

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
 Data File : BM030601.D
 Acq On : 25 Jun 2021 14:45
 Operator : CG/JU
 Sample : M2662-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD91

Manual Integrations
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Quant Time: Jun 25 15:15:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 25 12:45:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	3552	0.400	ng/ul	0.00
4) Naphthalene-d8	10.581	136	14147	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.421	164	8882	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.159	188	16807m	0.400	ng/ul	0.00
17) Chrysene-d12	21.326	240	11753	0.400	ng/ul	# 0.00
23) Perylene-d12	23.583	264	12412	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	12833	3.377	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.173	152	5218	0.231	ng/ul	0.00
18) Fluoranthene-d10	19.184	212	11109	0.308	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.631	128	32274	0.767	ng/ul	99
7) 2-Methylnaphthalene	12.245	142	12755	0.449	ng/ul	99
8) 1-Methylnaphthalene	12.466	142	12382	0.449	ng/ul	100
10) Acenaphthylene	14.144	152	90522	2.178	ng/ul	100
11) Acenaphthene	14.485	153	48161	1.422	ng/ul	98
12) Fluorene	15.471	166	56649	1.511	ng/ul	100
15) Phenanthrene	17.204	178	1587944	26.535	ng/ul	100
16) Anthracene	17.291	178	329824	6.291	ng/ul	99
19) Fluoranthene	19.214	202	2954581	54.682	ng/ul	98
20) Pyrene	19.577	202	1827055	33.007	ng/ul	97
21) Benzo(a)anthracene	21.311	228	1342017	28.745	ng/ul	98
22) Chrysene	21.362	228	1209010	23.327	ng/ul	97
24) Benzo(b)fluoranthene	22.905	252	1310659m	24.275	ng/ul	
25) Benzo(k)fluoranthene	22.943	252	489421m	8.643	ng/ul	
26) Benzo(a)pyrene	23.484	252	330724	6.903	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.861	276	313556	5.147	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.870	278	153302	3.155	ng/ul	99
29) Benzo(g,h,i)perylene	26.563	276	12366	0.235	ng/ul#	71

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

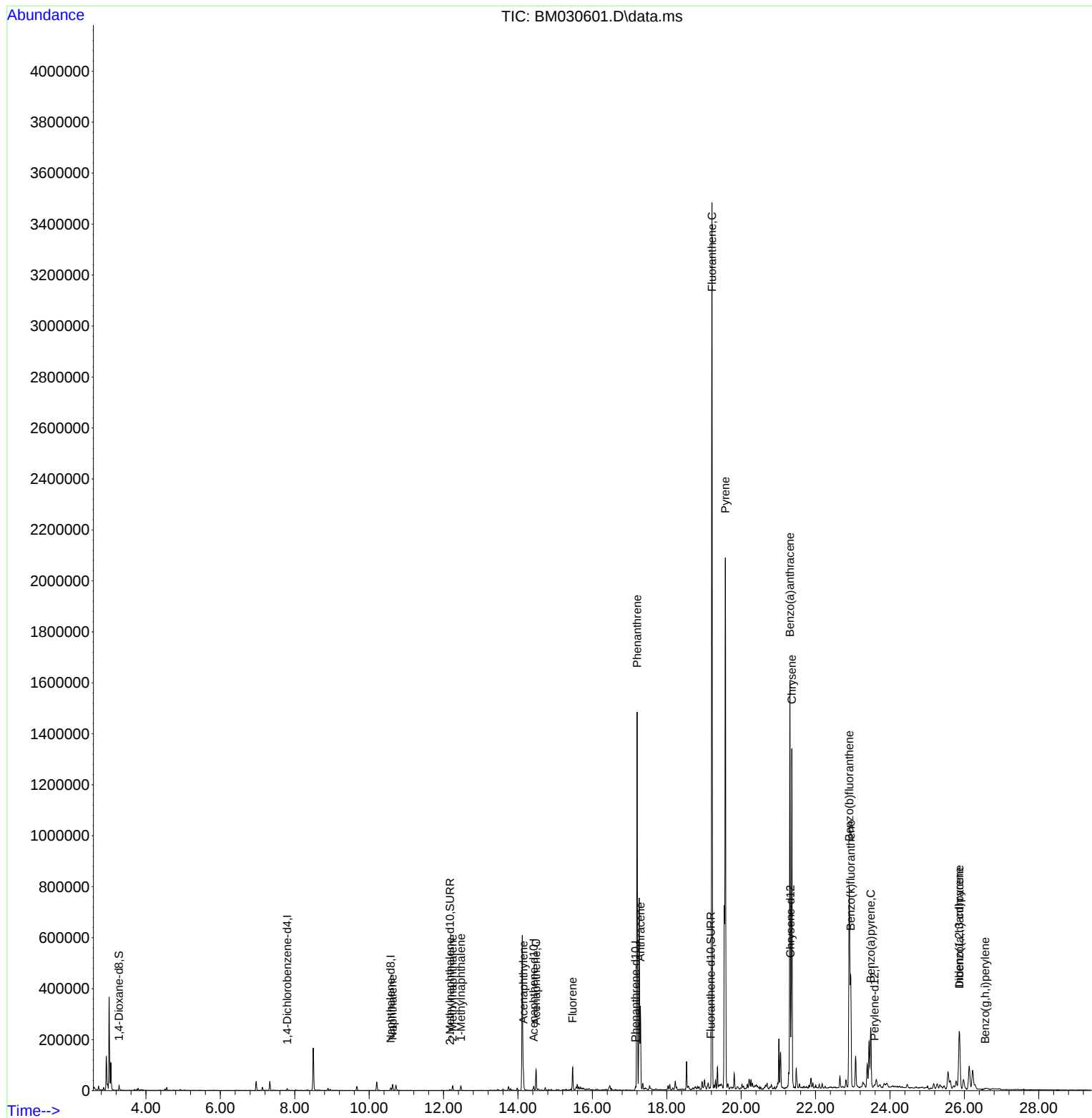
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
Data File : BM030601.D
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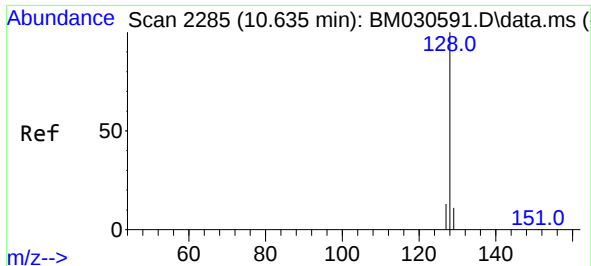
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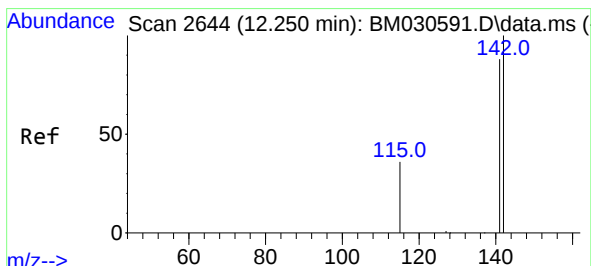
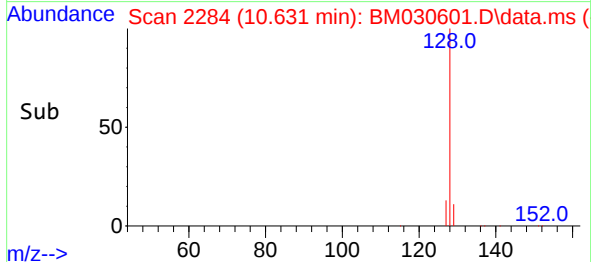
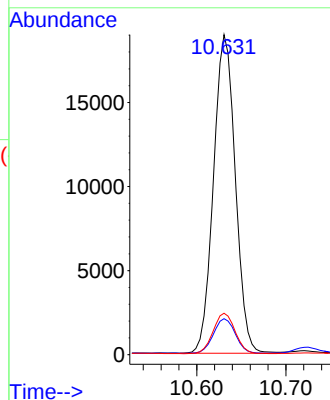
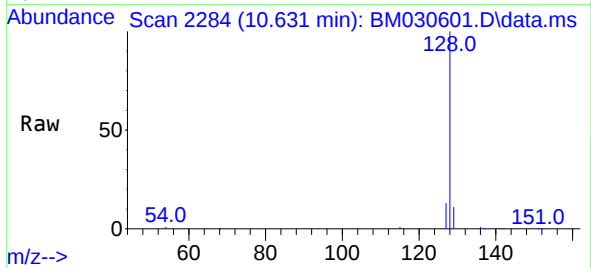
#5
Naphthalene
Concen: 0.767 ng/ul
RT: 10.631 min Scan# 2284
Delta R.T. -0.004 min
Lab File: BM030601.D
Acq: 25 Jun 2021 14:45

