

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
 Data File : BM031235.D
 Acq On : 29 Jul 2021 06:48
 Operator : CG/JU
 Sample : M3082-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0013

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Quant Time: Jul 29 07:22:05 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 : Thu Jul 29 06:56:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	2089	0.400	ng/ul	0.00
4) Naphthalene-d8	10.379	136	7686	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.243	164	4552	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	8868	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.181	240	6642	0.400	ng/ul	# 0.00
23) Perylene-d12	23.350	264	6437	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	3866	1.666	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	1545	0.119	ng/ul	0.00
18) Fluoranthene-d10	19.024	212	3479	0.157	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.424	128	4033	0.176	ng/ul	98
7) 2-Methylnaphthalene	12.047	142	2861	0.183	ng/ul	99
8) 1-Methylnaphthalene	12.268	142	1889	0.122	ng/ul	98
10) Acenaphthylene	13.963	152	7897	0.407	ng/ul	100
11) Acenaphthene	14.307	153	1087	0.067	ng/ul	95
12) Fluorene	15.297	166	4815	0.256	ng/ul	97
15) Phenanthrene	17.034	178	60647	2.154	ng/ul	98
16) Anthracene	17.124	178	12325	0.467	ng/ul	99
19) Fluoranthene	19.050	202	132375	4.667	ng/ul#	96
20) Pyrene	19.416	202	93286	3.243	ng/ul	97
21) Benzo(a)anthracene	21.166	228	52882	1.972	ng/ul	96
22) Chrysene	21.217	228	57683	2.079	ng/ul	97
24) Benzo(b)fluoranthene	22.706	252	83889m	2.892	ng/ul	
25) Benzo(k)fluoranthene	22.745	252	26354m	0.879	ng/ul	
26) Benzo(a)pyrene	23.254	252	32237	1.269	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.495	276	29615	0.902	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.507	278	8734	0.330	ng/ul#	86
29) Benzo(g,h,i)perylene	26.149	276	1909	0.068	ng/ul#	51

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

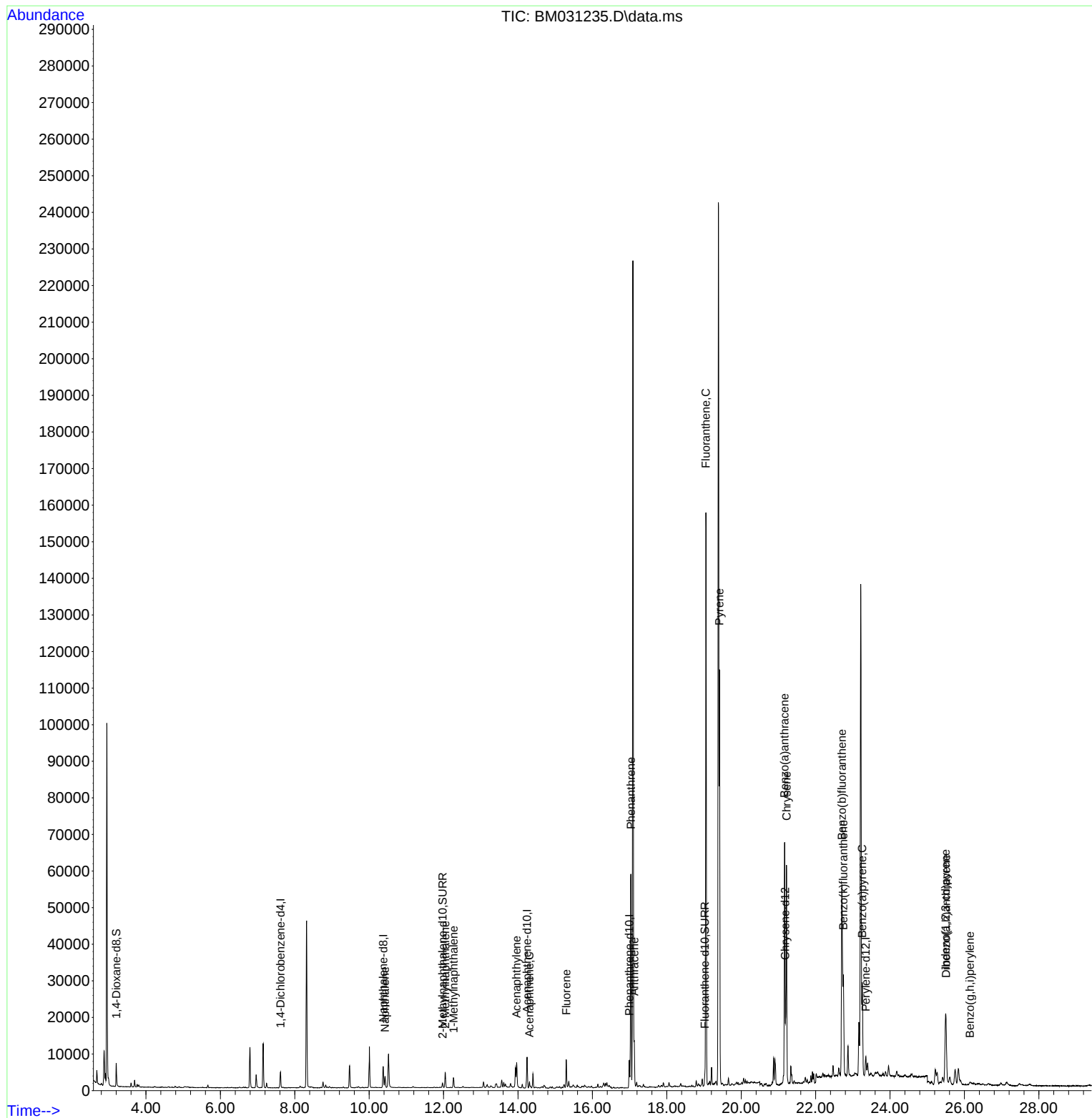
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Data File : BM031235.D
Acq On : 29 Jul 2021 06:48
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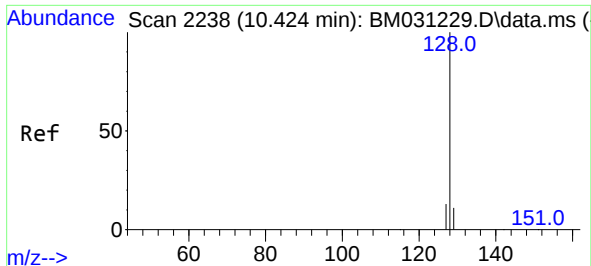
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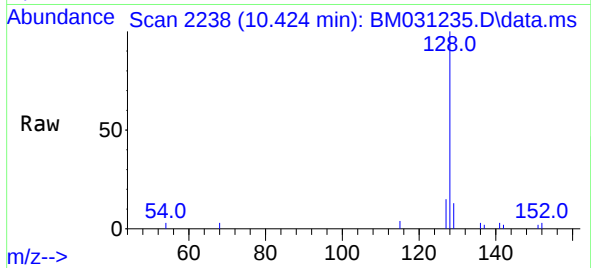
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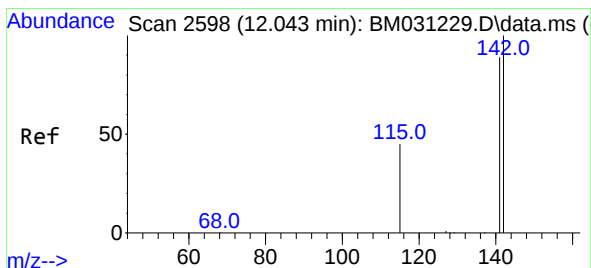
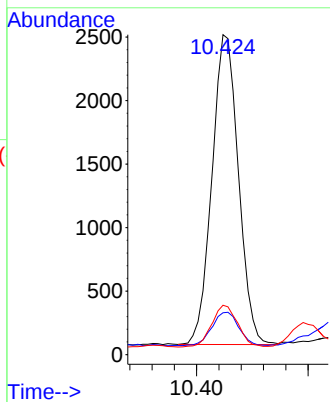
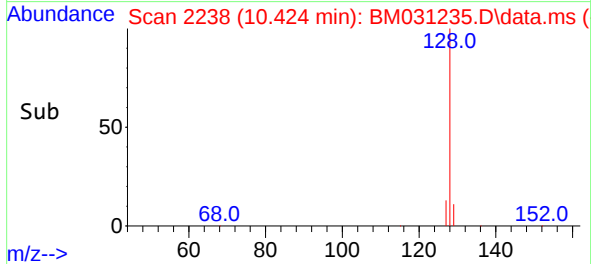


