

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038062.D
 Acq On : 16 Dec 2022 12:02
 Operator : CG/JU
 Sample : N5925-03
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 16 23:19:54 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

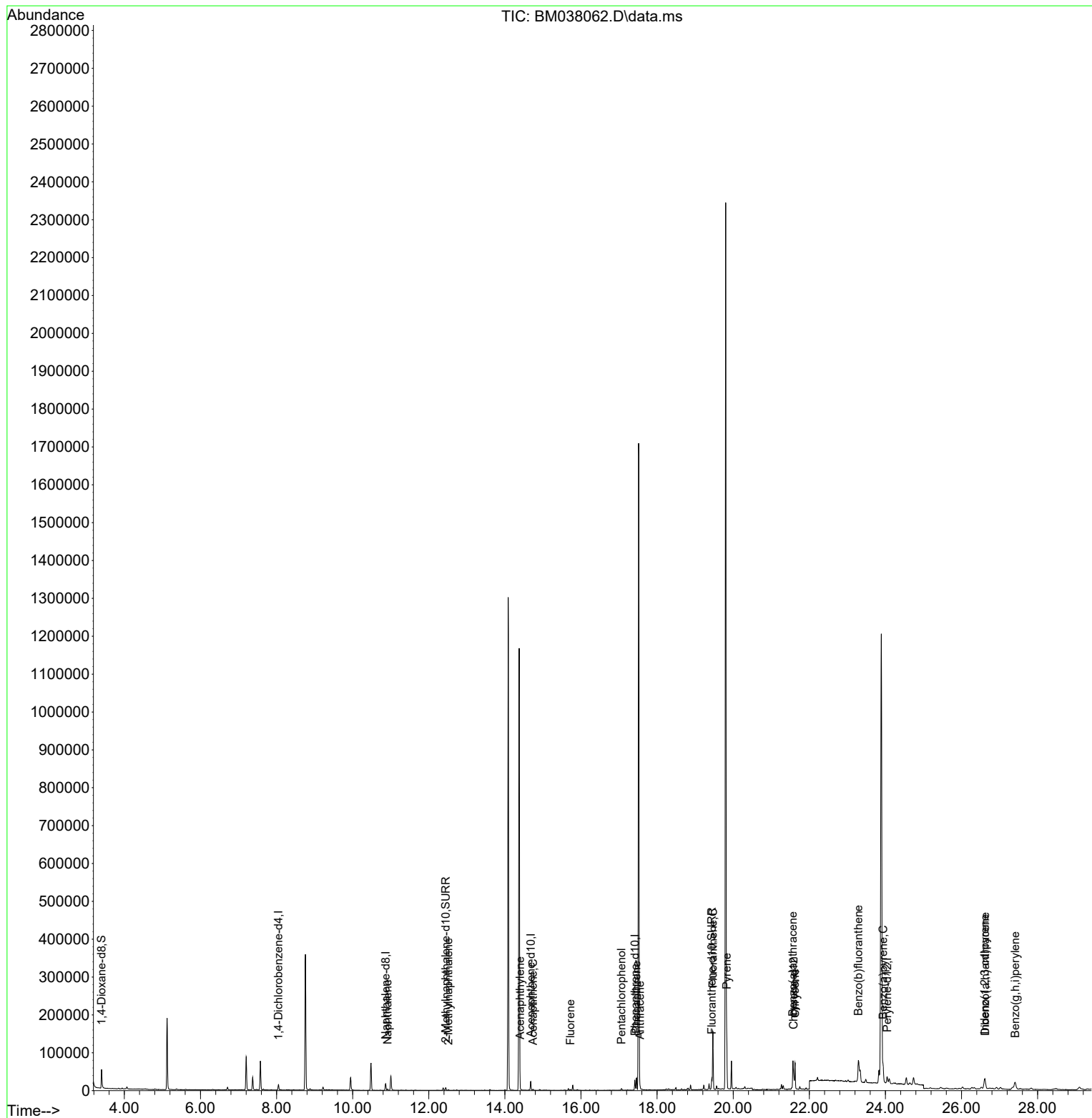
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	7215	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.867	136	22314	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.680	164	12432	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	27583	0.400	ng/ul	0.00
17) Chrysene-d12	21.588	240	25129	0.400	ng/ul	0.00
23) Perylene-d12	24.047	264	24665	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	31971	3.242	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.445	152	8607	0.264	ng/ul	-0.01
18) Fluoranthene-d10	19.436	212	25085	0.275	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.916	128	2072	0.031	ng/ul#	87
7) 2-Methylnaphthalene	12.517	142	985	0.024	ng/ul	99
10) Acenaphthylene	14.402	152	2928	0.045	ng/ul#	89
11) Acenaphthene	14.740	153	1300	0.026	ng/ul	94
12) Fluorene	15.721	166	1129	0.021	ng/ul#	95
14) Pentachlorophenol	17.063	266	3224	0.282	ng/ul	98
15) Phenanthrene	17.459	178	33041	0.356	ng/ul	100
16) Anthracene	17.548	178	8010	0.093	ng/ul	93
19) Fluoranthene	19.468	202	124591	0.960	ng/ul	99
20) Pyrene	19.831	202	110038	0.831	ng/ul	99
21) Benzo(a)anthracene	21.571	228	61532	0.567	ng/ul	99
22) Chrysene	21.623	228	69823	0.638	ng/ul	97
24) Benzo(b)fluoranthene	23.289	252	103970	0.889	ng/ul#	72
26) Benzo(a)pyrene	23.938	252	62187	0.631	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.612	276	46693	0.378	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.622	278	11511	0.120	ng/ul#	41
29) Benzo(g,h,i)perylene	27.410	276	42472	0.404	ng/ul	96

