

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
 Data File : BM031220.D
 Acq On : 28 Jul 2021 20:23
 Operator : CG/JU
 Sample : M3082-16
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0014

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Quant Time: Jul 29 03:21:50 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	2095	0.400	ng/ul	0.00
4) Naphthalene-d8	10.379	136	8193	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.243	164	5270	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	9914	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.181	240	7160	0.400	ng/ul	# 0.00
23) Perylene-d12	23.348	264	6566	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	4362	1.875	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	2010	0.146	ng/ul	0.00
18) Fluoranthene-d10	19.024	212	4188	0.175	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.428	128	20984	0.860	ng/ul	98
7) 2-Methylnaphthalene	12.043	142	17686	1.061	ng/ul	99
8) 1-Methylnaphthalene	12.268	142	9442	0.573	ng/ul	100
10) Acenaphthylene	13.968	152	11064	0.493	ng/ul	99
11) Acenaphthene	14.307	153	1490m	0.079	ng/ul	
12) Fluorene	15.300	166	2421	0.111	ng/ul#	83
15) Phenanthrene	17.034	178	96195	3.056	ng/ul	97
16) Anthracene	17.124	178	12130	0.412	ng/ul	99
19) Fluoranthene	19.054	202	137958	4.512	ng/ul	97
20) Pyrene	19.416	202	95942	3.094	ng/ul	97
21) Benzo(a)anthracene	21.166	228	58081	2.009	ng/ul	93
22) Chrysene	21.217	228	80468	2.690	ng/ul	97
24) Benzo(b)fluoranthene	22.706	252	101512m	3.431	ng/ul	
25) Benzo(k)fluoranthene	22.742	252	29776m	0.974	ng/ul	
26) Benzo(a)pyrene	23.253	252	35974	1.389	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.495	276	43398	1.296	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.499	278	14138	0.524	ng/ul#	89
29) Benzo(g,h,i)perylene	26.149	276	2907	0.102	ng/ul#	63

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

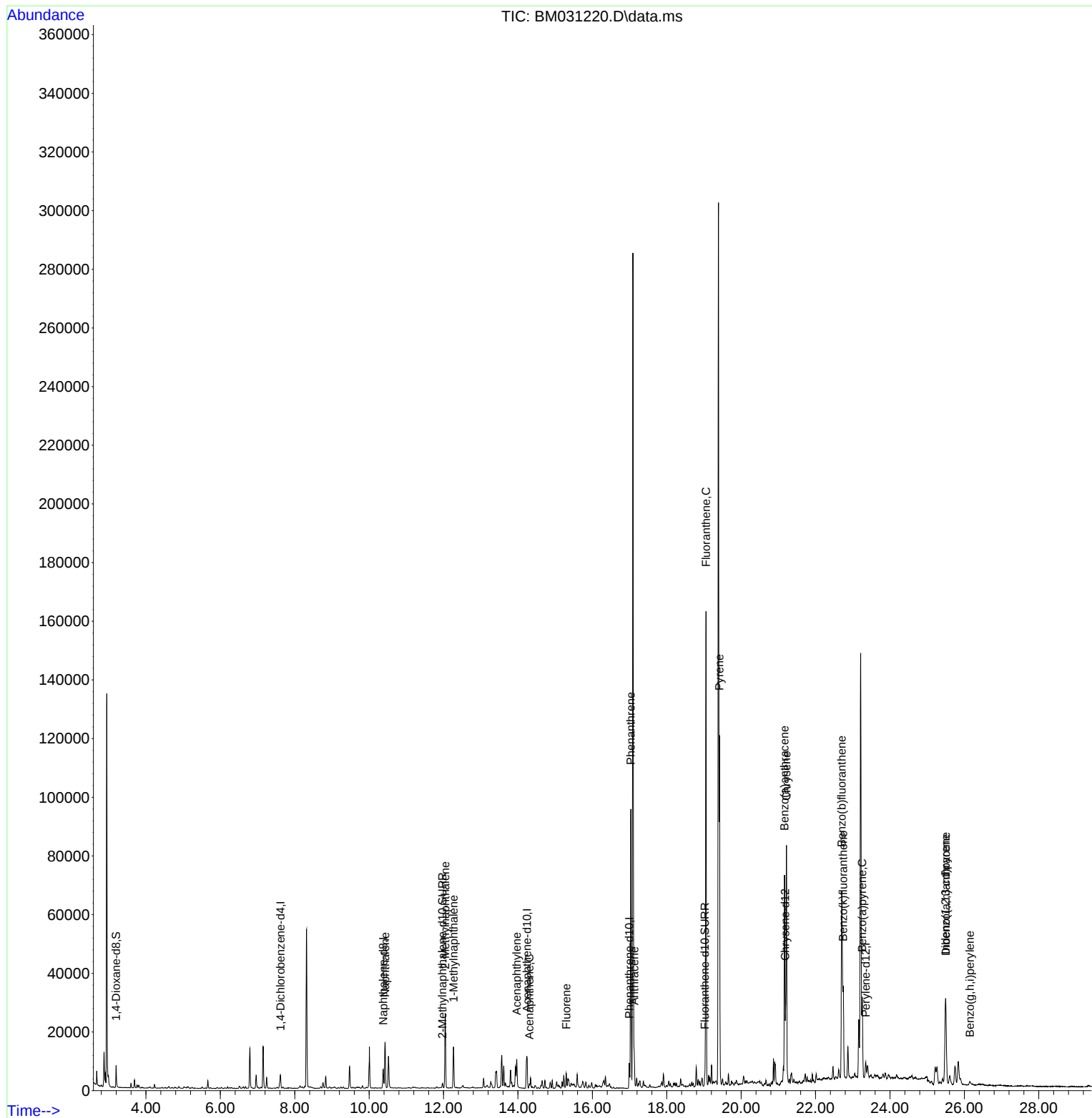
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Data File : BM031220.D
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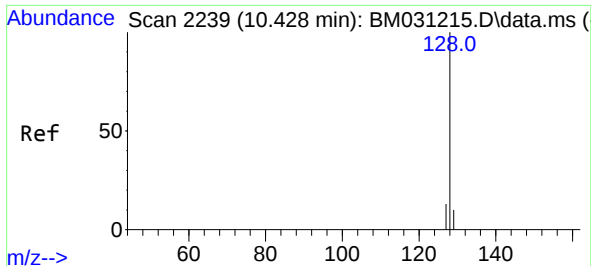
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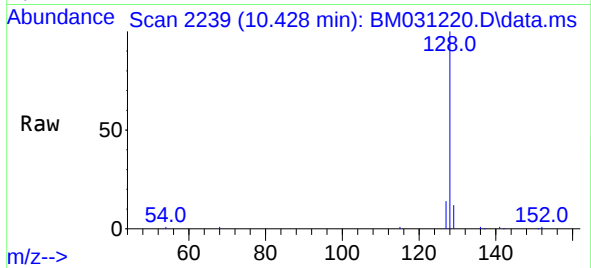
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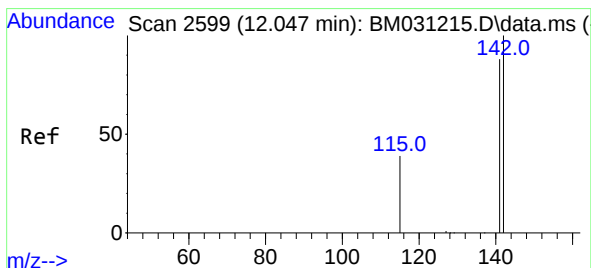
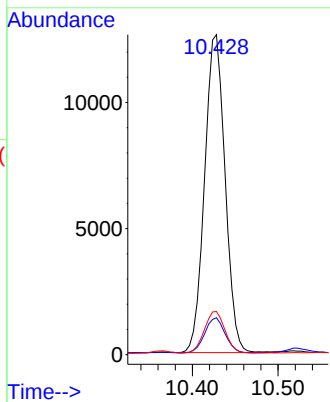
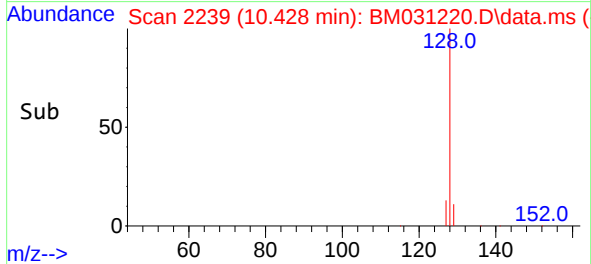


