

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
 Data File : BM031222.D
 Acq On : 28 Jul 2021 21:37
 Operator : CG/JU
 Sample : M3082-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0019

Manual Integrations
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Quant Time: Jul 29 03:22:06 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	1914	0.400	ng/ul	0.00
4) Naphthalene-d8	10.379	136	7367	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.246	164	4692	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	9000	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.183	240	6606	0.400	ng/ul	# 0.00
23) Perylene-d12	23.350	264	6055	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	4866	2.289	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	2105	0.170	ng/ul	0.00
18) Fluoranthene-d10	19.024	212	4603	0.209	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.428	128	11267	0.513	ng/ul	99
7) 2-Methylnaphthalene	12.043	142	11703	0.781	ng/ul	100
8) 1-Methylnaphthalene	12.268	142	8240	0.556	ng/ul	100
10) Acenaphthylene	13.963	152	9316	0.466	ng/ul	99
11) Acenaphthene	14.307	153	1560	0.093	ng/ul	96
12) Fluorene	15.297	166	3124	0.161	ng/ul#	87
15) Phenanthrene	17.034	178	72174	2.525	ng/ul	97
16) Anthracene	17.124	178	11583	0.433	ng/ul	99
19) Fluoranthene	19.054	202	144922	5.138	ng/ul	97
20) Pyrene	19.416	202	109210	3.817	ng/ul	96
21) Benzo(a)anthracene	21.166	228	60942	2.285	ng/ul	95
22) Chrysene	21.217	228	74206	2.689	ng/ul	97
24) Benzo(b)fluoranthene	22.706	252	93542m	3.429	ng/ul	
25) Benzo(k)fluoranthene	22.742	252	32344m	1.147	ng/ul	
26) Benzo(a)pyrene	23.256	252	43229	1.809	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.492	276	36692	1.188	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.502	278	10676	0.429	ng/ul#	87
29) Benzo(g,h,i)perylene	26.151	276	3951	0.150	ng/ul#	72

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

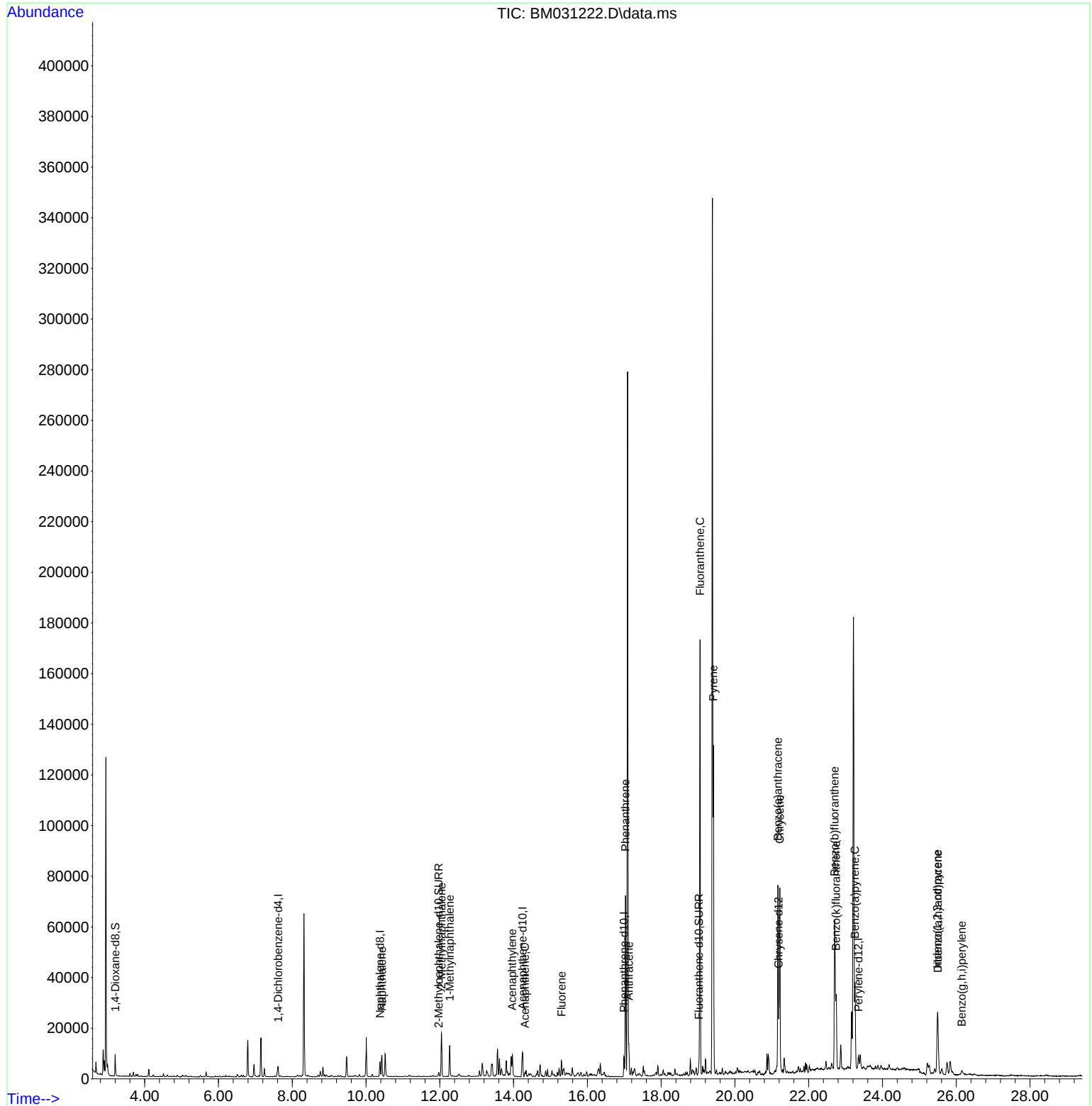
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Data File : BM031222.D
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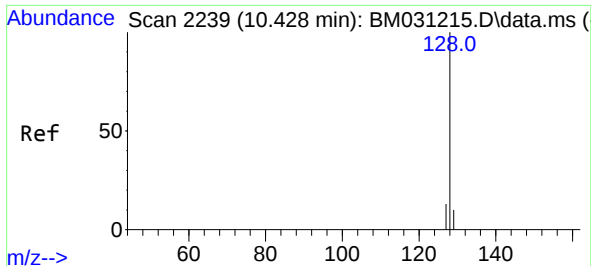
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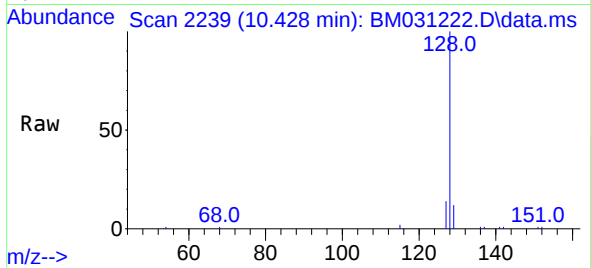
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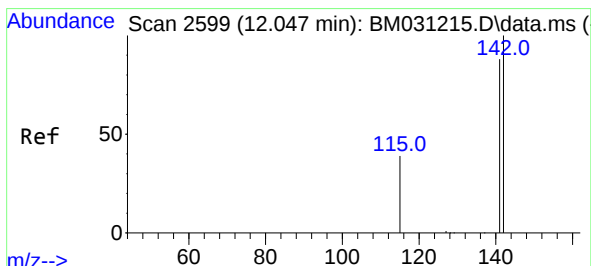
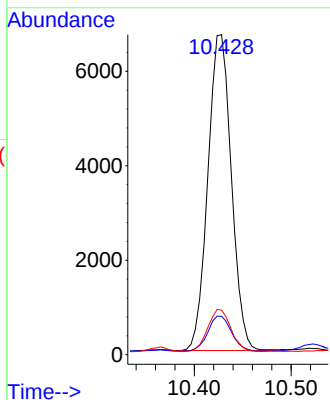
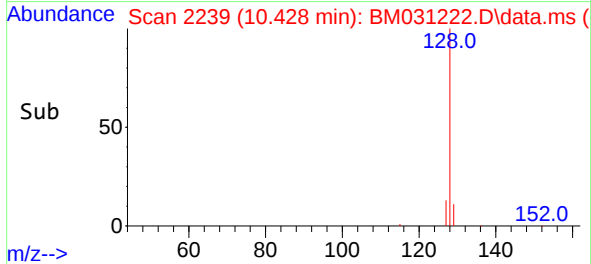


