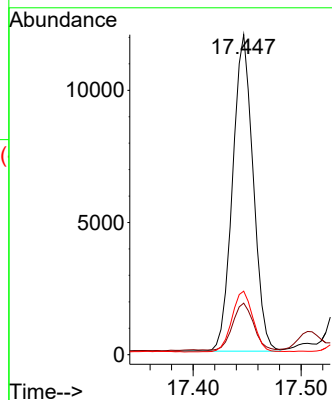
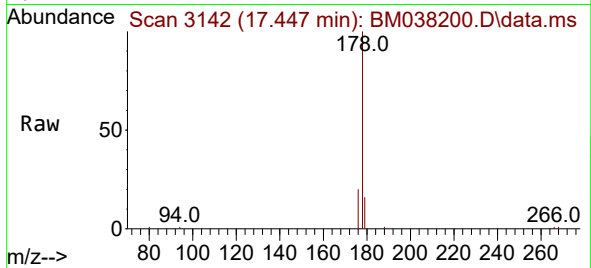




#15
Phenanthrene
Concen: 0.283 ng/ul
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038200.D
Acq: 22 Dec 2022 16:21

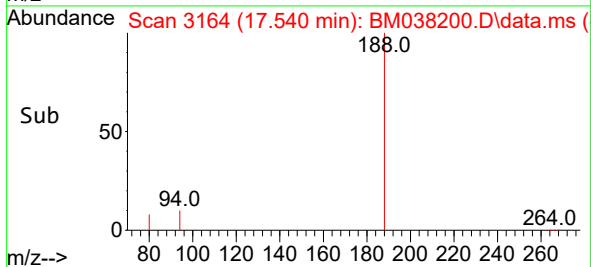
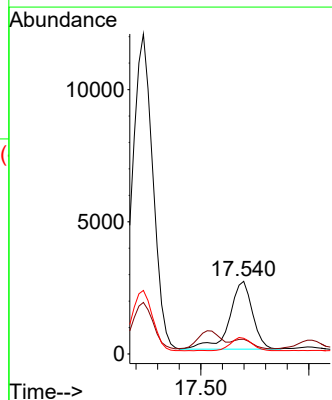
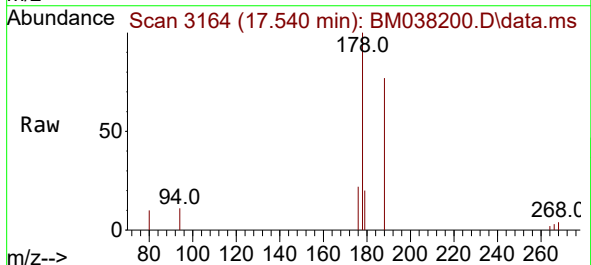
Instrument :
BNA_M
ClientSampleId :

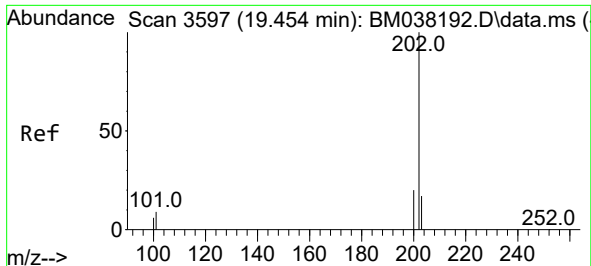
Tgt Ion:178 Resp: 15864
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.4
176 19.9 16.2 24.4



#16
Anthracene
Concen: 0.071 ng/ul
RT: 17.540 min Scan# 3164
Delta R.T. 0.000 min
Lab File: BM038200.D
Acq: 22 Dec 2022 16:21

Tgt Ion:178 Resp: 3821
Ion Ratio Lower Upper
178 100
179 20.3 13.0 19.6#
176 21.5 15.6 23.4

