

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038079.D
 Acq On : 16 Dec 2022 22:35
 Operator : CG/JU
 Sample : N5925-18
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYC7

Quant Time: Dec 16 23:22:32 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 15 21:53:17 2022
 Response via : Initial Calibration

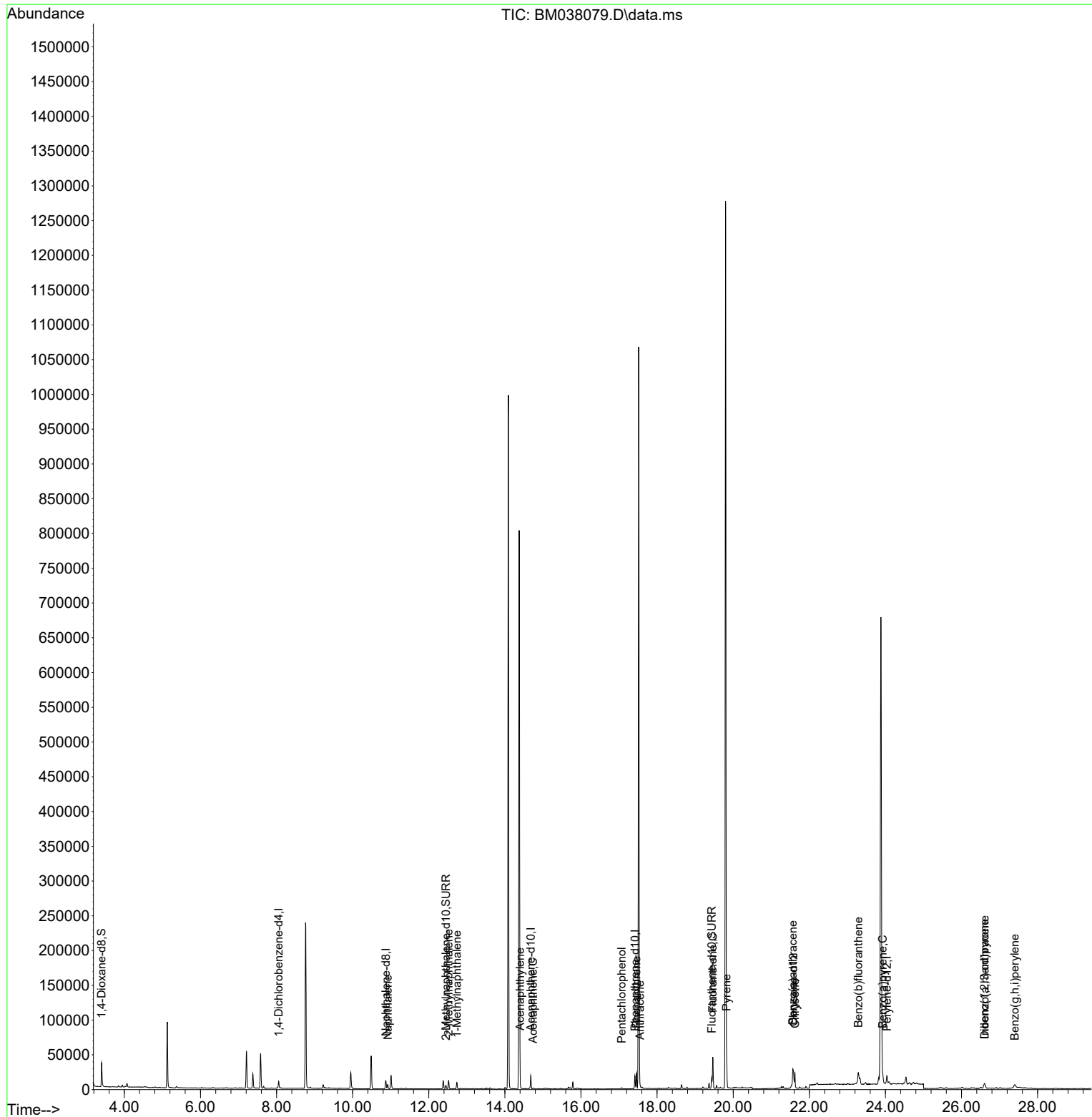
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	4957	0.400	ng/ul	0.00
4) Naphthalene-d8	10.873	136	16082	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	9716	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	21156	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	16532	0.400	ng/ul	# 0.00
23) Perylene-d12	24.038	264	15960	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	22728	3.355	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.451	152	6469	0.276	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	15075	0.252	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.922	128	8367	0.172	ng/ul	98
7) 2-Methylnaphthalene	12.522	142	8080	0.270	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	6268	0.205	ng/ul	100
10) Acenaphthylene	14.402	152	1620	0.032	ng/ul#	63
11) Acenaphthene	14.740	153	820	0.021	ng/ul	92
14) Pentachlorophenol	17.067	266	1200	0.137	ng/ul	97
15) Phenanthrene	17.460	178	22864	0.321	ng/ul	99
16) Anthracene	17.552	178	2514	0.038	ng/ul#	81
19) Fluoranthene	19.464	202	37069	0.434	ng/ul	99
20) Pyrene	19.826	202	31472	0.361	ng/ul	99
21) Benzo(a)anthracene	21.565	228	18279	0.256	ng/ul#	91
22) Chrysene	21.621	228	21305	0.296	ng/ul#	94
24) Benzo(b)fluoranthene	23.287	252	28950	0.382	ng/ul	94
26) Benzo(a)pyrene	23.930	252	16715	0.262	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.602	276	12676	0.158	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.612	278	3427	0.055	ng/ul#	49
29) Benzo(g,h,i)perylene	27.400	276	9791	0.144	ng/ul#	91