Tgt Ion:128	Resp:	32274
Ion Ratio	Lower	Upper
128	100	
129	11.3	9.0 13.6
127	13.0	10.9 16.3

Instrument :
BNA_M
ClientSampled :
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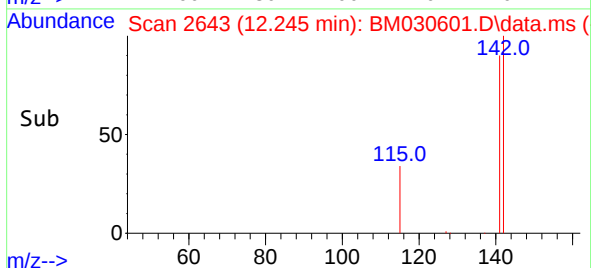
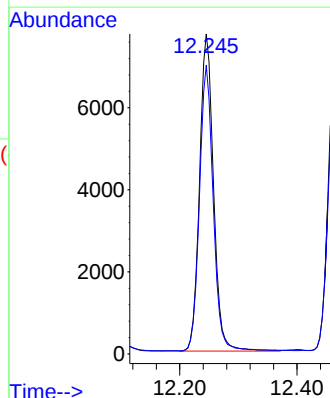
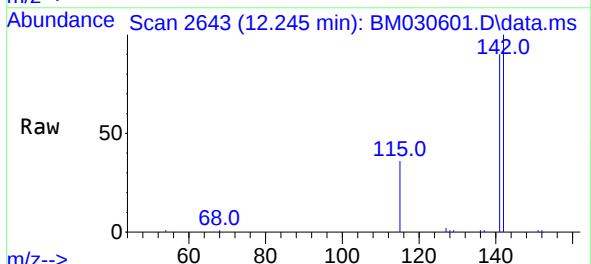
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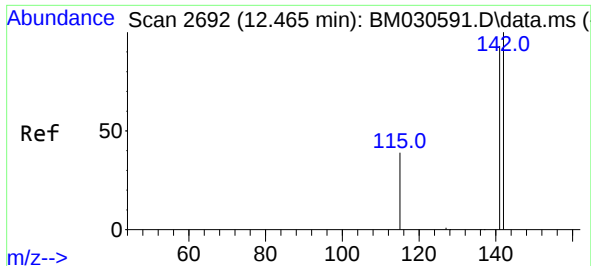
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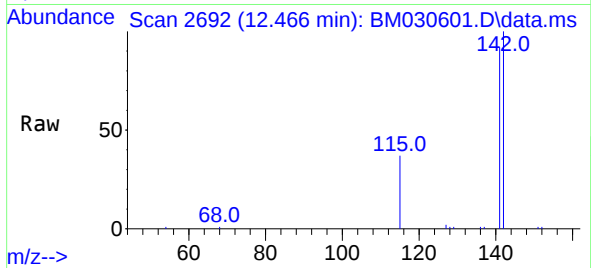
#7
2-Methylnaphthalene
Concen: 0.449 ng/ul
RT: 12.245 min Scan# 2643
Delta R.T. -0.004 min
Lab File: BM030601.D
Acq: 25 Jun 2021 14:45

