

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038201.D
 Acq On : 22 Dec 2022 16:58
 Operator : CG/JU
 Sample : N6009-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 23 01:48:18 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)

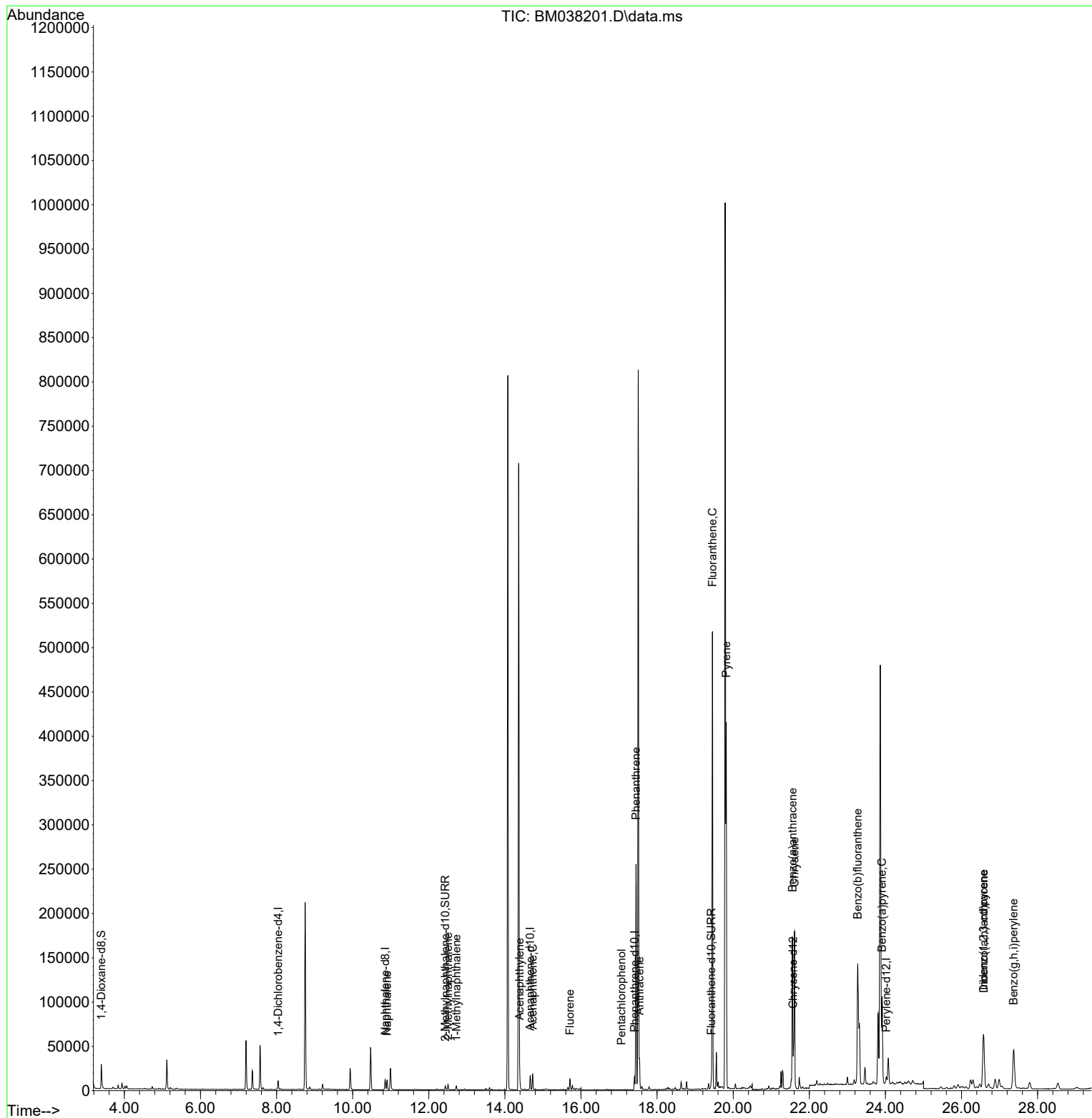
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.043	152	4992	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	15232	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	8456	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	16582	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	10839	0.400	ng/ul	0.00
23) Perylene-d12	24.023	264	10134	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.398	96	17963	3.537	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	5494	0.245	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	10255	0.252	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.906	128	13865	0.311	ng/ul	99
7) 2-Methylnaphthalene	12.506	142	4000	0.144	ng/ul	100
8) 1-Methylnaphthalene	12.726	142	2850	0.100	ng/ul	100
10) Acenaphthylene	14.389	152	13417	0.287	ng/ul	98
11) Acenaphthene	14.731	153	10071	0.302	ng/ul	99
12) Fluorene	15.712	166	7117	0.197	ng/ul	97
14) Pentachlorophenol	17.063	266	240	0.029	ng/ul	96
15) Phenanthrene	17.447	178	249724	4.500	ng/ul	98
16) Anthracene	17.540	178	32539	0.611	ng/ul	99
19) Fluoranthene	19.455	202	418503	7.048	ng/ul	99
20) Pyrene	19.817	202	327340	5.455	ng/ul	98
21) Benzo(a)anthracene	21.556	228	141808	2.983	ng/ul	98
22) Chrysene	21.612	228	173269	3.744	ng/ul	99
24) Benzo(b)fluoranthene	23.272	252	238899	5.326	ng/ul	89
26) Benzo(a)pyrene	23.912	252	138849	3.548	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.575	276	109708	2.021	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.585	278	26678	0.633	ng/ul	95
29) Benzo(g,h,i)perylene	27.370	276	99441	2.177	ng/ul	96