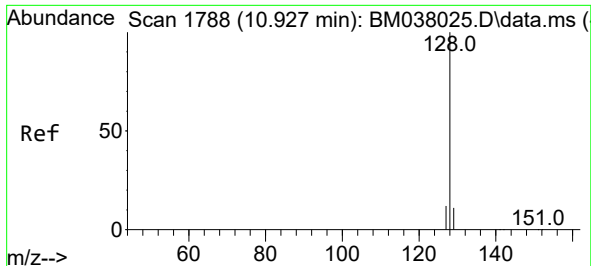
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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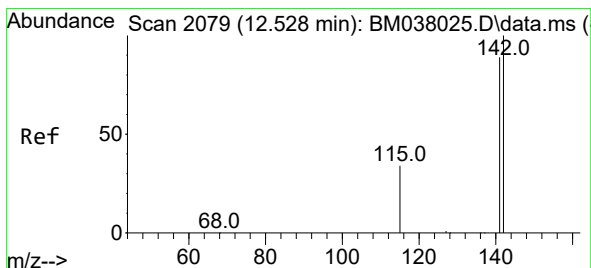
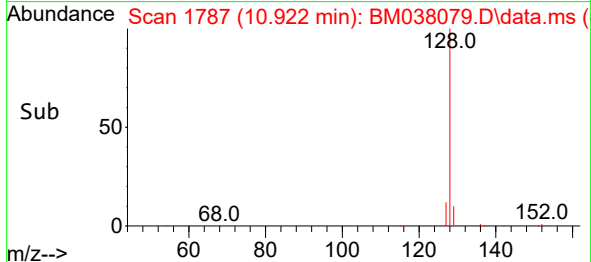
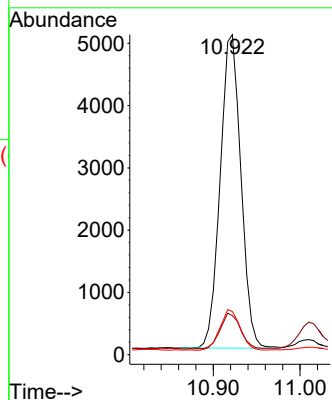
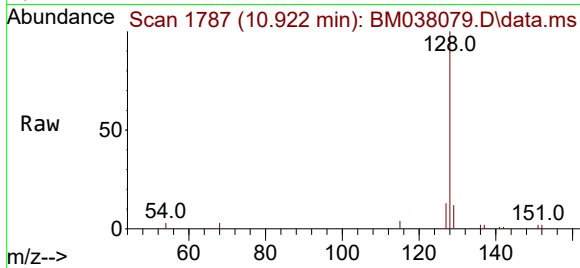




#5
Naphthalene
Concen: 0.172 ng/ul
RT: 10.922 min Scan# 1787
Delta R.T. -0.005 min
Lab File: BM038079.D
Acq: 16 Dec 2022 22:35

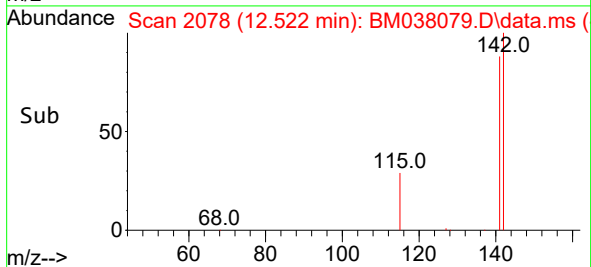
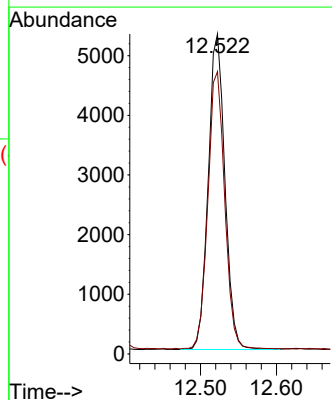
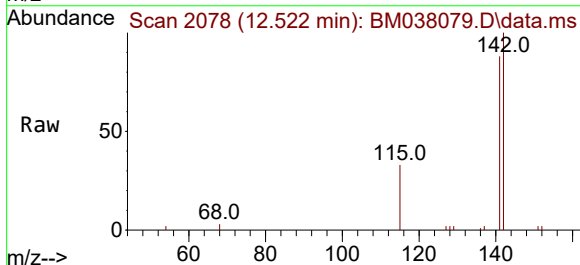
Instrument :
BNA_M
ClientSampleId :
DBYC7

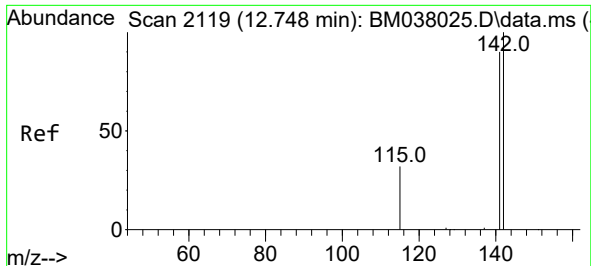
Tgt Ion:128 Resp: 8367
Ion Ratio Lower Upper
128 100
129 12.2 9.1 13.7
127 13.5 10.4 15.6



#7
2-Methylnaphthalene
Concen: 0.270 ng/ul
RT: 12.522 min Scan# 2078
Delta R.T. -0.005 min
Lab File: BM038079.D
Acq: 16 Dec 2022 22:35