Tgt Ion:142	Resp:	12755
Ion Ratio	Lower	Upper
142	100	
141	88.6	71.4 107.0

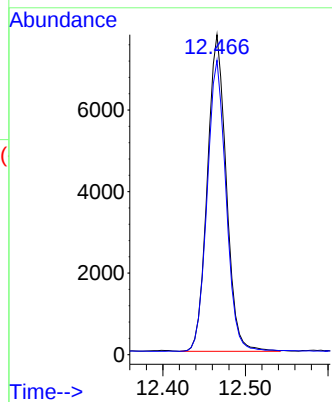




#8
1-Methylnaphthalene
Concen: 0.449 ng/ul
RT: 12.466 min Scan# 2692
Delta R.T. 0.000 min
Lab File: BM030601.D
Acq: 25 Jun 2021 14:45



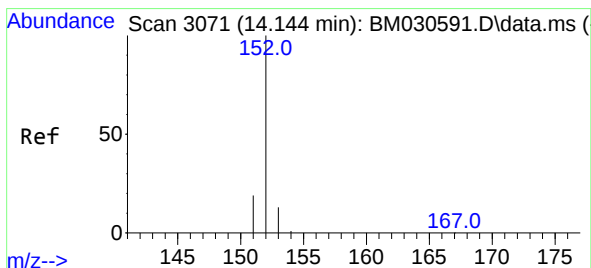
Tgt Ion:142 Resp: 12382
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.0



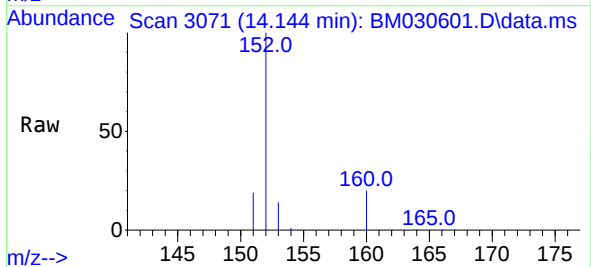
Instrument :
BNA_M
ClientSampled :
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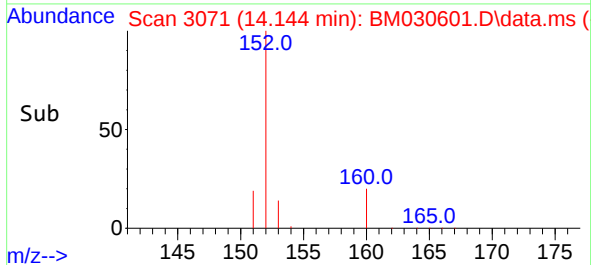
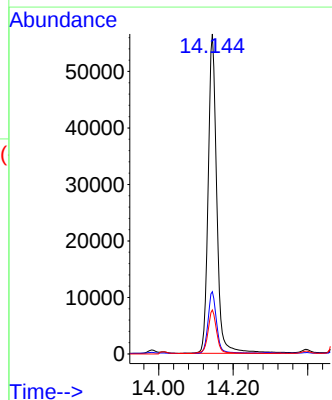
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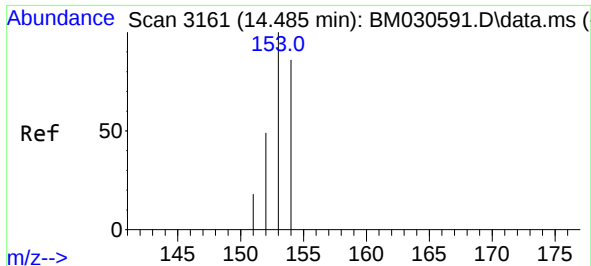


#10
Acenaphthylene
Concen: 2.178 ng/ul
RT: 14.144 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BM030601.D
Acq: 25 Jun 2021 14:45



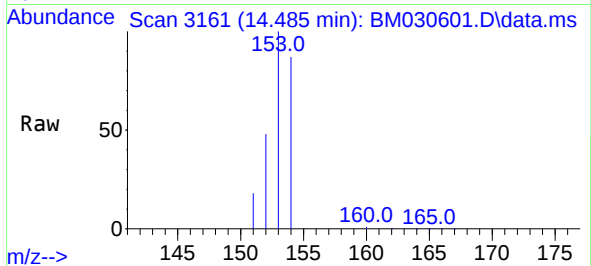
Tgt Ion:152 Resp: 90522
Ion Ratio Lower Upper
152 100
151 19.5 15.5 23.3
153 13.8 10.7 16.1





#11
Acenaphthene
Concen: 1.422 ng/ul
RT: 14.485 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM030601.D
Acq: 25 Jun 2021 14:45

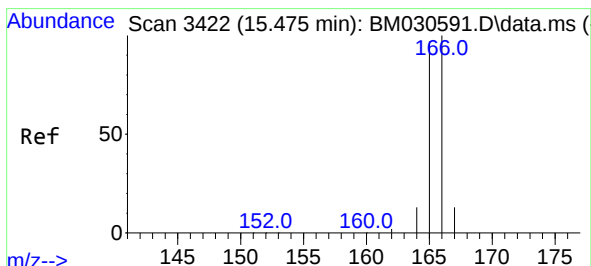
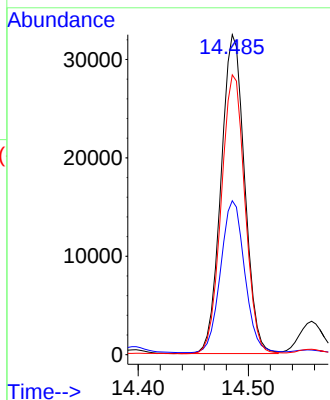
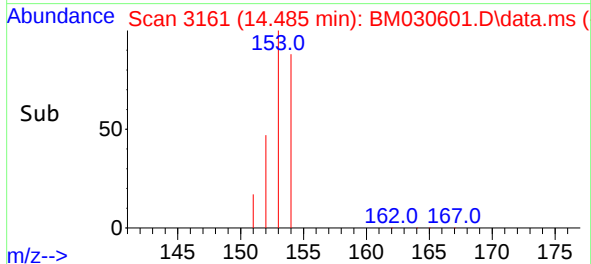
Instrument :
BNA_M
ClientSampled :
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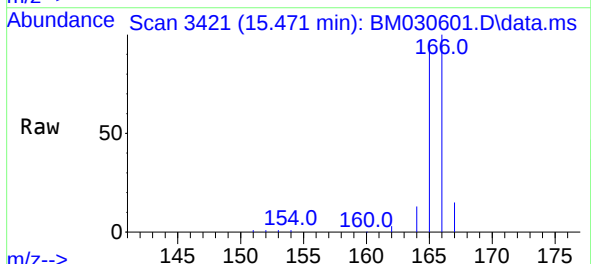
Tgt Ion:153 Resp: 48161
Ion Ratio Lower Upper
153 100
152 48.1 40.2 60.2
154 87.5 71.2 106.8