#5
Naphthalene
Concen: 0.513 ng/ul
RT: 10.428 min Scan# 2239
Delta R.T. -0.000 min
Lab File: BM031222.D
Acq: 28 Jul 2021 21:37

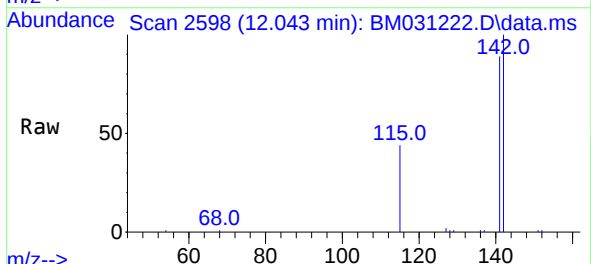


Tgt Ion:128 Resp: 11267

Ion	Ratio	Lower	Upper
128	100		
129	12.0	10.0	15.0
127	14.0	11.6	17.4

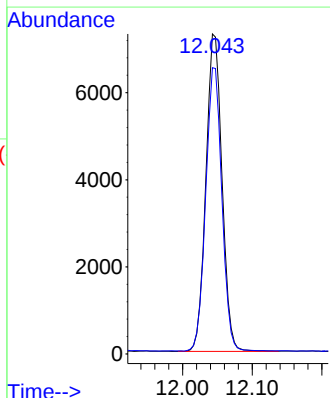
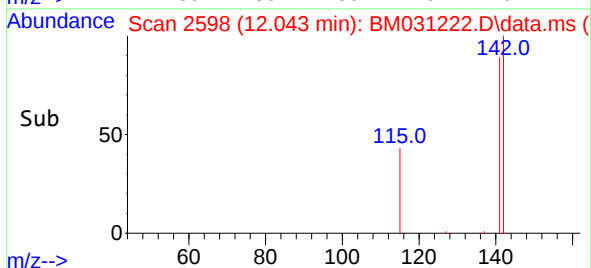


#7
2-Methylnaphthalene
Concen: 0.781 ng/ul
RT: 12.043 min Scan# 2598
Delta R.T. -0.005 min
Lab File: BM031222.D
Acq: 28 Jul 2021 21:37



Tgt Ion:142 Resp: 11703

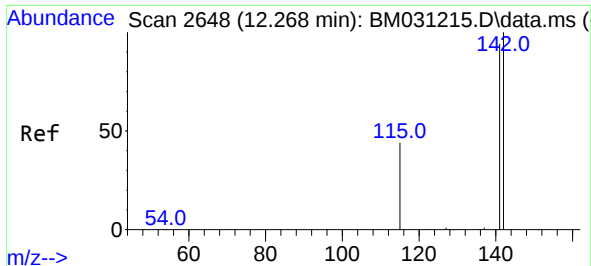
Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.0



