

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
 Data File : BM031217.D
 Acq On : 28 Jul 2021 18:32
 Operator : CG/JU
 Sample : M3082-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0007

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Quant Time: Jul 29 03:21:27 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	1813	0.400	ng/ul	0.00
4) Naphthalene-d8	10.379	136	7019	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.246	164	5013	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	9760	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.183	240	7448	0.400	ng/ul	# 0.00
23) Perylene-d12	23.350	264	7641	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	4398	2.184	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	1974	0.167	ng/ul	0.00
18) Fluoranthene-d10	19.024	212	4536	0.182	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.428	128	41832	2.001	ng/ul	97
7) 2-Methylnaphthalene	12.047	142	25806	1.807	ng/ul	100
8) 1-Methylnaphthalene	12.268	142	21712	1.538	ng/ul	99
10) Acenaphthylene	13.963	152	27821	1.303	ng/ul	98
11) Acenaphthene	14.307	153	5750	0.320	ng/ul	100
12) Fluorene	15.297	166	31888	1.542	ng/ul#	94
15) Phenanthrene	17.034	178	585585	18.895	ng/ul	98
16) Anthracene	17.124	178	172213	5.935	ng/ul	98
19) Fluoranthene	19.054	202	1027844	32.319	ng/ul	96
20) Pyrene	19.420	202	817191	25.333	ng/ul	98
21) Benzo(a)anthracene	21.171	228	420489	13.981	ng/ul	93
22) Chrysene	21.222	228	383821	12.335	ng/ul	97
24) Benzo(b)fluoranthene	22.711	252	461037m	13.392	ng/ul	
25) Benzo(k)fluoranthene	22.750	252	144106m	4.051	ng/ul	
26) Benzo(a)pyrene	23.258	252	290552m	9.637	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.500	276	203946	5.233	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.507	278	52725	1.679	ng/ul	95
29) Benzo(g,h,i)perylene	26.154	276	29021	0.873	ng/ul#	93

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

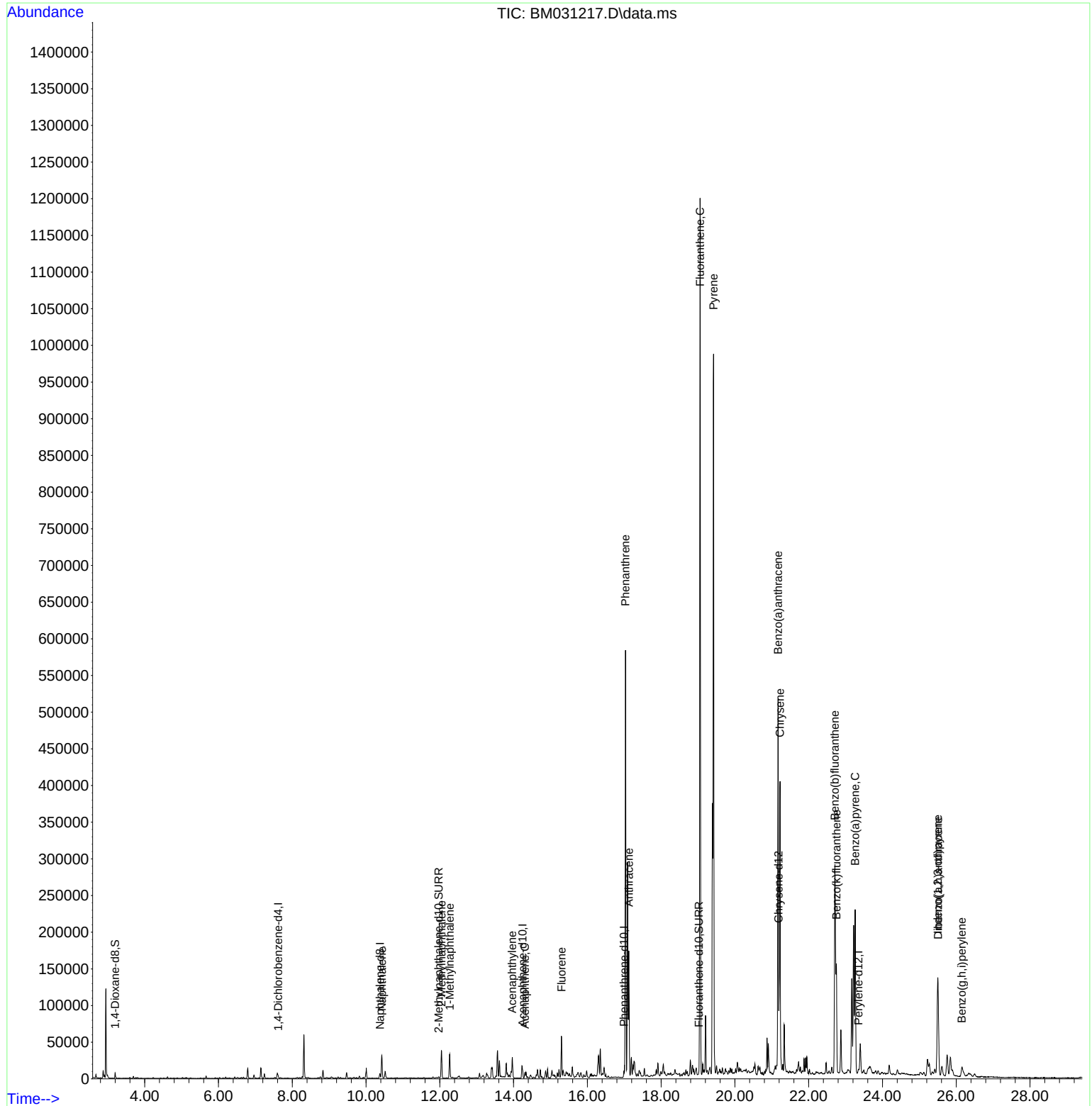
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Data File : BM031217.D
Acq On : 28 Jul 2021 18:32
Operator : CG/JU
Sample : M3082-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

