

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
 Data File : BM031221.D
 Acq On : 28 Jul 2021 21:00
 Operator : CG/JU
 Sample : M3082-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0008

Manual Integrations
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Quant Time: Jul 29 03:21:59 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 : Wed Jul 28 15:20:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	1879	0.400	ng/ul	0.00
4) Naphthalene-d8	10.379	136	7316	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.243	164	4623	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	8804	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.181	240	6405	0.400	ng/ul	# 0.00
23) Perylene-d12	23.348	264	6151	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	4378	2.098	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	1914	0.155	ng/ul	0.00
18) Fluoranthene-d10	19.024	212	4039	0.189	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.424	128	11834	0.543	ng/ul	99
7) 2-Methylnaphthalene	12.043	142	10341	0.695	ng/ul	100
8) 1-Methylnaphthalene	12.268	142	7263	0.494	ng/ul	99
10) Acenaphthylene	13.963	152	23807	1.209	ng/ul	98
11) Acenaphthene	14.307	153	2427	0.146	ng/ul	97
12) Fluorene	15.297	166	14063	0.737	ng/ul#	98
15) Phenanthrene	17.034	178	224869	8.044	ng/ul	97
16) Anthracene	17.124	178	48704	1.861	ng/ul	98
19) Fluoranthene	19.054	202	372404	13.616	ng/ul	97
20) Pyrene	19.416	202	264837	9.547	ng/ul	97
21) Benzo(a)anthracene	21.166	228	138237	5.345	ng/ul	96
22) Chrysene	21.217	228	131617	4.919	ng/ul	97
24) Benzo(b)fluoranthene	22.704	252	165200m	5.961	ng/ul	
25) Benzo(k)fluoranthene	22.742	252	58252m	2.034	ng/ul	
26) Benzo(a)pyrene	23.254	252	89231	3.677	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.492	276	67471	2.150	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.502	278	18974	0.750	ng/ul#	92
29) Benzo(g,h,i)perylene	26.146	276	7086	0.265	ng/ul#	82

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

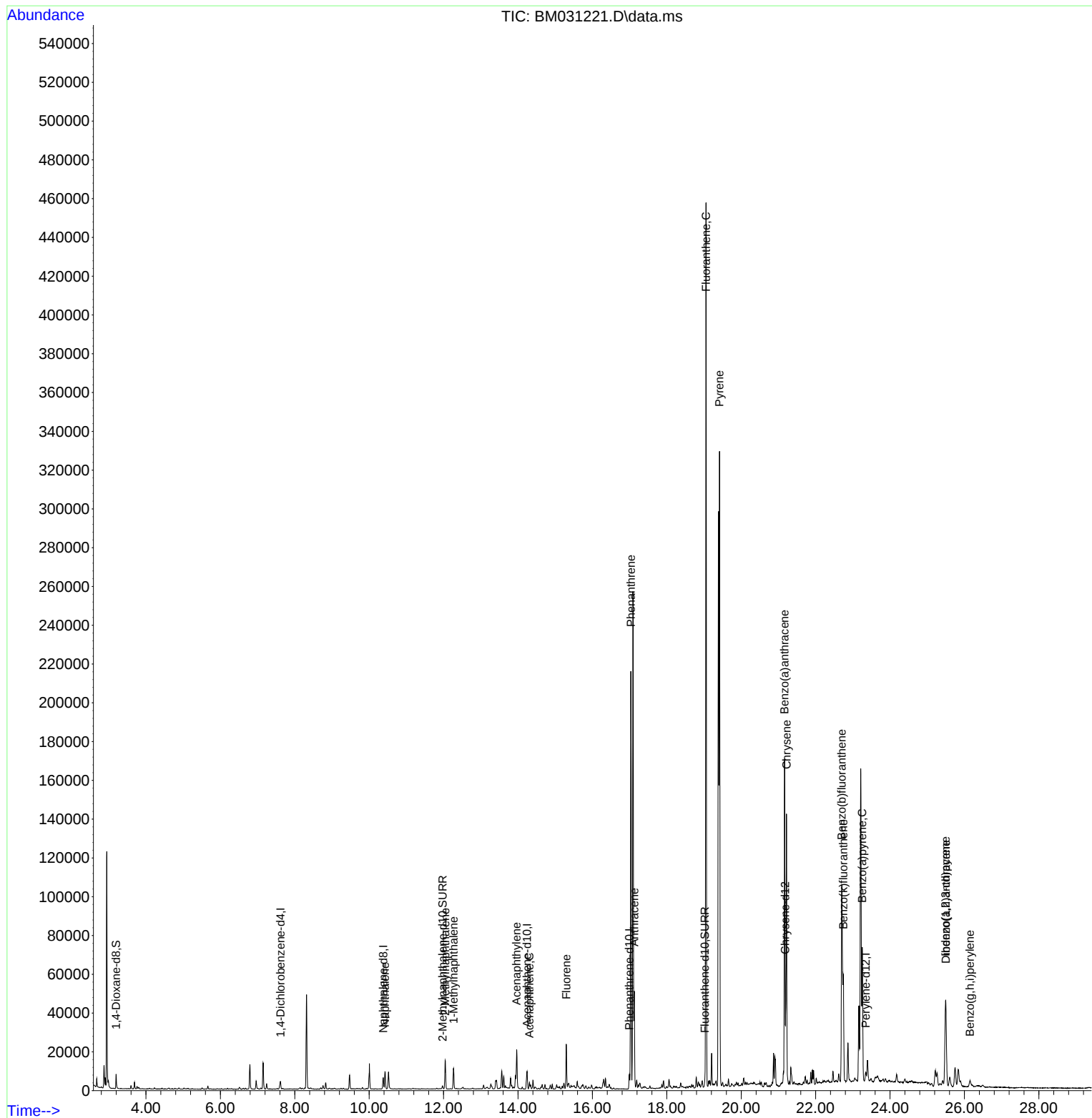
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
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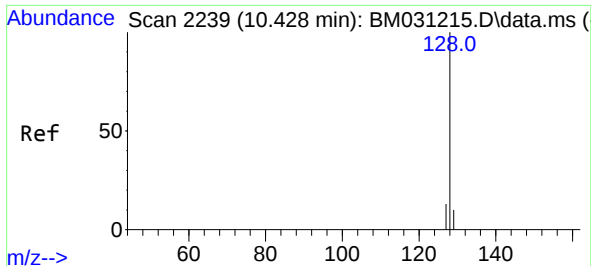
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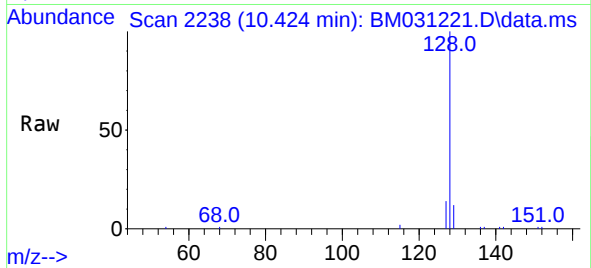
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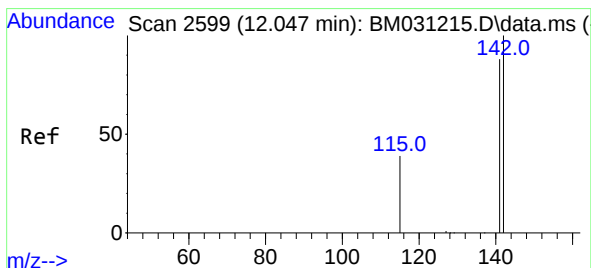
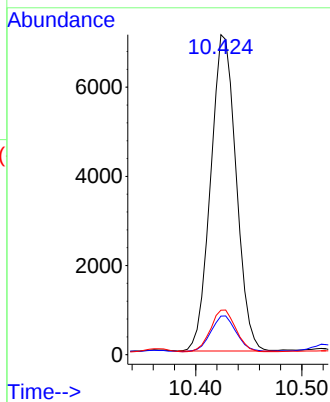
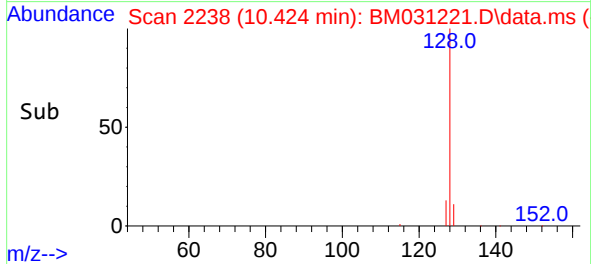


