

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
 Data File : BM031223.D
 Acq On : 28 Jul 2021 22:14
 Operator : CG/JU
 Sample : M3082-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0002

Manual Integrations
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Quant Time: Jul 29 03:22:19 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	7.615	152	1917	0.400	ng/ul	0.00
4) Naphthalene-d8	10.379	136	7375	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.247	164	4589	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	8838	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.183	240	6676	0.400	ng/ul	# 0.00
23) Perylene-d12	23.346	264	6046	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.200	96	4879	2.292	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	2122	0.171	ng/ul	0.00
18) Fluoranthene-d10	19.024	212	4475	0.201	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.428	128	49566	2.256	ng/ul	97
7) 2-Methylnaphthalene	12.047	142	16632	1.108	ng/ul	99
8) 1-Methylnaphthalene	12.268	142	5958	0.402	ng/ul	99
10) Acenaphthylene	13.963	152	25017	1.280	ng/ul	99
11) Acenaphthene	14.307	153	2183	0.133	ng/ul	98
12) Fluorene	15.301	166	2104	0.111	ng/ul#	90
15) Phenanthrene	17.034	178	26683	0.951	ng/ul	98
16) Anthracene	17.124	178	13558	0.516	ng/ul	99
19) Fluoranthene	19.054	202	32979	1.157	ng/ul	97
20) Pyrene	19.417	202	29924	1.035	ng/ul#	95
21) Benzo(a)anthracene	21.166	228	22453	0.833	ng/ul#	81
22) Chrysene	21.217	228	25300m	0.907	ng/ul	
24) Benzo(b)fluoranthene	22.704	252	69380m	2.547	ng/ul	
25) Benzo(k)fluoranthene	22.742	252	21876m	0.777	ng/ul	
26) Benzo(a)pyrene	23.254	252	36920	1.548	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.495	276	41610	1.349	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.500	278	11582	0.466	ng/ul#	93
29) Benzo(g,h,i)perylene	26.151	276	6018	0.229	ng/ul#	85

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

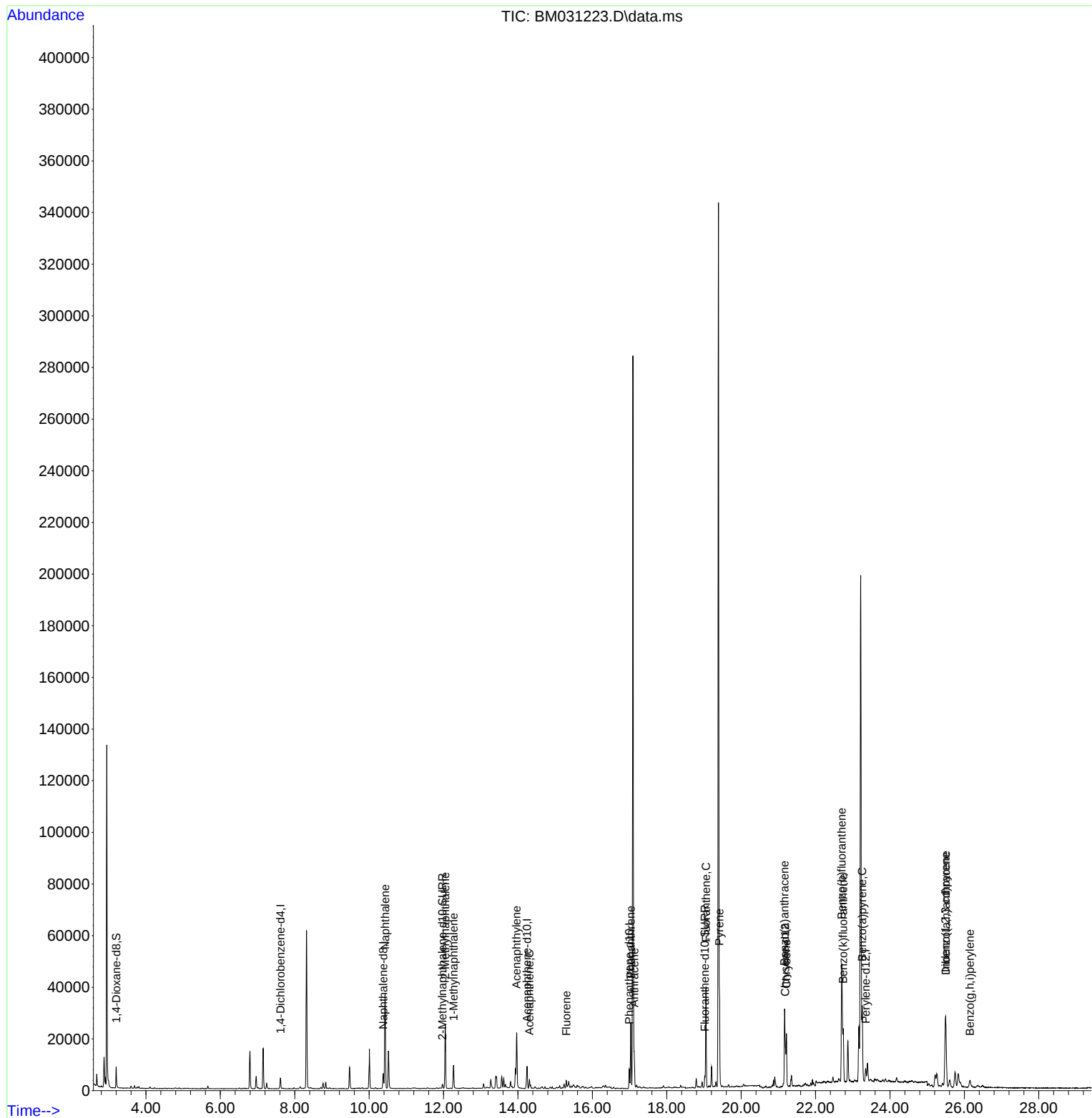
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Data File : BM031223.D
Acq On : 28 Jul 2021 22:14
Operator : CG/JU
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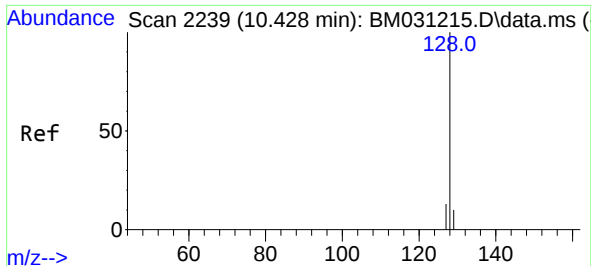
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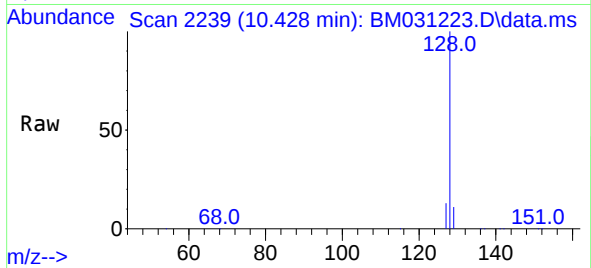
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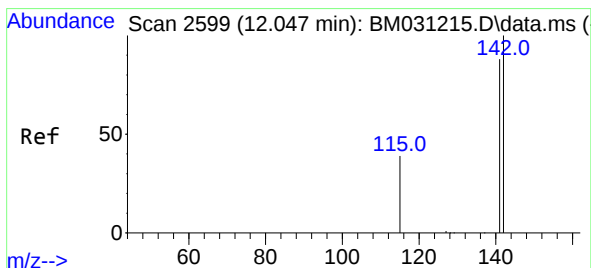
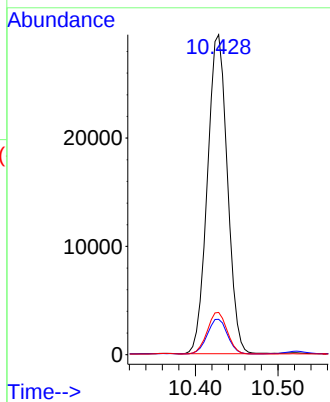
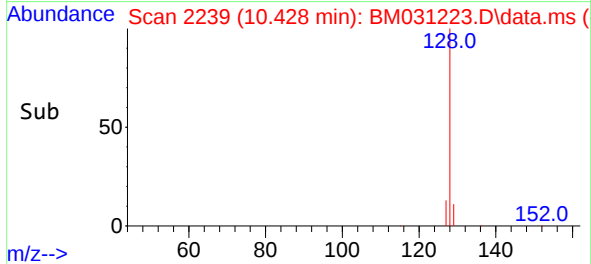