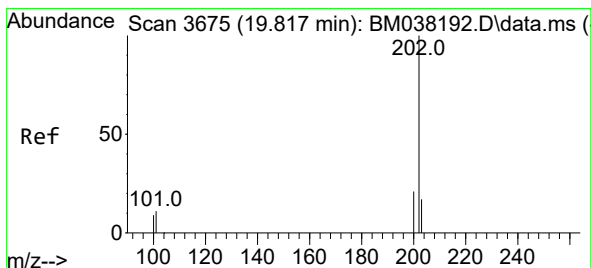
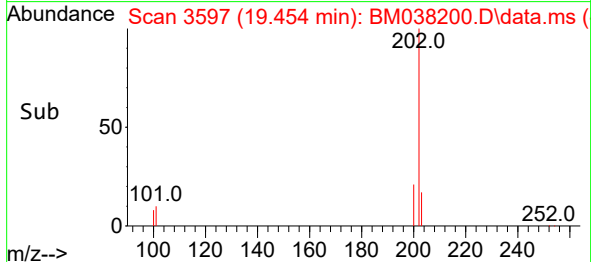
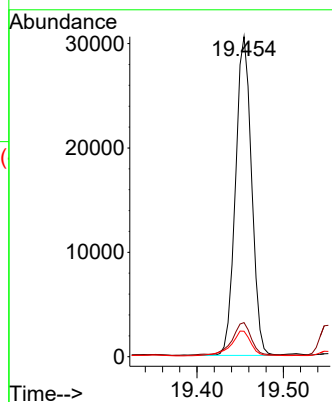
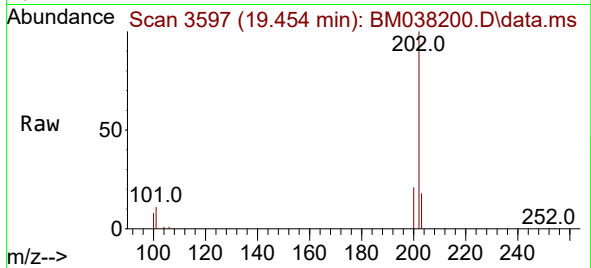




#19
Fluoranthene
Concen: 0.629 ng/ul
RT: 19.454 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038200.D
Acq: 22 Dec 2022 16:21

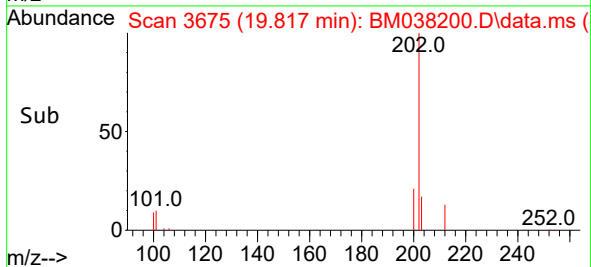
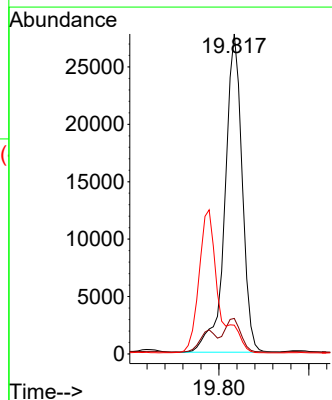
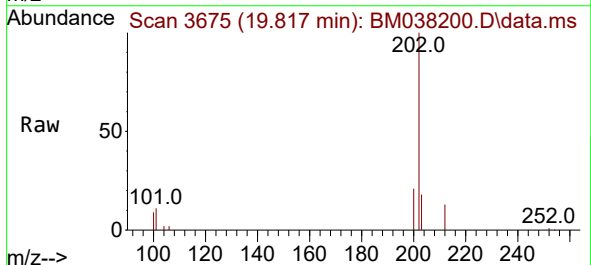
Instrument :
BNA_M
ClientSampleId :

