

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037066.D
 Acq On : 14 Oct 2022 22:40
 Operator : CG/JU
 Sample : N5049-03
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BG5

Quant Time: Oct 15 02:30:25 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 07:11:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

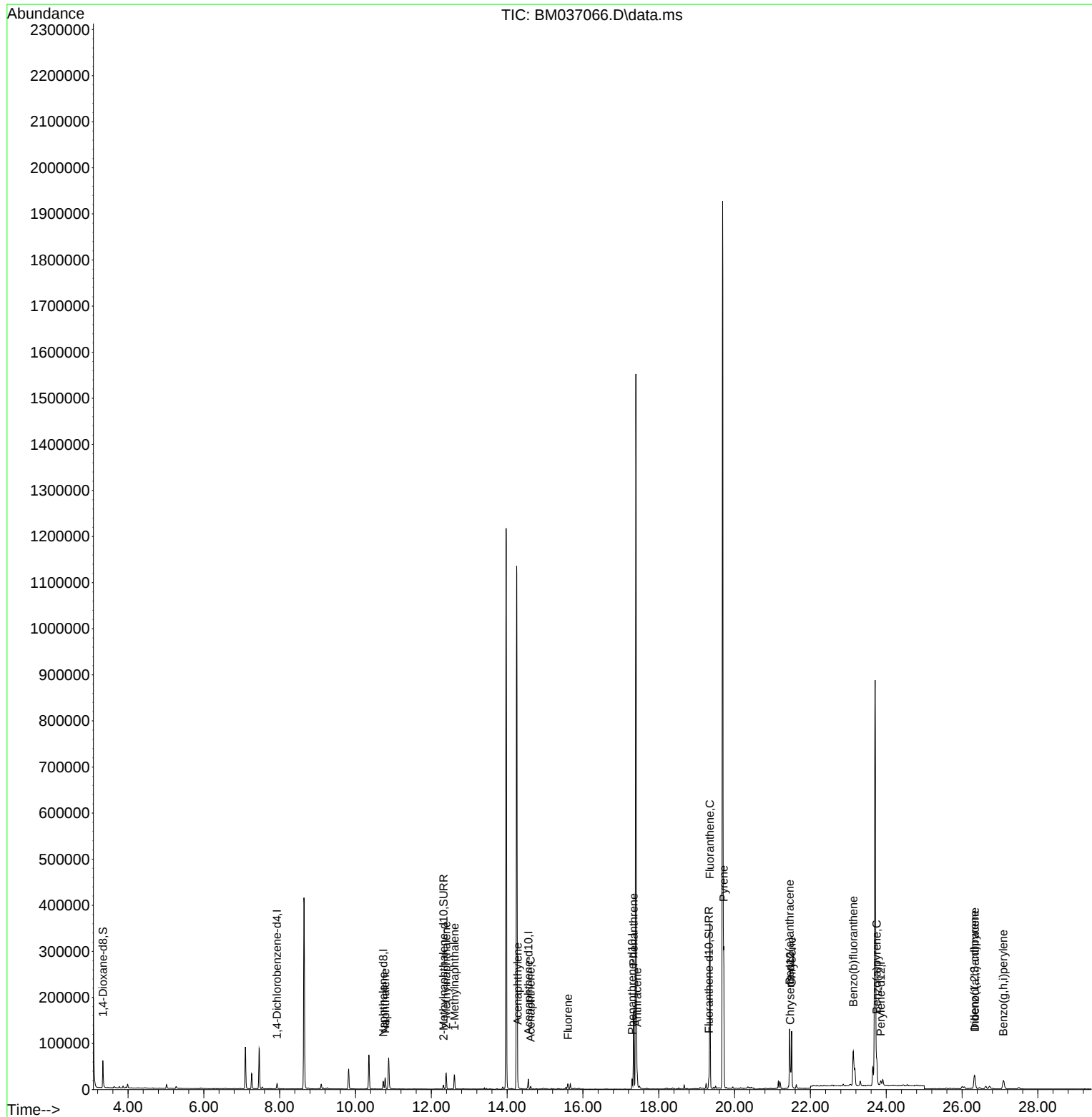
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	5801	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	21395	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.561	164	11809	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	23604	0.400	ng/ul	0.00
17) Chrysene-d12	21.471	240	17804	0.400	ng/ul	0.00
23) Perylene-d12	23.856	264	13799	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	38295	4.681	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	10877	0.337	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	22707	0.426	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.781	128	31379	0.513	ng/ul	97
7) 2-Methylnaphthalene	12.393	142	25206	0.674	ng/ul	92
8) 1-Methylnaphthalene	12.613	142	21140	0.556	ng/ul	99
10) Acenaphthylene	14.279	152	8777	0.179	ng/ul#	92
11) Acenaphthene	14.621	153	3537	0.083	ng/ul	97
12) Fluorene	15.607	166	6215	0.129	ng/ul#	97
15) Phenanthrene	17.339	178	174609	2.317	ng/ul	99
16) Anthracene	17.431	178	26998	0.429	ng/ul	99
19) Fluoranthene	19.350	202	289095	4.082	ng/ul	98
20) Pyrene	19.712	202	228715	3.097	ng/ul	99
21) Benzo(a)anthracene	21.453	228	109951	1.709	ng/ul	99
22) Chrysene	21.506	228	119238	1.727	ng/ul	98
24) Benzo(b)fluoranthene	23.131	252	123440	2.002	ng/ul	88
26) Benzo(a)pyrene	23.750	252	69139	1.382	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.329	276	48587	0.686	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.336	278	12659	0.221	ng/ul	97
29) Benzo(g,h,i)perylene	27.091	276	39808	0.638	ng/ul	98