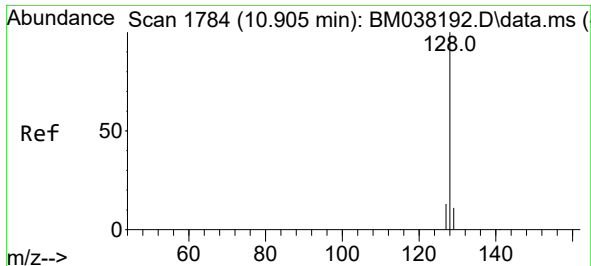
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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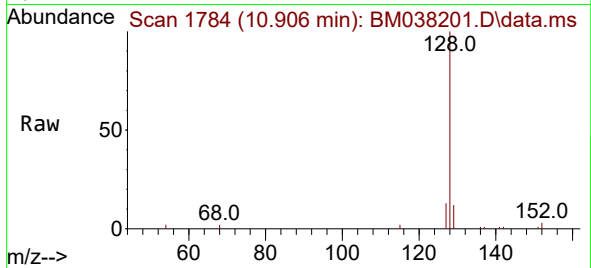
Quant Time: Dec 23 01:48:18 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
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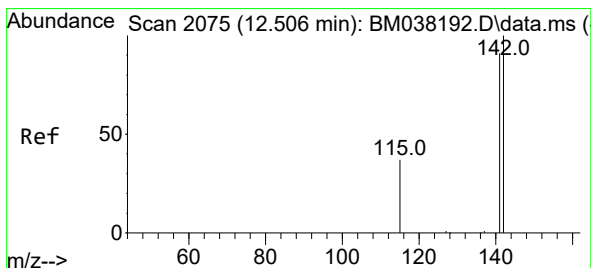
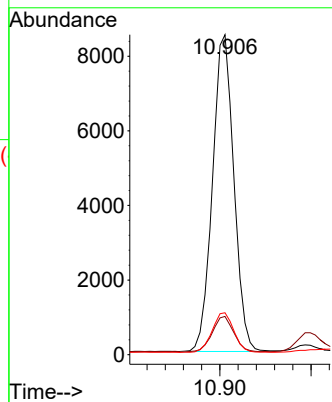
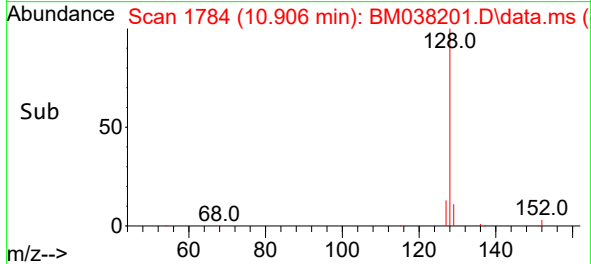


#5
Naphthalene
Concen: 0.311 ng/ul
RT: 10.906 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BM038201.D
Acq: 22 Dec 2022 16:58

Instrument :
BNA_M
ClientSampleId :

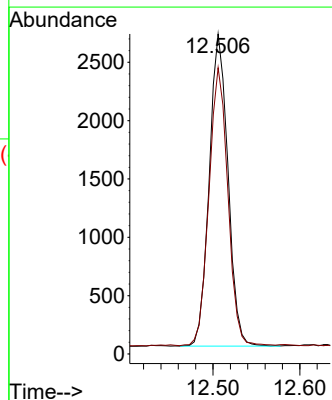
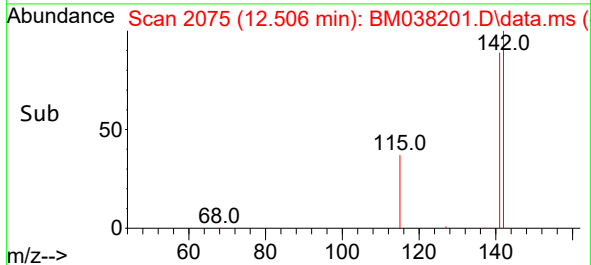
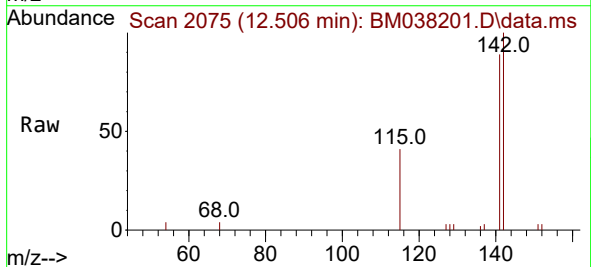


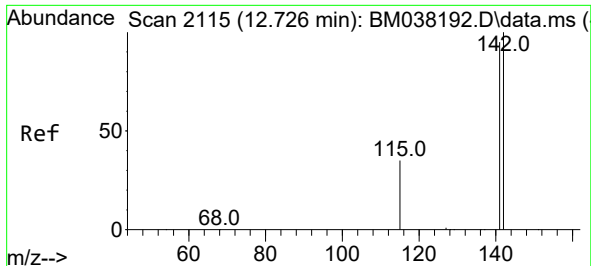
Tgt Ion:128 Resp: 13865
Ion Ratio Lower Upper
128 100
129 12.0 9.4 14.0
127 13.1 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.144 ng/ul
RT: 12.506 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM038201.D
Acq: 22 Dec 2022 16:58

Tgt Ion:142 Resp: 4000
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9

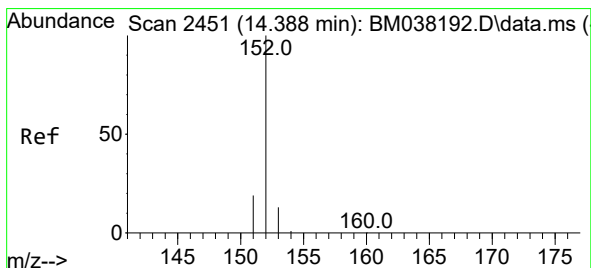
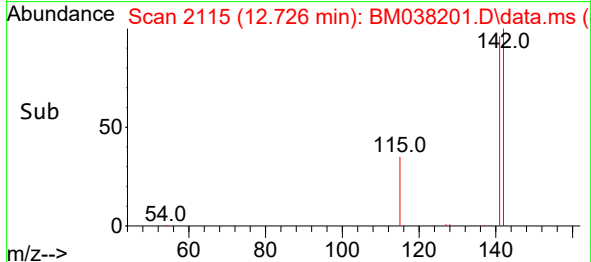
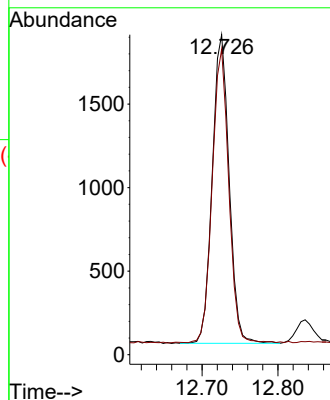
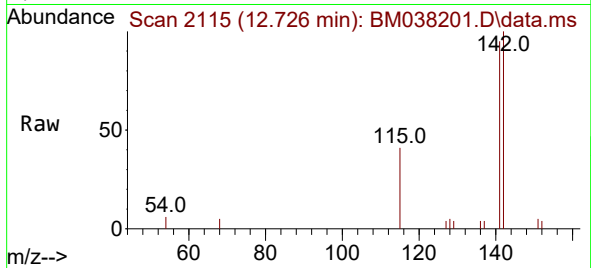