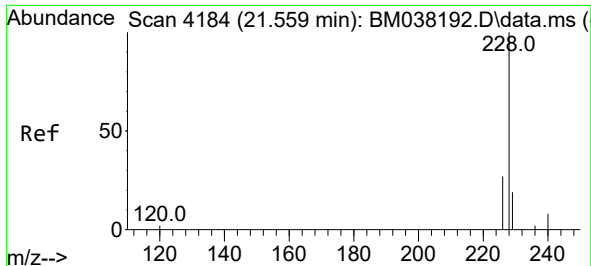
Tgt Ion:202 Resp: 39567
Ion Ratio Lower Upper
202 100
101 10.6 7.5 11.3
100 8.0 5.6 8.4



#20
Pyrene
Concen: 0.579 ng/ul
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038200.D
Acq: 22 Dec 2022 16:21

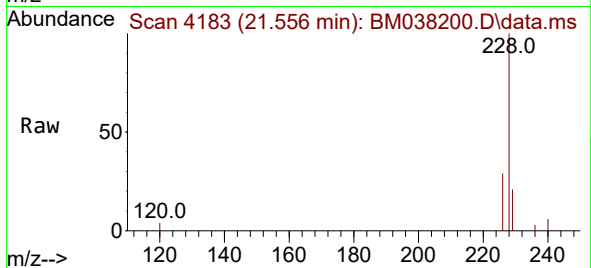
Tgt Ion:202 Resp: 36774
Ion Ratio Lower Upper
202 100
101 11.1 8.9 13.3
100 9.0 7.4 11.0



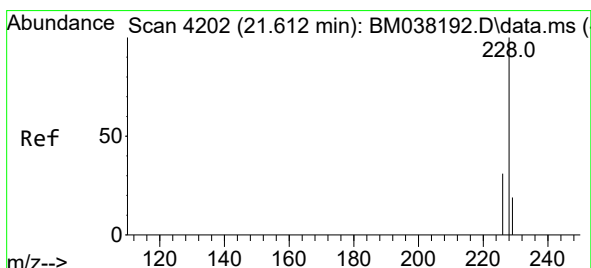
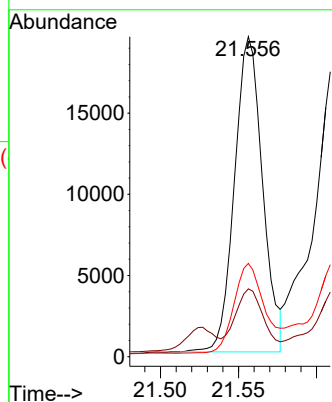
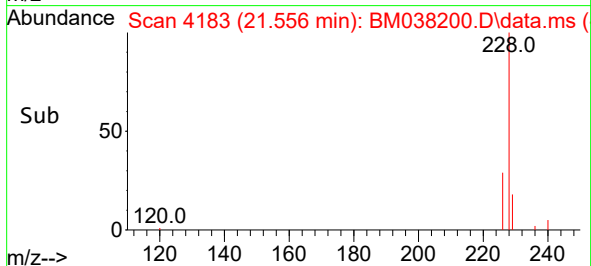


#21
Benzo(a)anthracene
Concen: 0.483 ng/ul
RT: 21.556 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BM038200.D
Acq: 22 Dec 2022 16:21

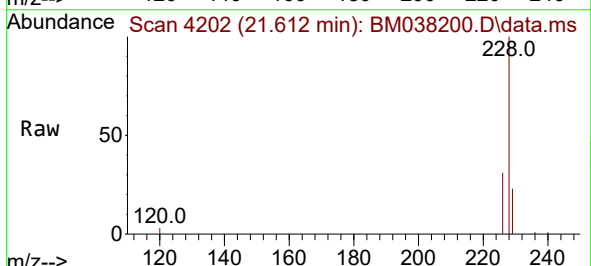
Instrument :
BNA_M
ClientSampleId :