#5
Naphthalene
Concen: 0.176 ng/ul
RT: 10.424 min Scan# 2238
Delta R.T. -0.005 min
Lab File: BM031235.D
Acq: 29 Jul 2021 06:48

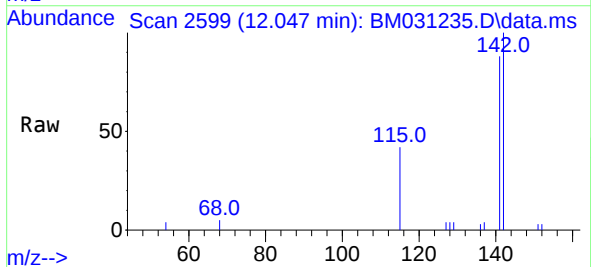


Tgt Ion:128 Resp: 4033

Ion	Ratio	Lower	Upper
128	100		
129	13.1	10.0	15.0
127	15.4	11.6	17.4

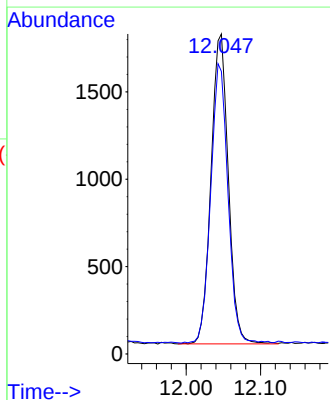
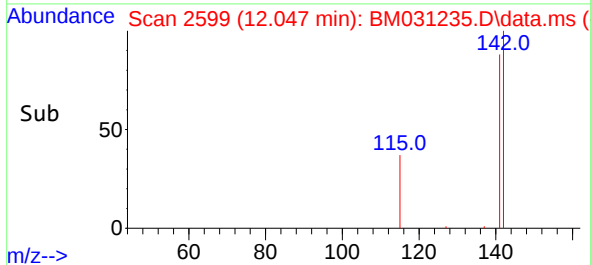


#7
2-Methylnaphthalene
Concen: 0.183 ng/ul
RT: 12.047 min Scan# 2599
Delta R.T. -0.000 min
Lab File: BM031235.D
Acq: 29 Jul 2021 06:48



Tgt Ion:142 Resp: 2861

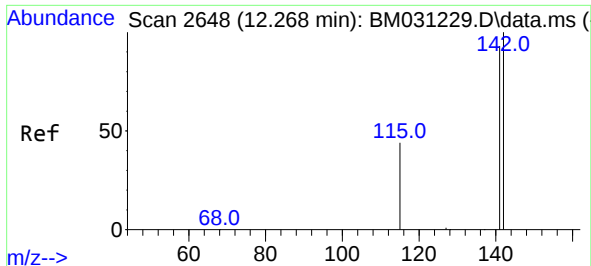
Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.4	107.0