#8
1-Methylnaphthalene
Concen: 0.100 ng/ul
RT: 12.726 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BM038201.D
Acq: 22 Dec 2022 16:58

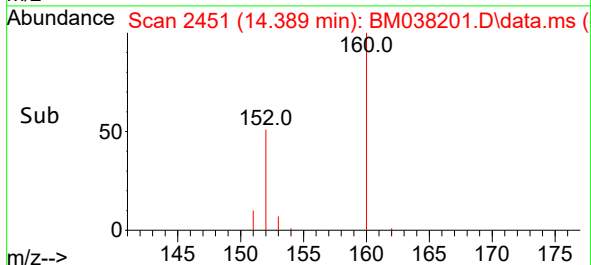
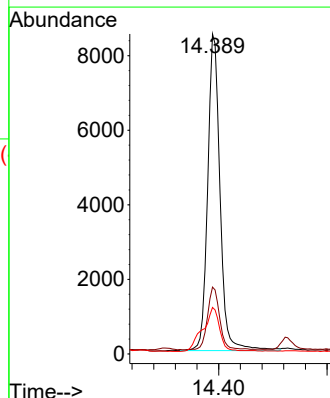
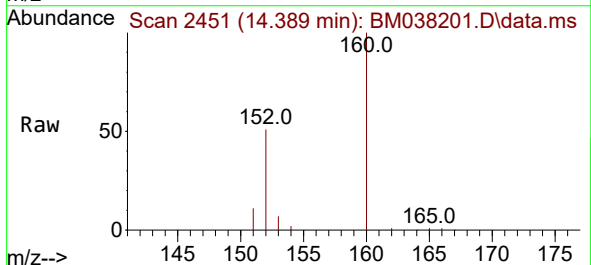
Instrument :
BNA_M
ClientSampleId :

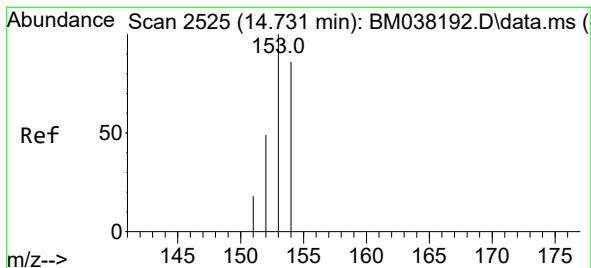
Tgt Ion:142 Resp: 2850
Ion Ratio Lower Upper
142 100
141 93.0 74.7 112.1



#10
Acenaphthylene
Concen: 0.287 ng/ul
RT: 14.389 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038201.D
Acq: 22 Dec 2022 16:58

Tgt Ion:152 Resp: 13417
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.2
153 14.6 10.7 16.1





#11

Acenaphthene

Concen: 0.302 ng/ul

RT: 14.731 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038201.D

Acq: 22 Dec 2022 16:58

Instrument :

BNA_M

ClientSampleId :

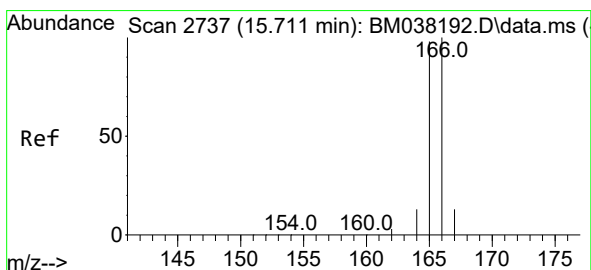
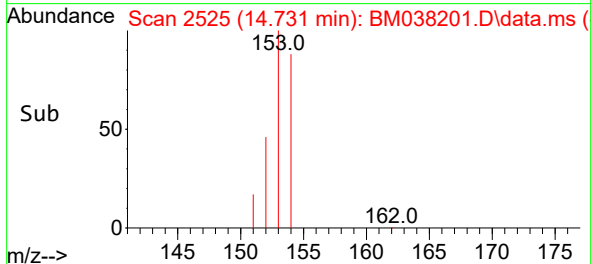
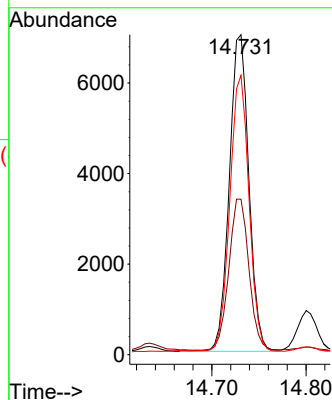
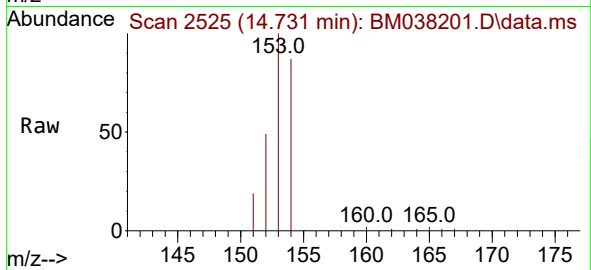
Tgt Ion:153 Resp: 10071

