

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038199.D
 Acq On : 22 Dec 2022 15:44
 Operator : CG/JU
 Sample : N6009-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 23 01:47:59 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)

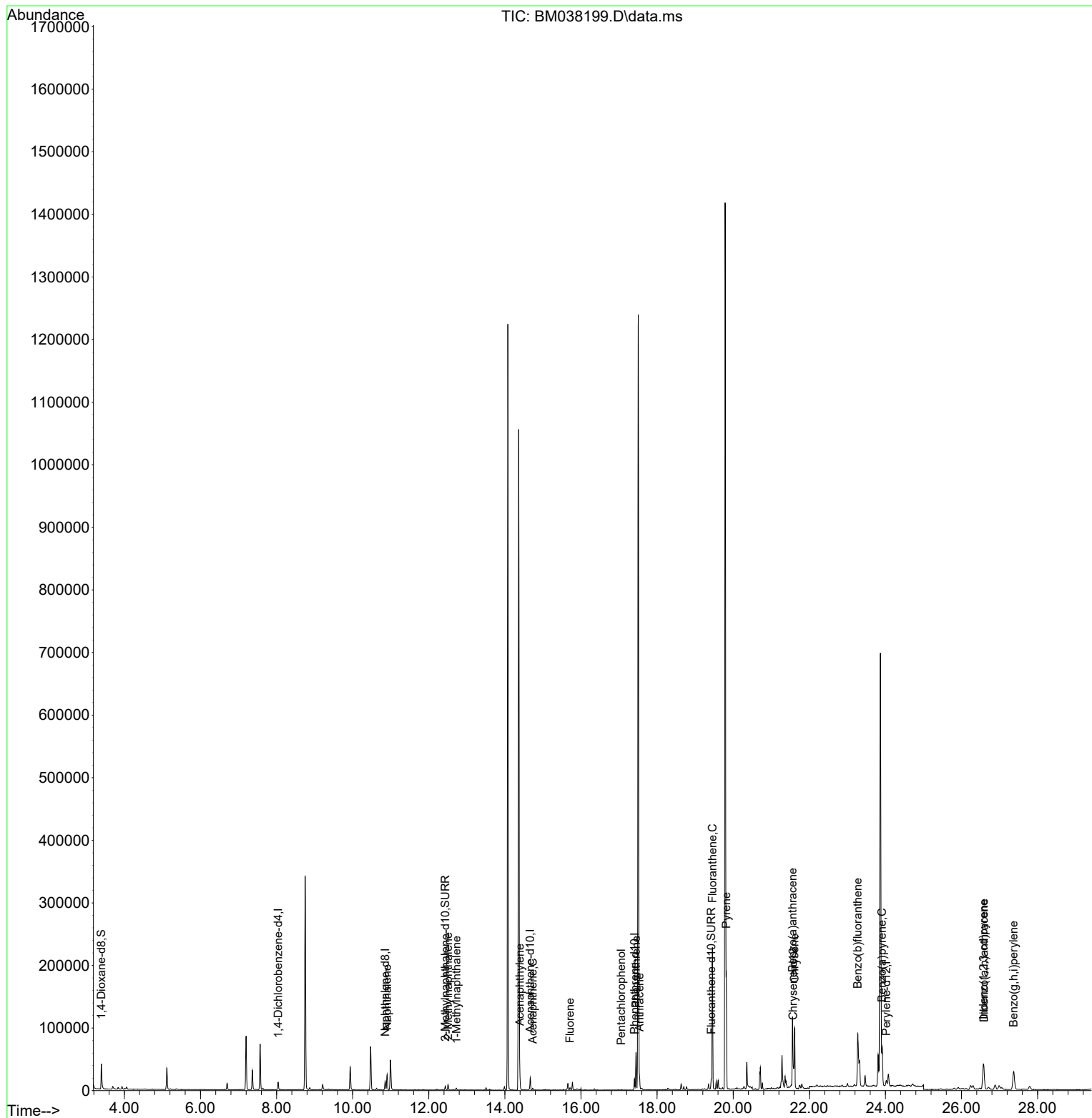
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.042	152	6107	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	18994	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	10517	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	20534	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	12846	0.400	ng/ul	# 0.00
23) Perylene-d12	24.023	264	12197	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	25692	4.136	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	8111	0.290	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	15472	0.321	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.906	128	32141	0.577	ng/ul	99
7) 2-Methylnaphthalene	12.506	142	6036	0.174	ng/ul	100
8) 1-Methylnaphthalene	12.726	142	2066	0.058	ng/ul	100
10) Acenaphthylene	14.393	152	27023	0.466	ng/ul	99
11) Acenaphthene	14.731	153	1875	0.045	ng/ul	97
12) Fluorene	15.712	166	2350	0.052	ng/ul#	96
14) Pentachlorophenol	17.058	266	212	0.021	ng/ul#	89
15) Phenanthrene	17.447	178	60841	0.885	ng/ul	99
16) Anthracene	17.540	178	19201	0.291	ng/ul	99
19) Fluoranthene	19.454	202	186110	2.644	ng/ul	100
20) Pyrene	19.817	202	144274	2.029	ng/ul	100
21) Benzo(a)anthracene	21.559	228	96318	1.709	ng/ul	97
22) Chrysene	21.612	228	98454	1.795	ng/ul	98
24) Benzo(b)fluoranthene	23.272	252	144876	2.683	ng/ul	89
26) Benzo(a)pyrene	23.912	252	85608	1.817	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.575	276	70438	1.078	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.589	278	17203	0.339	ng/ul	94
29) Benzo(g,h,i)perylene	27.370	276	63603	1.157	ng/ul	96