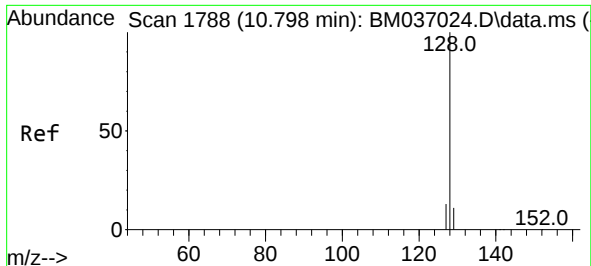
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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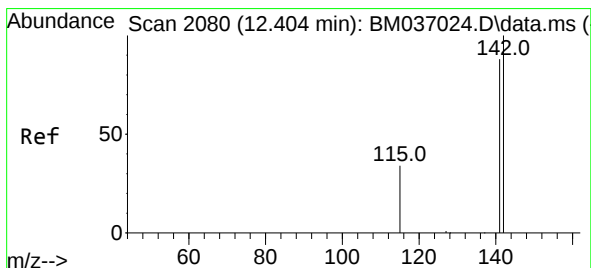
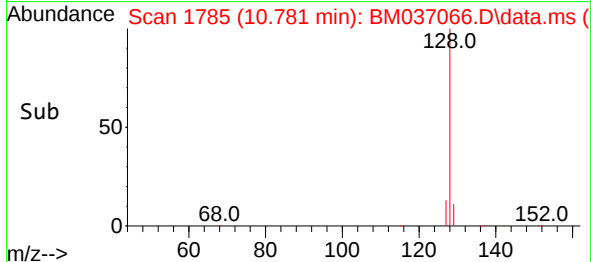
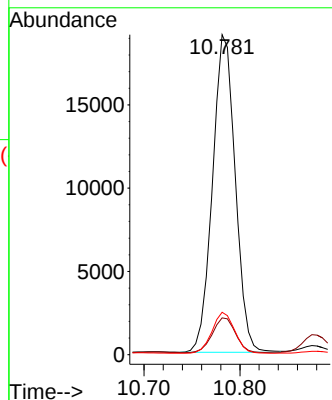
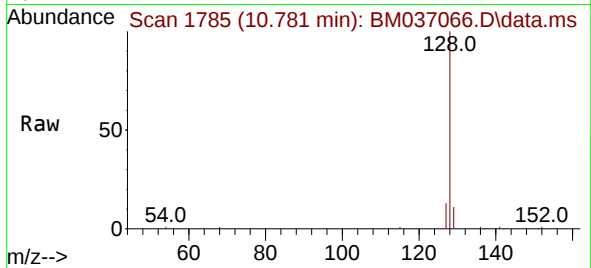




#5
Naphthalene
Concen: 0.513 ng/ul
RT: 10.781 min Scan# 1785
Delta R.T. -0.005 min
Lab File: BM037066.D
Acq: 14 Oct 2022 22:40

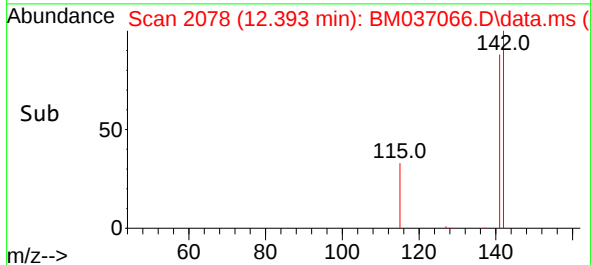
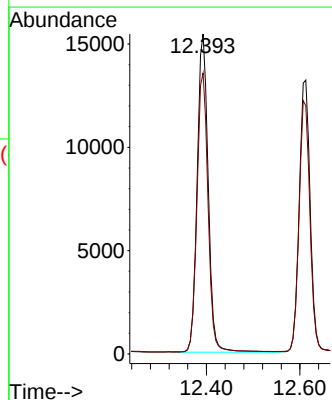
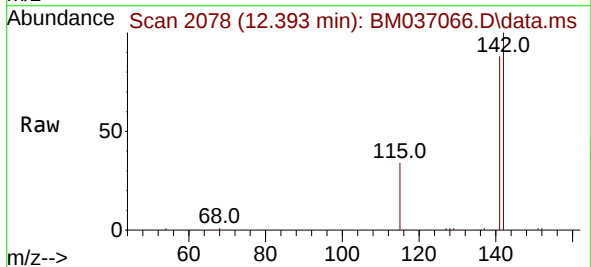
Instrument :
BNA_M
ClientSampleId :
C0BG5

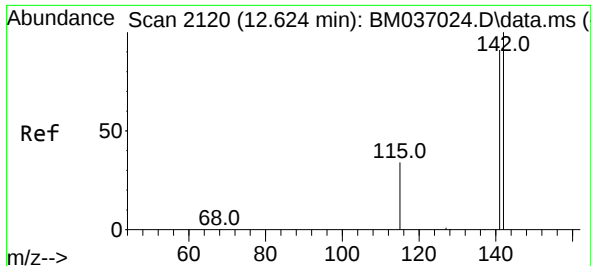
Tgt Ion:128 Resp: 31379
Ion Ratio Lower Upper
128 100
129 11.5 10.2 15.2
127 13.2 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.674 ng/ul
RT: 12.393 min Scan# 2078
Delta R.T. -0.005 min
Lab File: BM037066.D
Acq: 14 Oct 2022 22:40