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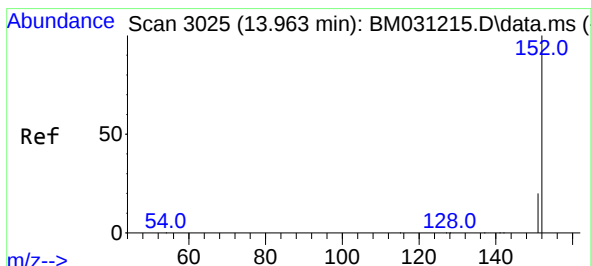
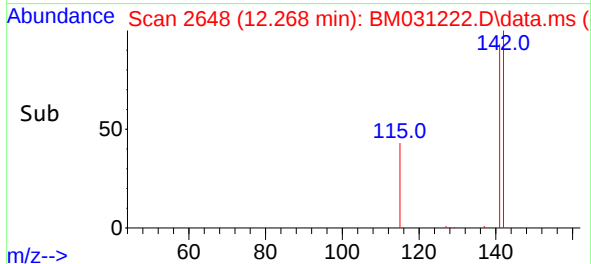
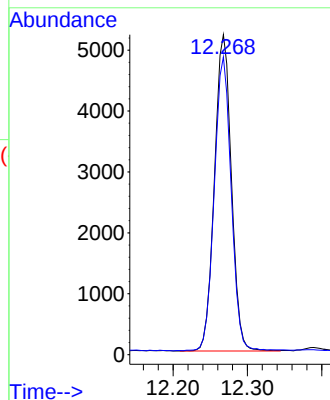
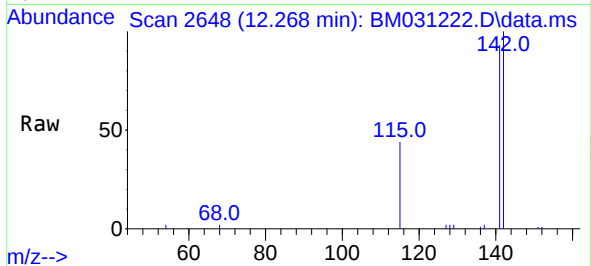
#8
1-Methylnaphthalene
Concen: 0.556 ng/ul
RT: 12.268 min Scan# 2648
Delta R.T. -0.000 min
Lab File: BM031222.D
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Tgt Ion:142 Resp: 8240
Ion Ratio Lower Upper
142 100
141 92.7 74.1 111.1

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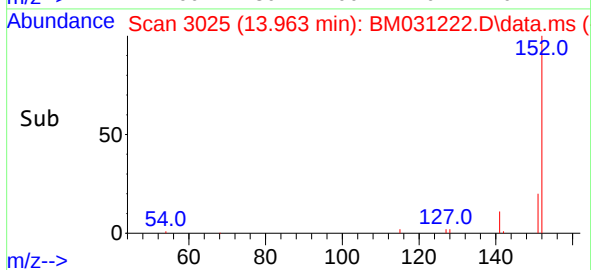
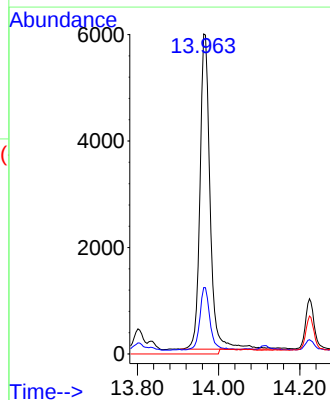
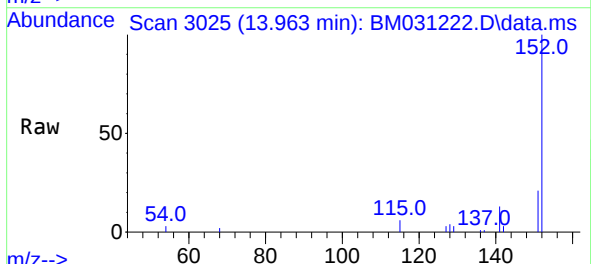
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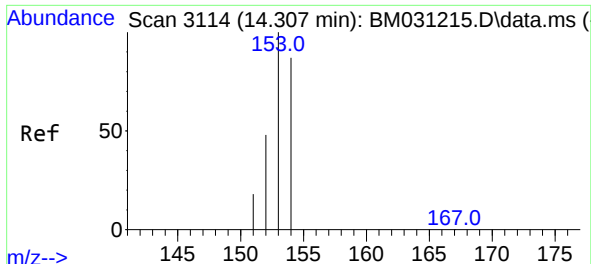
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#10
Acenaphthylene
Concen: 0.466 ng/ul
RT: 13.963 min Scan# 3025
Delta R.T. -0.005 min
Lab File: BM031222.D
Acq: 28 Jul 2021 21:37

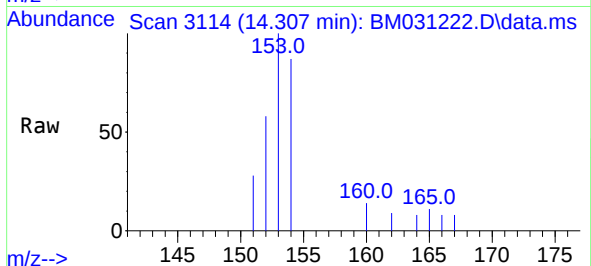
Tgt Ion:152 Resp: 9316
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.093 ng/u1
RT: 14.307 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM031222.D
Acq: 28 Jul 2021 21:37