Ion Ratio Lower Upper

153 100

152 48.6 39.4 59.0

154 87.3 69.0 103.4



#12

Fluorene

Concen: 0.197 ng/ul

RT: 15.712 min Scan# 2737

Delta R.T. 0.000 min

Lab File: BM038201.D

Acq: 22 Dec 2022 16:58

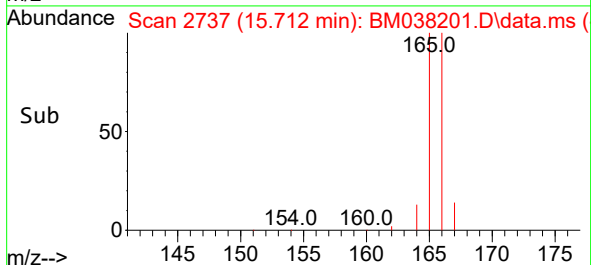
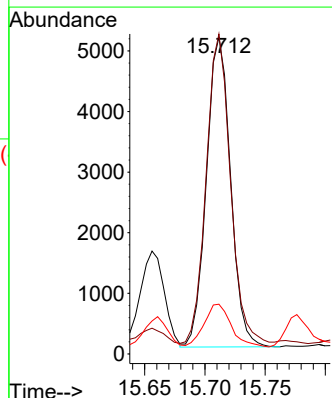
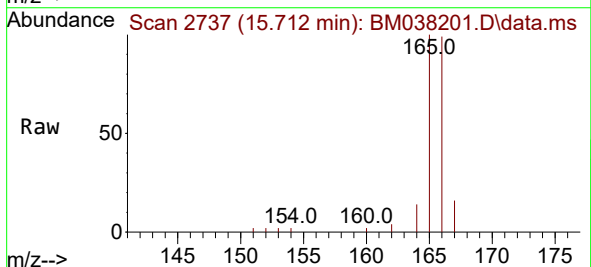
Tgt Ion:166 Resp: 7117

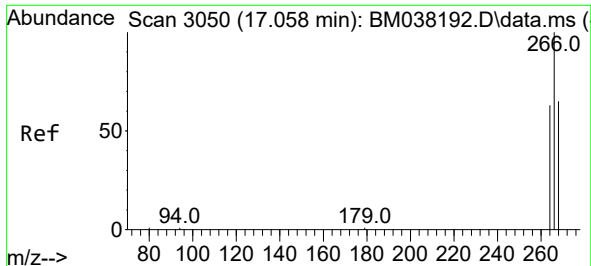
Ion Ratio Lower Upper

166 100

165 101.0 79.0 118.6

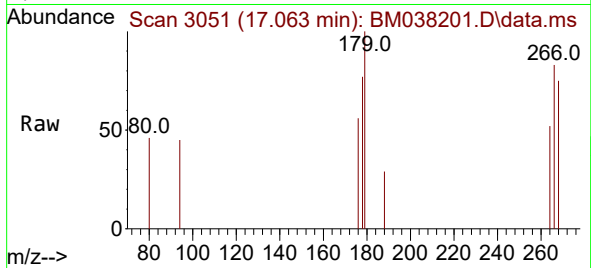
167 15.7 11.0 16.6



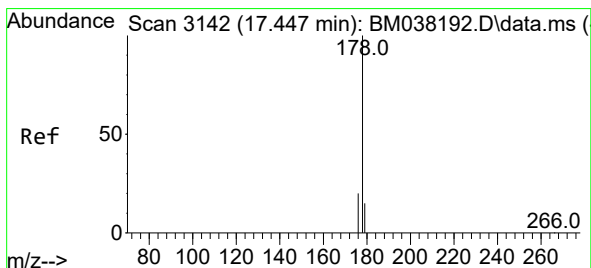
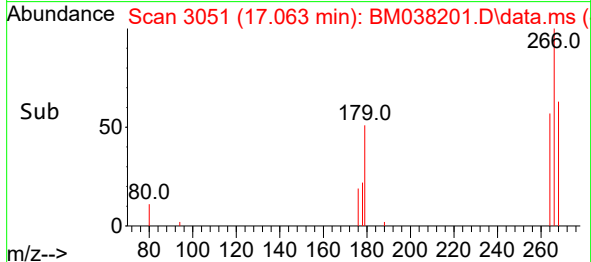
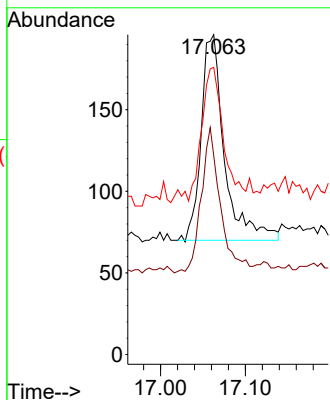


#14
 Pentachlorophenol
 Concen: 0.029 ng/ul
 RT: 17.063 min Scan# 3051
 Delta R.T. 0.004 min
 Lab File: BM038201.D
 Acq: 22 Dec 2022 16:58

Instrument :
 BNA_M
 ClientSampleId :

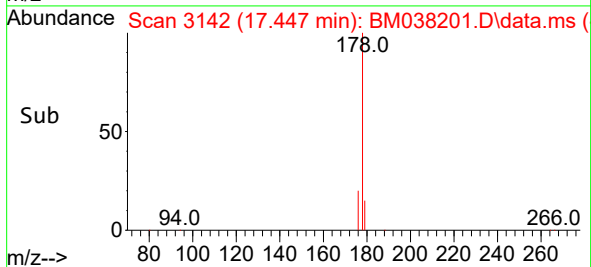
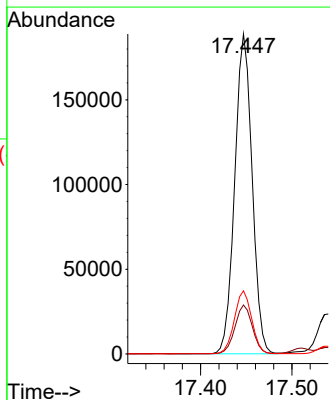
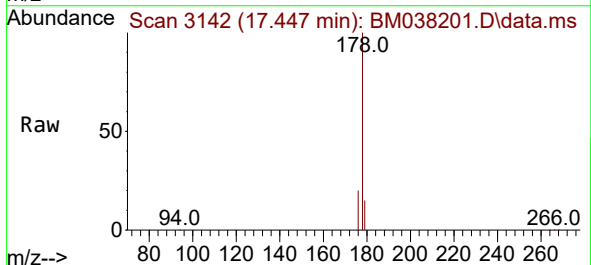


