

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038198.D
 Acq On : 22 Dec 2022 15:07
 Operator : CG/JU
 Sample : N6009-11
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYJ6

Quant Time: Dec 23 01:47:49 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)

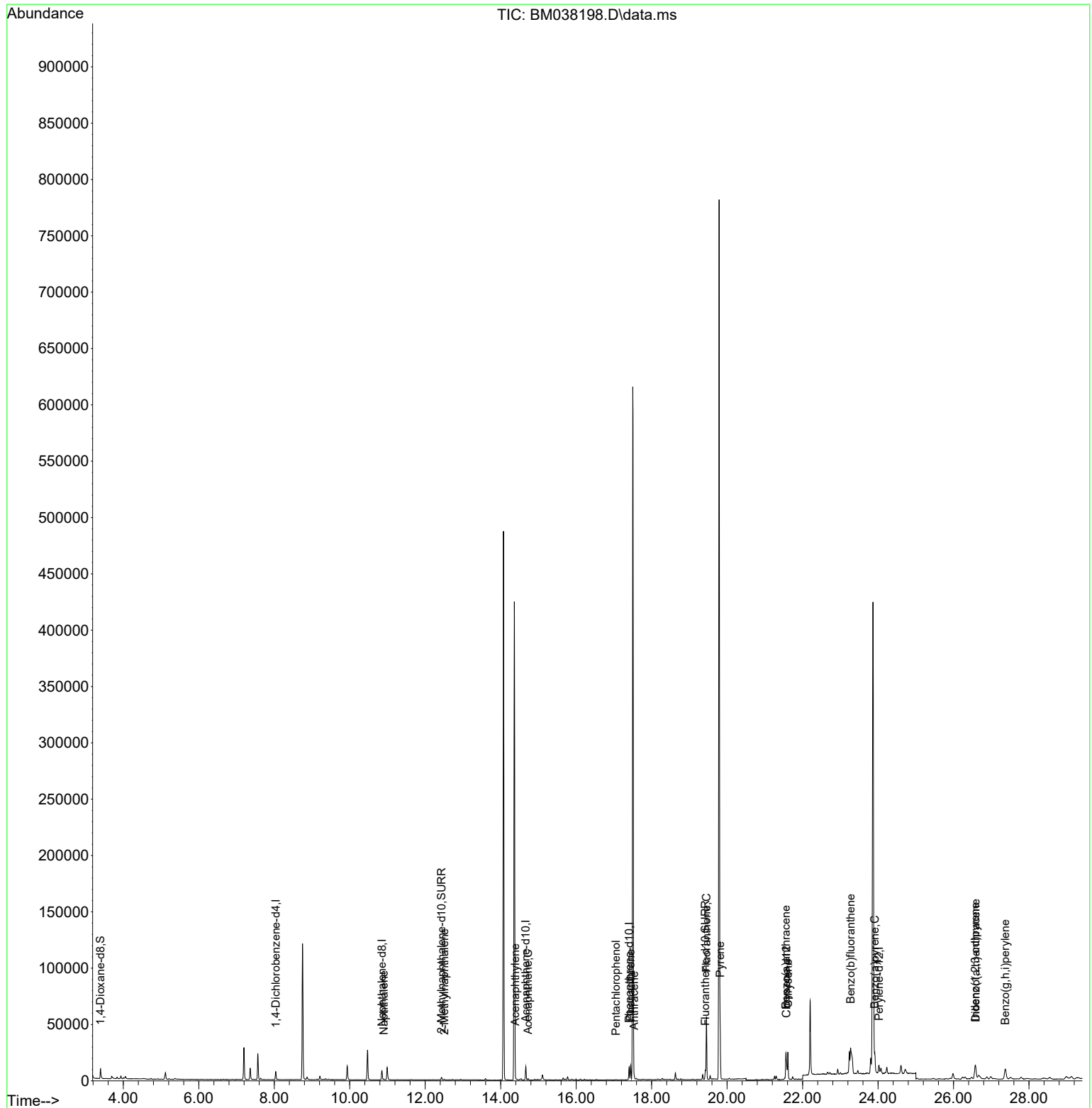
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	3671	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	11203	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	6208	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	12937	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	9651	0.400	ng/ul	0.00
23) Perylene-d12	24.024	264	9939	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.398	96	5840	1.564	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	2901	0.176	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	7944	0.219	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.906	128	948	0.029	ng/ul#	82
7) 2-Methylnaphthalene	12.506	142	424	0.021	ng/ul	91
10) Acenaphthylene	14.389	152	916	0.027	ng/ul#	67
11) Acenaphthene	14.726	153	509	0.021	ng/ul#	92
14) Pentachlorophenol	17.059	266	227	0.035	ng/ul	93
15) Phenanthrene	17.447	178	13226	0.305	ng/ul	100
16) Anthracene	17.536	178	2319	0.056	ng/ul#	87
19) Fluoranthene	19.455	202	45858	0.867	ng/ul	97
20) Pyrene	19.817	202	40373	0.756	ng/ul	99
21) Benzo(a)anthracene	21.556	228	18651	0.441	ng/ul	97
22) Chrysene	21.612	228	24916	0.605	ng/ul	98
24) Benzo(b)fluoranthene	23.272	252	39142	0.890	ng/ul	97
26) Benzo(a)pyrene	23.912	252	23957	0.624	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.575	276	21217	0.399	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.585	278	5147	0.124	ng/ul#	67
29) Benzo(g,h,i)perylene	27.374	276	20637	0.461	ng/ul	98