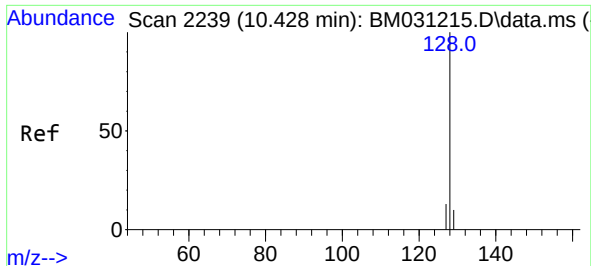
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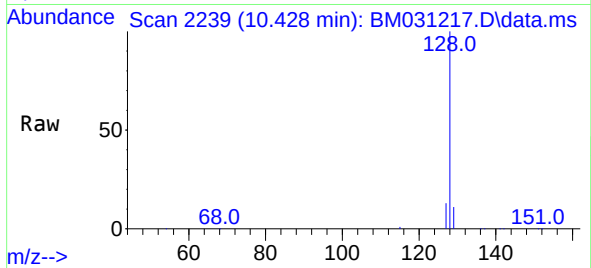
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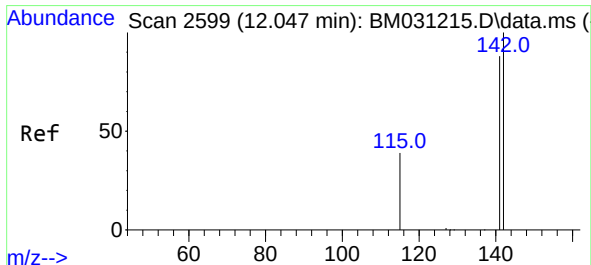
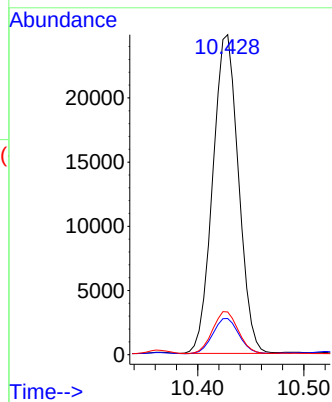
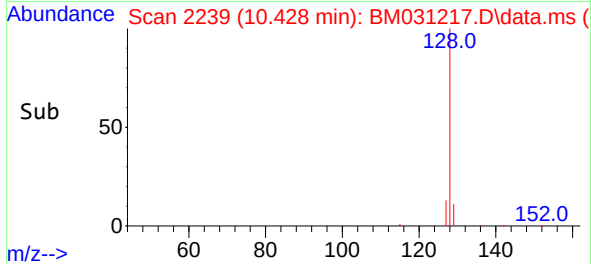


#5
Naphthalene
Concen: 2.001 ng/ul
RT: 10.428 min Scan# 2239
Delta R.T. 0.000 min
Lab File: BM031217.D
Acq: 28 Jul 2021 18:32

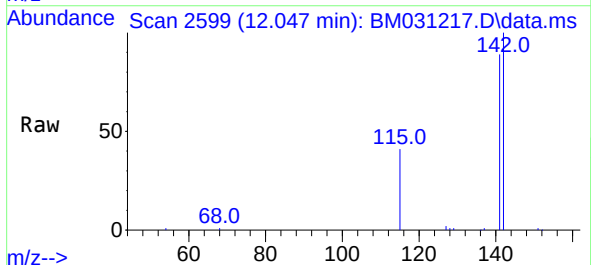


Tgt Ion:128 Resp: 41832

Ion	Ratio	Lower	Upper
128	100		
129	11.3	10.0	15.0
127	13.3	11.6	17.4

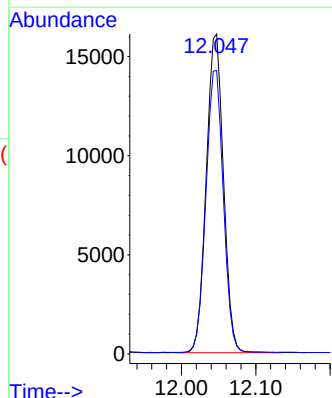
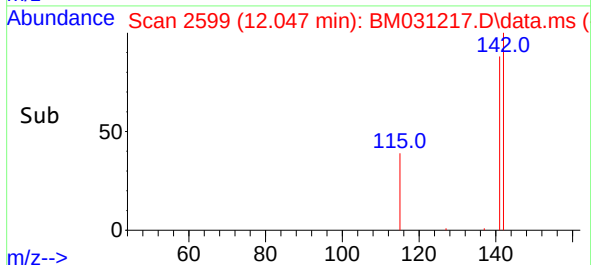


#7
2-Methylnaphthalene
Concen: 1.807 ng/ul
RT: 12.047 min Scan# 2599
Delta R.T. 0.000 min
Lab File: BM031217.D
Acq: 28 Jul 2021 18:32



Tgt Ion:142 Resp: 25806

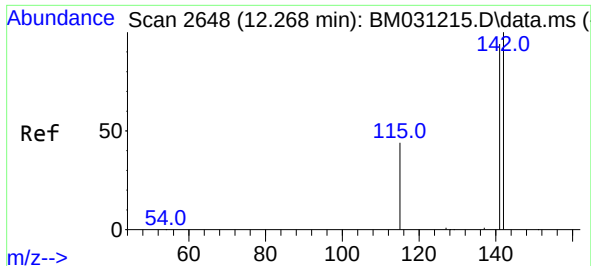
Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.0