Tgt Ion:142 Resp: 8080
Ion Ratio Lower Upper
142 100
141 88.9 70.4 105.6

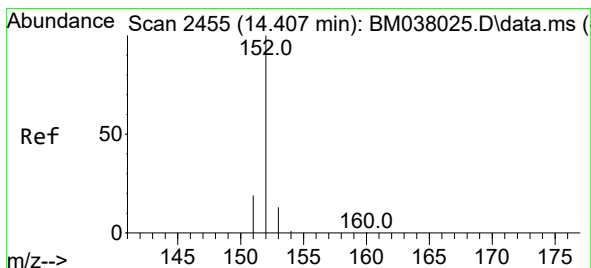
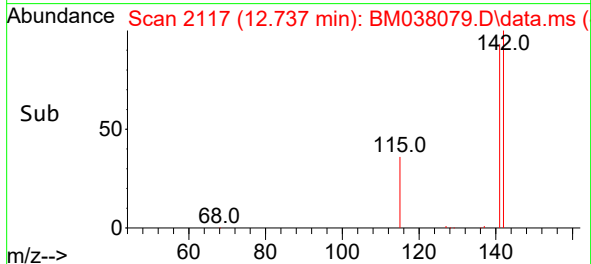
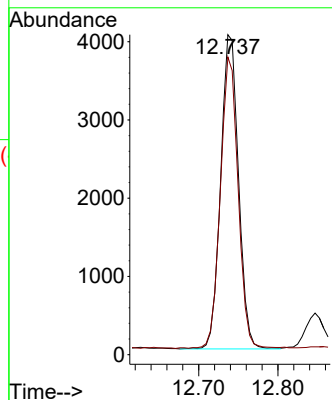
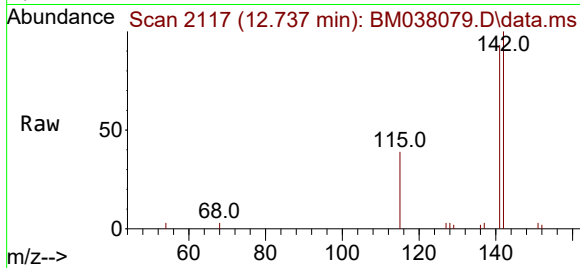




#8
1-Methylnaphthalene
Concen: 0.205 ng/ul
RT: 12.737 min Scan# 2117
Delta R.T. -0.011 min
Lab File: BM038079.D
Acq: 16 Dec 2022 22:35

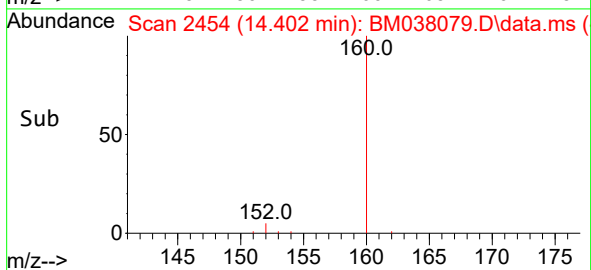
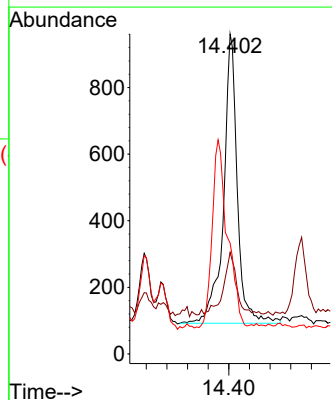
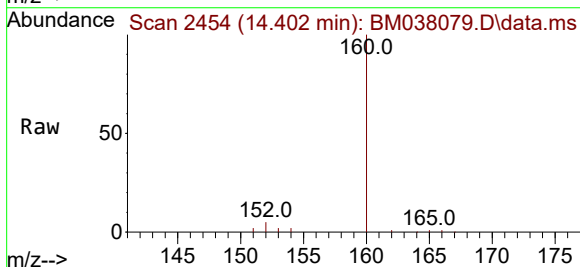
Instrument :
BNA_M
ClientSampleId :
DBYC7

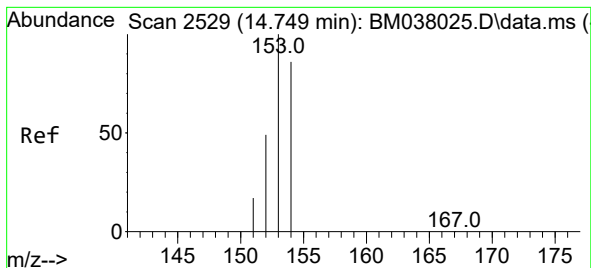
Tgt Ion:142 Resp: 6268
Ion Ratio Lower Upper
142 100
141 92.2 73.6 110.4



#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 14.402 min Scan# 2454
Delta R.T. -0.005 min
Lab File: BM038079.D
Acq: 16 Dec 2022 22:35

Tgt Ion:152 Resp: 1620
Ion Ratio Lower Upper
152 100
151 31.7 15.5 23.3#
153 34.7 11.0 16.4#





#11

Acenaphthene

Concen: 0.021 ng/ul

RT: 14.740 min Scan# 21

Delta R.T. -0.009 min

Lab File: BM038079.D

Acq: 16 Dec 2022 22:35

Instrument :

BNA_M

ClientSampleId :

DBYC7

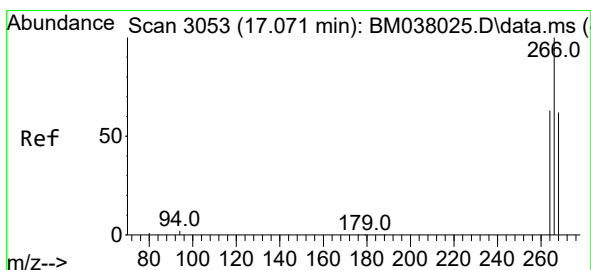
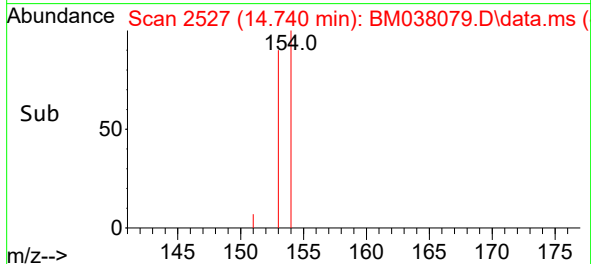
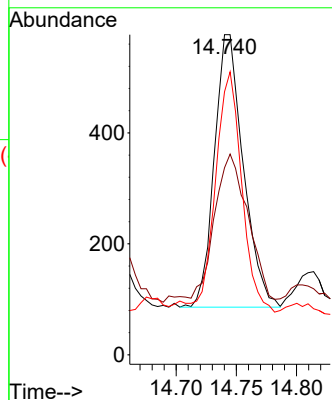
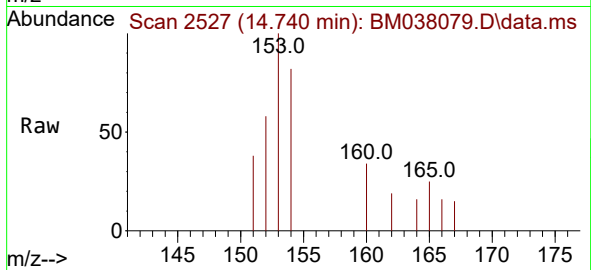
Tgt Ion:153 Resp: 820