#5
Naphthalene
Concen: 0.543 ng/ul
RT: 10.424 min Scan# 2238
Delta R.T. -0.005 min
Lab File: BM031221.D
Acq: 28 Jul 2021 21:00

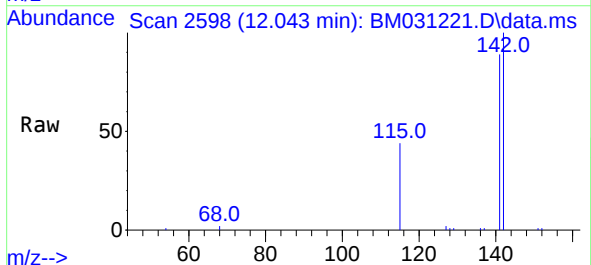


Tgt Ion:128 Resp: 11834

Ion	Ratio	Lower	Upper
128	100		
129	12.1	10.0	15.0
127	13.9	11.6	17.4

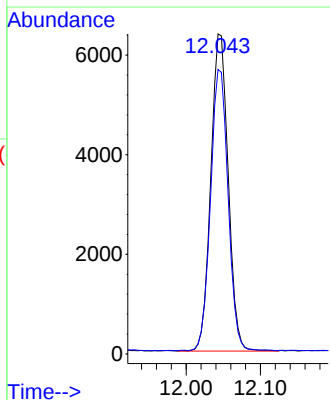
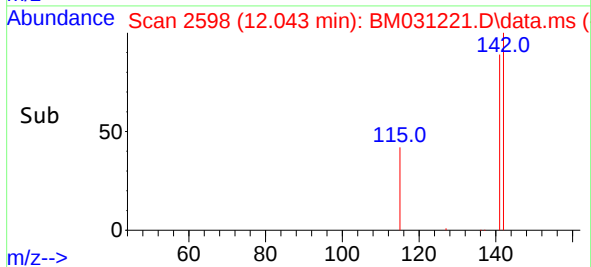


#7
2-Methylnaphthalene
Concen: 0.695 ng/ul
RT: 12.043 min Scan# 2598
Delta R.T. -0.004 min
Lab File: BM031221.D
Acq: 28 Jul 2021 21:00



Tgt Ion:142 Resp: 10341

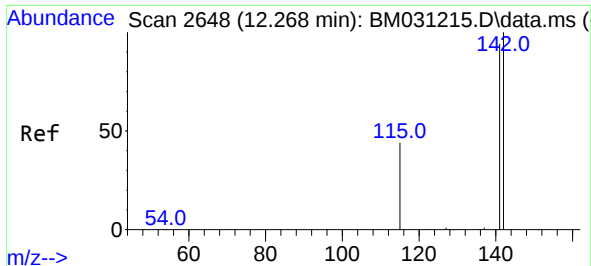
Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.0



