

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038210.D
 Acq On : 22 Dec 2022 22:32
 Operator : CG/JU
 Sample : N6009-01DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 23 01:49:35 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)

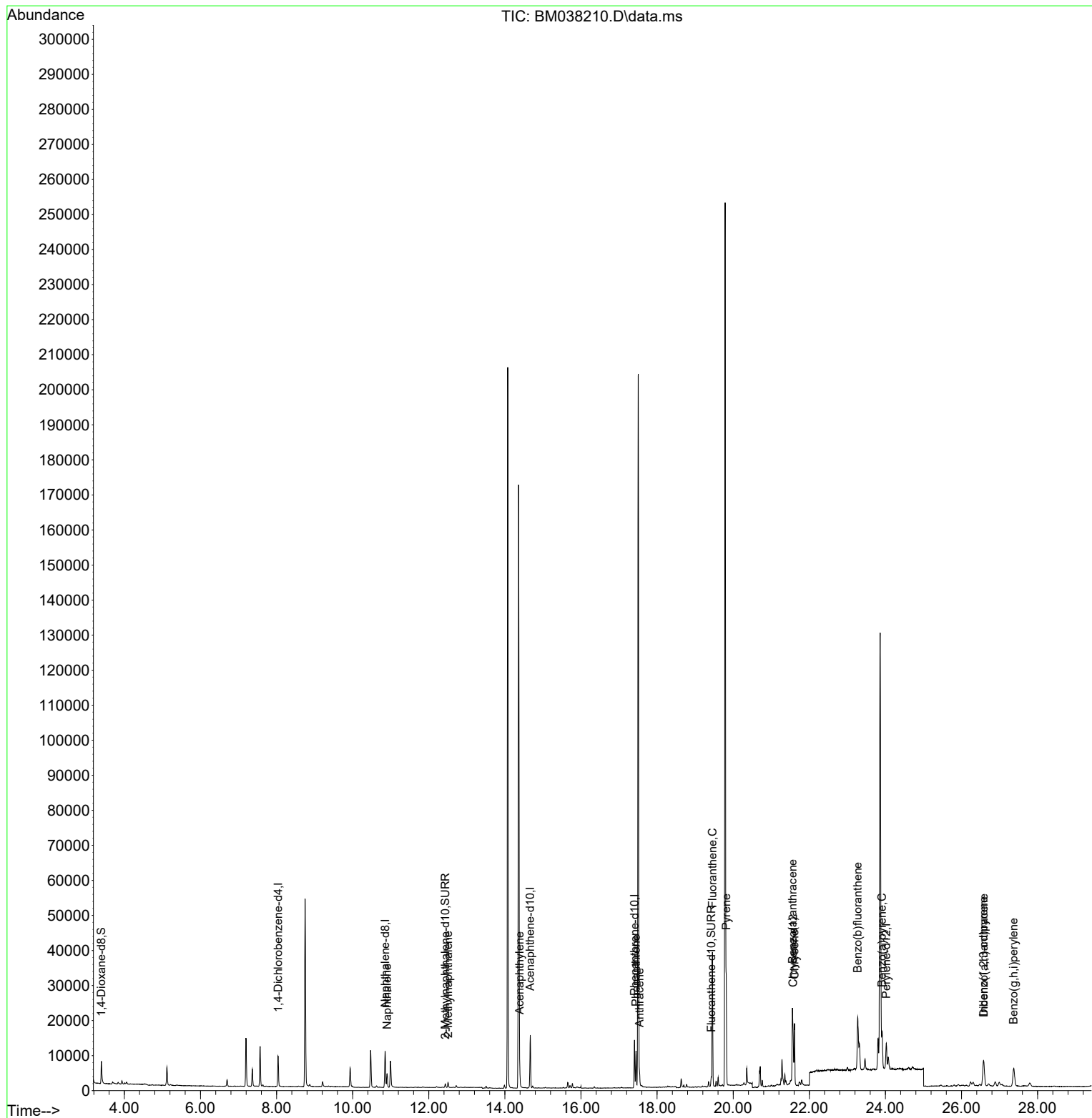
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	4508	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	14126	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	7837	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	15615	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	9999	0.400	ng/ul	0.00
23) Perylene-d12	24.023	264	9848	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.398	96	4450	0.970	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	1336	0.064	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	2652	0.071	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.906	128	5363	0.130	ng/ul	97
7) 2-Methylnaphthalene	12.506	142	1003	0.039	ng/ul	97
10) Acenaphthylene	14.388	152	5056	0.117	ng/ul	96
15) Phenanthrene	17.447	178	10538	0.202	ng/ul	99
16) Anthracene	17.540	178	3398	0.068	ng/ul#	92
19) Fluoranthene	19.455	202	31889	0.582	ng/ul	100
20) Pyrene	19.817	202	26322	0.476	ng/ul	98
21) Benzo(a)anthracene	21.556	228	17329	0.395	ng/ul	95
22) Chrysene	21.609	228	17787	0.417	ng/ul	98
24) Benzo(b)fluoranthene	23.272	252	26789	0.615	ng/ul	99
26) Benzo(a)pyrene	23.912	252	15381	0.404	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.579	276	12924	0.245	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.585	278	3250	0.079	ng/ul#	49
29) Benzo(g,h,i)perylene	27.370	276	11727	0.264	ng/ul	99