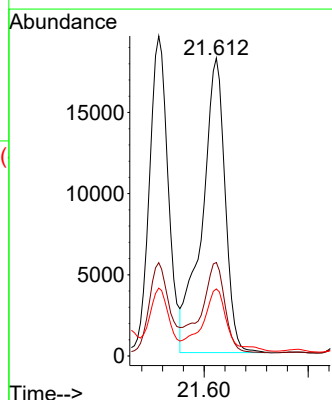
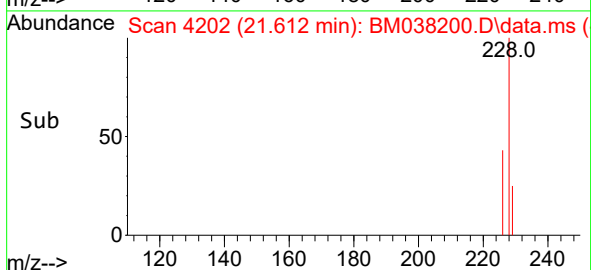
Tgt Ion:228 Resp: 24294
Ion Ratio Lower Upper
228 100
229 21.2 15.5 23.3
226 29.1 22.2 33.2

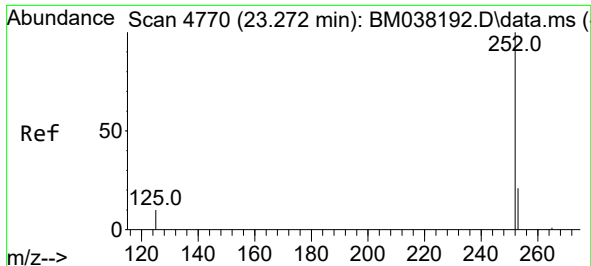


#22
Chrysene
Concen: 0.569 ng/ul
RT: 21.612 min Scan# 4202
Delta R.T. 0.000 min
Lab File: BM038200.D
Acq: 22 Dec 2022 16:21



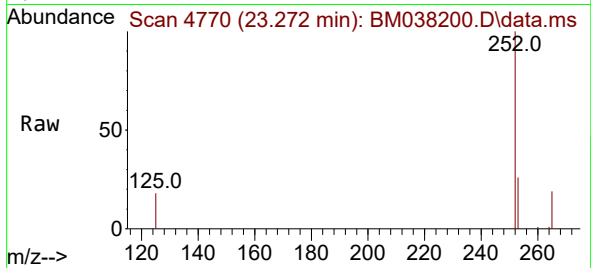
Tgt Ion:228 Resp: 27891
Ion Ratio Lower Upper
228 100
226 31.4 25.0 37.4
229 22.5 16.0 24.0



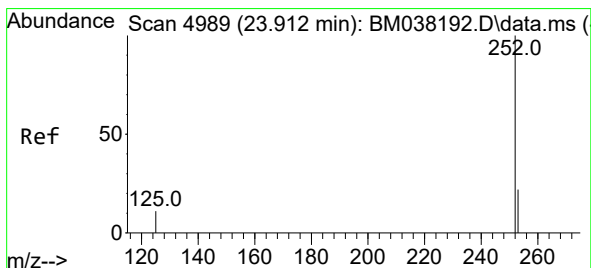
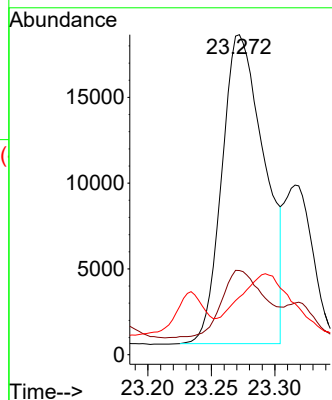


#24
Benzo(b)fluoranthene
Concen: 0.848 ng/ul
RT: 23.272 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038200.D
Acq: 22 Dec 2022 16:21

Instrument :
BNA_M
ClientSampleId :