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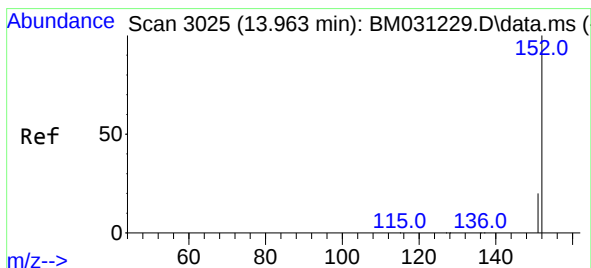
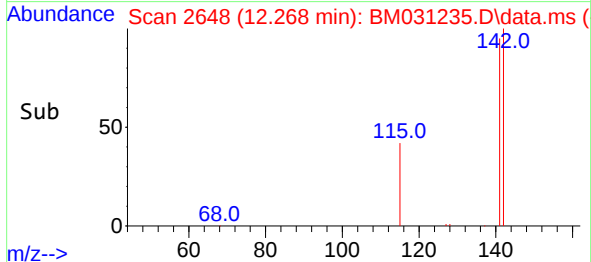
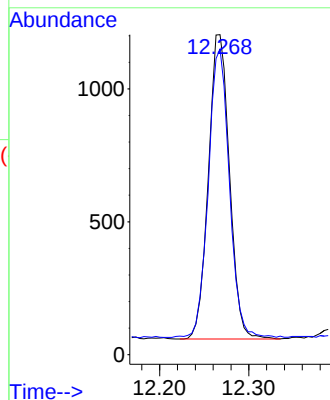
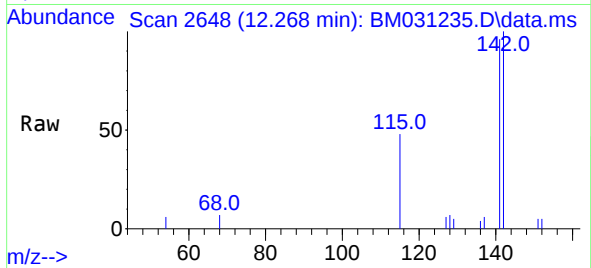
#8
1-Methylnaphthalene
Concen: 0.122 ng/ul
RT: 12.268 min Scan# 2648
Delta R.T. -0.000 min
Lab File: BM031235.D
Acq: 29 Jul 2021 06:48

Tgt Ion:142 Resp: 1889
Ion Ratio Lower Upper
142 100
141 94.2 74.1 111.1

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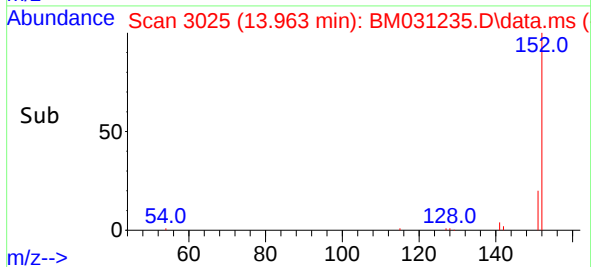
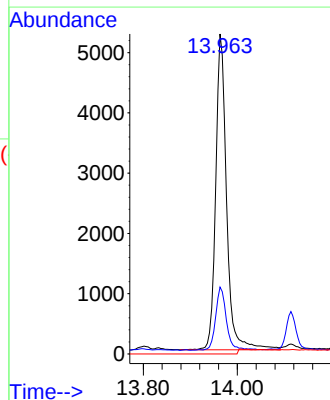
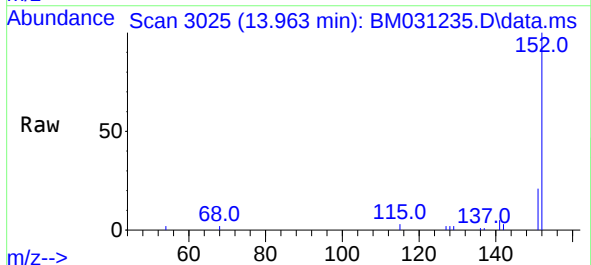
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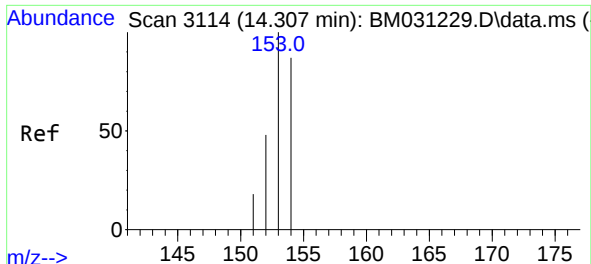
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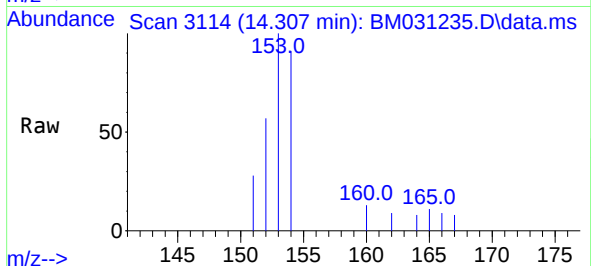
#10
Acenaphthylene
Concen: 0.407 ng/ul
RT: 13.963 min Scan# 3025
Delta R.T. -0.005 min
Lab File: BM031235.D
Acq: 29 Jul 2021 06:48

Tgt Ion:152 Resp: 7897
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 0.0 0.0 0.0

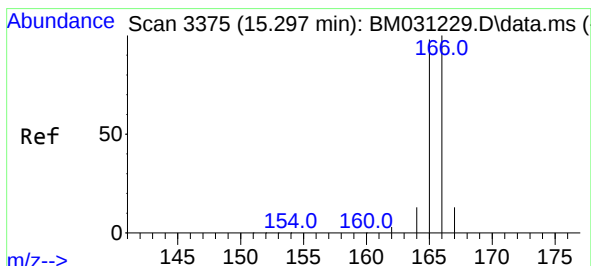
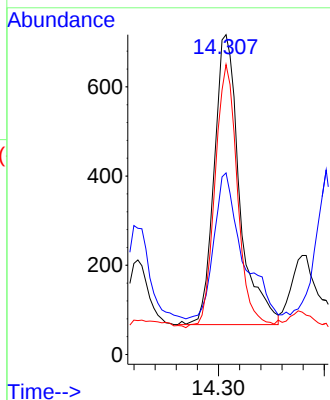
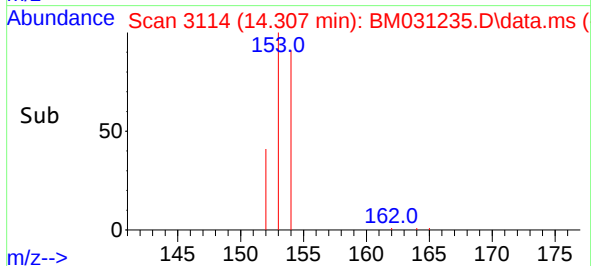