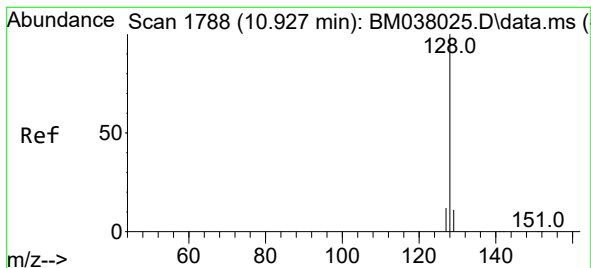
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.031 ng/ul

RT: 10.916 min Scan# 1

Delta R.T. -0.011 min

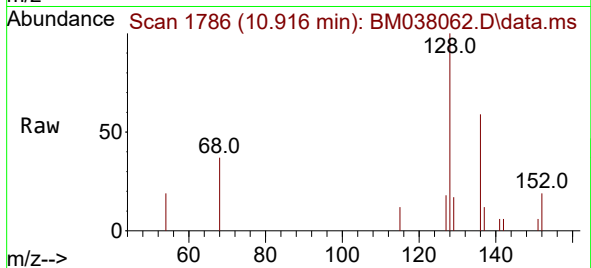
Lab File: BM038062.D

Acq: 16 Dec 2022 12:02

Instrument :

BNA_M

ClientSampleId :



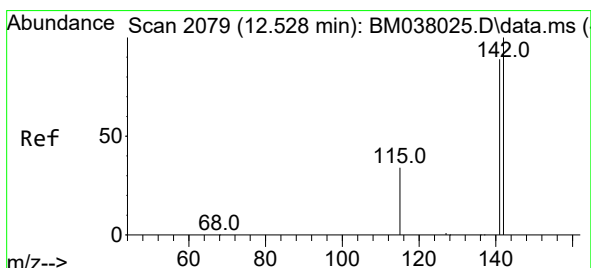
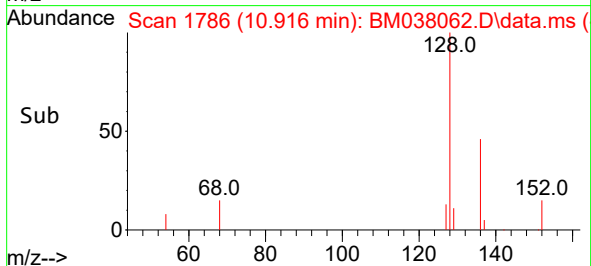
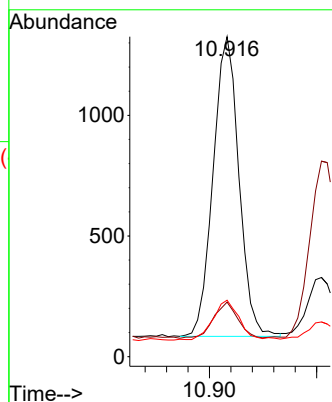
Tgt Ion:128 Resp: 2072

Ion Ratio Lower Upper

128 100

129 17.0 9.1 13.7#

127 17.6 10.4 15.6#



#7

2-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 12.517 min Scan# 2077

Delta R.T. -0.011 min

Lab File: BM038062.D

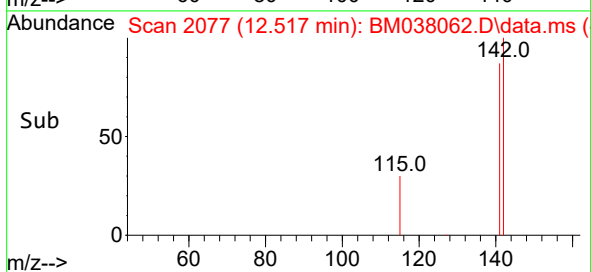
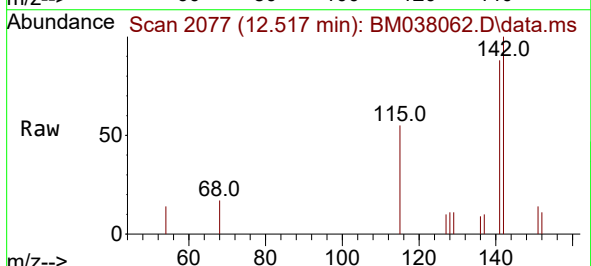
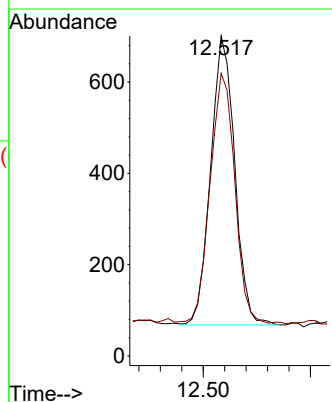
Acq: 16 Dec 2022 12:02