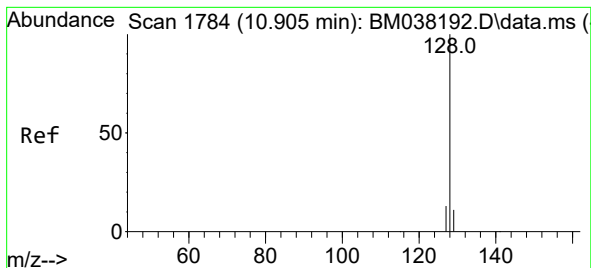
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.130 ng/ul

RT: 10.906 min Scan# 1

Delta R.T. 0.000 min

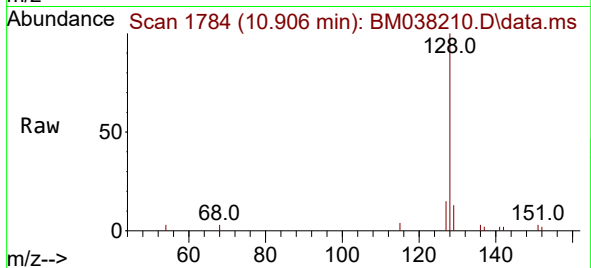
Lab File: BM038210.D

Acq: 22 Dec 2022 22:32

Instrument :

BNA_M

ClientSampleId :



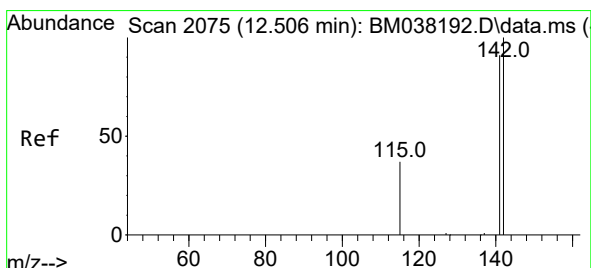
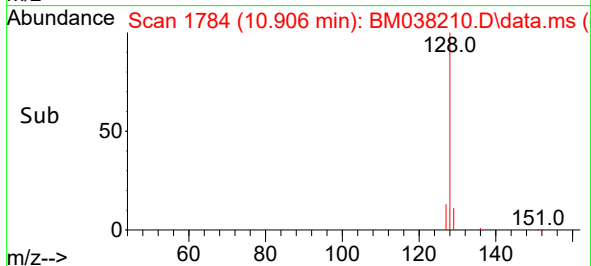
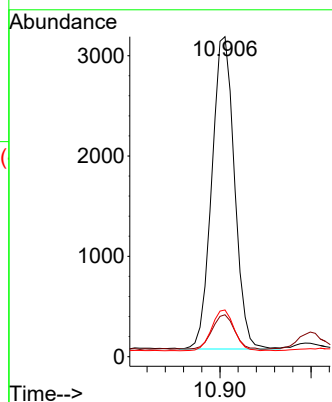
Tgt Ion:128 Resp: 5363

Ion Ratio Lower Upper

128 100

129 13.1 9.4 14.0

127 14.6 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.039 ng/ul

RT: 12.506 min Scan# 2075

Delta R.T. 0.000 min

Lab File: BM038210.D

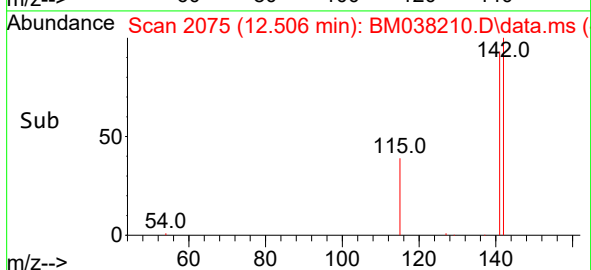
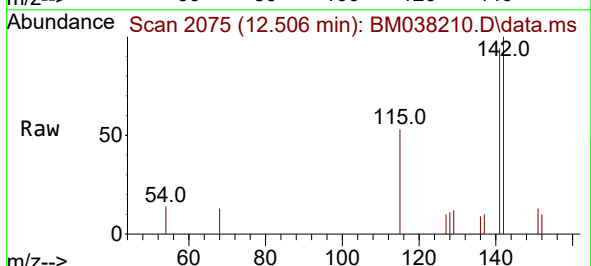
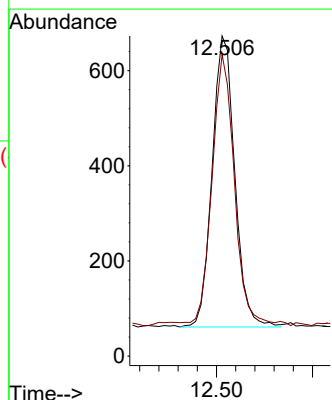
Acq: 22 Dec 2022 22:32

