

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031338.D
 Acq On : 01 Aug 2021 07:41
 Operator : CG/JU
 Sample : M3091-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0046

Manual Integrations
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Quant Time: Aug 02 01:16:02 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 : Fri Jul 30 14:16:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	1385	0.400	ng/ul	0.00
4) Naphthalene-d8	10.364	136	5355	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.231	164	3641	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.981	188	6721	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.171	240	5505	0.400	ng/ul	# 0.00
23) Perylene-d12	23.333	264	5126	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	3682	2.394	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.956	152	1416	0.157	ng/ul	0.00
18) Fluoranthene-d10	19.012	212	3160	0.172	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.414	128	23824	1.494	ng/ul	97
7) 2-Methylnaphthalene	12.033	142	27596	2.532	ng/ul	100
8) 1-Methylnaphthalene	12.253	142	13719	1.274	ng/ul	100
10) Acenaphthylene	13.953	152	7209	0.465	ng/ul	99
11) Acenaphthene	14.295	153	1966m	0.151	ng/ul	
12) Fluorene	15.289	166	2257	0.150	ng/ul#	84
15) Phenanthrene	17.023	178	67769	3.175	ng/ul	97
16) Anthracene	17.113	178	23284	1.165	ng/ul	99
19) Fluoranthene	19.042	202	147647	6.281	ng/ul	97
20) Pyrene	19.408	202	105263	4.415	ng/ul	98
21) Benzo(a)anthracene	21.156	228	53980	2.428	ng/ul	95
22) Chrysene	21.207	228	83161	3.616	ng/ul	96
24) Benzo(b)fluoranthene	22.694	252	98080m	4.247	ng/ul	
25) Benzo(k)fluoranthene	22.727	252	32372m	1.357	ng/ul	
26) Benzo(a)pyrene	23.241	252	31410	1.553	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.470	276	26017	0.995	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.477	278	7876	0.374	ng/ul#	87
29) Benzo(g,h,i)perylene	26.127	276	19345	0.867	ng/ul	98

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

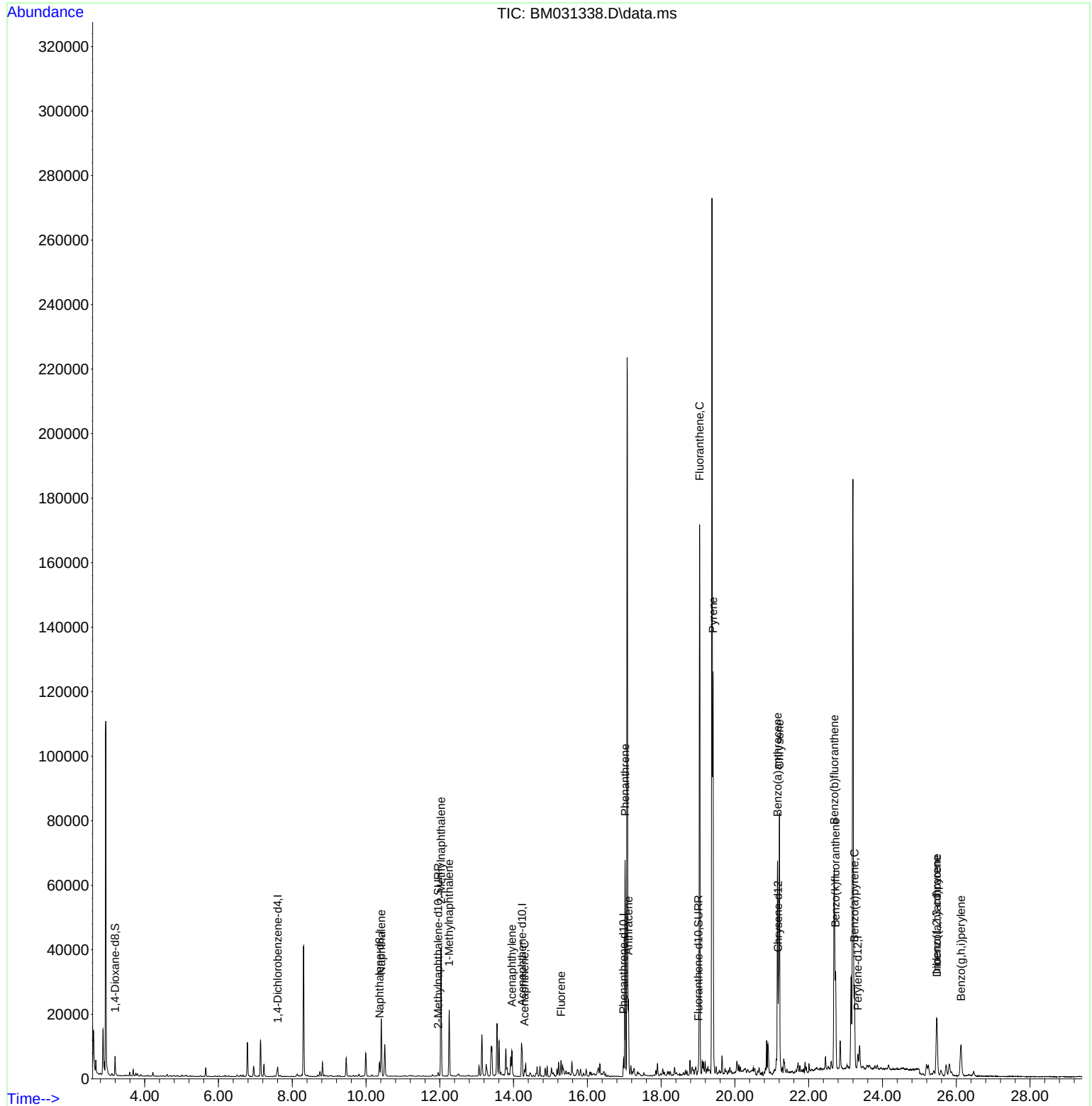
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Data File : BM031338.D
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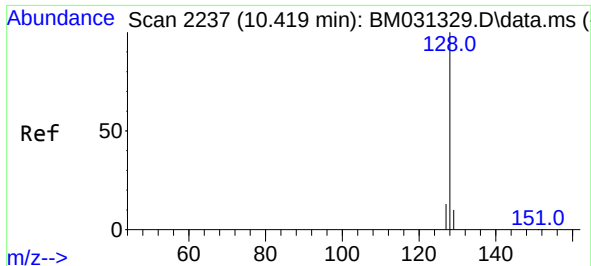
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QLast Update : Fri Jul 30 14:16:52 2021
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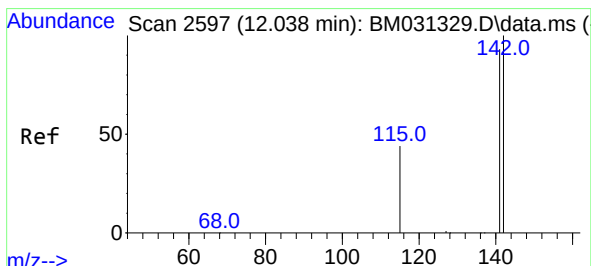
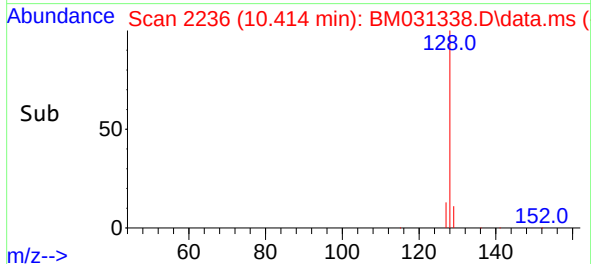
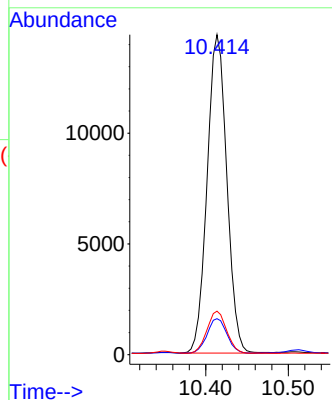
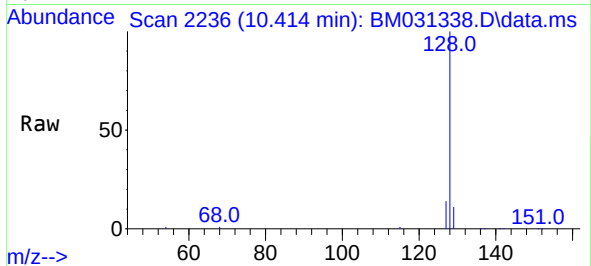
#5
Naphthalene
Concen: 1.494 ng/ul
RT: 10.414 min Scan# 2236
Delta R.T. -0.009 min
Lab File: BM031338.D
Acq: 01 Aug 2021 07:41