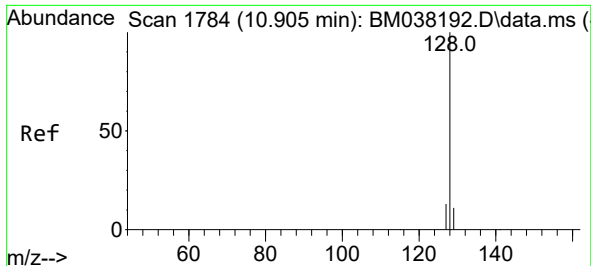
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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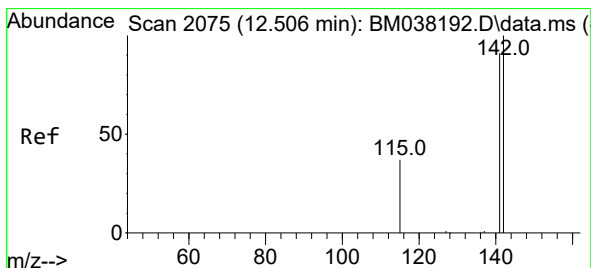
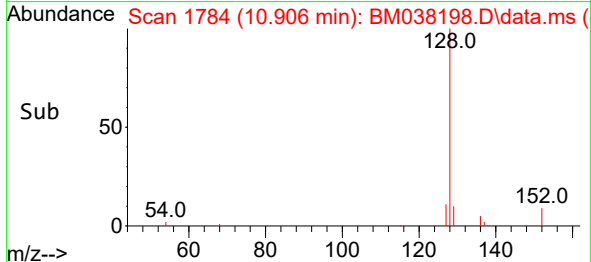
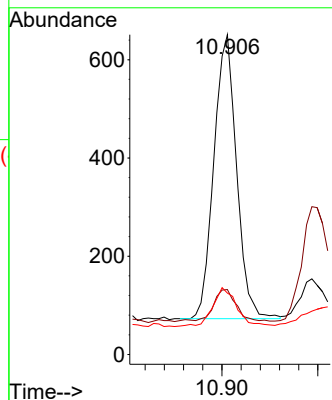
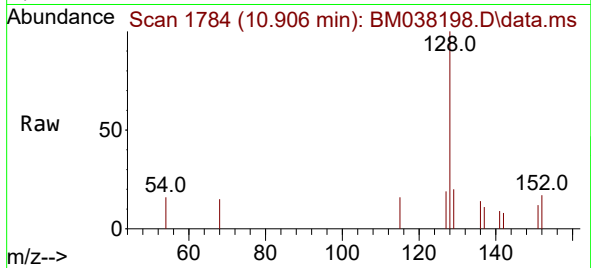




#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.906 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM038198.D
Acq: 22 Dec 2022 15:07

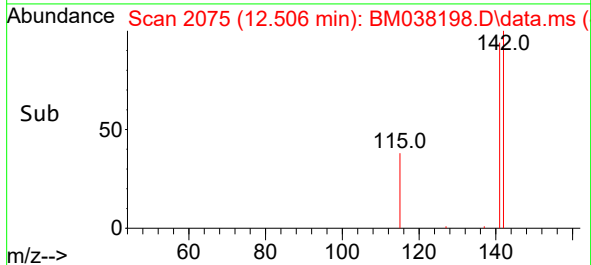
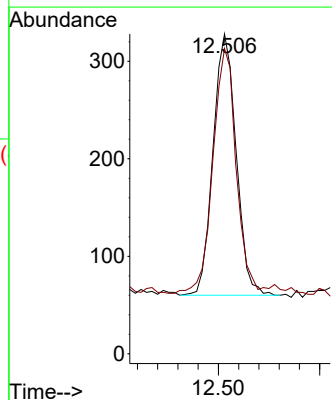
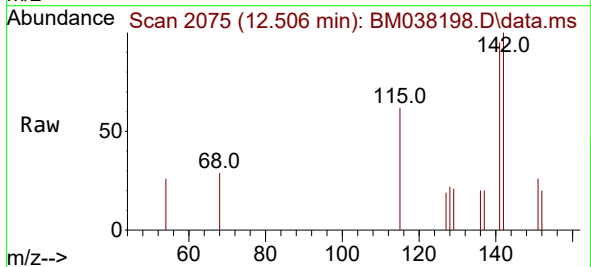
Instrument :
BNA_M
ClientSampleId :
DBYJ6

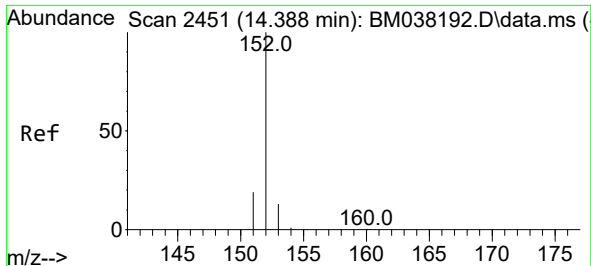
Tgt Ion:128 Resp: 948
Ion Ratio Lower Upper
128 100
129 20.3 9.4 14.0#
127 19.2 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.506 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM038198.D
Acq: 22 Dec 2022 15:07