Ion Ratio Lower Upper

153 100

152 58.4 39.5 59.3

154 82.1 69.2 103.8



#14

Pentachlorophenol

Concen: 0.137 ng/ul

RT: 17.067 min Scan# 3052

Delta R.T. -0.004 min

Lab File: BM038079.D

Acq: 16 Dec 2022 22:35

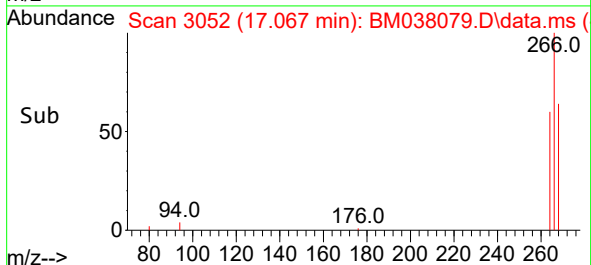
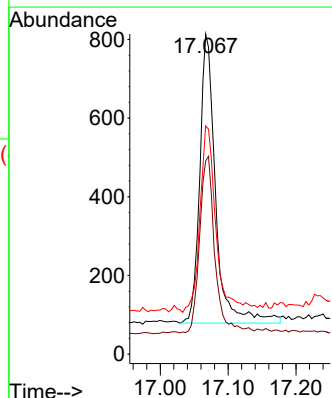
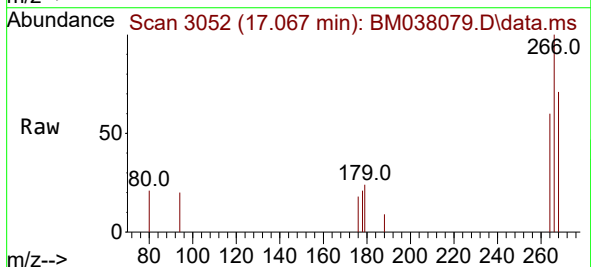
Tgt Ion:266 Resp: 1200

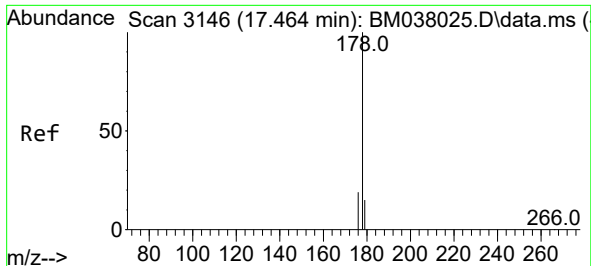
Ion Ratio Lower Upper

266 100

264 58.3 49.9 74.9

268 65.7 52.0 78.0

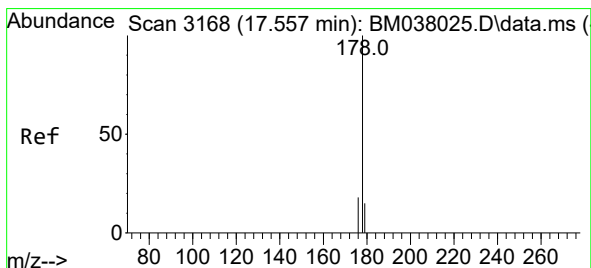
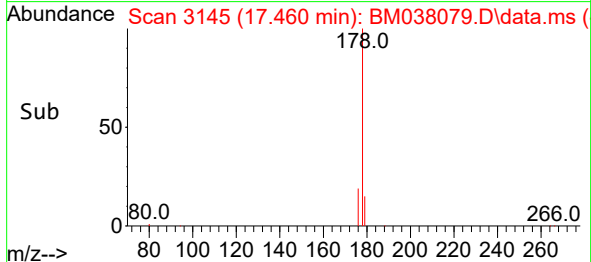
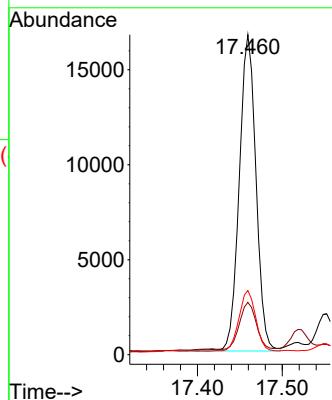
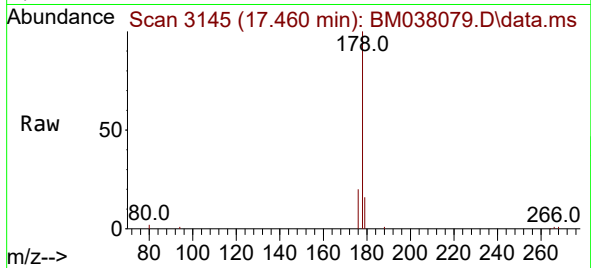




#15
Phenanthrene
Concen: 0.321 ng/ul
RT: 17.460 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM038079.D
Acq: 16 Dec 2022 22:35