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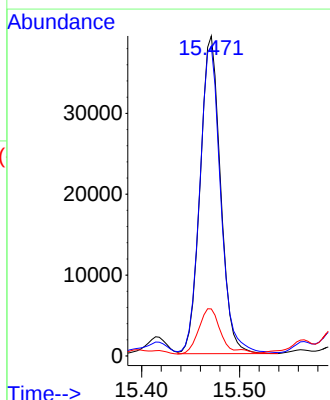
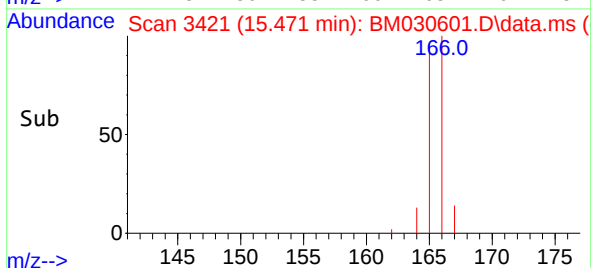
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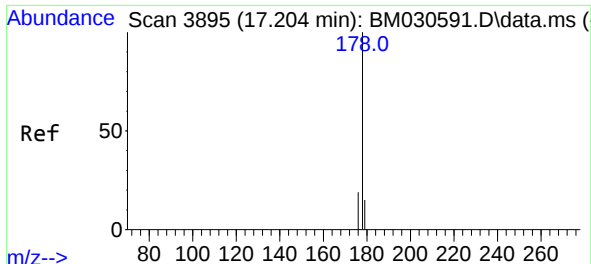


#12
Fluorene
Concen: 1.511 ng/ul
RT: 15.471 min Scan# 3421
Delta R.T. -0.004 min
Lab File: BM030601.D
Acq: 25 Jun 2021 14:45

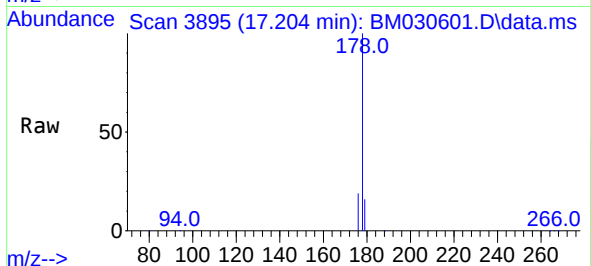


Tgt Ion:166 Resp: 56649
Ion Ratio Lower Upper
166 100
165 96.8 77.7 116.5
167 14.7 11.3 16.9



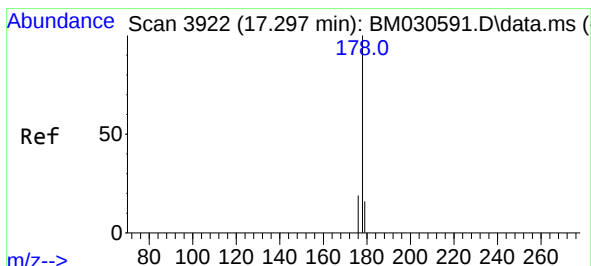
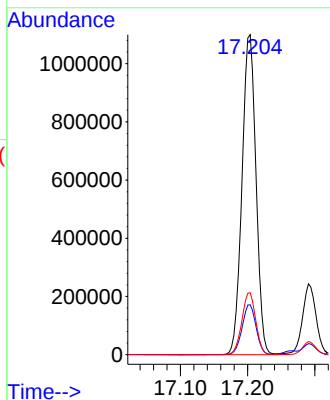
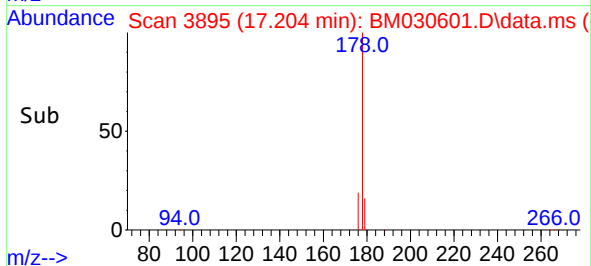


#15
Phenanthrene
Concen: 26.535 ng/ul
RT: 17.204 min Scan# 3895
Delta R.T. 0.000 min
Lab File: BM030601.D
Acq: 25 Jun 2021 14:45

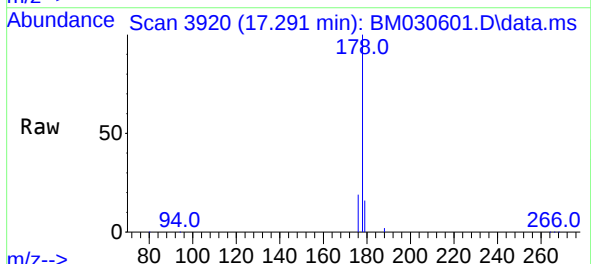


Tgt Ion:178 Resp: 1587944

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	19.3	15.5	23.3

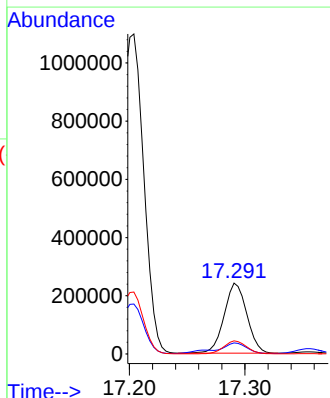
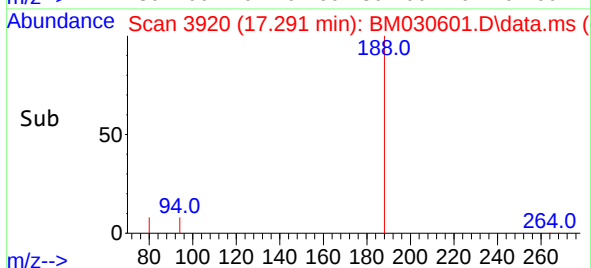