Tgt Ion:142 Resp: 424
Ion Ratio Lower Upper
142 100
141 98.3 71.9 107.9

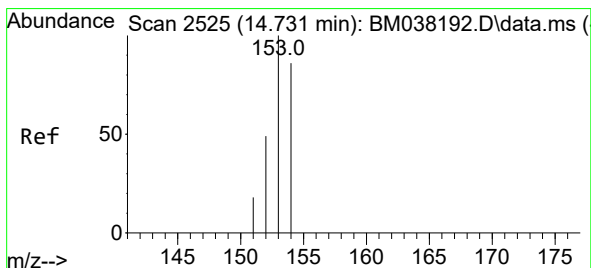
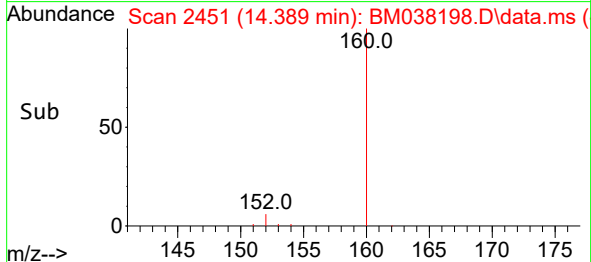
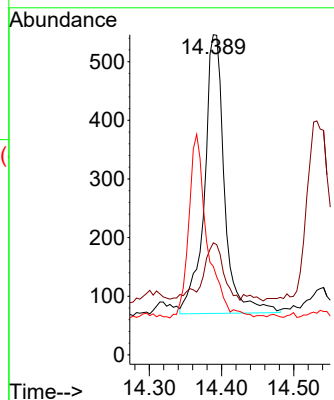
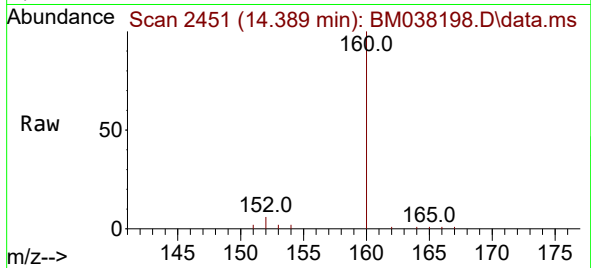




#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.389 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038198.D
Acq: 22 Dec 2022 15:07

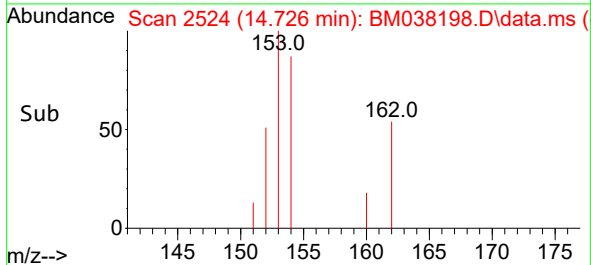
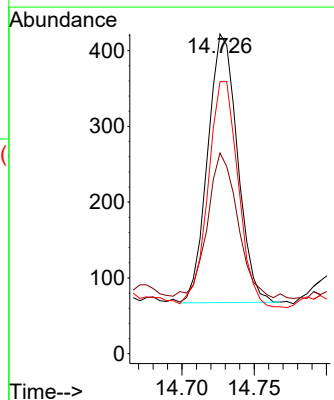
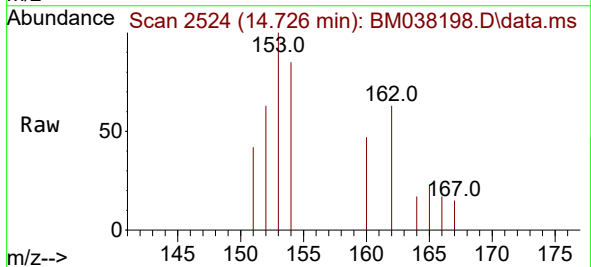
Instrument :
BNA_M
ClientSampleId :
DBYJ6

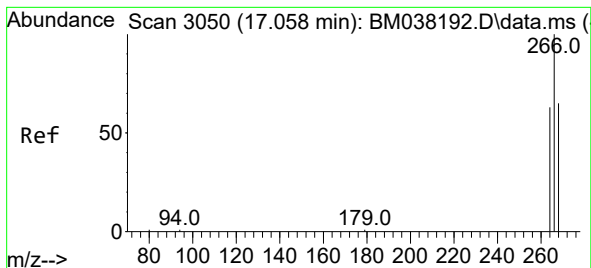
Tgt Ion:152 Resp: 916
Ion Ratio Lower Upper
152 100
151 35.0 16.2 24.2#
153 27.7 10.7 16.1#



#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.726 min Scan# 2524
Delta R.T. -0.004 min
Lab File: BM038198.D
Acq: 22 Dec 2022 15:07

Tgt Ion:153 Resp: 509
Ion Ratio Lower Upper
153 100
152 62.8 39.4 59.0#
154 85.1 69.0 103.4





#14

Pentachlorophenol

Concen: 0.035 ng/ul

RT: 17.059 min Scan# 3050

Delta R.T. 0.000 min

Lab File: BM038198.D

Acq: 22 Dec 2022 15:07

Instrument :

BNA_M

ClientSampleId :