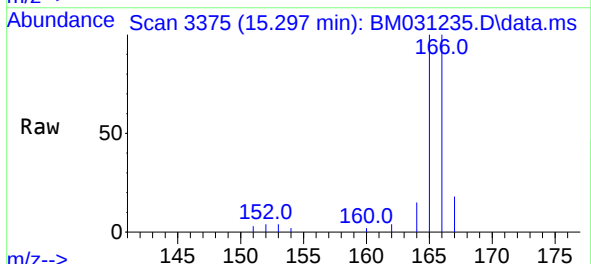
#11
Acenaphthene
Concen: 0.067 ng/ul
RT: 14.307 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM031235.D
Acq: 29 Jul 2021 06:48



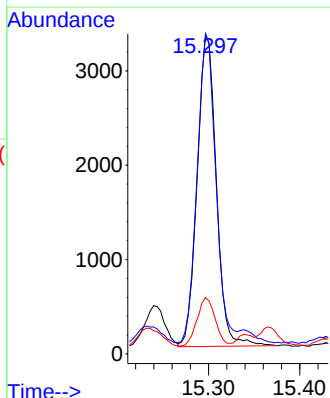
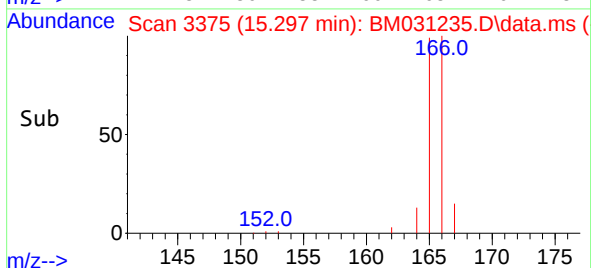
Tgt Ion:153 Resp: 1087
Ion Ratio Lower Upper
153 100
152 56.8 40.7 61.1
154 90.7 70.2 105.2



#12
Fluorene
Concen: 0.256 ng/ul
RT: 15.297 min Scan# 3375
Delta R.T. -0.004 min
Lab File: BM031235.D
Acq: 29 Jul 2021 06:48



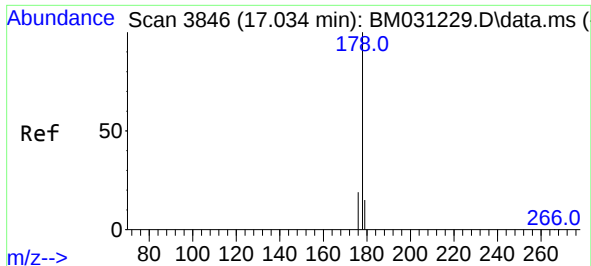
Tgt Ion:166 Resp: 4815
Ion Ratio Lower Upper
166 100
165 100.0 78.0 117.0
167 17.6 12.0 18.0



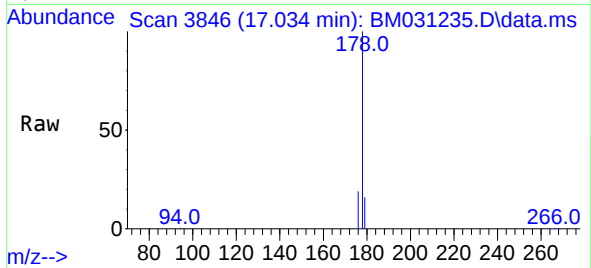
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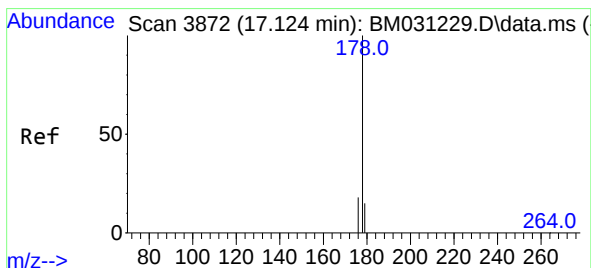
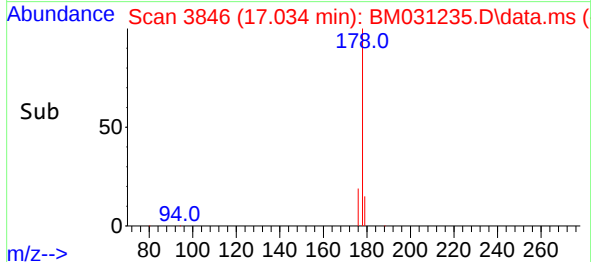
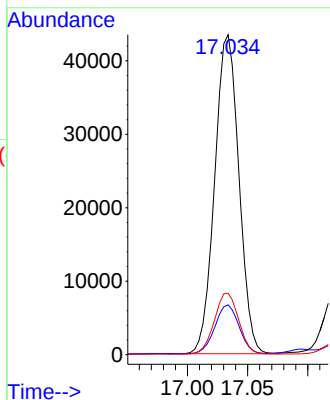
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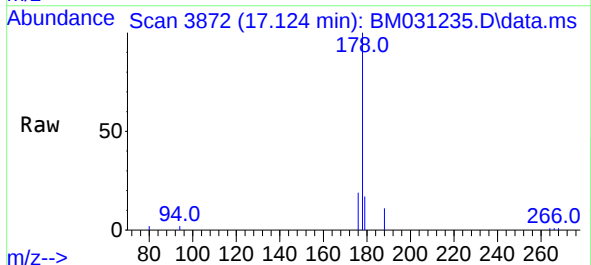
#15
Phenanthrene
Concen: 2.154 ng/ul
RT: 17.034 min Scan# 3846
Delta R.T. -0.000 min
Lab File: BM031235.D
Acq: 29 Jul 2021 06:48



