

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
 Data File : BM030604.D
 Acq On : 25 Jun 2021 16:35
 Operator : CG/JU
 Sample : M2662-11DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDF5DL

Manual Integrations
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Quant Time: Jun 25 17:10:13 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	4986	0.400	ng/ul	0.00
4) Naphthalene-d8	10.581	136	20384	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.421	164	13863	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	22943	0.400	ng/ul	0.00
17) Chrysene-d12	21.333	240	17339	0.400	ng/ul	# 0.00
23) Perylene-d12	23.586	264	19661	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	8065	1.512	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.169	152	3627	0.111	ng/ul	0.00
18) Fluoranthene-d10	19.184	212	4190m	0.079	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.631	128	188758	3.113	ng/ul	99
7) 2-Methylnaphthalene	12.245	142	33027	0.807	ng/ul	99
8) 1-Methylnaphthalene	12.466	142	20090	0.505	ng/ul	98
10) Acenaphthylene	14.144	152	410415	6.326	ng/ul	99
11) Acenaphthene	14.485	153	261701	4.952	ng/ul	98
12) Fluorene	15.471	166	770948	13.172	ng/ul	99
15) Phenanthrene	17.211	178	9185175m	112.438	ng/ul	
16) Anthracene	17.298	178	4834359	67.549	ng/ul	97
19) Fluoranthene	19.226	202	10760975	134.998	ng/ul#	91
20) Pyrene	19.580	202	4948901	60.602	ng/ul	98
21) Benzo(a)anthracene	21.319	228	4226344	61.361	ng/ul#	90
22) Chrysene	21.369	228	3273986m	42.818	ng/ul	
24) Benzo(b)fluoranthene	22.917	252	3335694m	39.003	ng/ul	
25) Benzo(k)fluoranthene	22.953	252	1532016m	17.079	ng/ul	
26) Benzo(a)pyrene	23.491	252	779179	10.266	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.875	276	724354	7.506	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.878	278	458719	5.959	ng/ul	94
29) Benzo(g,h,i)perylene	26.573	276	20292	0.243	ng/ul#	65

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

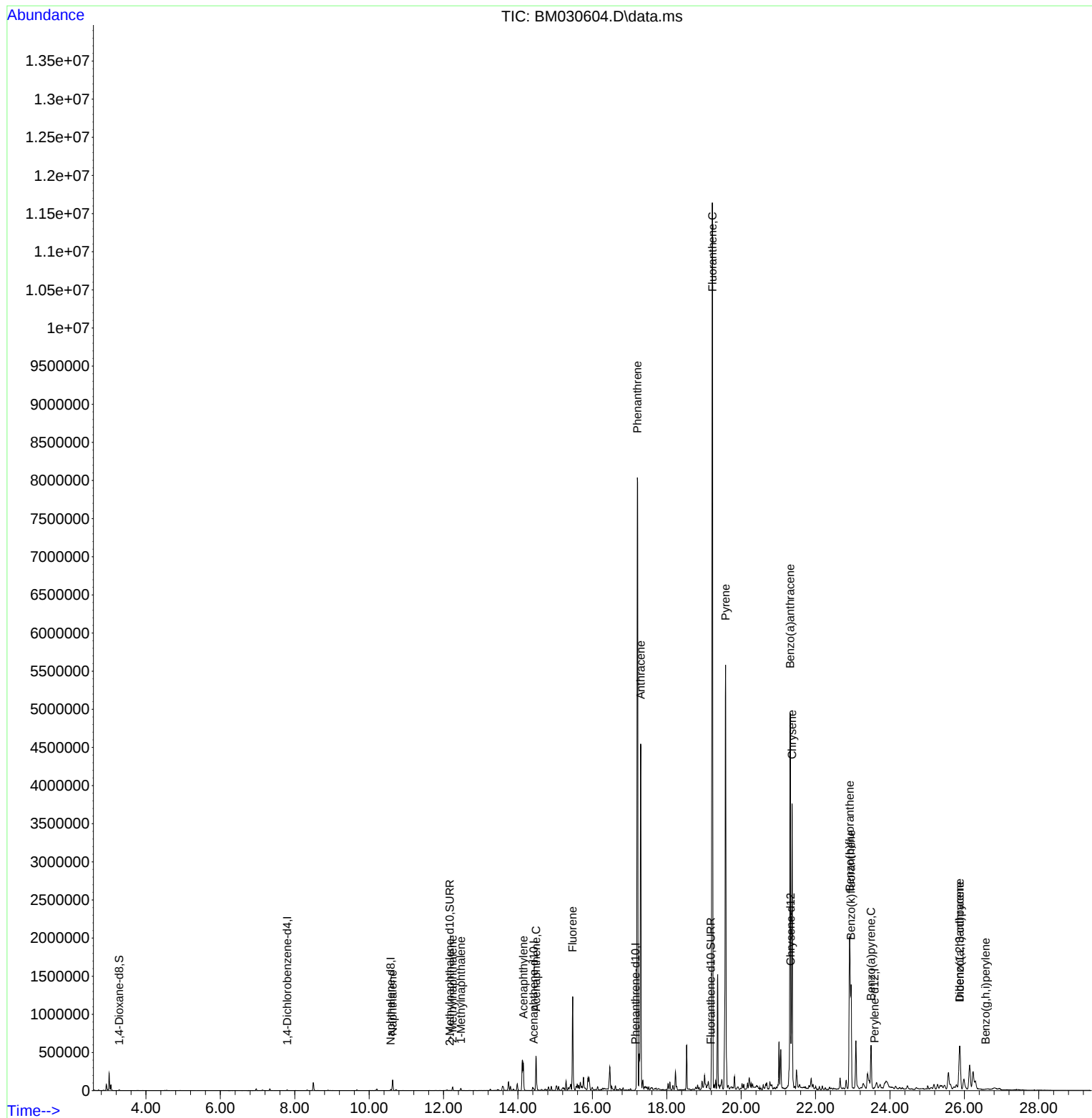
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
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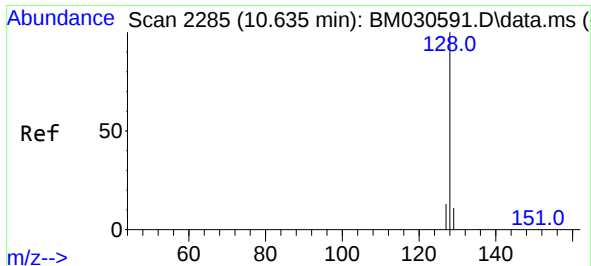
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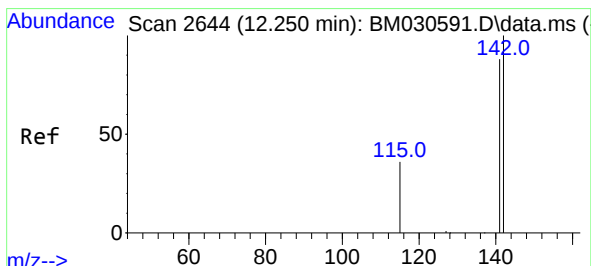
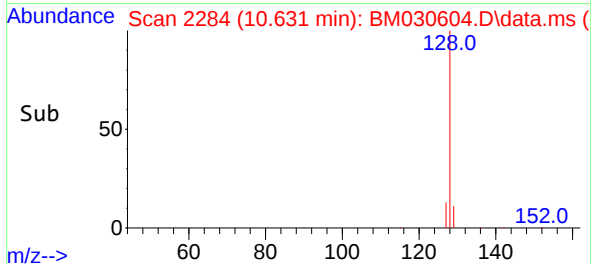
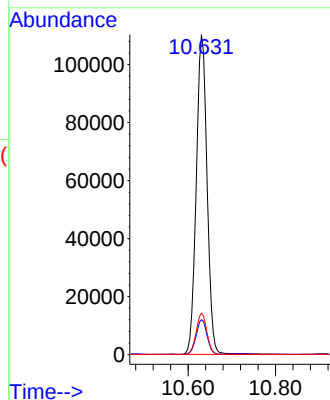
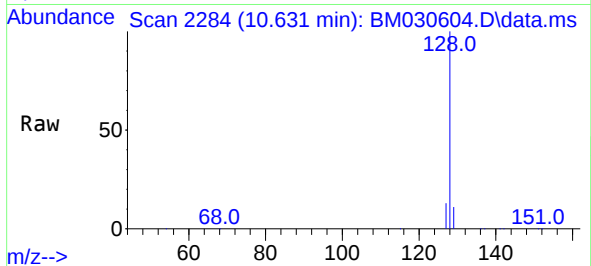
#5
Naphthalene
Concen: 3.113 ng/ul
RT: 10.631 min Scan# 2284
Delta R.T. -0.004 min
Lab File: BM030604.D
Acq: 25 Jun 2021 16:35