#5
Naphthalene
Concen: 0.860 ng/ul
RT: 10.428 min Scan# 2239
Delta R.T. -0.000 min
Lab File: BM031220.D
Acq: 28 Jul 2021 20:23

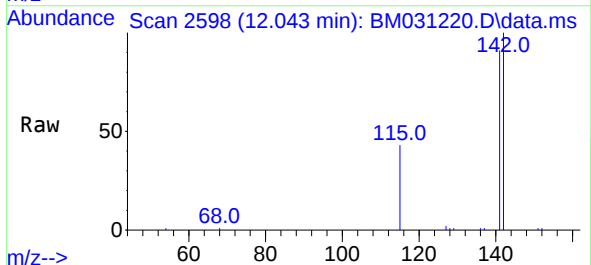


Tgt Ion:128 Resp: 20984

Ion	Ratio	Lower	Upper
128	100		
129	11.6	10.0	15.0
127	13.5	11.6	17.4

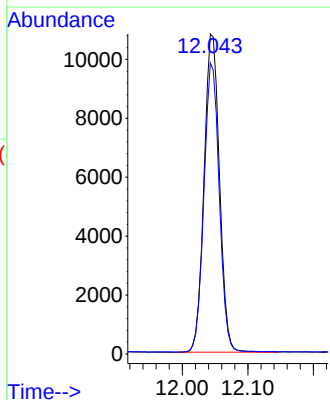
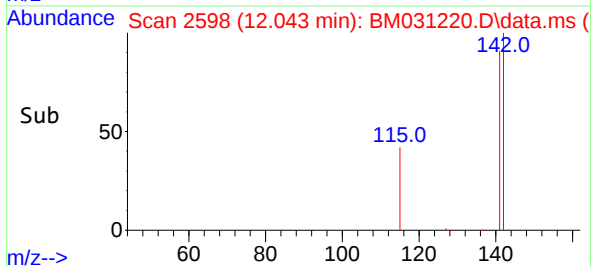


#7
2-Methylnaphthalene
Concen: 1.061 ng/ul
RT: 12.043 min Scan# 2598
Delta R.T. -0.005 min
Lab File: BM031220.D
Acq: 28 Jul 2021 20:23



Tgt Ion:142 Resp: 17686

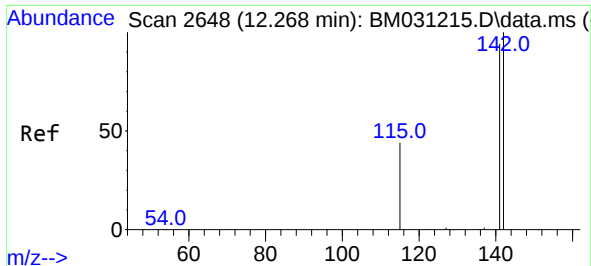
Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.4	107.0



