

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
 Data File : BM037182.D
 Acq On : 22 Oct 2022 00:48
 Operator : CG/JU
 Sample : N5064-09
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BP5

Quant Time: Oct 22 02:35:00 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 02:11:25 2022
 Response via : Initial Calibration

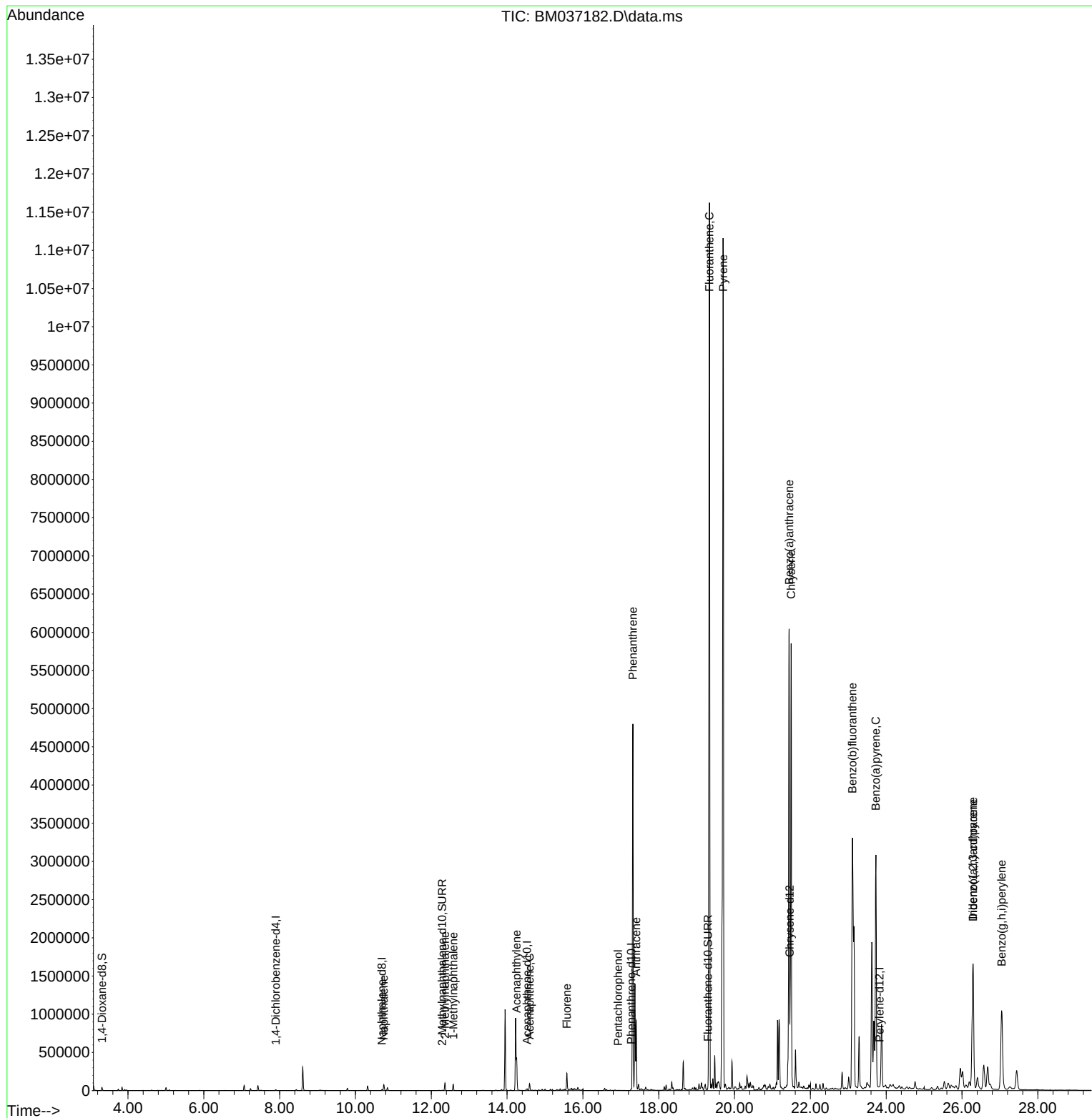
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	5949	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	18505	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.529	164	11466	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.271	188	24434	0.400	ng/ul	0.00
17) Chrysene-d12	21.453	240	21756	0.400	ng/ul	# 0.00
23) Perylene-d12	23.824	264	23302	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	28482	3.927	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	7089	0.269	ng/ul	-0.01
18) Fluoranthene-d10	19.299	212	19650	0.299	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.749	128	101629	1.854	ng/ul	99
7) 2-Methylnaphthalene	12.360	142	65839	2.006	ng/ul	98
8) 1-Methylnaphthalene	12.580	142	58141	1.735	ng/ul	99
10) Acenaphthylene	14.251	152	470913	9.559	ng/ul	99
11) Acenaphthene	14.594	153	52917	1.189	ng/ul	97
12) Fluorene	15.579	166	140395	2.696	ng/ul	98
14) Pentachlorophenol	16.925	266	294	0.050	ng/ul	93
15) Phenanthrene	17.318	178	4976478	60.332	ng/ul	99
16) Anthracene	17.406	178	899329	13.765	ng/ul	99
19) Fluoranthene	19.336	202	11445522	121.102	ng/ul	95
20) Pyrene	19.698	202	10344090	107.960	ng/ul#	93
21) Benzo(a)anthracene	21.439	228	5458478	64.650	ng/ul	92
22) Chrysene	21.491	228	5535225	56.978	ng/ul#	93
24) Benzo(b)fluoranthene	23.110	252	6024308	48.807	ng/ul	94
26) Benzo(a)pyrene	23.727	252	4320558	43.595	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.289	276	2718726	19.641	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.293	278	671049	6.143	ng/ul	98
29) Benzo(g,h,i)perylene	27.047	276	2328097	19.121	ng/ul	97