Tgt Ion:128 Resp: 188758
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.9 10.9 16.3

Instrument :
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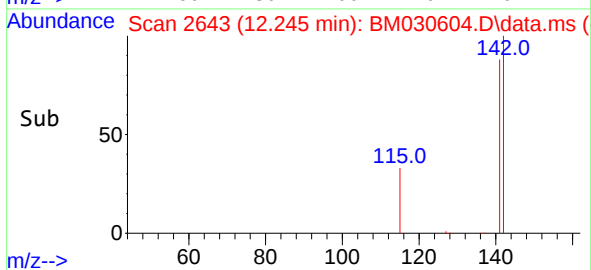
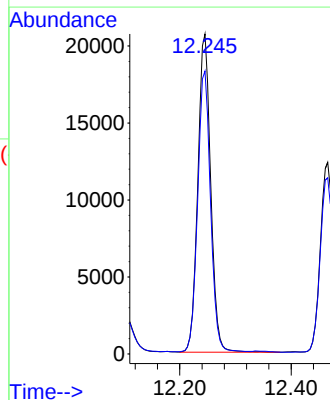
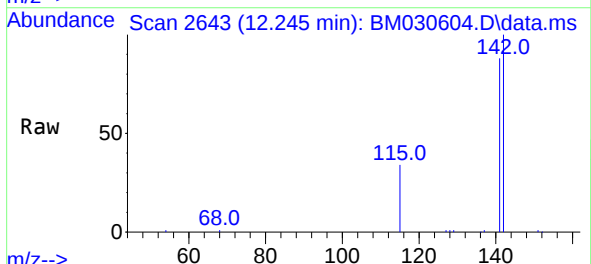
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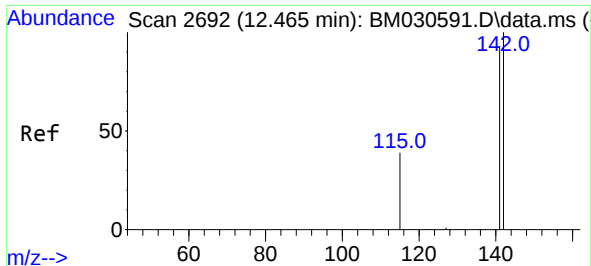
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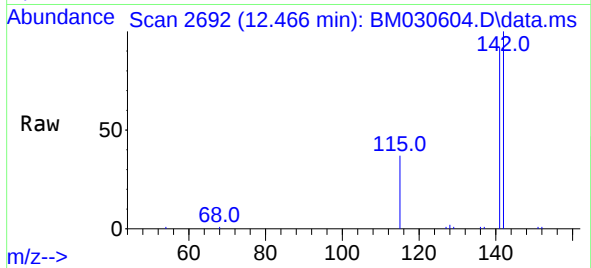
#7
2-Methylnaphthalene
Concen: 0.807 ng/ul
RT: 12.245 min Scan# 2643
Delta R.T. -0.004 min
Lab File: BM030604.D
Acq: 25 Jun 2021 16:35