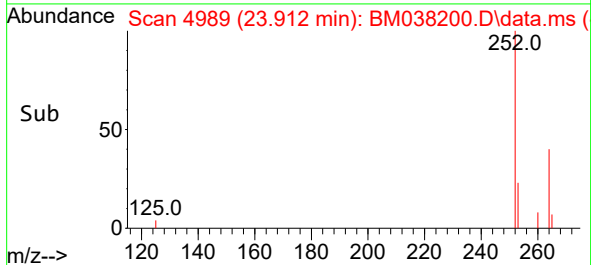
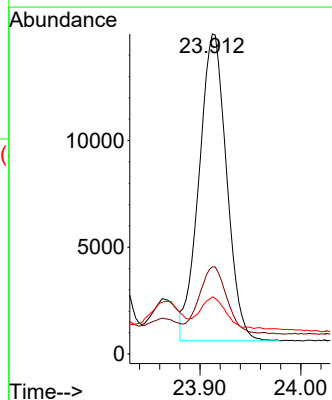
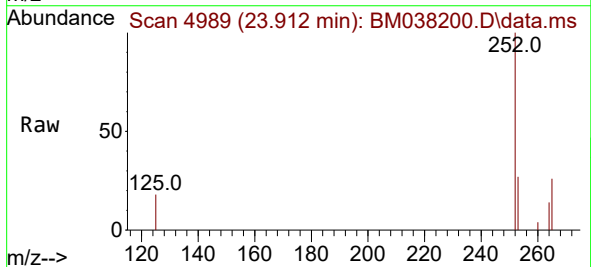


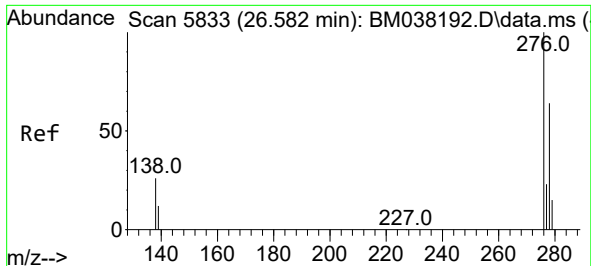
Tgt Ion:252 Resp: 41984
Ion Ratio Lower Upper
252 100
253 26.3 0.0 56.0
125 18.0 0.0 36.6



#26
Benzo(a)pyrene
Concen: 0.631 ng/ul
RT: 23.912 min Scan# 4989
Delta R.T. 0.000 min
Lab File: BM038200.D
Acq: 22 Dec 2022 16:21

Tgt Ion:252 Resp: 27243
Ion Ratio Lower Upper
252 100
253 27.2 24.2 36.4
125 17.8 17.3 25.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.371 ng/ul

RT: 26.579 min Scan# 5832

Delta R.T. -0.003 min

Lab File: BM038200.D

Acq: 22 Dec 2022 16:21

Instrument :

BNA_M

ClientSampleId :

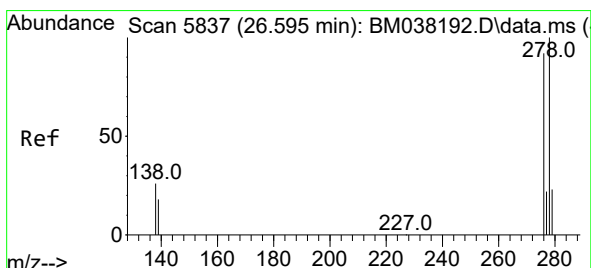
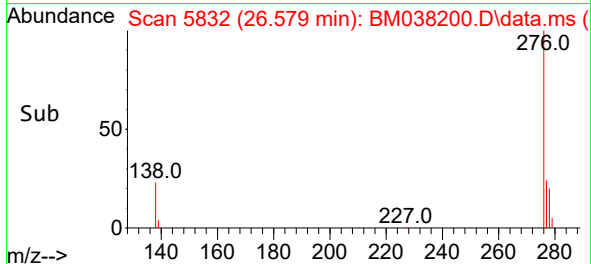
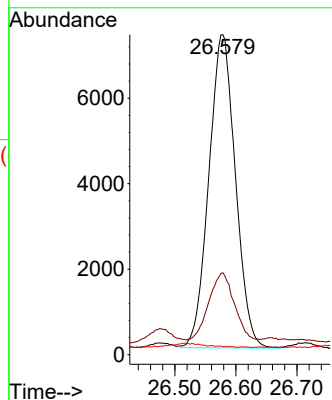
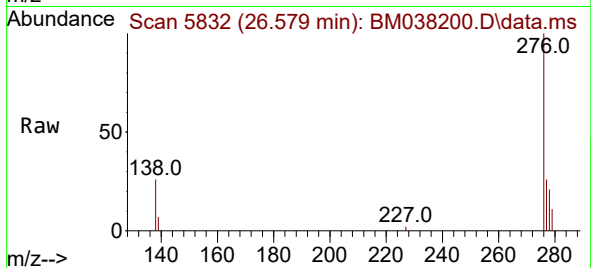
Tgt Ion:276 Resp: 22202