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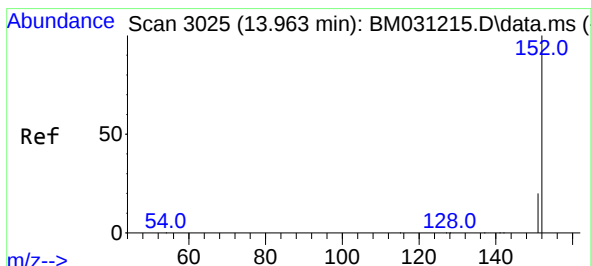
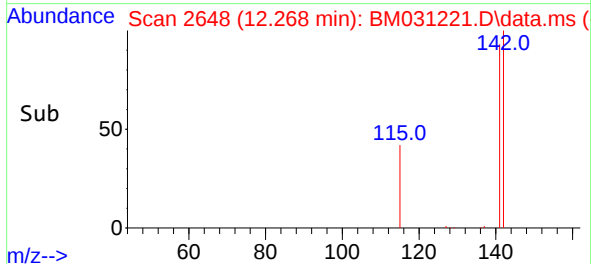
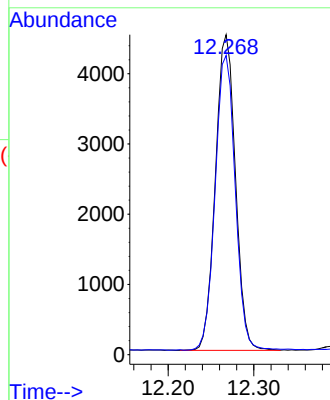
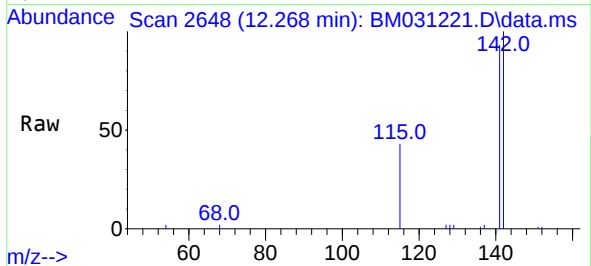
#8
1-Methylnaphthalene
Concen: 0.494 ng/ul
RT: 12.268 min Scan# 2648
Delta R.T. 0.000 min
Lab File: BM031221.D
Acq: 28 Jul 2021 21:00

Tgt Ion:142 Resp: 7263
Ion Ratio Lower Upper
142 100
141 94.0 74.1 111.1

Instrument :
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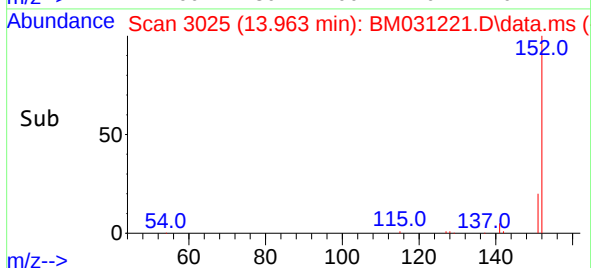
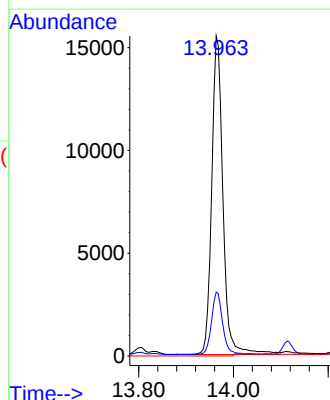
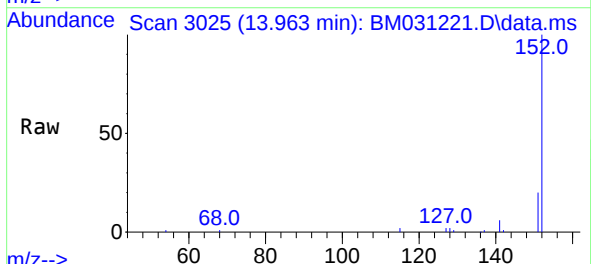
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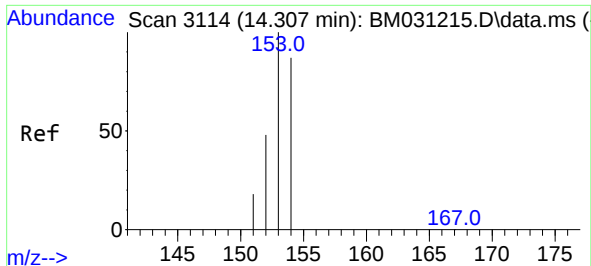
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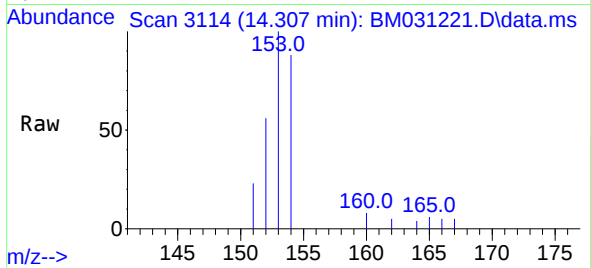
#10
Acenaphthylene
Concen: 1.209 ng/ul
RT: 13.963 min Scan# 3025
Delta R.T. -0.005 min
Lab File: BM031221.D
Acq: 28 Jul 2021 21:00

Tgt Ion:152 Resp: 23807
Ion Ratio Lower Upper
152 100
151 19.9 16.9 25.3
153 0.0 0.0 0.0



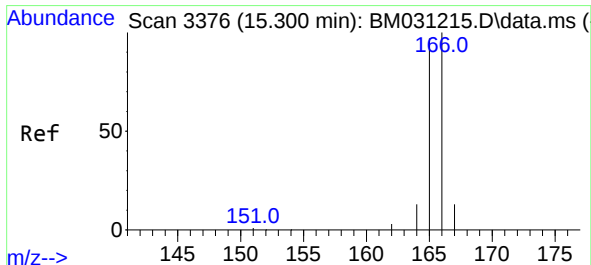
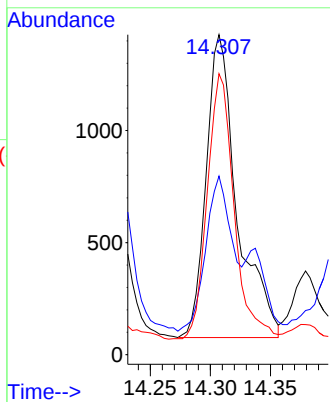
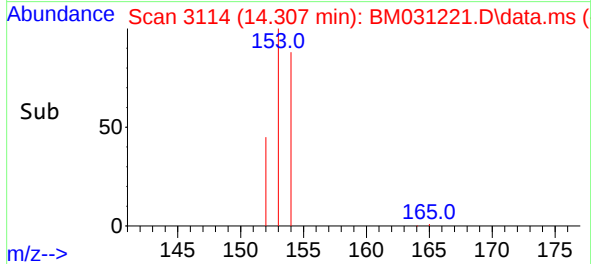