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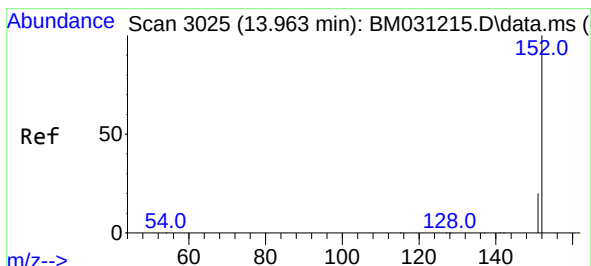
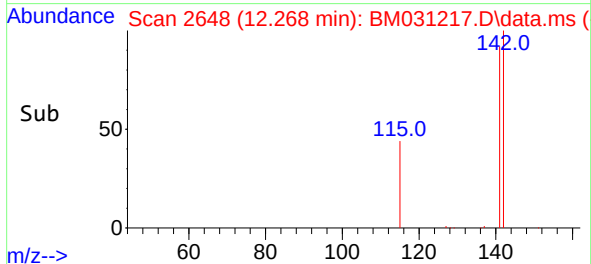
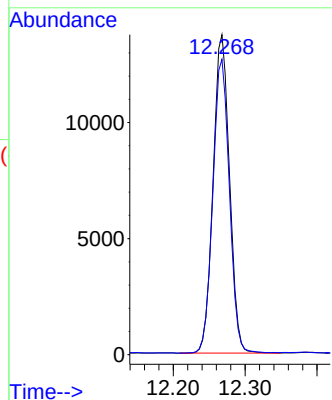
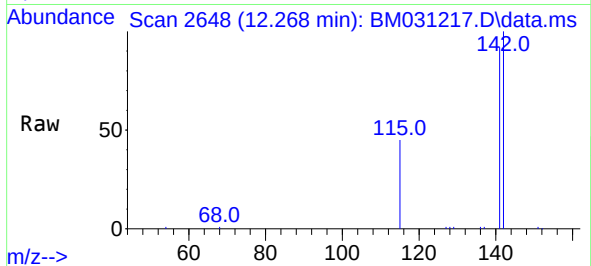
#8
1-Methylnaphthalene
Concen: 1.538 ng/ul
RT: 12.268 min Scan# 2648
Delta R.T. 0.000 min
Lab File: BM031217.D
Acq: 28 Jul 2021 18:32

Tgt Ion:142 Resp: 21712
Ion Ratio Lower Upper
142 100
141 93.2 74.1 111.1

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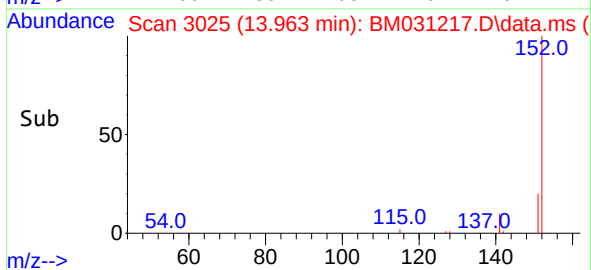
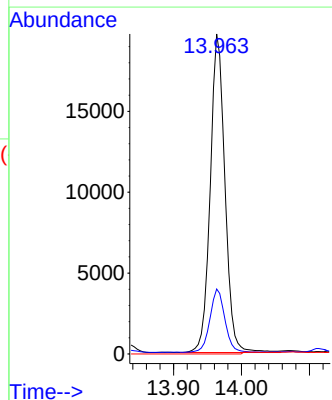
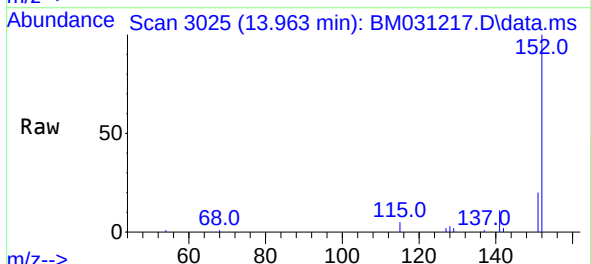
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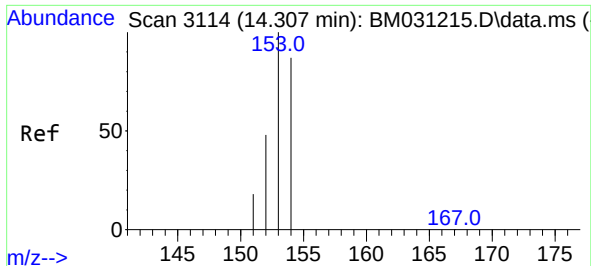
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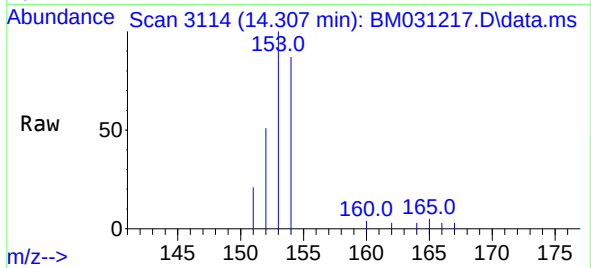
#10
Acenaphthylene
Concen: 1.303 ng/ul
RT: 13.963 min Scan# 3025
Delta R.T. -0.005 min
Lab File: BM031217.D
Acq: 28 Jul 2021 18:32

Tgt Ion:152 Resp: 27821
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 0.0 0.0 0.0

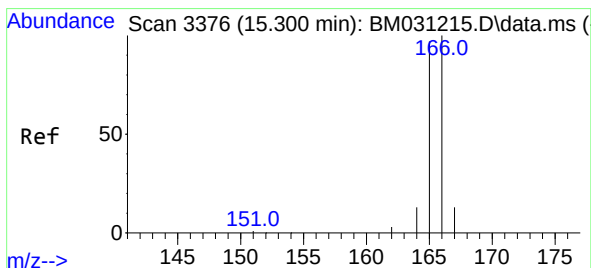
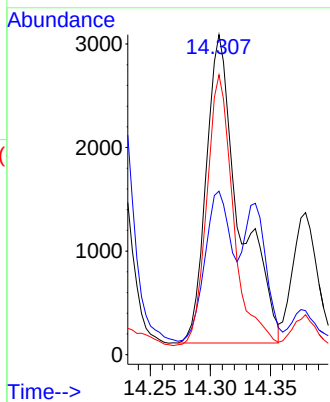
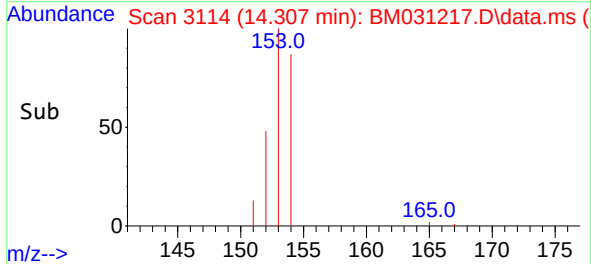




