

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031710.D
 Acq On : 13 Aug 2021 12:03
 Operator : CG/JU
 Sample : M3182-09
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00C7

Manual Integrations
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8/13/2021 5:15:39 PM

Quant Time: Aug 13 12:58:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 12 17:28:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	1146	0.400	ng/ul	0.00
4) Naphthalene-d8	10.325	136	4280	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.201	164	2470	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	4689	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.151	240	3902	0.400	ng/ul	# 0.00
23) Perylene-d12	23.309	264	3921	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	3666	2.880	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	1232	0.171	ng/ul	-0.01
18) Fluoranthene-d10	18.985	212	2599	0.200	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.374	128	1427	0.112	ng/ul#	90
7) 2-Methylnaphthalene	11.998	142	1374	0.158	ng/ul	100
8) 1-Methylnaphthalene	12.218	142	1079	0.125	ng/ul	99
10) Acenaphthylene	13.923	152	1503	0.143	ng/ul#	87
11) Acenaphthene	14.265	153	308	0.035	ng/ul#	90
12) Fluorene	15.255	166	508	0.050	ng/ul#	80
15) Phenanthrene	16.992	178	11391	0.765	ng/ul	99
16) Anthracene	17.086	178	1874	0.134	ng/ul#	93
19) Fluoranthene	19.016	202	18493	1.110	ng/ul	96
20) Pyrene	19.382	202	16270	0.963	ng/ul	97
21) Benzo(a)anthracene	21.137	228	8348	0.530	ng/ul#	90
22) Chrysene	21.190	228	11995	0.736	ng/ul#	95
24) Benzo(b)fluoranthene	22.670	252	13215m	0.748	ng/ul	
25) Benzo(k)fluoranthene	22.706	252	4589m	0.251	ng/ul	
26) Benzo(a)pyrene	23.215	252	7568	0.489	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.439	276	5674	0.284	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.449	278	1595	0.099	ng/ul#	49
29) Benzo(g,h,i)perylene	26.088	276	1340	0.079	ng/ul#	64

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

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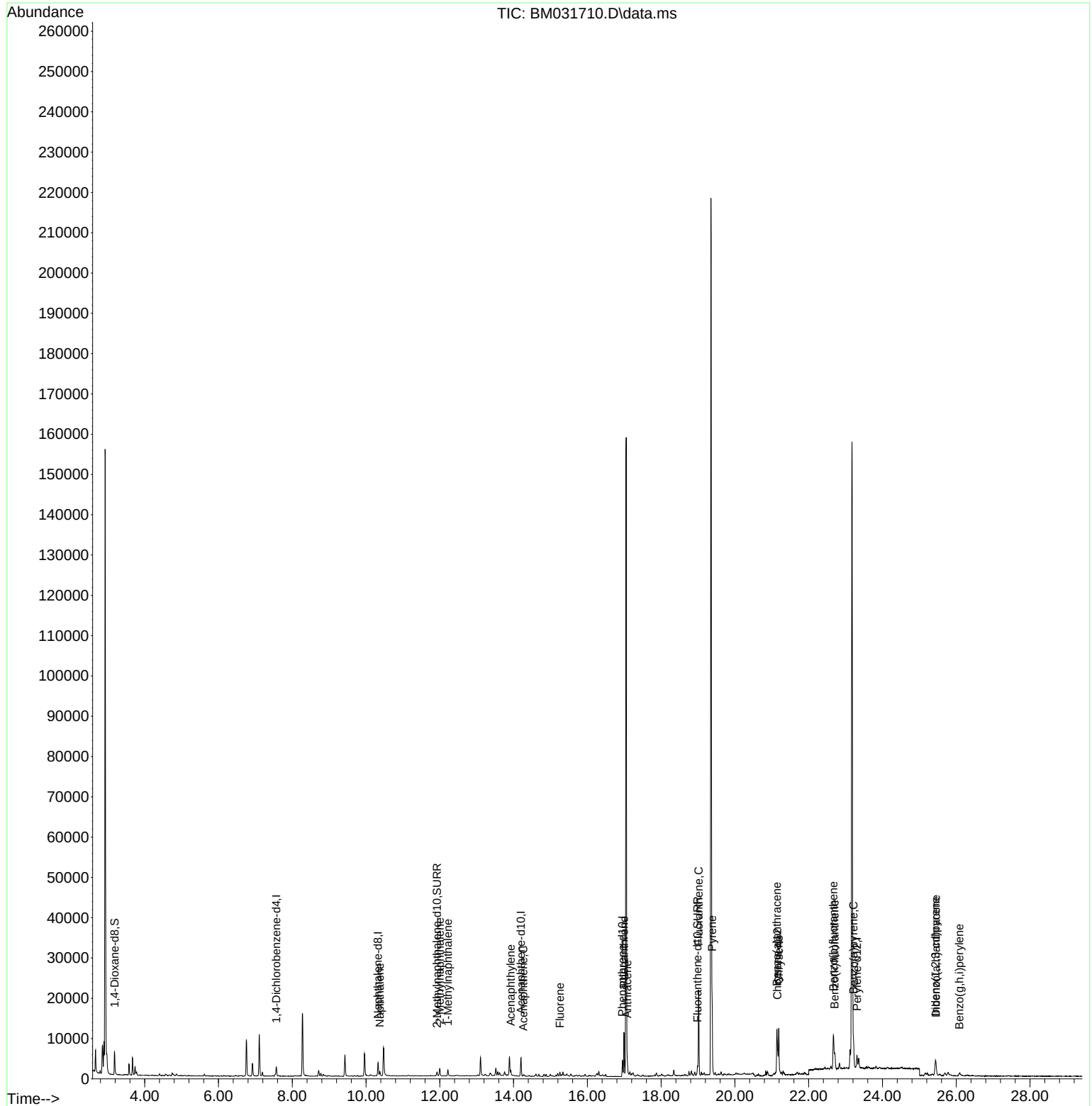
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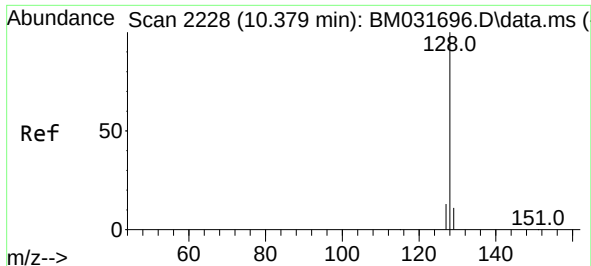
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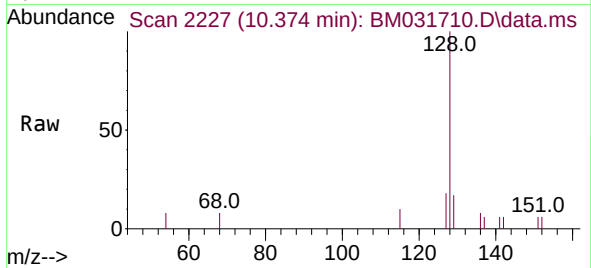
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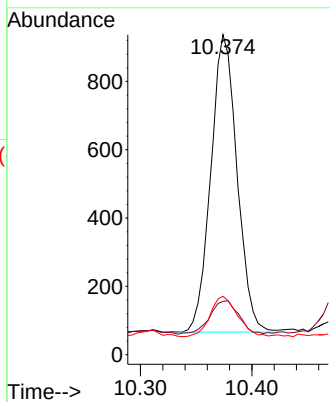
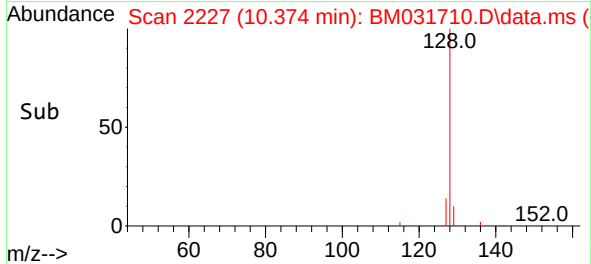