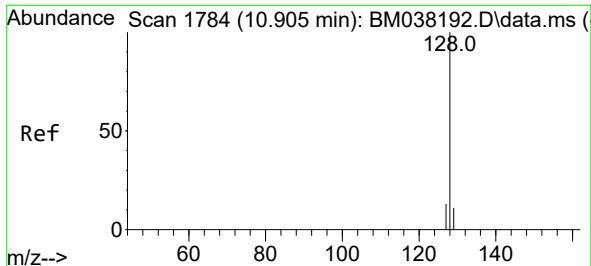
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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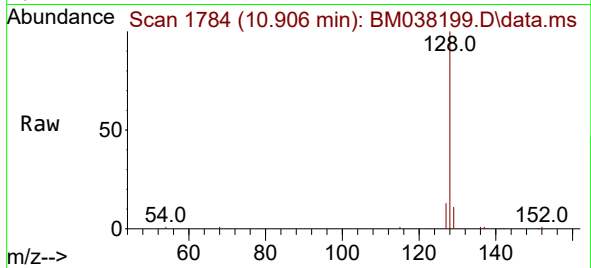
Quant Time: Dec 23 01:47:59 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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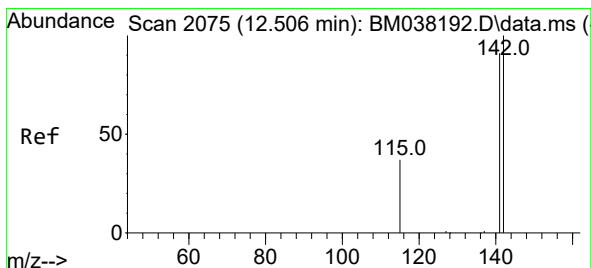
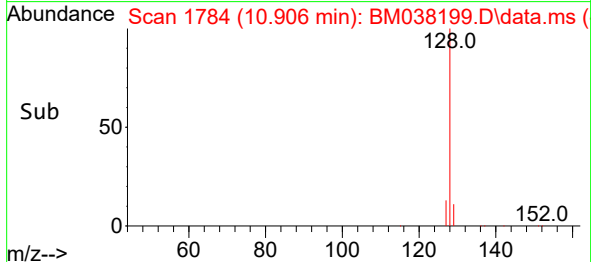
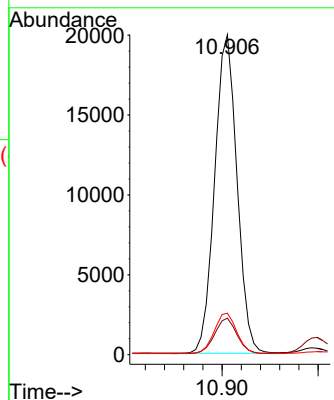


#5
Naphthalene
Concen: 0.577 ng/ul
RT: 10.906 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM038199.D
Acq: 22 Dec 2022 15:44

Instrument :
BNA_M
ClientSampleId :

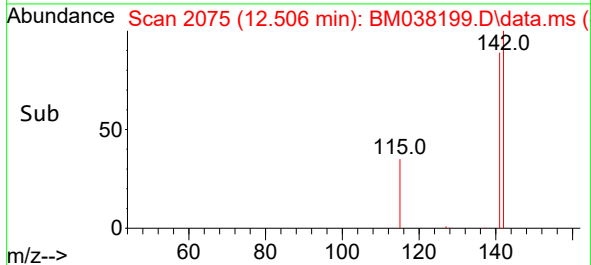
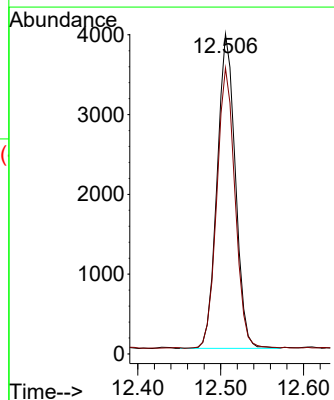
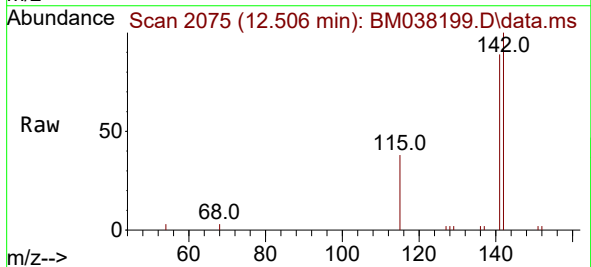


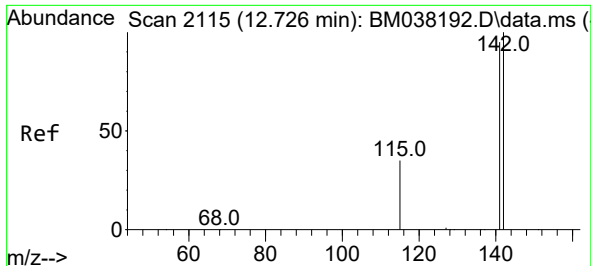
Tgt Ion:128 Resp: 32141
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.0 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.174 ng/ul
RT: 12.506 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM038199.D
Acq: 22 Dec 2022 15:44

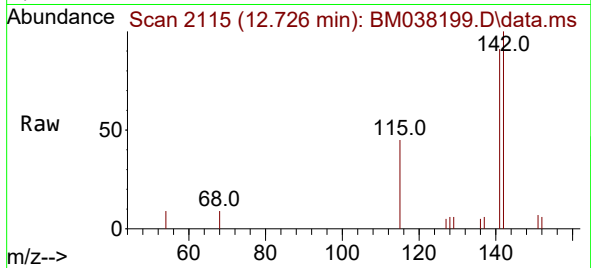
Tgt Ion:142 Resp: 6036
Ion Ratio Lower Upper
142 100
141 89.5 71.9 107.9