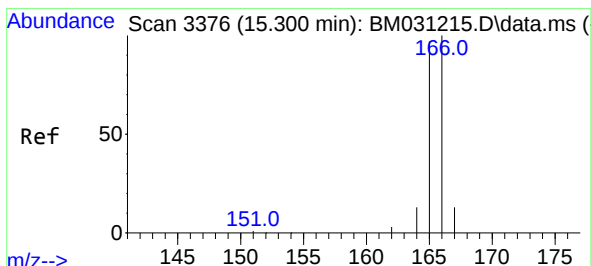
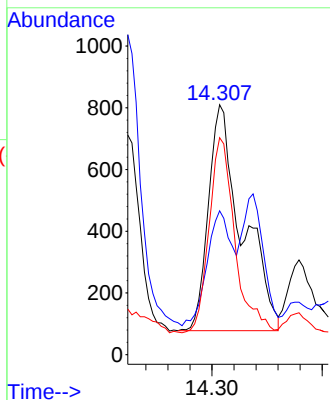
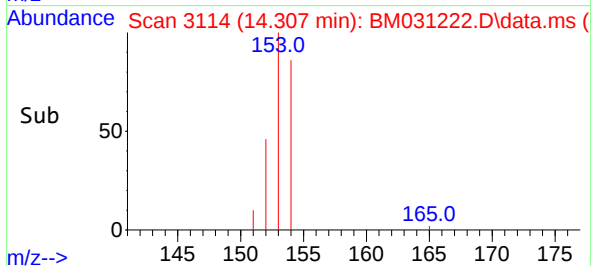
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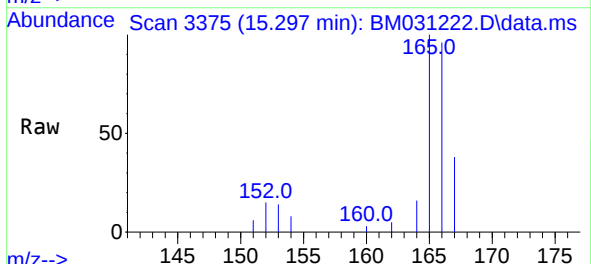
Tgt Ion:153 Resp: 1560
Ion Ratio Lower Upper
153 100
152 57.5 40.7 61.1
154 86.8 70.2 105.2

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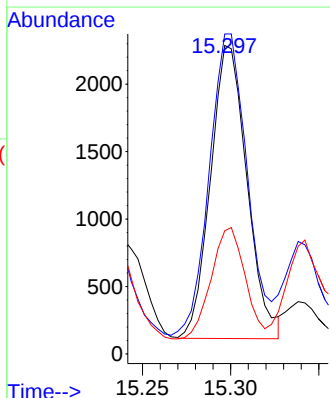
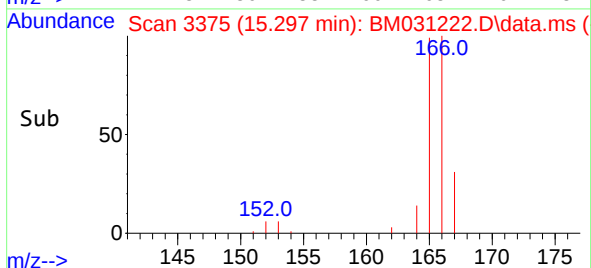
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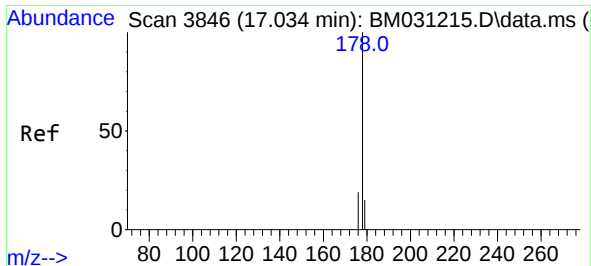


#12
Fluorene
Concen: 0.161 ng/u1
RT: 15.297 min Scan# 3375
Delta R.T. -0.004 min
Lab File: BM031222.D
Acq: 28 Jul 2021 21:37

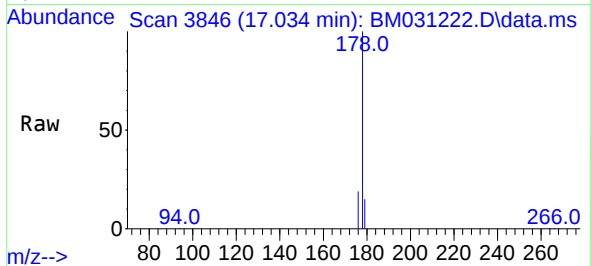


Tgt Ion:166 Resp: 3124
Ion Ratio Lower Upper
166 100
165 103.7 78.0 117.0
167 39.9 12.0 18.0#



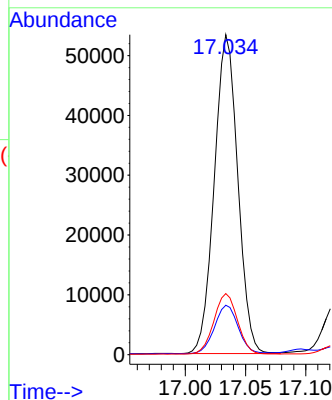


#15
Phenanthrene
Concen: 2.525 ng/ul
RT: 17.034 min Scan# 3846
Delta R.T. -0.000 min
Lab File: BM031222.D
Acq: 28 Jul 2021 21:37



Tgt Ion:178 Resp: 72174

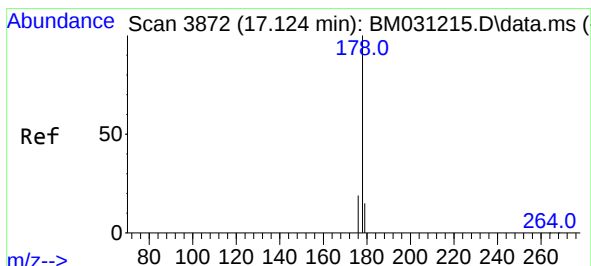
Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.3	19.9
176	19.1	16.2	24.4



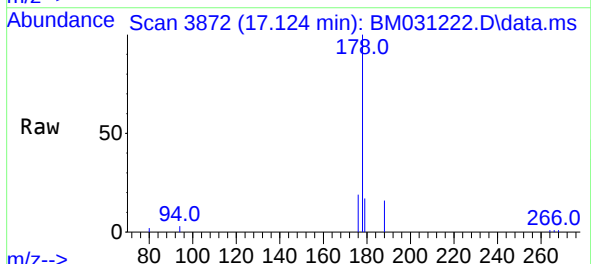
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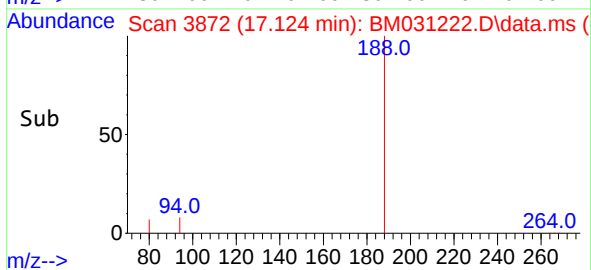
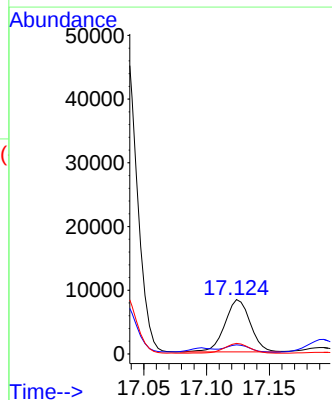