#5
Naphthalene
Concen: 0.112 ng/ul
RT: 10.374 min Scan# 2227
Delta R.T. -0.008 min
Lab File: BM031710.D
Acq: 13 Aug 2021 12:03



Tgt Ion:128 Resp: 1427
Ion Ratio Lower Upper
128 100
129 16.6 10.0 15.0#
127 18.2 11.6 17.4#

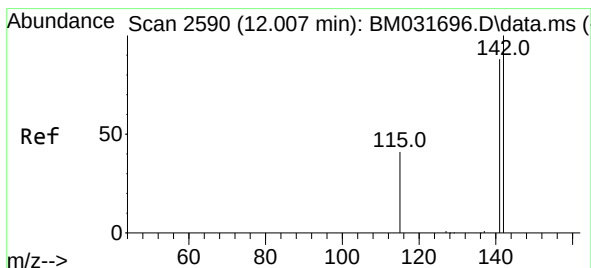


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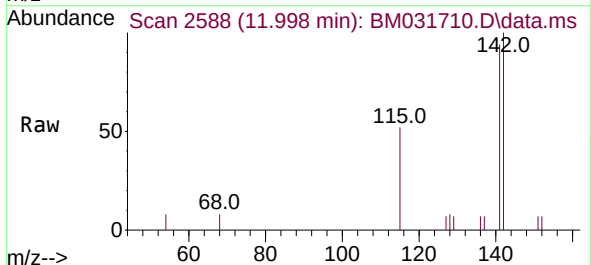
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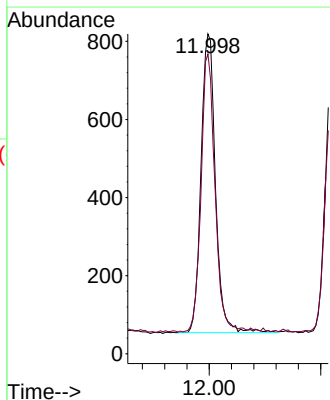
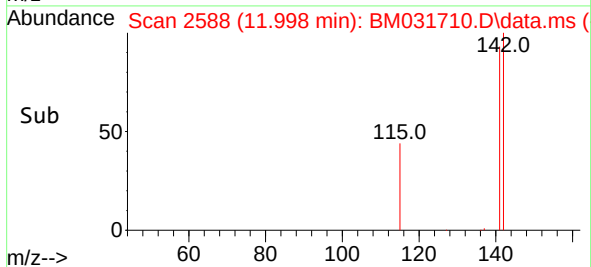
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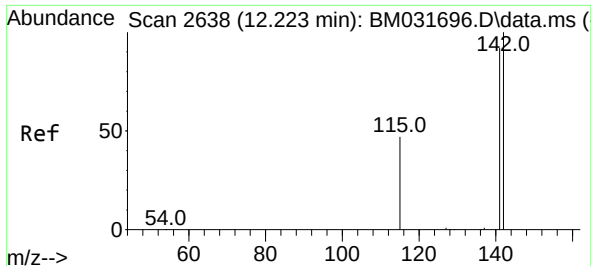


#7
2-Methylnaphthalene
Concen: 0.158 ng/ul
RT: 11.998 min Scan# 2588
Delta R.T. -0.008 min
Lab File: BM031710.D
Acq: 13 Aug 2021 12:03



Tgt Ion:142 Resp: 1374
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.0





#8
1-Methylnaphthalene
Concen: 0.125 ng/ul
RT: 12.218 min Scan# 2637
Delta R.T. -0.008 min
Lab File: BM031710.D
Acq: 13 Aug 2021 12:03