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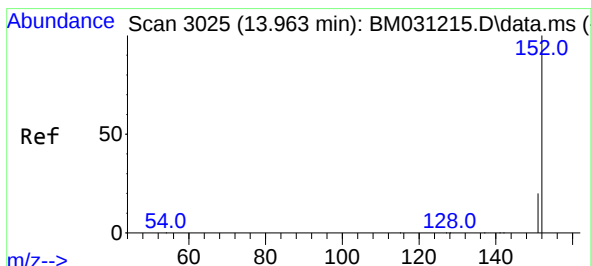
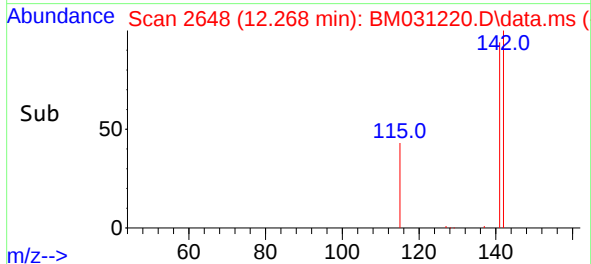
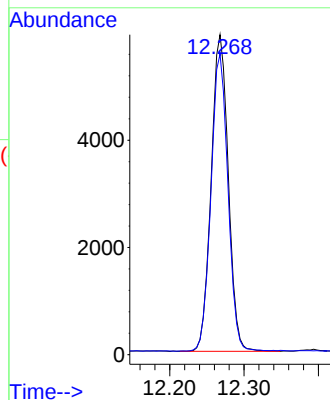
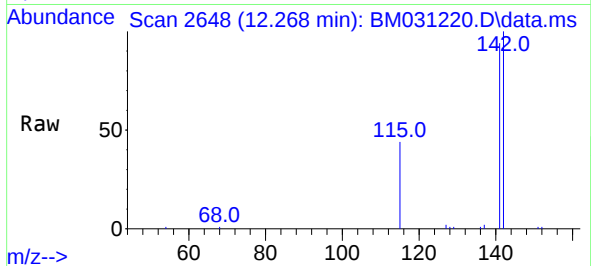
#8
1-Methylnaphthalene
Concen: 0.573 ng/ul
RT: 12.268 min Scan# 2648
Delta R.T. -0.000 min
Lab File: BM031220.D
Acq: 28 Jul 2021 20:23

Tgt Ion:142 Resp: 9442
Ion Ratio Lower Upper
142 100
141 92.8 74.1 111.1

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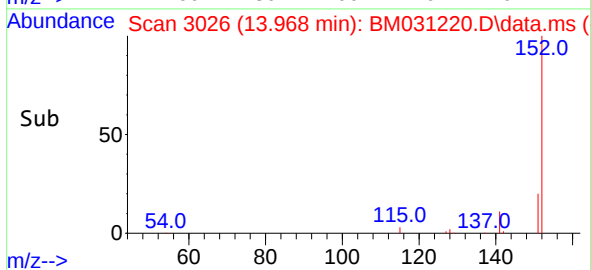
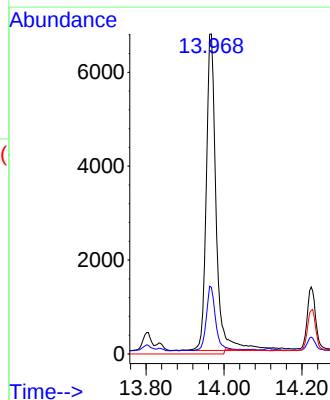
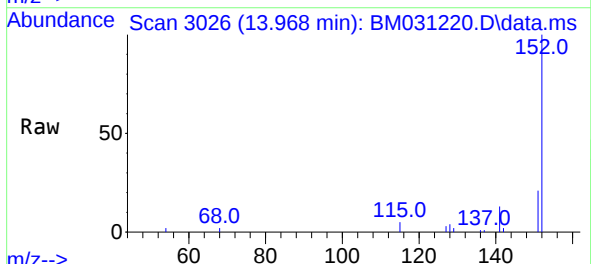
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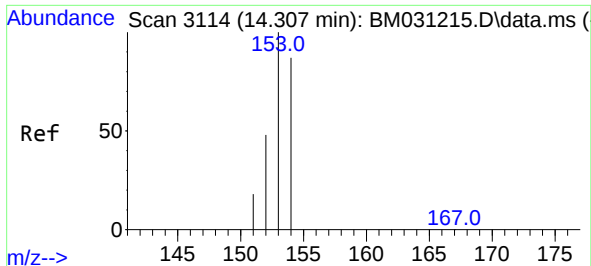
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#10
Acenaphthylene
Concen: 0.493 ng/ul
RT: 13.968 min Scan# 3026
Delta R.T. -0.000 min
Lab File: BM031220.D
Acq: 28 Jul 2021 20:23

Tgt Ion:152 Resp: 11064
Ion Ratio Lower Upper
152 100
151 20.8 16.9 25.3
153 0.0 0.0 0.0





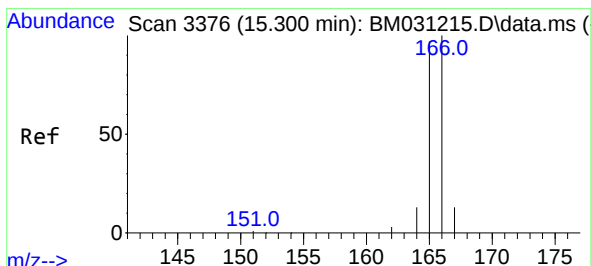
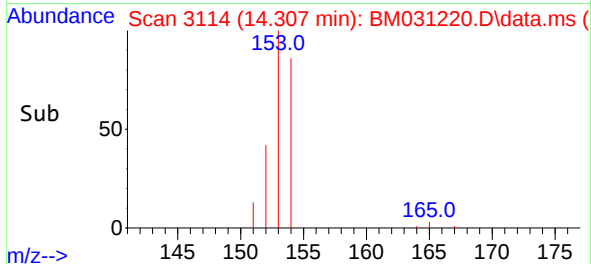
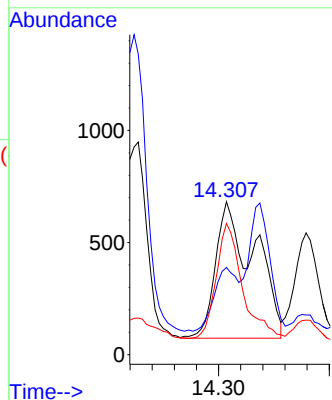
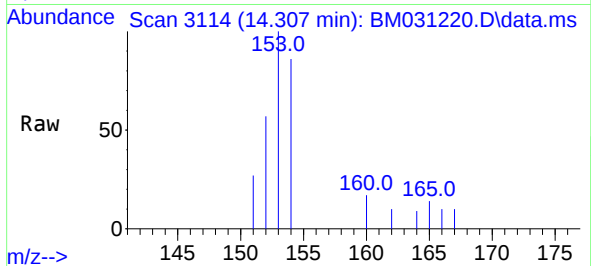
#11
Acenaphthene
Concen: 0.079 ng/ul m
RT: 14.307 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM031220.D
Acq: 28 Jul 2021 20:23