#5
Naphthalene
Concen: 2.256 ng/ul
RT: 10.428 min Scan# 2239
Delta R.T. 0.000 min
Lab File: BM031223.D
Acq: 28 Jul 2021 22:14

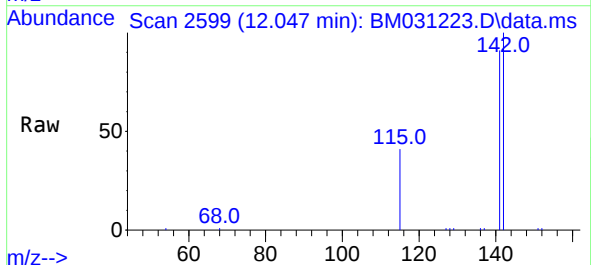


Tgt Ion:128 Resp: 49566

Ion	Ratio	Lower	Upper
128	100		
129	11.1	10.0	15.0
127	13.2	11.6	17.4

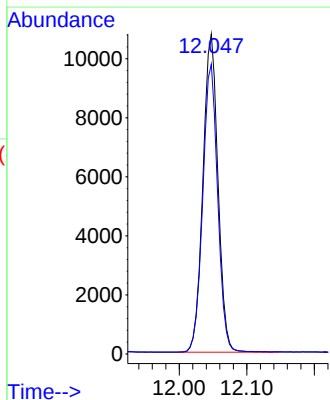
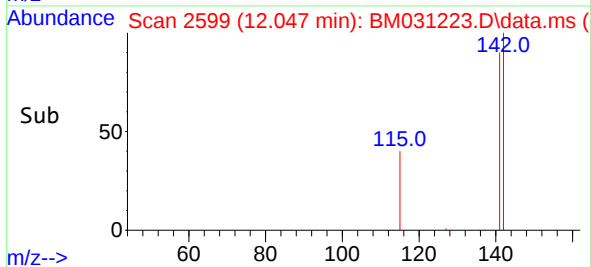


#7
2-Methylnaphthalene
Concen: 1.108 ng/ul
RT: 12.047 min Scan# 2599
Delta R.T. 0.000 min
Lab File: BM031223.D
Acq: 28 Jul 2021 22:14



Tgt Ion:142 Resp: 16632

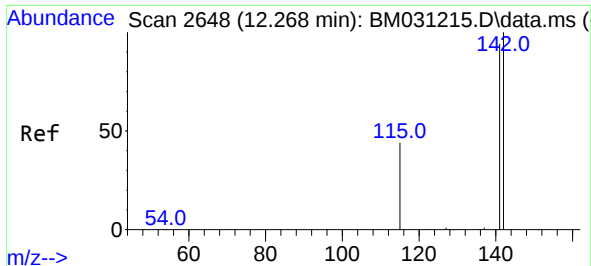
Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.4	107.0