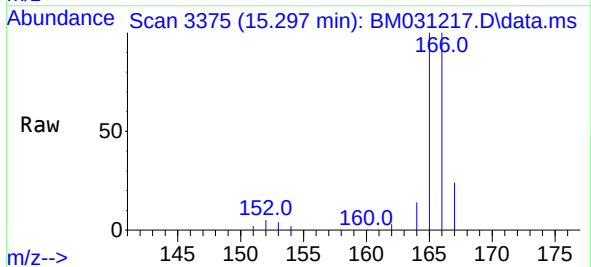
#11
Acenaphthene
Concen: 0.320 ng/ul
RT: 14.307 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM031217.D
Acq: 28 Jul 2021 18:32



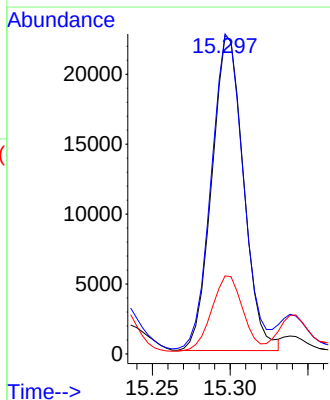
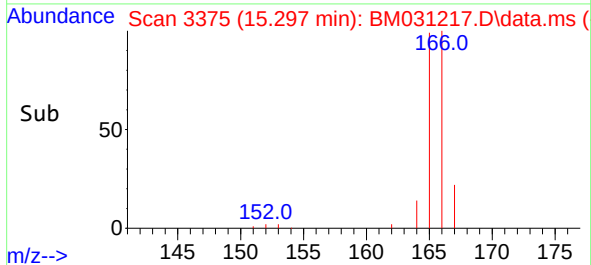
Tgt Ion:153 Resp: 5750
Ion Ratio Lower Upper
153 100
152 51.1 40.7 61.1
154 87.4 70.2 105.2



#12
Fluorene
Concen: 1.542 ng/ul
RT: 15.297 min Scan# 3375
Delta R.T. -0.004 min
Lab File: BM031217.D
Acq: 28 Jul 2021 18:32



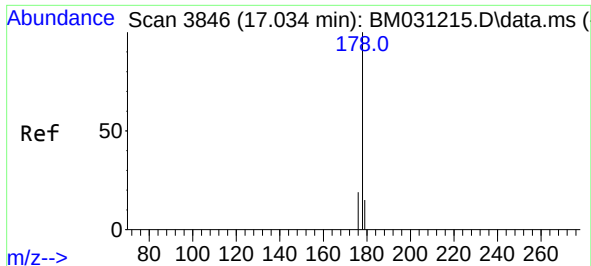
Tgt Ion:166 Resp: 31888
Ion Ratio Lower Upper
166 100
165 100.5 78.0 117.0
167 24.5 12.0 18.0#



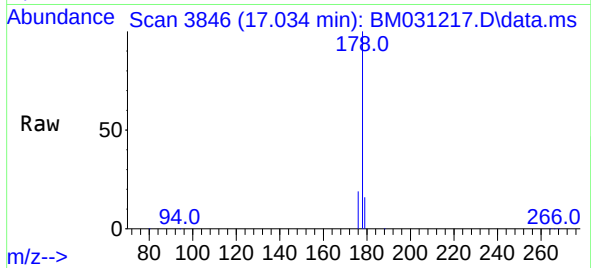
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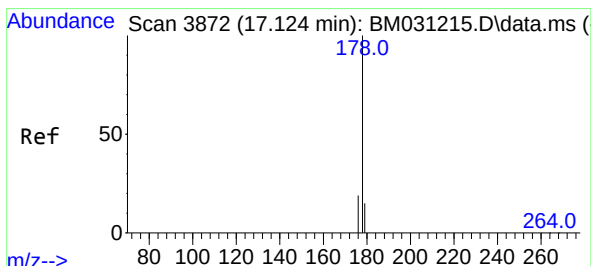
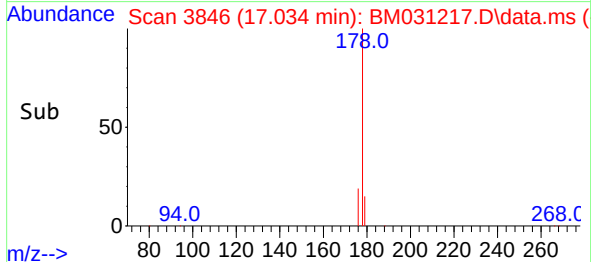
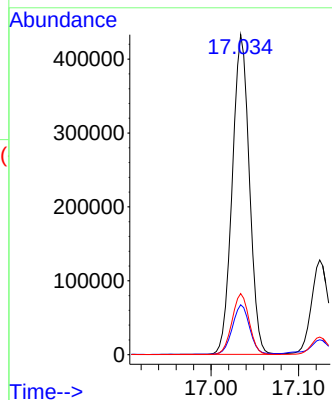
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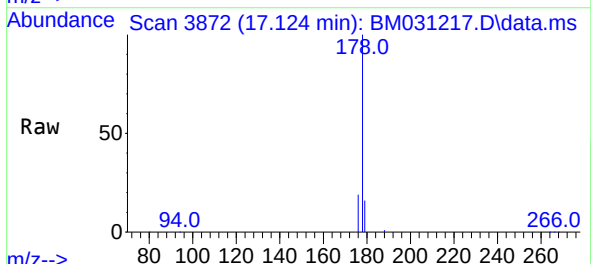
#15
Phenanthrene
Concen: 18.895 ng/u1
RT: 17.034 min Scan# 3846
Delta R.T. 0.000 min
Lab File: BM031217.D
Acq: 28 Jul 2021 18:32