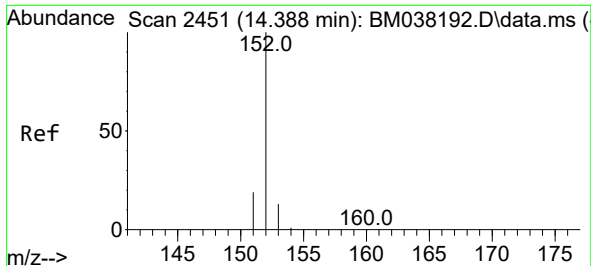
Tgt Ion:142 Resp: 1003

Ion Ratio Lower Upper

142 100

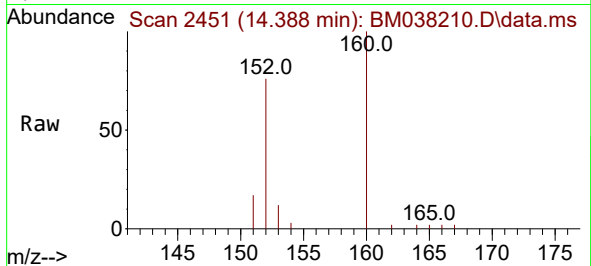
141 92.4 71.9 107.9



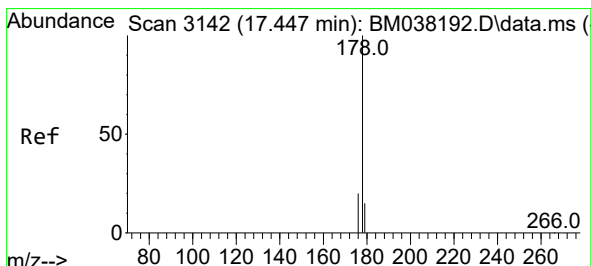
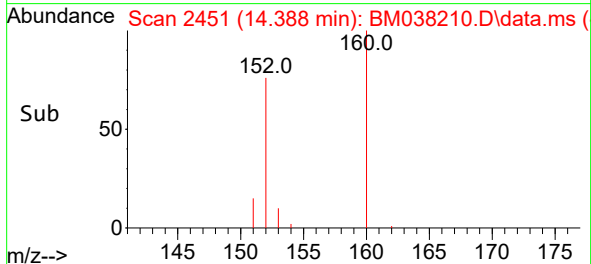
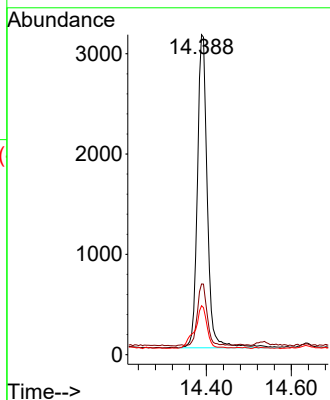


#10
Acenaphthylene
Concen: 0.117 ng/ul
RT: 14.388 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038210.D
Acq: 22 Dec 2022 22:32

Instrument :
BNA_M
ClientSampleId :

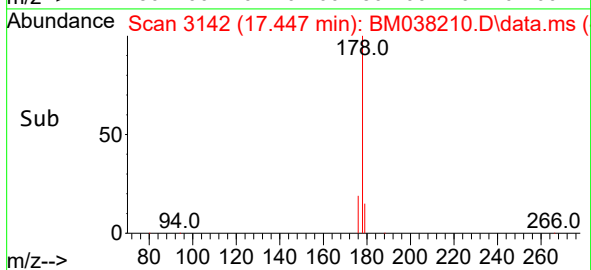
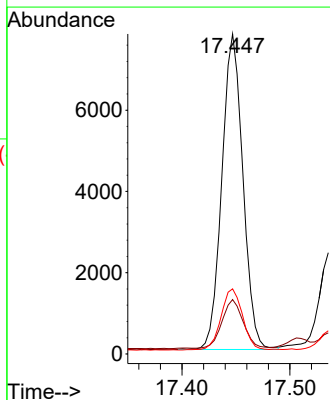
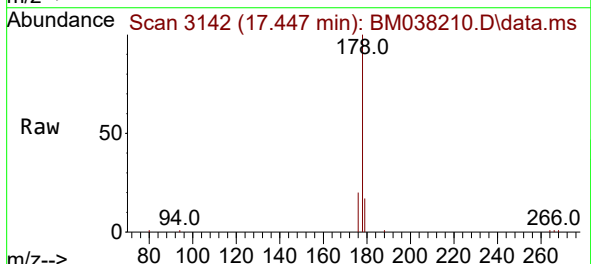