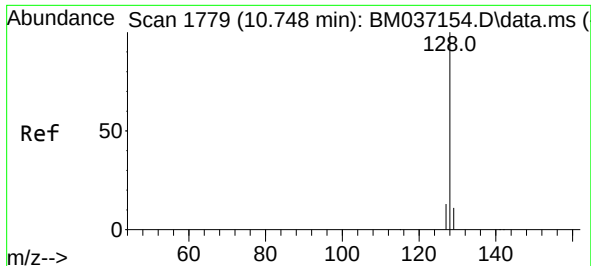
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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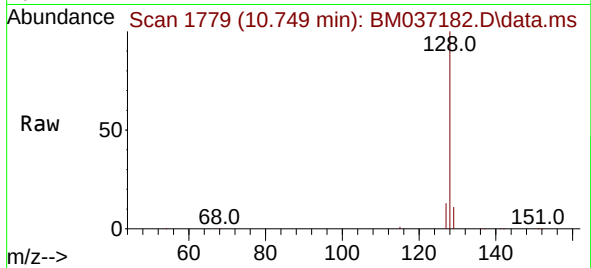
Quant Time: Oct 22 02:35:00 2022
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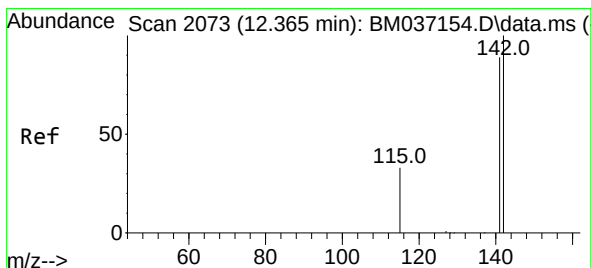
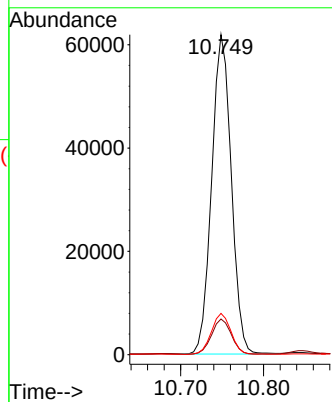
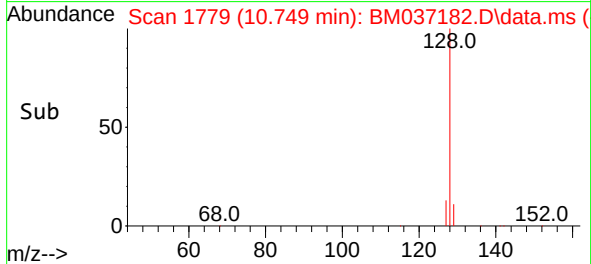


#5
Naphthalene
Concen: 1.854 ng/ul
RT: 10.749 min Scan# 1779
Delta R.T. -0.011 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48

Instrument :
BNA_N
ClientSampleId :
C0BP5

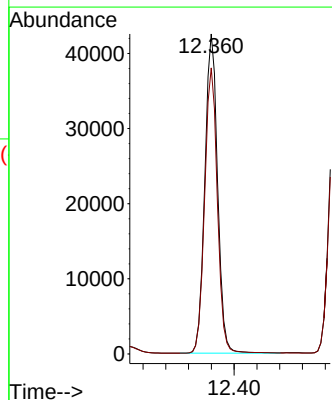
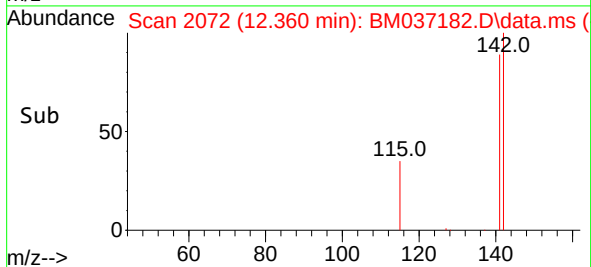
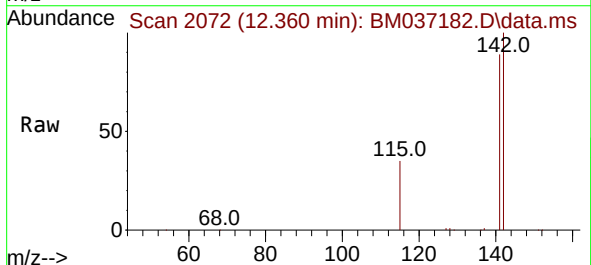


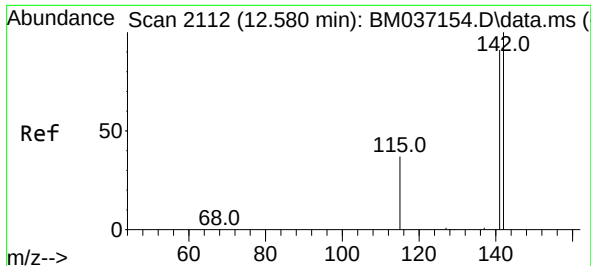
Tgt Ion:128 Resp: 101629
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 12.9 10.5 15.7



#7
2-Methylnaphthalene
Concen: 2.006 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. -0.011 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48