Tgt Ion:153 Resp: 1490
Ion Ratio Lower Upper
153 100
152 57.0 40.7 61.1
154 85.8 70.2 105.2

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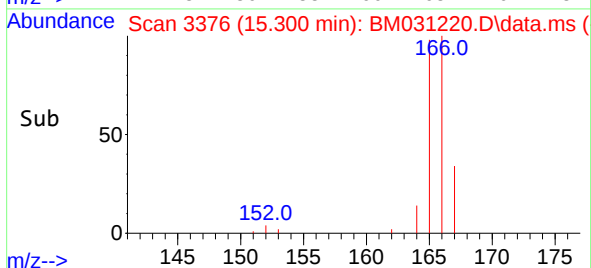
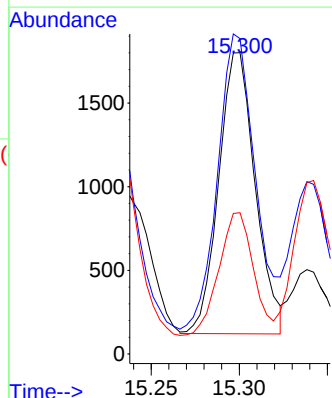
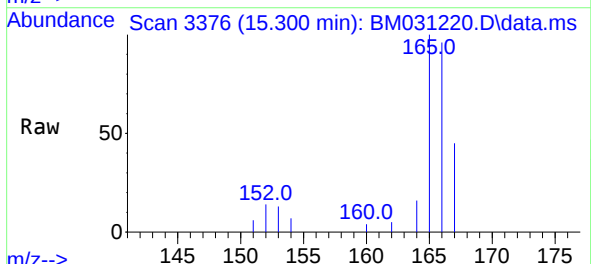
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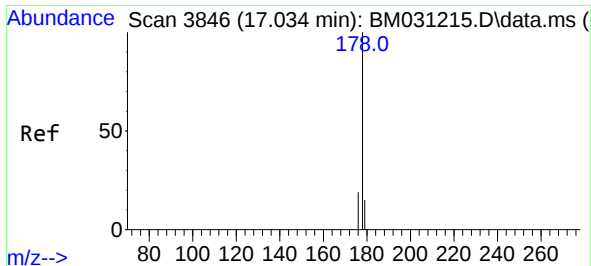
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#12
Fluorene
Concen: 0.111 ng/ul
RT: 15.300 min Scan# 3376
Delta R.T. -0.000 min
Lab File: BM031220.D
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Tgt Ion:166 Resp: 2421
Ion Ratio Lower Upper
166 100
165 104.7 78.0 117.0
167 46.9 12.0 18.0#





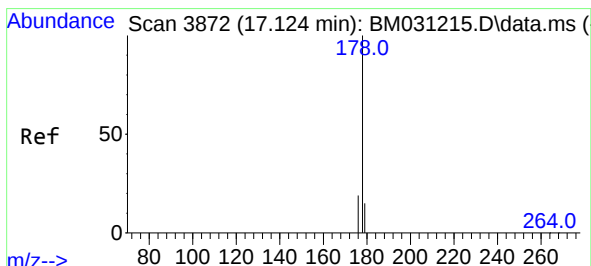
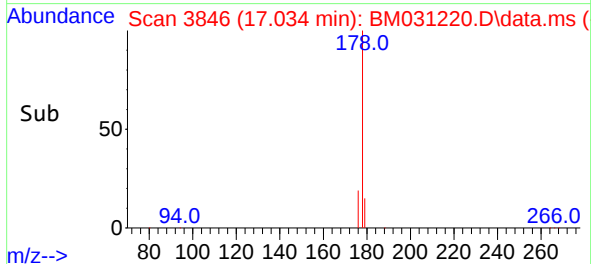
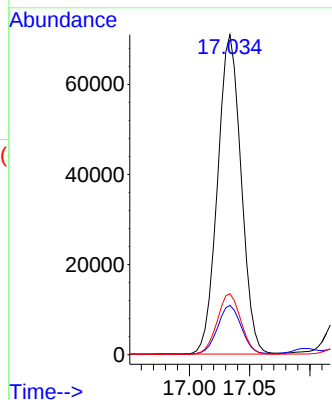
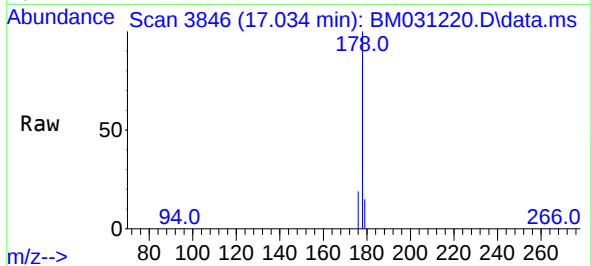
#15
Phenanthrene
Concen: 3.056 ng/ul
RT: 17.034 min Scan# 3846
Delta R.T. -0.000 min
Lab File: BM031220.D
Acq: 28 Jul 2021 20:23

Tgt Ion:	178	Resp:	96195
Ion Ratio	Lower	Upper	
178	100		
179	15.4	13.3	19.9
176	19.0	16.2	24.4