DBYJ6

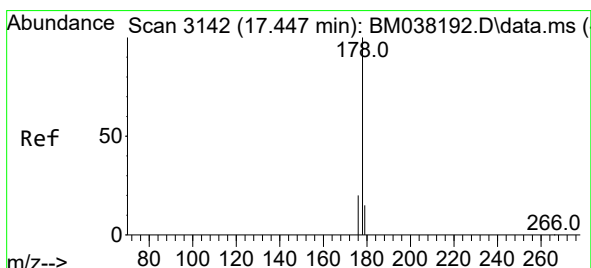
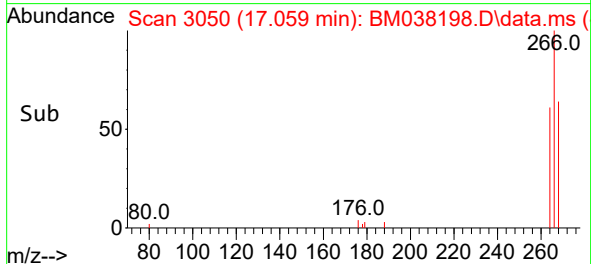
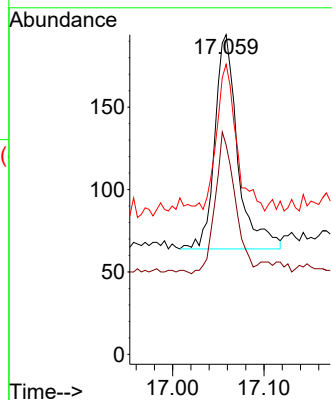
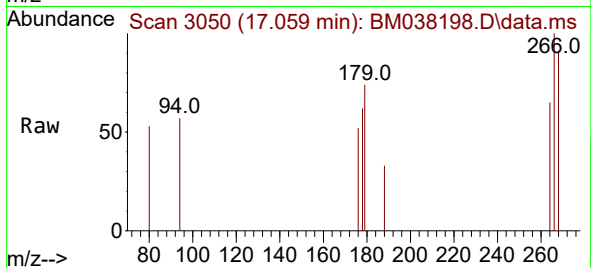
Tgt Ion:266 Resp: 227

Ion Ratio Lower Upper

266 100

264 57.7 49.9 74.9

268 58.1 51.2 76.8



#15

Phenanthrene

Concen: 0.305 ng/ul

RT: 17.447 min Scan# 3142

Delta R.T. 0.000 min

Lab File: BM038198.D

Acq: 22 Dec 2022 15:07

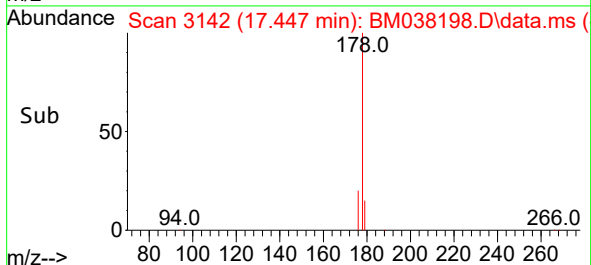
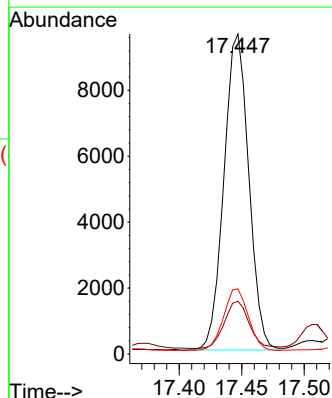
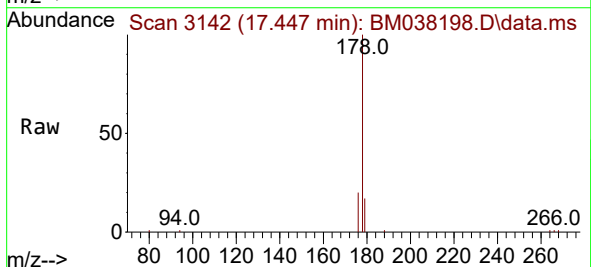
Tgt Ion:178 Resp: 13226

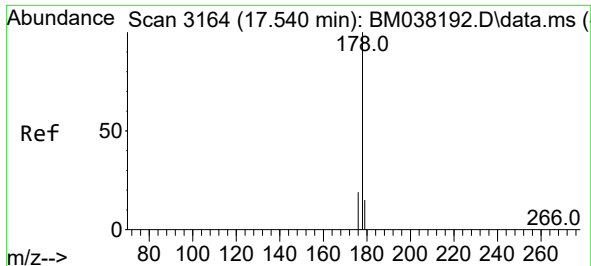
Ion Ratio Lower Upper

178 100

179 16.5 13.0 19.4

176 20.3 16.2 24.4

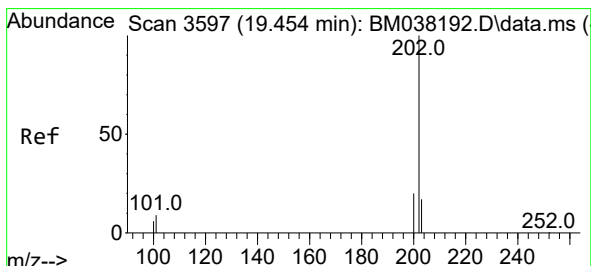
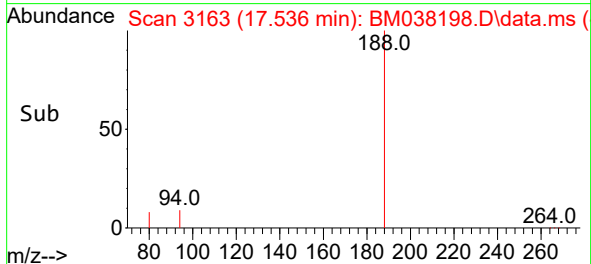
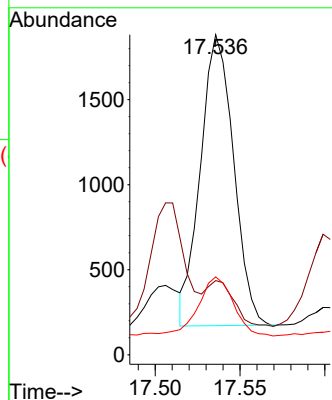
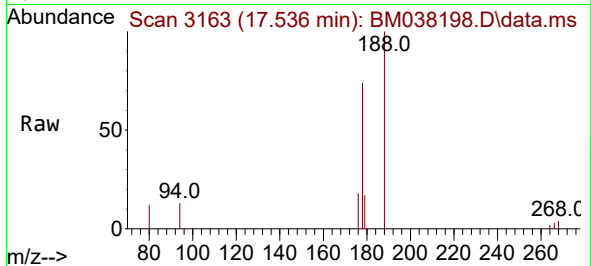