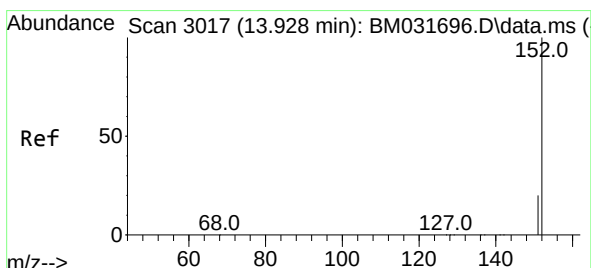
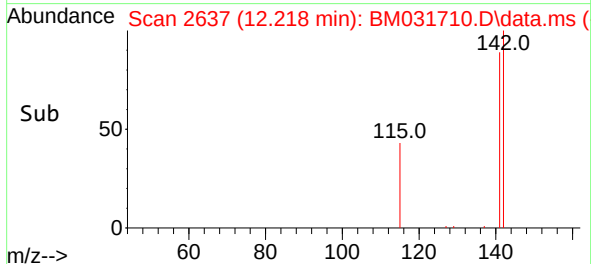
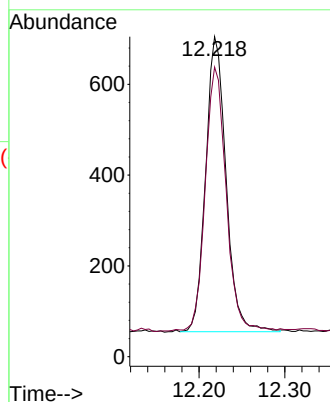
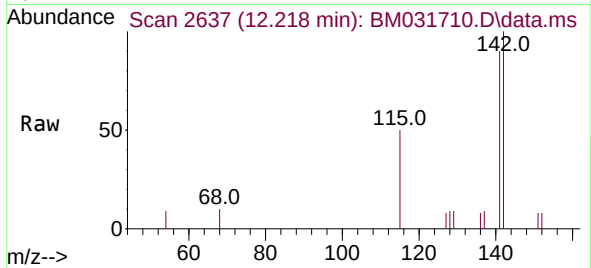
Tgt Ion:142 Resp: 1079
Ion Ratio Lower Upper
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141 91.9 74.1 111.1

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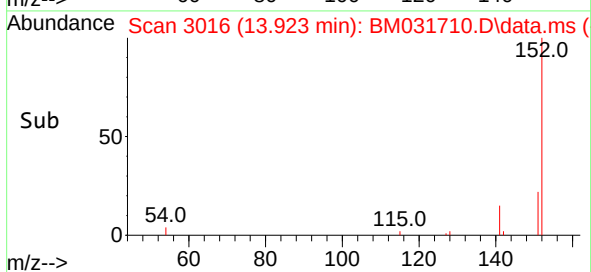
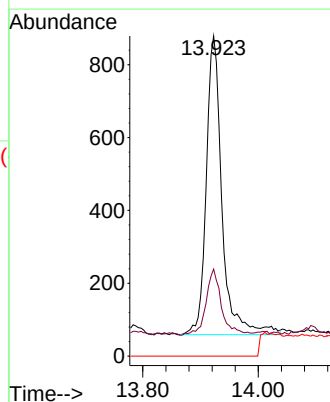
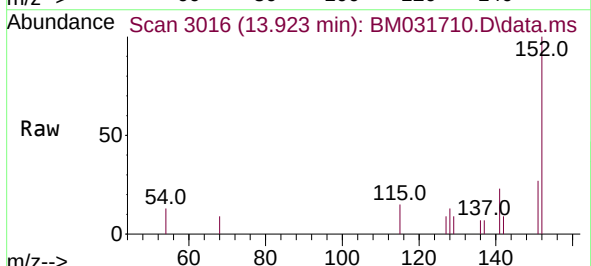
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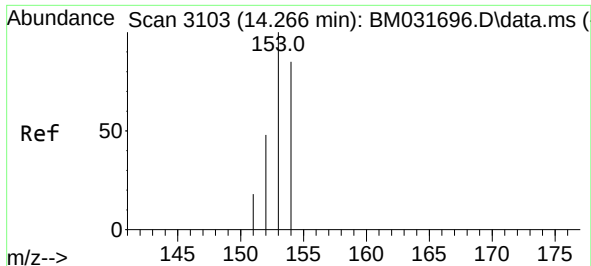
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#10
Acenaphthylene
Concen: 0.143 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031710.D
Acq: 13 Aug 2021 12:03

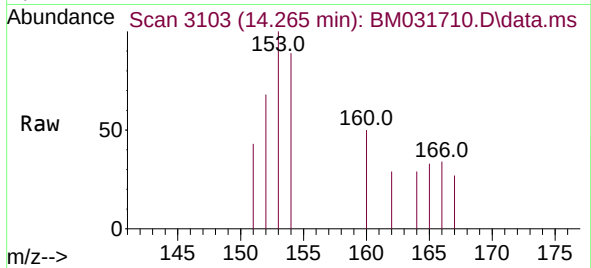
Tgt Ion:152 Resp: 1503
Ion Ratio Lower Upper
152 100
151 27.2 16.9 25.3#
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.035 ng/ul
RT: 14.265 min Scan# 3103
Delta R.T. -0.007 min
Lab File: BM031710.D
Acq: 13 Aug 2021 12:03

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BNA_M
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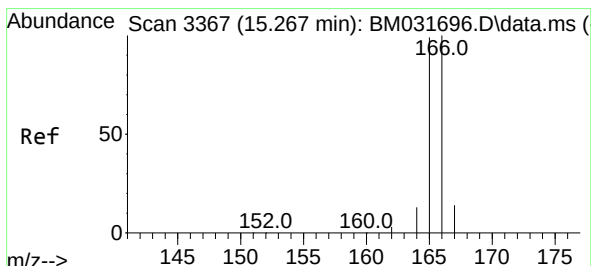
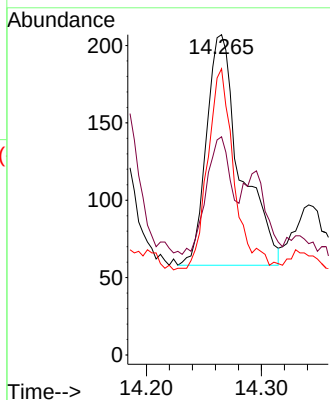
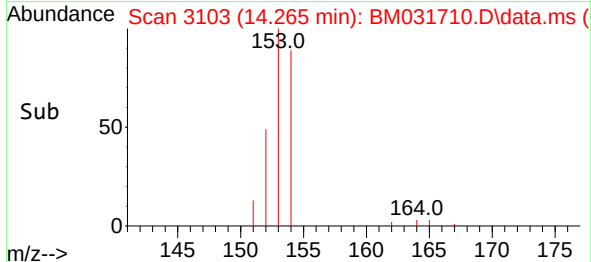