Tgt Ion:	128	Resp:	23824
Ion Ratio	Lower	Upper	
128	100		
129	11.2	10.0	15.0
127	13.6	11.6	17.4

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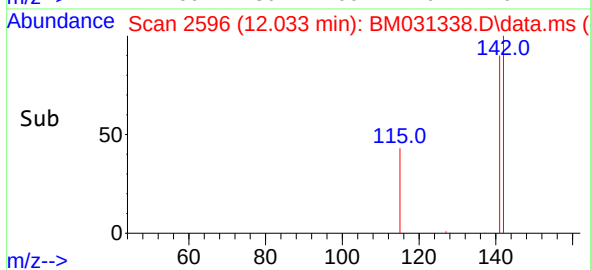
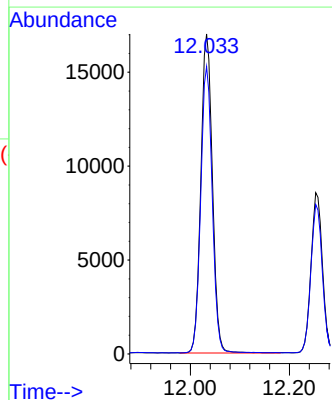
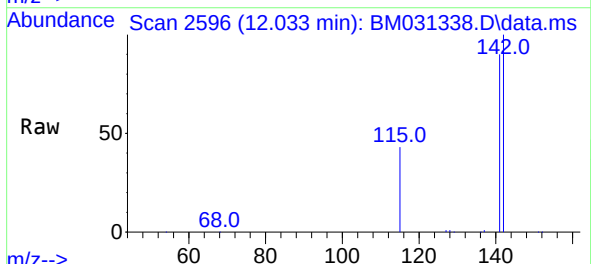
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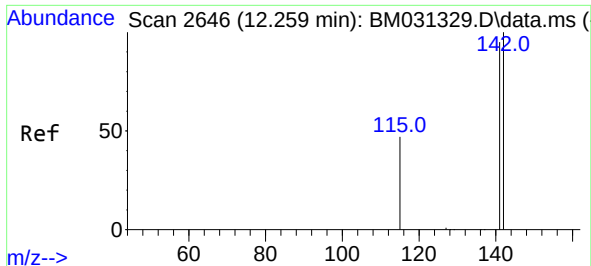
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#7
2-Methylnaphthalene
Concen: 2.532 ng/ul
RT: 12.033 min Scan# 2596
Delta R.T. -0.009 min
Lab File: BM031338.D
Acq: 01 Aug 2021 07:41

Tgt Ion:	142	Resp:	27596
Ion Ratio	Lower	Upper	
142	100		
141	89.5	71.4	107.0





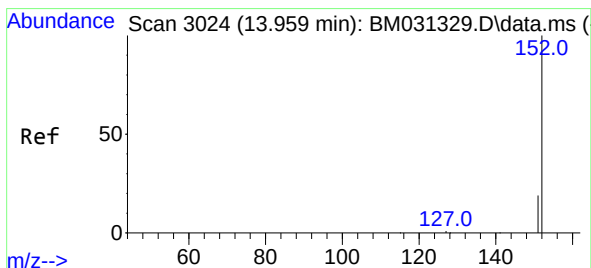
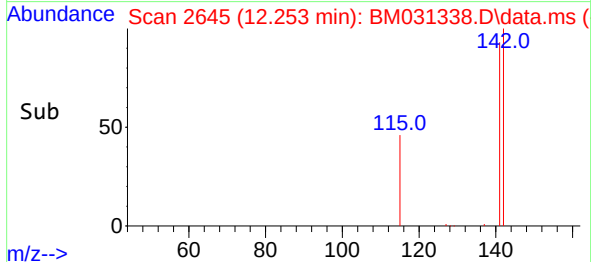
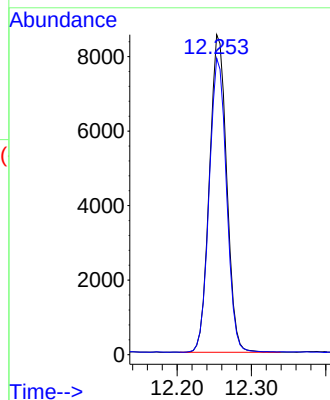
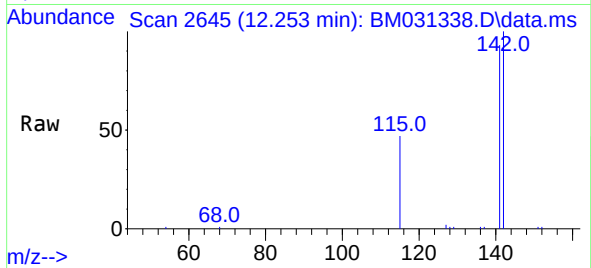
#8
1-Methylnaphthalene
Concen: 1.274 ng/ul
RT: 12.253 min Scan# 2645
Delta R.T. -0.013 min
Lab File: BM031338.D
Acq: 01 Aug 2021 07:41