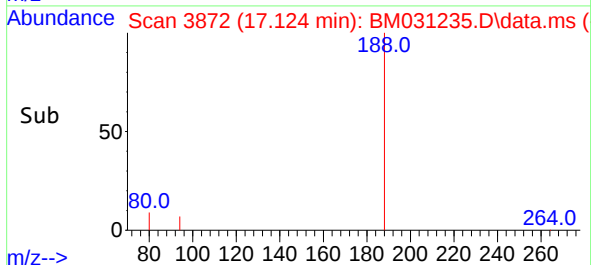
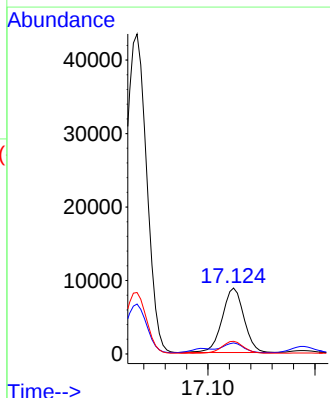
Tgt Ion:178 Resp: 60647
Ion Ratio Lower Upper
178 100
179 15.6 13.3 19.9
176 19.2 16.2 24.4



#16
Anthracene
Concen: 0.467 ng/ul
RT: 17.124 min Scan# 3872
Delta R.T. -0.000 min
Lab File: BM031235.D
Acq: 29 Jul 2021 06:48



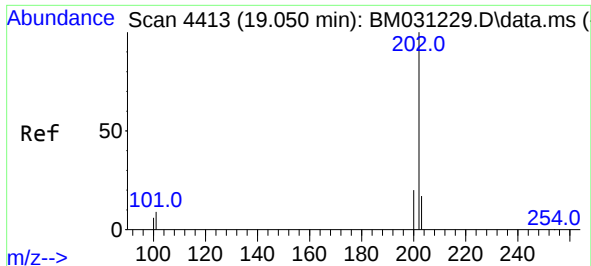
Tgt Ion:178 Resp: 12325
Ion Ratio Lower Upper
178 100
179 16.8 13.0 19.6
176 19.2 15.6 23.4



Instrument :
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ClientSampled :
C0013

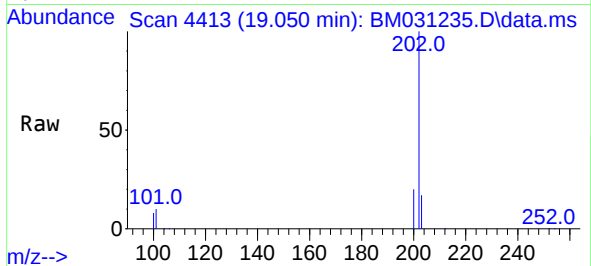
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#19
Fluoranthene
Concen: 4.667 ng/u1
RT: 19.050 min Scan# 4413
Delta R.T. -0.004 min
Lab File: BM031235.D
Acq: 29 Jul 2021 06:48

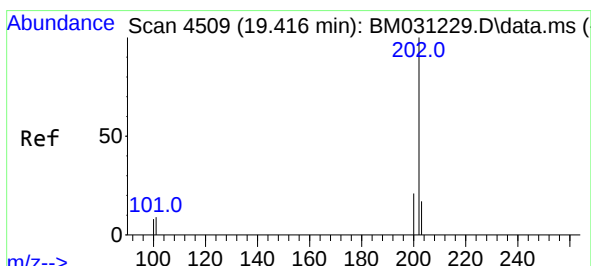
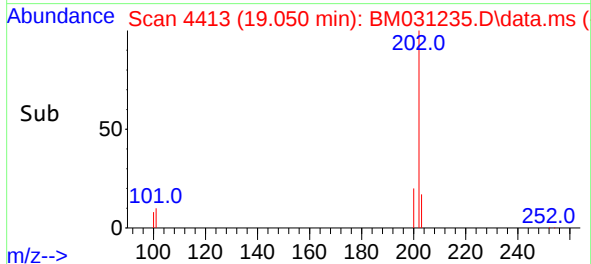
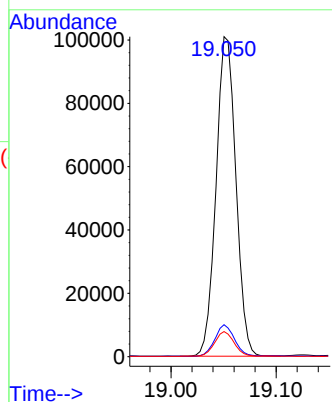
Instrument :
BNA_M
ClientSampleId :
C0013



Tgt Ion:202 Resp: 132375
Ion Ratio Lower Upper
202 100
101 10.0 6.6 10.0#
100 7.9 5.4 8.0

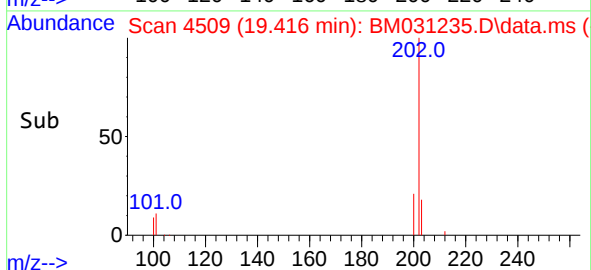
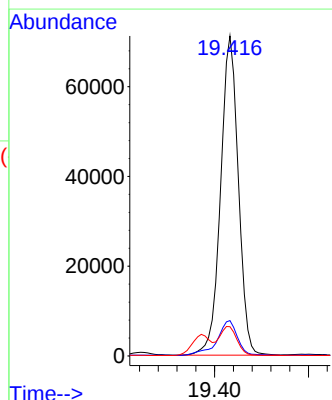
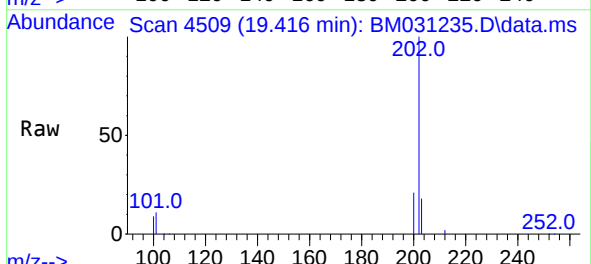
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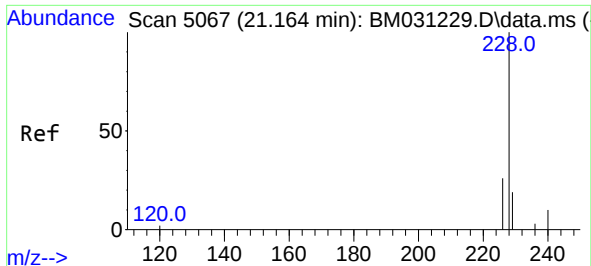
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#20
Pyrene
Concen: 3.243 ng/u1
RT: 19.416 min Scan# 4509
Delta R.T. -0.000 min
Lab File: BM031235.D
Acq: 29 Jul 2021 06:48