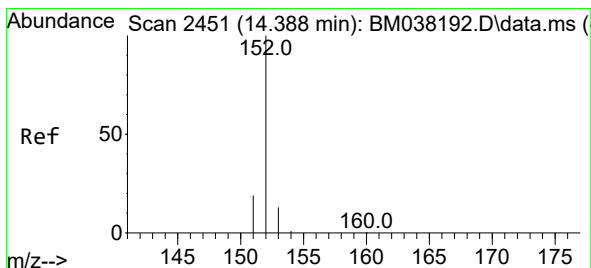
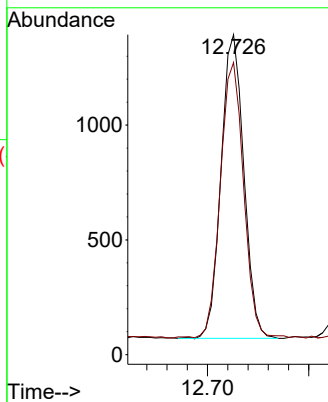
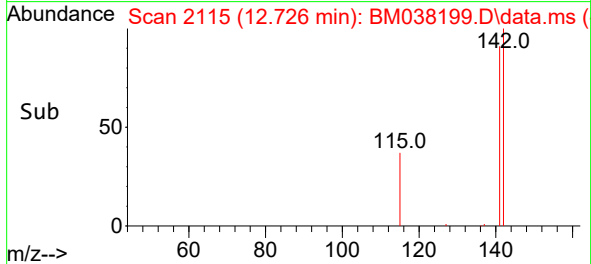


#8
1-Methylnaphthalene
Concen: 0.058 ng/ul
RT: 12.726 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM038199.D
Acq: 22 Dec 2022 15:44

Instrument :
BNA_M
ClientSampleId :

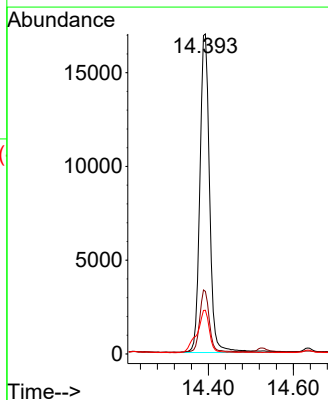
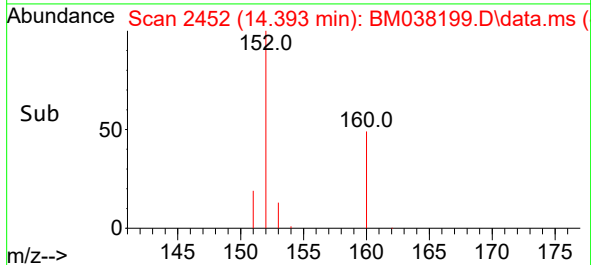
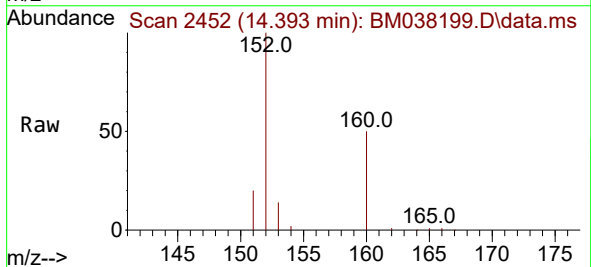


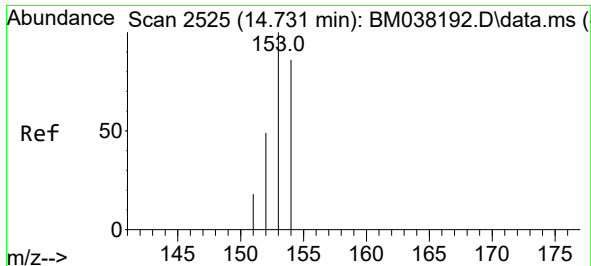
Tgt Ion:142 Resp: 2066
Ion Ratio Lower Upper
142 100
141 93.3 74.7 112.1



#10
Acenaphthylene
Concen: 0.466 ng/ul
RT: 14.393 min Scan# 2452
Delta R.T. 0.005 min
Lab File: BM038199.D
Acq: 22 Dec 2022 15:44

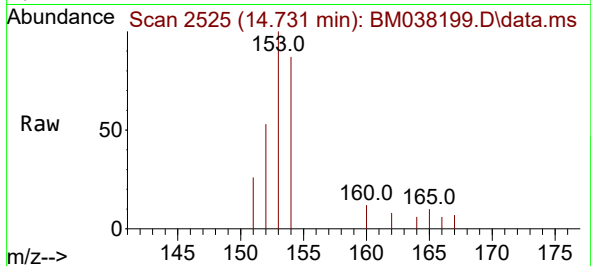
Tgt Ion:152 Resp: 27023
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.2
153 13.7 10.7 16.1



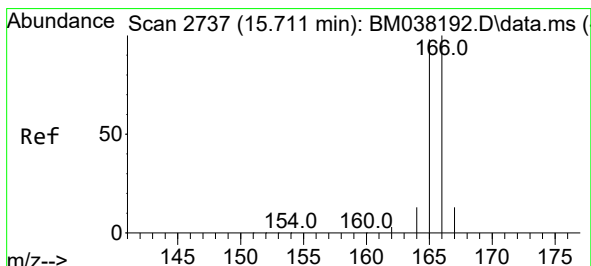
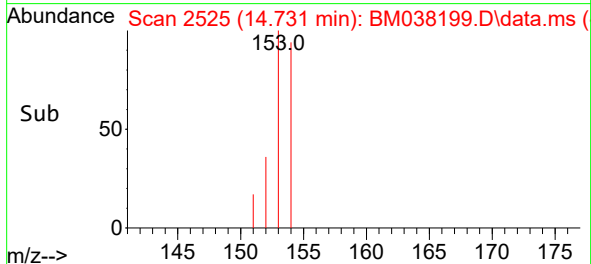
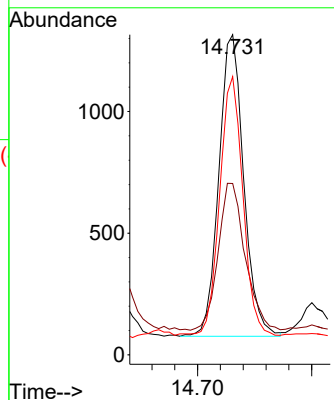


#11
Acenaphthene
Concen: 0.045 ng/ul
RT: 14.731 min Scan# 2525
Delta R.T. 0.000 min
Lab File: BM038199.D
Acq: 22 Dec 2022 15:44

Instrument :
BNA_M
ClientSampleId :