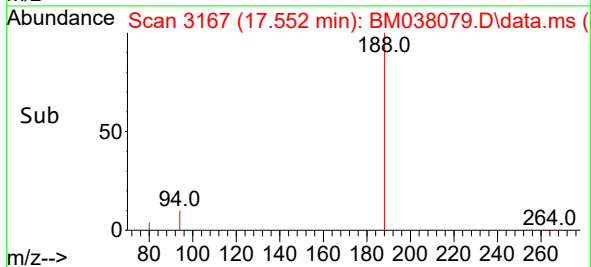
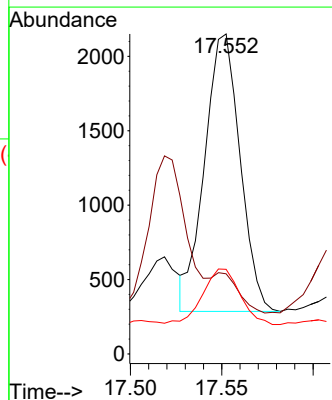
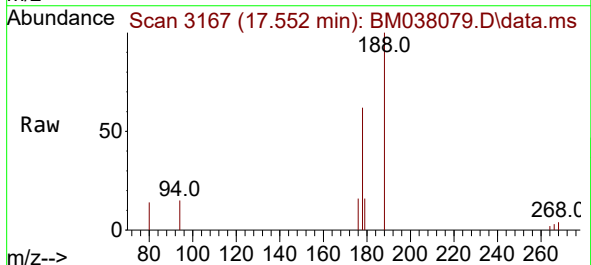
Instrument :
BNA_M
ClientSampleId :
DBYC7

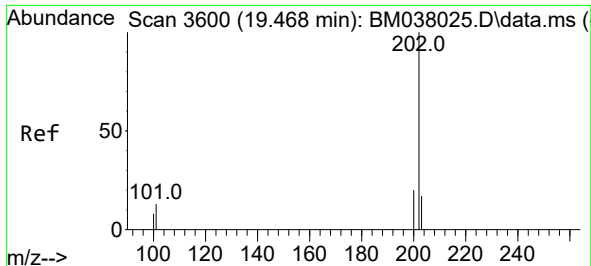
Tgt Ion:178 Resp: 22864
Ion Ratio Lower Upper
178 100
179 16.4 12.6 19.0
176 20.0 15.8 23.6



#16
Anthracene
Concen: 0.038 ng/ul
RT: 17.552 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BM038079.D
Acq: 16 Dec 2022 22:35

Tgt Ion:178 Resp: 2514
Ion Ratio Lower Upper
178 100
179 25.1 13.0 19.4#
176 26.5 15.0 22.4#

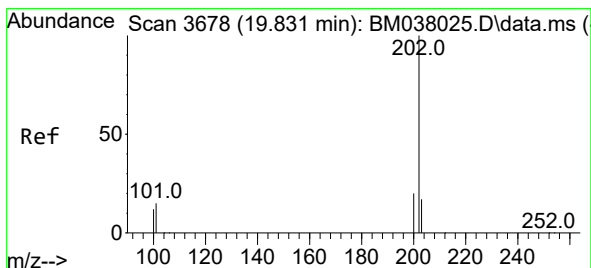
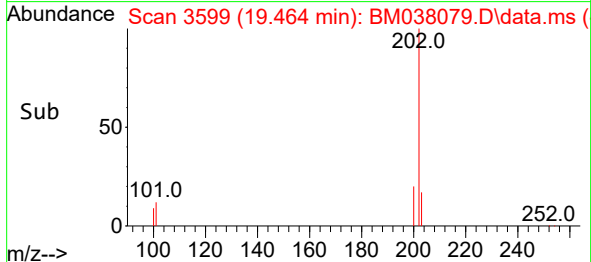
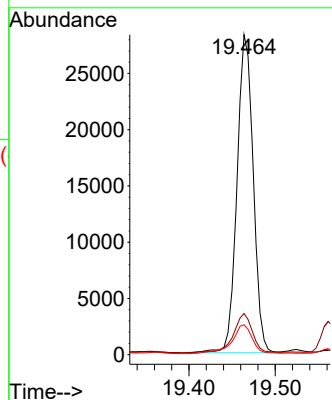
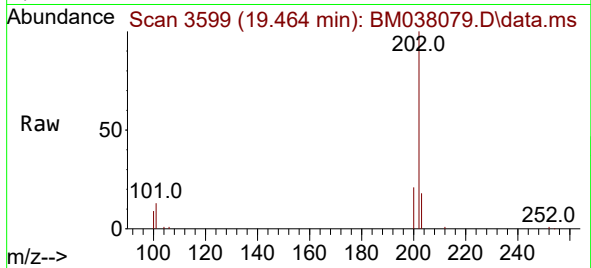




#19
Fluoranthene
Concen: 0.434 ng/ul
RT: 19.464 min Scan# 3599
Delta R.T. -0.005 min
Lab File: BM038079.D
Acq: 16 Dec 2022 22:35

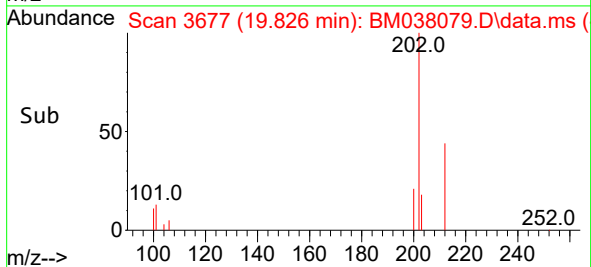
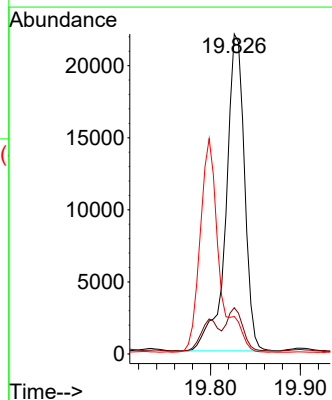
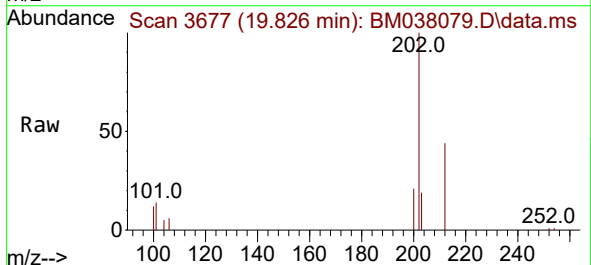
Instrument :
BNA_M
ClientSampleId :
DBYC7