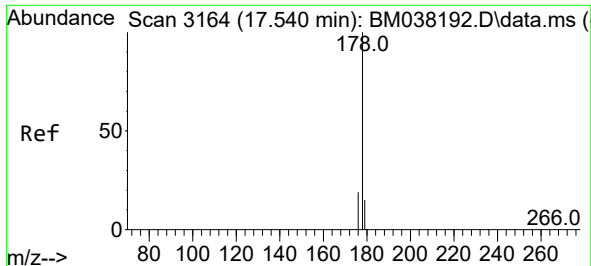
Tgt Ion:152 Resp: 5056
Ion Ratio Lower Upper
152 100
151 22.1 16.2 24.2
153 15.3 10.7 16.1



#15
Phenanthrene
Concen: 0.202 ng/ul
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038210.D
Acq: 22 Dec 2022 22:32

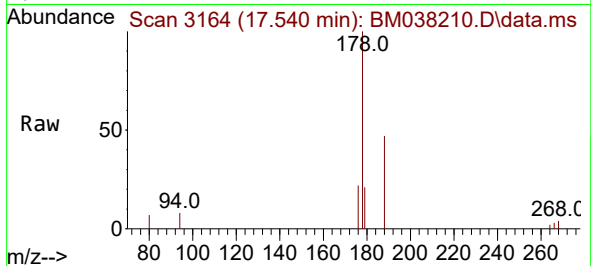
Tgt Ion:178 Resp: 10538
Ion Ratio Lower Upper
178 100
179 17.0 13.0 19.4
176 20.4 16.2 24.4



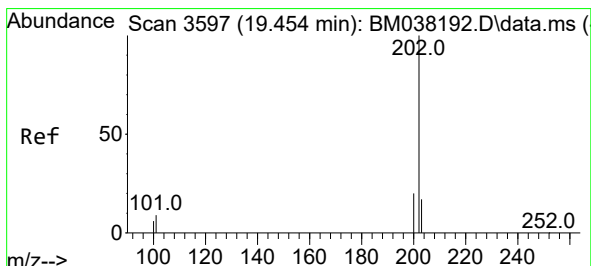
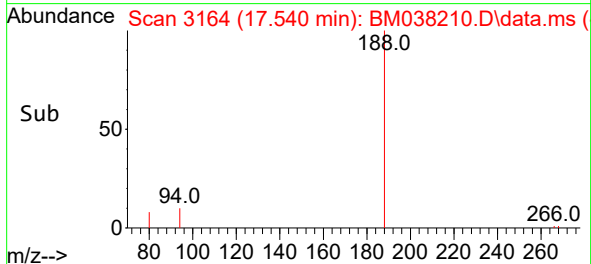
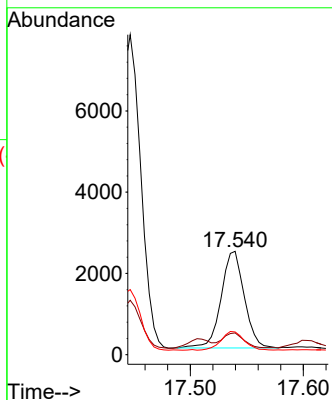


#16
Anthracene
Concen: 0.068 ng/ul
RT: 17.540 min Scan# 3164
Delta R.T. 0.000 min
Lab File: BM038210.D
Acq: 22 Dec 2022 22:32

Instrument :
BNA_M
ClientSampleId :

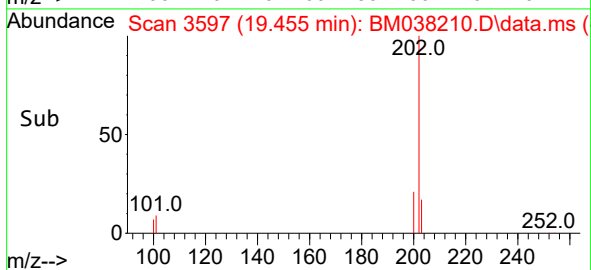
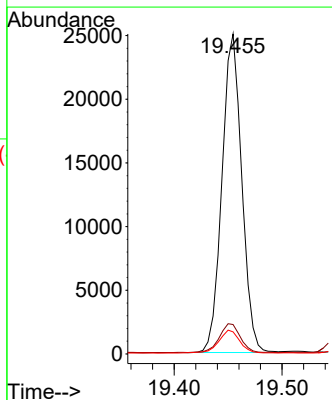
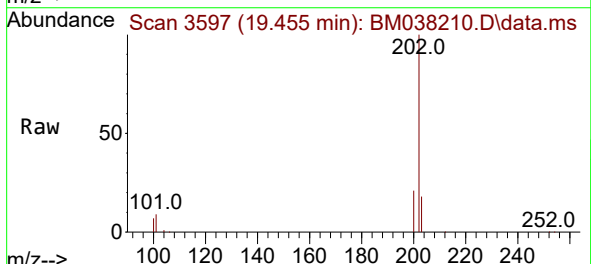