Tgt Ion:142 Resp: 65839
Ion Ratio Lower Upper
142 100
141 89.2 72.8 109.2

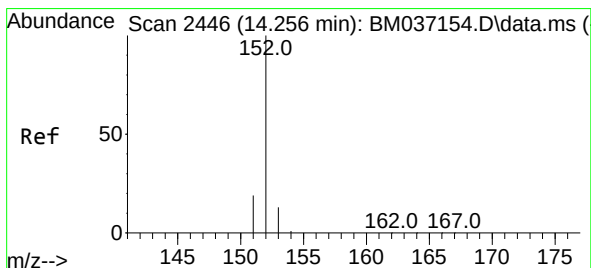
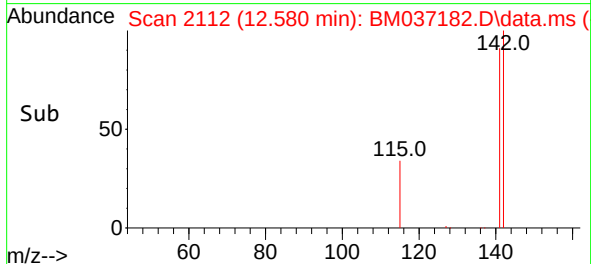
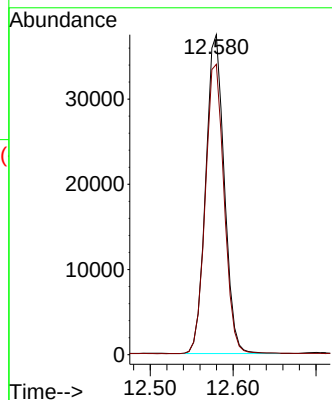
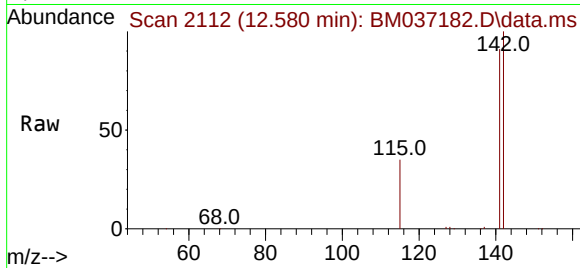




#8
1-Methylnaphthalene
Concen: 1.735 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. -0.011 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48

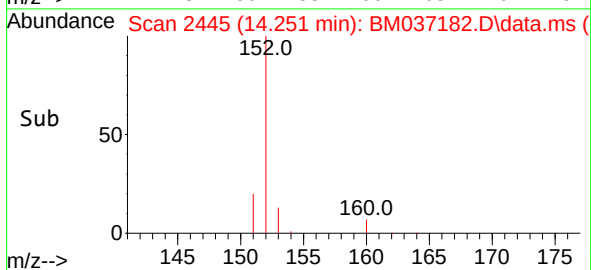
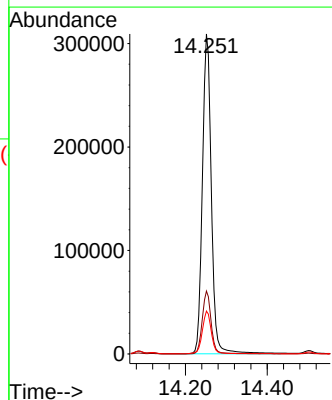
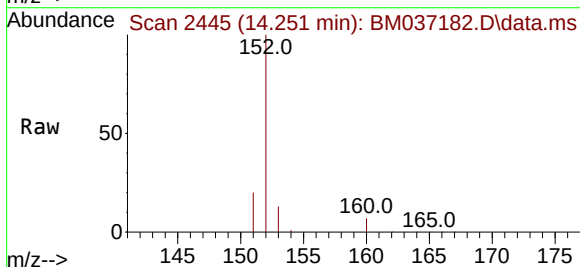
Instrument :
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ClientSampleId :
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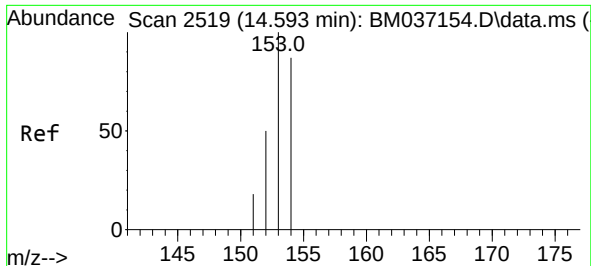
Tgt Ion:142 Resp: 58141
Ion Ratio Lower Upper
142 100
141 92.1 74.2 111.4



#10
Acenaphthylene
Concen: 9.559 ng/ul
RT: 14.251 min Scan# 2445
Delta R.T. -0.009 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48

Tgt Ion:152 Resp: 470913
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2
153 13.4 10.8 16.2

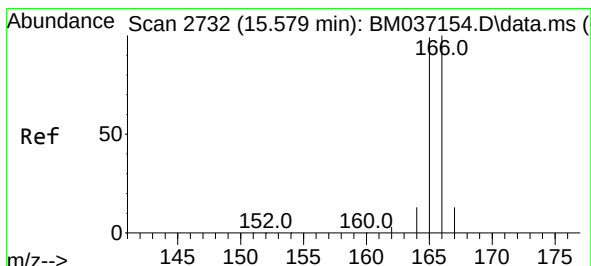
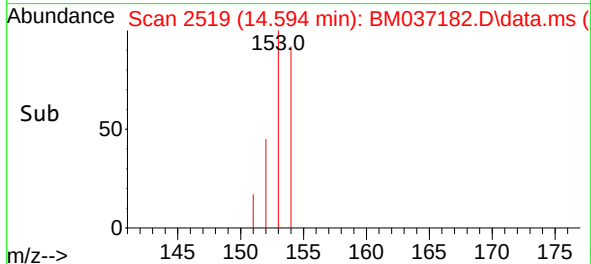
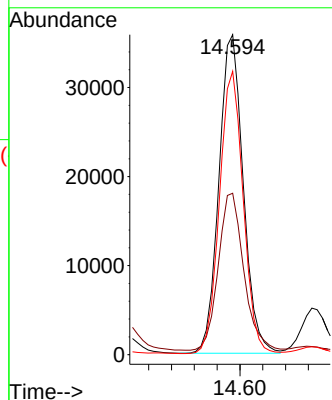
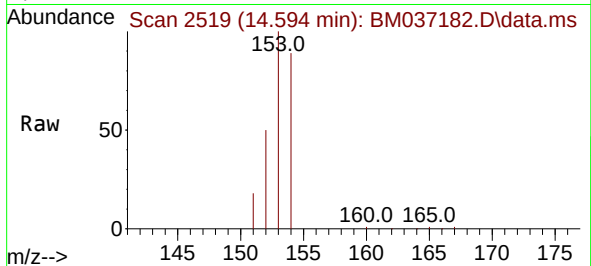




#11
Acenaphthene
Concen: 1.189 ng/ul
RT: 14.594 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48