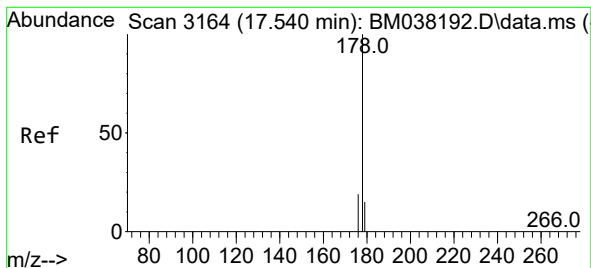
Tgt Ion:266 Resp: 240
 Ion Ratio Lower Upper
 266 100
 264 58.8 49.9 74.9
 268 60.8 51.2 76.8



#15
 Phenanthrene
 Concen: 4.500 ng/ul
 RT: 17.447 min Scan# 3142
 Delta R.T. 0.000 min
 Lab File: BM038201.D
 Acq: 22 Dec 2022 16:58

Tgt Ion:178 Resp: 249724
 Ion Ratio Lower Upper
 178 100
 179 15.3 13.0 19.4
 176 19.8 16.2 24.4





#16

Anthracene

Concen: 0.611 ng/ul

RT: 17.540 min Scan# 3164

Delta R.T. 0.000 min

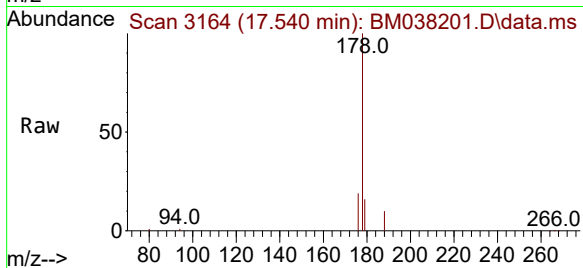
Lab File: BM038201.D

Acq: 22 Dec 2022 16:58

Instrument :

BNA_M

ClientSampleId :



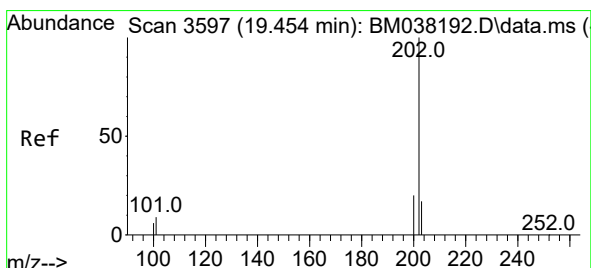
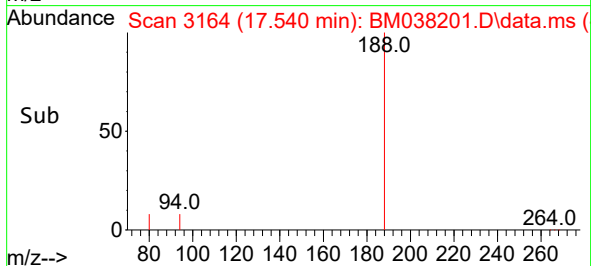
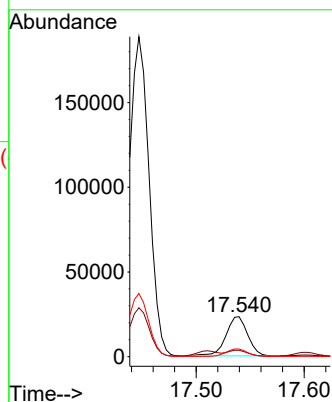
Tgt Ion:178 Resp: 32539

Ion Ratio Lower Upper

178 100

179 16.2 13.0 19.6

176 19.1 15.6 23.4



#19

Fluoranthene

Concen: 7.048 ng/ul

RT: 19.455 min Scan# 3597

Delta R.T. 0.000 min

Lab File: BM038201.D

Acq: 22 Dec 2022 16:58

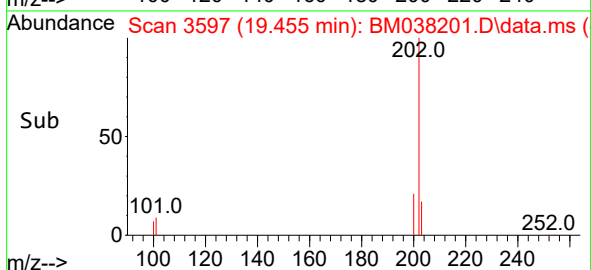
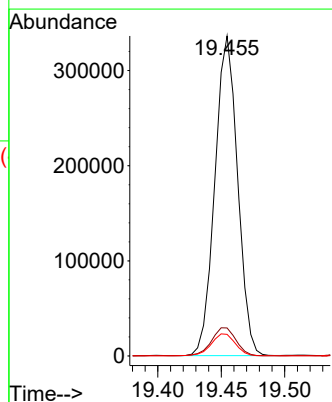
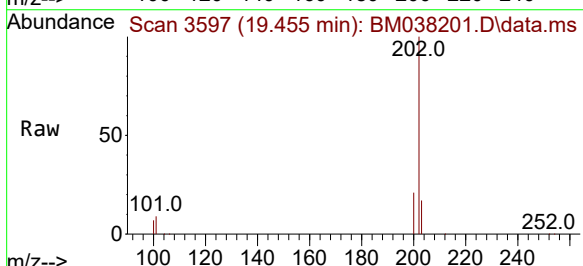
Tgt Ion:202 Resp: 418503