Tgt Ion:142 Resp: 33027
Ion Ratio Lower Upper
142 100
141 88.3 71.4 107.0

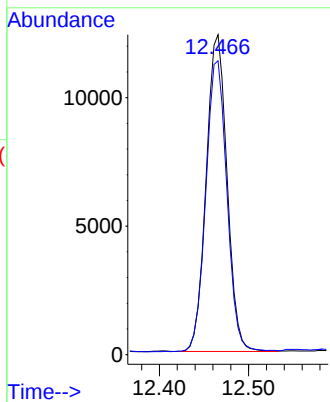
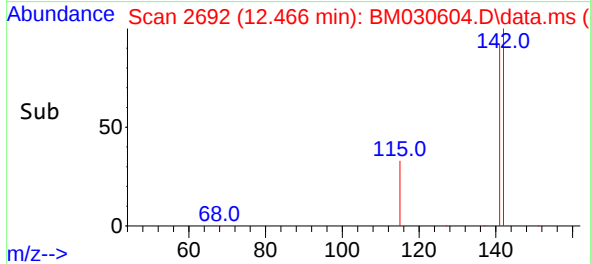




#8
1-Methylnaphthalene
Concen: 0.505 ng/ul
RT: 12.466 min Scan# 2692
Delta R.T. 0.000 min
Lab File: BM030604.D
Acq: 25 Jun 2021 16:35



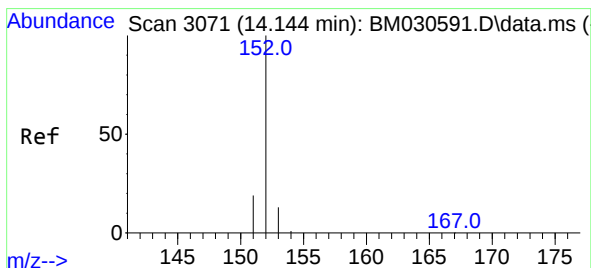
Tgt Ion:142 Resp: 20090
Ion Ratio Lower Upper
142 100
141 93.4 73.4 110.0



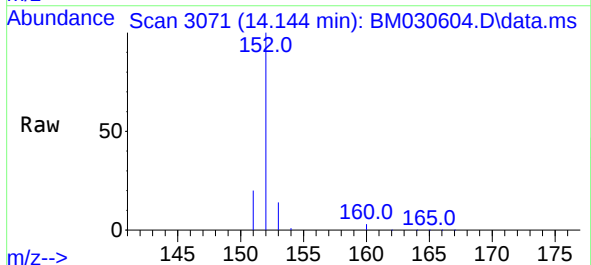
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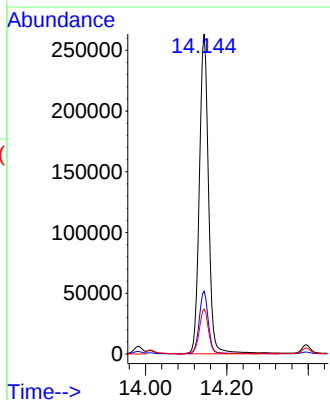
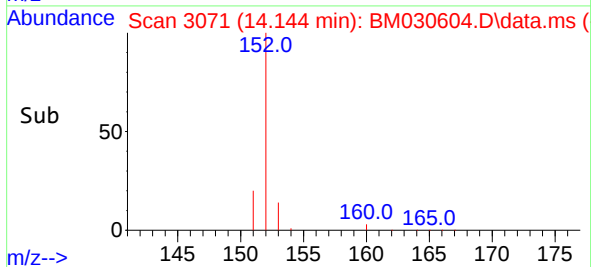
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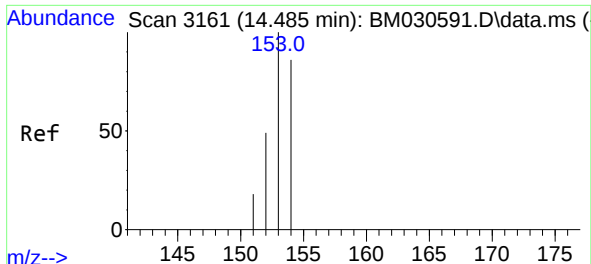


#10
Acenaphthylene
Concen: 6.326 ng/ul
RT: 14.144 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BM030604.D
Acq: 25 Jun 2021 16:35



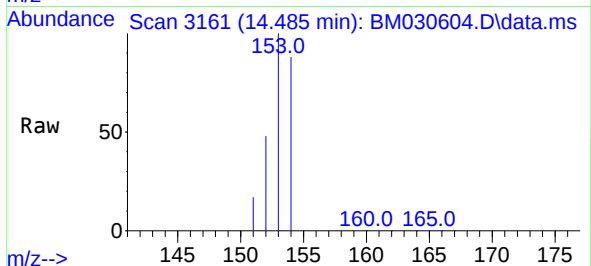
Tgt Ion:152 Resp: 410415
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 14.1 10.7 16.1





#11
Acenaphthene
Concen: 4.952 ng/ul
RT: 14.485 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM030604.D
Acq: 25 Jun 2021 16:35

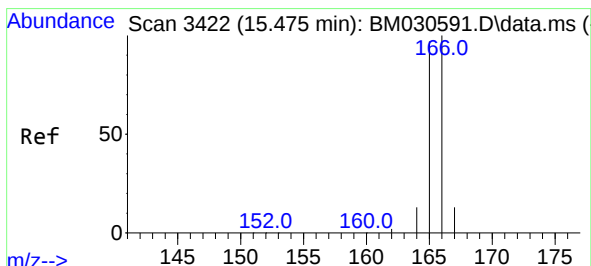
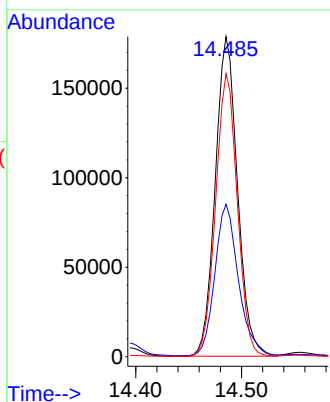
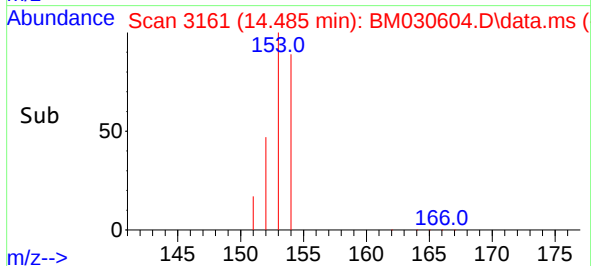
Instrument :
BNA_M
ClientSampleID :
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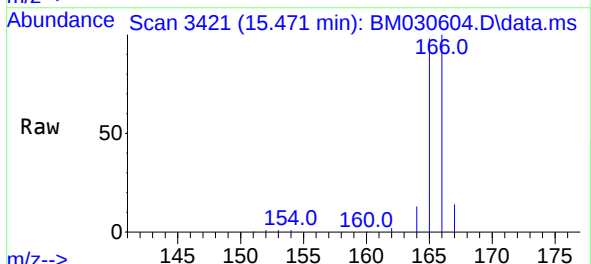
Tgt Ion:153 Resp: 261701
Ion Ratio Lower Upper
153 100
152 47.6 40.2 60.2
154 88.4 71.2 106.8