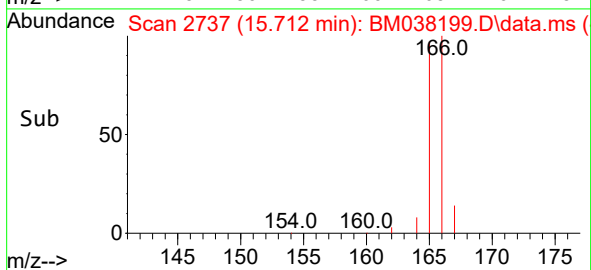
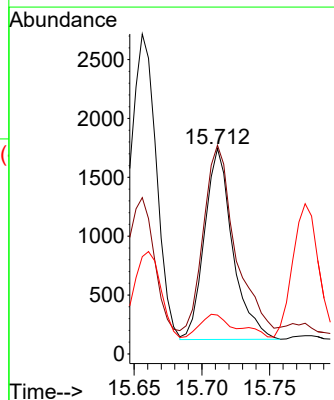
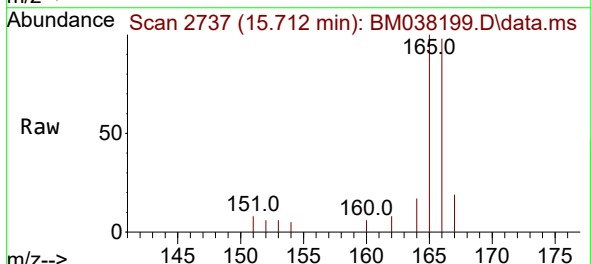


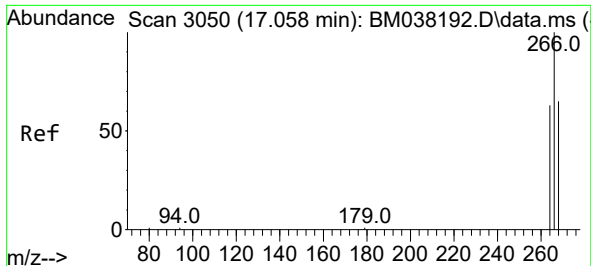
Tgt Ion:153 Resp: 1875
Ion Ratio Lower Upper
153 100
152 53.5 39.4 59.0
154 86.9 69.0 103.4



#12
Fluorene
Concen: 0.052 ng/ul
RT: 15.712 min Scan# 2737
Delta R.T. 0.000 min
Lab File: BM038199.D
Acq: 22 Dec 2022 15:44

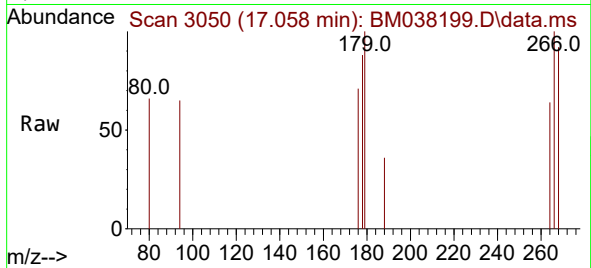
Tgt Ion:166 Resp: 2350
Ion Ratio Lower Upper
166 100
165 101.7 79.0 118.6
167 18.9 11.0 16.6#



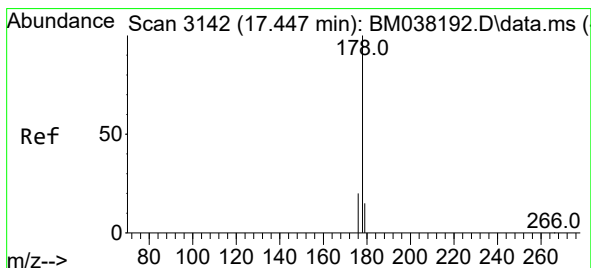
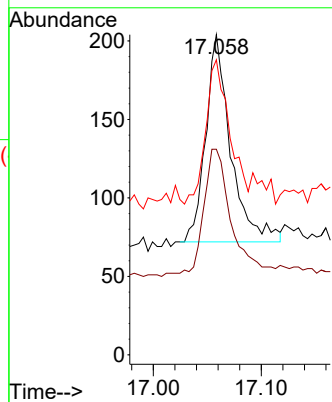
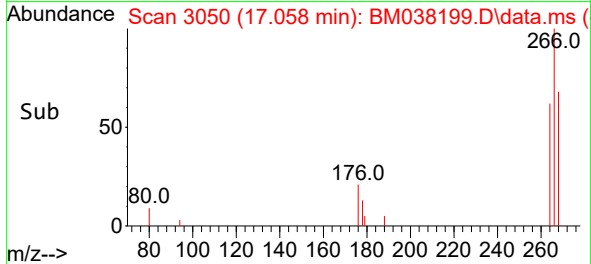


#14
 Pentachlorophenol
 Concen: 0.021 ng/ul
 RT: 17.058 min Scan# 3050
 Delta R.T. 0.000 min
 Lab File: BM038199.D
 Acq: 22 Dec 2022 15:44

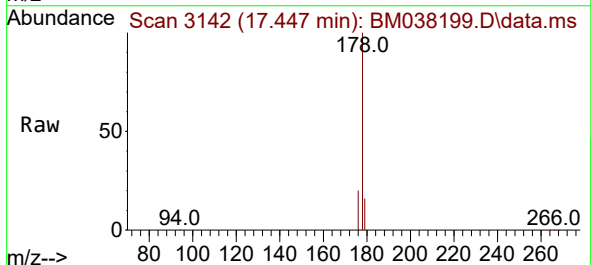
Instrument :
 BNA_M
 ClientSampleId :



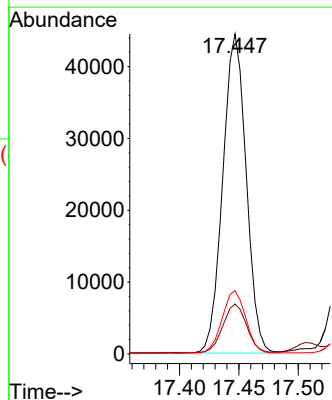
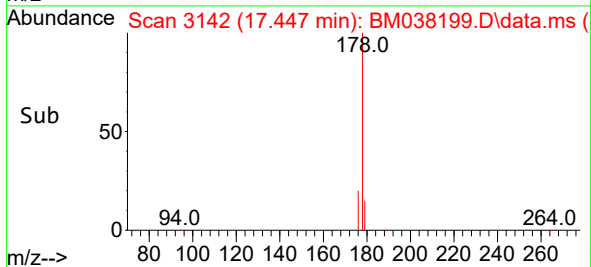
Tgt Ion:266 Resp: 212
 Ion Ratio Lower Upper
 266 100
 264 76.9 49.9 74.9#
 268 66.5 51.2 76.8