#16
 Anthracene
 Concen: 0.056 ng/ul
 RT: 17.536 min Scan# 3163
 Delta R.T. -0.004 min
 Lab File: BM038198.D
 Acq: 22 Dec 2022 15:07

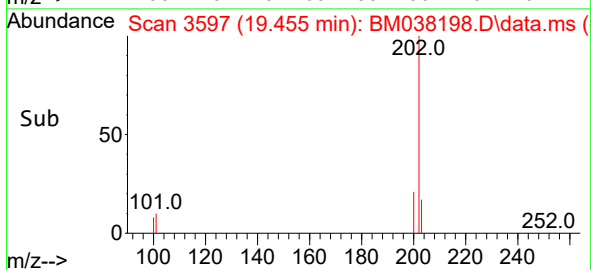
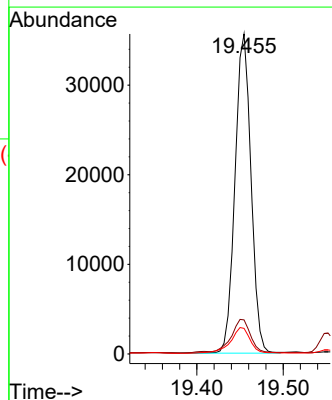
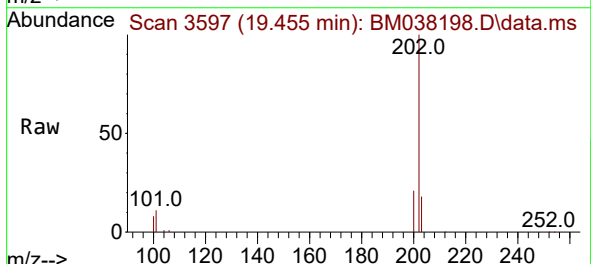
Instrument :
 BNA_M
 ClientSampleId :
 DBYJ6

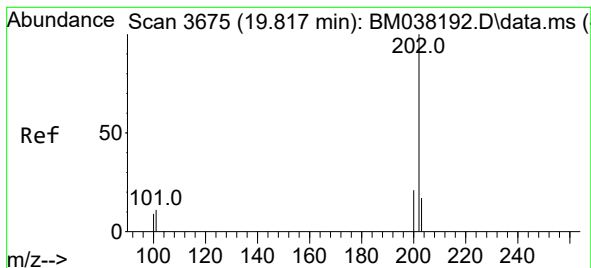
Tgt Ion:178 Resp: 2319
 Ion Ratio Lower Upper
 178 100
 179 23.2 13.0 19.6#
 176 24.3 15.6 23.4#



#19
 Fluoranthene
 Concen: 0.867 ng/ul
 RT: 19.455 min Scan# 3597
 Delta R.T. 0.000 min
 Lab File: BM038198.D
 Acq: 22 Dec 2022 15:07

Tgt Ion:202 Resp: 45858
 Ion Ratio Lower Upper
 202 100
 101 10.7 7.5 11.3
 100 8.0 5.6 8.4





#20

Pyrene

Concen: 0.756 ng/ul

RT: 19.817 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM038198.D

Acq: 22 Dec 2022 15:07

Instrument :

BNA_M

ClientSampleId :

DBYJ6

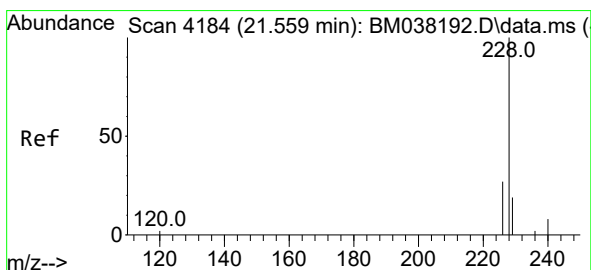
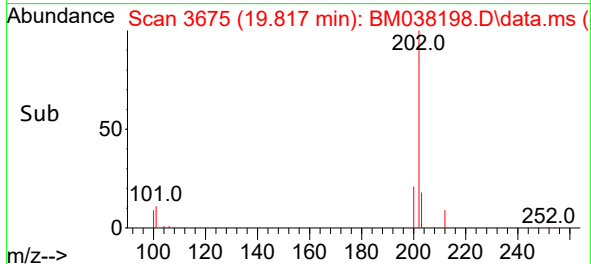
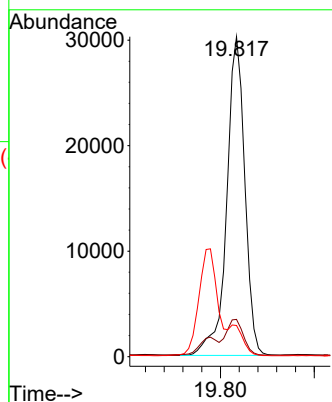
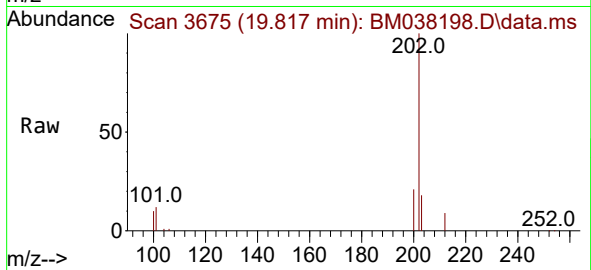
Tgt Ion:202 Resp: 40373