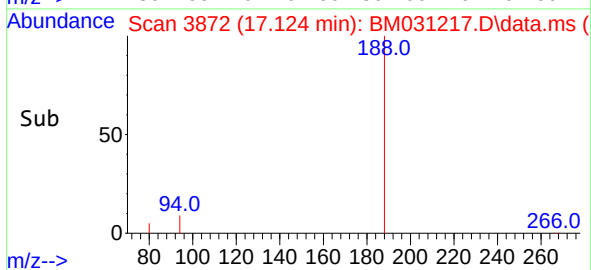
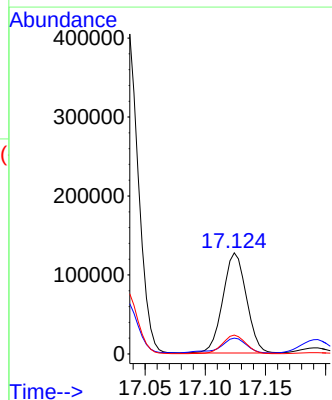
Tgt Ion:178 Resp: 585585
Ion Ratio Lower Upper
178 100
179 15.6 13.3 19.9
176 19.1 16.2 24.4



#16
Anthracene
Concen: 5.935 ng/u1
RT: 17.124 min Scan# 3872
Delta R.T. 0.000 min
Lab File: BM031217.D
Acq: 28 Jul 2021 18:32



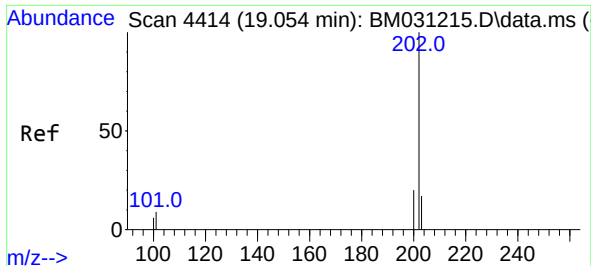
Tgt Ion:178 Resp: 172213
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 18.6 15.6 23.4



Instrument :
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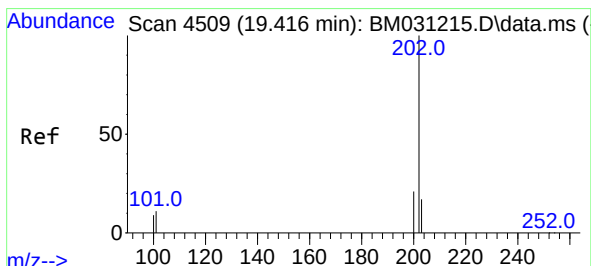
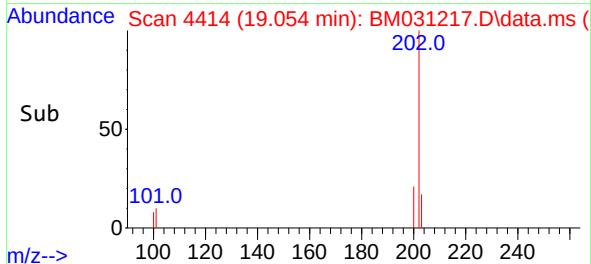
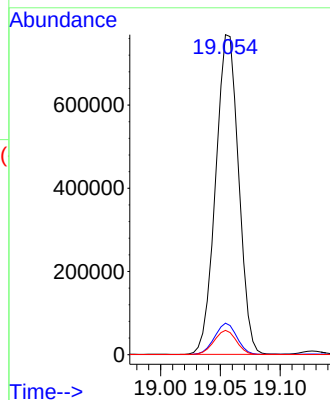
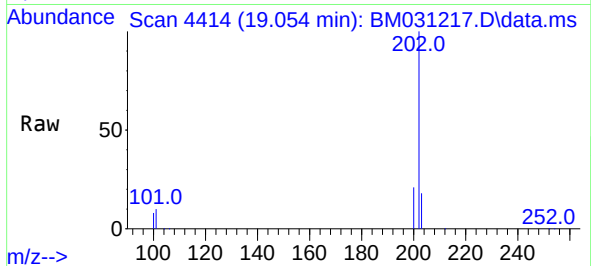
#19
Fluoranthene
Concen: 32.319 ng/ul
RT: 19.054 min Scan# 4414
Delta R.T. 0.000 min
Lab File: BM031217.D
Acq: 28 Jul 2021 18:32

Tgt Ion:202 Resp: 1027844
Ion Ratio Lower Upper
202 100
101 9.8 6.6 10.0
100 7.6 5.4 8.0

Instrument :
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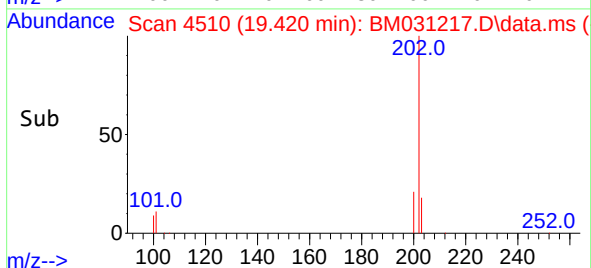
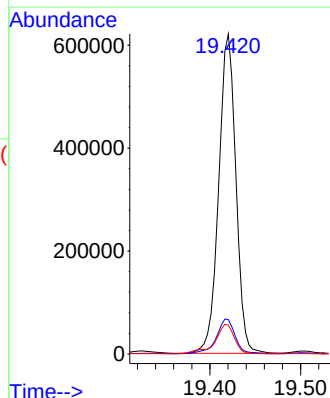
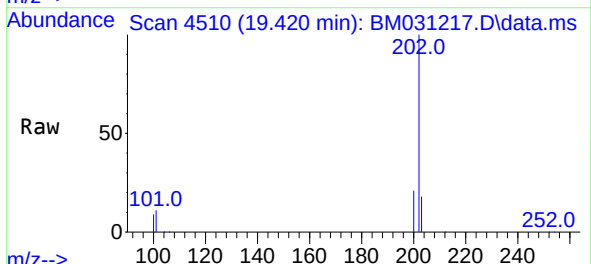
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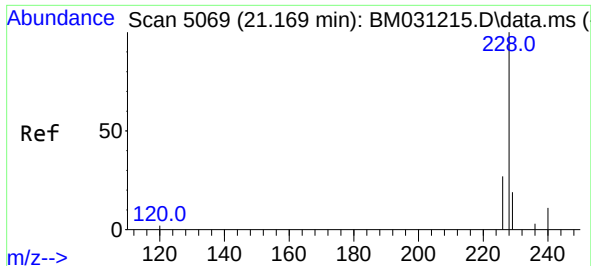
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#20
Pyrene
Concen: 25.333 ng/ul
RT: 19.420 min Scan# 4510
Delta R.T. 0.004 min
Lab File: BM031217.D
Acq: 28 Jul 2021 18:32