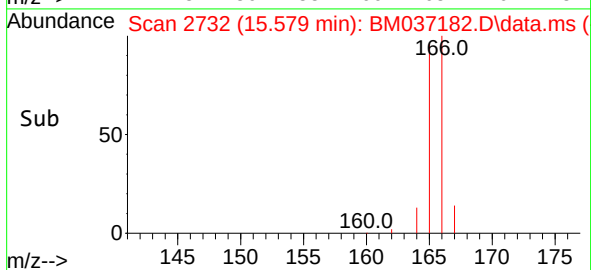
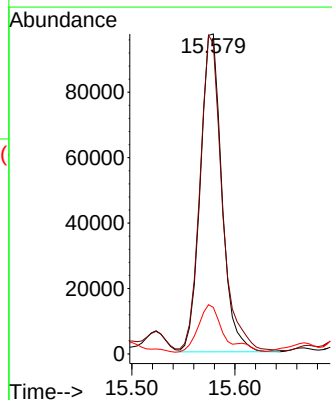
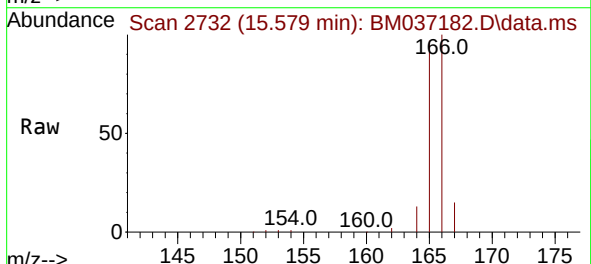
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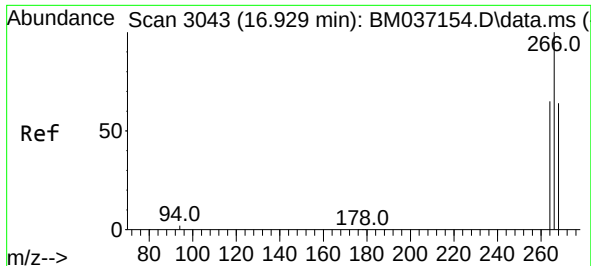
Tgt Ion:153 Resp: 52917
Ion Ratio Lower Upper
153 100
152 50.4 43.3 64.9
154 88.6 70.0 105.0



#12
Fluorene
Concen: 2.696 ng/ul
RT: 15.579 min Scan# 2732
Delta R.T. -0.005 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48

Tgt Ion:166 Resp: 140395
Ion Ratio Lower Upper
166 100
165 97.1 79.4 119.2
167 14.6 11.3 16.9

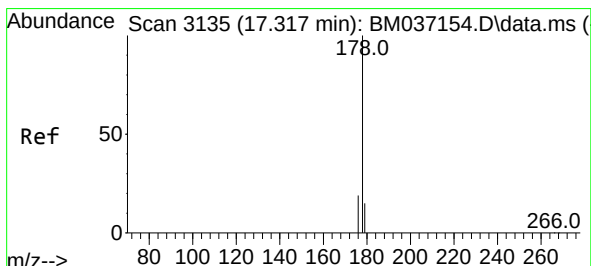
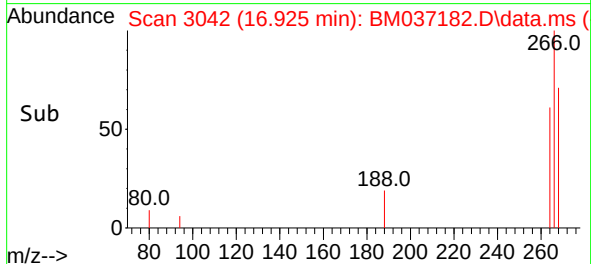
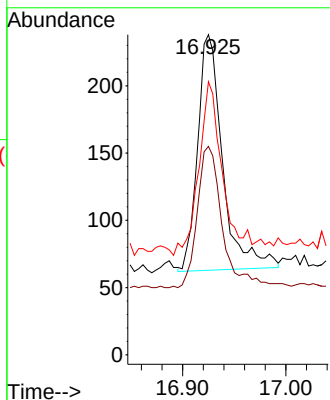
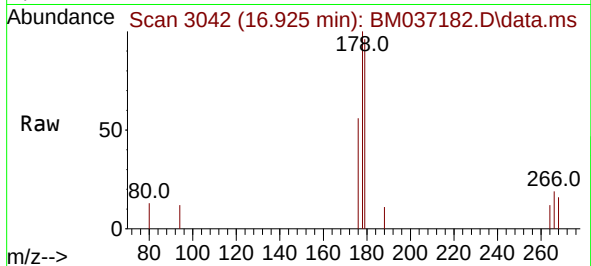




#14
 Pentachlorophenol
 Concen: 0.050 ng/u1
 RT: 16.925 min Scan# 3043
 Delta R.T. -0.013 min
 Lab File: BM037182.D
 Acq: 22 Oct 2022 00:48

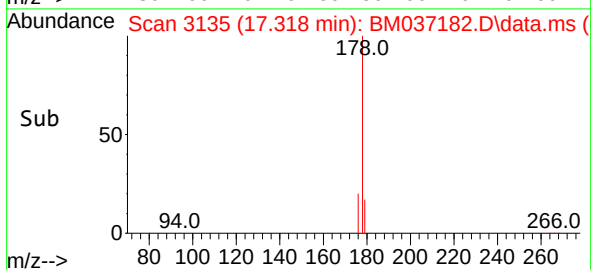
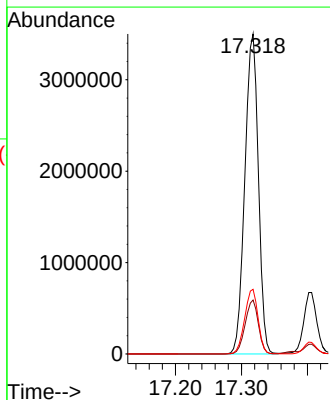
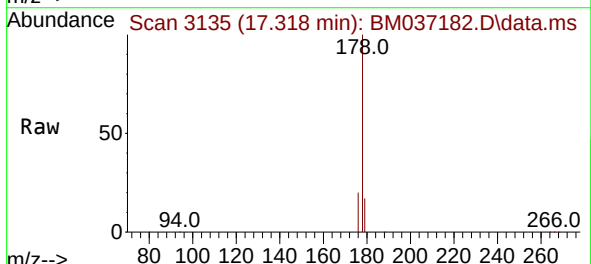
Instrument :
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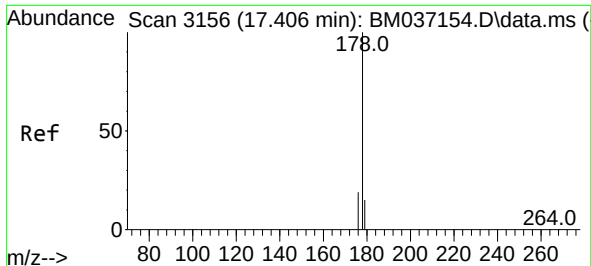
Tgt Ion:266 Resp: 294
 Ion Ratio Lower Upper
 266 100
 264 60.5 49.4 74.0
 268 73.5 50.5 75.7