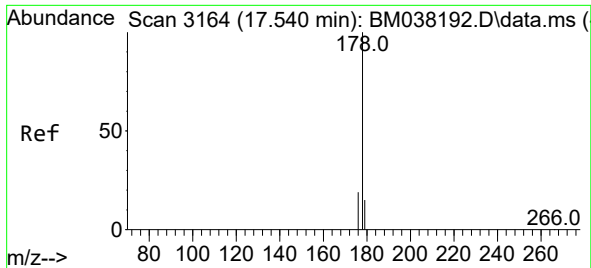


#15
 Phenanthrene
 Concen: 0.885 ng/ul
 RT: 17.447 min Scan# 3142
 Delta R.T. 0.000 min
 Lab File: BM038199.D
 Acq: 22 Dec 2022 15:44



Tgt Ion:178 Resp: 60841
 Ion Ratio Lower Upper
 178 100
 179 15.6 13.0 19.4
 176 19.8 16.2 24.4

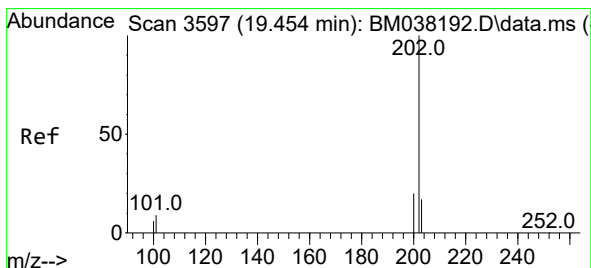
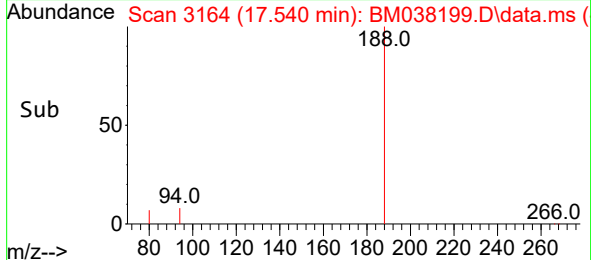
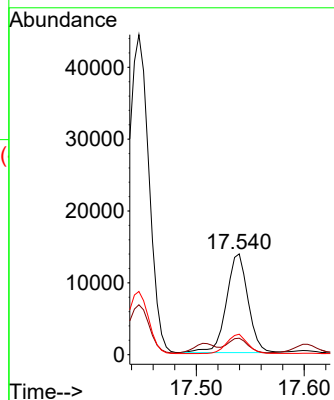
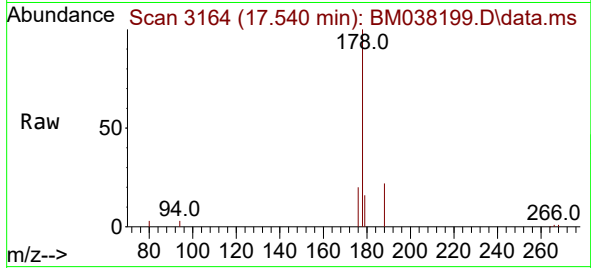




#16
 Anthracene
 Concen: 0.291 ng/ul
 RT: 17.540 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: BM038199.D
 Acq: 22 Dec 2022 15:44

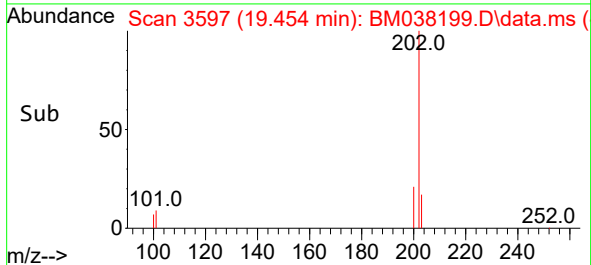
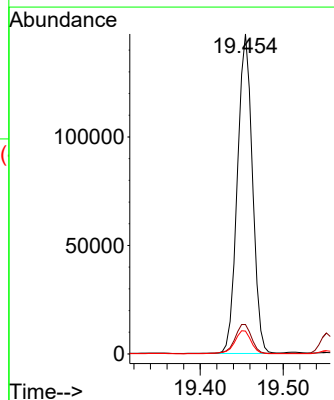
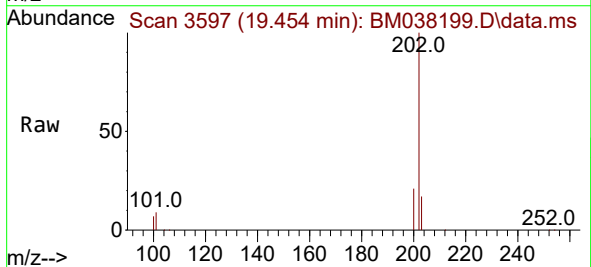
Instrument :
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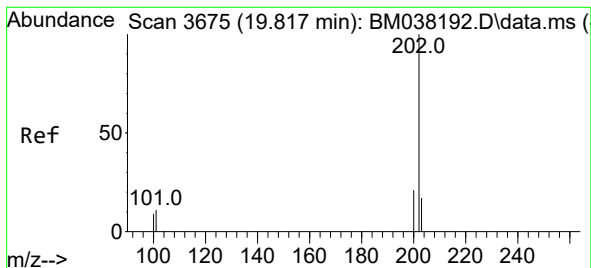
Tgt Ion:178 Resp: 19201
 Ion Ratio Lower Upper
 178 100
 179 16.4 13.0 19.6
 176 20.3 15.6 23.4