Tgt Ion:142 Resp: 25206
Ion Ratio Lower Upper
142 100
141 88.4 77.4 116.0

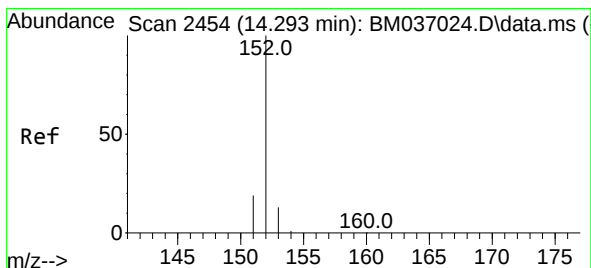
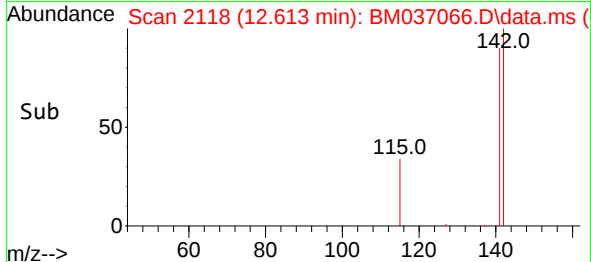
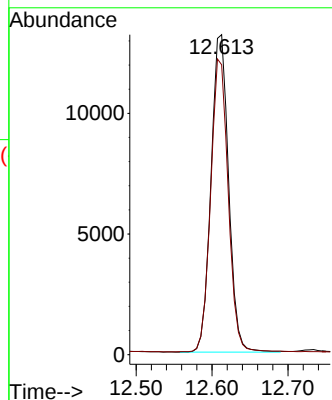
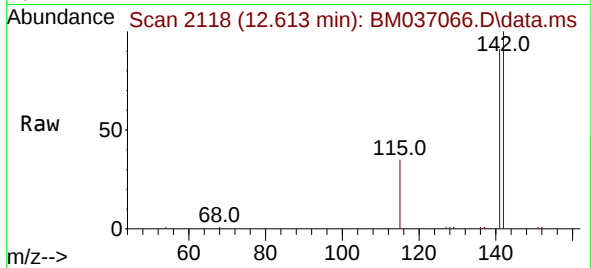




#8
1-Methylnaphthalene
Concen: 0.556 ng/ul
RT: 12.613 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BM037066.D
Acq: 14 Oct 2022 22:40

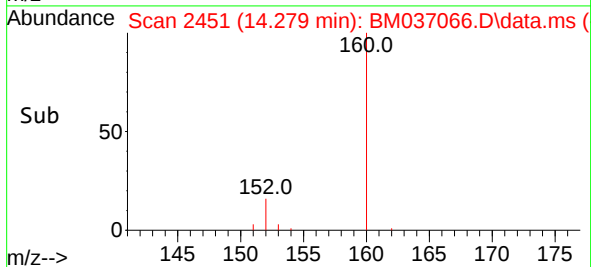
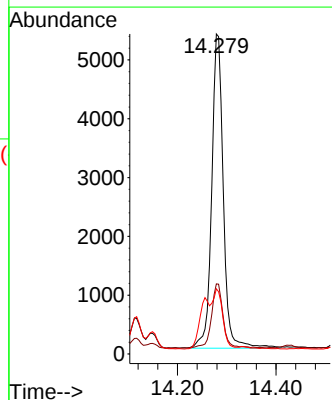
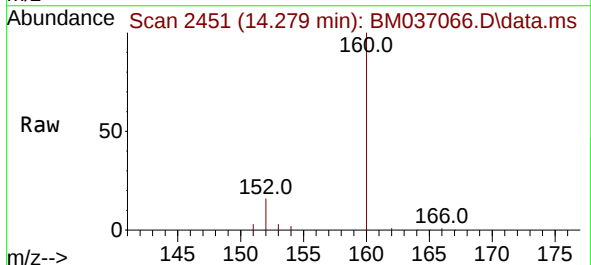
Instrument :
BNA_M
ClientSampleId :
C0BG5

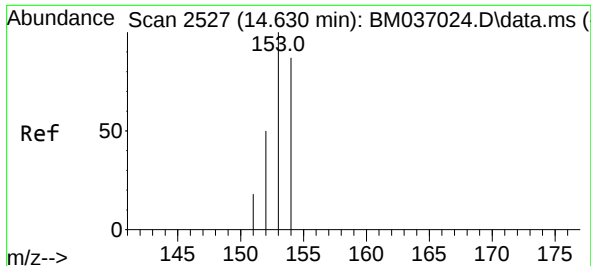
Tgt Ion:142 Resp: 21140
Ion Ratio Lower Upper
142 100
141 91.9 74.1 111.1



#10
Acenaphthylene
Concen: 0.179 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. -0.005 min
Lab File: BM037066.D
Acq: 14 Oct 2022 22:40

Tgt Ion:152 Resp: 8777
Ion Ratio Lower Upper
152 100
151 21.9 16.6 24.8
153 20.4 11.4 17.0#

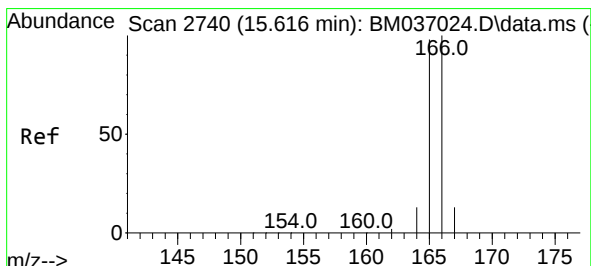
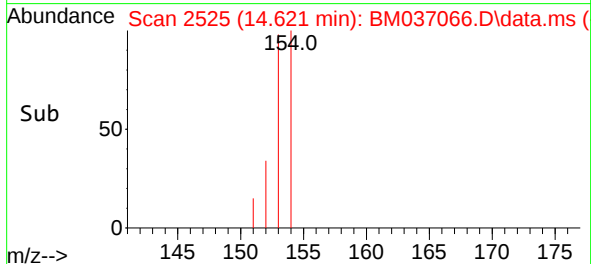
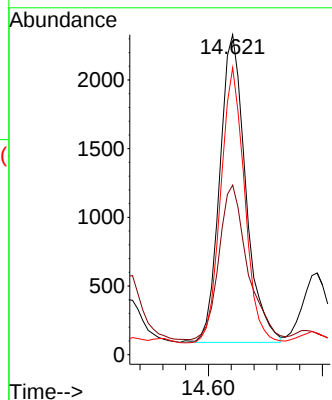
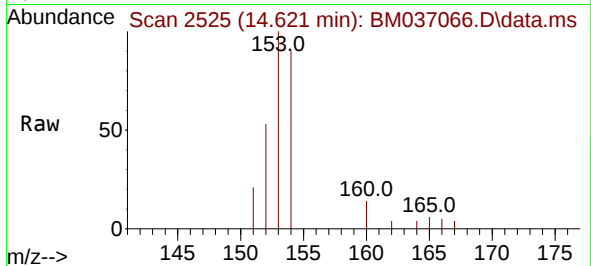