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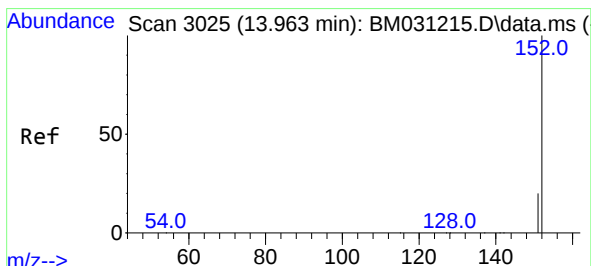
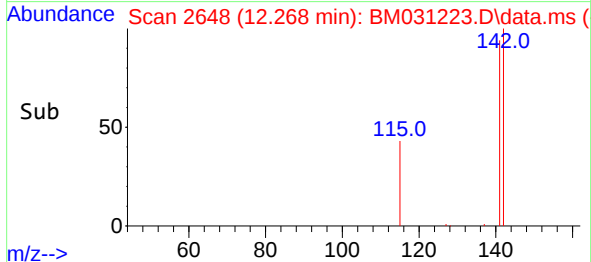
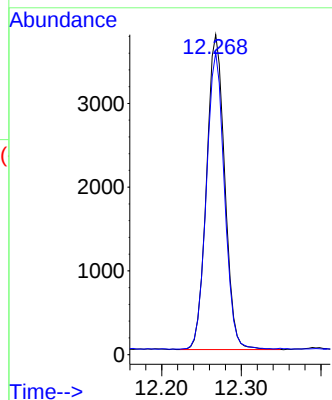
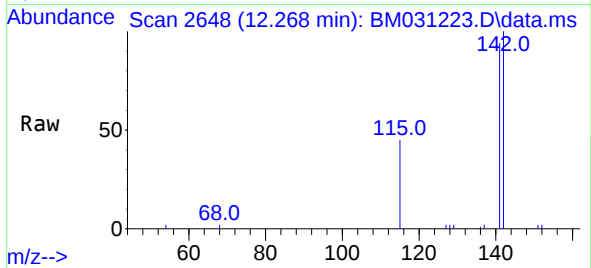
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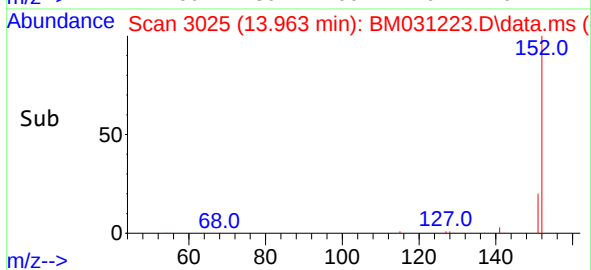
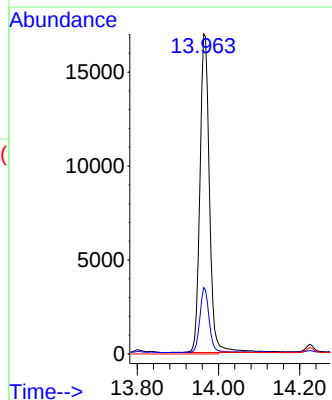
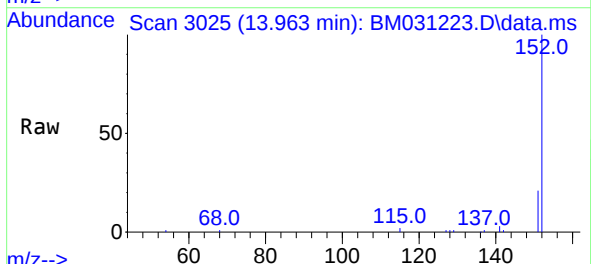
#8
1-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.268 min Scan# 2648
Delta R.T. 0.000 min
Lab File: BM031223.D
Acq: 28 Jul 2021 22:14

Tgt Ion:142 Resp: 5958
Ion Ratio Lower Upper
142 100
141 93.3 74.1 111.1



#10
Acenaphthylene
Concen: 1.280 ng/ul
RT: 13.963 min Scan# 3025
Delta R.T. -0.004 min
Lab File: BM031223.D
Acq: 28 Jul 2021 22:14

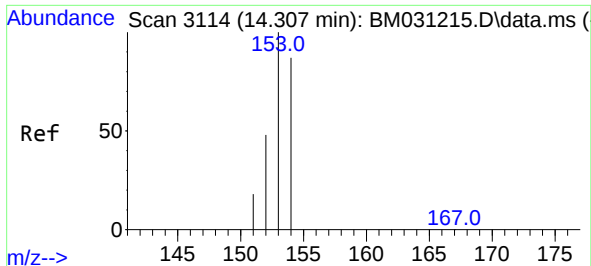
Tgt Ion:152 Resp: 25017
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 0.0 0.0 0.0



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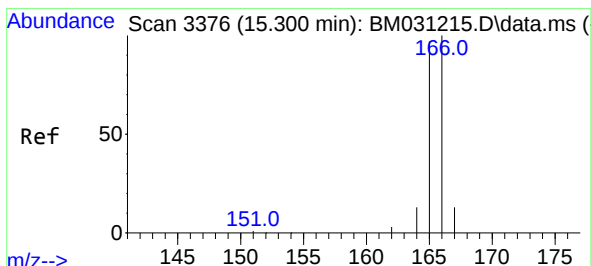
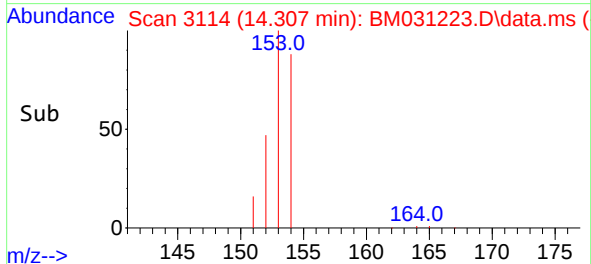
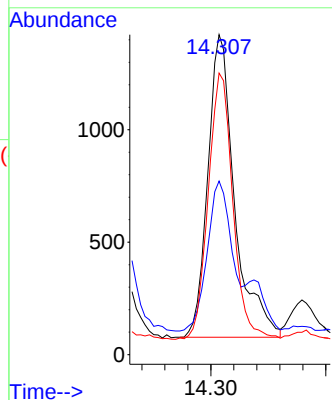
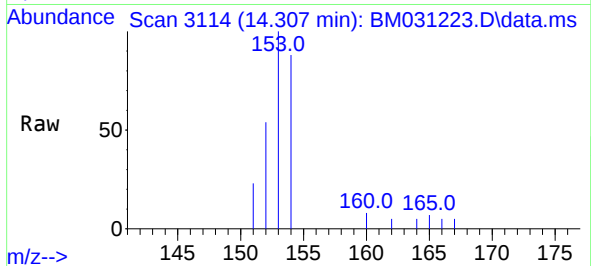
#11
Acenaphthene
Concen: 0.133 ng/ul
RT: 14.307 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM031223.D
Acq: 28 Jul 2021 22:14

Tgt Ion:153 Resp: 2183
Ion Ratio Lower Upper
153 100
152 54.3 40.7 61.1
154 88.0 70.2 105.2