Tgt Ion:153 Resp: 308
Ion Ratio Lower Upper
153 100
152 68.1 40.7 61.1#
154 89.4 70.2 105.2

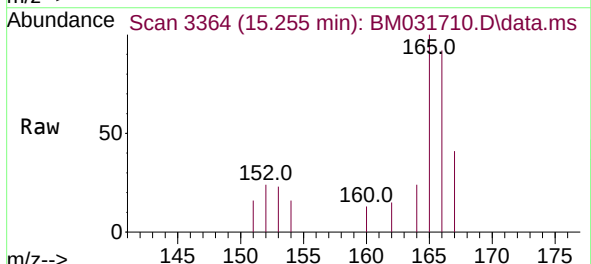
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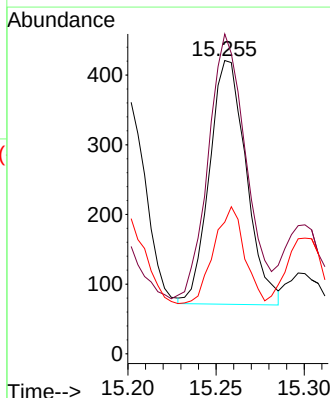
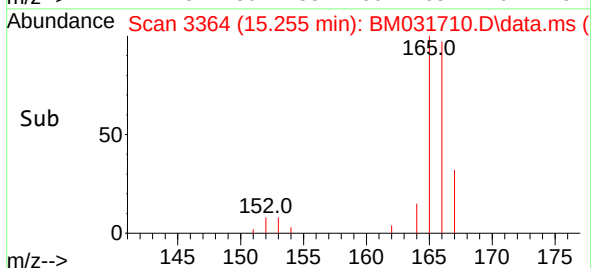
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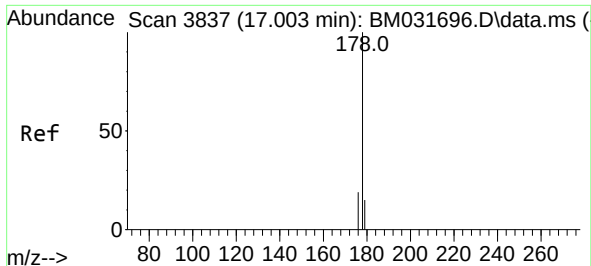


#12
Fluorene
Concen: 0.050 ng/ul
RT: 15.255 min Scan# 3364
Delta R.T. -0.015 min
Lab File: BM031710.D
Acq: 13 Aug 2021 12:03

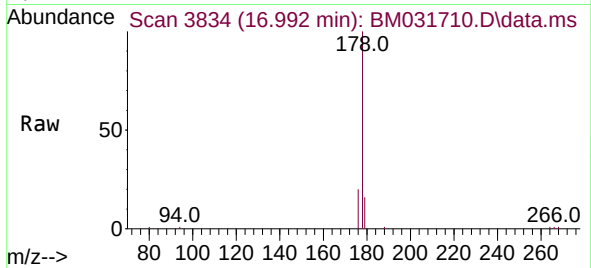


Tgt Ion:166 Resp: 508
Ion Ratio Lower Upper
166 100
165 109.0 78.0 117.0
167 44.9 12.0 18.0#

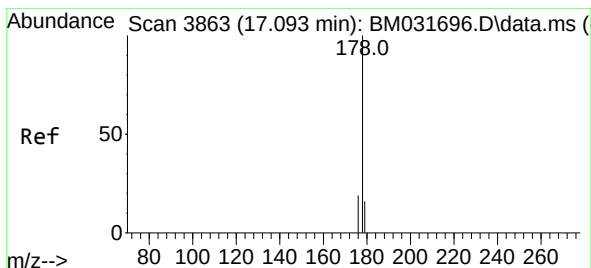
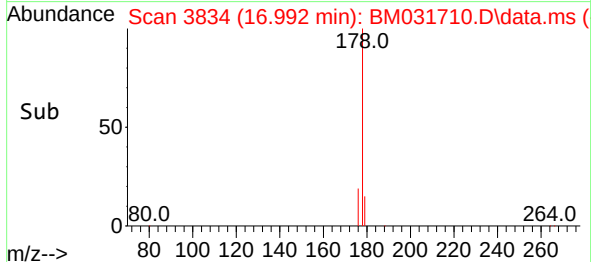
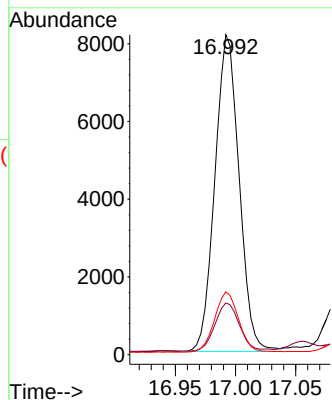




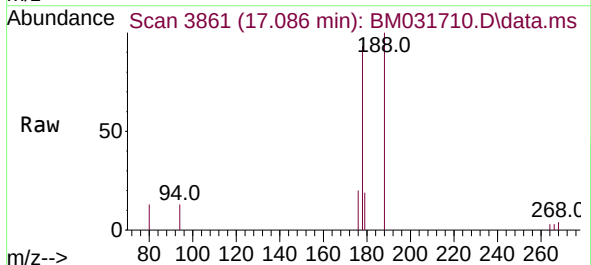
#15
Phenanthrene
Concen: 0.765 ng/ul
RT: 16.992 min Scan# 3834
Delta R.T. -0.010 min
Lab File: BM031710.D
Acq: 13 Aug 2021 12:03



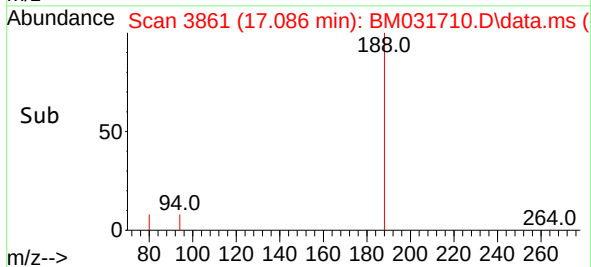
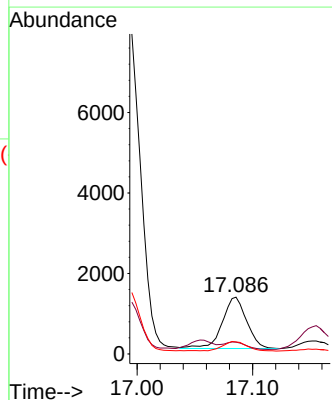
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.3	19.9
176	19.7	16.2	24.4