Tgt Ion:142 Resp: 13719
Ion Ratio Lower Upper
142 100
141 92.8 74.1 111.1

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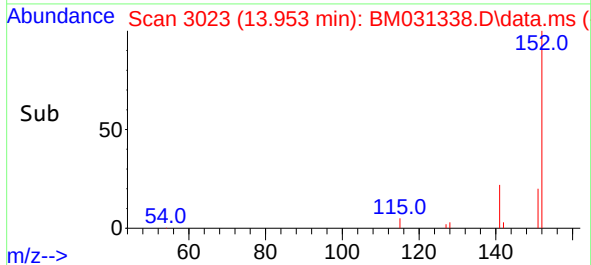
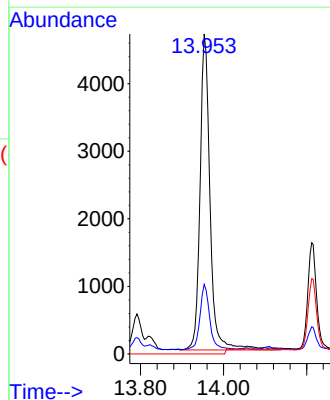
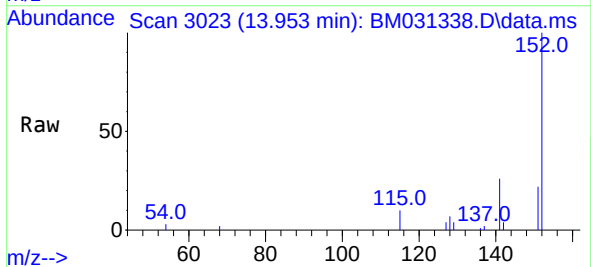
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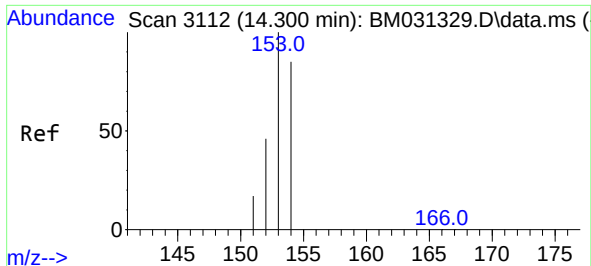
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#10
Acenaphthylene
Concen: 0.465 ng/ul
RT: 13.953 min Scan# 3023
Delta R.T. -0.009 min
Lab File: BM031338.D
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Tgt Ion:152 Resp: 7209
Ion Ratio Lower Upper
152 100
151 21.7 16.9 25.3
153 0.0 0.0 0.0





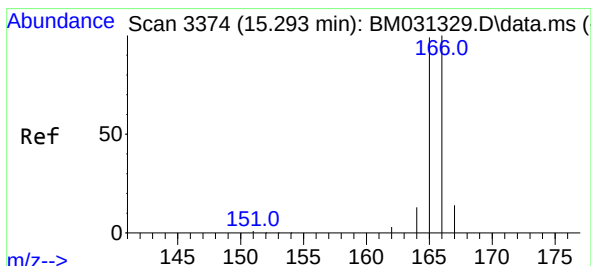
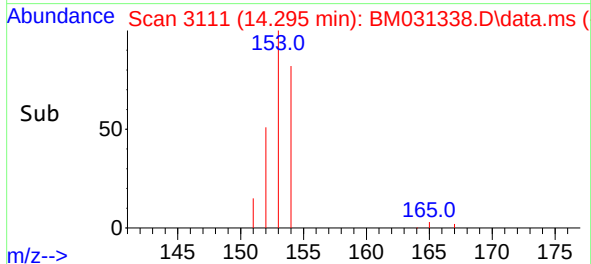
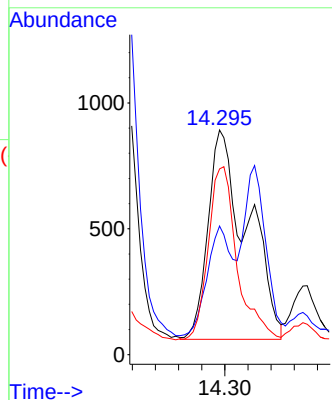
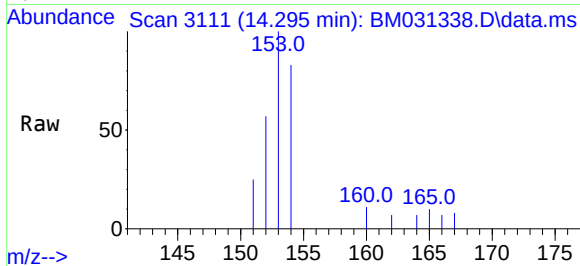
#11
Acenaphthene
Concen: 0.151 ng/ul m
RT: 14.295 min Scan# 3111
Delta R.T. -0.008 min
Lab File: BM031338.D
Acq: 01 Aug 2021 07:41

Tgt Ion:153 Resp: 1966
Ion Ratio Lower Upper
153 100
152 57.3 40.7 61.1
154 82.7 70.2 105.2