#11
Acenaphthene
Concen: 0.146 ng/ul
RT: 14.307 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM031221.D
Acq: 28 Jul 2021 21:00

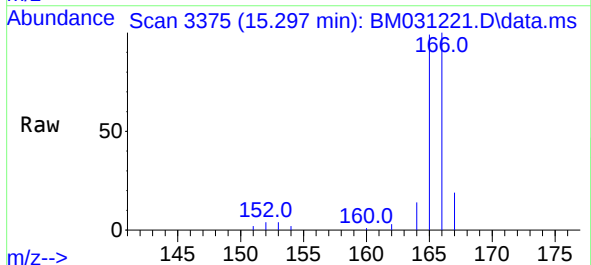


Tgt Ion:153 Resp: 2427

Ion	Ratio	Lower	Upper
153	100		
152	55.8	40.7	61.1
154	87.8	70.2	105.2

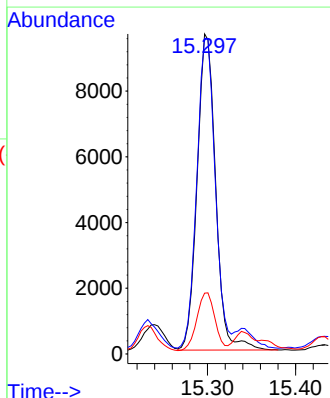
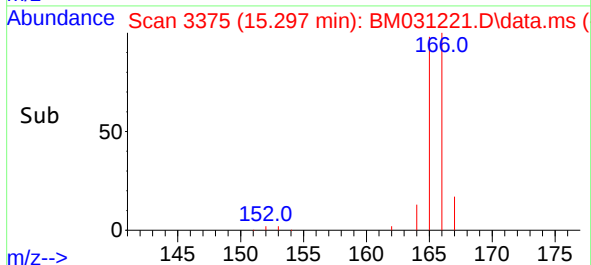


#12
Fluorene
Concen: 0.737 ng/ul
RT: 15.297 min Scan# 3375
Delta R.T. -0.004 min
Lab File: BM031221.D
Acq: 28 Jul 2021 21:00



Tgt Ion:166 Resp: 14063

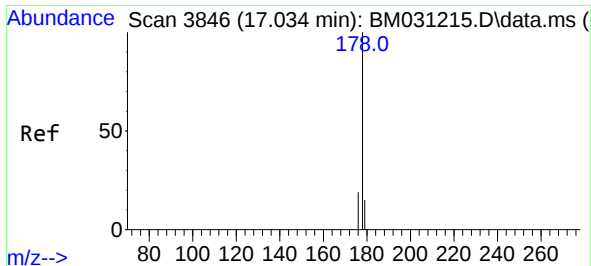
Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.0	117.0
167	19.0	12.0	18.0



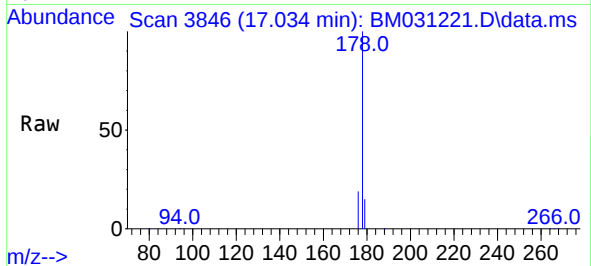
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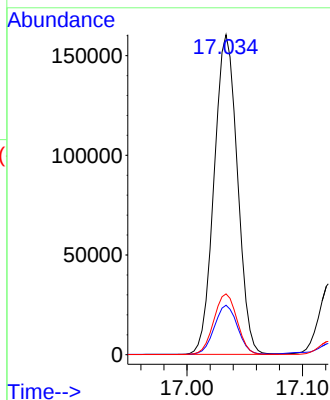
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#15
Phenanthrene
Concen: 8.044 ng/ul
RT: 17.034 min Scan# 3846
Delta R.T. 0.000 min
Lab File: BM031221.D
Acq: 28 Jul 2021 21:00



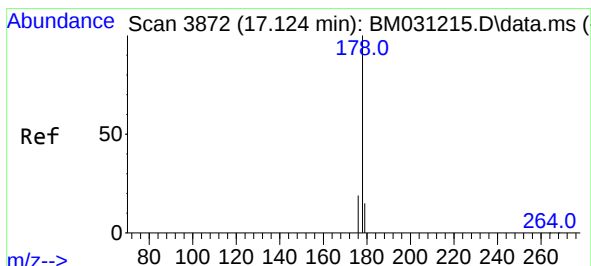
Tgt Ion:178 Resp: 224869
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.0 16.2 24.4



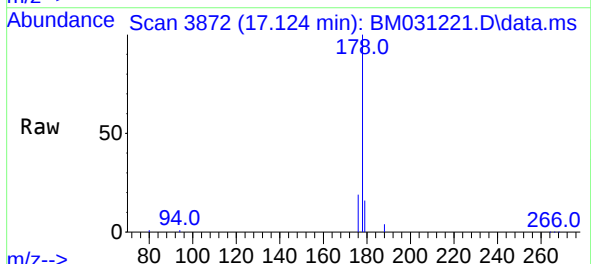
Instrument :
BNA_M
ClientSampled :
C0008