#19
 Fluoranthene
 Concen: 2.644 ng/ul
 RT: 19.454 min Scan# 3597
 Delta R.T. 0.000 min
 Lab File: BM038199.D
 Acq: 22 Dec 2022 15:44

Tgt Ion:202 Resp: 186110
 Ion Ratio Lower Upper
 202 100
 101 9.2 7.5 11.3
 100 7.1 5.6 8.4





#20

Pyrene

Concen: 2.029 ng/ul

RT: 19.817 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM038199.D

Acq: 22 Dec 2022 15:44

Instrument :

BNA_M

ClientSampleId :

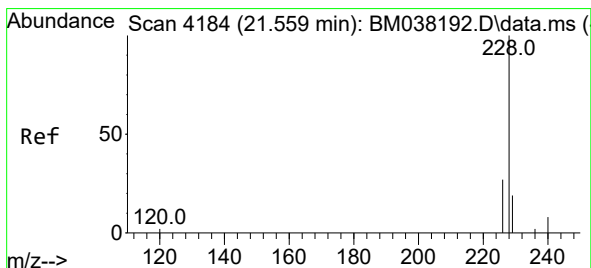
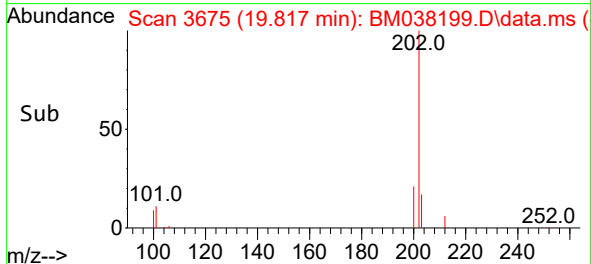
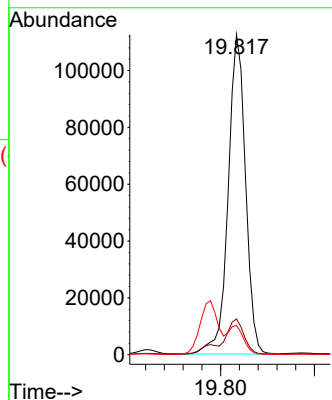
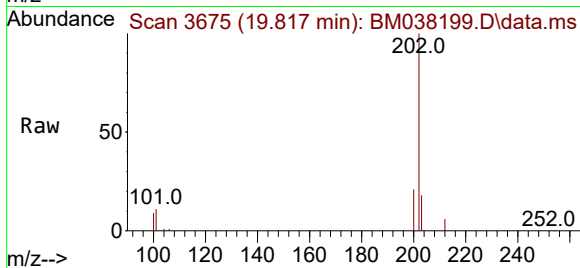
Tgt Ion:202 Resp: 144274

Ion Ratio Lower Upper

202 100

101 11.2 8.9 13.3

100 9.1 7.4 11.0



#21

Benzo(a)anthracene

Concen: 1.709 ng/ul

RT: 21.559 min Scan# 4184

Delta R.T. 0.000 min

Lab File: BM038199.D

Acq: 22 Dec 2022 15:44

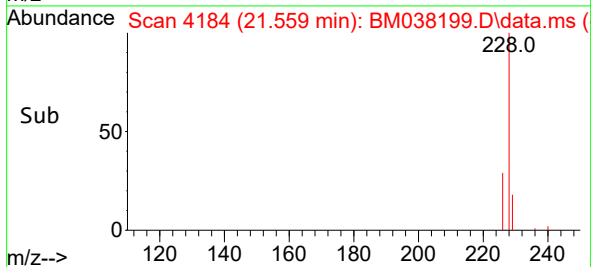
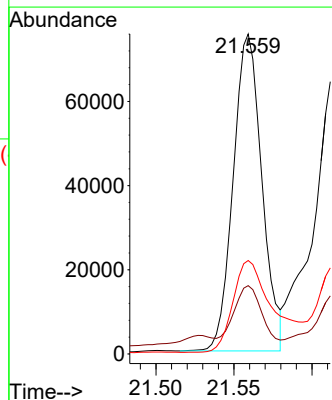
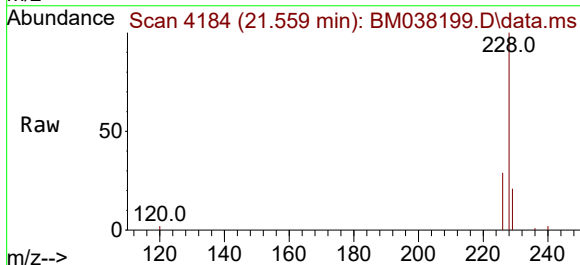
Tgt Ion:228 Resp: 96318

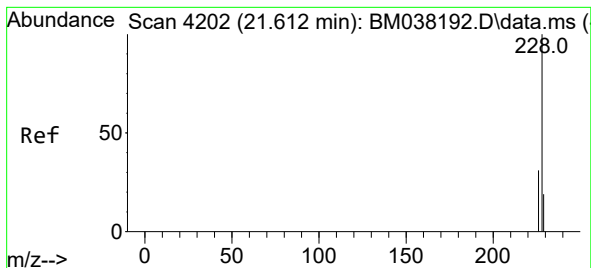
Ion Ratio Lower Upper

228 100

229 21.3 15.5 23.3

226 29.2 22.2 33.2





#22

Chrysene

Concen: 1.795 ng/ul

RT: 21.612 min Scan# 4202

Delta R.T. 0.000 min

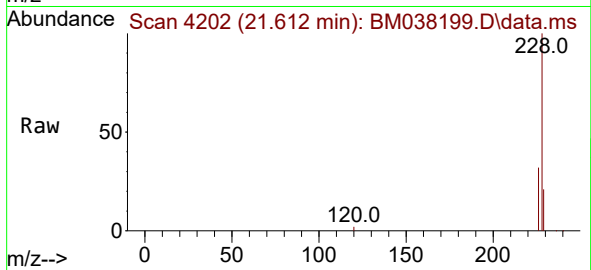
Lab File: BM038199.D

Acq: 22 Dec 2022 15:44

Instrument :