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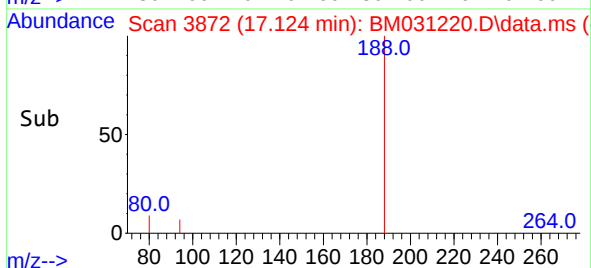
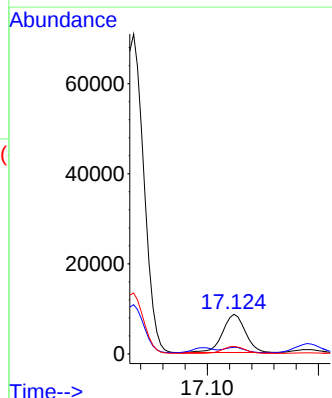
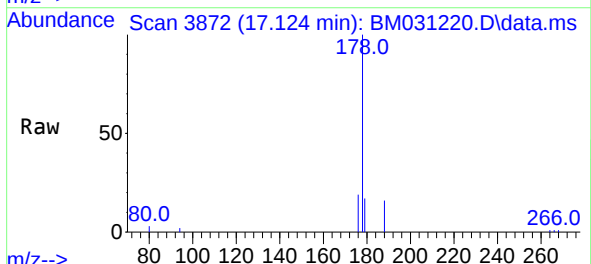
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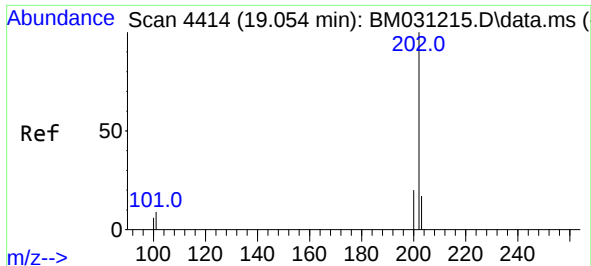
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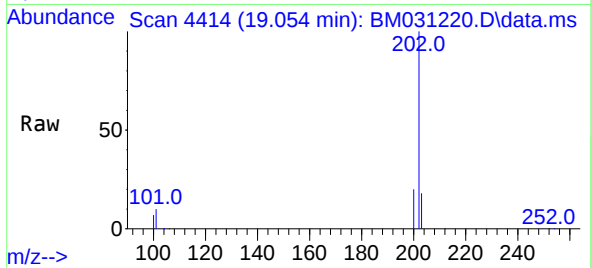
#16
Anthracene
Concen: 0.412 ng/ul
RT: 17.124 min Scan# 3872
Delta R.T. -0.000 min
Lab File: BM031220.D
Acq: 28 Jul 2021 20:23

Tgt Ion:	178	Resp:	12130
Ion Ratio	Lower	Upper	
178	100		
179	16.9	13.0	19.6
176	19.2	15.6	23.4

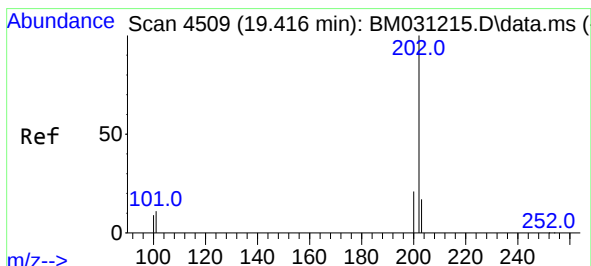
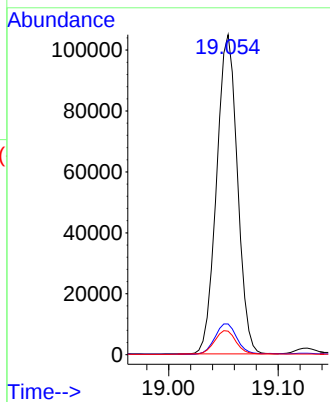
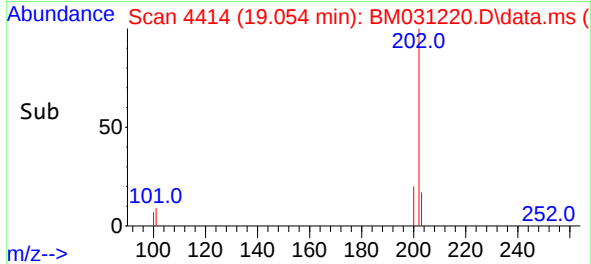




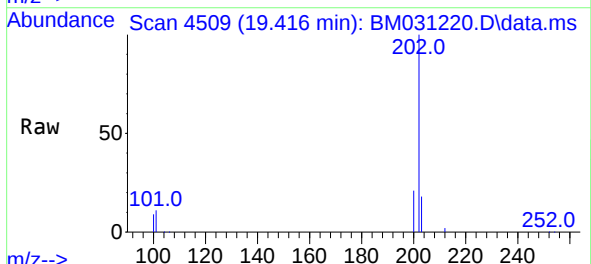
#19
Fluoranthene
Concen: 4.512 ng/ul
RT: 19.054 min Scan# 4414
Delta R.T. -0.000 min
Lab File: BM031220.D
Acq: 28 Jul 2021 20:23



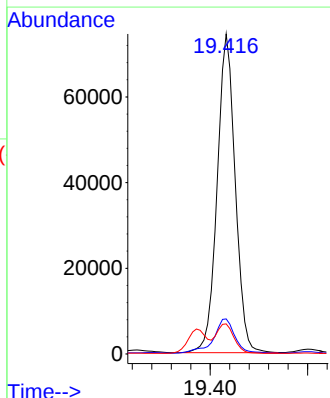
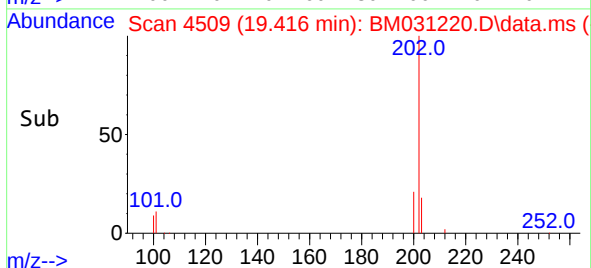
Tgt Ion:202 Resp: 137958
Ion Ratio Lower Upper
202 100
101 9.6 6.6 10.0
100 7.3 5.4 8.0



#20
Pyrene
Concen: 3.094 ng/ul
RT: 19.416 min Scan# 4509
Delta R.T. -0.000 min
Lab File: BM031220.D
Acq: 28 Jul 2021 20:23



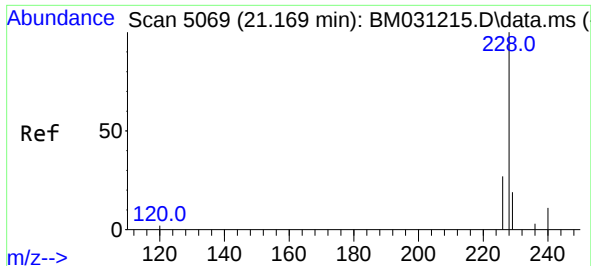
Tgt Ion:202 Resp: 95942
Ion Ratio Lower Upper
202 100
101 10.9 7.8 11.6
100 9.4 6.6 10.0