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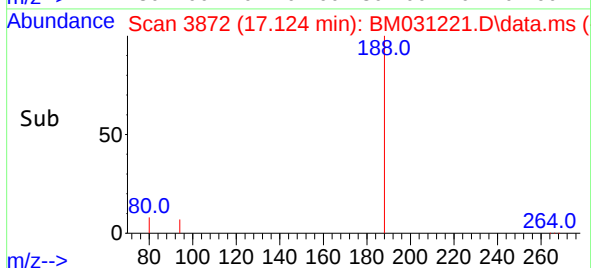
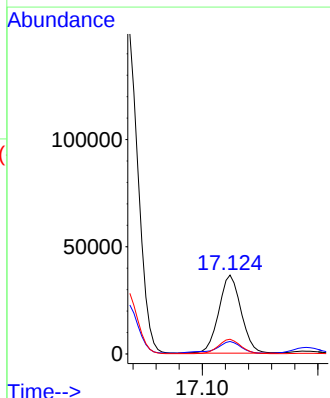
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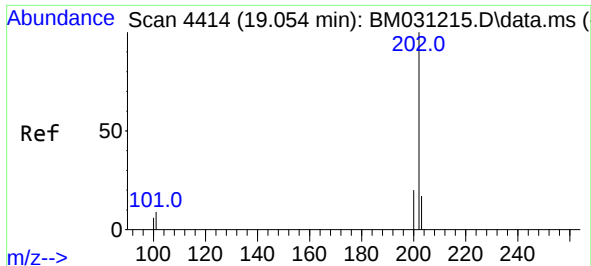


#16
Anthracene
Concen: 1.861 ng/ul
RT: 17.124 min Scan# 3872
Delta R.T. 0.000 min
Lab File: BM031221.D
Acq: 28 Jul 2021 21:00

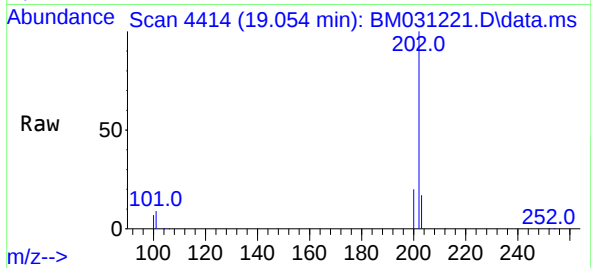


Tgt Ion:178 Resp: 48704
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 18.6 15.6 23.4

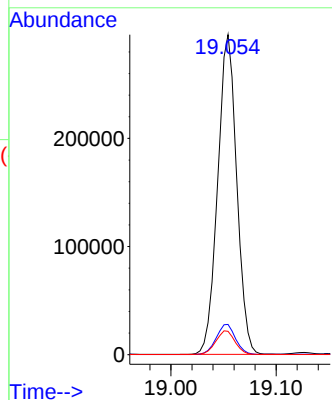




#19
Fluoranthene
Concen: 13.616 ng/ul
RT: 19.054 min Scan# 4414
Delta R.T. 0.000 min
Lab File: BM031221.D
Acq: 28 Jul 2021 21:00



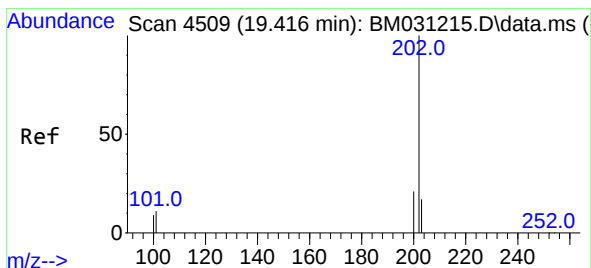
Tgt Ion:202 Resp: 372404
Ion Ratio Lower Upper
202 100
101 9.5 6.6 10.0
100 7.3 5.4 8.0



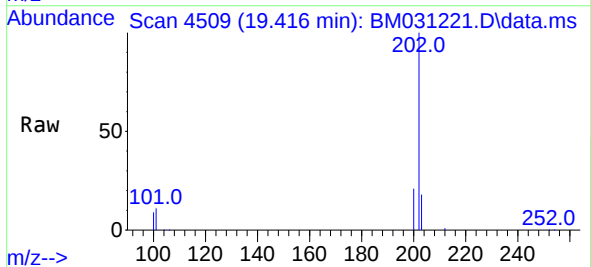
Instrument :
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ClientSampled :
C0008

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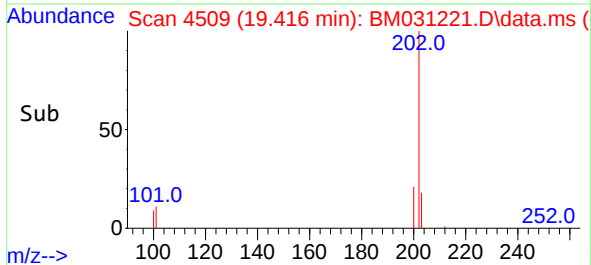
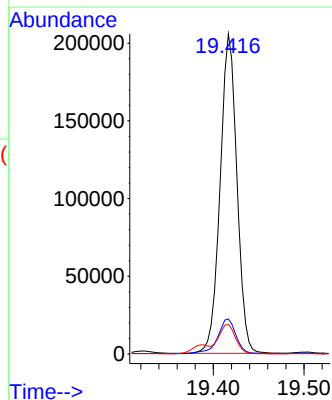
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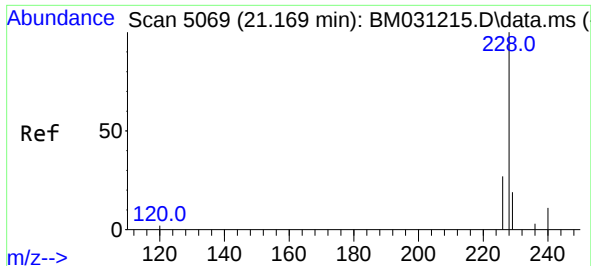


#20
Pyrene
Concen: 9.547 ng/ul
RT: 19.416 min Scan# 4509
Delta R.T. 0.000 min
Lab File: BM031221.D
Acq: 28 Jul 2021 21:00