Tgt Ion:202 Resp: 817191
Ion Ratio Lower Upper
202 100
101 10.7 7.8 11.6
100 9.0 6.6 10.0





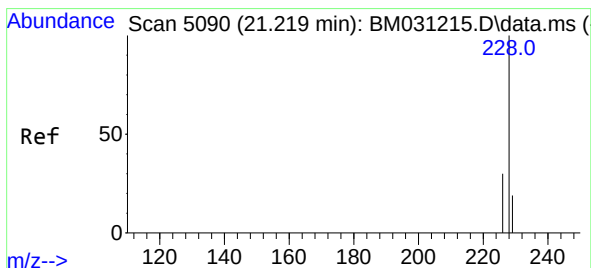
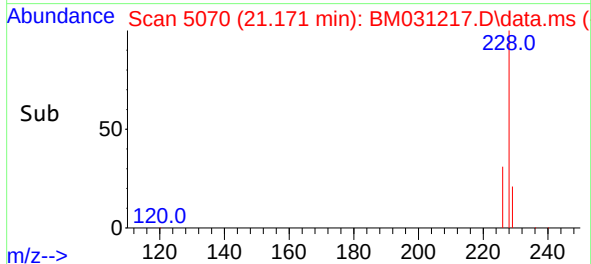
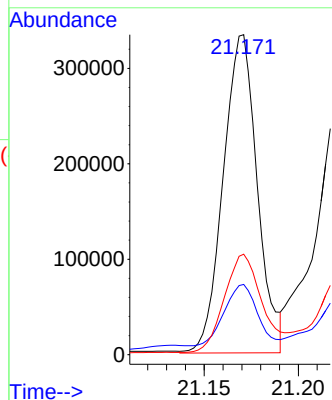
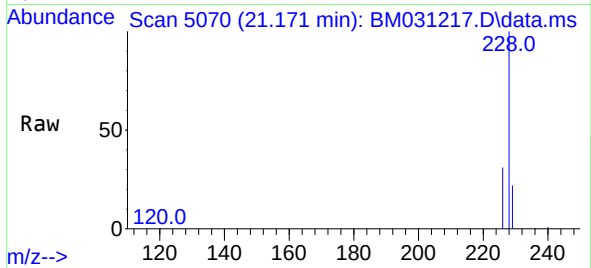
#21
Benzo(a)anthracene
Concen: 13.981 ng/u1
RT: 21.171 min Scan# 5070
Delta R.T. 0.005 min
Lab File: BM031217.D
Acq: 28 Jul 2021 18:32

Tgt Ion:228 Resp: 420489
Ion Ratio Lower Upper
228 100
229 22.0 15.6 23.4
226 31.4 21.7 32.5

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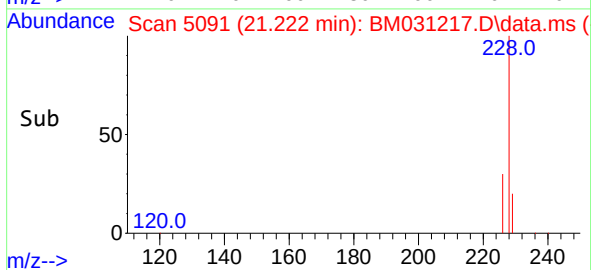
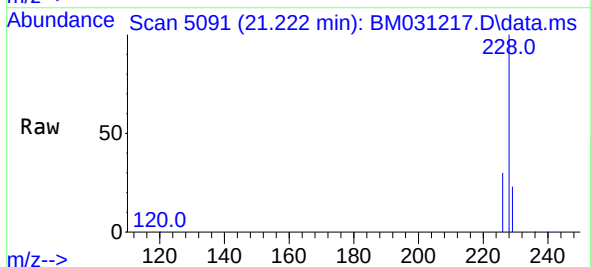
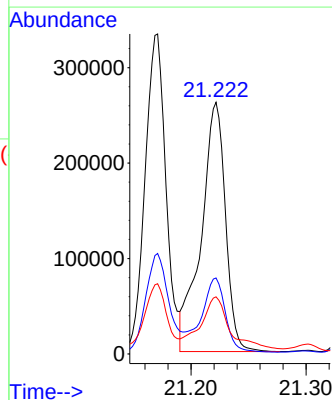
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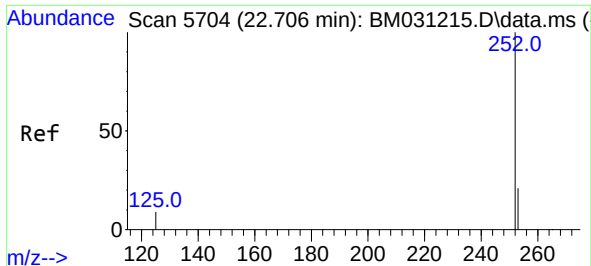
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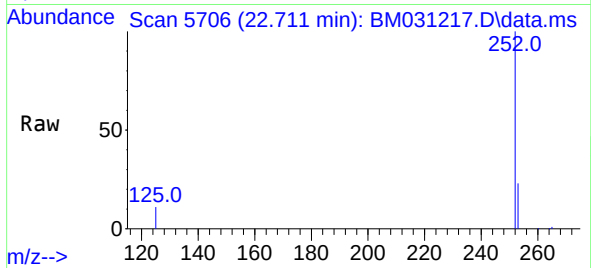
#22
Chrysene
Concen: 12.335 ng/u1
RT: 21.222 min Scan# 5091
Delta R.T. 0.005 min
Lab File: BM031217.D
Acq: 28 Jul 2021 18:32

Tgt Ion:228 Resp: 383821
Ion Ratio Lower Upper
228 100
226 30.2 24.7 37.1
229 22.7 16.2 24.2