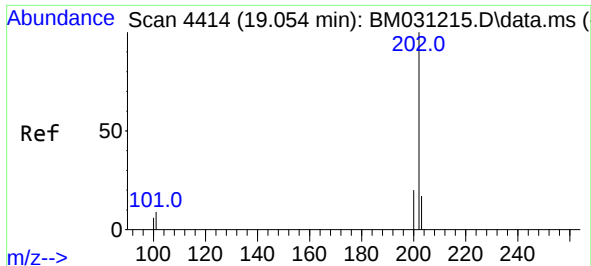
#16
Anthracene
Concen: 0.433 ng/ul
RT: 17.124 min Scan# 3872
Delta R.T. -0.000 min
Lab File: BM031222.D
Acq: 28 Jul 2021 21:37



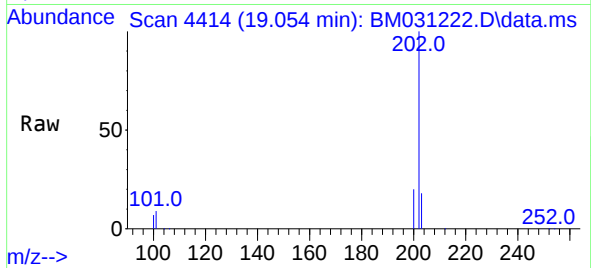
Tgt Ion:178 Resp: 11583

Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.0	19.6
176	19.4	15.6	23.4

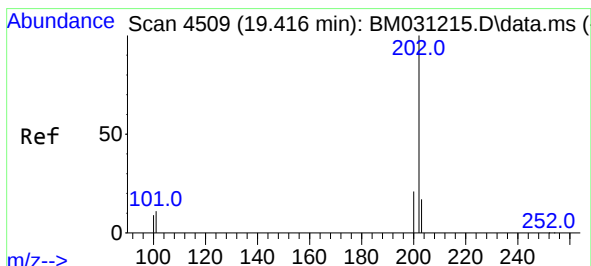
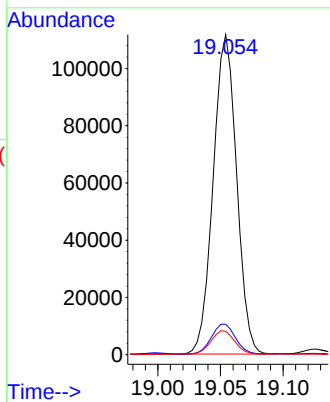
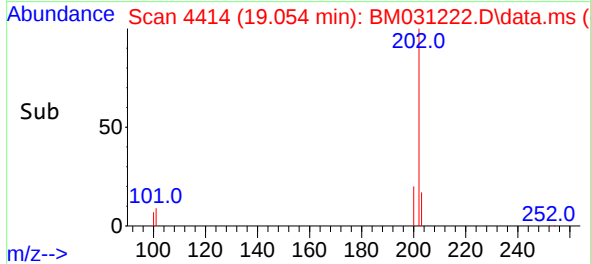




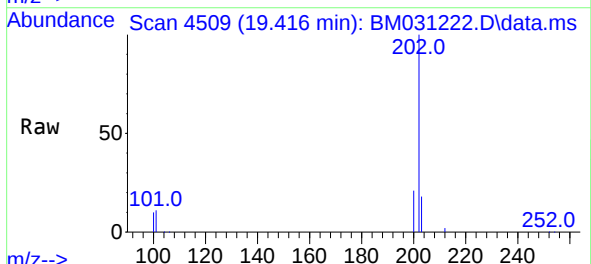
#19
Fluoranthene
Concen: 5.138 ng/u1
RT: 19.054 min Scan# 4414
Delta R.T. -0.000 min
Lab File: BM031222.D
Acq: 28 Jul 2021 21:37



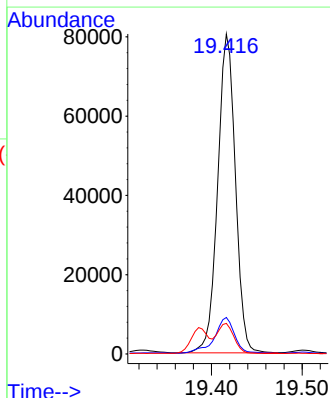
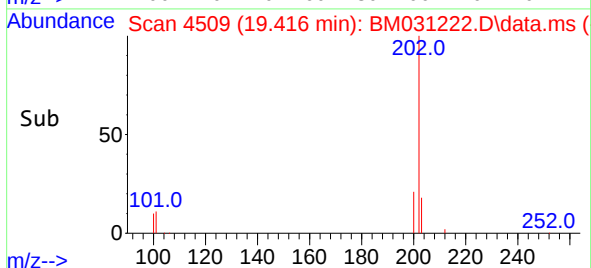
Tgt Ion:202 Resp: 144922
Ion Ratio Lower Upper
202 100
101 9.5 6.6 10.0
100 7.3 5.4 8.0



#20
Pyrene
Concen: 3.817 ng/u1
RT: 19.416 min Scan# 4509
Delta R.T. -0.000 min
Lab File: BM031222.D
Acq: 28 Jul 2021 21:37