Instrument :
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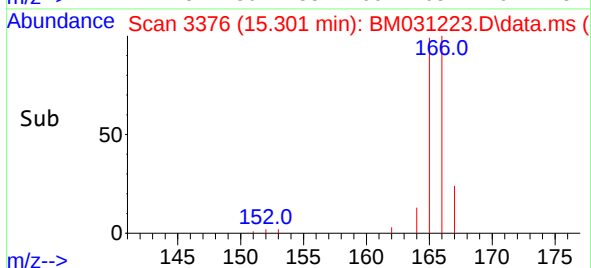
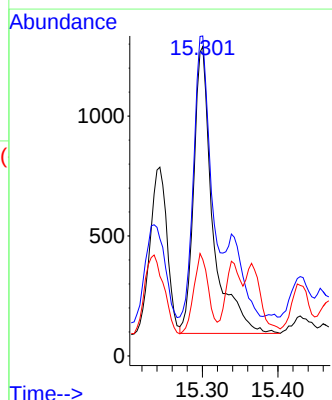
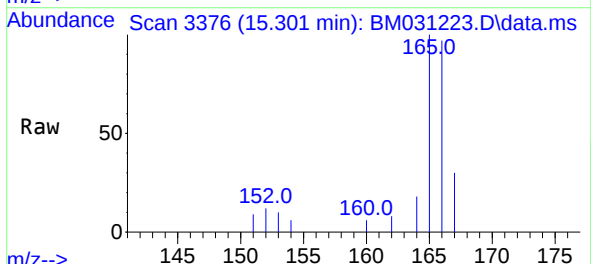
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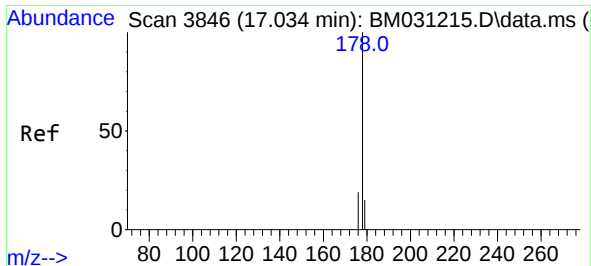
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#12
Fluorene
Concen: 0.111 ng/ul
RT: 15.301 min Scan# 3376
Delta R.T. 0.000 min
Lab File: BM031223.D
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Tgt Ion:166 Resp: 2104
Ion Ratio Lower Upper
166 100
165 103.5 78.0 117.0
167 31.2 12.0 18.0#





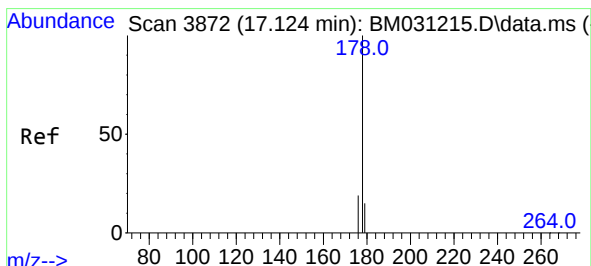
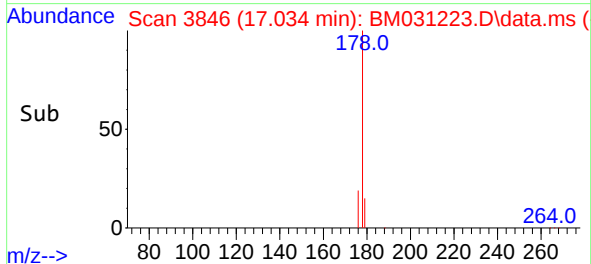
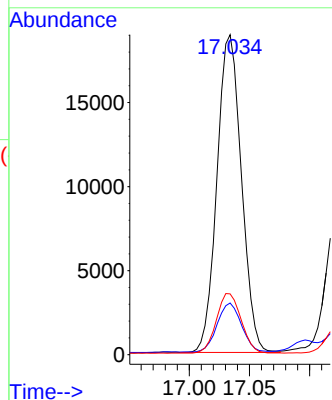
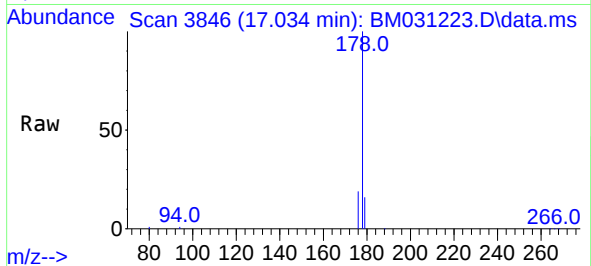
#15
Phenanthrene
Concen: 0.951 ng/u1
RT: 17.034 min Scan# 3846
Delta R.T. 0.000 min
Lab File: BM031223.D
Acq: 28 Jul 2021 22:14

Tgt Ion:	178	Resp:	26683
Ion Ratio	Lower	Upper	
178	100		
179	16.2	13.3	19.9
176	19.0	16.2	24.4

Instrument :
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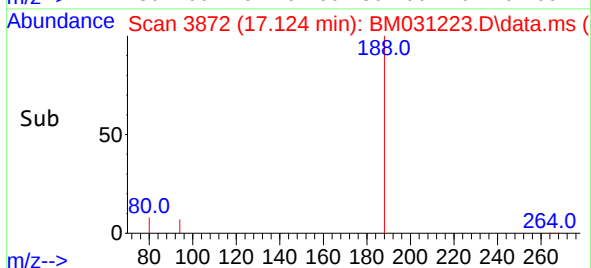
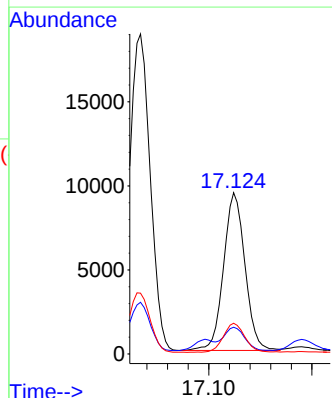
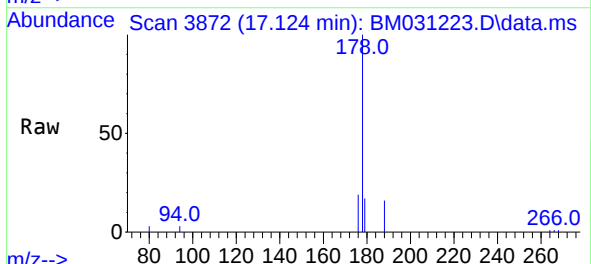
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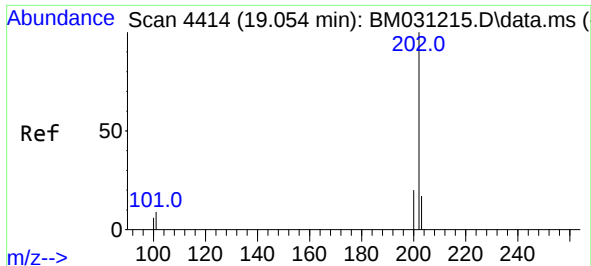
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#16
Anthracene
Concen: 0.516 ng/u1
RT: 17.124 min Scan# 3872
Delta R.T. 0.000 min
Lab File: BM031223.D
Acq: 28 Jul 2021 22:14