#16
Anthracene
Concen: 0.134 ng/ul
RT: 17.086 min Scan# 3861
Delta R.T. -0.010 min
Lab File: BM031710.D
Acq: 13 Aug 2021 12:03



Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.8	13.0	19.6#
176	21.1	15.6	23.4

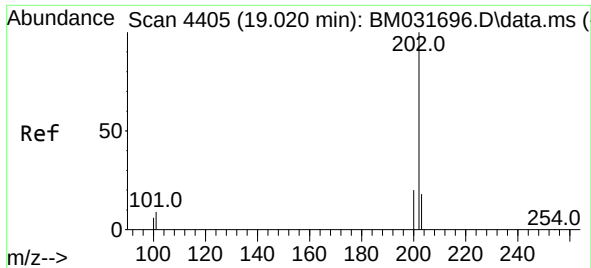


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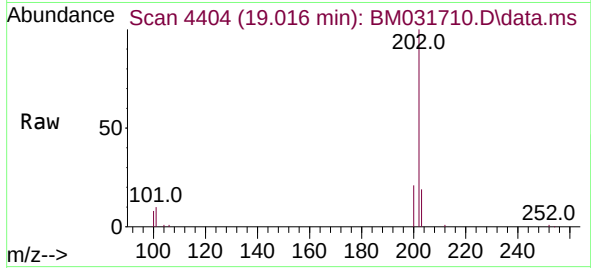
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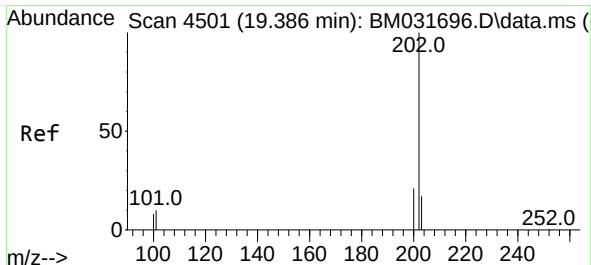
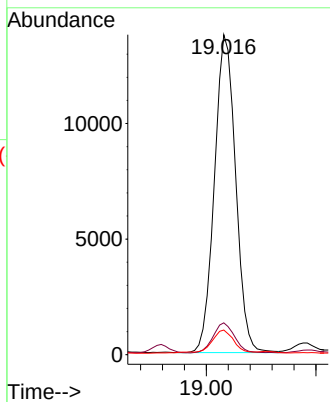
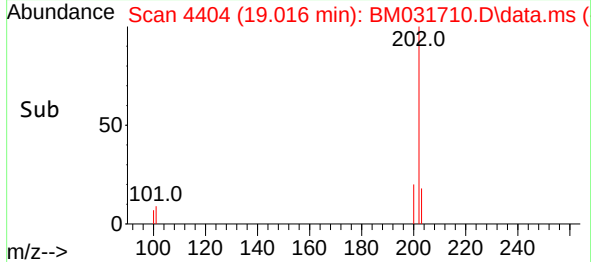
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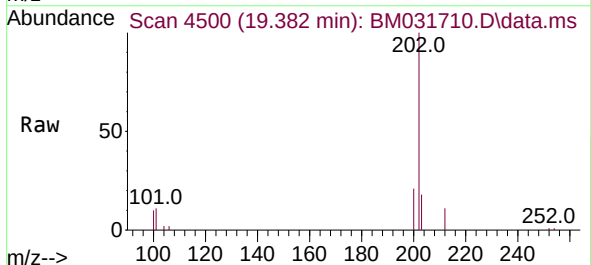
#19
Fluoranthene
Concen: 1.110 ng/ul
RT: 19.016 min Scan# 4404
Delta R.T. -0.011 min
Lab File: BM031710.D
Acq: 13 Aug 2021 12:03



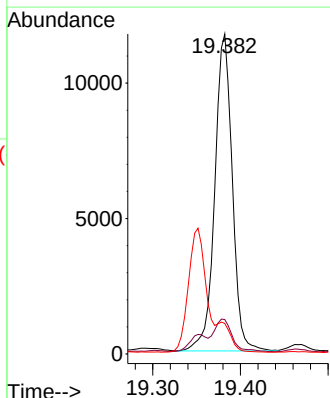
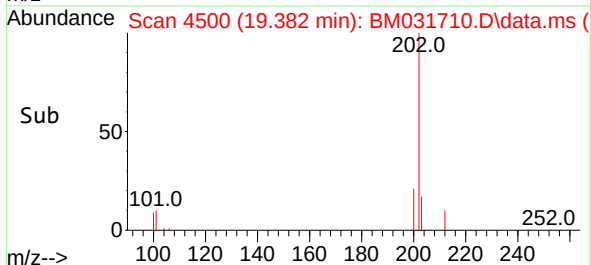
Tgt Ion:202 Resp: 18493
Ion Ratio Lower Upper
202 100
101 9.9 6.6 10.0
100 7.7 5.4 8.0



#20
Pyrene
Concen: 0.963 ng/ul
RT: 19.382 min Scan# 4500
Delta R.T. -0.007 min
Lab File: BM031710.D
Acq: 13 Aug 2021 12:03



Tgt Ion:202 Resp: 16270
Ion Ratio Lower Upper
202 100
101 10.8 7.8 11.6
100 9.6 6.6 10.0

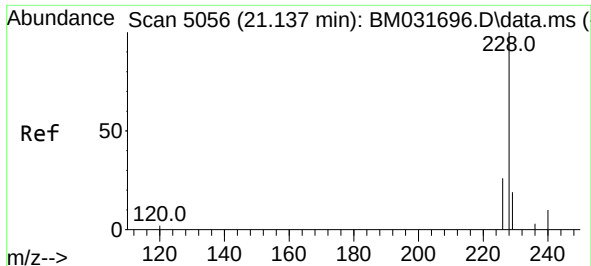


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#21
Benzo(a)anthracene
Concen: 0.530 ng/ul
RT: 21.137 min Scan# 5056
Delta R.T. -0.007 min
Lab File: BM031710.D
Acq: 13 Aug 2021 12:03