Tgt Ion:202 Resp: 93286
Ion Ratio Lower Upper
202 100
101 11.0 7.8 11.6
100 9.1 6.6 10.0





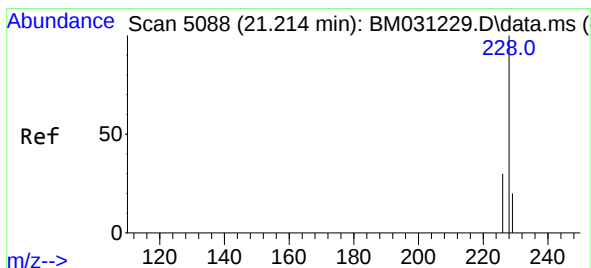
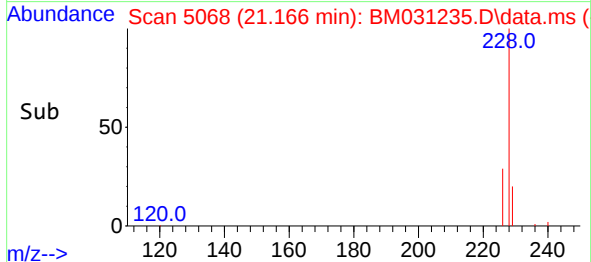
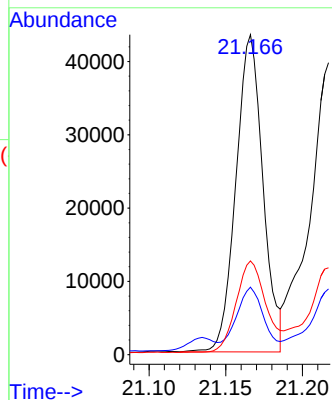
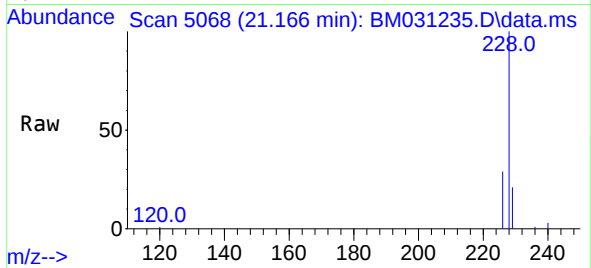
#21
Benzo(a)anthracene
Concen: 1.972 ng/ul
RT: 21.166 min Scan# 5068
Delta R.T. -0.000 min
Lab File: BM031235.D
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Tgt Ion:	228	Resp:	52882
Ion Ratio	Lower	Upper	
228	100		
229	21.1	15.6	23.4
226	29.3	21.7	32.5

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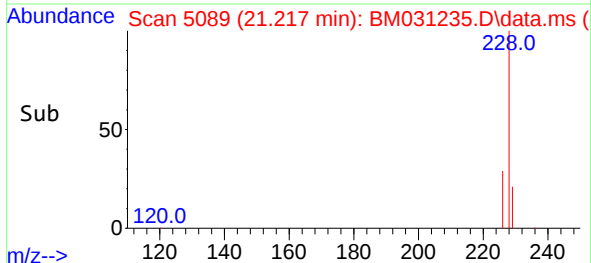
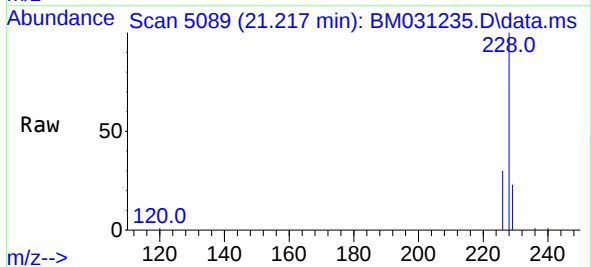
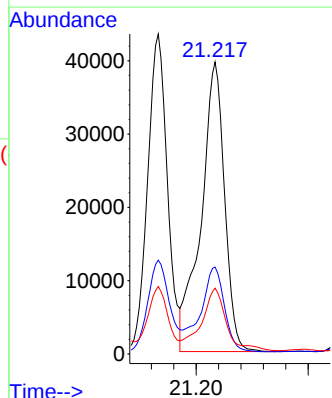
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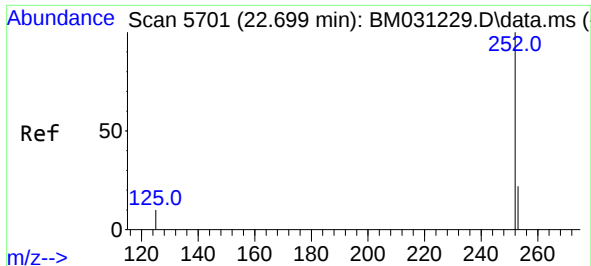
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#22
Chrysene
Concen: 2.079 ng/ul
RT: 21.217 min Scan# 5089
Delta R.T. -0.000 min
Lab File: BM031235.D
Acq: 29 Jul 2021 06:48

Tgt Ion:	228	Resp:	57683
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.7	37.1
229	22.5	16.2	24.2