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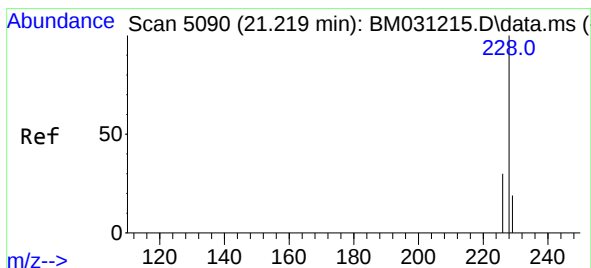
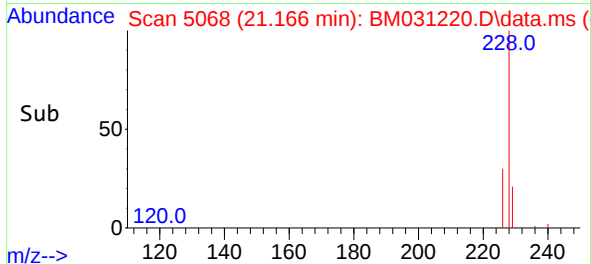
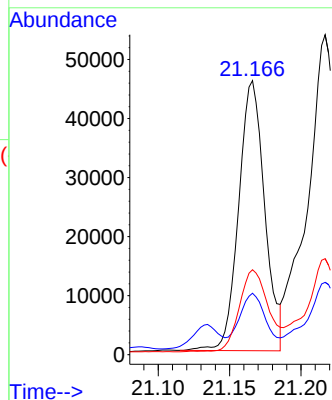
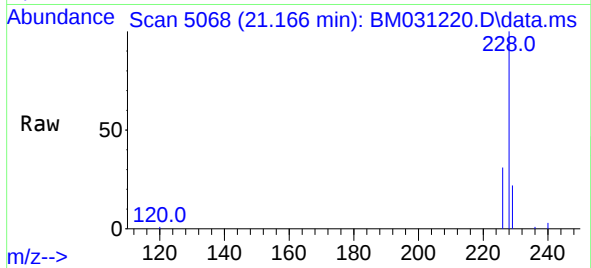
#21
Benzo(a)anthracene
Concen: 2.009 ng/u1
RT: 21.166 min Scan# 5068
Delta R.T. -0.000 min
Lab File: BM031220.D
Acq: 28 Jul 2021 20:23

Tgt Ion:228	Resp:	58081
Ion Ratio	Lower	Upper
228	100	
229	22.4	15.6 23.4
226	31.0	21.7 32.5

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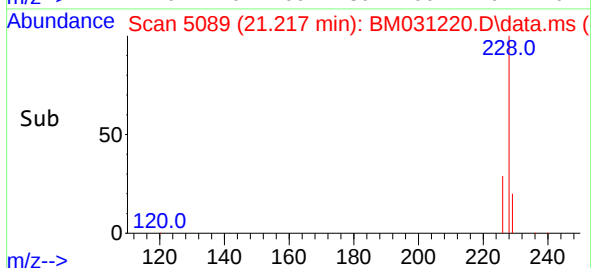
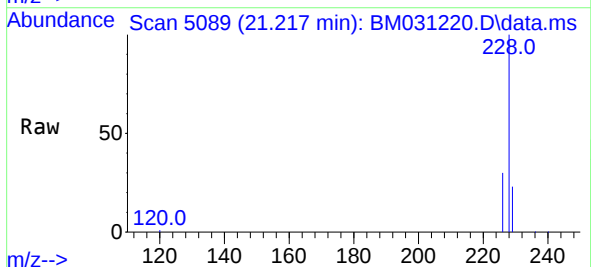
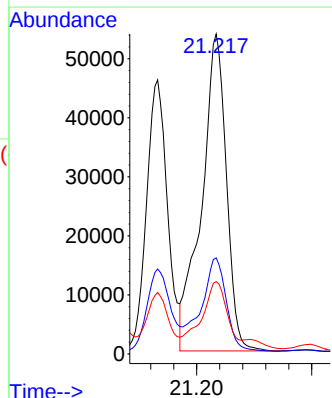
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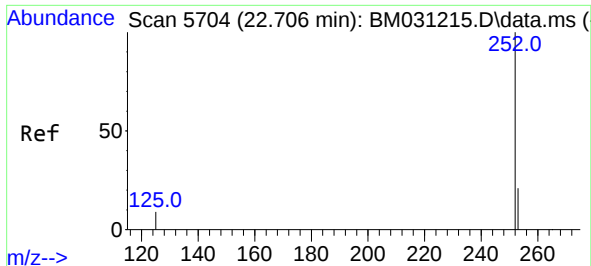
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#22
Chrysene
Concen: 2.690 ng/u1
RT: 21.217 min Scan# 5089
Delta R.T. -0.000 min
Lab File: BM031220.D
Acq: 28 Jul 2021 20:23

Tgt Ion:228	Resp:	80468
Ion Ratio	Lower	Upper
228	100	
226	30.0	24.7 37.1
229	22.6	16.2 24.2