#15
 Phenanthrene
 Concen: 60.332 ng/u1
 RT: 17.318 min Scan# 3135
 Delta R.T. -0.004 min
 Lab File: BM037182.D
 Acq: 22 Oct 2022 00:48

Tgt Ion:178 Resp: 4976478
 Ion Ratio Lower Upper
 178 100
 179 16.9 13.0 19.6
 176 20.2 16.1 24.1

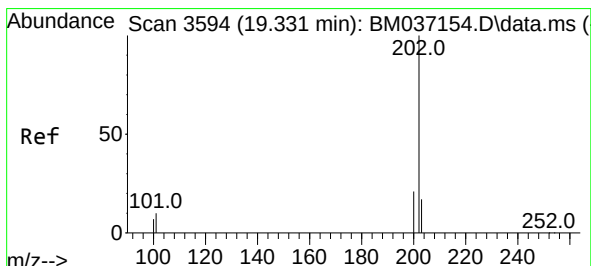
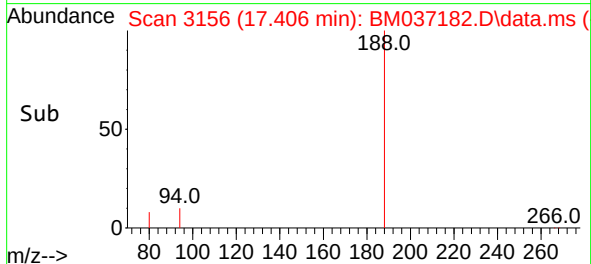
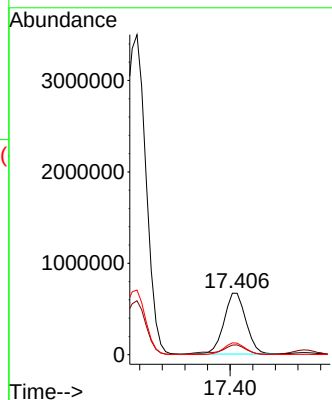
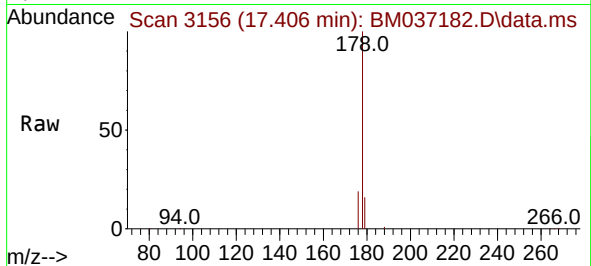




#16
 Anthracene
 Concen: 13.765 ng/ul
 RT: 17.406 min Scan# 3156
 Delta R.T. -0.008 min
 Lab File: BM037182.D
 Acq: 22 Oct 2022 00:48

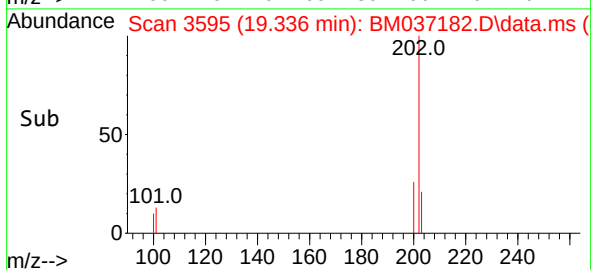
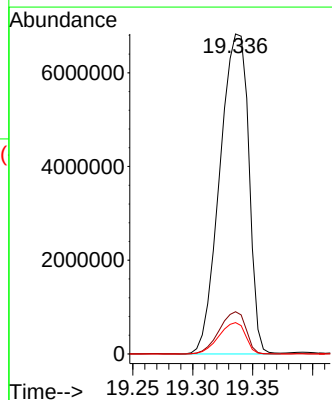
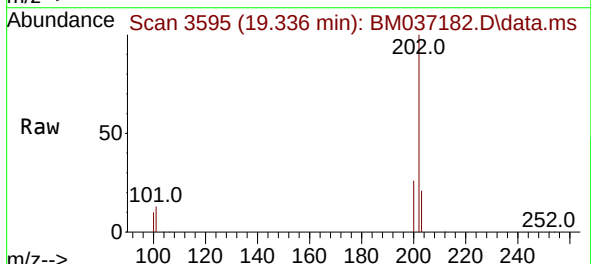
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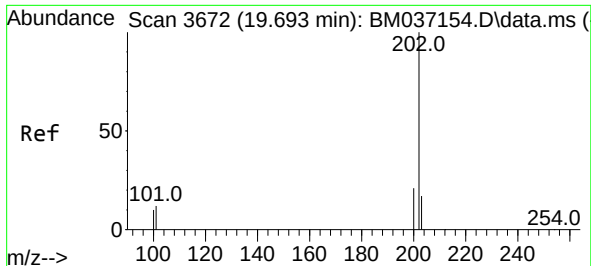
Tgt Ion:178 Resp: 899329
 Ion Ratio Lower Upper
 178 100
 179 15.8 13.1 19.7
 176 18.7 15.3 22.9