#11
Acenaphthene
Concen: 0.083 ng/uI
RT: 14.621 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037066.D
Acq: 14 Oct 2022 22:40

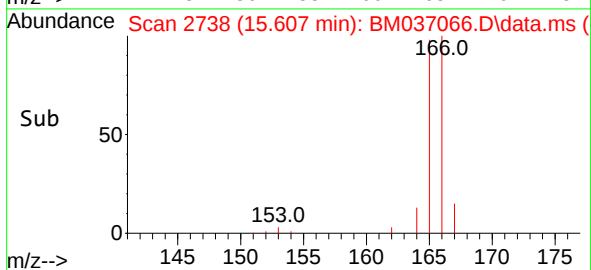
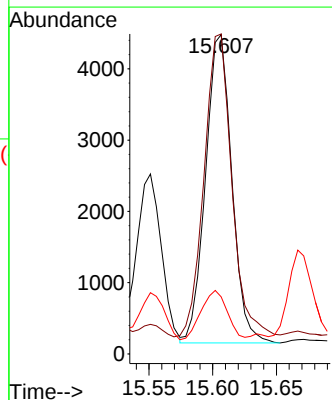
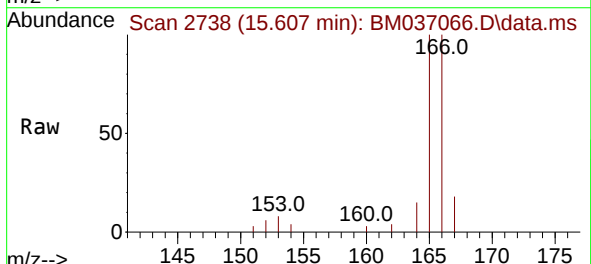
Instrument :
BNA_M
ClientSampleId :
C0BG5

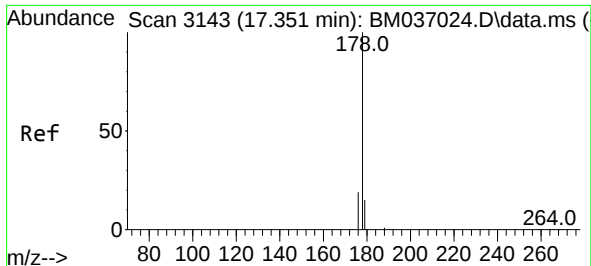
Tgt Ion:153 Resp: 3537
Ion Ratio Lower Upper
153 100
152 53.0 40.2 60.4
154 89.7 69.7 104.5



#12
Fluorene
Concen: 0.129 ng/uI
RT: 15.607 min Scan# 2738
Delta R.T. -0.001 min
Lab File: BM037066.D
Acq: 14 Oct 2022 22:40

Tgt Ion:166 Resp: 6215
Ion Ratio Lower Upper
166 100
165 100.2 78.9 118.3
167 17.9 11.3 16.9#

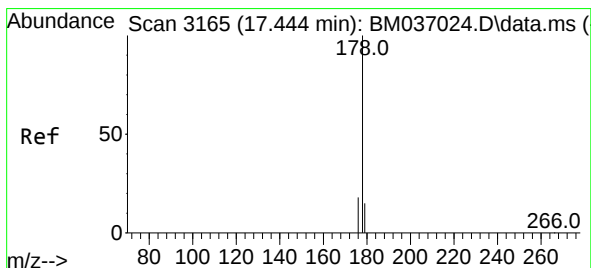
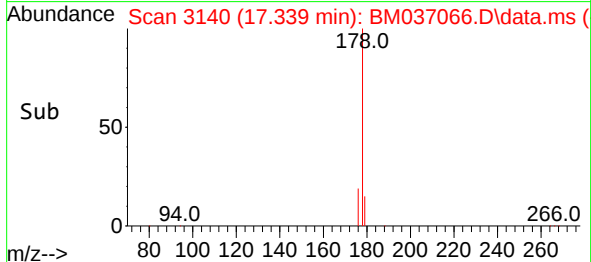
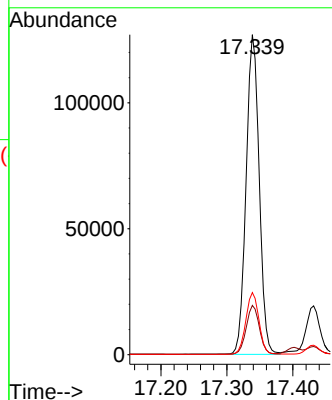
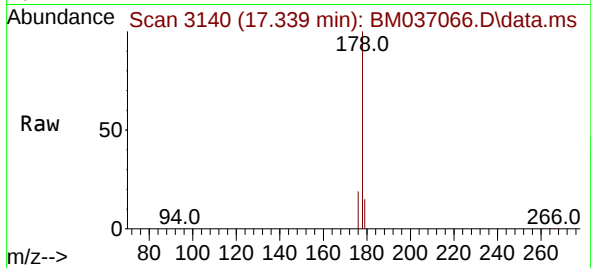




#15
Phenanthrene
Concen: 2.317 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. -0.005 min
Lab File: BM037066.D
Acq: 14 Oct 2022 22:40