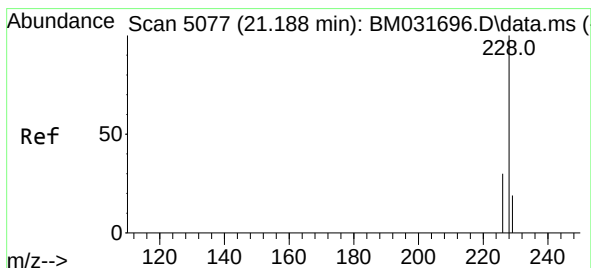
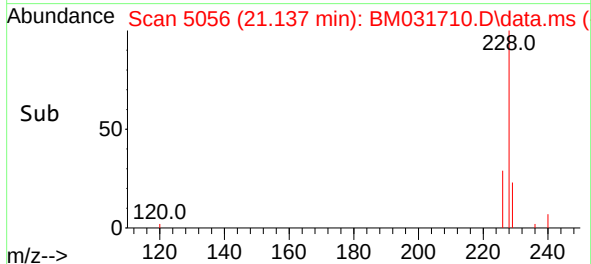
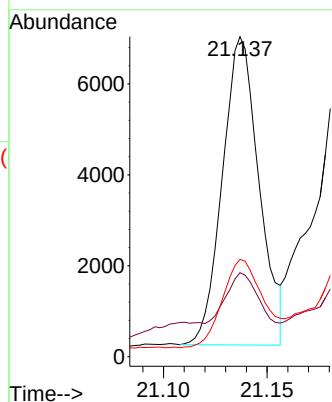
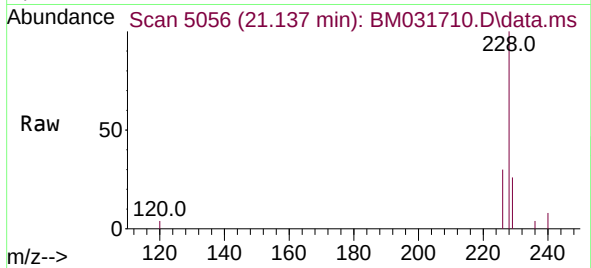
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Ion Ratio Lower Upper
228 100
229 26.3 15.6 23.4#
226 30.4 21.7 32.5

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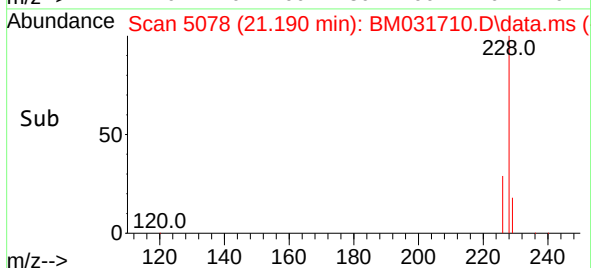
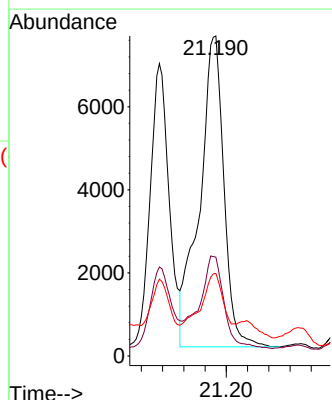
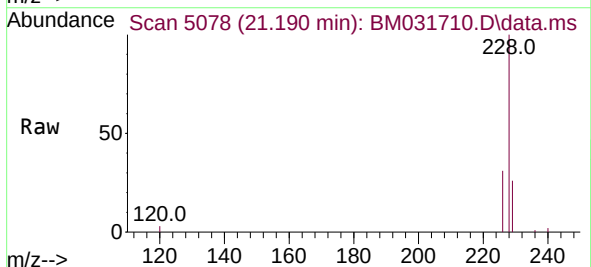
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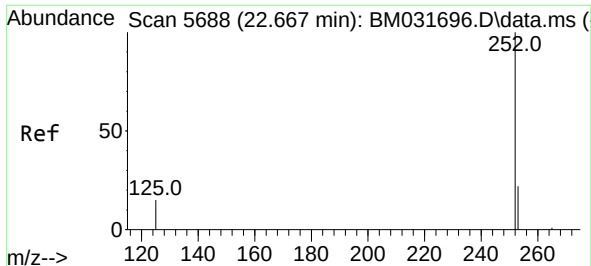
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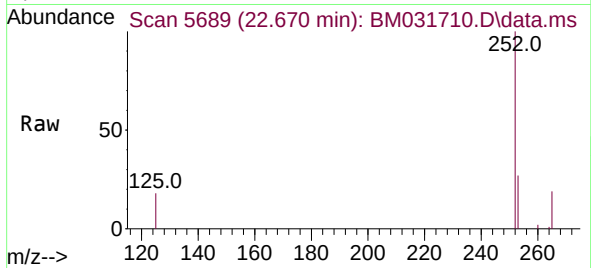
#22
Chrysene
Concen: 0.736 ng/ul
RT: 21.190 min Scan# 5078
Delta R.T. -0.005 min
Lab File: BM031710.D
Acq: 13 Aug 2021 12:03

Tgt Ion:228 Resp: 11995
Ion Ratio Lower Upper
228 100
226 30.9 24.7 37.1
229 25.8 16.2 24.2#