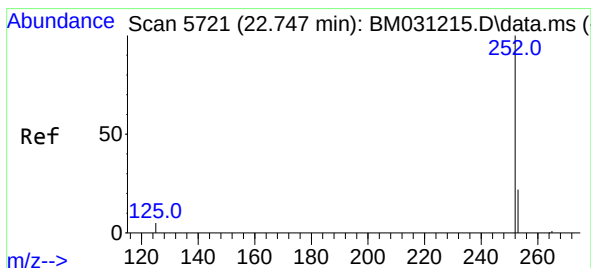
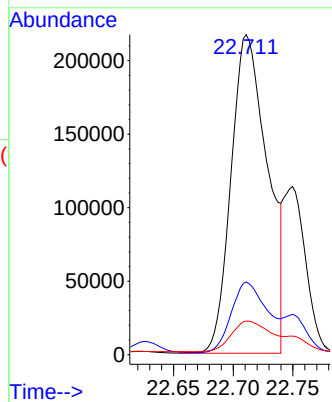
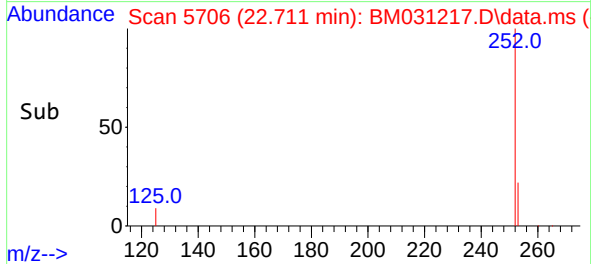




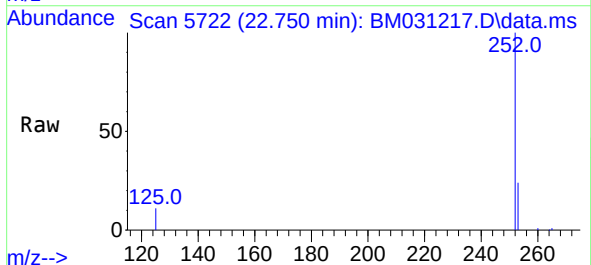
#24
Benzo(b)fluoranthene
Concen: 13.392 ng/ul m
RT: 22.711 min Scan# 5706
Delta R.T. 0.005 min
Lab File: BM031217.D
Acq: 28 Jul 2021 18:32



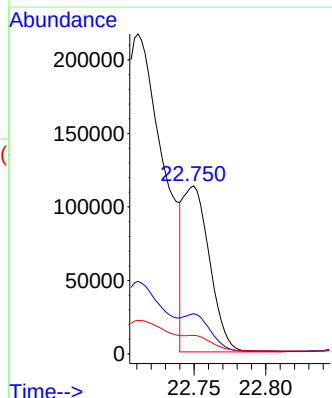
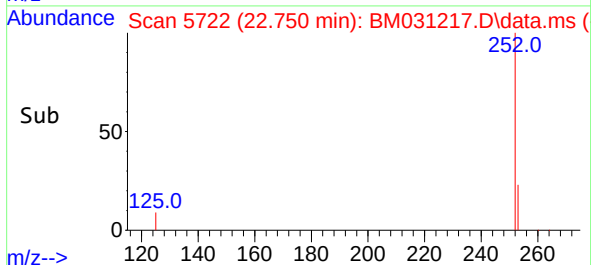
Tgt Ion:252 Resp: 461037
Ion Ratio Lower Upper
252 100
253 22.7 0.0 53.0
125 10.5 0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 4.051 ng/ul m
RT: 22.750 min Scan# 5722
Delta R.T. 0.002 min
Lab File: BM031217.D
Acq: 28 Jul 2021 18:32



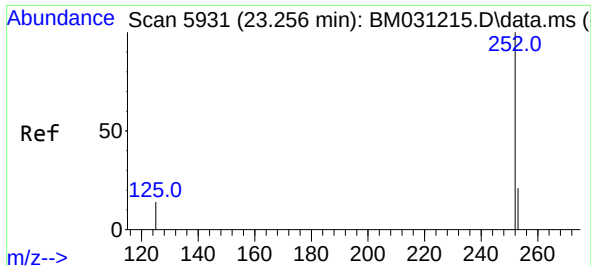
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Ion Ratio Lower Upper
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253 24.0 21.3 31.9
125 11.1 8.8 13.2



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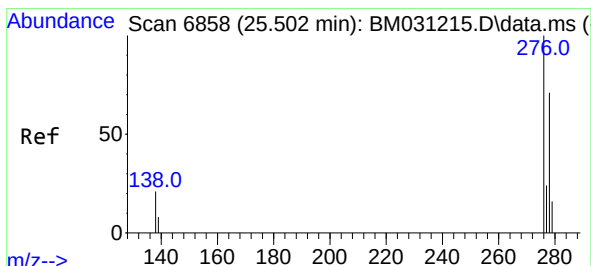
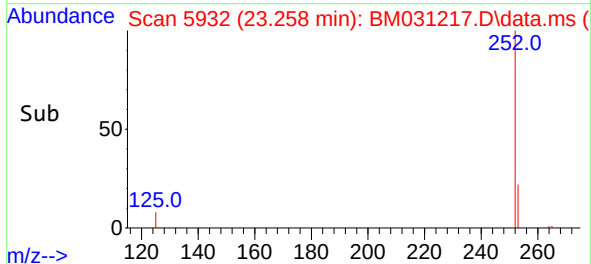
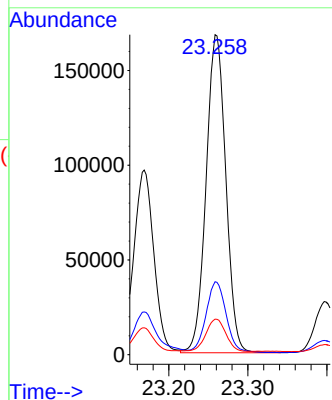
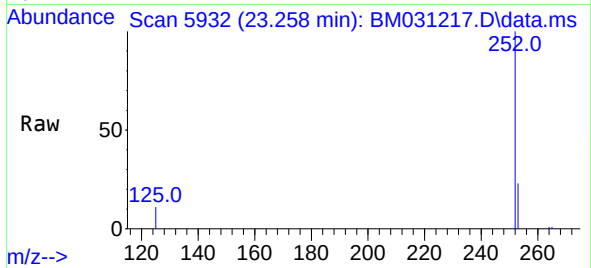
#26
Benzo(a)pyrene
Concen: 9.637 ng/ul m
RT: 23.258 min Scan# 5932
Delta R.T. 0.002 min
Lab File: BM031217.D
Acq: 28 Jul 2021 18:32