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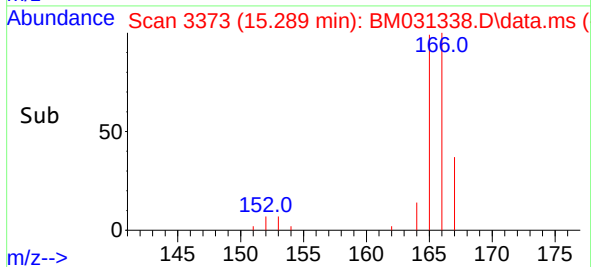
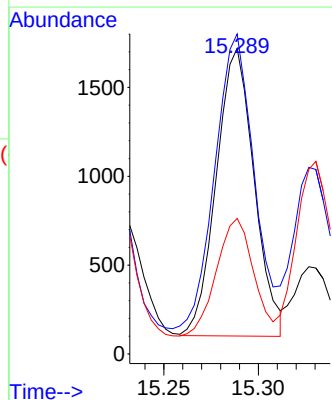
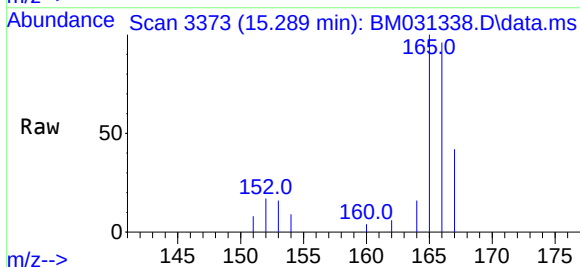
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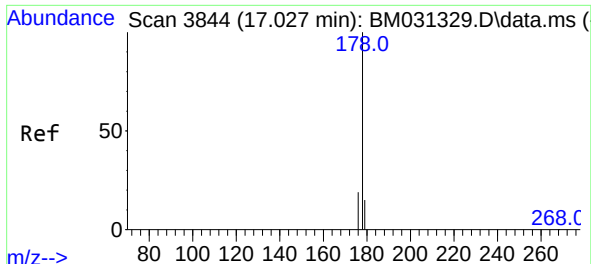
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#12
Fluorene
Concen: 0.150 ng/ul
RT: 15.289 min Scan# 3373
Delta R.T. -0.008 min
Lab File: BM031338.D
Acq: 01 Aug 2021 07:41

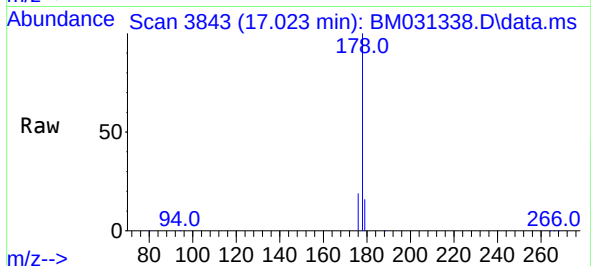
Tgt Ion:166 Resp: 2257
Ion Ratio Lower Upper
166 100
165 104.7 78.0 117.0
167 44.4 12.0 18.0#





#15
Phenanthrene
Concen: 3.175 ng/ul
RT: 17.023 min Scan# 3843
Delta R.T. -0.007 min
Lab File: BM031338.D
Acq: 01 Aug 2021 07:41

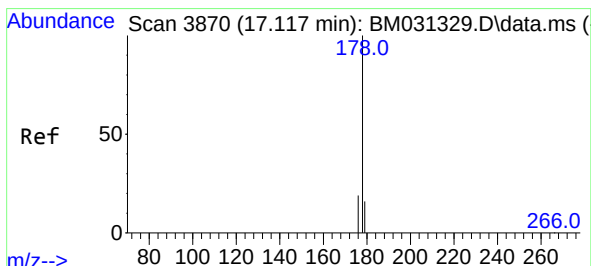
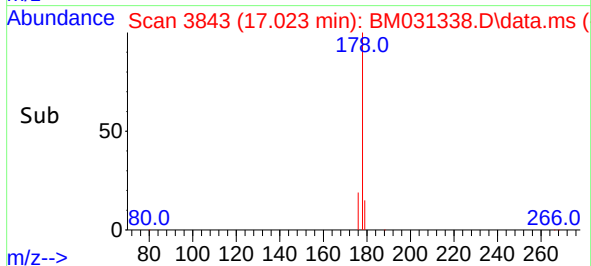
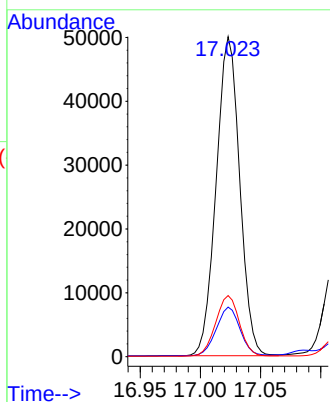
Instrument :
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Tgt Ion:178	Resp:	67769
Ion Ratio	Lower	Upper
178	100	
179	15.5	13.3 19.9
176	19.1	16.2 24.4

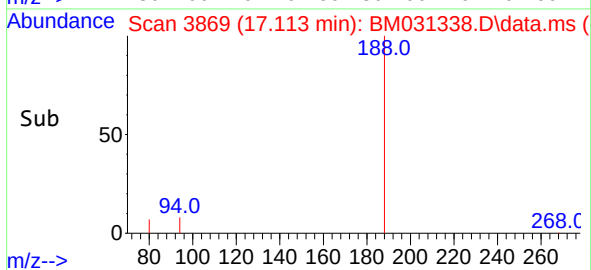
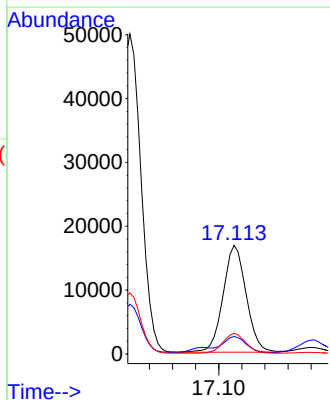
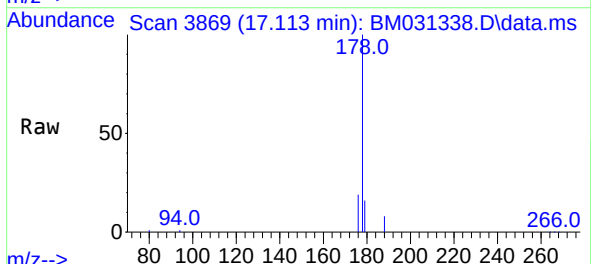
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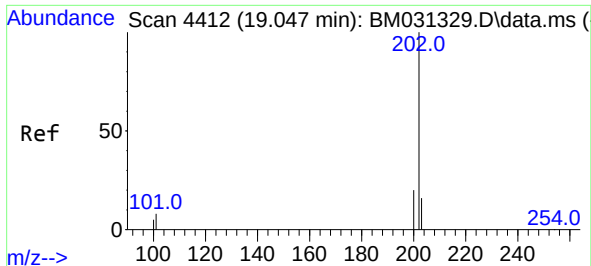
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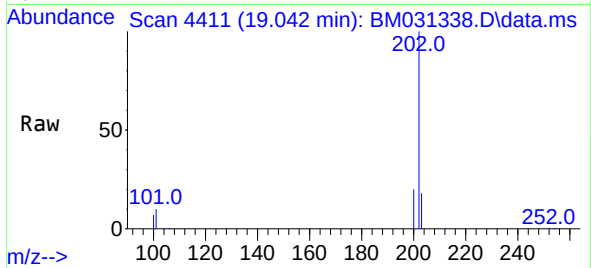
#16
Anthracene
Concen: 1.165 ng/ul
RT: 17.113 min Scan# 3869
Delta R.T. -0.007 min
Lab File: BM031338.D
Acq: 01 Aug 2021 07:41