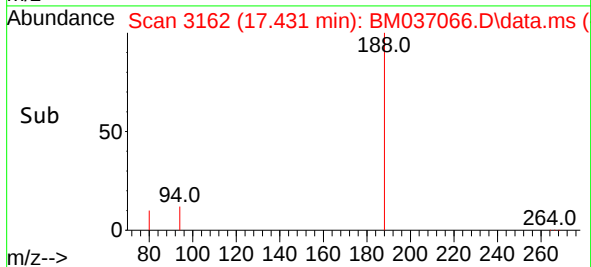
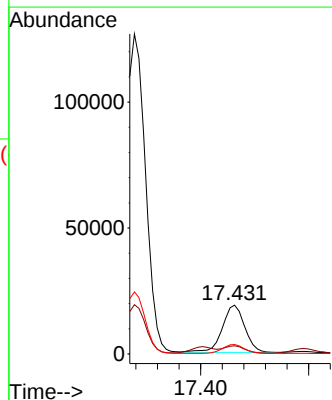
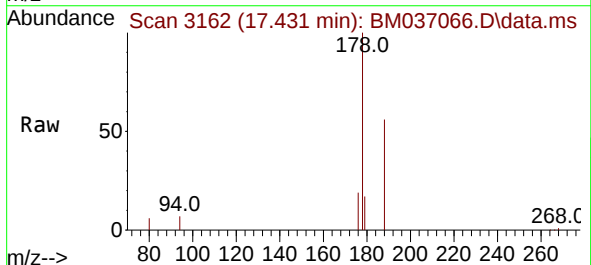
Instrument :
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ClientSampleId :
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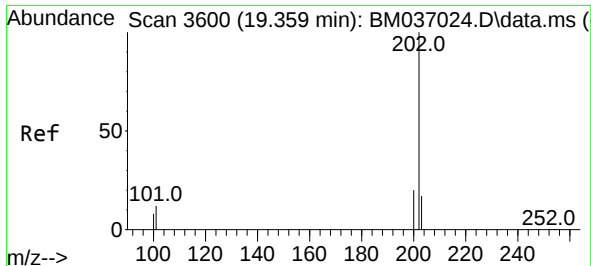
Tgt Ion:178 Resp: 174609
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.4 15.6 23.4



#16
Anthracene
Concen: 0.429 ng/ul
RT: 17.431 min Scan# 3162
Delta R.T. -0.005 min
Lab File: BM037066.D
Acq: 14 Oct 2022 22:40

Tgt Ion:178 Resp: 26998
Ion Ratio Lower Upper
178 100
179 16.6 13.6 20.4
176 19.3 15.6 23.4

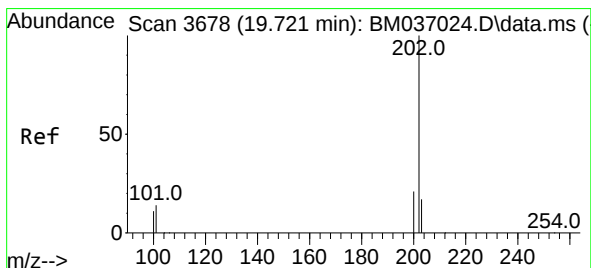
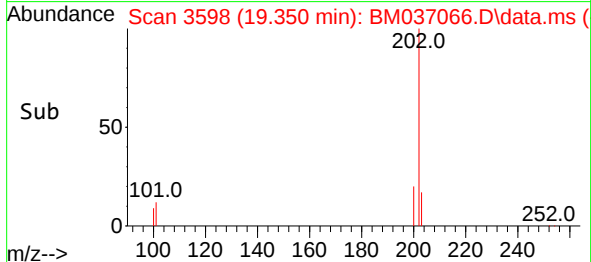
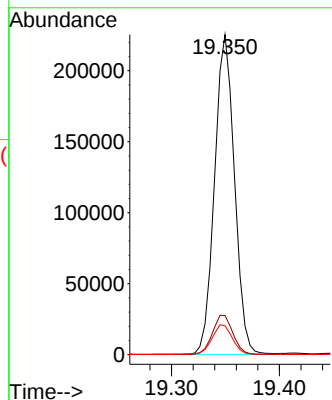
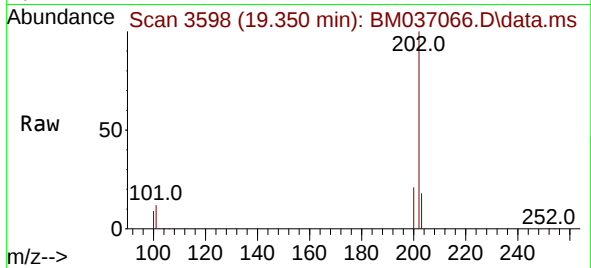




#19
Fluoranthene
Concen: 4.082 ng/ul
RT: 19.350 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM037066.D
Acq: 14 Oct 2022 22:40

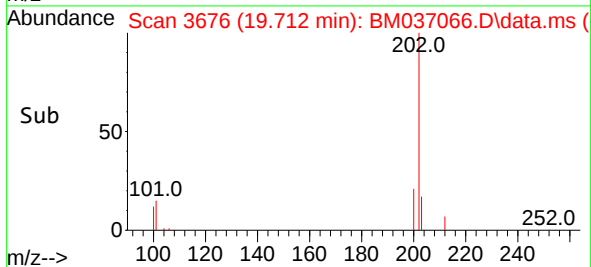
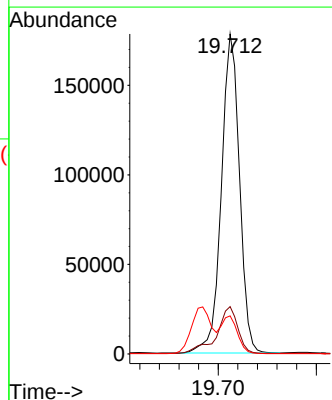
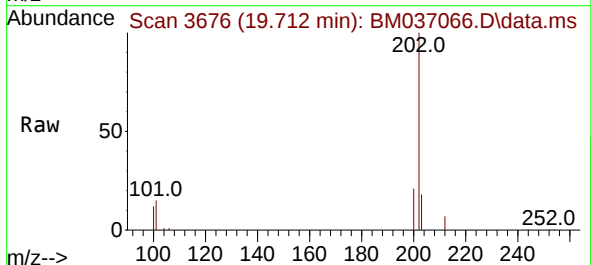
Instrument :
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ClientSampleId :
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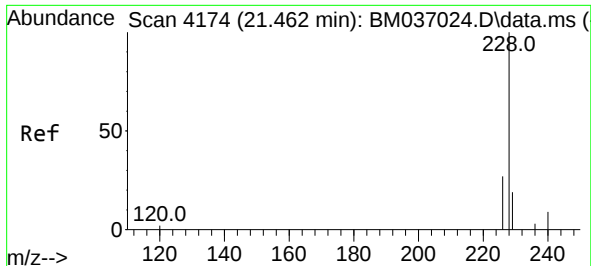
Tgt Ion:202 Resp: 289095
Ion Ratio Lower Upper
202 100
101 12.2 10.1 15.1
100 9.1 7.9 11.9