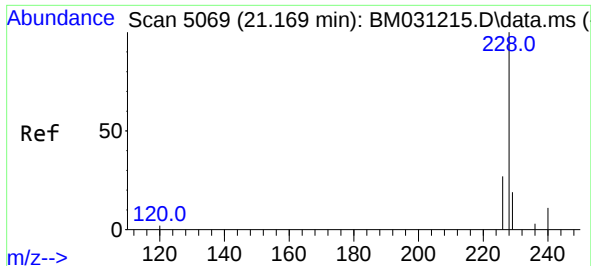
Tgt Ion:202 Resp: 109210
Ion Ratio Lower Upper
202 100
101 11.4 7.8 11.6
100 9.6 6.6 10.0



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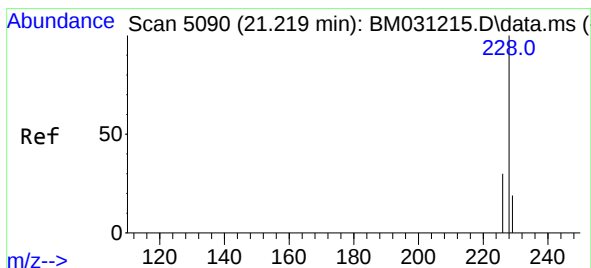
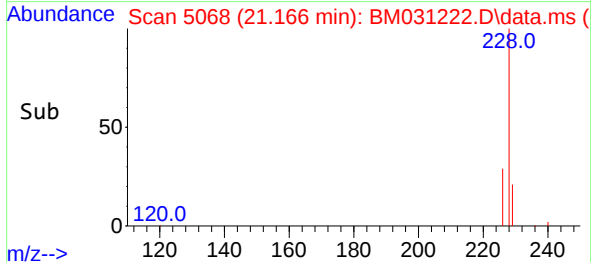
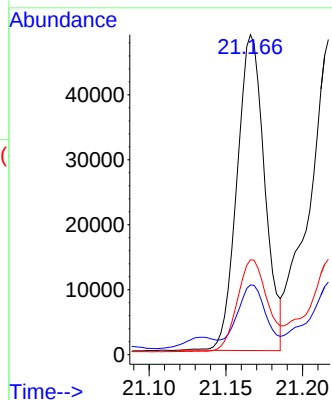
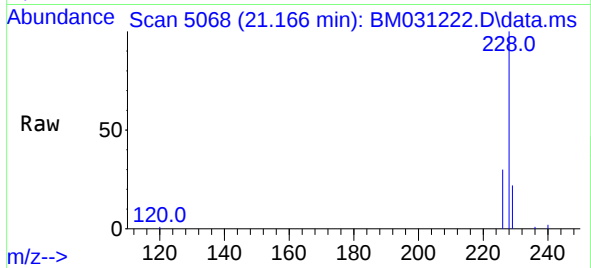
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Benzo(a)anthracene
Concen: 2.285 ng/ul
RT: 21.166 min Scan# 5068
Delta R.T. -0.000 min
Lab File: BM031222.D
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Tgt Ion:228 Resp: 60942
Ion Ratio Lower Upper
228 100
229 21.8 15.6 23.4
226 29.7 21.7 32.5

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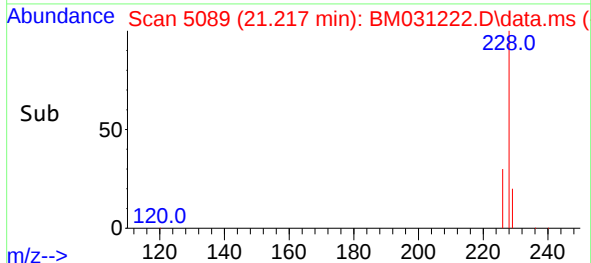
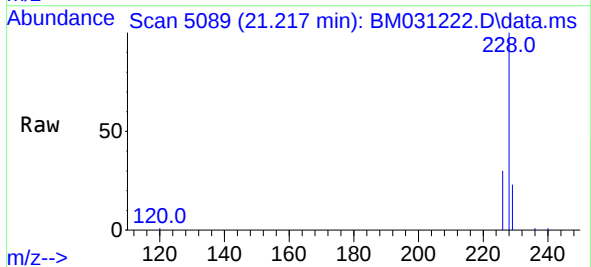
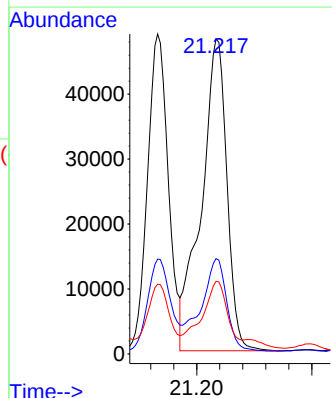
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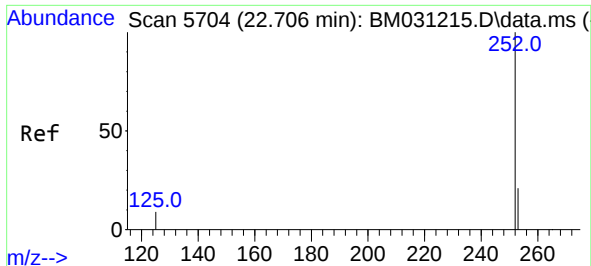
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#22
Chrysene
Concen: 2.689 ng/ul
RT: 21.217 min Scan# 5089
Delta R.T. -0.000 min
Lab File: BM031222.D
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Tgt Ion:228 Resp: 74206
Ion Ratio Lower Upper
228 100
226 30.2 24.7 37.1
229 23.0 16.2 24.2