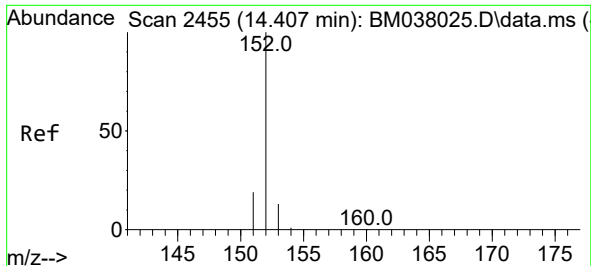
Tgt Ion:142 Resp: 985

Ion Ratio Lower Upper

142 100

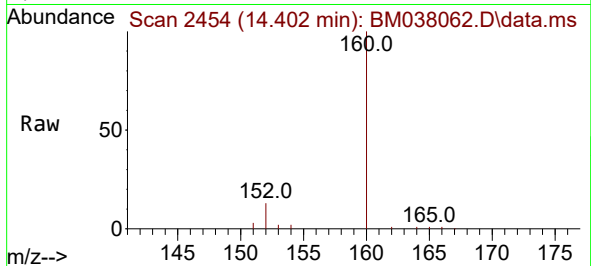
141 89.0 70.4 105.6



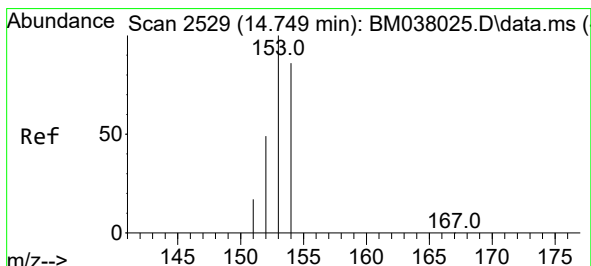
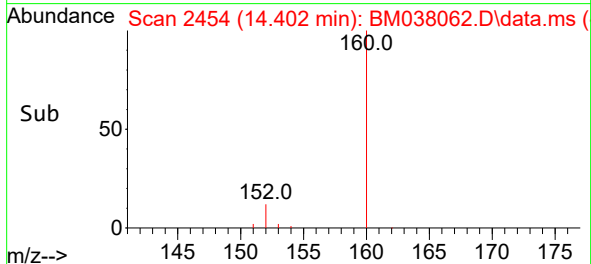
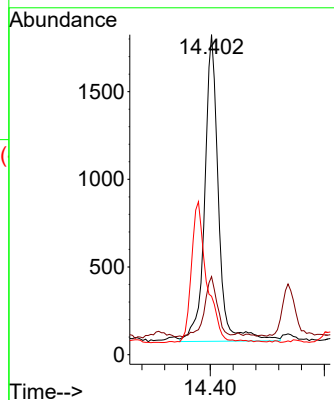


#10
Acenaphthylene
Concen: 0.045 ng/ul
RT: 14.402 min Scan# 2455
Delta R.T. -0.005 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02

Instrument :
BNA_M
ClientSampleId :

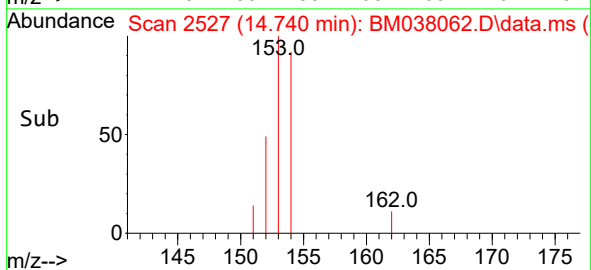
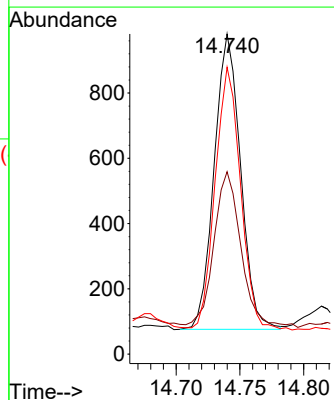
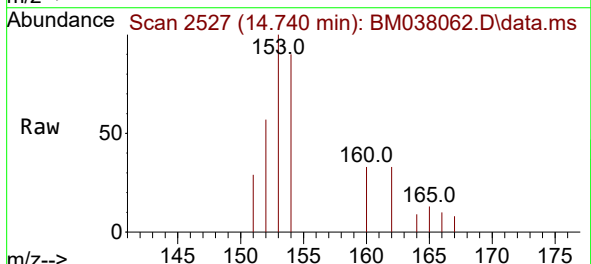


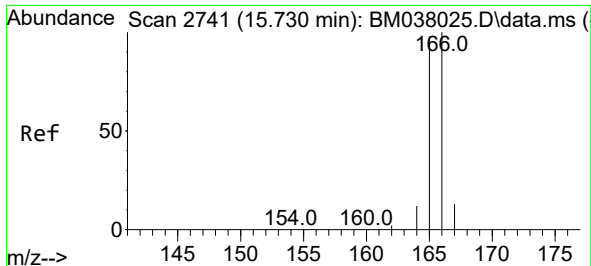
Tgt Ion:152 Resp: 2928
Ion Ratio Lower Upper
152 100
151 24.4 15.5 23.3#
153 18.2 11.0 16.4#



#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.740 min Scan# 2527
Delta R.T. -0.009 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02

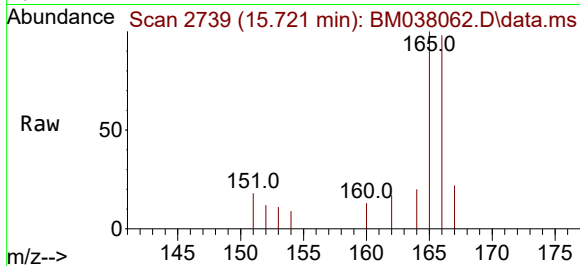
Tgt Ion:153 Resp: 1300
Ion Ratio Lower Upper
153 100
152 57.0 39.5 59.3
154 89.6 69.2 103.8