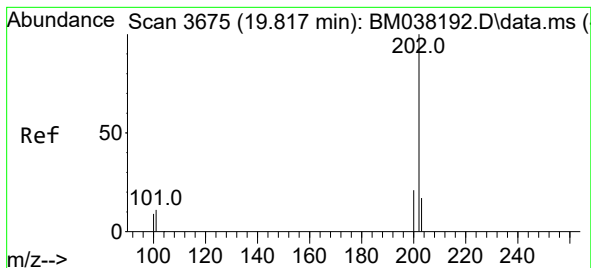
Ion Ratio Lower Upper

202 100

101 8.7 7.5 11.3

100 6.8 5.6 8.4





#20

Pyrene

Concen: 5.455 ng/ul

RT: 19.817 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM038201.D

Acq: 22 Dec 2022 16:58

Instrument :

BNA_M

ClientSampleId :

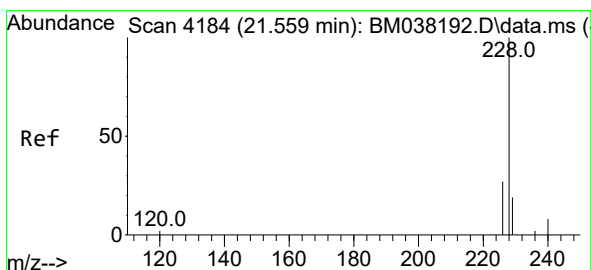
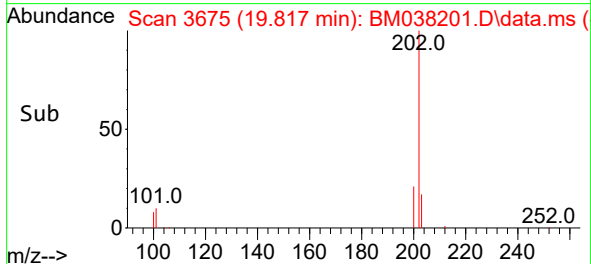
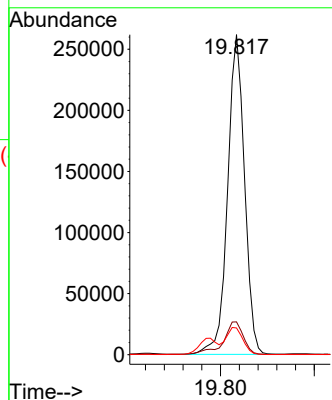
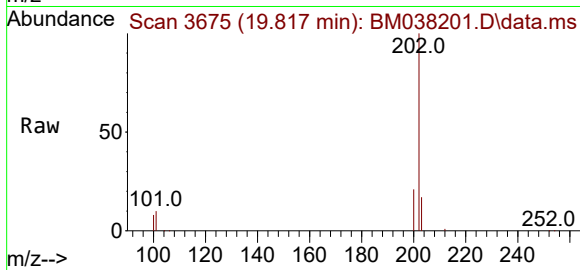
Tgt Ion:202 Resp: 327340

Ion Ratio Lower Upper

202 100

101 10.3 8.9 13.3

100 8.3 7.4 11.0



#21

Benzo(a)anthracene

Concen: 2.983 ng/ul

RT: 21.556 min Scan# 4183

Delta R.T. -0.003 min

Lab File: BM038201.D

Acq: 22 Dec 2022 16:58

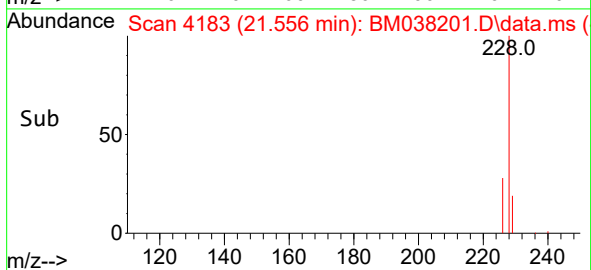
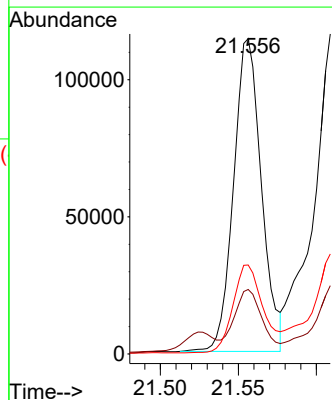
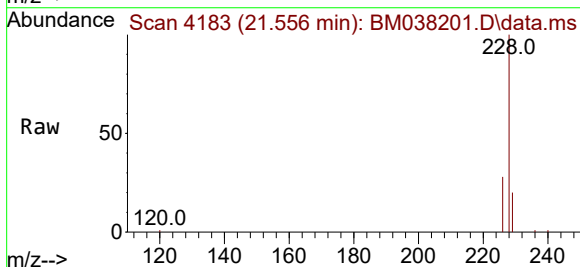
Tgt Ion:228 Resp: 141808