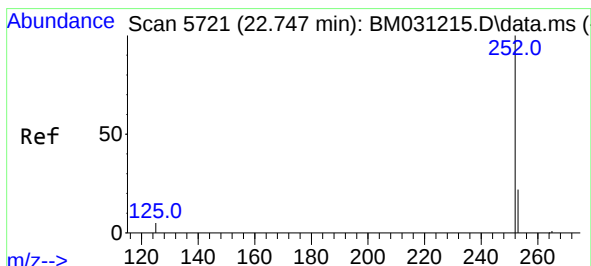
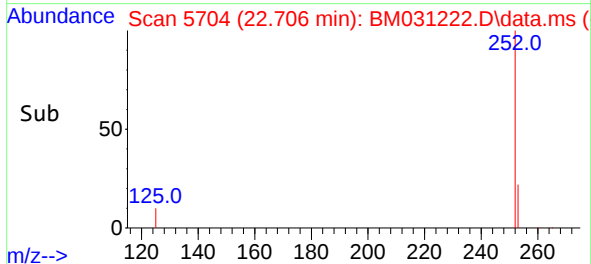
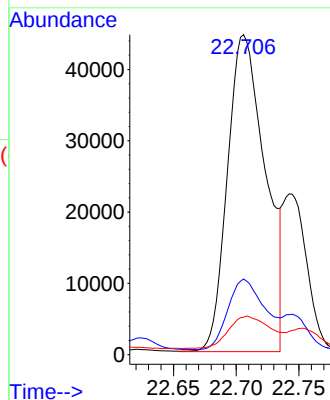
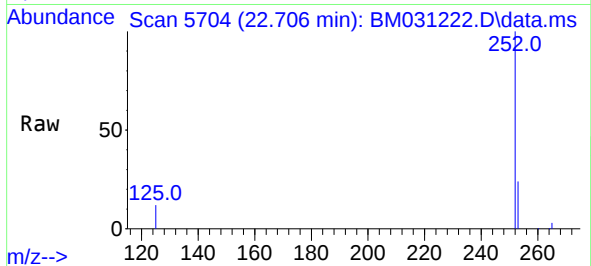
#24
Benzo(b)fluoranthene
Concen: 3.429 ng/ul m
RT: 22.706 min Scan# 5704
Delta R.T. -0.000 min
Lab File: BM031222.D
Acq: 28 Jul 2021 21:37

Tgt Ion:	252	Resp:	93542
Ion Ratio	Lower	Upper	
252	100		
253	23.7	0.0	53.0
125	11.7	0.0	22.8

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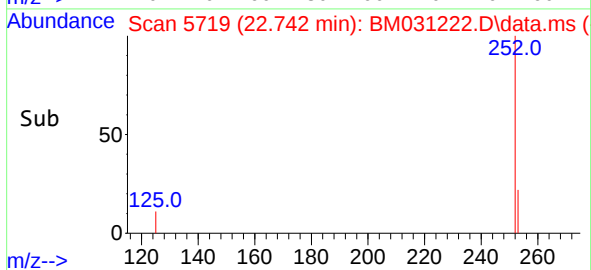
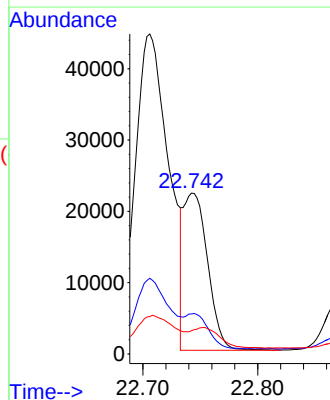
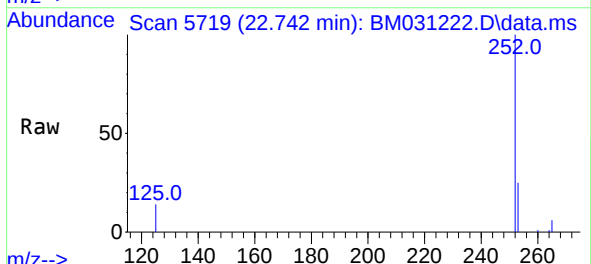
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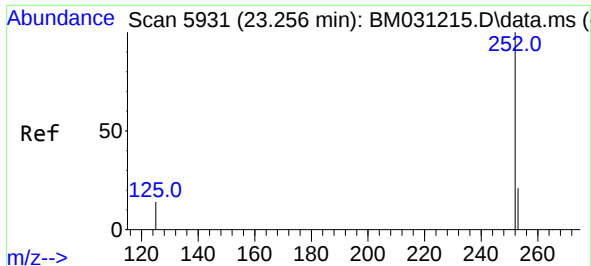
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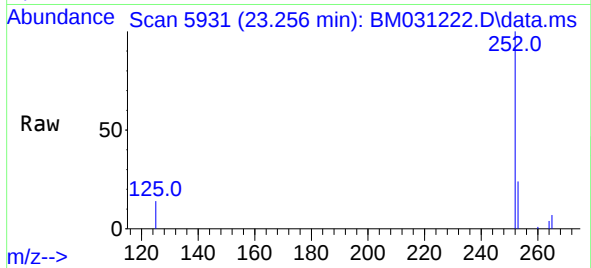
#25
Benzo(k)fluoranthene
Concen: 1.147 ng/ul m
RT: 22.742 min Scan# 5719
Delta R.T. -0.005 min
Lab File: BM031222.D
Acq: 28 Jul 2021 21:37

Tgt Ion:	252	Resp:	32344
Ion Ratio	Lower	Upper	
252	100		
253	24.9	21.3	31.9
125	14.5	8.8	13.2#

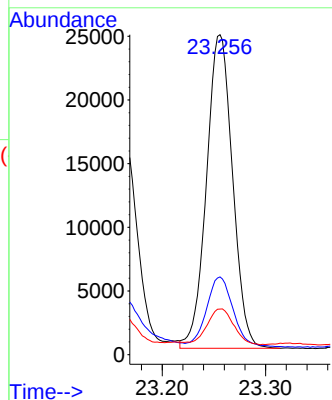




#26
Benzo(a)pyrene
Concen: 1.809 ng/ul
RT: 23.256 min Scan# 5931
Delta R.T. -0.000 min
Lab File: BM031222.D
Acq: 28 Jul 2021 21:37