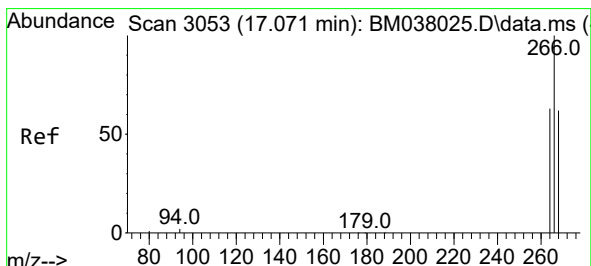
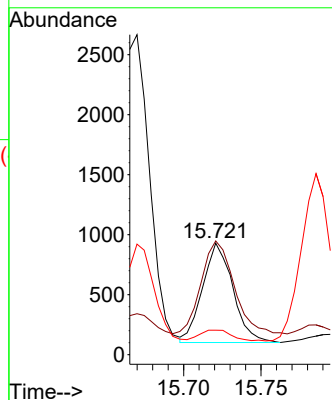
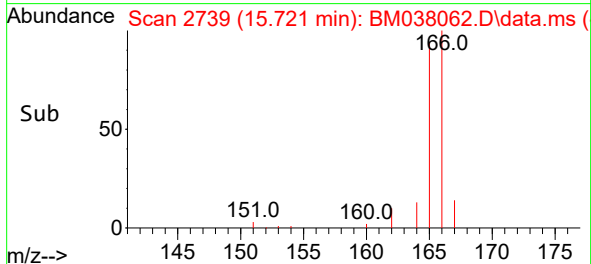


#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.721 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02

Instrument :
BNA_M
ClientSampleId :

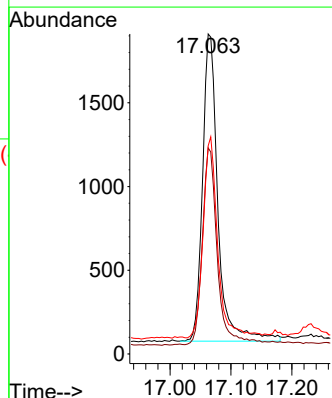
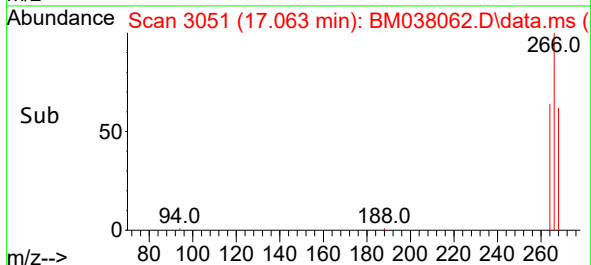
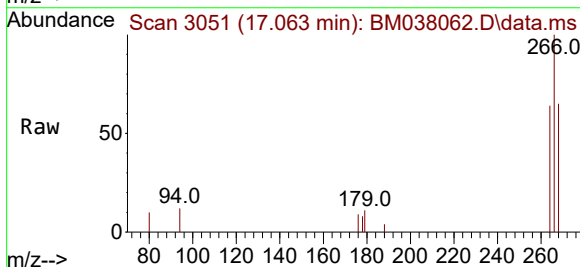


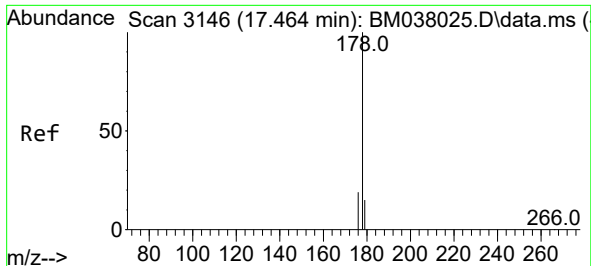
Tgt Ion:166 Resp: 1129
Ion Ratio Lower Upper
166 100
165 102.0 79.0 118.4
167 22.0 11.1 16.7#



#14
Pentachlorophenol
Concen: 0.282 ng/ul
RT: 17.063 min Scan# 3051
Delta R.T. -0.008 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02

Tgt Ion:266 Resp: 3224
Ion Ratio Lower Upper
266 100
264 62.7 49.9 74.9
268 62.8 52.0 78.0

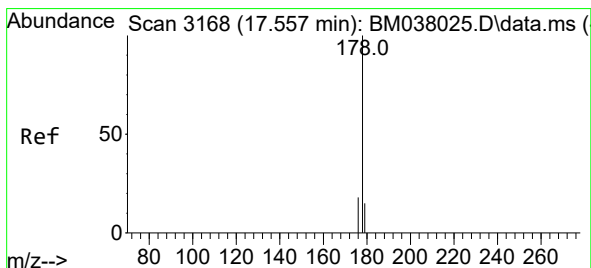
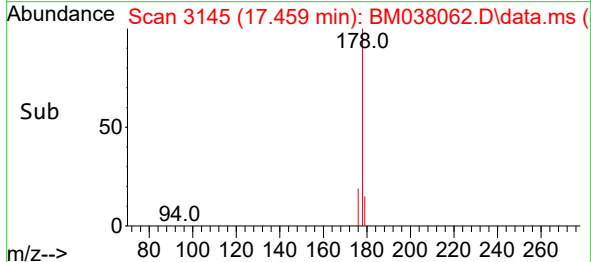
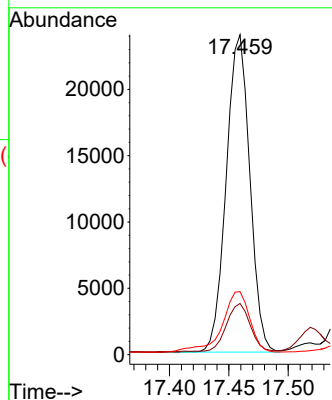
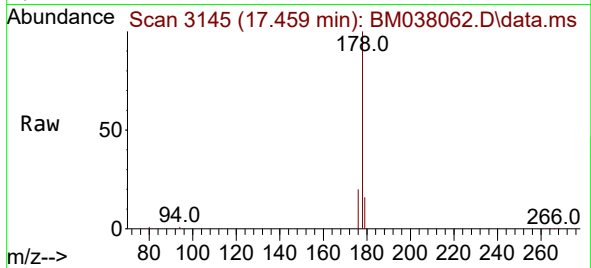




#15
Phenanthrene
Concen: 0.356 ng/ul
RT: 17.459 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02