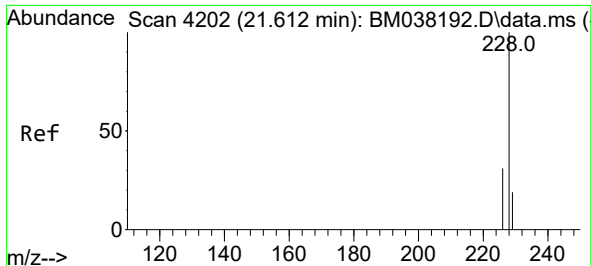
Ion Ratio Lower Upper

228 100

229 20.5 15.5 23.3

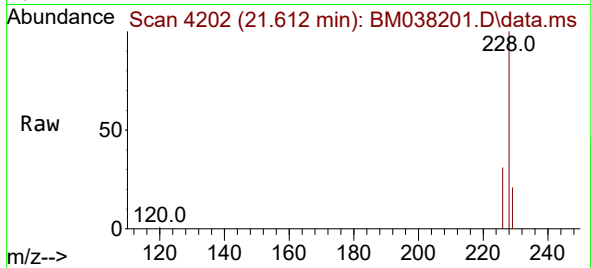
226 28.2 22.2 33.2



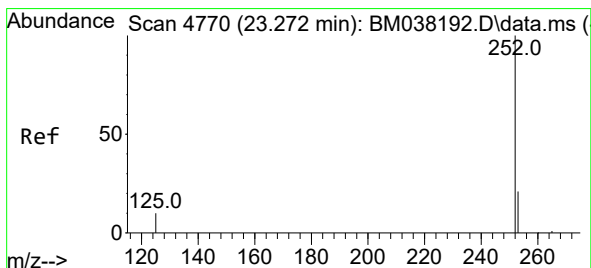
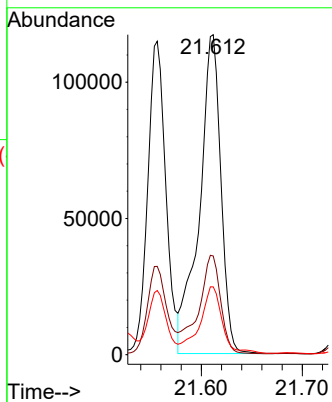
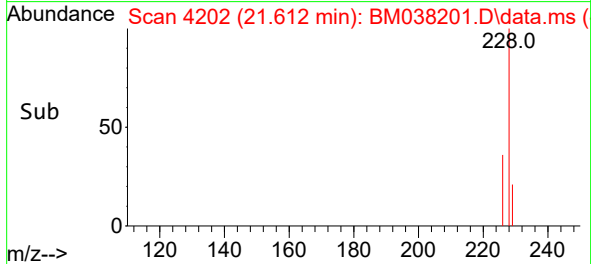


#22
Chrysene
Concen: 3.744 ng/ul
RT: 21.612 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038201.D
Acq: 22 Dec 2022 16:58

Instrument :
BNA_M
ClientSampleId :

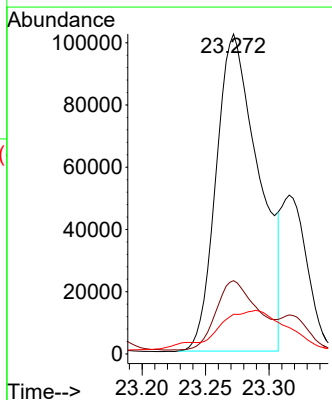
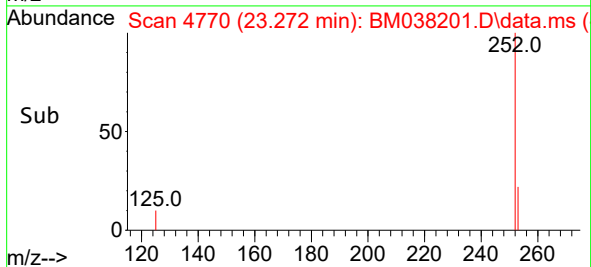
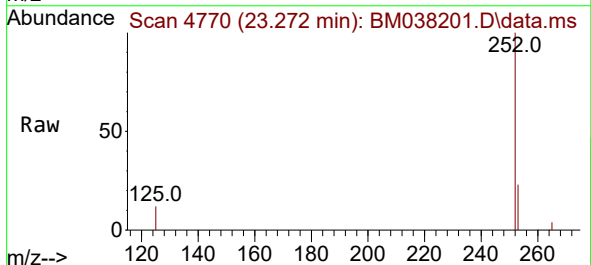


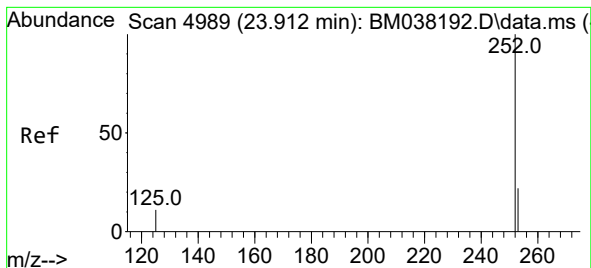
Tgt Ion:228 Resp: 173269
Ion Ratio Lower Upper
228 100
226 30.9 25.0 37.4
229 21.2 16.0 24.0



#24
Benzo(b)fluoranthene
Concen: 5.326 ng/ul
RT: 23.272 min Scan# 4770
Delta R.T. 0.000 min
Lab File: BM038201.D
Acq: 22 Dec 2022 16:58

Tgt Ion:252 Resp: 238899
Ion Ratio Lower Upper
252 100
253 22.9 0.0 56.0
125 12.4 0.0 36.6





#26

Benzo(a)pyrene

Concen: 3.548 ng/ul

RT: 23.912 min Scan# 4989

Delta R.T. 0.000 min

Lab File: BM038201.D

Acq: 22 Dec 2022 16:58

Instrument :

BNA_M

ClientSampleId :

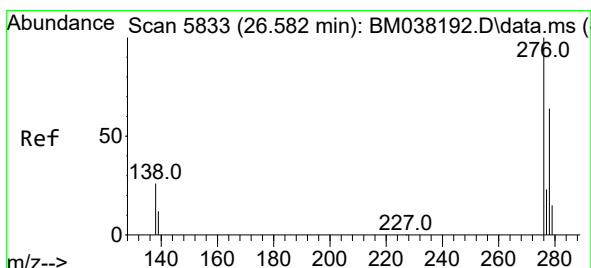
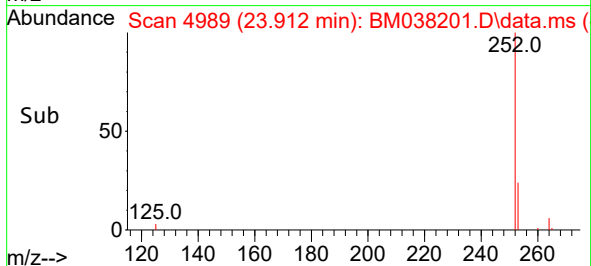
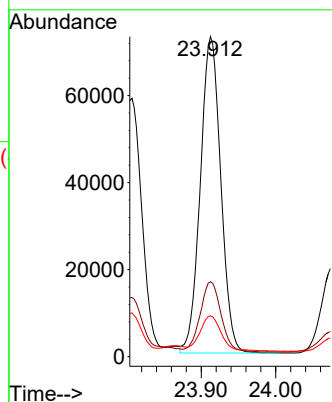
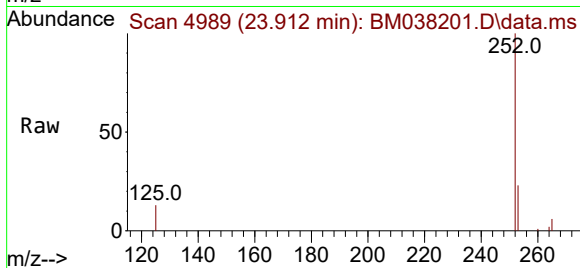
Tgt Ion:252 Resp: 138849