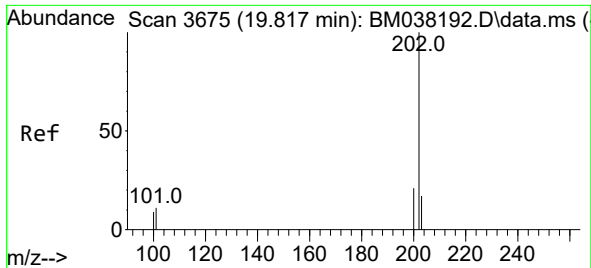
Tgt Ion:178 Resp: 3398
Ion Ratio Lower Upper
178 100
179 21.1 13.0 19.6#
176 22.0 15.6 23.4



#19
Fluoranthene
Concen: 0.582 ng/ul
RT: 19.455 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038210.D
Acq: 22 Dec 2022 22:32

Tgt Ion:202 Resp: 31889
Ion Ratio Lower Upper
202 100
101 9.2 7.5 11.3
100 6.9 5.6 8.4

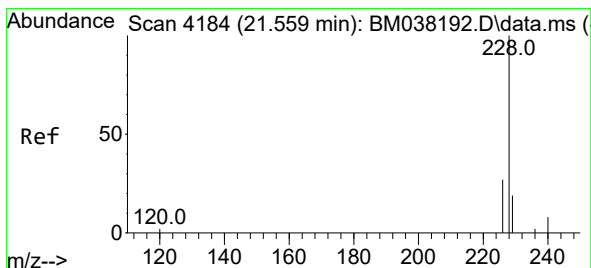
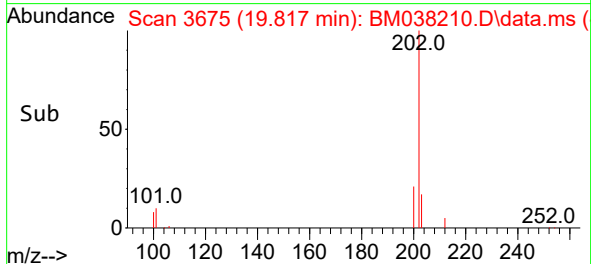
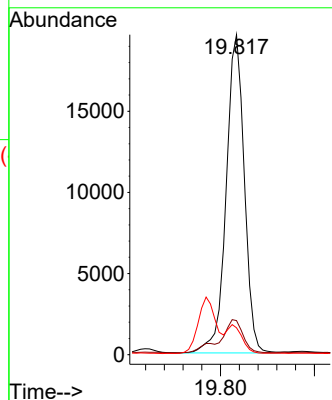
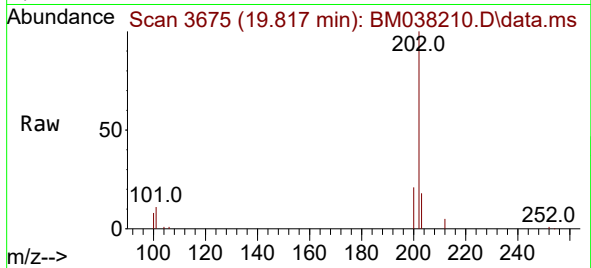




#20
Pyrene
Concen: 0.476 ng/ul
RT: 19.817 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM038210.D
Acq: 22 Dec 2022 22:32

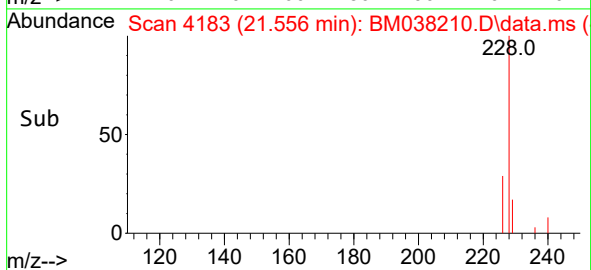
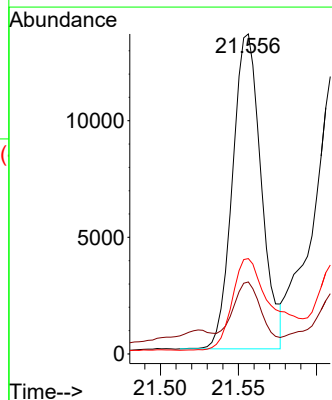
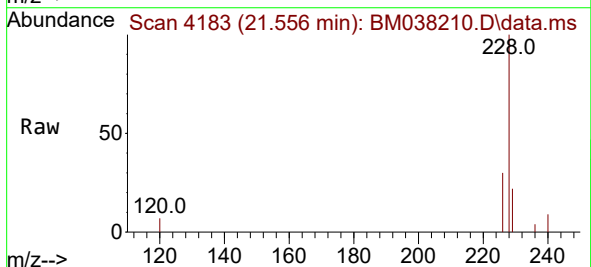
Instrument :
BNA_M
ClientSampleId :