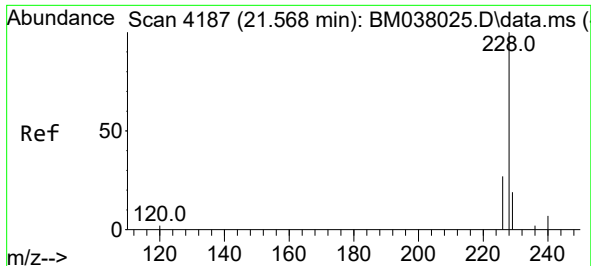
Tgt Ion:202 Resp: 37069
Ion Ratio Lower Upper
202 100
101 12.9 10.6 15.8
100 9.3 7.9 11.9



#20
Pyrene
Concen: 0.361 ng/ul
RT: 19.826 min Scan# 3677
Delta R.T. -0.005 min
Lab File: BM038079.D
Acq: 16 Dec 2022 22:35

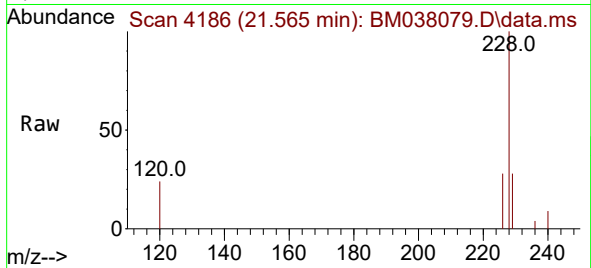
Tgt Ion:202 Resp: 31472
Ion Ratio Lower Upper
202 100
101 14.5 12.1 18.1
100 11.7 9.8 14.6



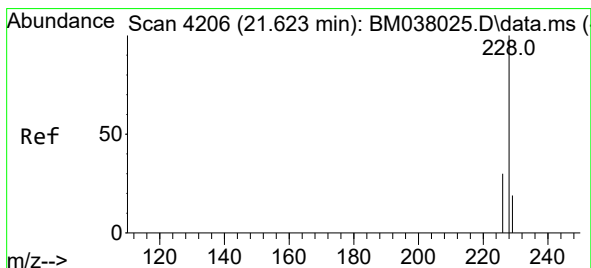
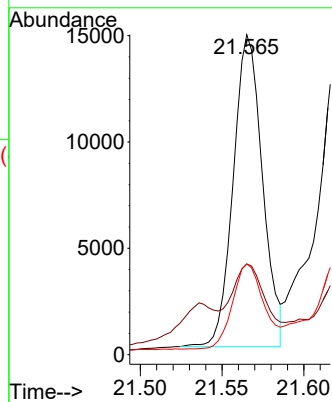
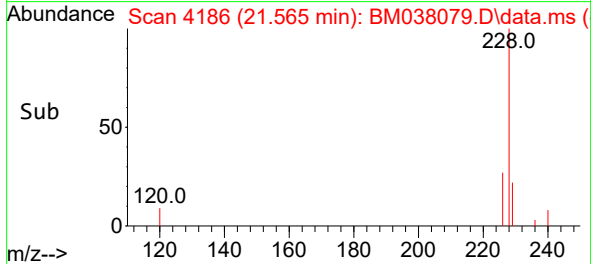


#21
Benzo(a)anthracene
Concen: 0.256 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. -0.003 min
Lab File: BM038079.D
Acq: 16 Dec 2022 22:35

Instrument :
BNA_M
ClientSampleId :
DBYC7

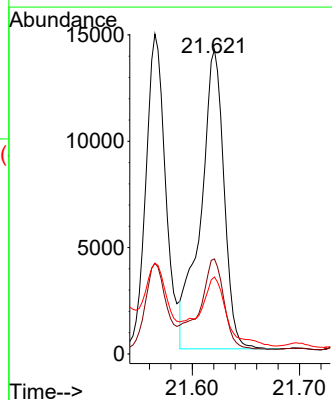
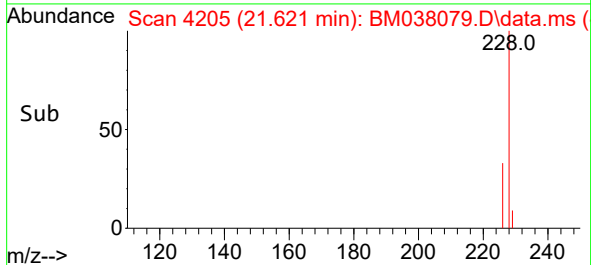
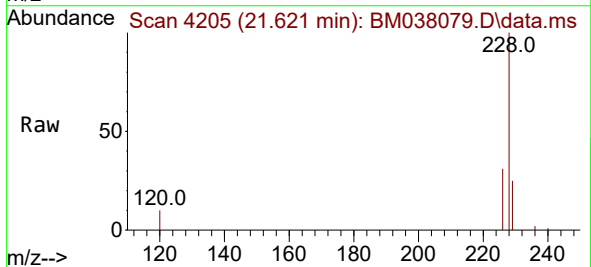


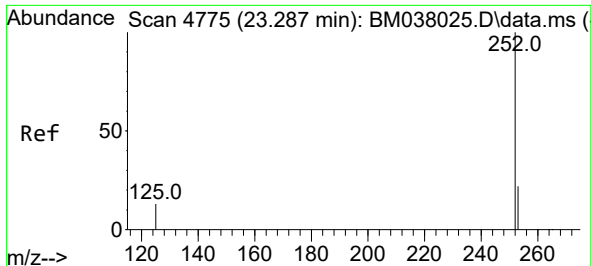
Tgt Ion:228 Resp: 18279
Ion Ratio Lower Upper
228 100
229 28.4 15.9 23.9#
226 28.4 22.1 33.1