#16
Anthracene
Concen: 6.291 ng/ul
RT: 17.291 min Scan# 3920
Delta R.T. -0.007 min
Lab File: BM030601.D
Acq: 25 Jun 2021 14:45



Tgt Ion:178 Resp: 329824

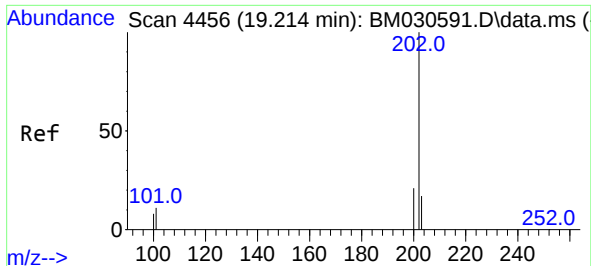
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.7	19.1
176	18.5	15.2	22.8



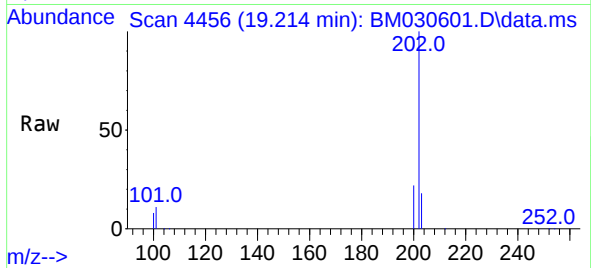
Instrument :
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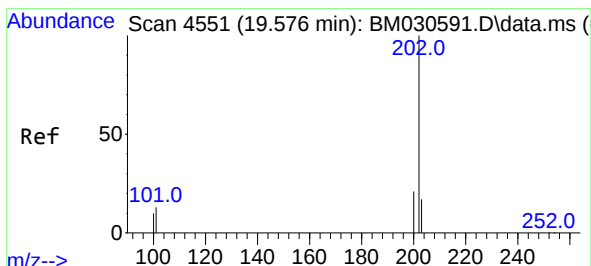
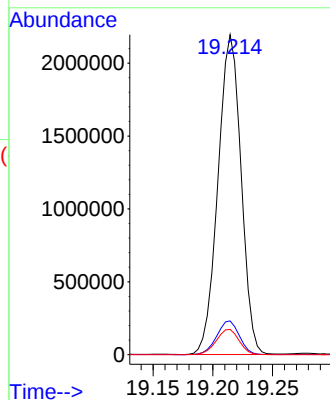
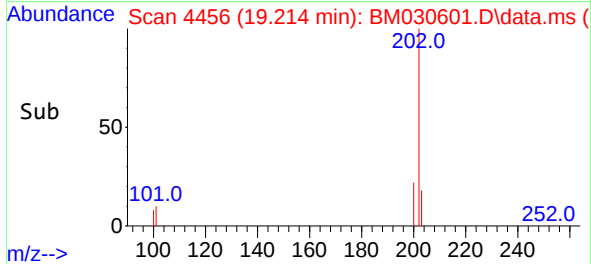
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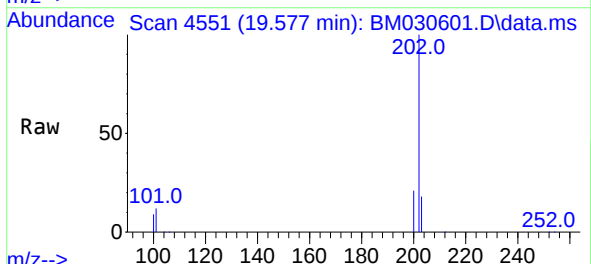
#19
Fluoranthene
Concen: 54.682 ng/u1
RT: 19.214 min Scan# 4456
Delta R.T. 0.000 min
Lab File: BM030601.D
Acq: 25 Jun 2021 14:45



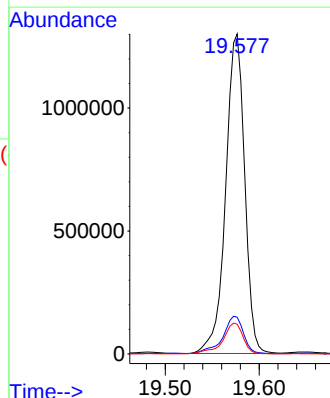
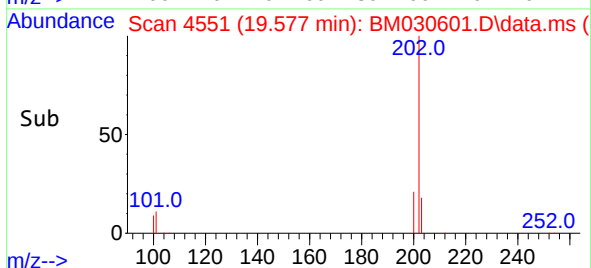
Tgt Ion:202 Resp: 2954581
Ion Ratio Lower Upper
202 100
101 10.6 8.8 13.2
100 7.9 6.9 10.3



#20
Pyrene
Concen: 33.007 ng/u1
RT: 19.577 min Scan# 4551
Delta R.T. 0.000 min
Lab File: BM030601.D
Acq: 25 Jun 2021 14:45