Ion Ratio Lower Upper

252 100

253 23.4 24.2 36.4#

125 12.8 17.3 25.9#



#27

Indeno(1,2,3-cd)pyrene

Concen: 2.021 ng/ul

RT: 26.575 min Scan# 5831

Delta R.T. -0.007 min

Lab File: BM038201.D

Acq: 22 Dec 2022 16:58

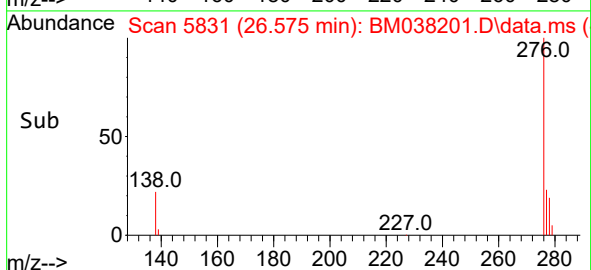
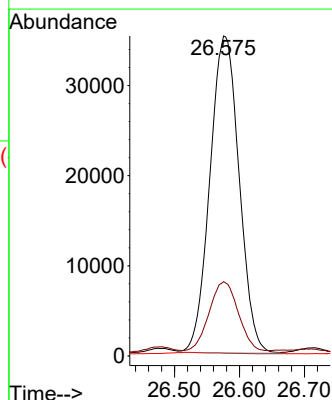
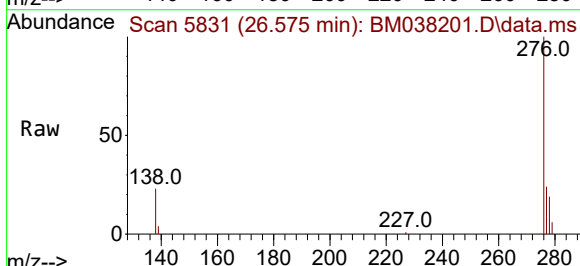
Tgt Ion:276 Resp: 109708

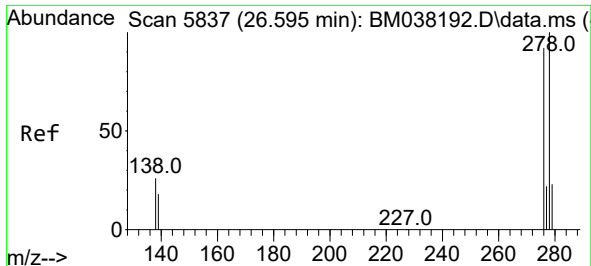
Ion Ratio Lower Upper

276 100

138 21.6 21.7 32.5#

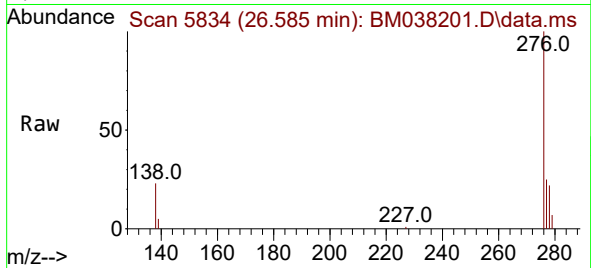
227 0.0 0.0 0.0



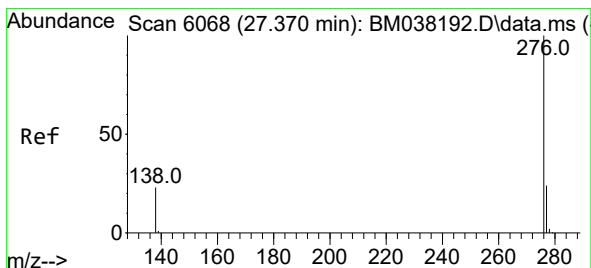
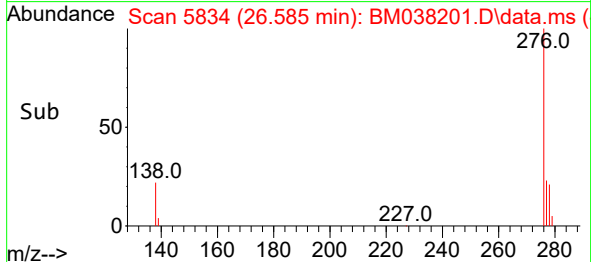
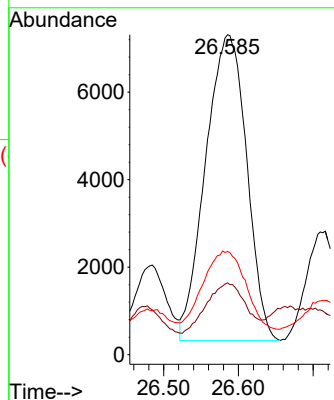


#28
Dibenzo(a,h)anthracene
Concen: 0.633 ng/ul
RT: 26.585 min Scan# 5834
Delta R.T. -0.010 min
Lab File: BM038201.D
Acq: 22 Dec 2022 16:58

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:278 Resp: 26678
Ion Ratio Lower Upper
278 100
139 22.5 16.8 25.2
279 32.3 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 2.177 ng/ul
RT: 27.370 min Scan# 6068
Delta R.T. 0.000 min
Lab File: BM038201.D
Acq: 22 Dec 2022 16:58

Tgt Ion:276 Resp: 99441
Ion Ratio Lower Upper
276 100
138 23.6 20.8 31.2
277 23.8 20.5 30.7