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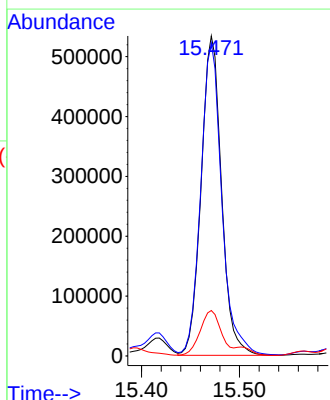
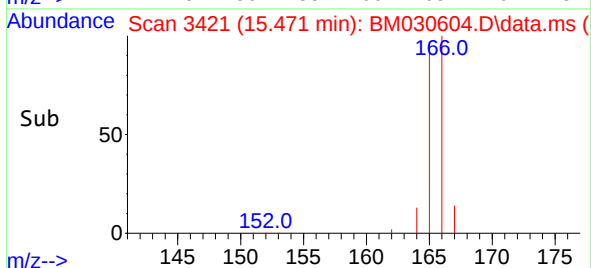
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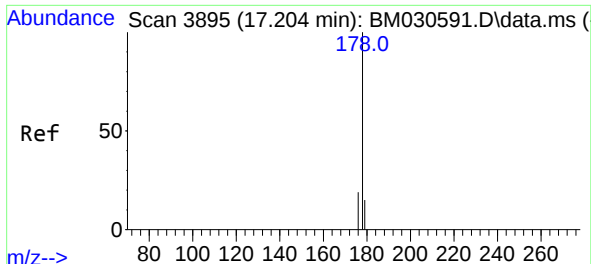


#12
Fluorene
Concen: 13.172 ng/ul
RT: 15.471 min Scan# 3421
Delta R.T. -0.004 min
Lab File: BM030604.D
Acq: 25 Jun 2021 16:35

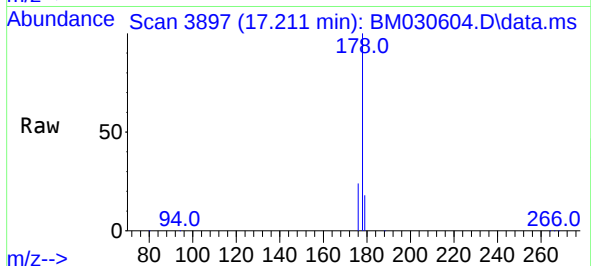


Tgt Ion:166 Resp: 770948
Ion Ratio Lower Upper
166 100
165 97.8 77.7 116.5
167 14.2 11.3 16.9

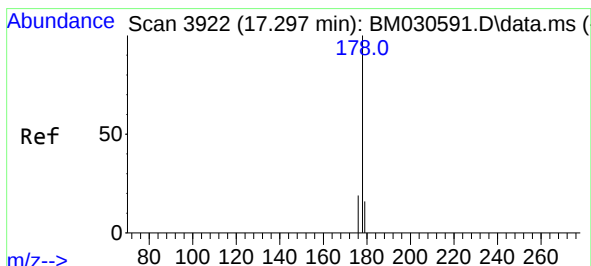
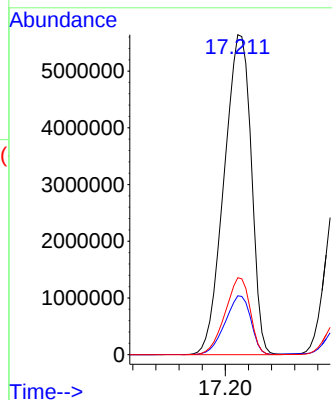
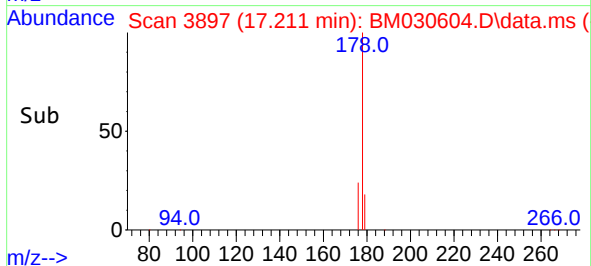




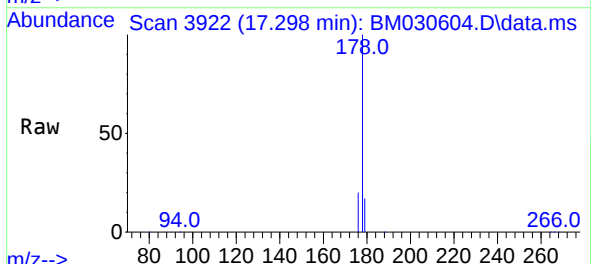
#15
Phenanthrene
Concen: 112.438 ng/ul m
RT: 17.211 min Scan# 3897
Delta R.T. 0.007 min
Lab File: BM030604.D
Acq: 25 Jun 2021 16:35