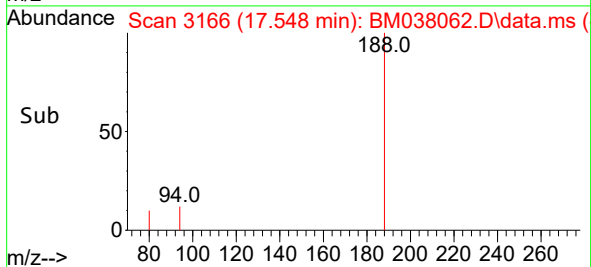
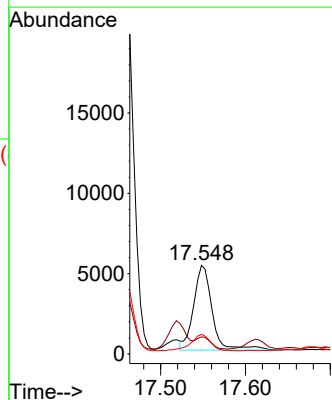
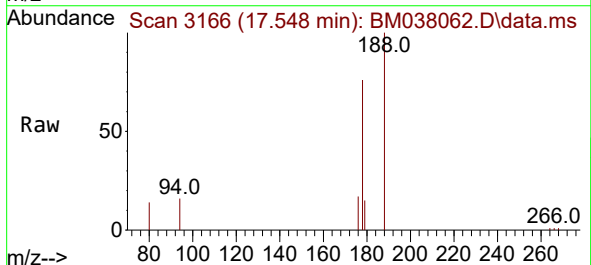
Instrument :
BNA_M
ClientSampleId :

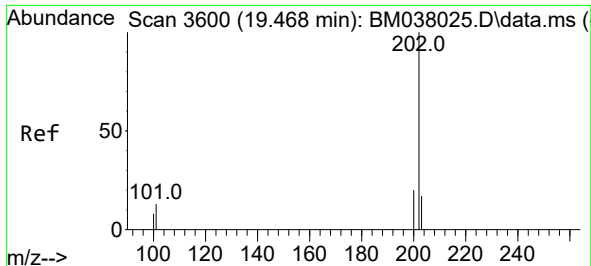
Tgt Ion:178 Resp: 33041
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 19.7 15.8 23.6



#16
Anthracene
Concen: 0.093 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. -0.008 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02

Tgt Ion:178 Resp: 8010
Ion Ratio Lower Upper
178 100
179 19.3 13.0 19.4
176 22.1 15.0 22.4

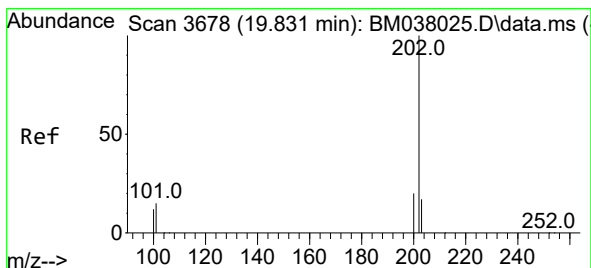
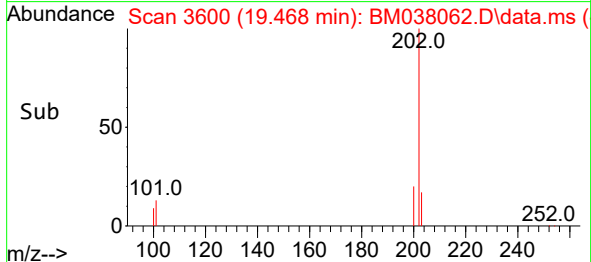
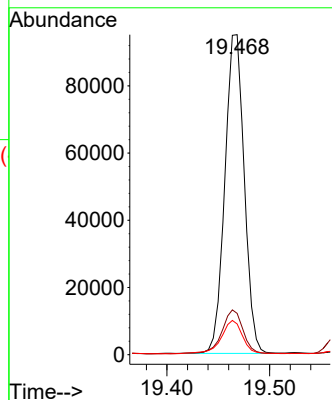
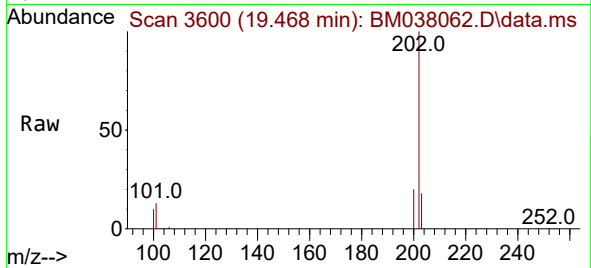




#19
Fluoranthene
Concen: 0.960 ng/ul
RT: 19.468 min Scan# 3600
Delta R.T. -0.000 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02

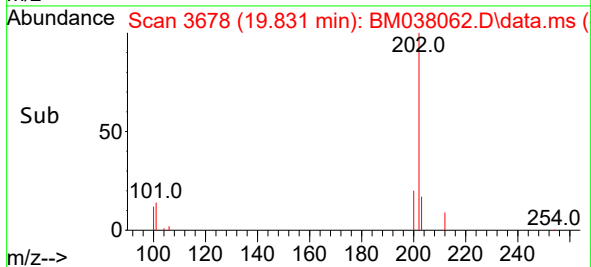
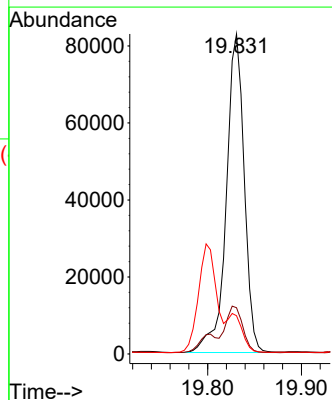
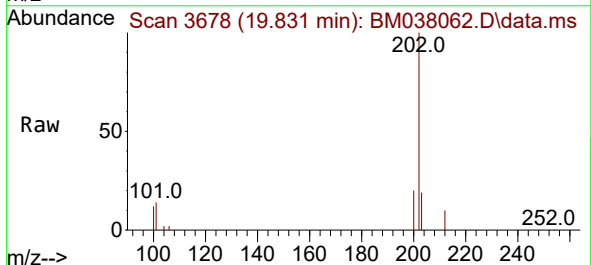
Instrument :
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ClientSampleId :