#19
 Fluoranthene
 Concen: 121.102 ng/ul
 RT: 19.336 min Scan# 3595
 Delta R.T. 0.005 min
 Lab File: BM037182.D
 Acq: 22 Oct 2022 00:48

Tgt Ion:202 Resp:11445522
 Ion Ratio Lower Upper
 202 100
 101 13.2 8.9 13.3
 100 9.8 6.9 10.3

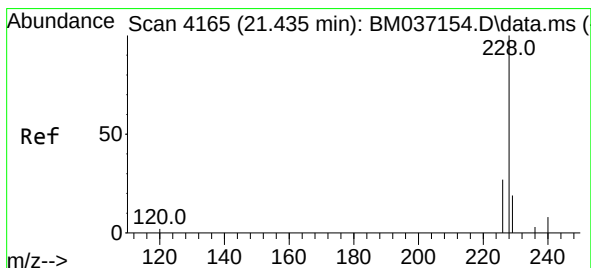
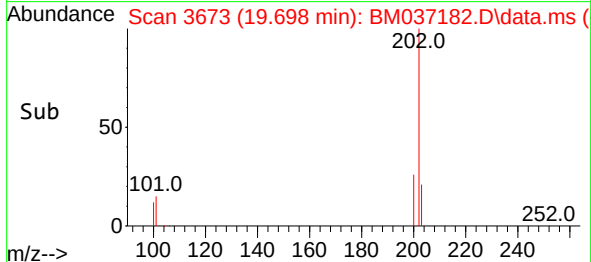
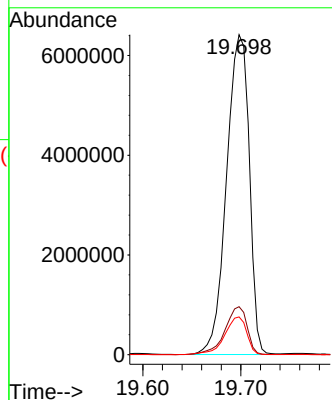
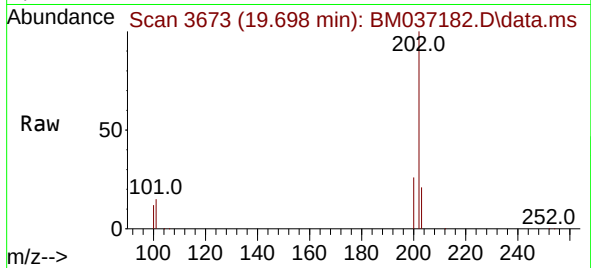




#20
Pyrene
Concen: 107.960 ng/ul
RT: 19.698 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48

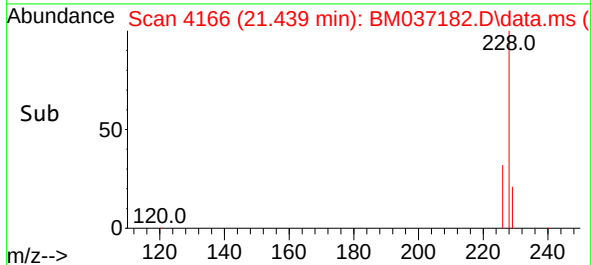
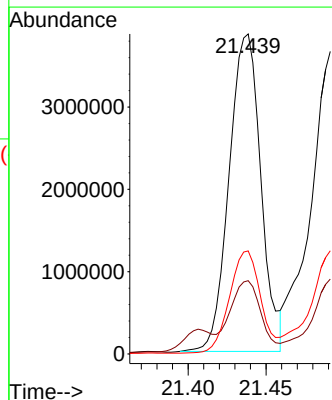
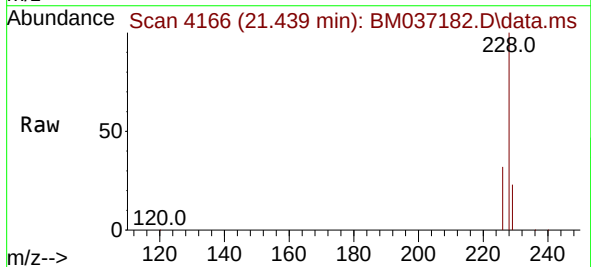
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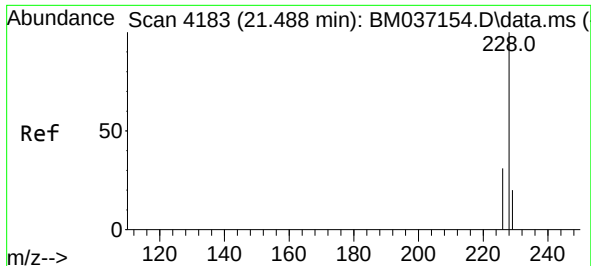
Tgt Ion:202 Resp:10344090
Ion Ratio Lower Upper
202 100
101 15.0 9.7 14.5#
100 11.8 7.8 11.8#



#21
Benzo(a)anthracene
Concen: 64.650 ng/ul
RT: 21.439 min Scan# 4166
Delta R.T. -0.003 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48

Tgt Ion:228 Resp: 5458478
Ion Ratio Lower Upper
228 100
229 22.9 15.8 23.6
226 32.2 21.8 32.8





#22

Chrysene

Concen: 56.978 ng/ul

RT: 21.491 min Scan# 41

Delta R.T. 0.000 min

Lab File: BM037182.D

Acq: 22 Oct 2022 00:48

Instrument :

BNA_N

ClientSampleId :