Tgt Ion:178	Resp:	23284
Ion Ratio	Lower	Upper
178	100	
179	16.1	13.0 19.6
176	19.0	15.6 23.4

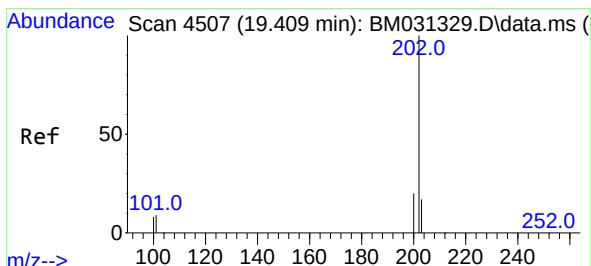
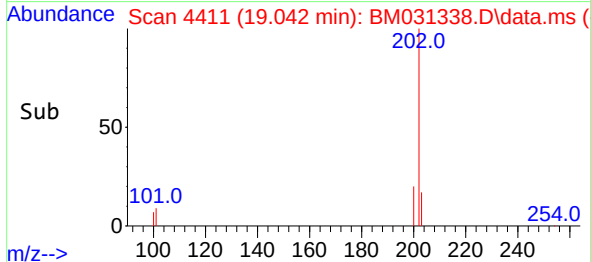
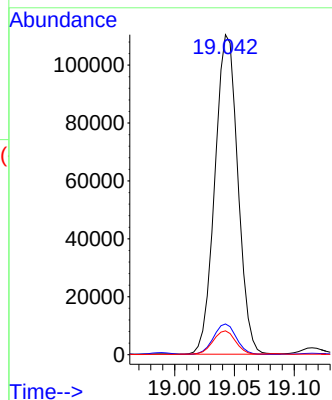




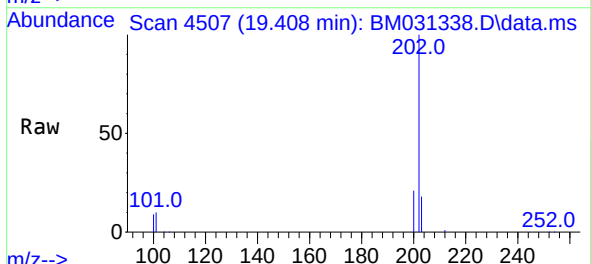
#19
Fluoranthene
Concen: 6.281 ng/ul
RT: 19.042 min Scan# 4411
Delta R.T. -0.008 min
Lab File: BM031338.D
Acq: 01 Aug 2021 07:41



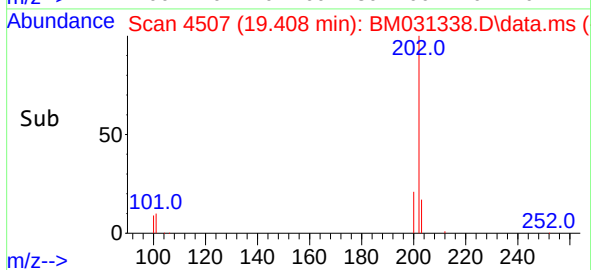
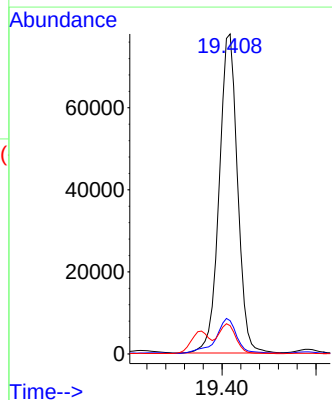
Tgt Ion:202 Resp: 147647
Ion Ratio Lower Upper
202 100
101 9.6 6.6 10.0
100 7.5 5.4 8.0



#20
Pyrene
Concen: 4.415 ng/ul
RT: 19.408 min Scan# 4507
Delta R.T. -0.004 min
Lab File: BM031338.D
Acq: 01 Aug 2021 07:41



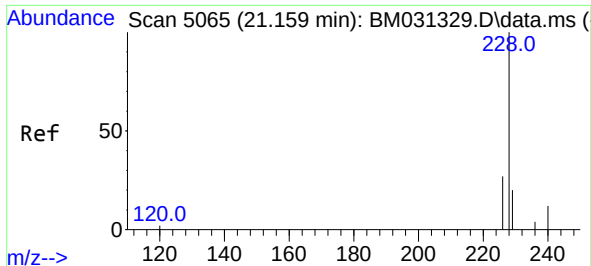
Tgt Ion:202 Resp: 105263
Ion Ratio Lower Upper
202 100
101 10.4 7.8 11.6
100 8.9 6.6 10.0