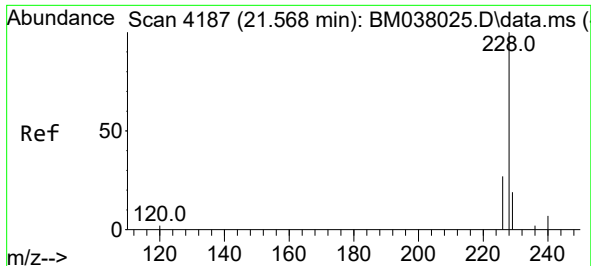
Tgt Ion:202 Resp: 124591
Ion Ratio Lower Upper
202 100
101 12.9 10.6 15.8
100 9.6 7.9 11.9



#20
Pyrene
Concen: 0.831 ng/ul
RT: 19.831 min Scan# 3678
Delta R.T. -0.000 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02

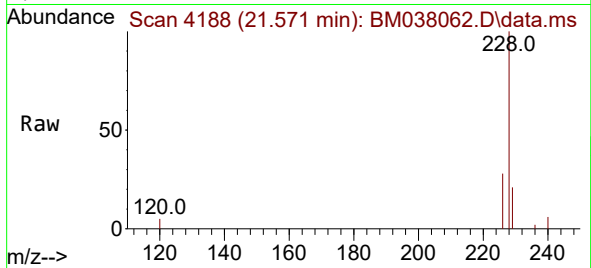
Tgt Ion:202 Resp: 110038
Ion Ratio Lower Upper
202 100
101 14.4 12.1 18.1
100 12.0 9.8 14.6



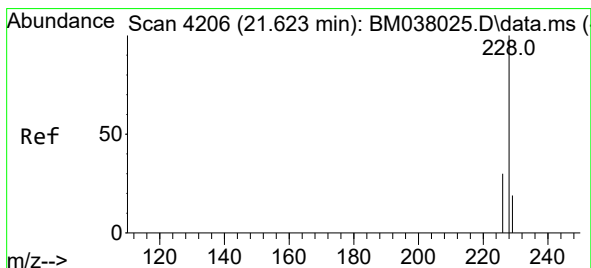
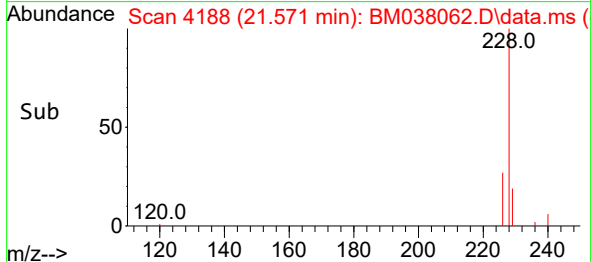
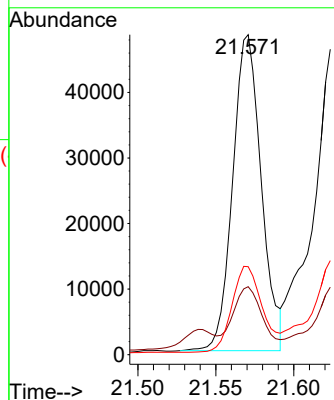


#21
Benzo(a)anthracene
Concen: 0.567 ng/ul
RT: 21.571 min Scan# 4188
Delta R.T. 0.003 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02

Instrument :
BNA_M
ClientSampleId :

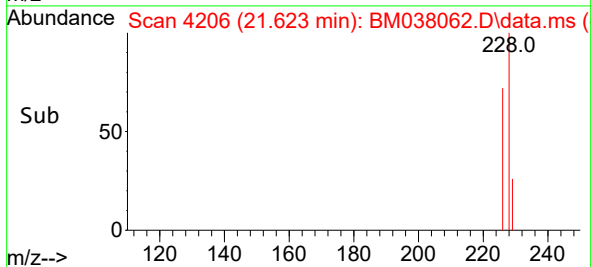
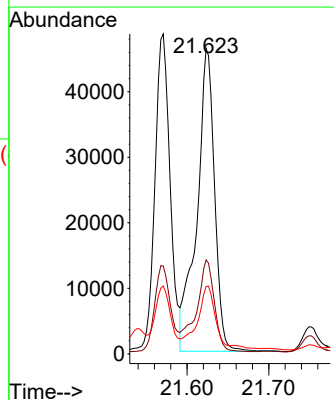
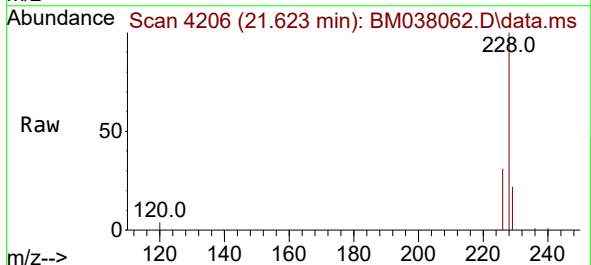


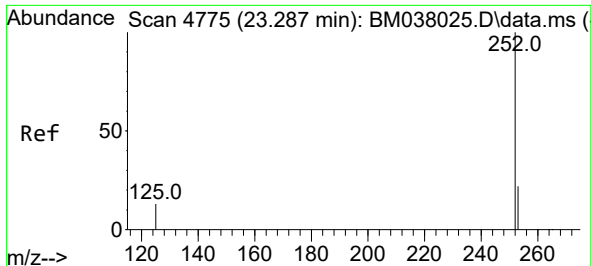
Tgt Ion:228 Resp: 61532
Ion Ratio Lower Upper
228 100
229 21.3 15.9 23.9
226 27.5 22.1 33.1