#20
Pyrene
Concen: 3.097 ng/ul
RT: 19.712 min Scan# 3676
Delta R.T. -0.005 min
Lab File: BM037066.D
Acq: 14 Oct 2022 22:40

Tgt Ion:202 Resp: 228715
Ion Ratio Lower Upper
202 100
101 14.8 12.0 18.0
100 11.9 9.8 14.6

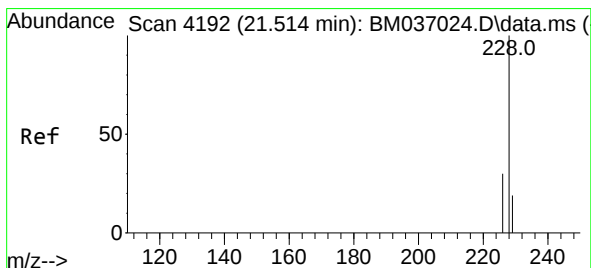
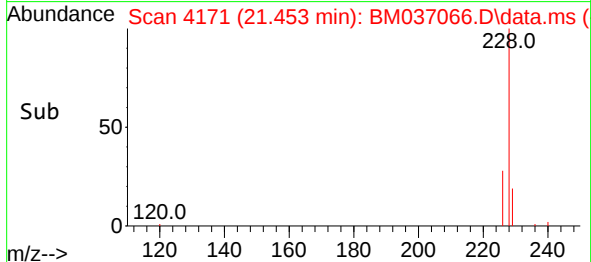
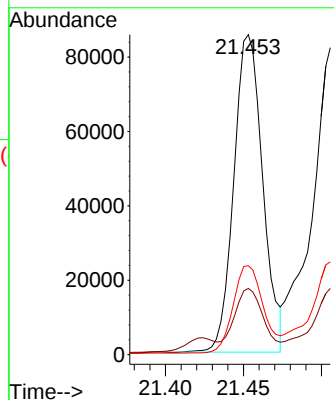
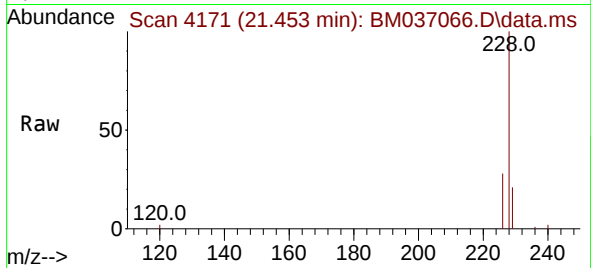




#21
Benzo(a)anthracene
Concen: 1.709 ng/ul
RT: 21.453 min Scan# 4174
Delta R.T. -0.005 min
Lab File: BM037066.D
Acq: 14 Oct 2022 22:40

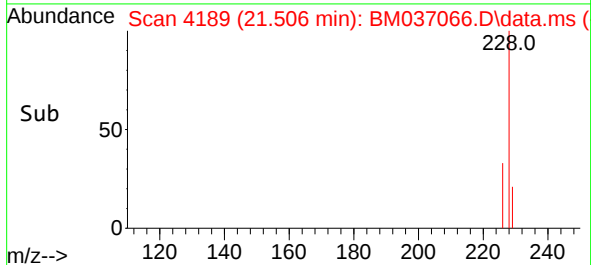
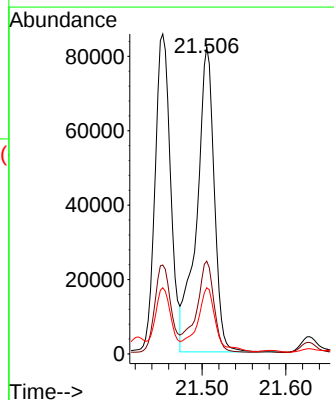
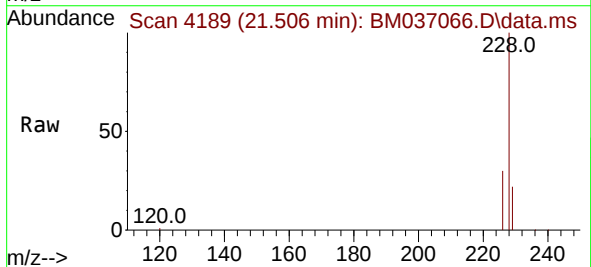
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BNA_M
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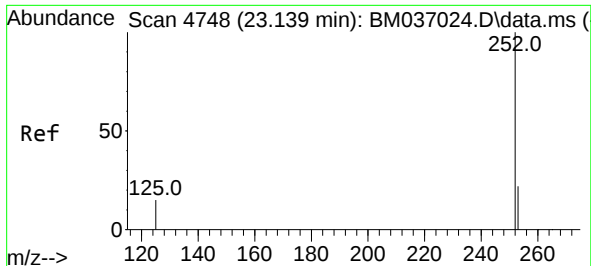
Tgt Ion:228 Resp: 109951
Ion Ratio Lower Upper
228 100
229 20.7 16.2 24.2
226 27.8 22.5 33.7