Ion Ratio Lower Upper

276 100

138 22.4 21.7 32.5

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.121 ng/ul

RT: 26.585 min Scan# 5834

Delta R.T. -0.010 min

Lab File: BM038200.D

Acq: 22 Dec 2022 16:21

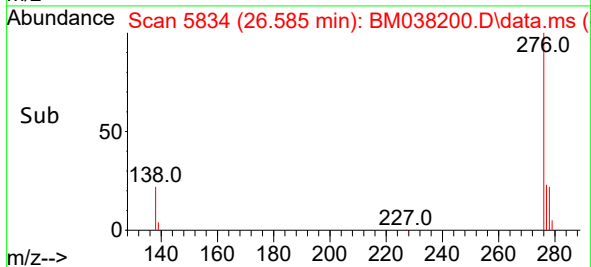
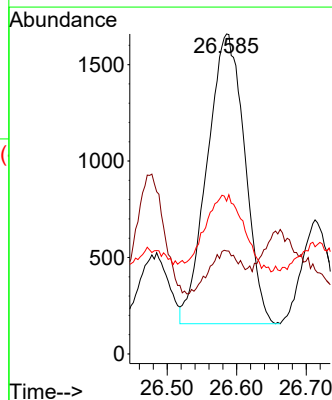
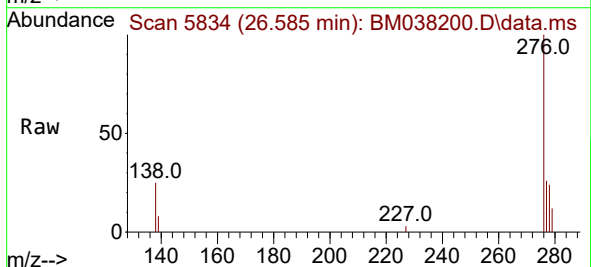
Tgt Ion:278 Resp: 5621

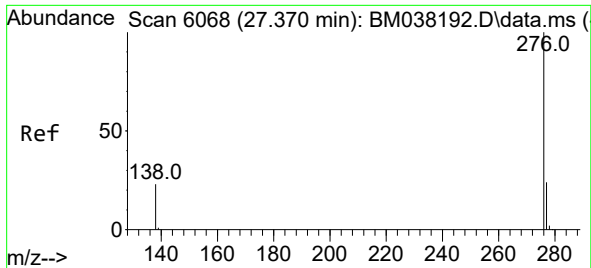
Ion Ratio Lower Upper

278 100

139 32.2 16.8 25.2#

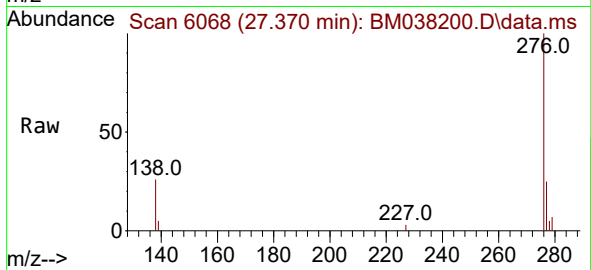
279 47.7 23.4 35.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.400 ng/ul
 RT: 27.370 min Scan# 6068
 Delta R.T. 0.000 min
 Lab File: BM038200.D
 Acq: 22 Dec 2022 16:21

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:	276	Resp:	20172
Ion Ratio	Lower	Upper	
276	100		
138	25.8	20.8	31.2
277	25.5	20.5	30.7