Tgt Ion:202 Resp: 264837
Ion Ratio Lower Upper
202 100
101 10.9 7.8 11.6
100 9.2 6.6 10.0





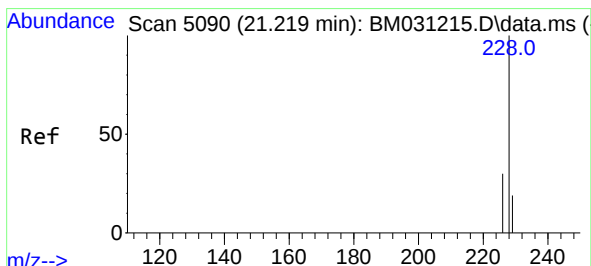
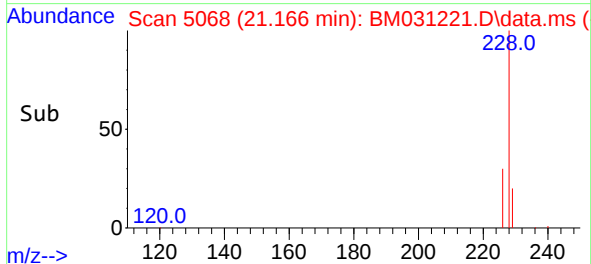
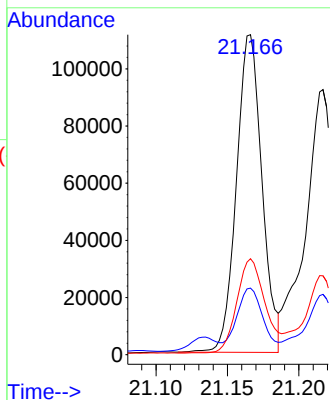
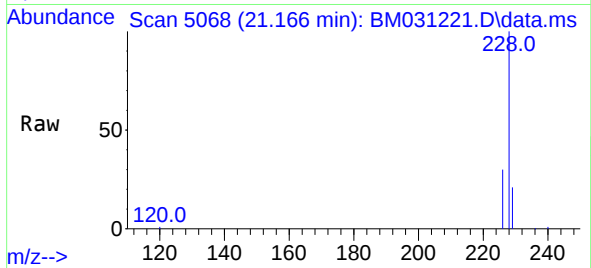
#21
Benzo(a)anthracene
Concen: 5.345 ng/uI
RT: 21.166 min Scan# 5068
Delta R.T. 0.000 min
Lab File: BM031221.D
Acq: 28 Jul 2021 21:00

Tgt	Ion:228	Resp:	138237
Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.6	23.4
226	30.0	21.7	32.5

Instrument :
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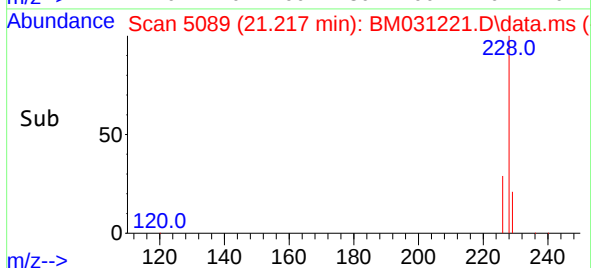
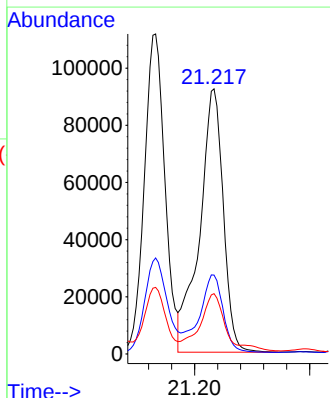
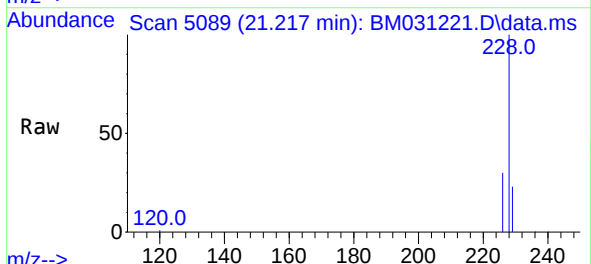
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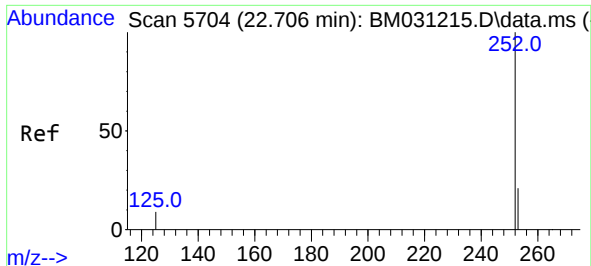
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#22
Chrysene
Concen: 4.919 ng/uI
RT: 21.217 min Scan# 5089
Delta R.T. 0.000 min
Lab File: BM031221.D
Acq: 28 Jul 2021 21:00

Tgt Ion:228	Resp: 131617
Ion Ratio	Lower Upper
228 100	
226 29.7	24.7 37.1
229 22.8	16.2 24.2