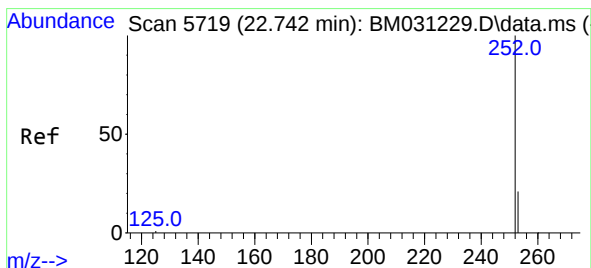
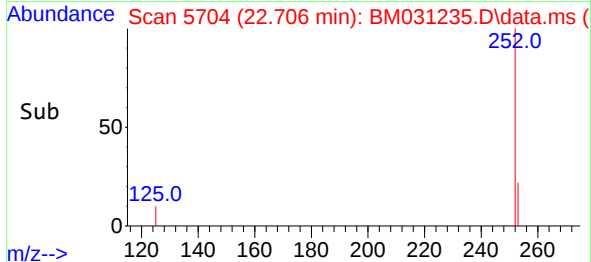
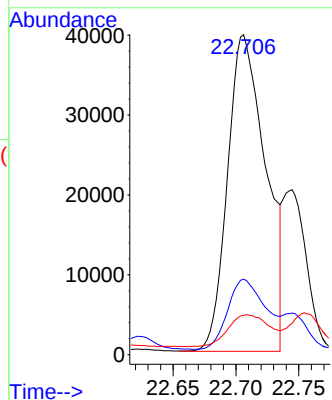
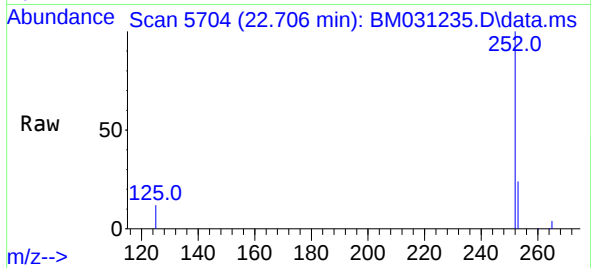
#24
Benzo(b)fluoranthene
Concen: 2.892 ng/ul m
RT: 22.706 min Scan# 5704
Delta R.T. -0.000 min
Lab File: BM031235.D
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Tgt Ion:	252	Resp:	83889
Ion Ratio	Lower	Upper	
252	100		
253	23.6	0.0	53.0
125	12.3	0.0	22.8

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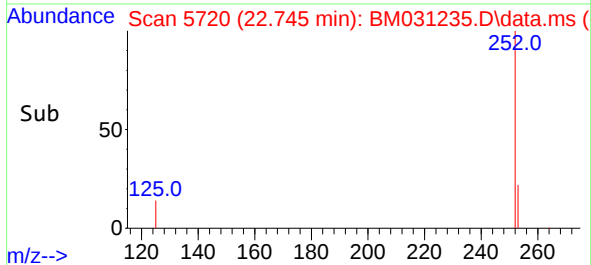
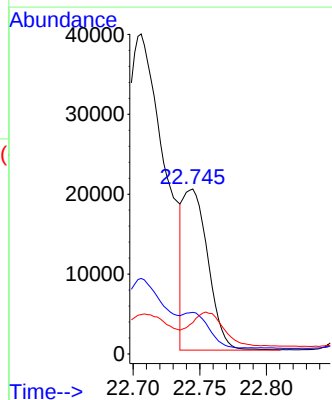
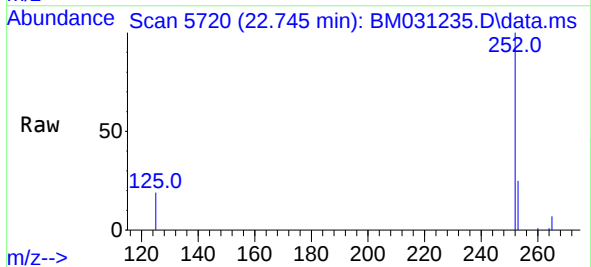
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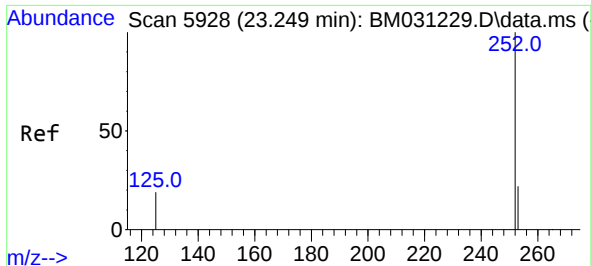
mohammad
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#25
Benzo(k)fluoranthene
Concen: 0.879 ng/ul m
RT: 22.745 min Scan# 5720
Delta R.T. -0.002 min
Lab File: BM031235.D
Acq: 29 Jul 2021 06:48

Tgt Ion:	252	Resp:	26354
Ion Ratio	Lower	Upper	
252	100		
253	25.2	21.3	31.9
125	19.0	8.8	13.2#





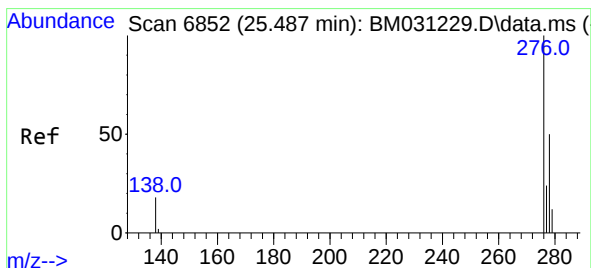
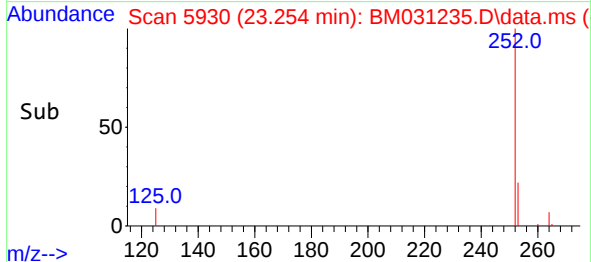
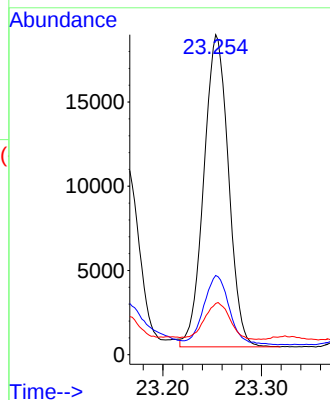
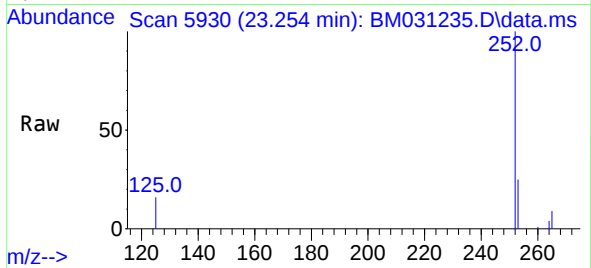
#26
Benzo(a)pyrene
Concen: 1.269 ng/ul
RT: 23.254 min Scan# 5930
Delta R.T. -0.002 min
Lab File: BM031235.D
Acq: 29 Jul 2021 06:48