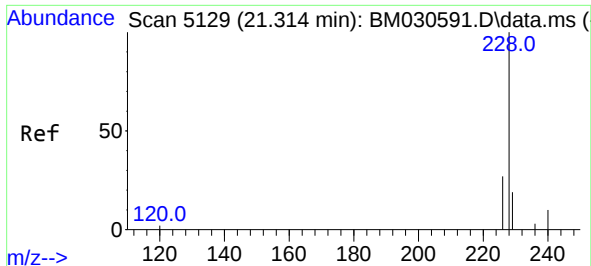
Tgt Ion:202 Resp: 1827055
Ion Ratio Lower Upper
202 100
101 11.5 10.1 15.1
100 9.3 8.2 12.2



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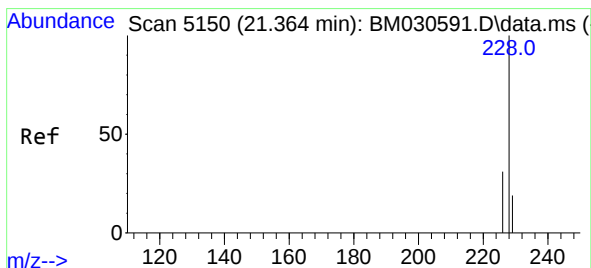
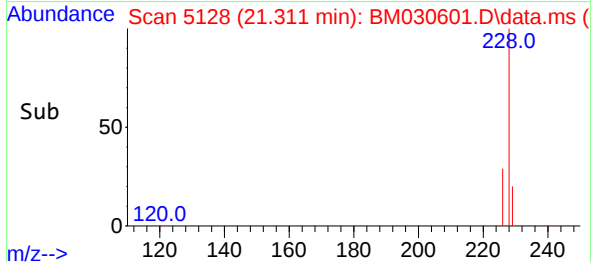
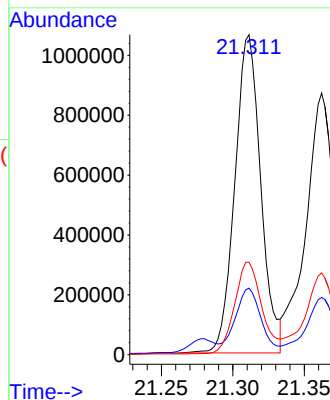
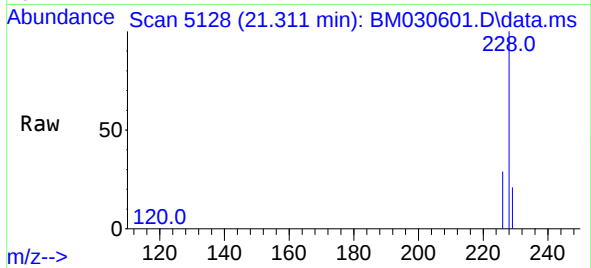
#21
Benzo(a)anthracene
Concen: 28.745 ng/ul
RT: 21.311 min Scan# 5128
Delta R.T. -0.002 min
Lab File: BM030601.D
Acq: 25 Jun 2021 14:45

Tgt Ion:228 Resp: 1342017
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.6
226 28.9 22.2 33.4

Instrument :
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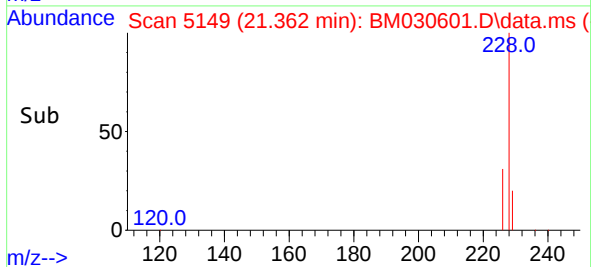
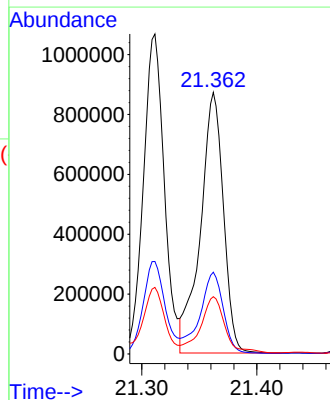
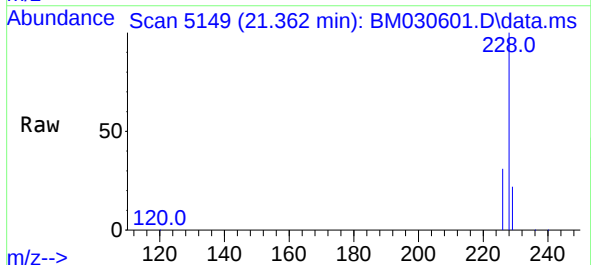
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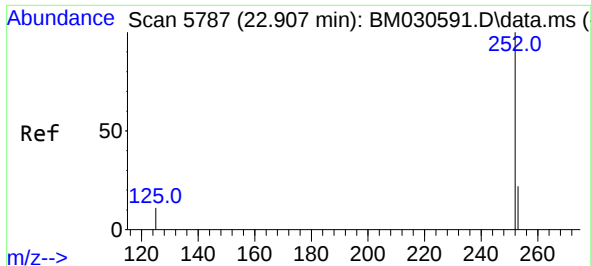
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#22
Chrysene
Concen: 23.327 ng/ul
RT: 21.362 min Scan# 5149
Delta R.T. -0.002 min
Lab File: BM030601.D
Acq: 25 Jun 2021 14:45

Tgt Ion:228 Resp: 1209010
Ion Ratio Lower Upper
228 100
226 31.3 24.4 36.6
229 21.9 15.4 23.0