Tgt Ion:	178	Resp:	13558
Ion Ratio	Lower	Upper	
178	100		
179	16.6	13.0	19.6
176	19.0	15.6	23.4





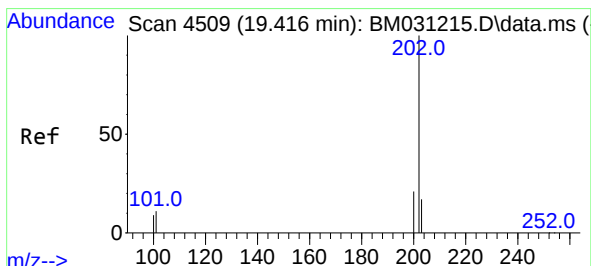
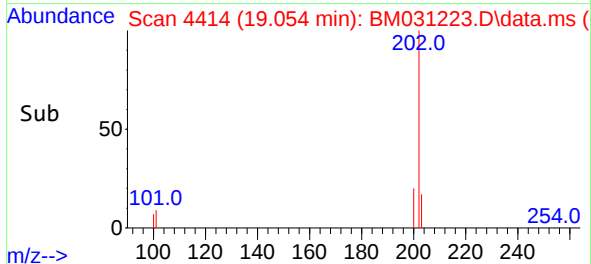
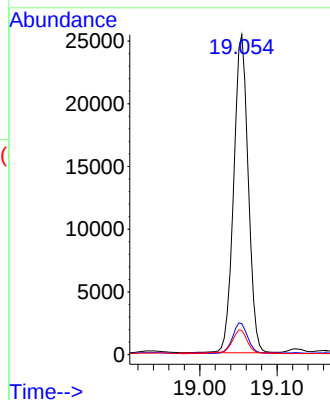
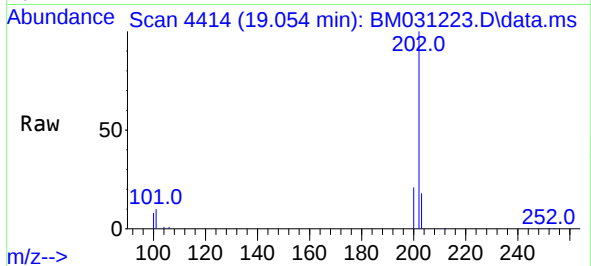
#19
Fluoranthene
Concen: 1.157 ng/ul
RT: 19.054 min Scan# 4414
Delta R.T. 0.000 min
Lab File: BM031223.D
Acq: 28 Jul 2021 22:14

Tgt Ion:	202	Resp:	32979
Ion Ratio	Lower	Upper	
202	100		
101	9.7	6.6	10.0
100	7.6	5.4	8.0

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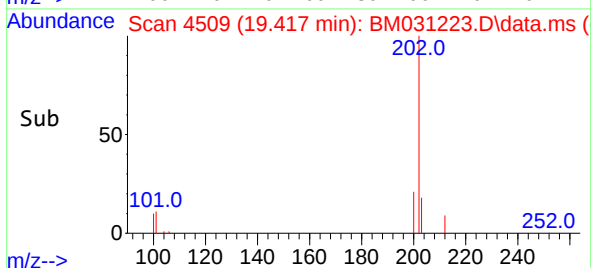
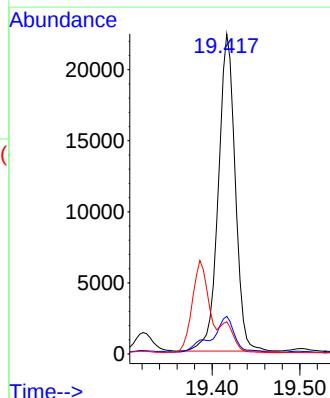
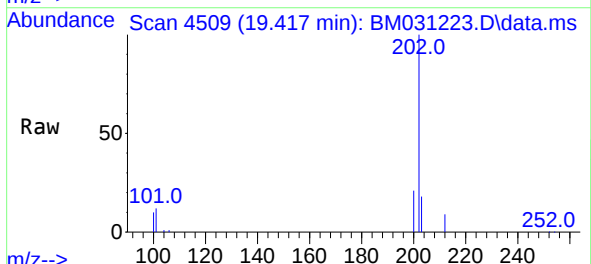
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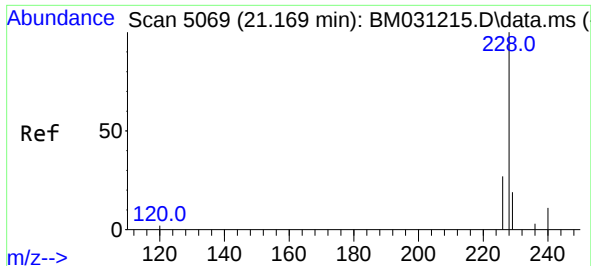
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#20
Pyrene
Concen: 1.035 ng/ul
RT: 19.417 min Scan# 4509
Delta R.T. 0.000 min
Lab File: BM031223.D
Acq: 28 Jul 2021 22:14

Tgt Ion:	202	Resp:	29924
Ion Ratio	Lower	Upper	
202	100		
101	11.7	7.8	11.6#
100	10.0	6.6	10.0#