#22
Chrysene
Concen: 1.727 ng/ul
RT: 21.506 min Scan# 4189
Delta R.T. -0.005 min
Lab File: BM037066.D
Acq: 14 Oct 2022 22:40

Tgt Ion:228 Resp: 119238
Ion Ratio Lower Upper
228 100
226 30.2 24.6 37.0
229 21.6 16.4 24.6

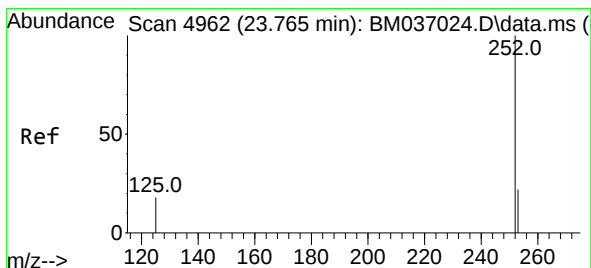
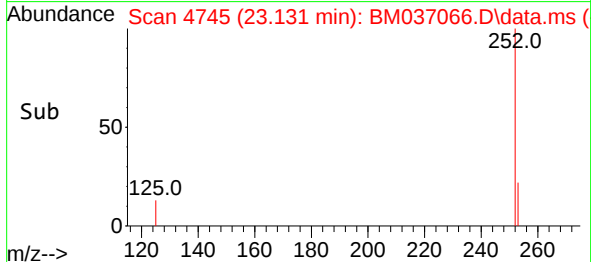
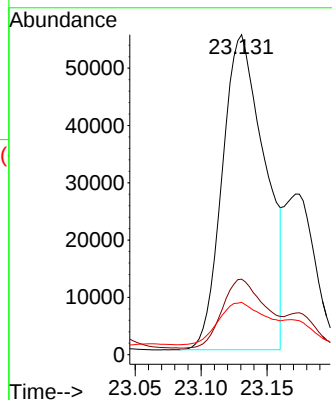
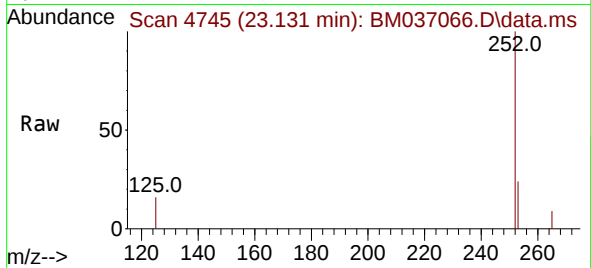




#24
Benzo(b)fluoranthene
Concen: 2.002 ng/u1
RT: 23.131 min Scan# 41
Delta R.T. -0.005 min
Lab File: BM037066.D
Acq: 14 Oct 2022 22:40

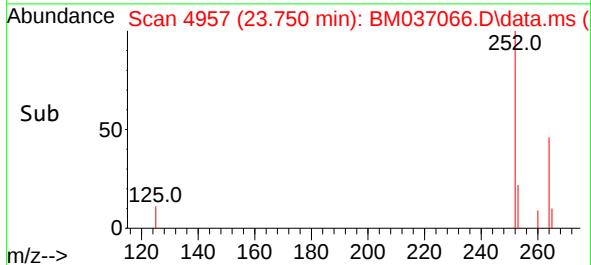
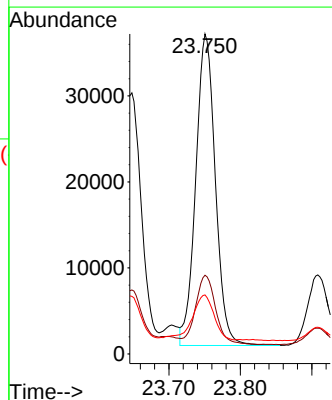
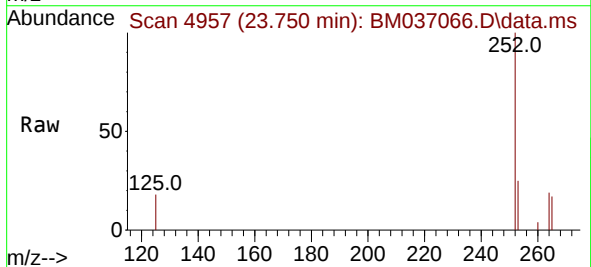
Instrument :
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ClientSampleId :
C0BG5

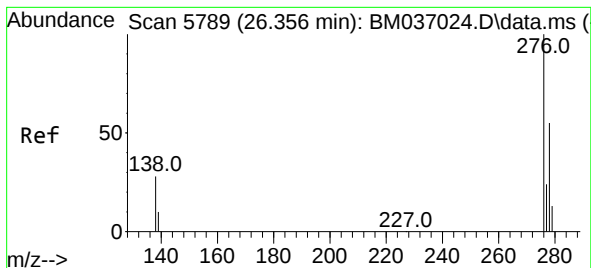
Tgt Ion:252 Resp: 123440
Ion Ratio Lower Upper
252 100
253 23.6 0.0 61.4
125 16.3 0.0 42.6



#26
Benzo(a)pyrene
Concen: 1.382 ng/u1
RT: 23.750 min Scan# 4957
Delta R.T. -0.008 min
Lab File: BM037066.D
Acq: 14 Oct 2022 22:40

Tgt Ion:252 Resp: 69139
Ion Ratio Lower Upper
252 100
253 24.6 29.7 44.5#
125 18.4 23.6 35.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.686 ng/ul

RT: 26.329 min Scan# 5

Delta R.T. -0.012 min

Lab File: BM037066.D

Acq: 14 Oct 2022 22:40

Instrument :