#22
Chrysene
Concen: 0.638 ng/ul
RT: 21.623 min Scan# 4206
Delta R.T. -0.000 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02

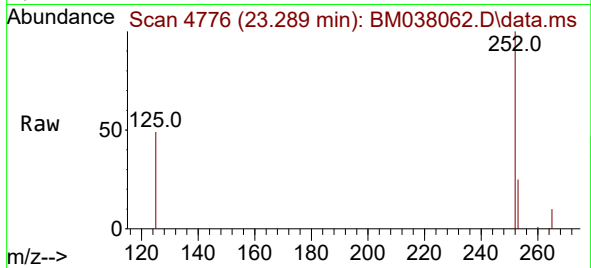
Tgt Ion:228 Resp: 69823
Ion Ratio Lower Upper
228 100
226 30.8 24.1 36.1
229 22.1 15.7 23.5



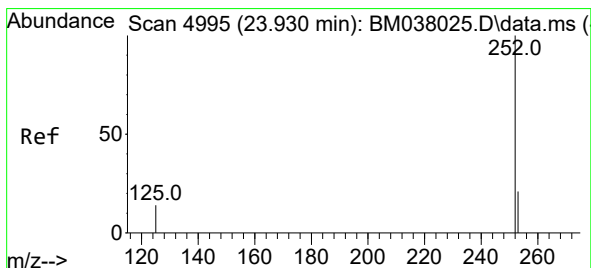
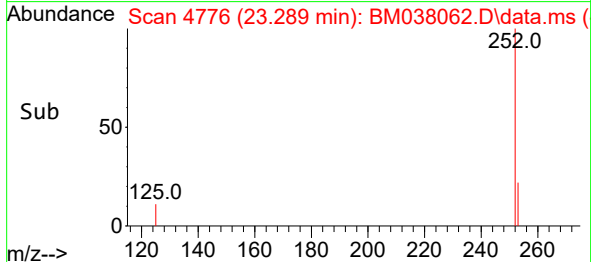
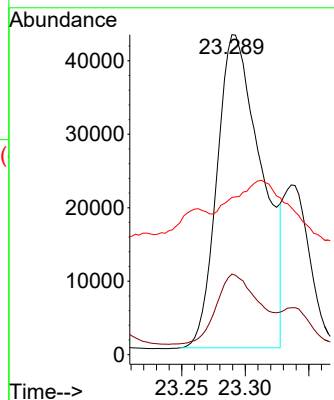


#24
Benzo(b)fluoranthene
Concen: 0.889 ng/ul
RT: 23.289 min Scan# 4775
Delta R.T. 0.003 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02

Instrument :
BNA_M
ClientSampleId :

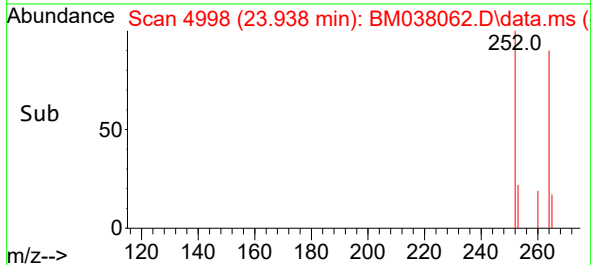
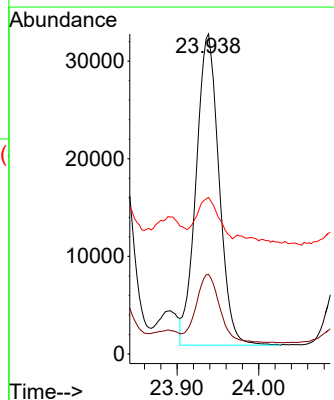
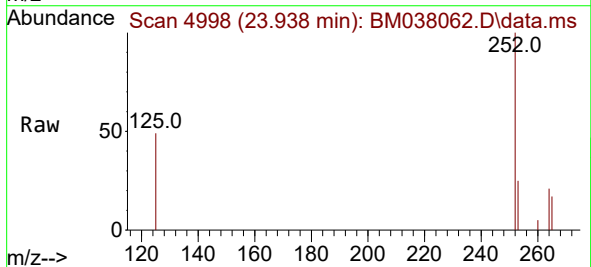


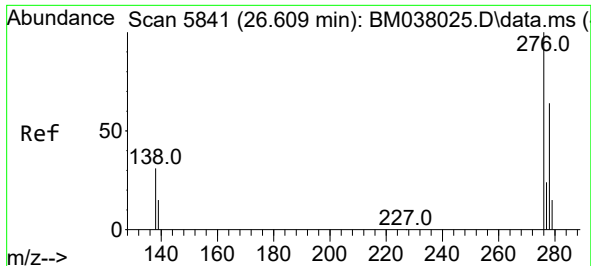
Tgt Ion:252 Resp: 103970
Ion Ratio Lower Upper
252 100
253 25.2 0.0 51.8
125 49.2 0.0 42.2#



#26
Benzo(a)pyrene
Concen: 0.631 ng/ul
RT: 23.938 min Scan# 4998
Delta R.T. 0.009 min
Lab File: BM038062.D
Acq: 16 Dec 2022 12:02