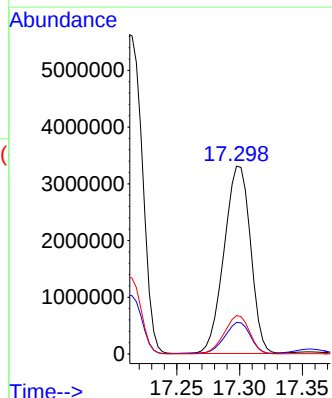
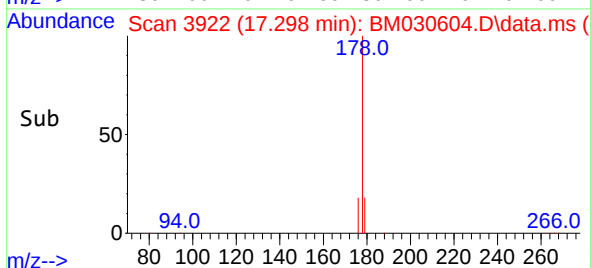
Tgt Ion:178 Resp: 9185175
Ion Ratio Lower Upper
178 100
179 18.4 12.6 19.0
176 24.0 15.5 23.3#



#16
Anthracene
Concen: 67.549 ng/ul
RT: 17.298 min Scan# 3922
Delta R.T. 0.000 min
Lab File: BM030604.D
Acq: 25 Jun 2021 16:35



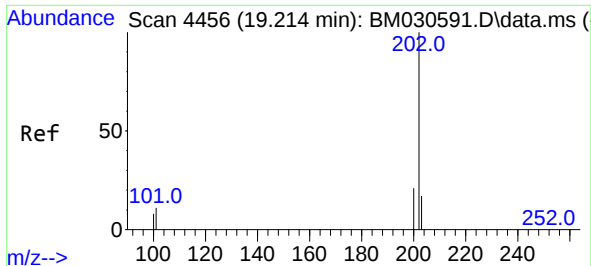
Tgt Ion:178 Resp: 4834359
Ion Ratio Lower Upper
178 100
179 16.8 12.7 19.1
176 20.4 15.2 22.8



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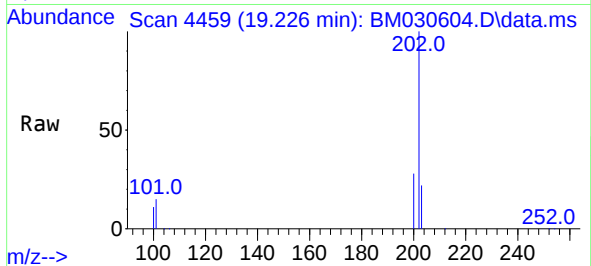
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#19
Fluoranthene
Concen: 134.998 ng/u1
RT: 19.226 min Scan# 4459
Delta R.T. 0.012 min
Lab File: BM030604.D
Acq: 25 Jun 2021 16:35

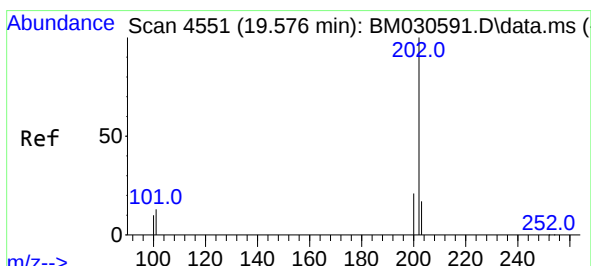
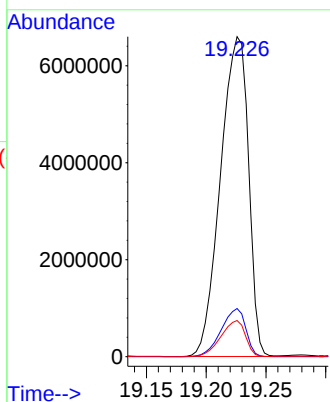
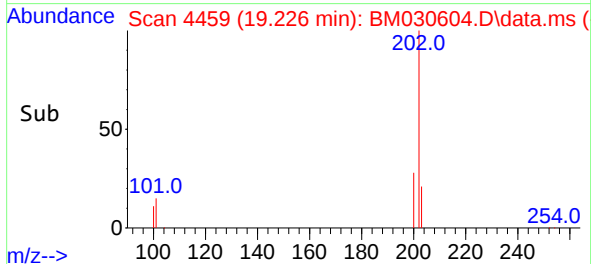
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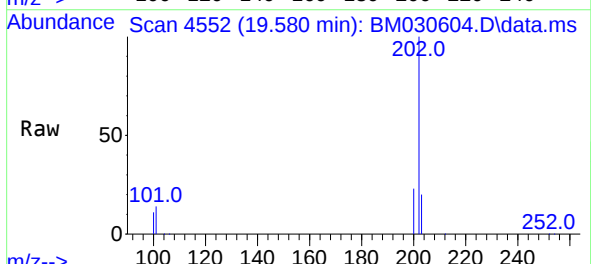
Tgt Ion:202 Resp:10760975
Ion Ratio Lower Upper
202 100
101 15.0 8.8 13.2#
100 11.3 6.9 10.3#

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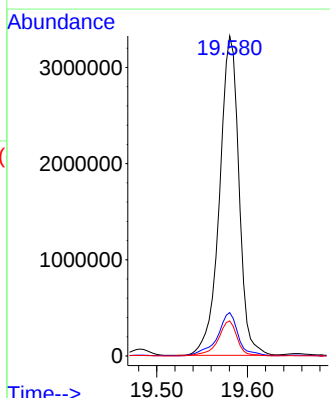
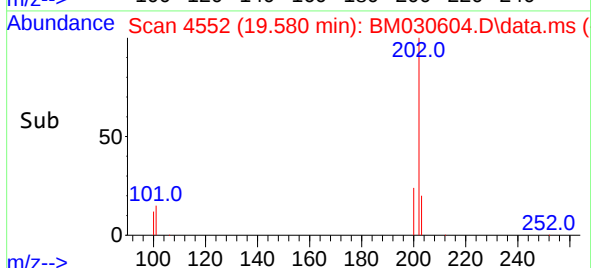
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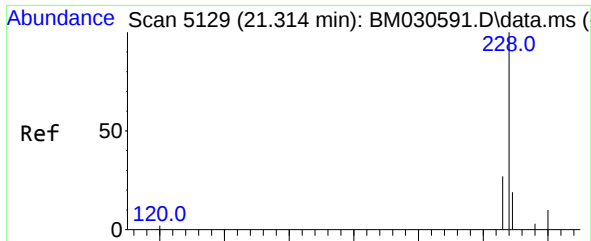