C0BP5

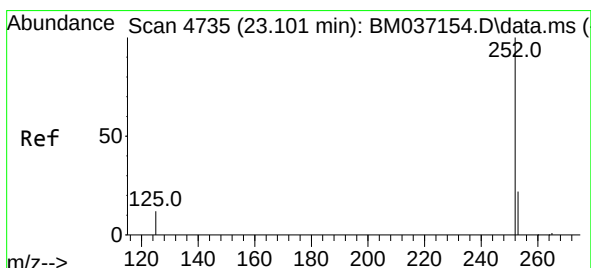
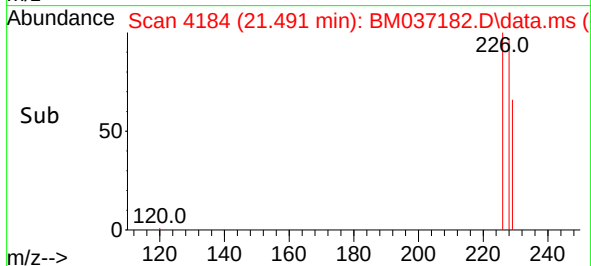
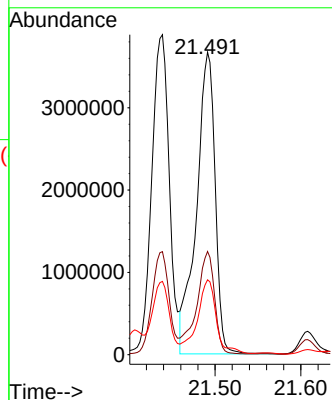
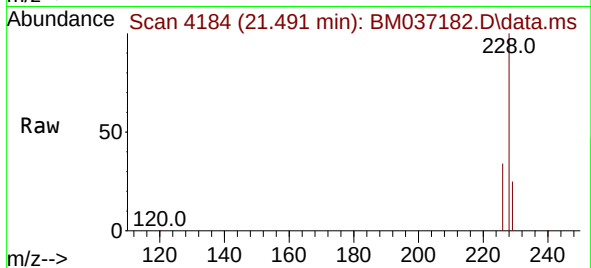
Tgt Ion:228 Resp: 5535225

Ion Ratio Lower Upper

228 100

226 34.1 24.8 37.2

229 24.8 16.0 24.0#



#24

Benzo(b)fluoranthene

Concen: 48.807 ng/ul

RT: 23.110 min Scan# 4738

Delta R.T. 0.000 min

Lab File: BM037182.D

Acq: 22 Oct 2022 00:48

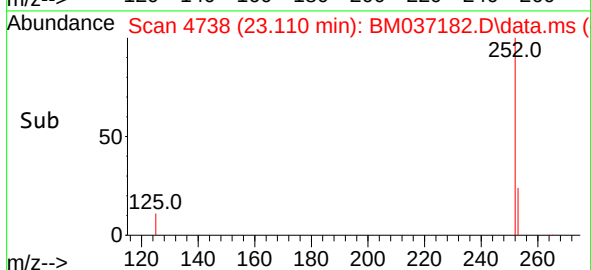
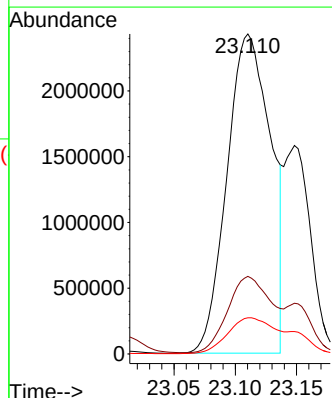
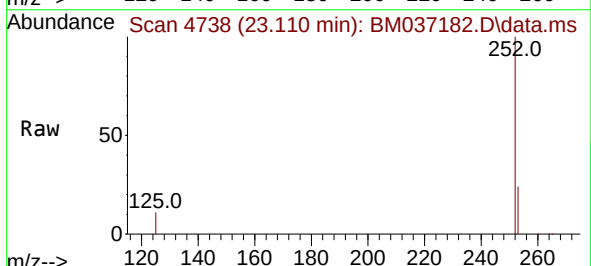
Tgt Ion:252 Resp: 6024308

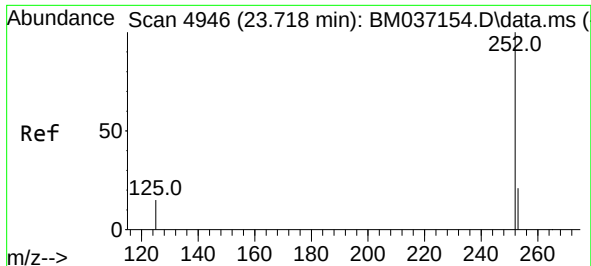
Ion Ratio Lower Upper

252 100

253 24.3 0.0 50.6

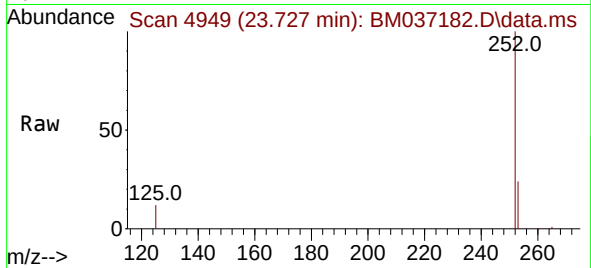
125 11.3 0.0 32.6



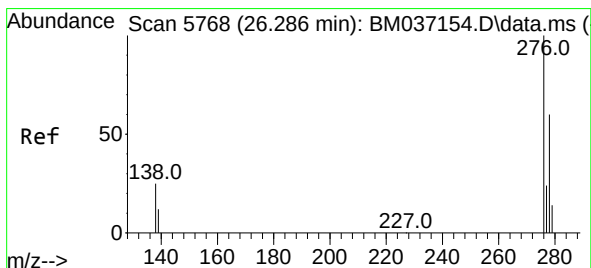
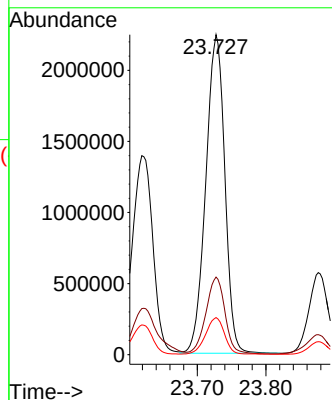
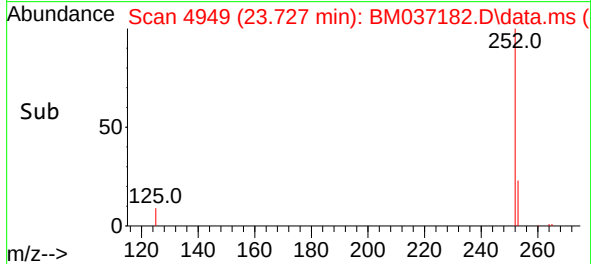