Tgt Ion:	252	Resp:	32237
Ion Ratio	Lower	Upper	
252	100		
253	24.7	22.4	33.6
125	16.0	13.0	19.4

Instrument :
BNA_M
ClientSampled :
C0013

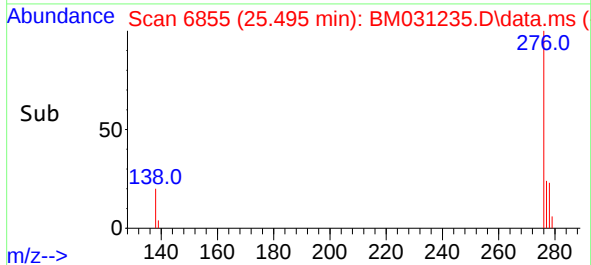
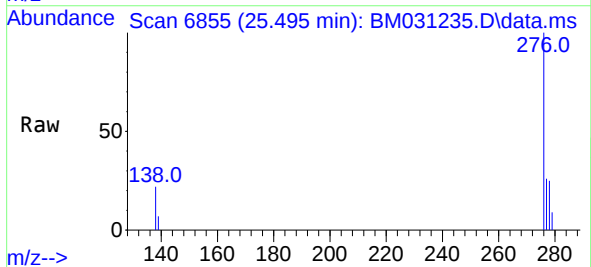
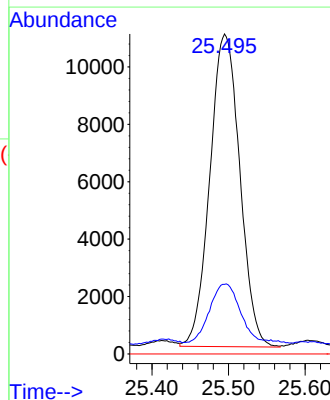
Manual Integrations
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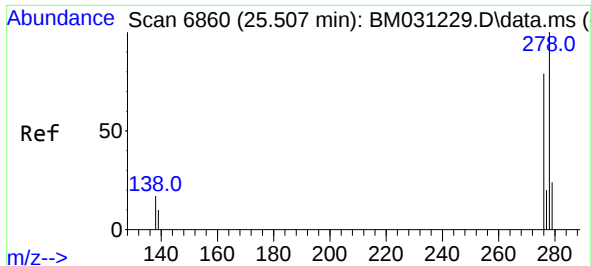
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.902 ng/ul
RT: 25.495 min Scan# 6855
Delta R.T. -0.002 min
Lab File: BM031235.D
Acq: 29 Jul 2021 06:48

Tgt Ion:	276	Resp:	29615
Ion Ratio	Lower	Upper	
276	100		
138	20.0	15.8	23.8
227	0.0	0.0	0.0





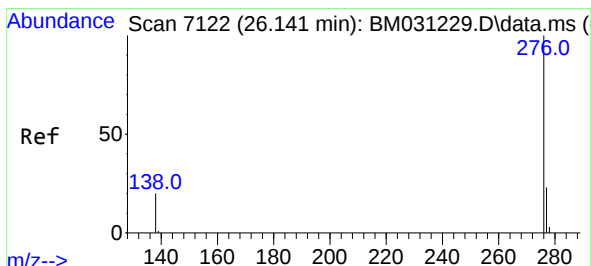
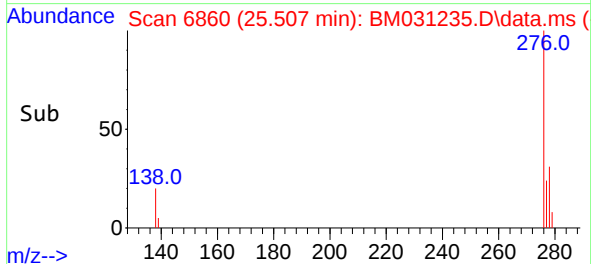
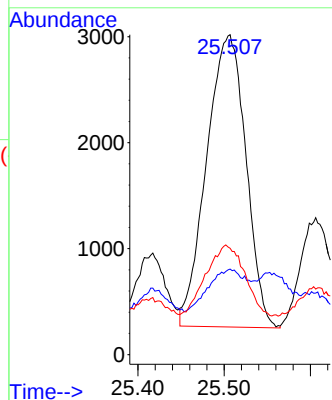
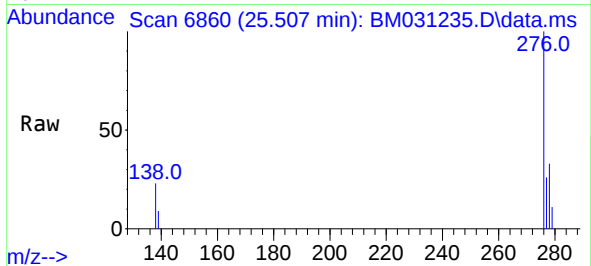
#28
Dibenzo(a,h)anthracene
Concen: 0.330 ng/ul
RT: 25.507 min Scan# 6860
Delta R.T. -0.007 min
Lab File: BM031235.D
Acq: 29 Jul 2021 06:48

Tgt Ion: 278 Resp: 8734
Ion Ratio Lower Upper
278 100
139 26.7 13.3 19.9#
279 33.2 22.8 34.2

Instrument :
BNA_M
ClientSampled :
C0013

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#29
Benzo(g,h,i)perylene
Concen: 0.068 ng/ul
RT: 26.149 min Scan# 7125
Delta R.T. -0.000 min
Lab File: BM031235.D
Acq: 29 Jul 2021 06:48

Tgt Ion: 276 Resp: 1909
Ion Ratio Lower Upper
276 100
138 46.4 15.4 23.2#
277 45.0 19.9 29.9#