Ion Ratio Lower Upper

202 100

101 11.6 8.9 13.3

100 9.7 7.4 11.0



#21

Benzo(a)anthracene

Concen: 0.441 ng/ul

RT: 21.556 min Scan# 4183

Delta R.T. -0.003 min

Lab File: BM038198.D

Acq: 22 Dec 2022 15:07

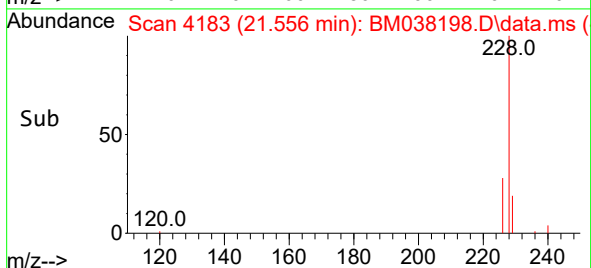
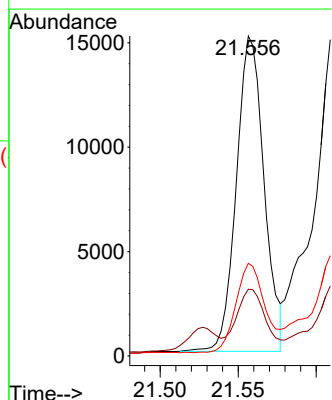
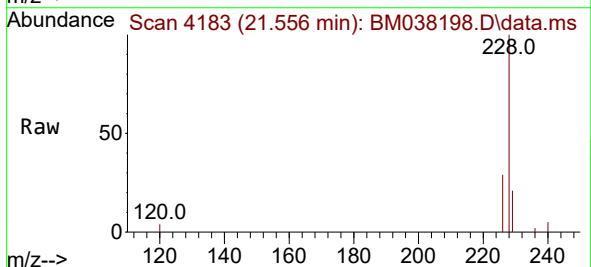
Tgt Ion:228 Resp: 18651

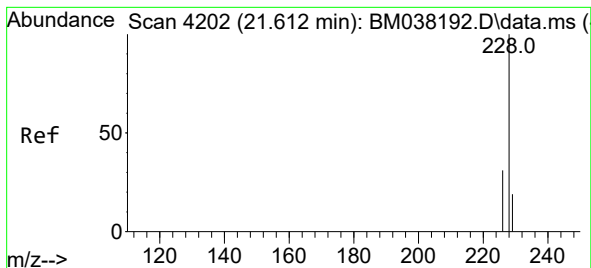
Ion Ratio Lower Upper

228 100

229 20.9 15.5 23.3

226 29.0 22.2 33.2





#22

Chrysene

Concen: 0.605 ng/ul

RT: 21.612 min Scan# 41

Delta R.T. 0.000 min

Lab File: BM038198.D

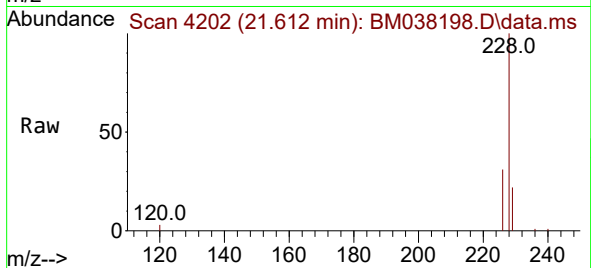
Acq: 22 Dec 2022 15:07

Instrument :

BNA_M

ClientSampleId :

DBYJ6



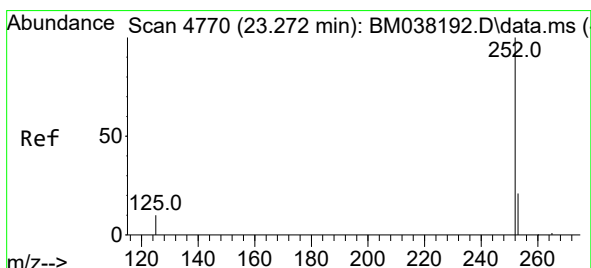
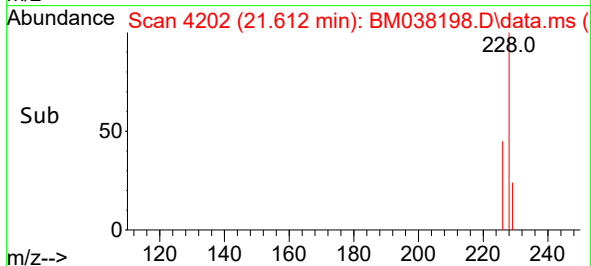
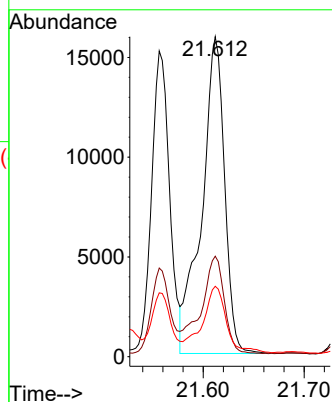
Tgt Ion:228 Resp: 24916