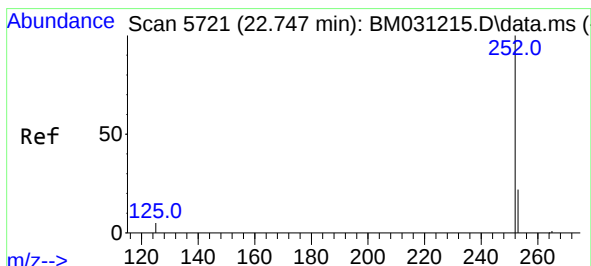
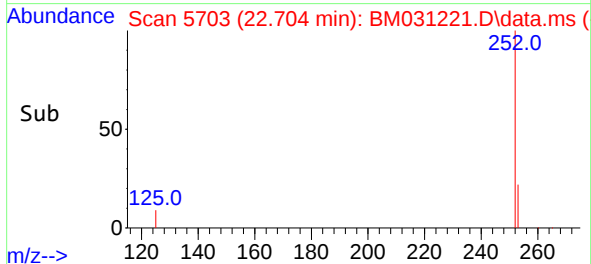
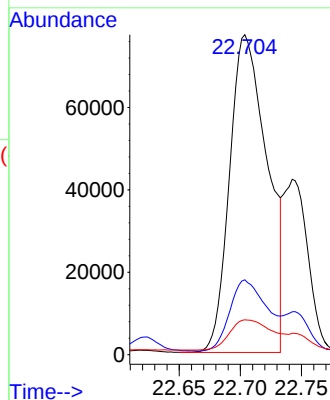
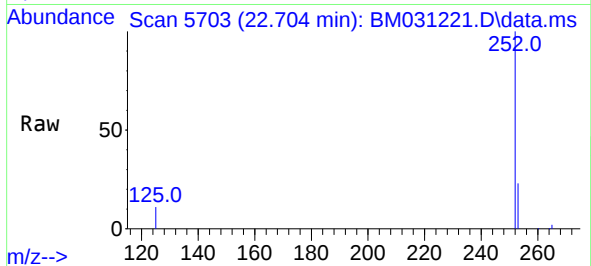
#24
Benzo(b)fluoranthene
Concen: 5.961 ng/ul m
RT: 22.704 min Scan# 5703
Delta R.T. -0.002 min
Lab File: BM031221.D
Acq: 28 Jul 2021 21:00

Tgt Ion:252 Resp: 165200
Ion Ratio Lower Upper
252 100
253 23.4 0.0 53.0
125 10.9 0.0 22.8

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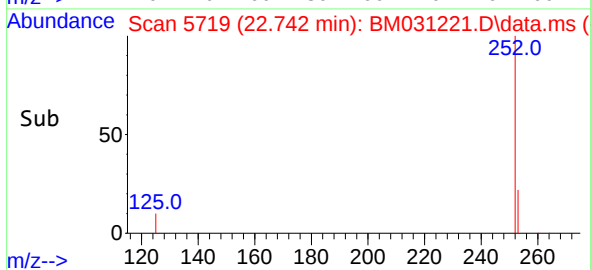
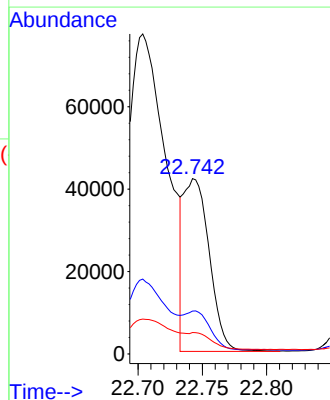
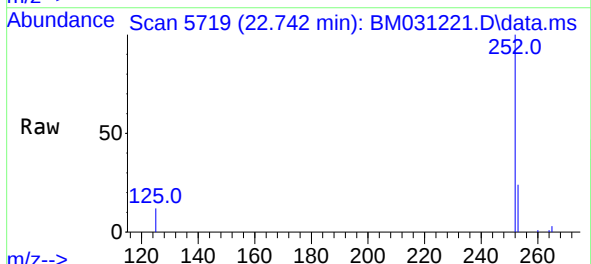
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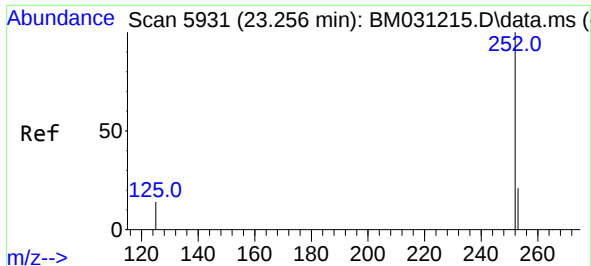
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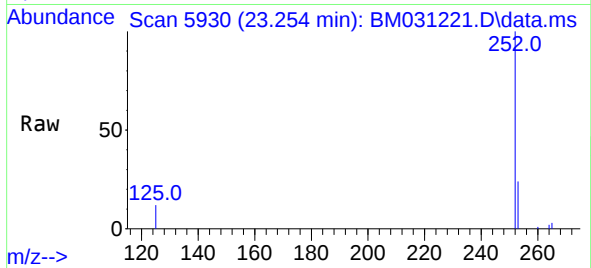
#25
Benzo(k)fluoranthene
Concen: 2.034 ng/ul m
RT: 22.742 min Scan# 5719
Delta R.T. -0.005 min
Lab File: BM031221.D
Acq: 28 Jul 2021 21:00

Tgt Ion:252 Resp: 58252
Ion Ratio Lower Upper
252 100
253 24.5 21.3 31.9
125 12.2 8.8 13.2

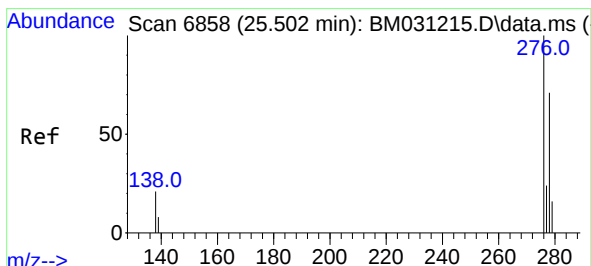
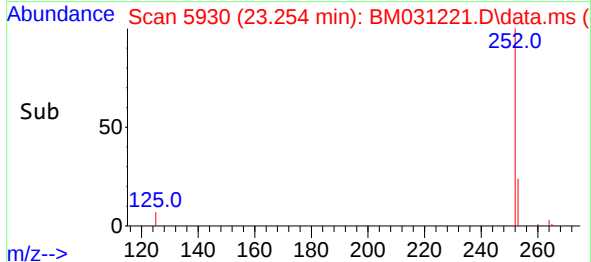
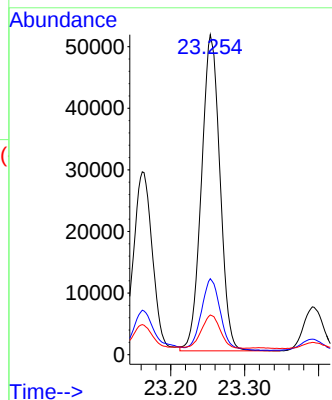