#22
Chrysene
Concen: 0.296 ng/ul
RT: 21.621 min Scan# 4205
Delta R.T. -0.003 min
Lab File: BM038079.D
Acq: 16 Dec 2022 22:35

Tgt Ion:228 Resp: 21305
Ion Ratio Lower Upper
228 100
226 31.2 24.1 36.1
229 25.3 15.7 23.5#

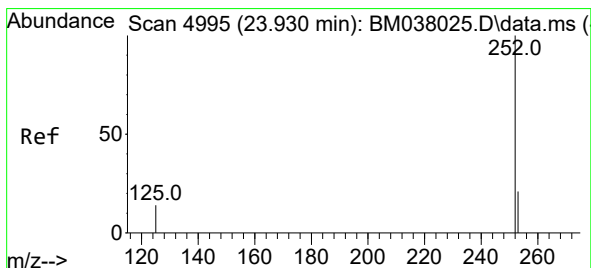
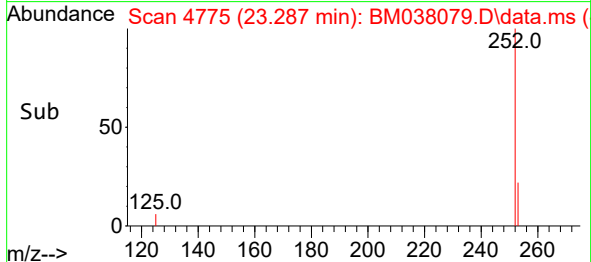
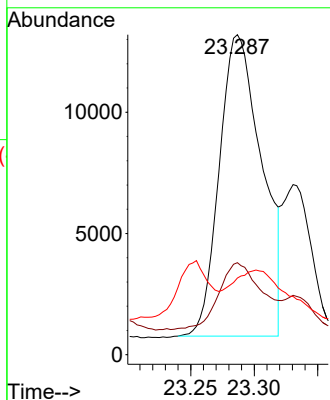
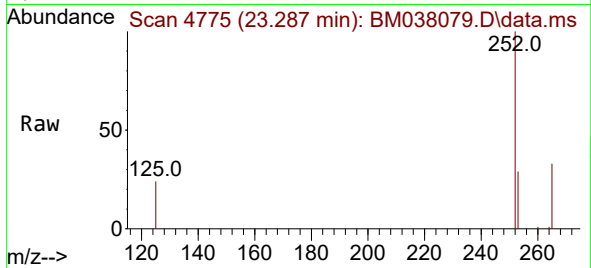




#24
Benzo(b)fluoranthene
Concen: 0.382 ng/ul
RT: 23.287 min Scan# 4775
Delta R.T. 0.000 min
Lab File: BM038079.D
Acq: 16 Dec 2022 22:35

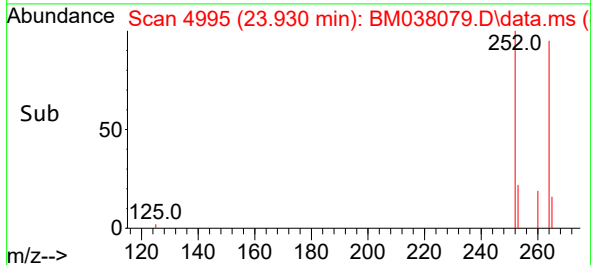
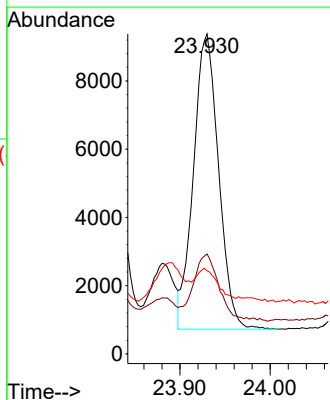
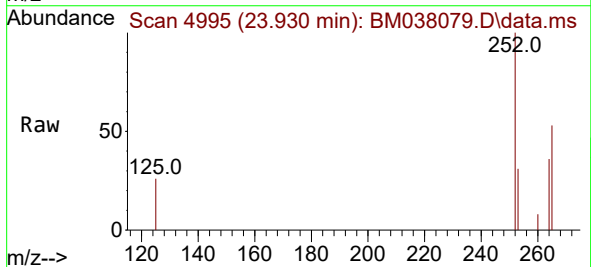
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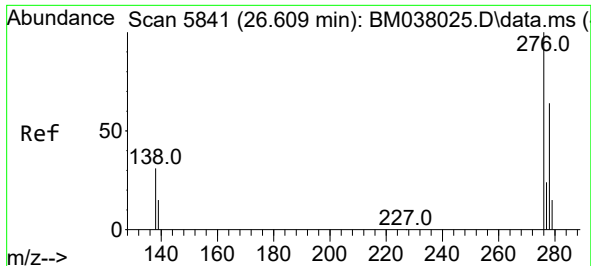
Tgt Ion:252 Resp: 28950
Ion Ratio Lower Upper
252 100
253 28.7 0.0 51.8
125 24.0 0.0 42.2



#26
Benzo(a)pyrene
Concen: 0.262 ng/ul
RT: 23.930 min Scan# 4995
Delta R.T. 0.000 min
Lab File: BM038079.D
Acq: 16 Dec 2022 22:35

Tgt Ion:252 Resp: 16715
Ion Ratio Lower Upper
252 100
253 31.3 21.9 32.9
125 26.0 20.7 31.1