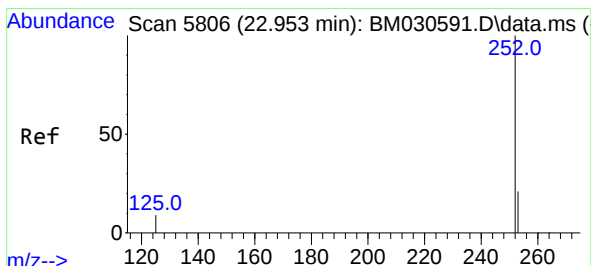
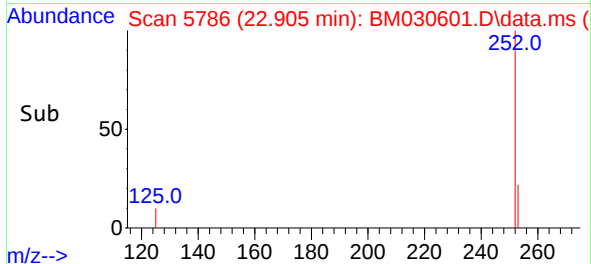
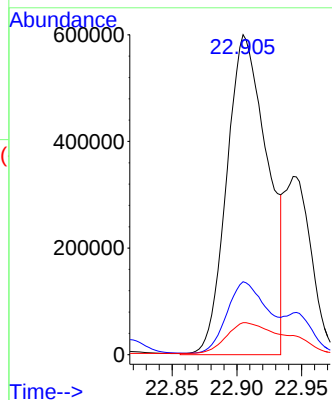
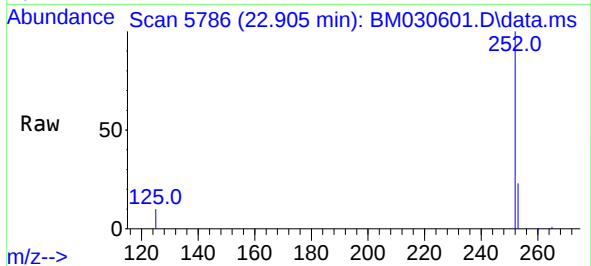
#24
Benzo(b)fluoranthene
Concen: 24.275 ng/ul m
RT: 22.905 min Scan# 5786
Delta R.T. -0.002 min
Lab File: BM030601.D
Acq: 25 Jun 2021 14:45

Tgt Ion:252 Resp: 1310659
Ion Ratio Lower Upper
252 100
253 22.8 0.0 50.2
125 10.0 0.0 27.8

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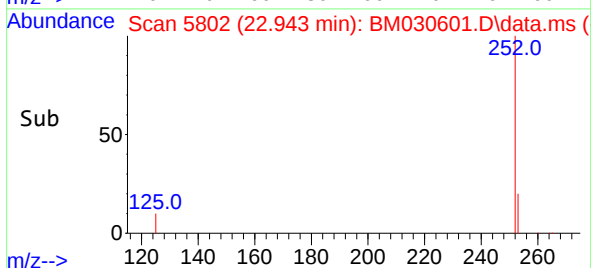
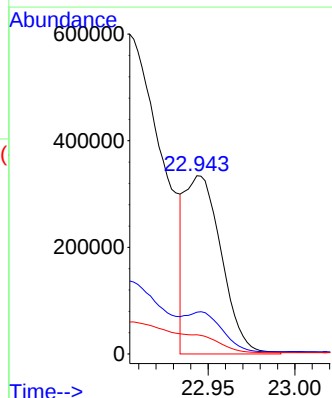
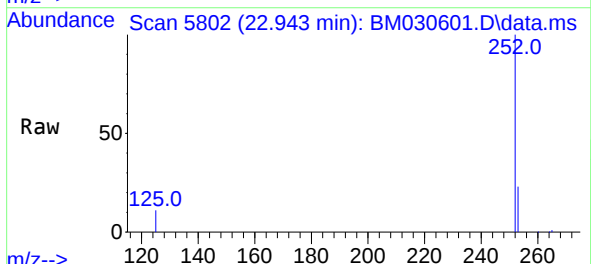
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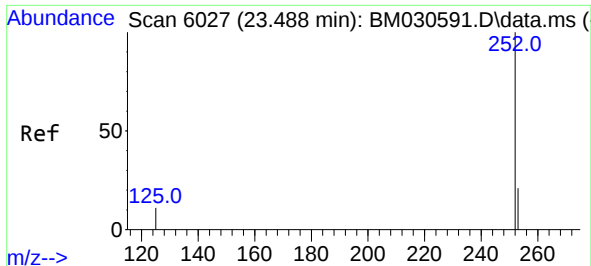
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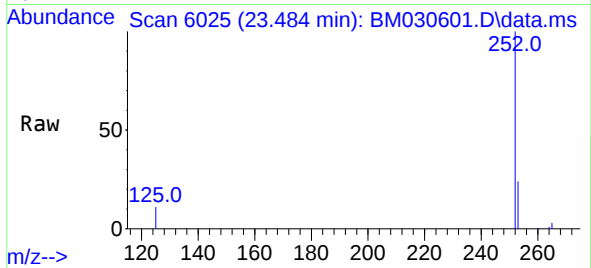
#25
Benzo(k)fluoranthene
Concen: 8.643 ng/ul m
RT: 22.943 min Scan# 5802
Delta R.T. -0.010 min
Lab File: BM030601.D
Acq: 25 Jun 2021 14:45

Tgt Ion:252 Resp: 489421
Ion Ratio Lower Upper
252 100
253 23.5 20.6 31.0
125 10.8 11.0 16.4#

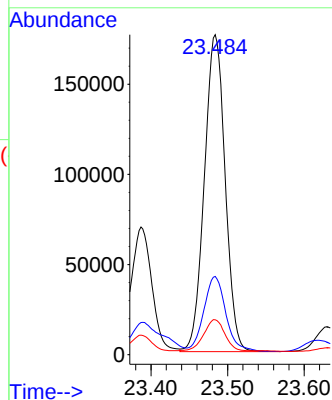




#26
Benzo(a)pyrene
Concen: 6.903 ng/ul
RT: 23.484 min Scan# 6025
Delta R.T. -0.005 min
Lab File: BM030601.D
Acq: 25 Jun 2021 14:45



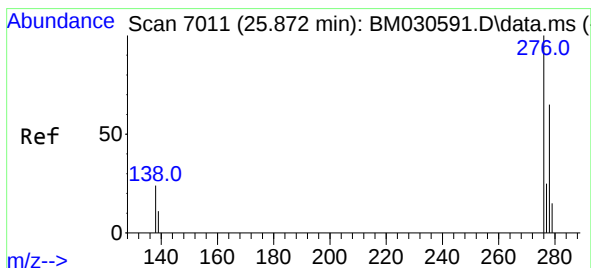
Tgt Ion:252 Resp: 330724
Ion Ratio Lower Upper
252 100
253 24.4 22.0 33.0
125 10.9 13.4 20.2#