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.4

229 22.0 16.0 24.0



#24

Benzo(b)fluoranthene

Concen: 0.890 ng/ul

RT: 23.272 min Scan# 4770

Delta R.T. 0.000 min

Lab File: BM038198.D

Acq: 22 Dec 2022 15:07

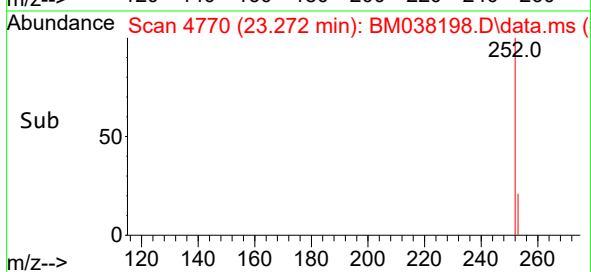
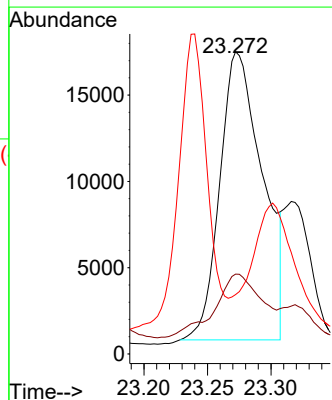
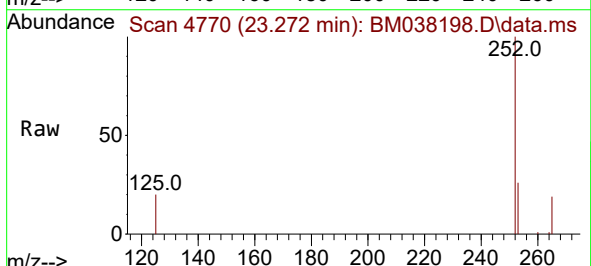
Tgt Ion:252 Resp: 39142

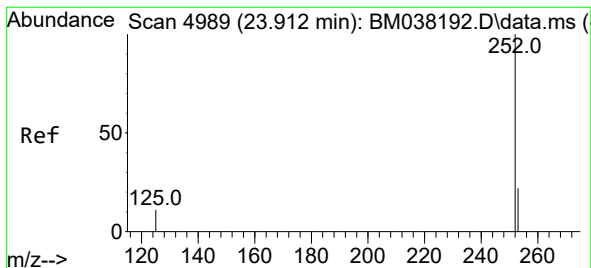
Ion Ratio Lower Upper

252 100

253 26.4 0.0 56.0

125 19.6 0.0 36.6





#26

Benzo(a)pyrene

Concen: 0.624 ng/ul

RT: 23.912 min Scan# 4989

Delta R.T. 0.000 min

Lab File: BM038198.D

Acq: 22 Dec 2022 15:07

Instrument :

BNA_M

ClientSampleId :

DBYJ6

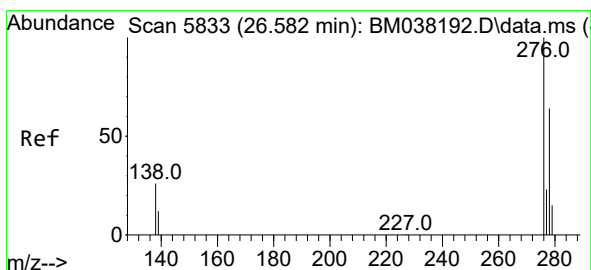
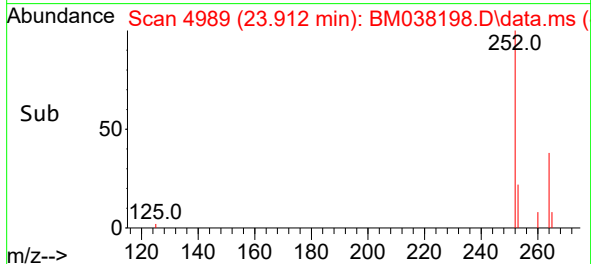
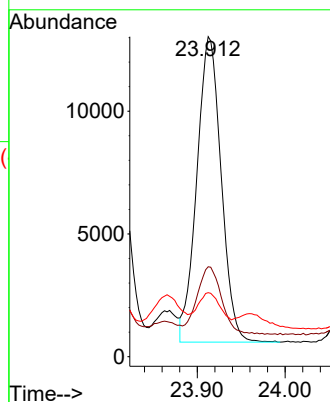
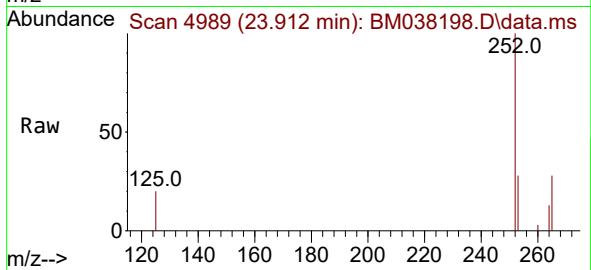
Tgt Ion:252 Resp: 23957