BNA_M

ClientSampleId :



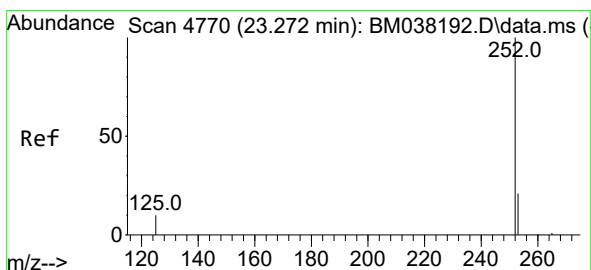
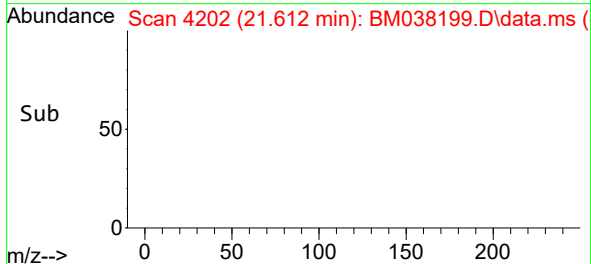
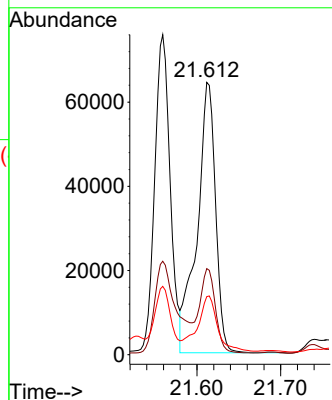
Tgt Ion:228 Resp: 98454

Ion Ratio Lower Upper

228 100

226 31.6 25.0 37.4

229 21.3 16.0 24.0



#24

Benzo(b)fluoranthene

Concen: 2.683 ng/ul

RT: 23.272 min Scan# 4770

Delta R.T. 0.000 min

Lab File: BM038199.D

Acq: 22 Dec 2022 15:44

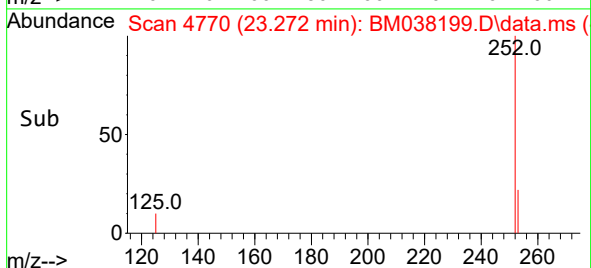
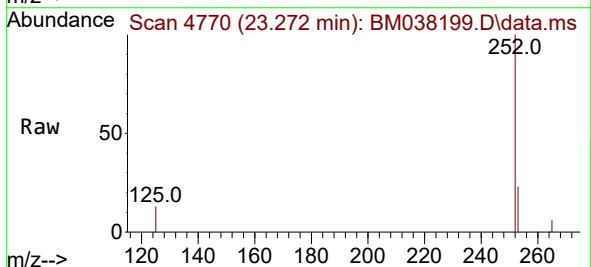
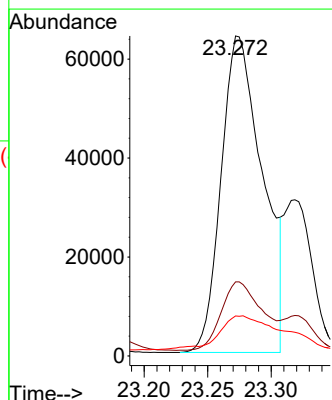
Tgt Ion:252 Resp: 144876

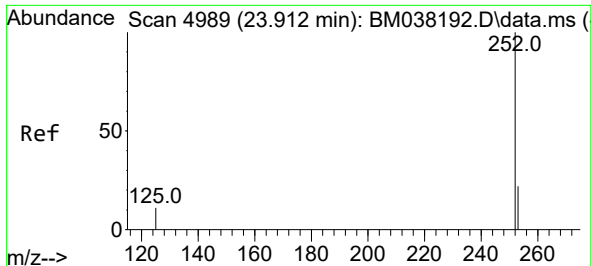
Ion Ratio Lower Upper

252 100

253 23.2 0.0 56.0

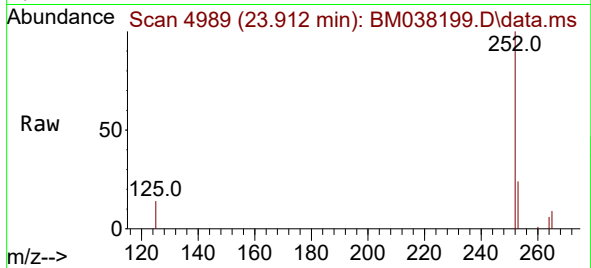
125 12.5 0.0 36.6



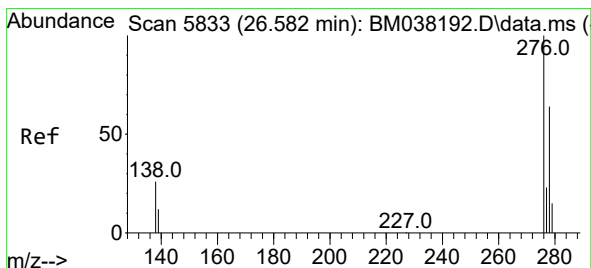
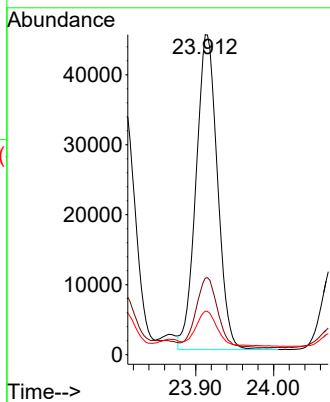
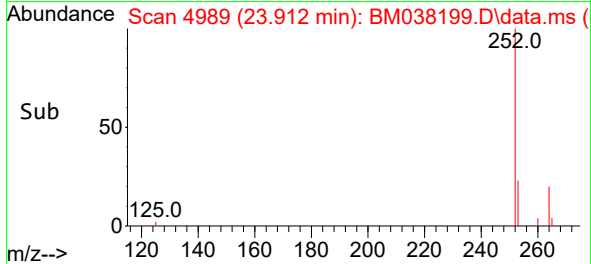