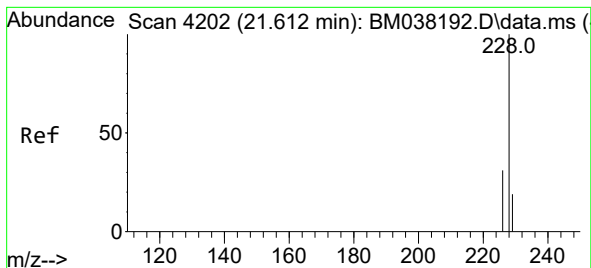
Tgt Ion:202 Resp: 26322
Ion Ratio Lower Upper
202 100
101 10.7 8.9 13.3
100 8.4 7.4 11.0



#21
Benzo(a)anthracene
Concen: 0.395 ng/ul
RT: 21.556 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BM038210.D
Acq: 22 Dec 2022 22:32

Tgt Ion:228 Resp: 17329
Ion Ratio Lower Upper
228 100
229 22.5 15.5 23.3
226 29.8 22.2 33.2





#22

Chrysene

Concen: 0.417 ng/ul

RT: 21.609 min Scan# 41

Delta R.T. -0.003 min

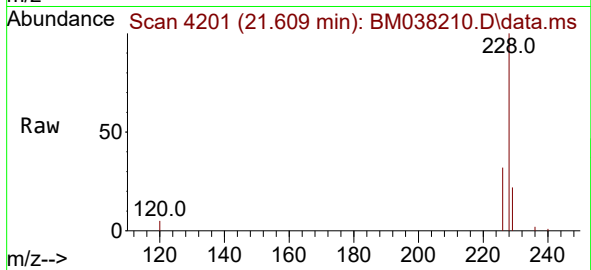
Lab File: BM038210.D

Acq: 22 Dec 2022 22:32

Instrument :

BNA_M

ClientSampleId :



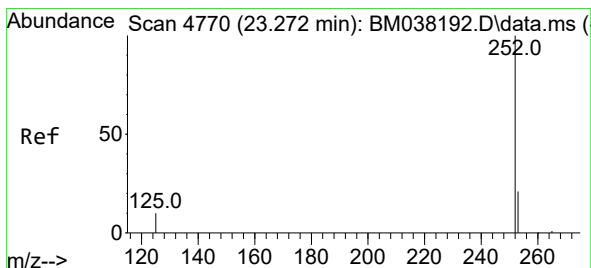
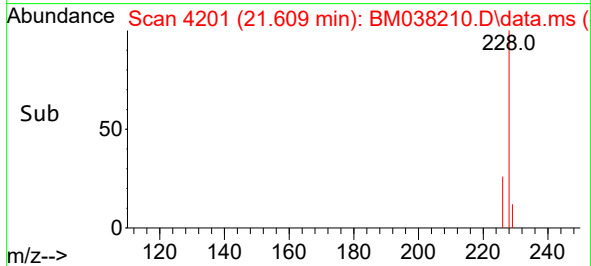
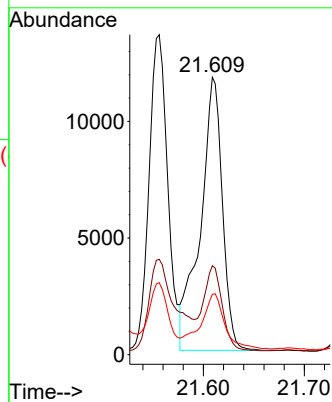
Tgt Ion:228 Resp: 17787