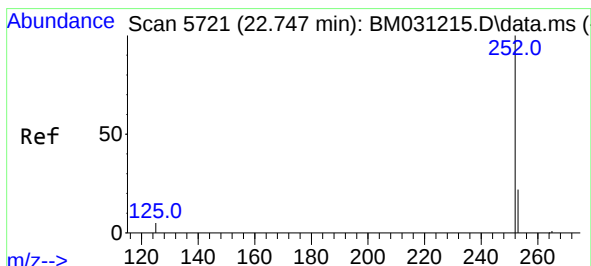
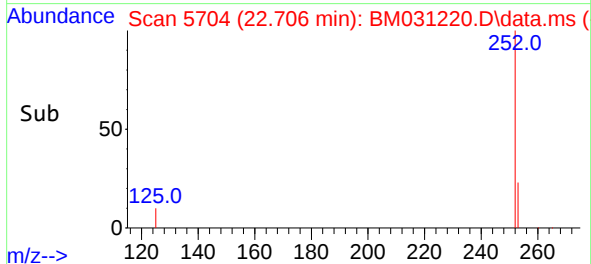
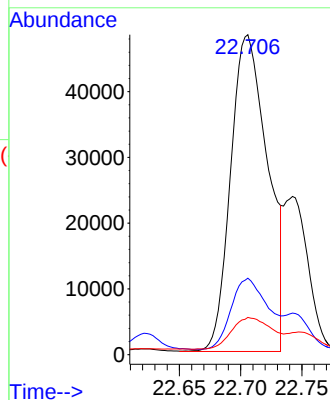
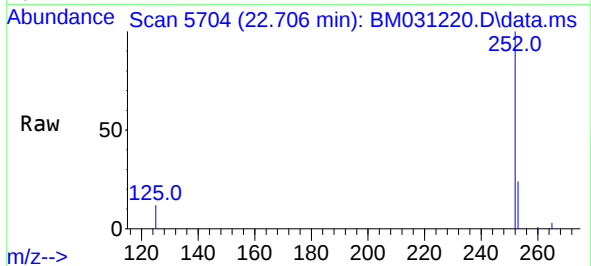
#24
Benzo(b)fluoranthene
Concen: 3.431 ng/ul m
RT: 22.706 min Scan# 5704
Delta R.T. -0.000 min
Lab File: BM031220.D
Acq: 28 Jul 2021 20:23

Tgt Ion:252	Resp:	101512
Ion Ratio	Lower	Upper
252	100	
253	23.9	0.0 53.0
125	11.6	0.0 22.8

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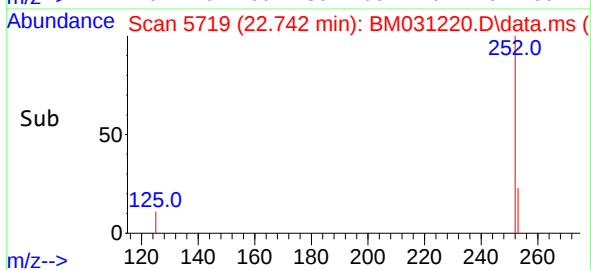
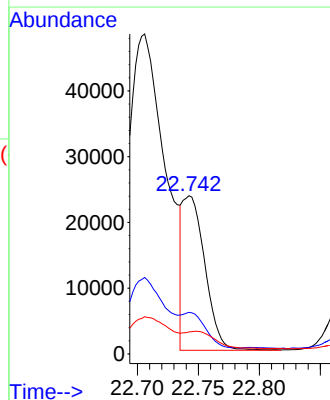
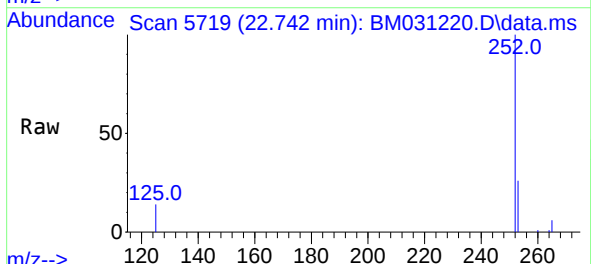
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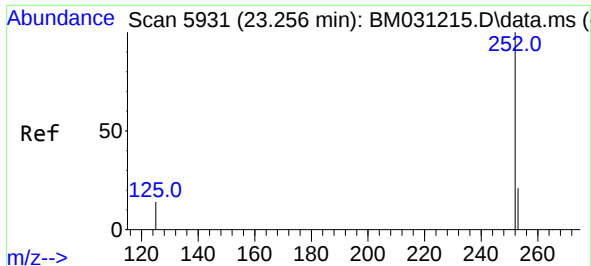
mohammad
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#25
Benzo(k)fluoranthene
Concen: 0.974 ng/ul m
RT: 22.742 min Scan# 5719
Delta R.T. -0.005 min
Lab File: BM031220.D
Acq: 28 Jul 2021 20:23

Tgt Ion:252	Resp:	29776
Ion Ratio	Lower	Upper
252	100	
253	26.3	21.3 31.9
125	13.9	8.8 13.2#





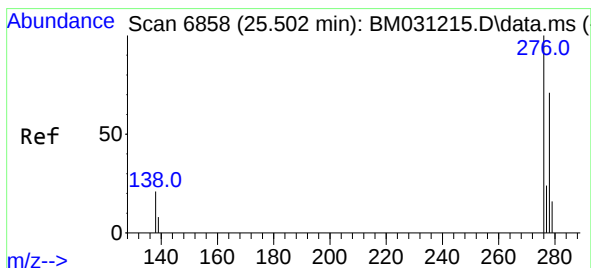
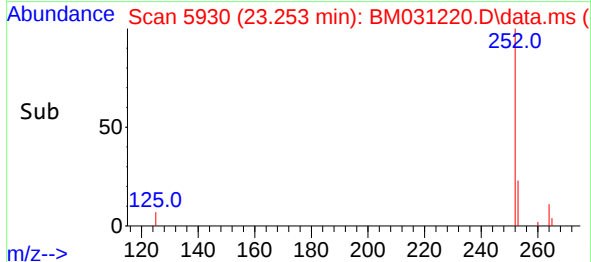
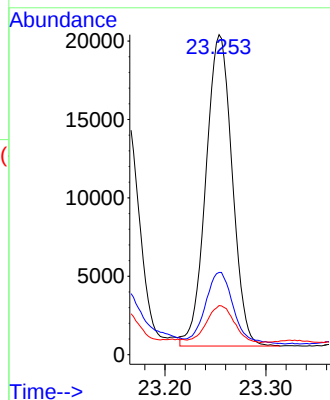
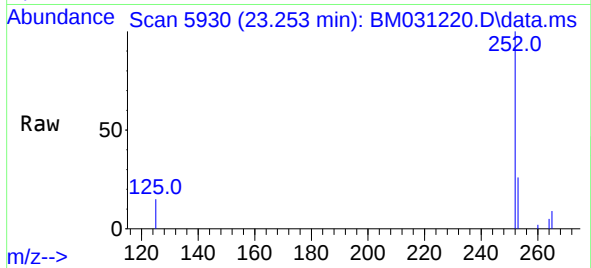
#26
Benzo(a)pyrene
Concen: 1.389 ng/ul
RT: 23.253 min Scan# 5930
Delta R.T. -0.003 min
Lab File: BM031220.D
Acq: 28 Jul 2021 20:23