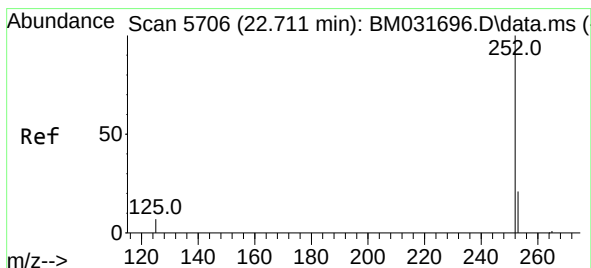
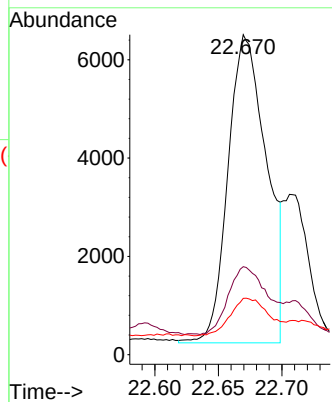
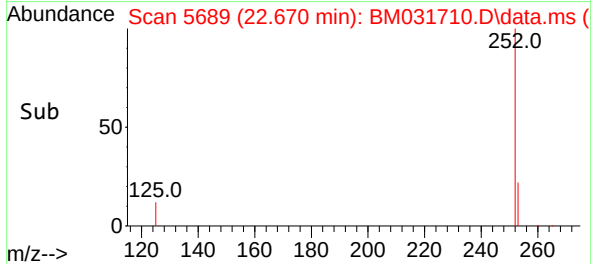




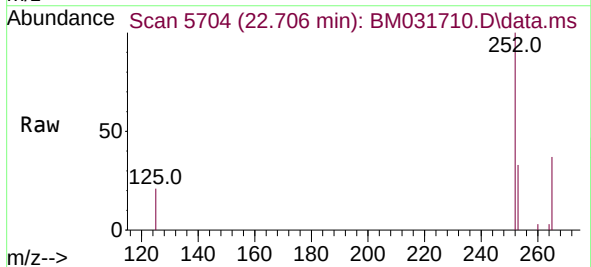
#24
Benzo(b)fluoranthene
Concen: 0.748 ng/ul m
RT: 22.670 min Scan# 5689
Delta R.T. -0.007 min
Lab File: BM031710.D
Acq: 13 Aug 2021 12:03



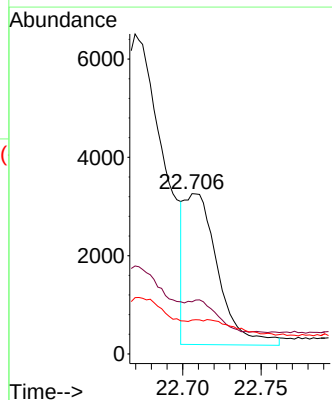
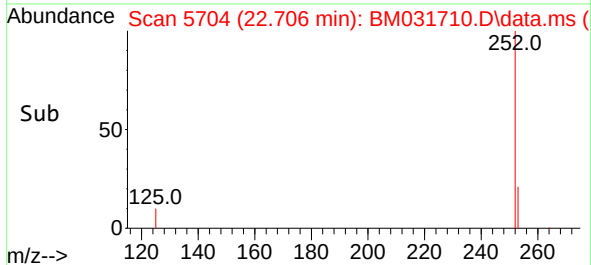
Tgt Ion:252 Resp: 13215
Ion Ratio Lower Upper
252 100
253 27.5 0.0 53.0
125 17.6 0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 0.251 ng/ul m
RT: 22.706 min Scan# 5704
Delta R.T. -0.014 min
Lab File: BM031710.D
Acq: 13 Aug 2021 12:03



Tgt Ion:252 Resp: 4589
Ion Ratio Lower Upper
252 100
253 32.6 21.3 31.9#
125 21.1 8.8 13.2#

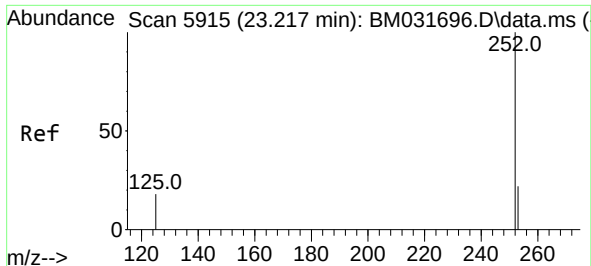


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ClientSampled :
C00C7

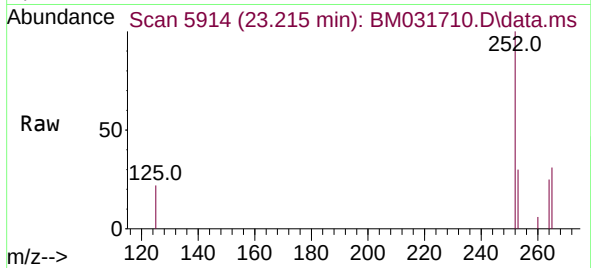
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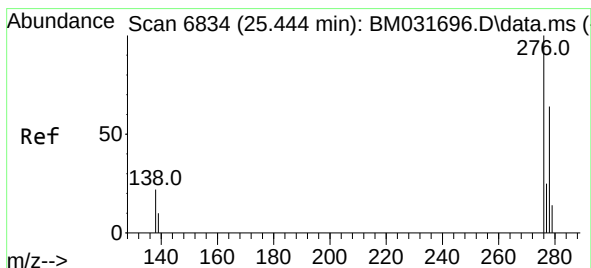
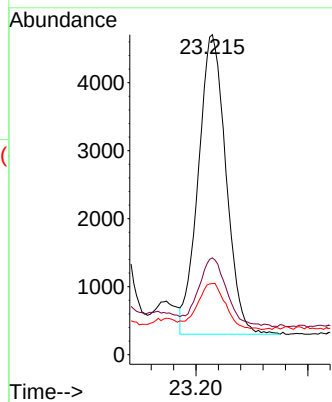
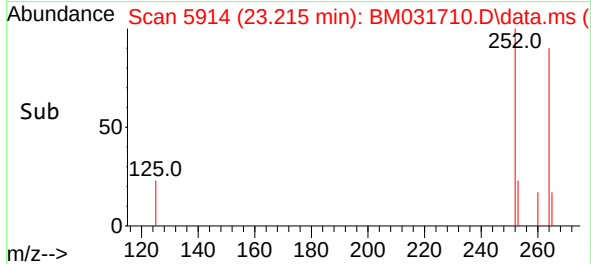
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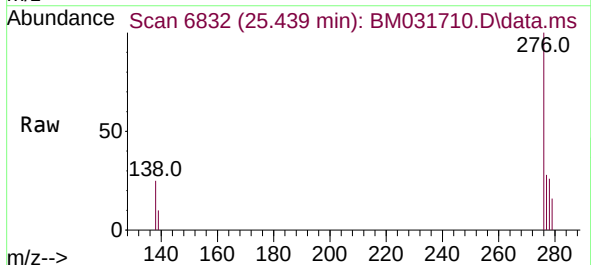
#26
Benzo(a)pyrene
Concen: 0.489 ng/ul
RT: 23.215 min Scan# 5914
Delta R.T. -0.012 min
Lab File: BM031710.D
Acq: 13 Aug 2021 12:03