#20
Pyrene
Concen: 60.602 ng/u1
RT: 19.580 min Scan# 4552
Delta R.T. 0.004 min
Lab File: BM030604.D
Acq: 25 Jun 2021 16:35

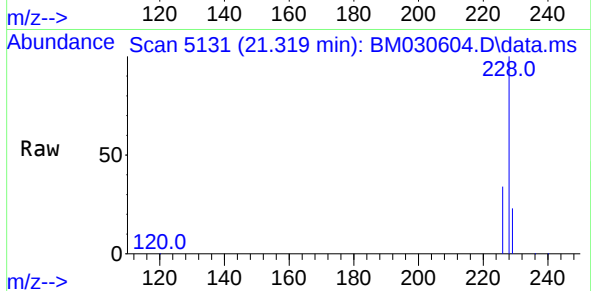


Tgt Ion:202 Resp: 4948901
Ion Ratio Lower Upper
202 100
101 13.5 10.1 15.1
100 11.0 8.2 12.2

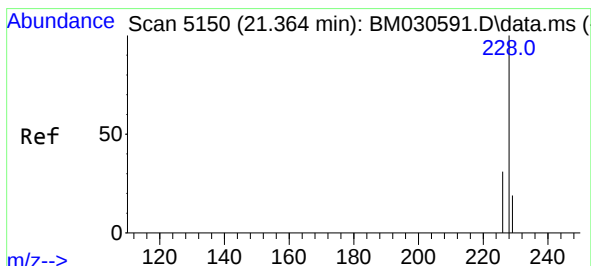
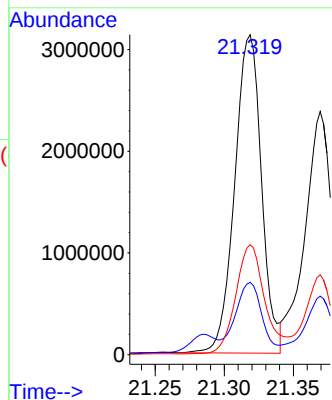
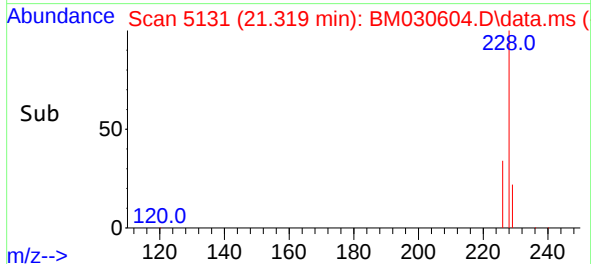




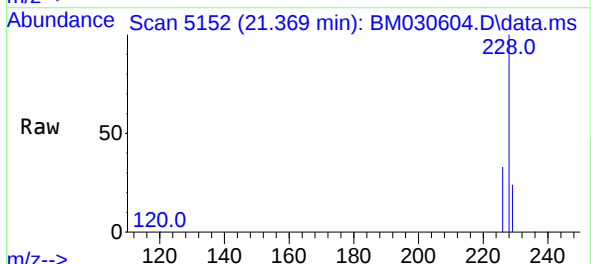
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Benzo(a)anthracene
Concen: 61.361 ng/ul
RT: 21.319 min Scan# 5131
Delta R.T. 0.005 min
Lab File: BM030604.D
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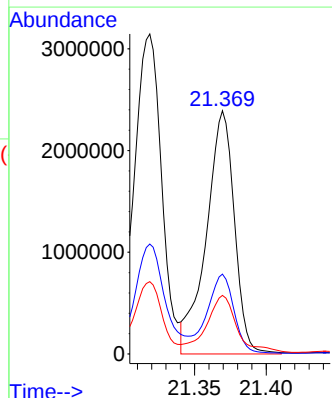
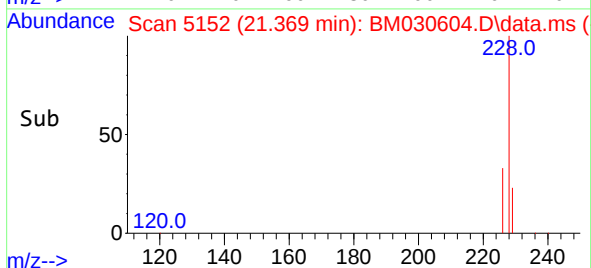
Tgt Ion:228 Resp: 4226344
Ion Ratio Lower Upper
228 100
229 22.6 15.8 23.6
226 34.4 22.2 33.4#



#22
Chrysene
Concen: 42.818 ng/ul m
RT: 21.369 min Scan# 5152
Delta R.T. 0.005 min
Lab File: BM030604.D
Acq: 25 Jun 2021 16:35



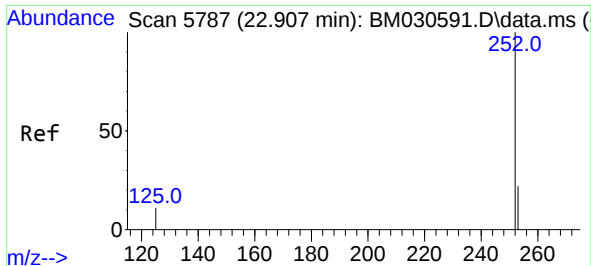
Tgt Ion:228 Resp: 3273986
Ion Ratio Lower Upper
228 100
226 32.8 24.4 36.6
229 24.1 15.4 23.0#