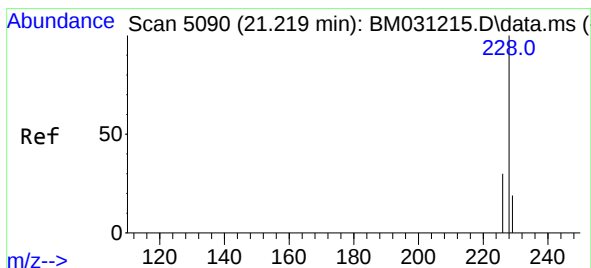
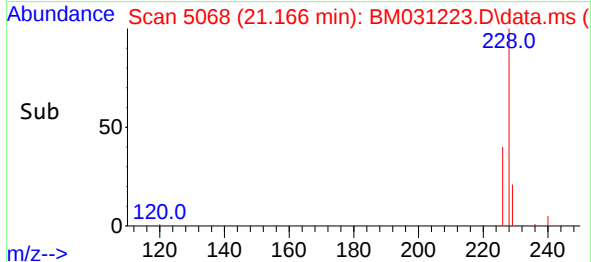
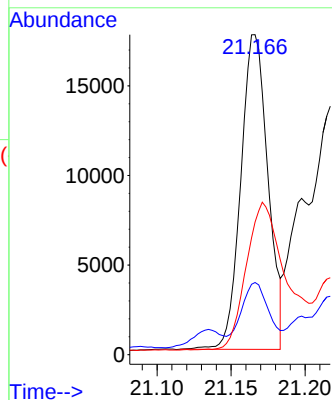
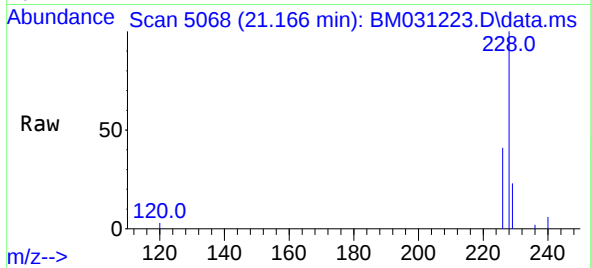
#21
Benzo(a)anthracene
Concen: 0.833 ng/ul
RT: 21.166 min Scan# 5068
Delta R.T. 0.000 min
Lab File: BM031223.D
Acq: 28 Jul 2021 22:14

Tgt Ion:228 Resp: 22453
Ion Ratio Lower Upper
228 100
229 22.6 15.6 23.4
226 41.4 21.7 32.5#

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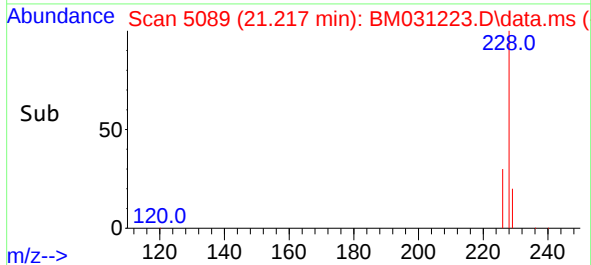
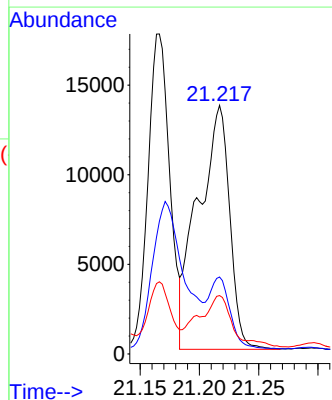
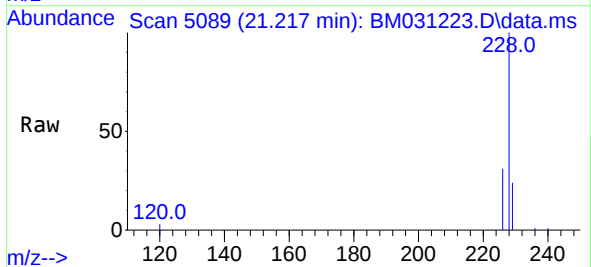
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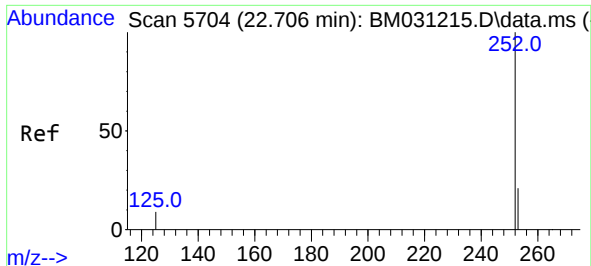
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#22
Chrysene
Concen: 0.907 ng/ul m
RT: 21.217 min Scan# 5089
Delta R.T. 0.000 min
Lab File: BM031223.D
Acq: 28 Jul 2021 22:14

Tgt Ion:228 Resp: 25300
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 23.5 16.2 24.2





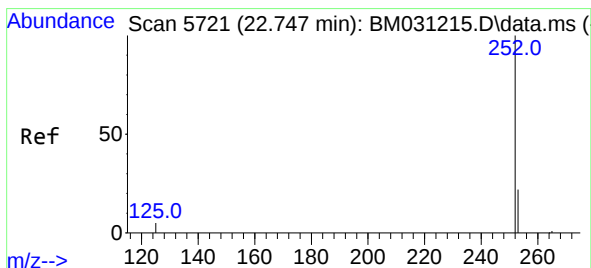
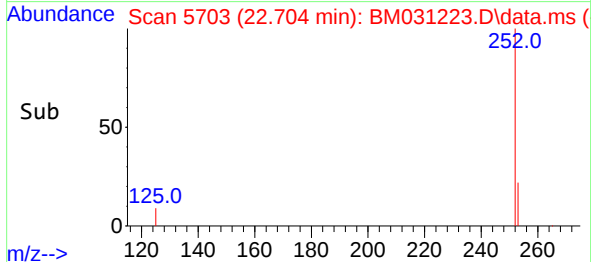
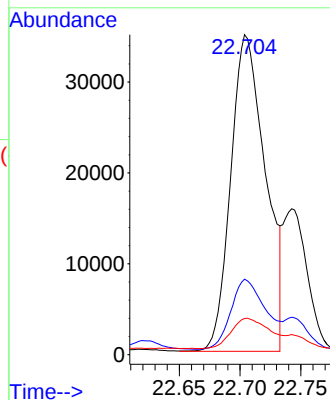
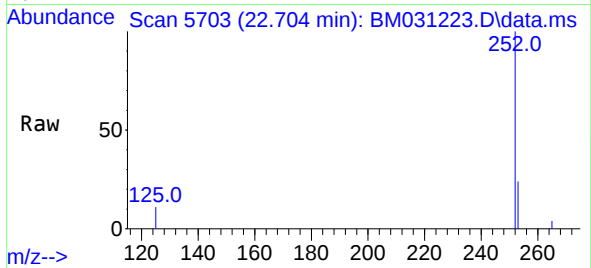
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Benzo(b)fluoranthene
Concen: 2.547 ng/ul m
RT: 22.704 min Scan# 5703
Delta R.T. -0.002 min
Lab File: BM031223.D
Acq: 28 Jul 2021 22:14