BNA_M

ClientSampleId :

C0BG5

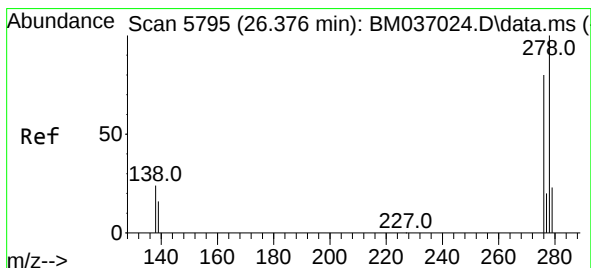
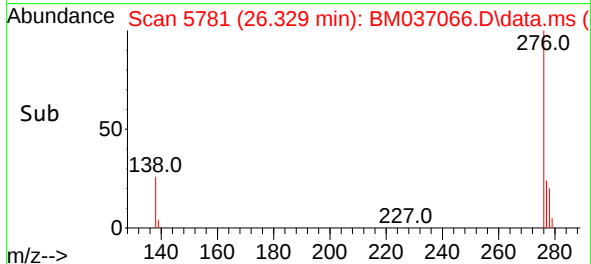
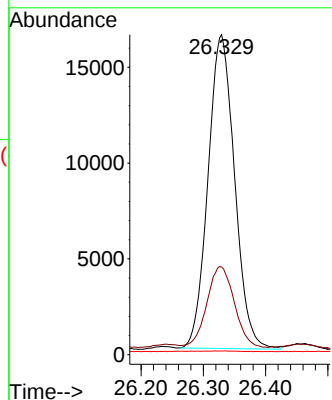
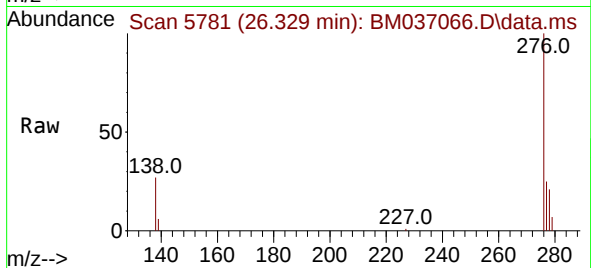
Tgt Ion:276 Resp: 48587

Ion Ratio Lower Upper

276 100

138 27.2 23.9 35.9

227 0.2 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.221 ng/ul

RT: 26.336 min Scan# 5783

Delta R.T. -0.026 min

Lab File: BM037066.D

Acq: 14 Oct 2022 22:40

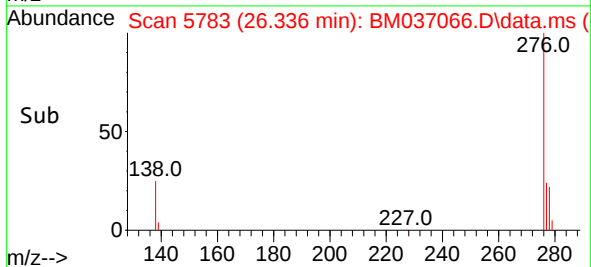
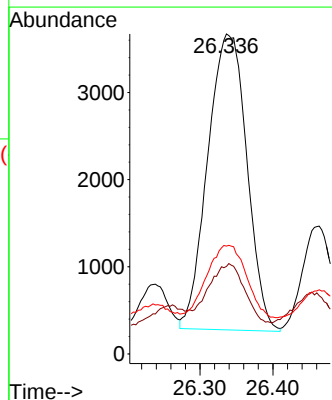
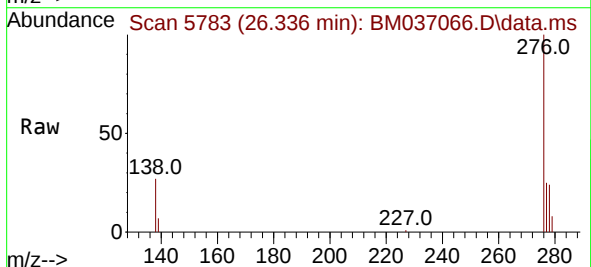
Tgt Ion:278 Resp: 12659

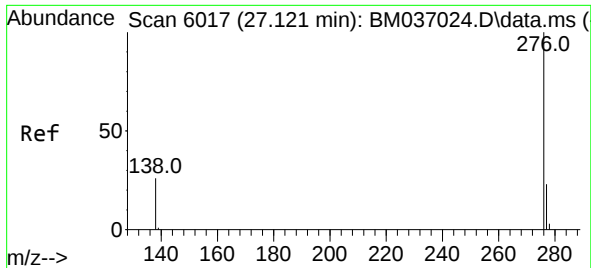
Ion Ratio Lower Upper

278 100

139 27.4 19.8 29.6

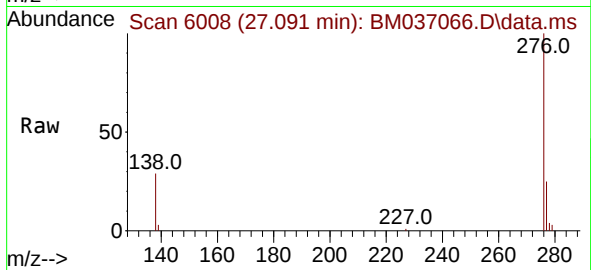
279 33.7 27.7 41.5





#29
 Benzo(g,h,i)perylene
 Concen: 0.638 ng/ul
 RT: 27.091 min Scan# 6017
 Delta R.T. -0.016 min
 Lab File: BM037066.D
 Acq: 14 Oct 2022 22:40

Instrument :
 BNA_M
 ClientSampleId :
 C0BG5



Tgt Ion:276 Resp: 39808
 Ion Ratio Lower Upper
 276 100
 138 28.8 23.4 35.0
 277 24.6 21.0 31.4