#26
Benzo(a)pyrene
Concen: 1.817 ng/ul
RT: 23.912 min Scan# 4989
Delta R.T. 0.000 min
Lab File: BM038199.D
Acq: 22 Dec 2022 15:44

Instrument :
BNA_M
ClientSampleId :

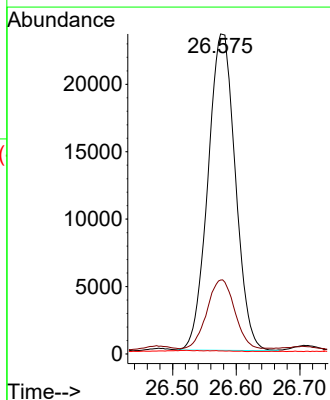
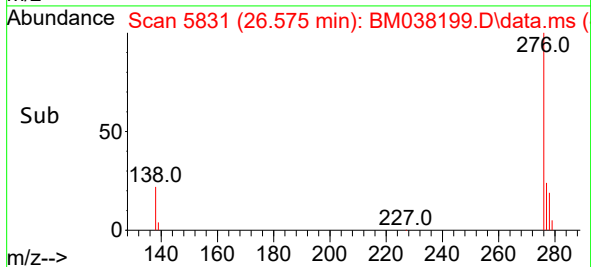
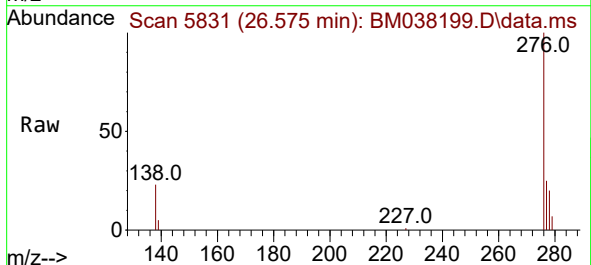


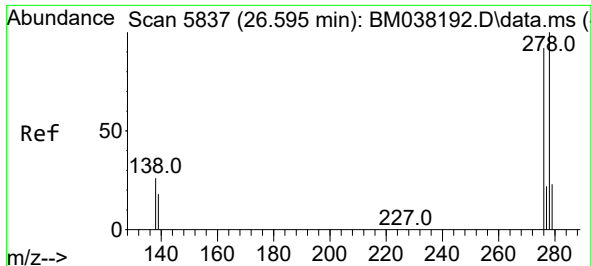
Tgt Ion:252 Resp: 85608
Ion Ratio Lower Upper
252 100
253 23.9 24.2 36.4#
125 13.6 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.078 ng/ul
RT: 26.575 min Scan# 5831
Delta R.T. -0.007 min
Lab File: BM038199.D
Acq: 22 Dec 2022 15:44

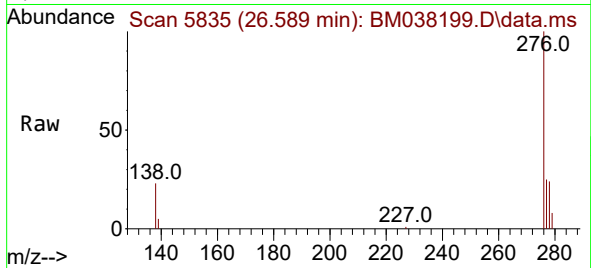
Tgt Ion:276 Resp: 70438
Ion Ratio Lower Upper
276 100
138 22.6 21.7 32.5
227 0.0 0.0 0.0



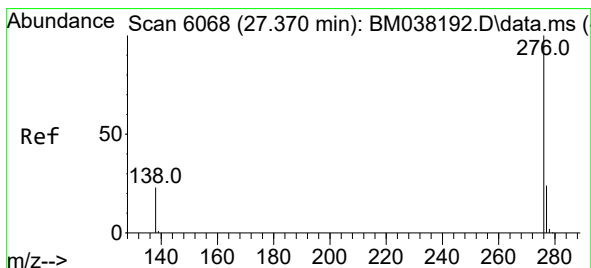
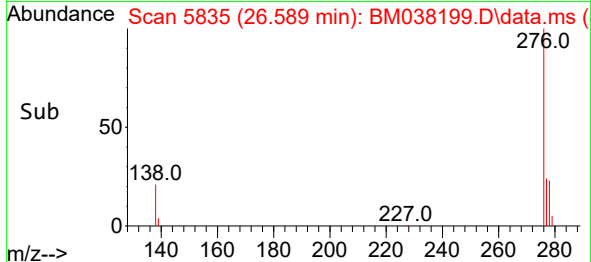
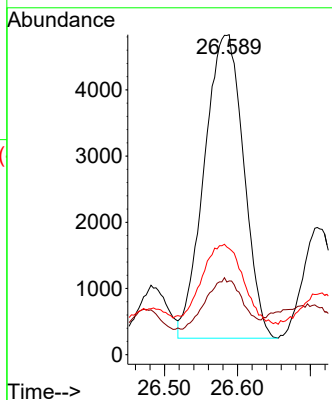


#28
 Dibenzo(a,h)anthracene
 Concen: 0.339 ng/ul
 RT: 26.589 min Scan# 5835
 Delta R.T. -0.007 min
 Lab File: BM038199.D
 Acq: 22 Dec 2022 15:44

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:278 Resp: 17203
 Ion Ratio Lower Upper
 278 100
 139 23.1 16.8 25.2
 279 33.1 23.4 35.2



#29
 Benzo(g,h,i)perylene
 Concen: 1.157 ng/ul
 RT: 27.370 min Scan# 6068
 Delta R.T. 0.000 min
 Lab File: BM038199.D
 Acq: 22 Dec 2022 15:44

Tgt Ion:276 Resp: 63603
 Ion Ratio Lower Upper
 276 100
 138 23.6 20.8 31.2
 277 24.2 20.5 30.7