Tgt Ion:252	Resp:	69380
Ion Ratio	Lower	Upper
252	100	
253	23.6	0.0 53.0
125	11.3	0.0 22.8

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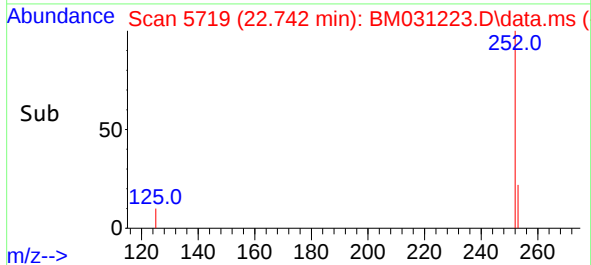
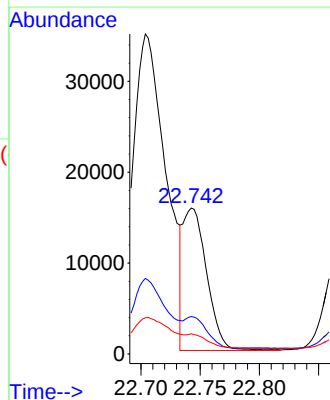
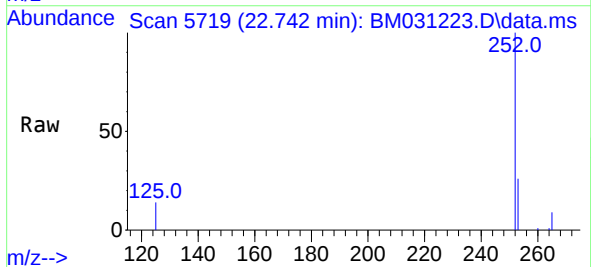
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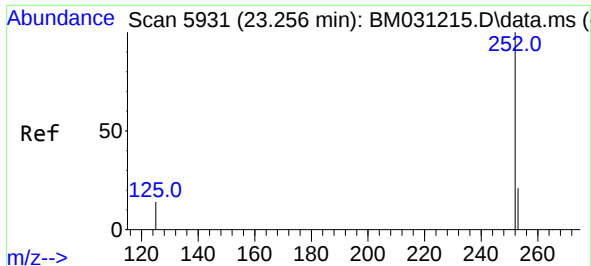
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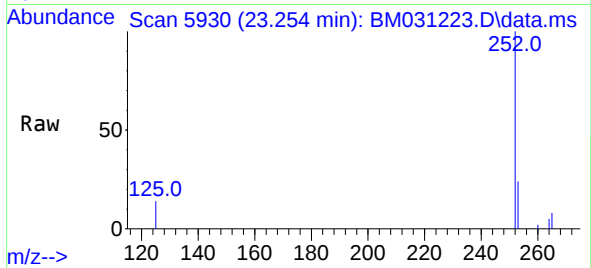
#25
Benzo(k)fluoranthene
Concen: 0.777 ng/ul m
RT: 22.742 min Scan# 5719
Delta R.T. -0.005 min
Lab File: BM031223.D
Acq: 28 Jul 2021 22:14

Tgt Ion:252	Resp:	21876
Ion Ratio	Lower	Upper
252	100	
253	25.7	21.3 31.9
125	13.8	8.8 13.2#

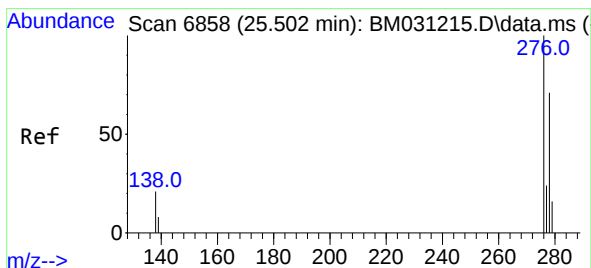
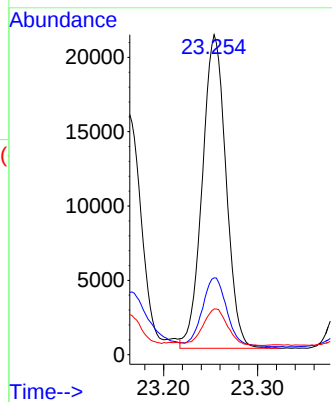
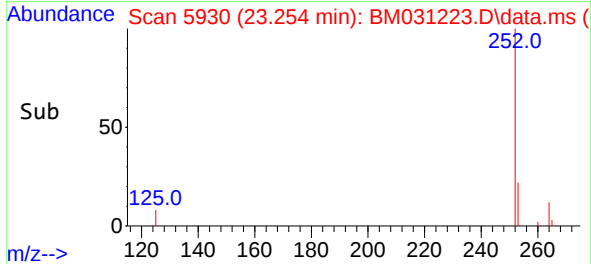




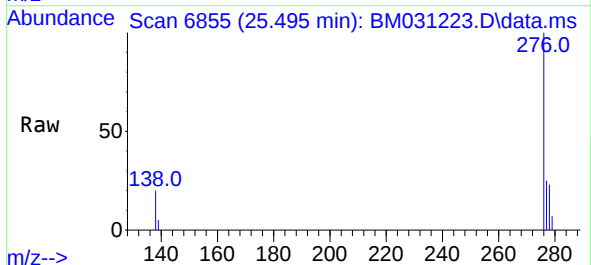
#26
Benzo(a)pyrene
Concen: 1.548 ng/ul
RT: 23.254 min Scan# 5930
Delta R.T. -0.002 min
Lab File: BM031223.D
Acq: 28 Jul 2021 22:14