Tgt Ion:252 Resp: 290552
Ion Ratio Lower Upper
252 100
253 22.8 22.4 33.6
125 11.1 13.0 19.4#

Instrument :
BNA_M
ClientSampled :
C0007

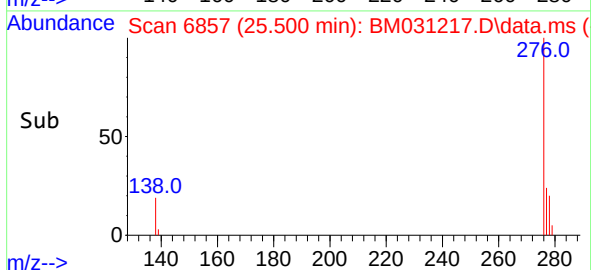
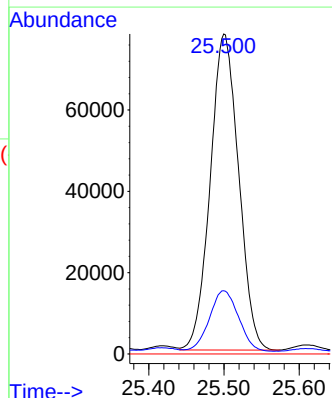
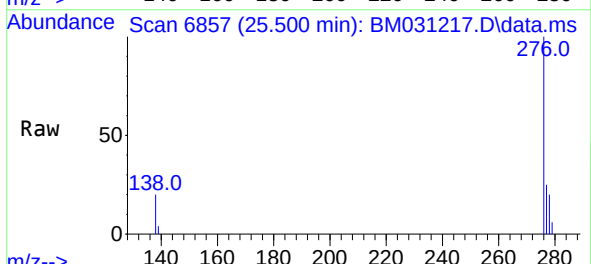
Manual Integrations
APPROVED

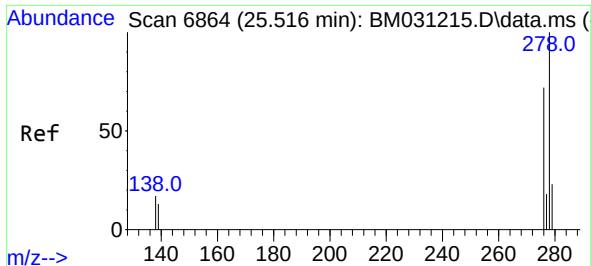
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#27
Indeno(1,2,3-cd)pyrene
Concen: 5.233 ng/ul
RT: 25.500 min Scan# 6857
Delta R.T. 0.002 min
Lab File: BM031217.D
Acq: 28 Jul 2021 18:32

Tgt Ion:276 Resp: 203946
Ion Ratio Lower Upper
276 100
138 19.8 15.8 23.8
227 0.0 0.0 0.0





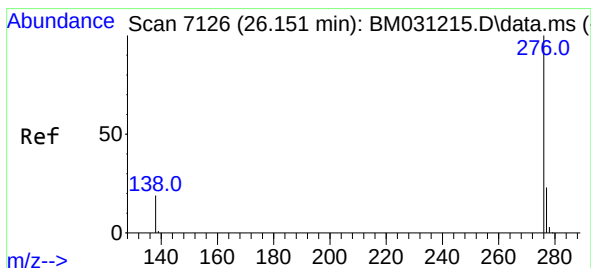
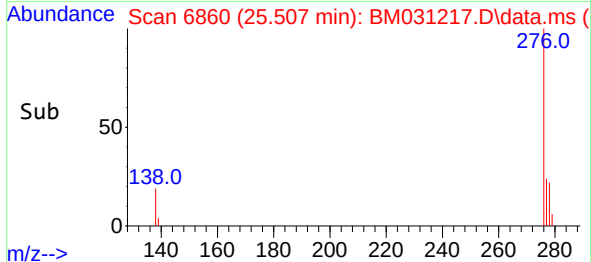
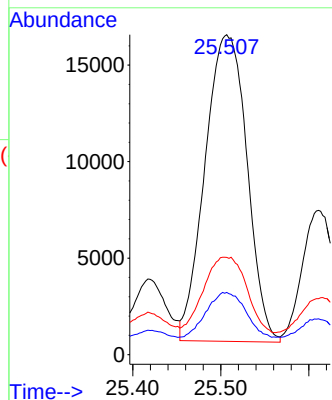
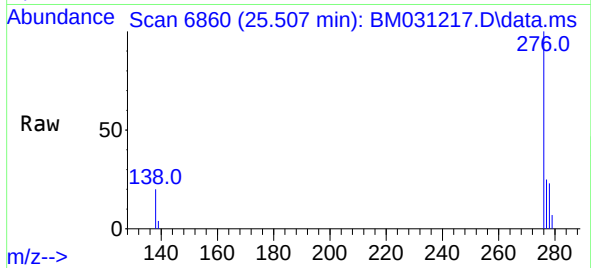
#28
Dibenzo(a,h)anthracene
Concen: 1.679 ng/ul
RT: 25.507 min Scan# 6860
Delta R.T. -0.007 min
Lab File: BM031217.D
Acq: 28 Jul 2021 18:32

Tgt Ion:	278	Resp:	52725
Ion Ratio	Lower	Upper	
278	100		
139	19.4	13.3	19.9
279	30.4	22.8	34.2

Instrument :
BNA_M
ClientSampled :
C0007

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.873 ng/ul
RT: 26.154 min Scan# 7127
Delta R.T. 0.005 min
Lab File: BM031217.D
Acq: 28 Jul 2021 18:32

Tgt Ion:	276	Resp:	29021
Ion Ratio	Lower	Upper	
276	100		
138	23.3	15.4	23.2#
277	27.8	19.9	29.9