Ion Ratio Lower Upper

228 100

226 32.1 25.0 37.4

229 21.7 16.0 24.0



#24

Benzo(b)fluoranthene

Concen: 0.615 ng/ul

RT: 23.272 min Scan# 4770

Delta R.T. 0.000 min

Lab File: BM038210.D

Acq: 22 Dec 2022 22:32

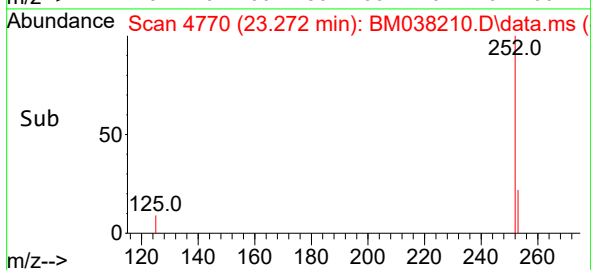
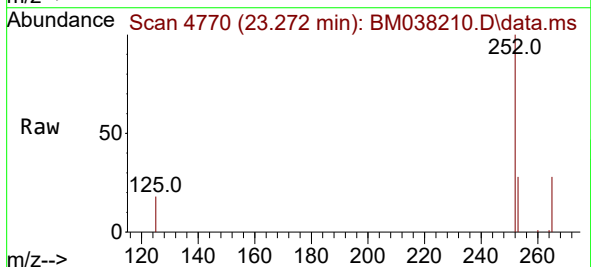
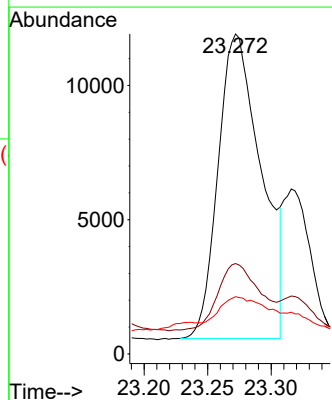
Tgt Ion:252 Resp: 26789

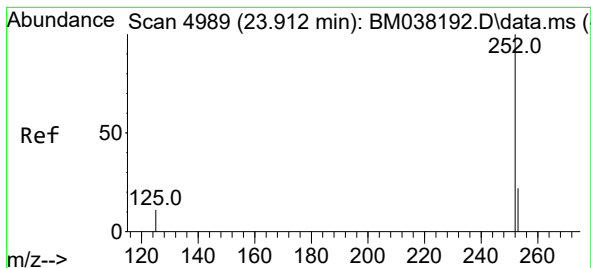
Ion Ratio Lower Upper

252 100

253 28.3 0.0 56.0

125 17.9 0.0 36.6





#26

Benzo(a)pyrene

Concen: 0.404 ng/ul

RT: 23.912 min Scan# 4989

Delta R.T. 0.000 min

Lab File: BM038210.D

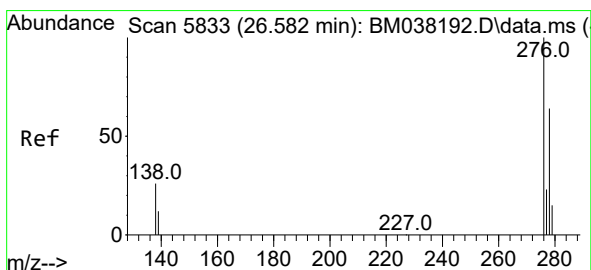
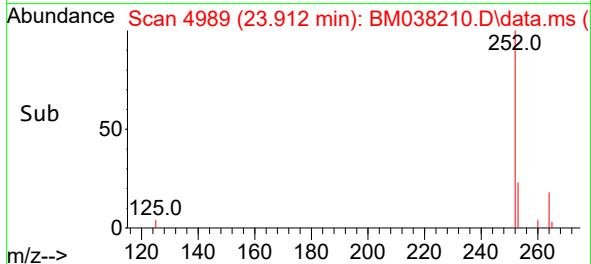
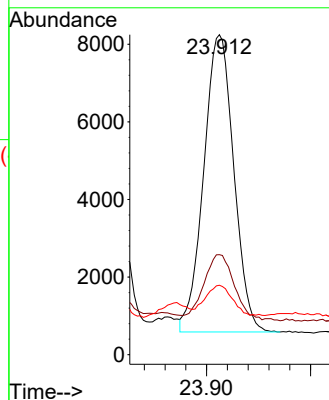
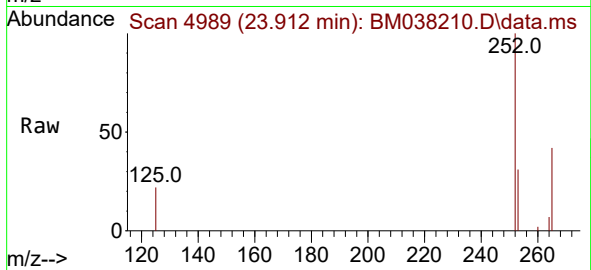
Acq: 22 Dec 2022 22:32

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:252	Resp:	15381
Ion Ratio	Lower	Upper
252	100	
253	31.2	24.2 36.4
125	21.7	17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.245 ng/ul