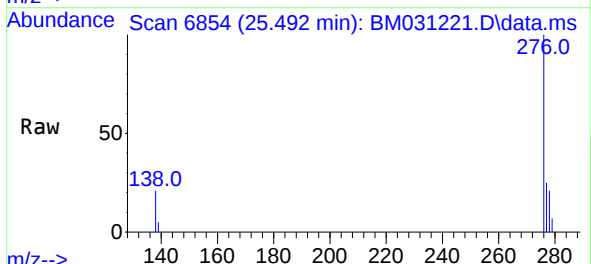
#26
Benzo(a)pyrene
Concen: 3.677 ng/ul
RT: 23.254 min Scan# 5930
Delta R.T. -0.002 min
Lab File: BM031221.D
Acq: 28 Jul 2021 21:00



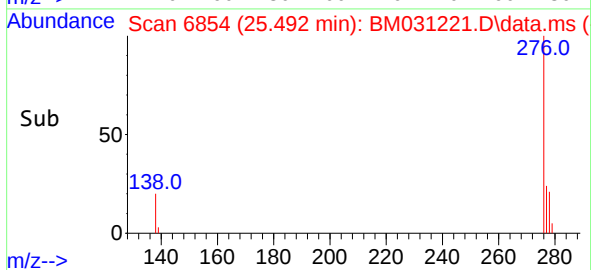
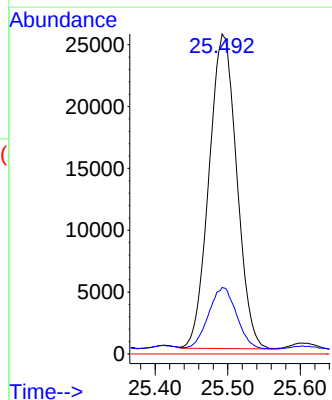
Tgt Ion:252 Resp: 89231
Ion Ratio Lower Upper
252 100
253 23.8 22.4 33.6
125 12.4 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.150 ng/ul
RT: 25.492 min Scan# 6854
Delta R.T. -0.005 min
Lab File: BM031221.D
Acq: 28 Jul 2021 21:00



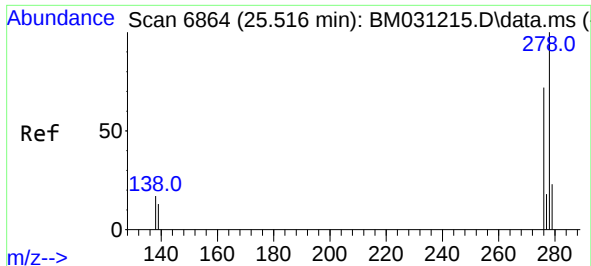
Tgt Ion:276 Resp: 67471
Ion Ratio Lower Upper
276 100
138 20.1 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
C0008

Manual Integrations
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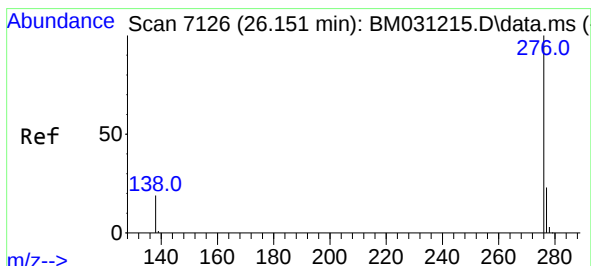
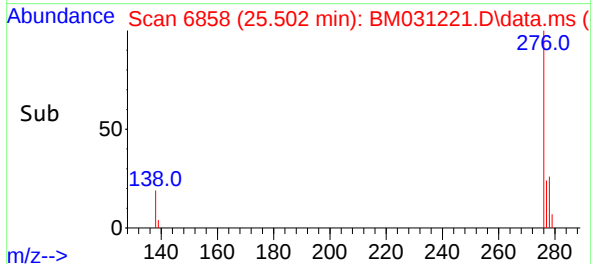
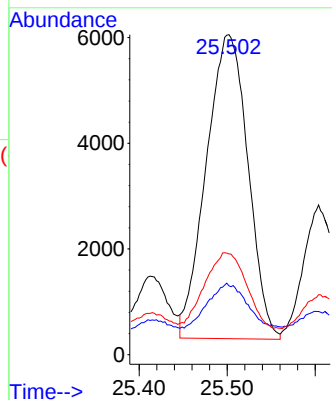
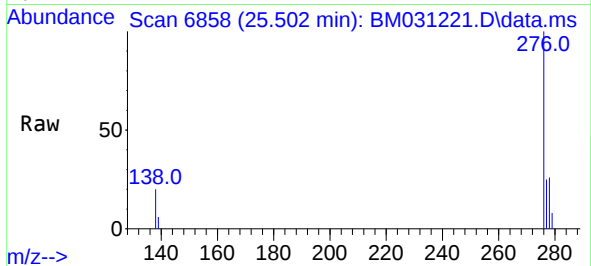
#28
Dibenzo(a,h)anthracene
Concen: 0.750 ng/ul
RT: 25.502 min Scan# 6858
Delta R.T. -0.012 min
Lab File: BM031221.D
Acq: 28 Jul 2021 21:00

Tgt Ion:278 Resp: 18974
Ion Ratio Lower Upper
278 100
139 21.5 13.3 19.9#
279 31.5 22.8 34.2

Instrument :
BNA_M
ClientSampled :
C0008

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.265 ng/ul
RT: 26.146 min Scan# 7124
Delta R.T. -0.002 min
Lab File: BM031221.D
Acq: 28 Jul 2021 21:00

Tgt Ion:276 Resp: 7086
Ion Ratio Lower Upper
276 100
138 29.9 15.4 23.2#
277 31.9 19.9 29.9#