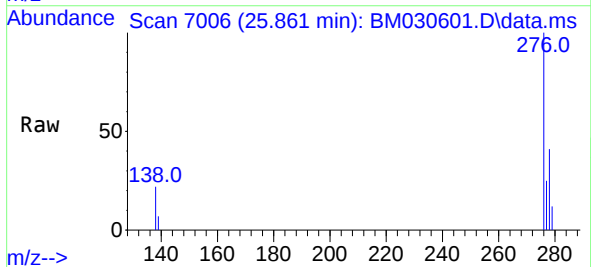
Instrument :
BNA_M
ClientSampleId :
BGD91

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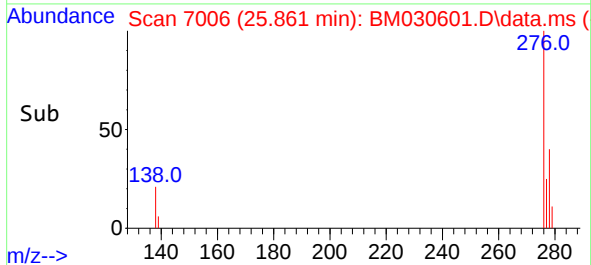
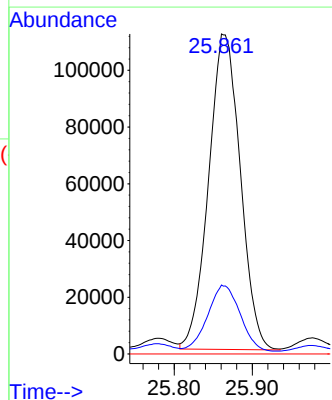
mohammad
6/28/2021 1:21:06 PM

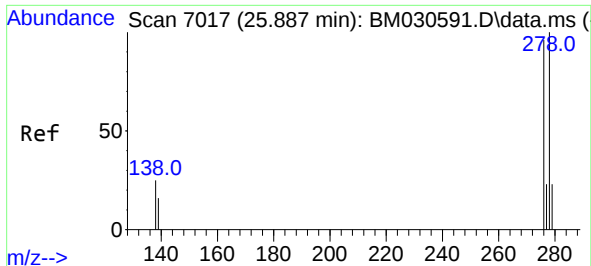


#27
Indeno(1,2,3-cd)pyrene
Concen: 5.147 ng/ul
RT: 25.861 min Scan# 7006
Delta R.T. -0.012 min
Lab File: BM030601.D
Acq: 25 Jun 2021 14:45



Tgt Ion:276 Resp: 313556
Ion Ratio Lower Upper
276 100
138 21.5 19.1 28.7
227 0.0 0.0 0.0





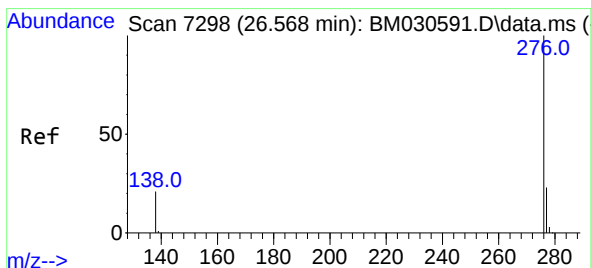
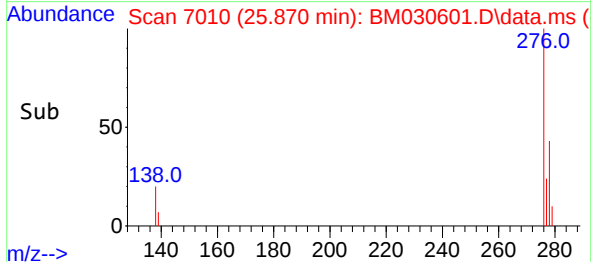
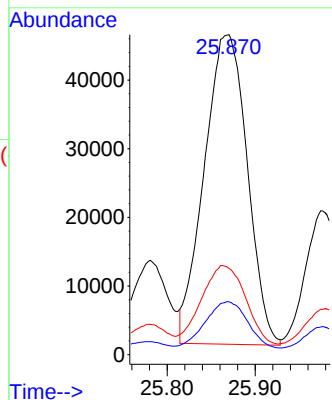
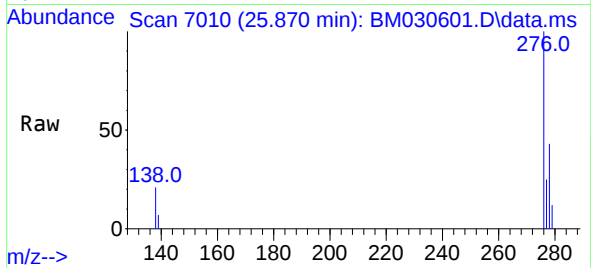
#28
Dibenzo(a,h)anthracene
Concen: 3.155 ng/ul
RT: 25.870 min Scan# 7010
Delta R.T. -0.017 min
Lab File: BM030601.D
Acq: 25 Jun 2021 14:45

Tgt Ion:278 Resp: 153302
Ion Ratio Lower Upper
278 100
139 16.5 14.2 21.4
279 27.0 21.6 32.4

Instrument :
BNA_M
ClientSampled :
BGD91

Manual Integrations
APPROVED

mohammad
6/28/2021 1:21:06 PM



#29
Benzo(g,h,i)perylene
Concen: 0.235 ng/ul
RT: 26.563 min Scan# 7296
Delta R.T. -0.005 min
Lab File: BM030601.D
Acq: 25 Jun 2021 14:45

Tgt Ion:276 Resp: 12366
Ion Ratio Lower Upper
276 100
138 34.7 18.0 27.0#
277 40.8 19.5 29.3#