Tgt Ion:	252	Resp:	35974
Ion Ratio	Lower	Upper	
252	100		
253	25.7	22.4	33.6
125	15.4	13.0	19.4

Instrument :
BNA_M
ClientSampled :
C0014

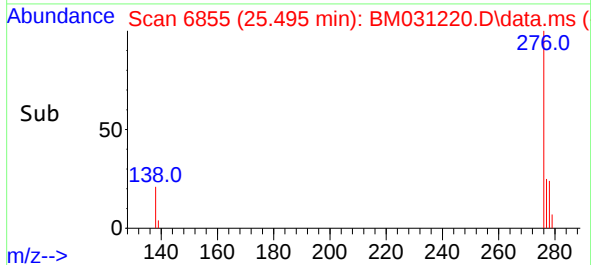
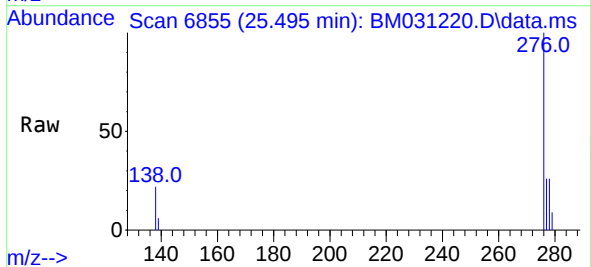
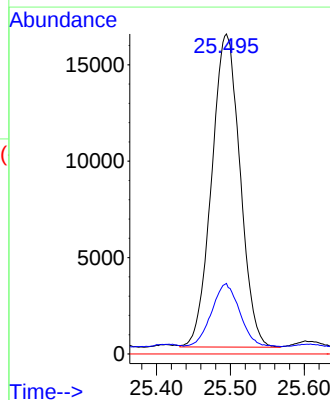
Manual Integrations
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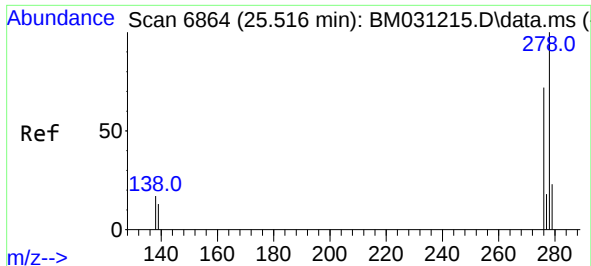
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#27
Indeno(1,2,3-cd)pyrene
Concen: 1.296 ng/ul
RT: 25.495 min Scan# 6855
Delta R.T. -0.003 min
Lab File: BM031220.D
Acq: 28 Jul 2021 20:23

Tgt Ion:	276	Resp:	43398
Ion Ratio	Lower	Upper	
276	100		
138	20.7	15.8	23.8
227	0.0	0.0	0.0





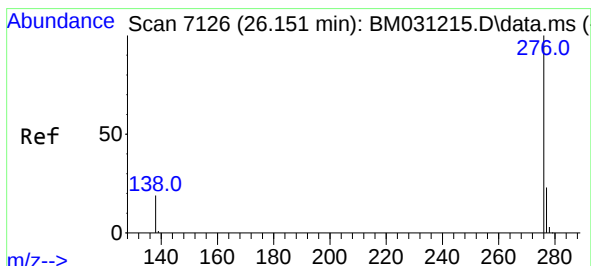
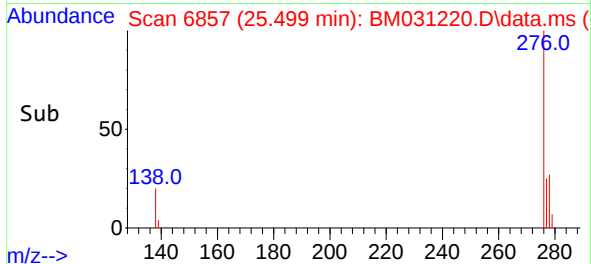
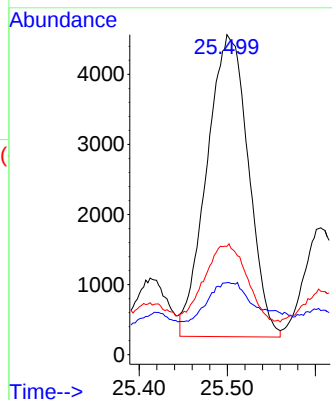
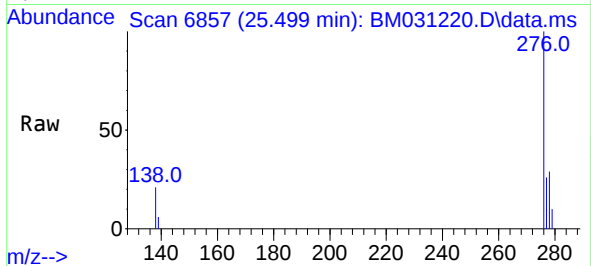
#28
Dibenzo(a,h)anthracene
Concen: 0.524 ng/ul
RT: 25.499 min Scan# 6857
Delta R.T. -0.015 min
Lab File: BM031220.D
Acq: 28 Jul 2021 20:23

Tgt Ion:	278	Resp:	14138
Ion Ratio	Lower	Upper	
278	100		
139	22.5	13.3	19.9#
279	33.9	22.8	34.2

Instrument :
BNA_M
ClientSampled :
C0014

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#29
Benzo(g,h,i)perylene
Concen: 0.102 ng/ul
RT: 26.149 min Scan# 7125
Delta R.T. -0.000 min
Lab File: BM031220.D
Acq: 28 Jul 2021 20:23

Tgt Ion:	276	Resp:	2907
Ion Ratio	Lower	Upper	
276	100		
138	40.2	15.4	23.2#
277	40.3	19.9	29.9#