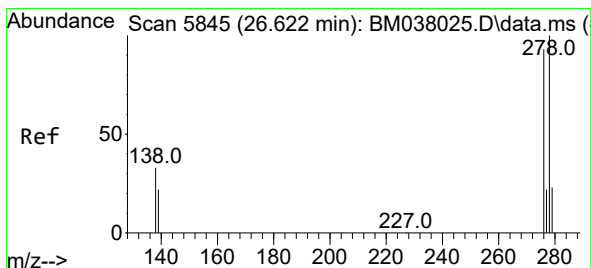
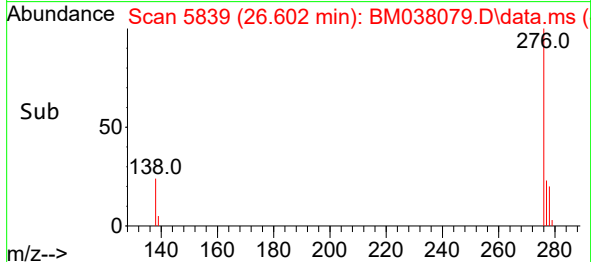
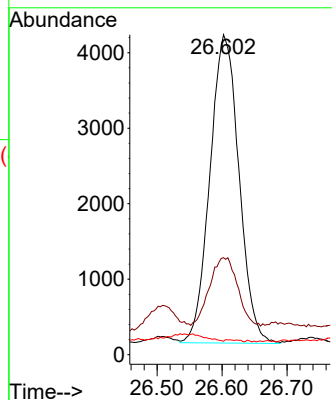
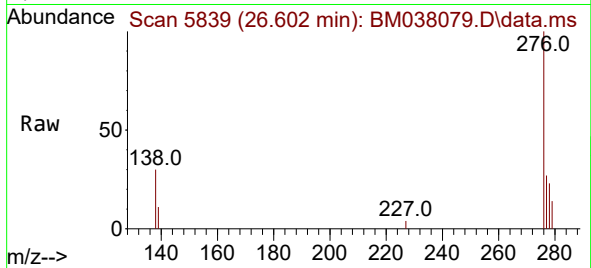




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.158 ng/ul
 RT: 26.602 min Scan# 5839
 Delta R.T. -0.007 min
 Lab File: BM038079.D
 Acq: 16 Dec 2022 22:35

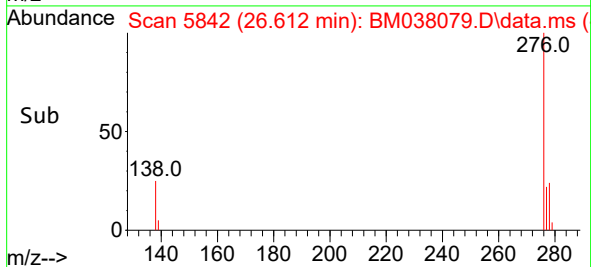
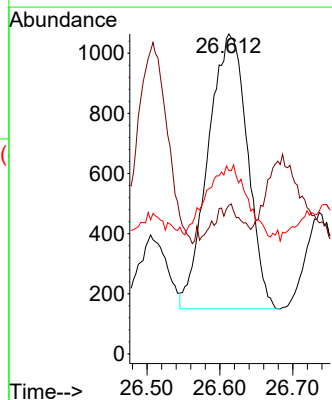
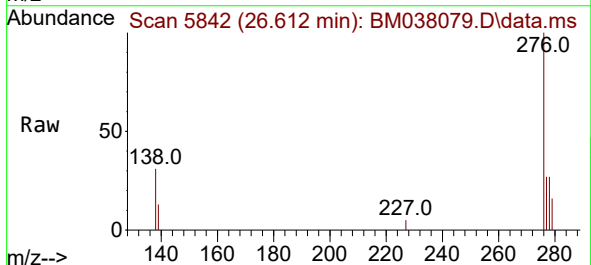
Instrument :
 BNA_M
 ClientSampleId :
 DBYC7

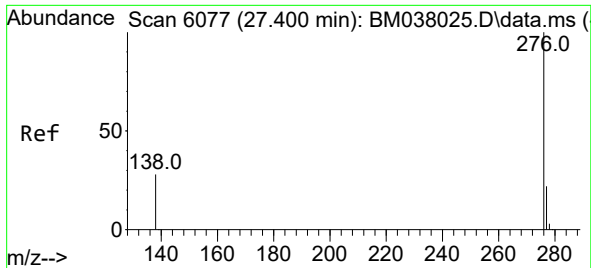
Tgt Ion:276 Resp: 12676
 Ion Ratio Lower Upper
 276 100
 138 22.4 26.6 40.0#
 227 0.3 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.055 ng/ul
 RT: 26.612 min Scan# 5842
 Delta R.T. -0.010 min
 Lab File: BM038079.D
 Acq: 16 Dec 2022 22:35

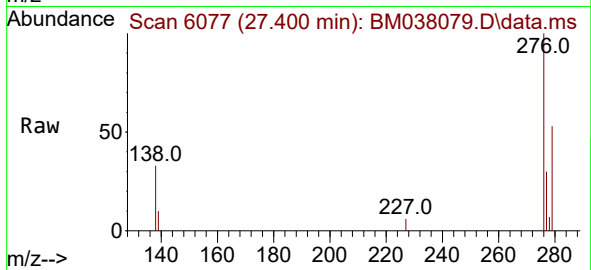
Tgt Ion:278 Resp: 3427
 Ion Ratio Lower Upper
 278 100
 139 46.4 19.0 28.6#
 279 57.3 22.4 33.6#





#29
 Benzo(g,h,i)perylene
 Concen: 0.144 ng/ul
 RT: 27.400 min Scan# 6077
 Delta R.T. 0.000 min
 Lab File: BM038079.D
 Acq: 16 Dec 2022 22:35

Instrument :
 BNA_M
 ClientSampleId :
 DBYC7



Tgt Ion:	276	Resp:	9791
Ion	Ratio	Lower	Upper
276	100		
138	33.3	24.1	36.1
277	30.1	19.0	28.6