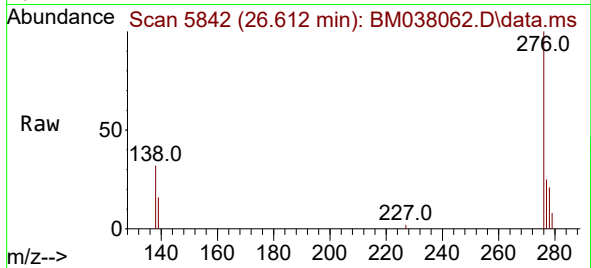
Tgt Ion:252 Resp: 62187
Ion Ratio Lower Upper
252 100
253 24.8 21.9 32.9
125 48.9 20.7 31.1#



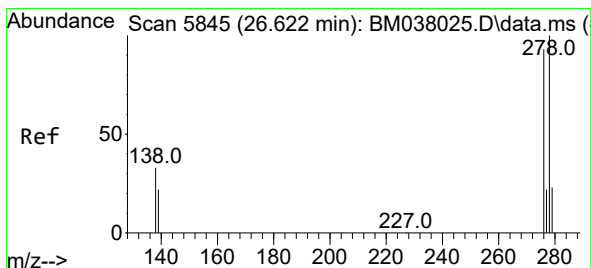
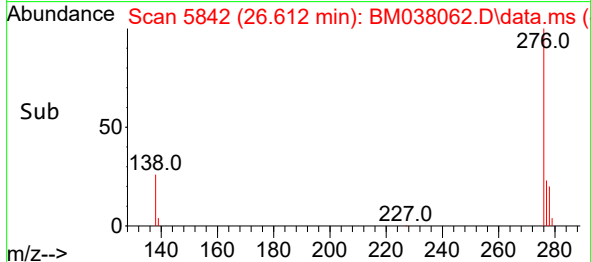
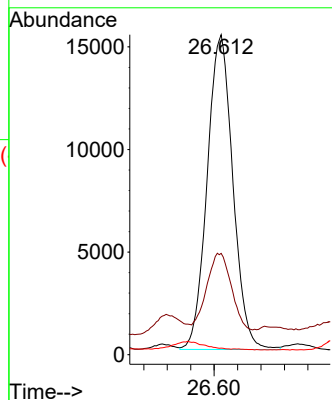


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.378 ng/ul
 RT: 26.612 min Scan# 5842
 Delta R.T. 0.003 min
 Lab File: BM038062.D
 Acq: 16 Dec 2022 12:02

Instrument :
 BNA_M
 ClientSampleId :

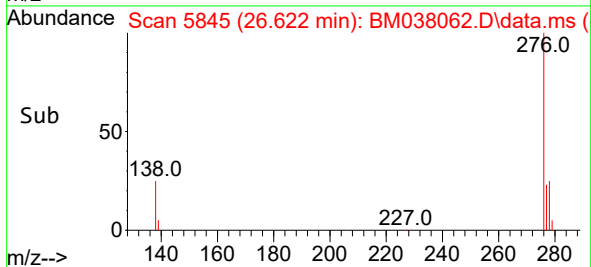
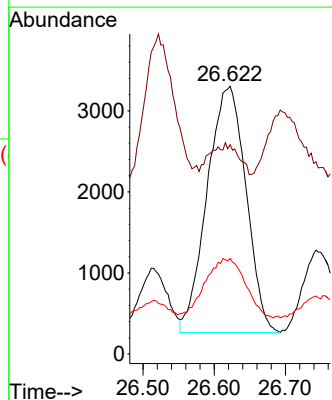
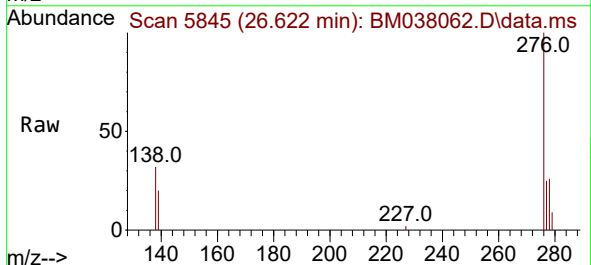


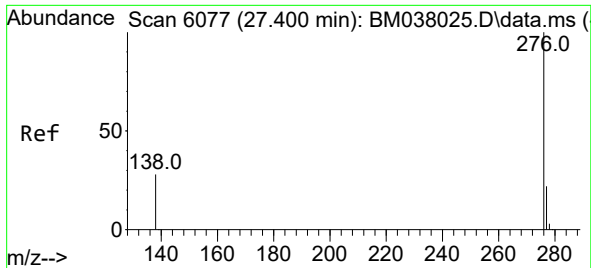
Tgt Ion:276 Resp: 46693
 Ion Ratio Lower Upper
 276 100
 138 24.4 26.6 40.0#
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.120 ng/ul
 RT: 26.622 min Scan# 5845
 Delta R.T. -0.000 min
 Lab File: BM038062.D
 Acq: 16 Dec 2022 12:02

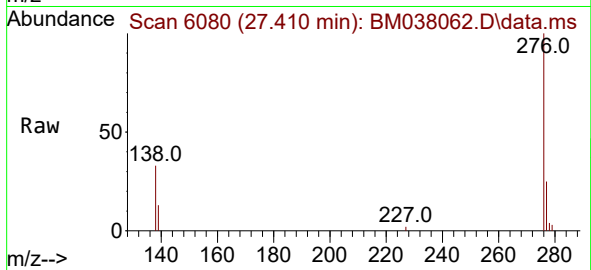
Tgt Ion:278 Resp: 11511
 Ion Ratio Lower Upper
 278 100
 139 78.1 19.0 28.6#
 279 35.7 22.4 33.6#





#29
 Benzo(g,h,i)perylene
 Concen: 0.404 ng/ul
 RT: 27.410 min Scan# 6077
 Delta R.T. 0.010 min
 Lab File: BM038062.D
 Acq: 16 Dec 2022 12:02

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:	276	Resp:	42472
Ion Ratio	Lower	Upper	
276	100		
138	33.0	24.1	36.1
277	24.6	19.0	28.6