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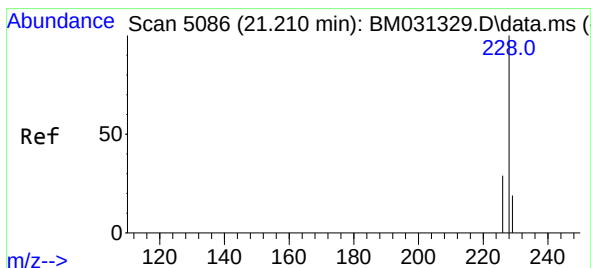
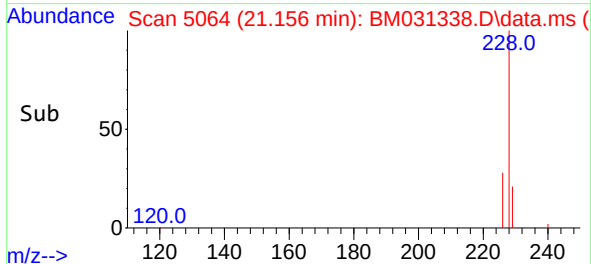
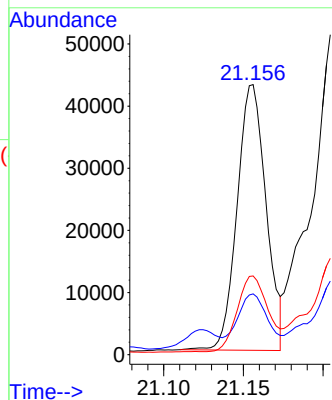
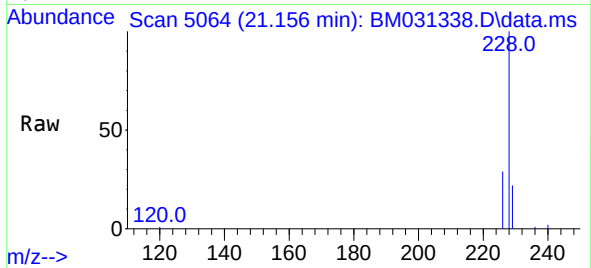
#21
Benzo(a)anthracene
Concen: 2.428 ng/ul
RT: 21.156 min Scan# 5064
Delta R.T. -0.005 min
Lab File: BM031338.D
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Tgt Ion:228	Resp:	53980
Ion Ratio	Lower	Upper
228	100	
229	22.5	15.6 23.4
226	29.2	21.7 32.5

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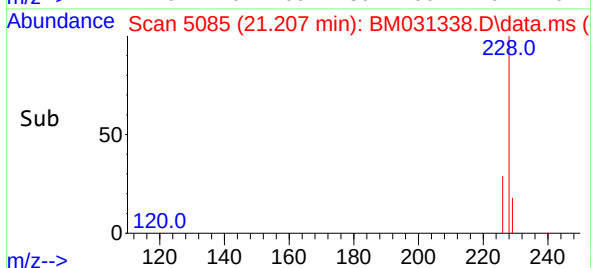
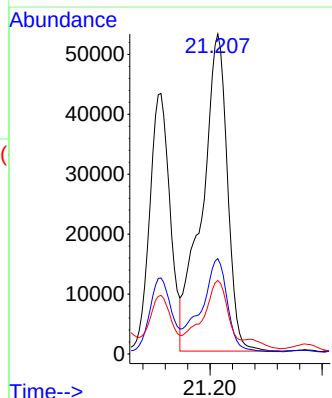
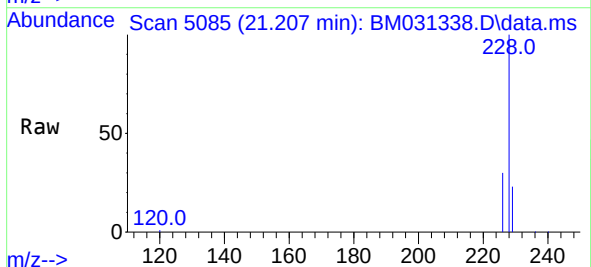
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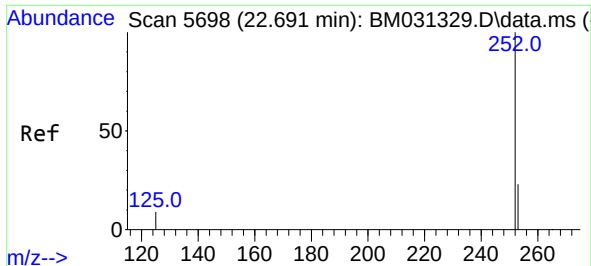
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#22
Chrysene
Concen: 3.616 ng/ul
RT: 21.207 min Scan# 5085
Delta R.T. -0.007 min
Lab File: BM031338.D
Acq: 01 Aug 2021 07:41

Tgt Ion:228	Resp:	83161
Ion Ratio	Lower	Upper
228	100	
226	29.8	24.7 37.1
229	23.0	16.2 24.2





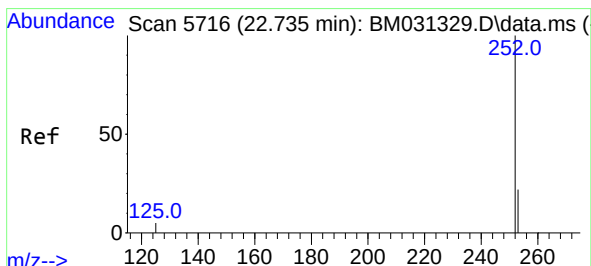
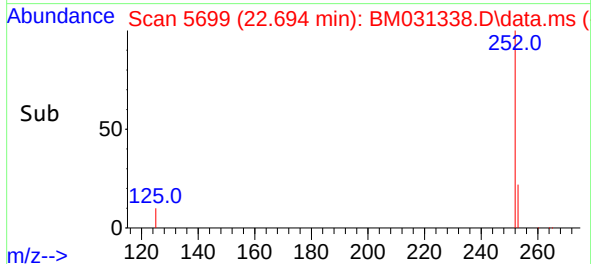
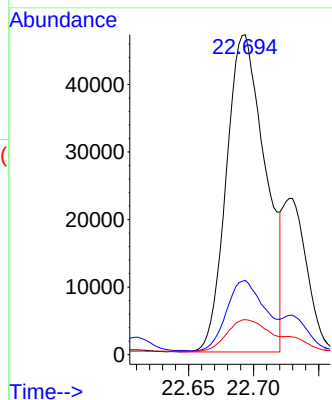
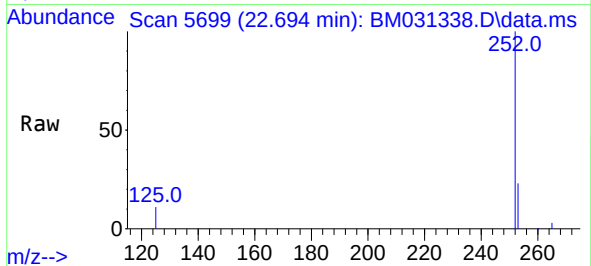
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Benzo(b)fluoranthene
Concen: 4.247 ng/ul m
RT: 22.694 min Scan# 5699
Delta R.T. -0.005 min
Lab File: BM031338.D
Acq: 01 Aug 2021 07:41