#26
Benzo(a)pyrene
Concen: 43.595 ng/ul
RT: 23.727 min Scan# 4949
Delta R.T. -0.003 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48

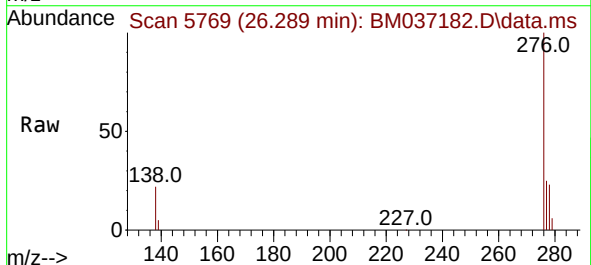
Instrument :
BNA_N
ClientSampleId :
C0BP5



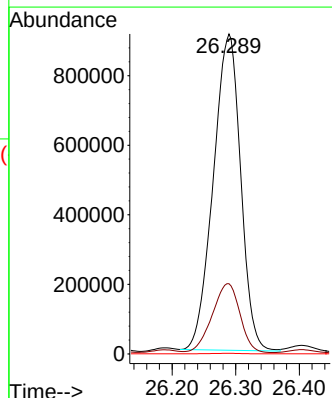
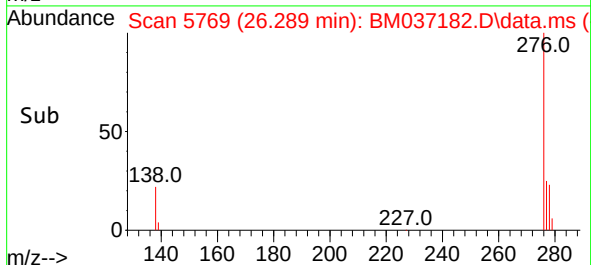
Tgt Ion:252 Resp: 4320558
Ion Ratio Lower Upper
252 100
253 24.2 22.1 33.1
125 11.6 17.6 26.4#

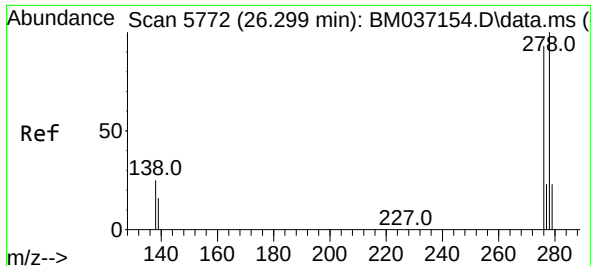


#27
Indeno(1,2,3-cd)pyrene
Concen: 19.641 ng/ul
RT: 26.289 min Scan# 5769
Delta R.T. -0.010 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48



Tgt Ion:276 Resp: 2718726
Ion Ratio Lower Upper
276 100
138 22.2 21.4 32.0
227 0.2 0.1 0.1#

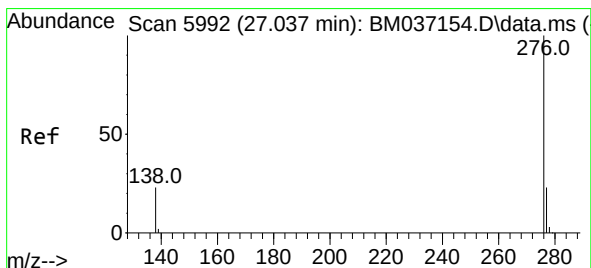
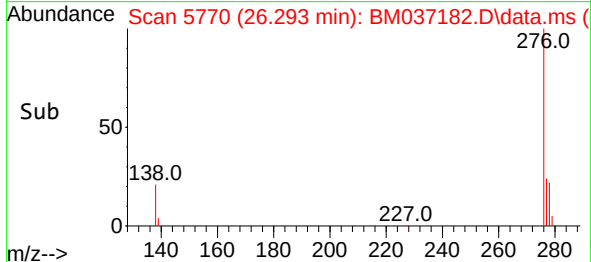
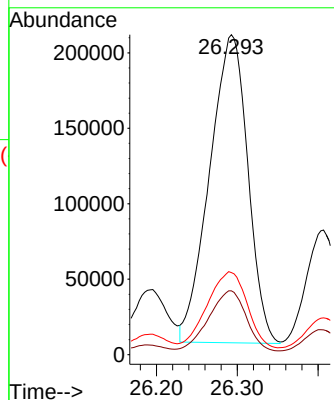
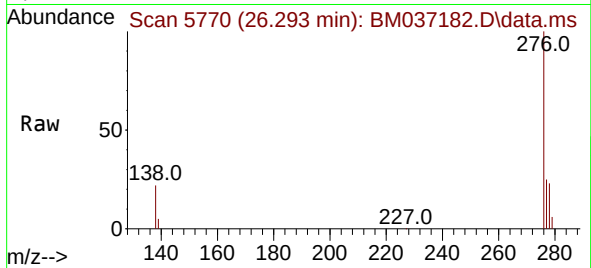




#28
Dibenzo(a,h)anthracene
Concen: 6.143 ng/ul
RT: 26.293 min Scan# 51
Delta R.T. -0.023 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48

Instrument :
BNA_N
ClientSampleId :
C0BP5

Tgt Ion:278 Resp: 671049
Ion Ratio Lower Upper
278 100
139 19.9 16.3 24.5
279 25.7 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 19.121 ng/ul
RT: 27.047 min Scan# 5995
Delta R.T. -0.010 min
Lab File: BM037182.D
Acq: 22 Oct 2022 00:48

Tgt Ion:276 Resp: 2328097
Ion Ratio Lower Upper
276 100
138 22.3 19.8 29.8
277 24.3 20.1 30.1