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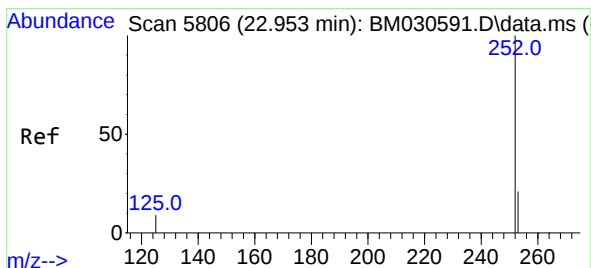
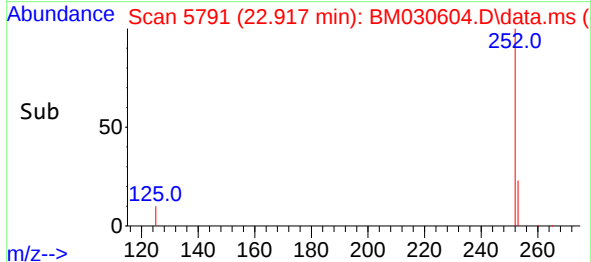
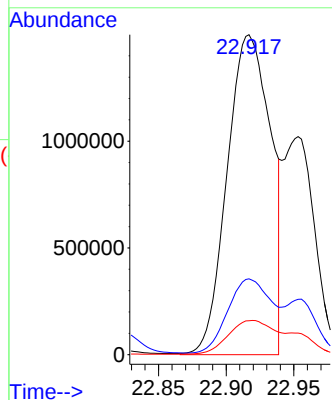
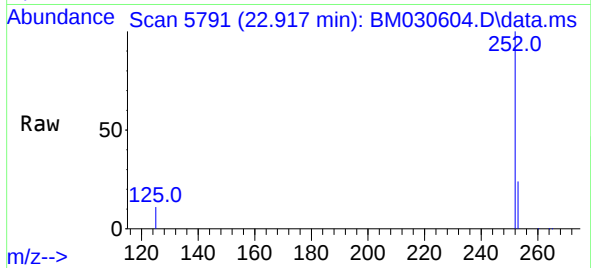
#24
Benzo(b)fluoranthene
Concen: 39.003 ng/ul m
RT: 22.917 min Scan# 5791
Delta R.T. 0.010 min
Lab File: BM030604.D
Acq: 25 Jun 2021 16:35

Tgt Ion:252 Resp: 3335694
Ion Ratio Lower Upper
252 100
253 23.7 0.0 50.2
125 10.6 0.0 27.8

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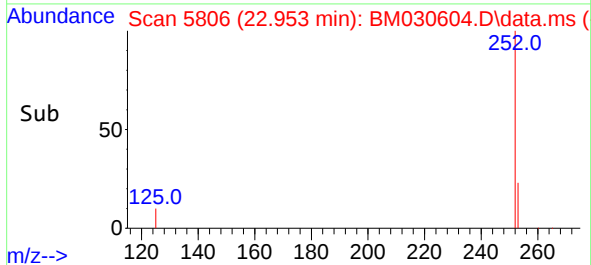
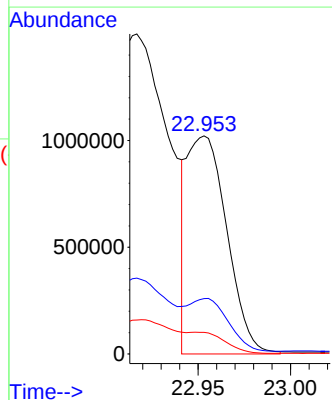
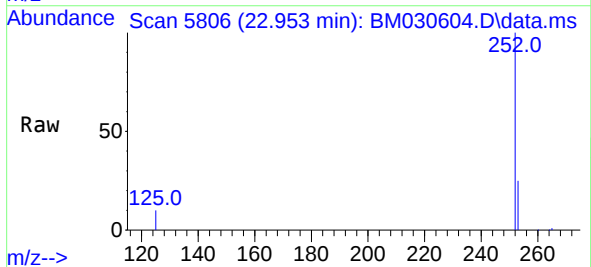
Manual Integrations
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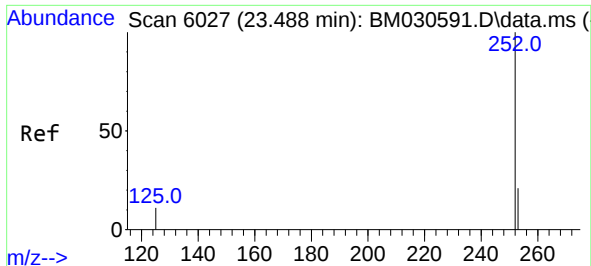
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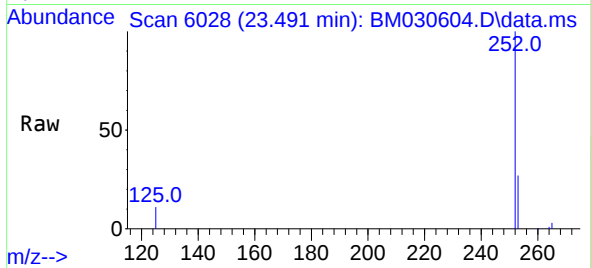
#25
Benzo(k)fluoranthene
Concen: 17.079 ng/ul m
RT: 22.953 min Scan# 5806
Delta R.T. 0.000 min
Lab File: BM030604.D
Acq: 25 Jun 2021 16:35

Tgt Ion:252 Resp: 1532016
Ion Ratio Lower Upper
252 100
253 25.4 20.6 31.0
125 9.9 11.0 16.4#

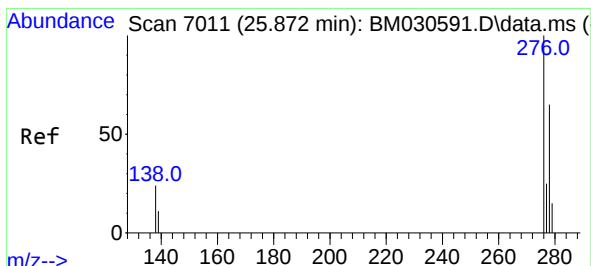
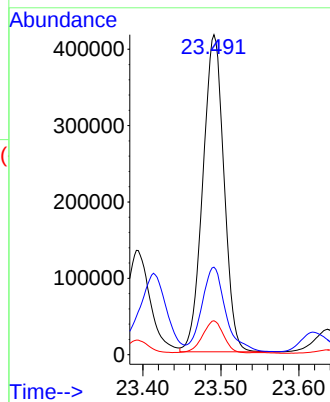
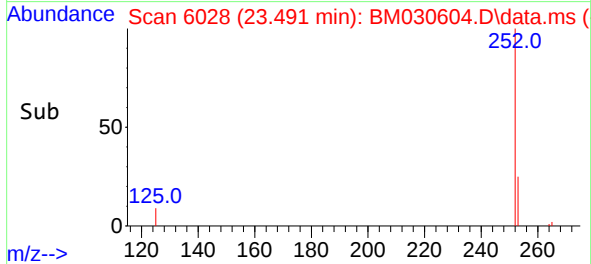