Tgt Ion:252	Resp:	98080
Ion Ratio	Lower	Upper
252	100	
253	23.2	0.0 53.0
125	10.9	0.0 22.8

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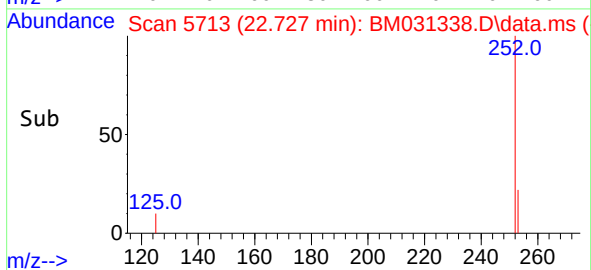
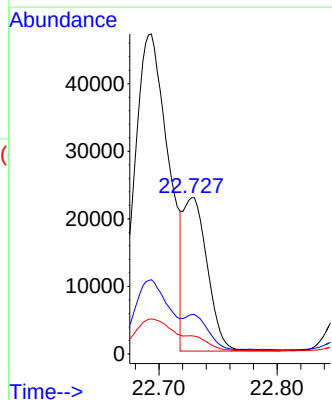
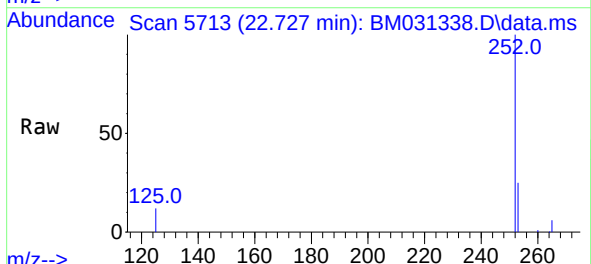
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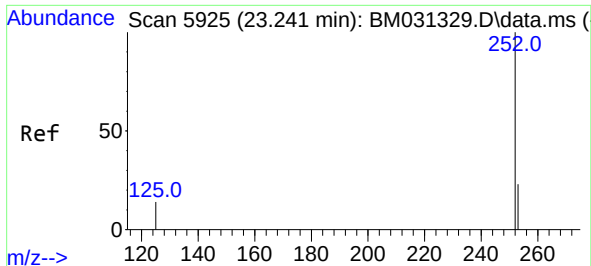
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#25
Benzo(k)fluoranthene
Concen: 1.357 ng/ul m
RT: 22.727 min Scan# 5713
Delta R.T. -0.012 min
Lab File: BM031338.D
Acq: 01 Aug 2021 07:41

Tgt Ion:252	Resp:	32372
Ion Ratio	Lower	Upper
252	100	
253	25.2	21.3 31.9
125	11.6	8.8 13.2





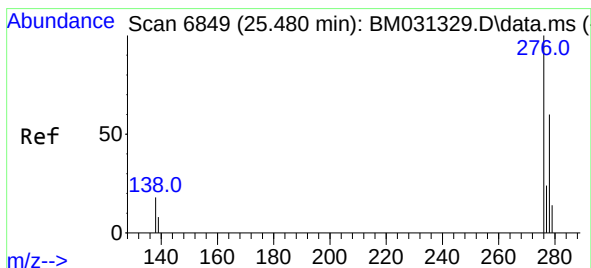
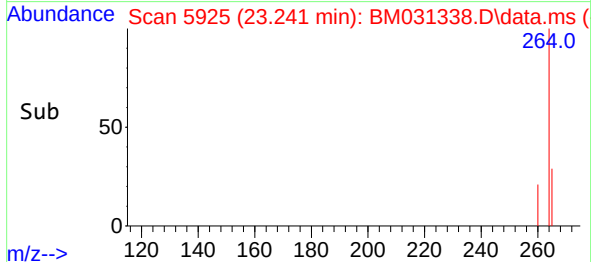
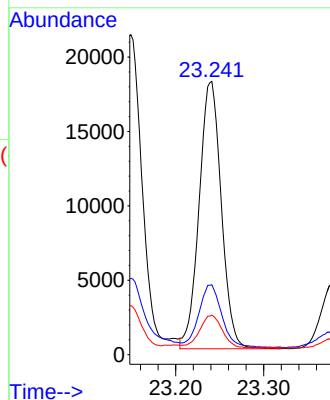
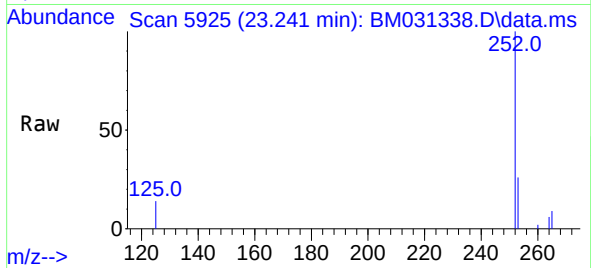
#26
Benzo(a)pyrene
Concen: 1.553 ng/ul
RT: 23.241 min Scan# 5925
Delta R.T. -0.007 min
Lab File: BM031338.D
Acq: 01 Aug 2021 07:41

Tgt Ion:	252	Resp:	31410
Ion Ratio	Lower	Upper	
252	100		
253	25.6	22.4	33.6
125	14.5	13.0	19.4