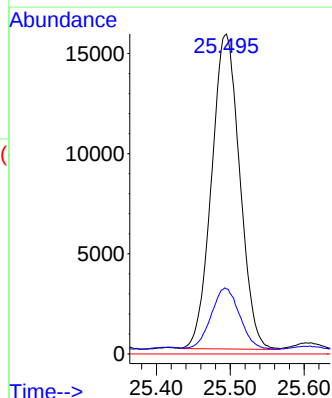
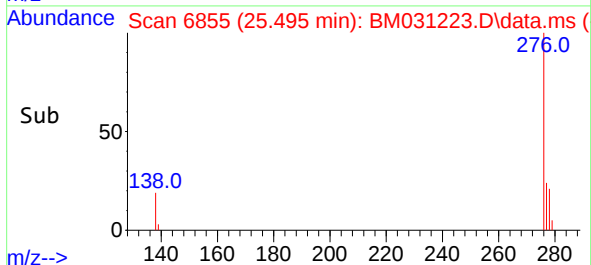
Tgt Ion:252 Resp: 36920
Ion Ratio Lower Upper
252 100
253 24.0 22.4 33.6
125 14.3 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.349 ng/ul
RT: 25.495 min Scan# 6855
Delta R.T. -0.002 min
Lab File: BM031223.D
Acq: 28 Jul 2021 22:14



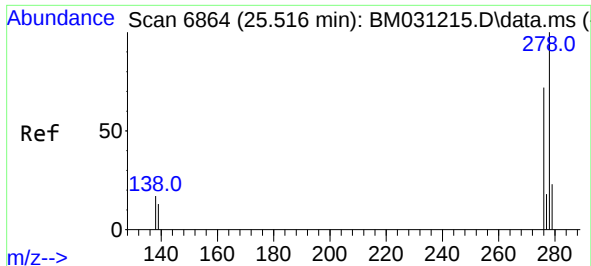
Tgt Ion:276 Resp: 41610
Ion Ratio Lower Upper
276 100
138 20.0 15.8 23.8
227 0.0 0.0 0.0



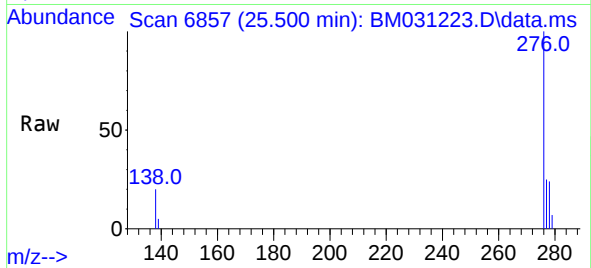
Instrument :
BNA_M
ClientSampled :
C0002

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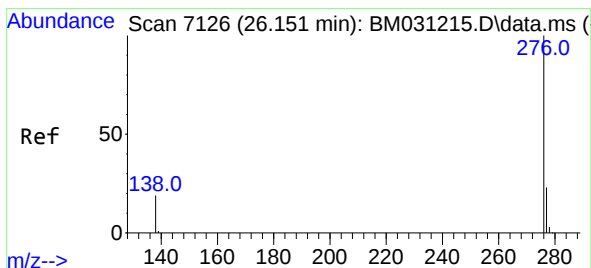
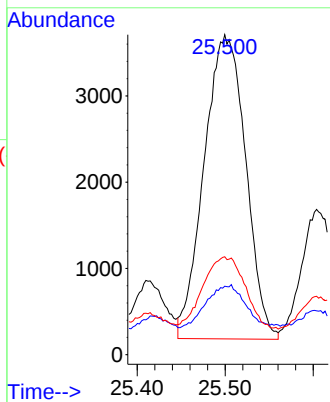
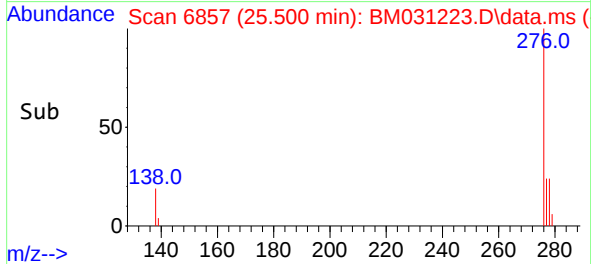
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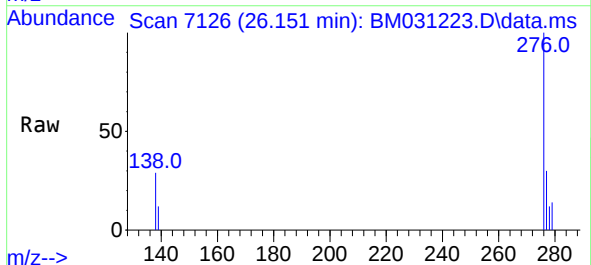
#28
Dibenzo(a,h)anthracene
Concen: 0.466 ng/ul
RT: 25.500 min Scan# 6857
Delta R.T. -0.014 min
Lab File: BM031223.D
Acq: 28 Jul 2021 22:14



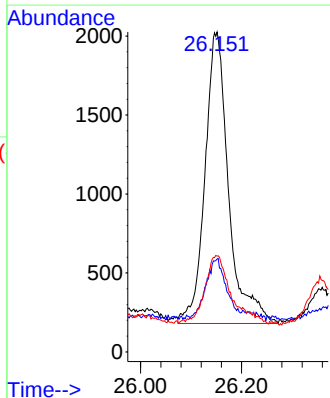
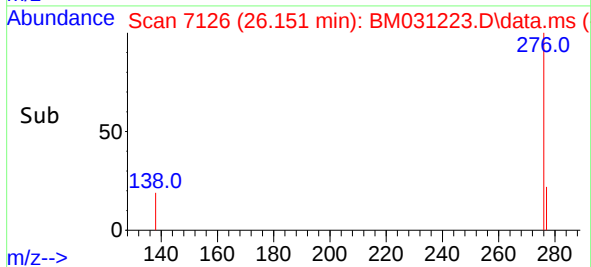
Tgt Ion: 278 Resp: 11582
Ion Ratio Lower Upper
278 100
139 21.4 13.3 19.9#
279 30.6 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.229 ng/ul
RT: 26.151 min Scan# 7126
Delta R.T. 0.003 min
Lab File: BM031223.D
Acq: 28 Jul 2021 22:14



Tgt Ion: 276 Resp: 6018
Ion Ratio Lower Upper
276 100
138 29.0 15.4 23.2#
277 30.0 19.9 29.9#



Instrument :
BNA_M
ClientSampled :
C0002

Manual Integrations
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