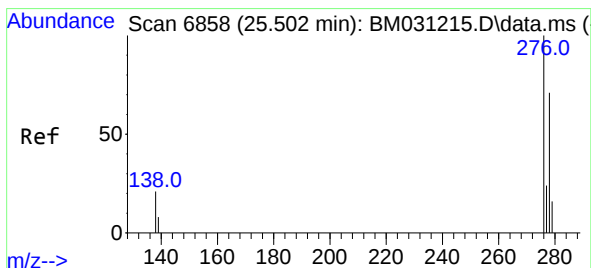
Tgt Ion:	252	Resp:	43229
Ion Ratio	Lower	Upper	
252	100		
253	24.3	22.4	33.6
125	14.2	13.0	19.4



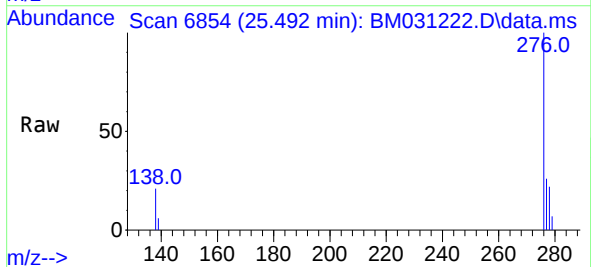
Instrument :
BNA_M
ClientSampled :
C0019

Manual Integrations
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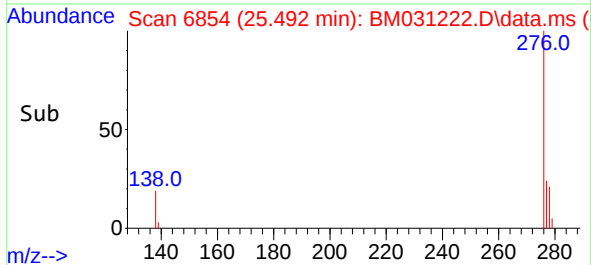
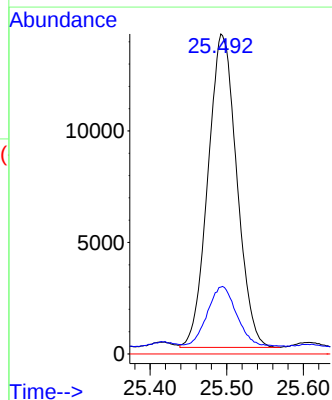
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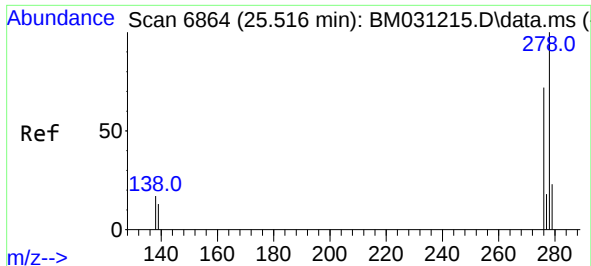


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.188 ng/ul
RT: 25.492 min Scan# 6854
Delta R.T. -0.005 min
Lab File: BM031222.D
Acq: 28 Jul 2021 21:37



Tgt Ion:	276	Resp:	36692
Ion Ratio	Lower	Upper	
276	100		
138	19.6	15.8	23.8
227	0.0	0.0	0.0





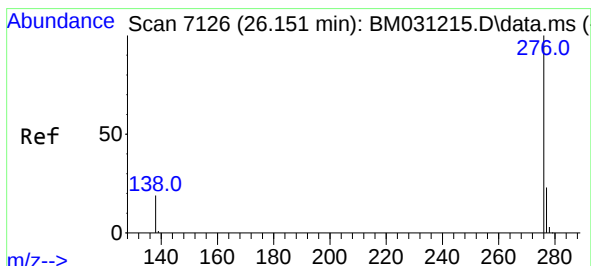
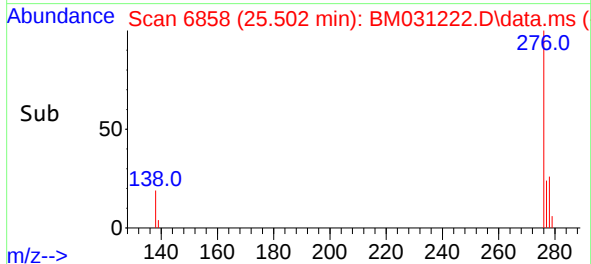
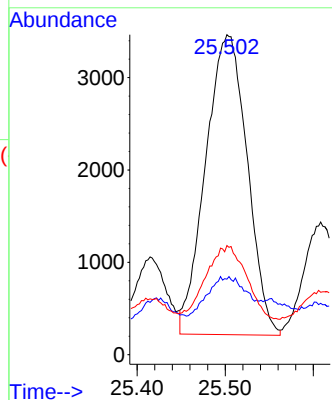
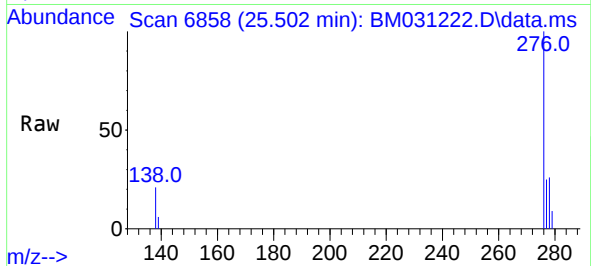
#28
Dibenzo(a,h)anthracene
Concen: 0.429 ng/ul
RT: 25.502 min Scan# 6858
Delta R.T. -0.012 min
Lab File: BM031222.D
Acq: 28 Jul 2021 21:37

Tgt Ion: 278 Resp: 10676
Ion Ratio Lower Upper
278 100
139 23.6 13.3 19.9#
279 34.1 22.8 34.2

Instrument :
BNA_M
ClientSampled :
C0019

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.150 ng/ul
RT: 26.151 min Scan# 7126
Delta R.T. 0.002 min
Lab File: BM031222.D
Acq: 28 Jul 2021 21:37

Tgt Ion: 276 Resp: 3951
Ion Ratio Lower Upper
276 100
138 36.3 15.4 23.2#
277 35.6 19.9 29.9#