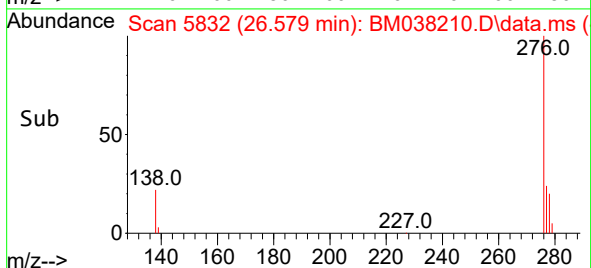
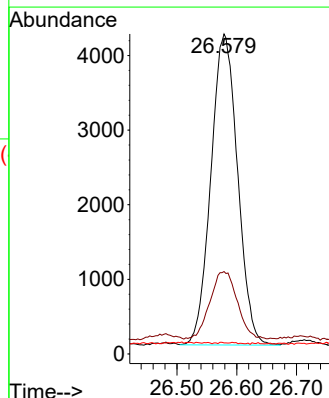
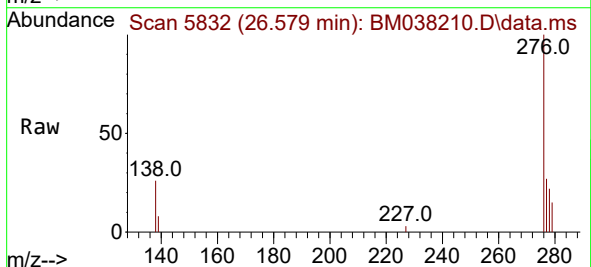
RT: 26.579 min Scan# 5832

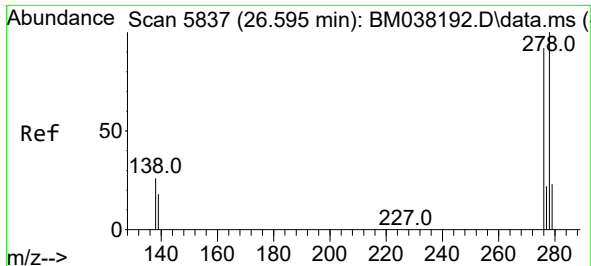
Delta R.T. -0.003 min

Lab File: BM038210.D

Acq: 22 Dec 2022 22:32

Tgt Ion:276	Resp:	12924
Ion Ratio	Lower	Upper
276	100	
138	22.4	21.7 32.5
227	0.2	0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.079 ng/ul

RT: 26.585 min Scan# 5834

Delta R.T. -0.010 min

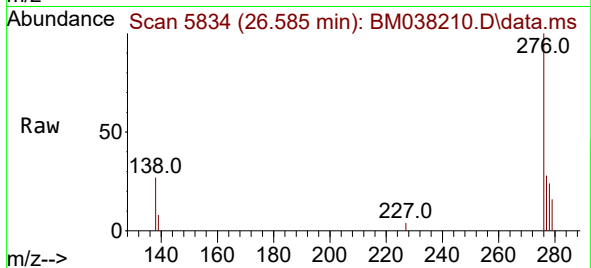
Lab File: BM038210.D

Acq: 22 Dec 2022 22:32

Instrument :

BNA_M

ClientSampleId :



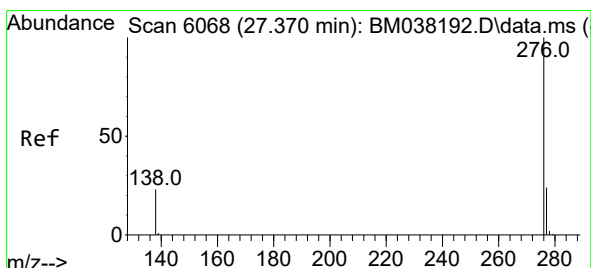
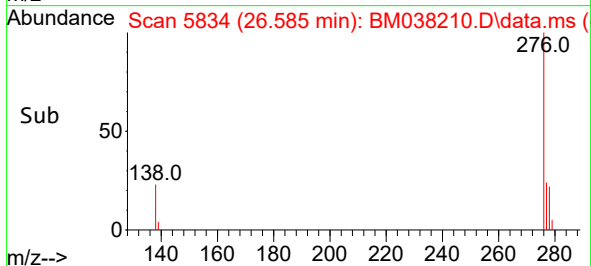
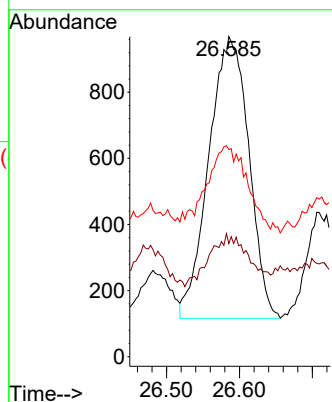
Tgt Ion:278 Resp: 3250

Ion Ratio Lower Upper

278 100

139 35.3 16.8 25.2#

279 64.8 23.4 35.2#



#29

Benzo(g,h,i)perylene

Concen: 0.264 ng/ul

RT: 27.370 min Scan# 6068

Delta R.T. 0.000 min

Lab File: BM038210.D

Acq: 22 Dec 2022 22:32

Tgt Ion:276 Resp: 11727

Ion Ratio Lower Upper

276 100

138 27.1 20.8 31.2

277 26.0 20.5 30.7