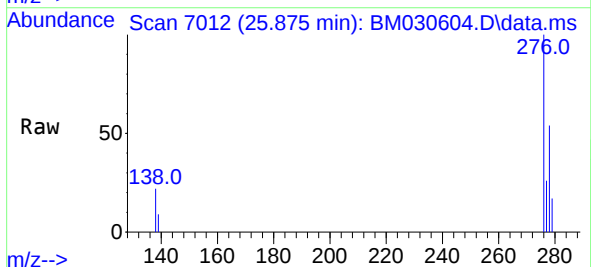
#26
Benzo(a)pyrene
Concen: 10.266 ng/ul
RT: 23.491 min Scan# 6028
Delta R.T. 0.003 min
Lab File: BM030604.D
Acq: 25 Jun 2021 16:35



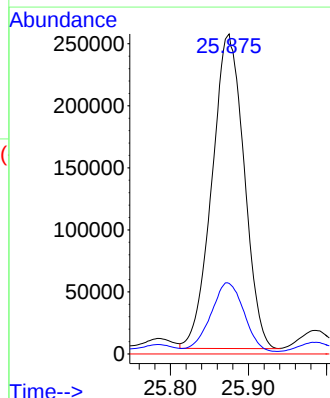
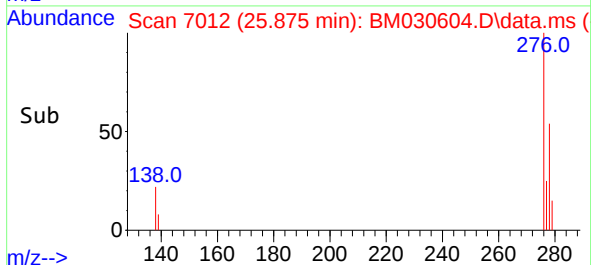
Tgt Ion:252 Resp: 779179
Ion Ratio Lower Upper
252 100
253 27.4 22.0 33.0
125 10.6 13.4 20.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 7.506 ng/ul
RT: 25.875 min Scan# 7012
Delta R.T. 0.003 min
Lab File: BM030604.D
Acq: 25 Jun 2021 16:35



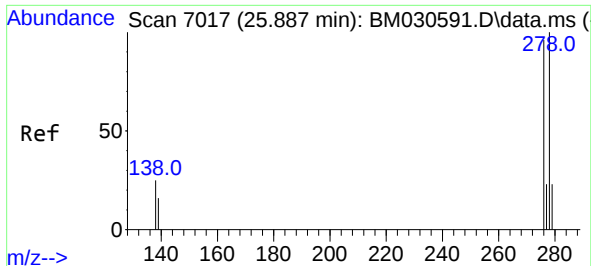
Tgt Ion:276 Resp: 724354
Ion Ratio Lower Upper
276 100
138 22.5 19.1 28.7
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampleID :
BGDF5DL

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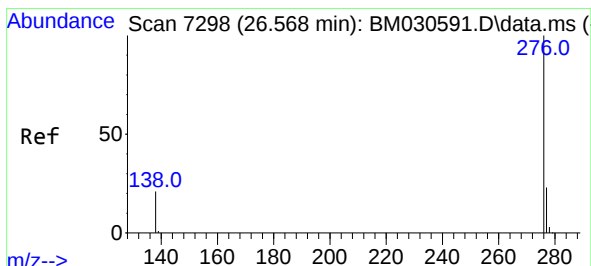
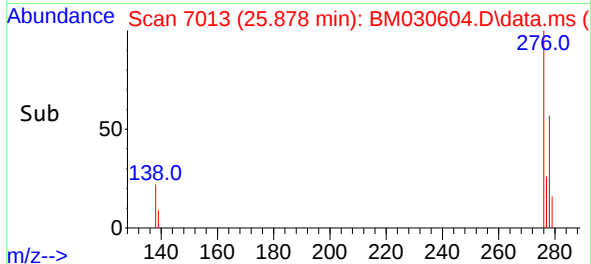
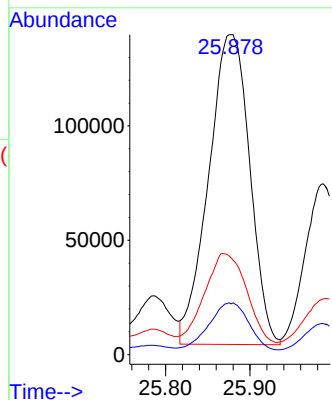
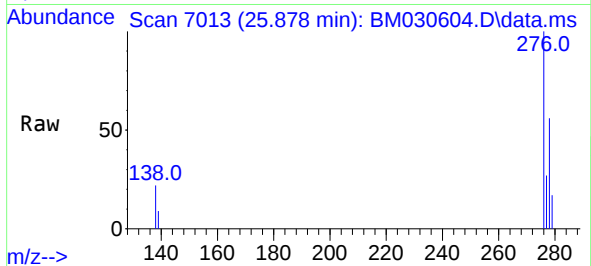
#28
Dibenzo(a,h)anthracene
Concen: 5.959 ng/ul
RT: 25.878 min Scan# 7013
Delta R.T. -0.010 min
Lab File: BM030604.D
Acq: 25 Jun 2021 16:35

Tgt Ion:278 Resp: 458719
Ion Ratio Lower Upper
278 100
139 15.9 14.2 21.4
279 30.3 21.6 32.4

Instrument :
BNA_M
ClientSampled :
BGDF5DL

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#29
Benzo(g,h,i)perylene
Concen: 0.243 ng/ul
RT: 26.573 min Scan# 7300
Delta R.T. 0.005 min
Lab File: BM030604.D
Acq: 25 Jun 2021 16:35

Tgt Ion:276 Resp: 20292
Ion Ratio Lower Upper
276 100
138 33.1 18.0 27.0#
277 47.3 19.5 29.3#