Instrument :
BNA_M
ClientSampled :
C0046

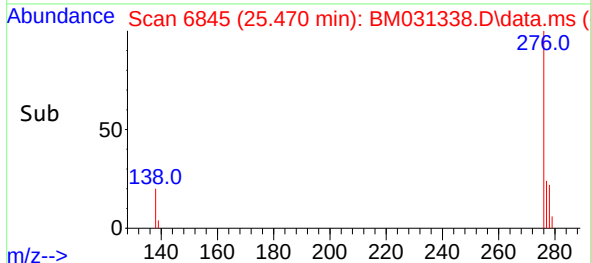
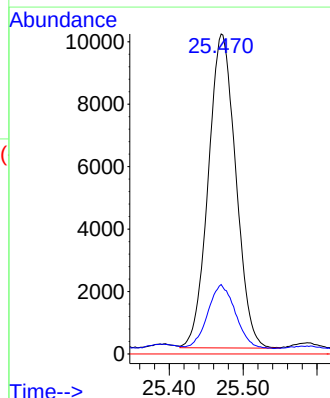
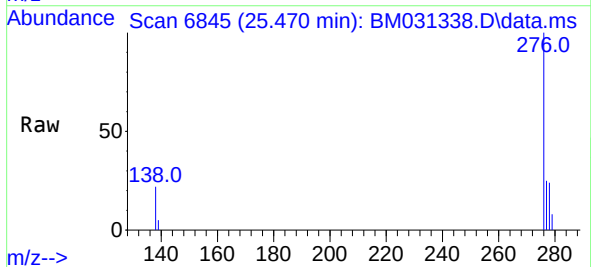
Manual Integrations
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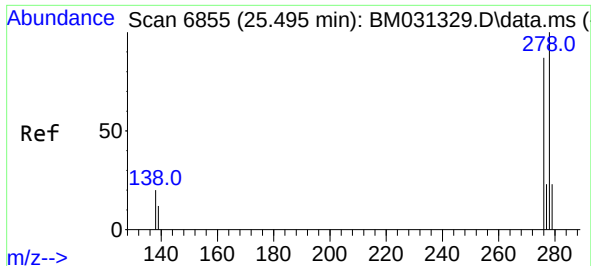
mohammad
8/2/2021 3:42:58 PM



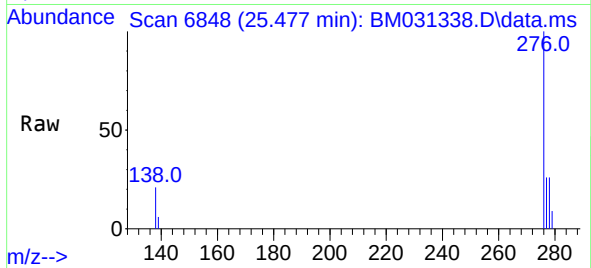
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.995 ng/ul
RT: 25.470 min Scan# 6845
Delta R.T. -0.019 min
Lab File: BM031338.D
Acq: 01 Aug 2021 07:41

Tgt Ion:	276	Resp:	26017
Ion Ratio	Lower	Upper	
276	100		
138	20.6	15.8	23.8
227	0.0	0.0	0.0

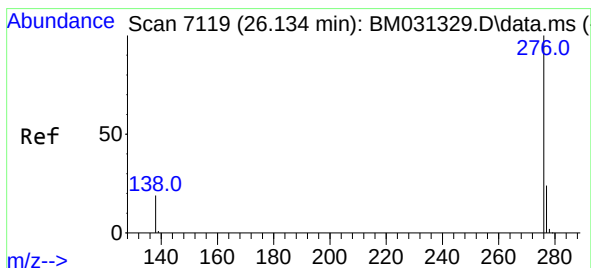
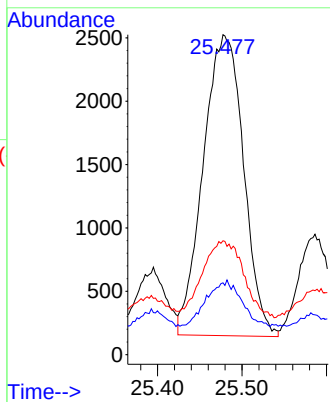
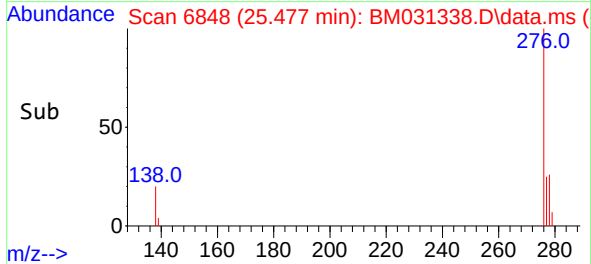




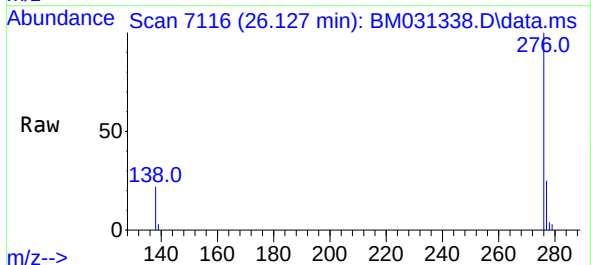
#28
Dibenzo(a,h)anthracene
Concen: 0.374 ng/ul
RT: 25.477 min Scan# 6848
Delta R.T. -0.027 min
Lab File: BM031338.D
Acq: 01 Aug 2021 07:41



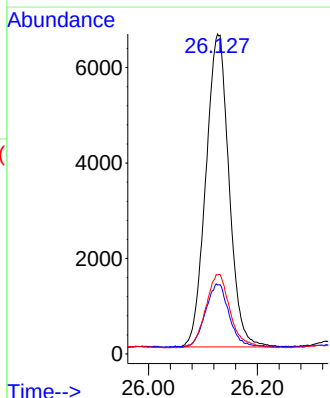
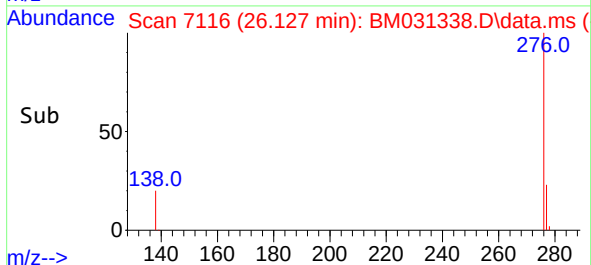
Tgt Ion: 278 Resp: 7876
Ion Ratio Lower Upper
278 100
139 22.5 13.3 19.9#
279 35.6 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.867 ng/ul
RT: 26.127 min Scan# 7116
Delta R.T. -0.017 min
Lab File: BM031338.D
Acq: 01 Aug 2021 07:41



Tgt Ion: 276 Resp: 19345
Ion Ratio Lower Upper
276 100
138 21.5 15.4 23.2
277 24.7 19.9 29.9



Instrument :
BNA_M
ClientSampleId :
C0046

Manual Integrations
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mohammad
8/2/2021 3:42:58 PM