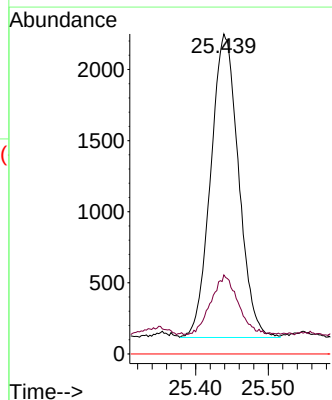
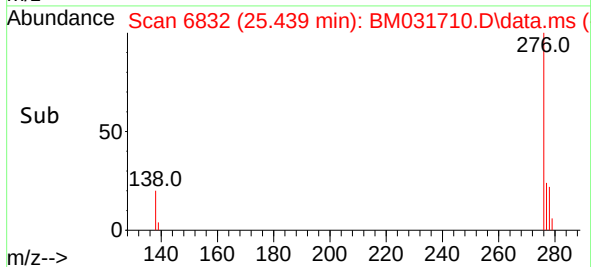
Tgt Ion:252 Resp: 7568
Ion Ratio Lower Upper
252 100
253 30.3 22.4 33.6
125 22.3 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.284 ng/ul
RT: 25.439 min Scan# 6832
Delta R.T. -0.022 min
Lab File: BM031710.D
Acq: 13 Aug 2021 12:03



Tgt Ion:276 Resp: 5674
Ion Ratio Lower Upper
276 100
138 19.5 15.8 23.8
227 0.0 0.0 0.0

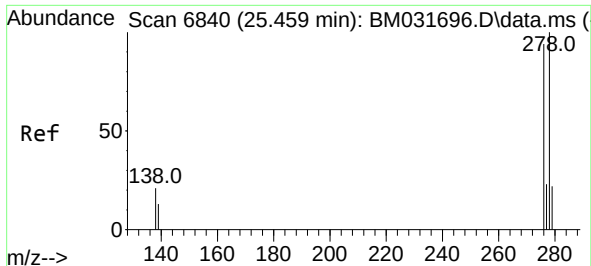


Instrument :
BNA_M
ClientSampleId :
C00C7

Manual Integrations
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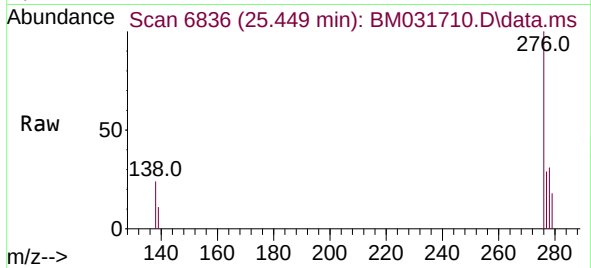
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#28
Dibenzo(a,h)anthracene
Concen: 0.099 ng/ul
RT: 25.449 min Scan# 6836
Delta R.T. -0.024 min
Lab File: BM031710.D
Acq: 13 Aug 2021 12:03

Instrument :
BNA_M
ClientSampleId :
C00C7

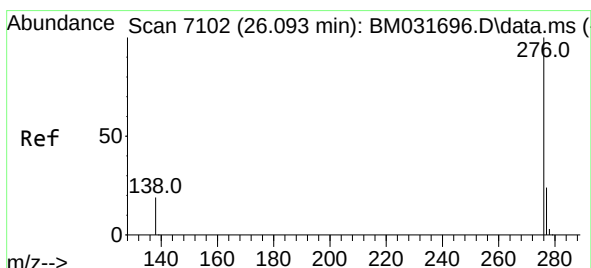
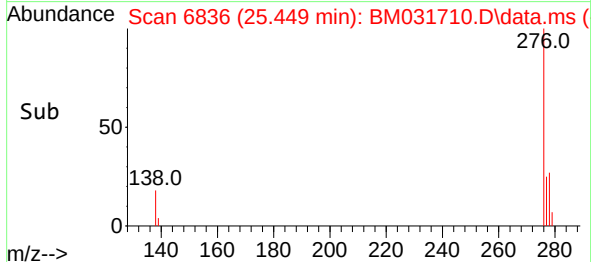
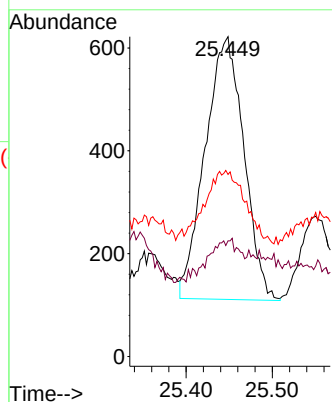


Tgt Ion:278 Resp: 1595
Ion Ratio Lower Upper
278 100
139 36.2 13.3 19.9#
279 56.9 22.8 34.2#

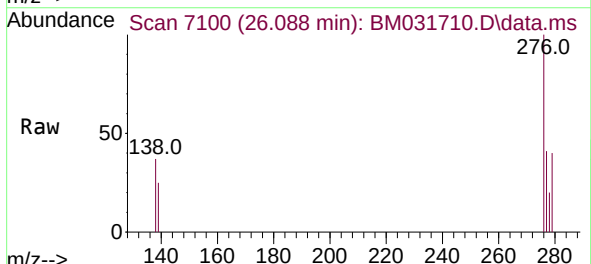
Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.079 ng/ul
RT: 26.088 min Scan# 7100
Delta R.T. -0.019 min
Lab File: BM031710.D
Acq: 13 Aug 2021 12:03



Tgt Ion:276 Resp: 1340
Ion Ratio Lower Upper
276 100
138 37.2 15.4 23.2#
277 41.4 19.9 29.9#