Ion Ratio Lower Upper

252 100

253 28.1 24.2 36.4

125 20.0 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.399 ng/ul

RT: 26.575 min Scan# 5831

Delta R.T. -0.006 min

Lab File: BM038198.D

Acq: 22 Dec 2022 15:07

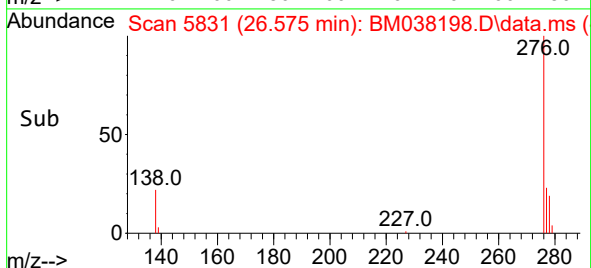
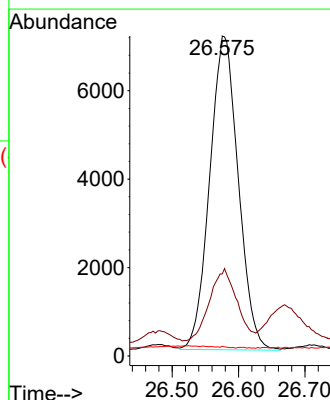
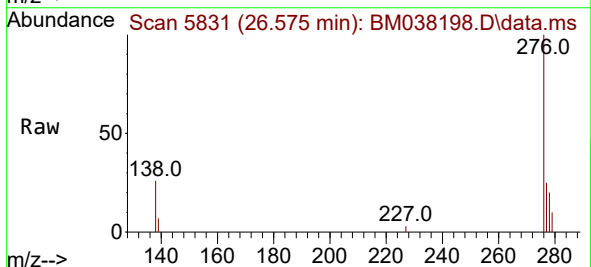
Tgt Ion:276 Resp: 21217

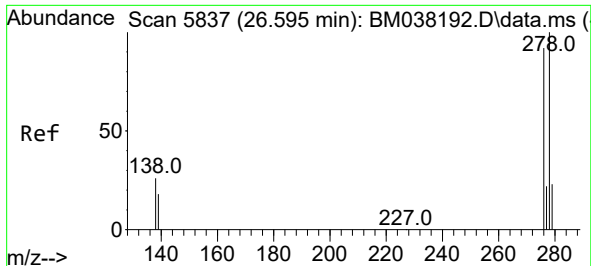
Ion Ratio Lower Upper

276 100

138 22.9 21.7 32.5

227 0.0 0.0 0.0

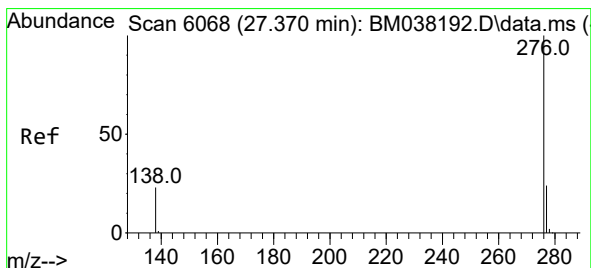
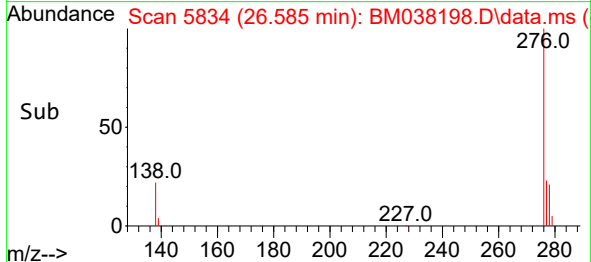
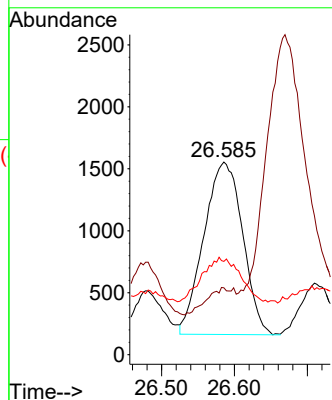
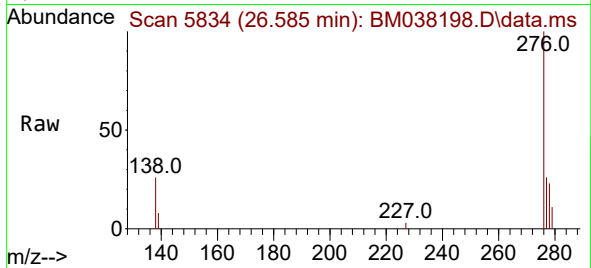




#28
Dibenzo(a,h)anthracene
Concen: 0.124 ng/ul
RT: 26.585 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM038198.D
Acq: 22 Dec 2022 15:07

Instrument :
BNA_M
ClientSampleId :
DBYJ6

Tgt Ion:278 Resp: 5147
Ion Ratio Lower Upper
278 100
139 34.7 16.8 25.2#
279 48.5 23.4 35.2#



#29
Benzo(g,h,i)perylene
Concen: 0.461 ng/ul
RT: 27.374 min Scan# 6069
Delta R.T. 0.004 min
Lab File: BM038198.D
Acq: 22 Dec 2022 15:07

Tgt Ion:276 Resp: 20637
Ion Ratio Lower Upper
276 100
138 27.6 20.8 31.2
277 25.5 20.5 30.7

