

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031703.D
 Acq On : 13 Aug 2021 07:45
 Operator : CG/JU
 Sample : M3182-01DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00B8DL

Manual Integrations
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Quant Time: Aug 13 08:37:37 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 Aug 13 05:12:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	1294	0.400	ng/ul	0.00
4) Naphthalene-d8	10.329	136	4620	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.201	164	2488	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	4819	0.400	ng/ul	-0.01
17) Chrysene-d12	21.151	240	3973	0.400	ng/ul	0.00
23) Perylene-d12	23.304	264	3976	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	471	0.328	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	218	0.028	ng/ul	0.00
18) Fluoranthene-d10	18.985	212	449	0.034	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.379	128	2082	0.151	ng/ul	96
7) 2-Methylnaphthalene	12.002	142	1246	0.133	ng/ul	97
8) 1-Methylnaphthalene	12.227	142	724	0.078	ng/ul	96
10) Acenaphthylene	13.923	152	1534	0.145	ng/ul	93
11) Acenaphthene	14.269	153	187	0.021	ng/ul#	86
12) Fluorene	15.259	166	349	0.034	ng/ul#	83
15) Phenanthrene	16.995	178	7973	0.521	ng/ul	99
16) Anthracene	17.089	178	1790	0.125	ng/ul#	93
19) Fluoranthene	19.016	202	20088	1.184	ng/ul	97
20) Pyrene	19.382	202	17309	1.006	ng/ul	98
21) Benzo(a)anthracene	21.134	228	8814	0.549	ng/ul	95
22) Chrysene	21.188	228	10470	0.631	ng/ul	98
24) Benzo(b)fluoranthene	22.667	252	14330m	0.800	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	5534m	0.299	ng/ul	
26) Benzo(a)pyrene	23.210	252	9018	0.575	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.434	276	6854	0.338	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.444	278	1630	0.100	ng/ul#	59
29) Benzo(g,h,i)perylene	26.088	276	2053	0.119	ng/ul#	80

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

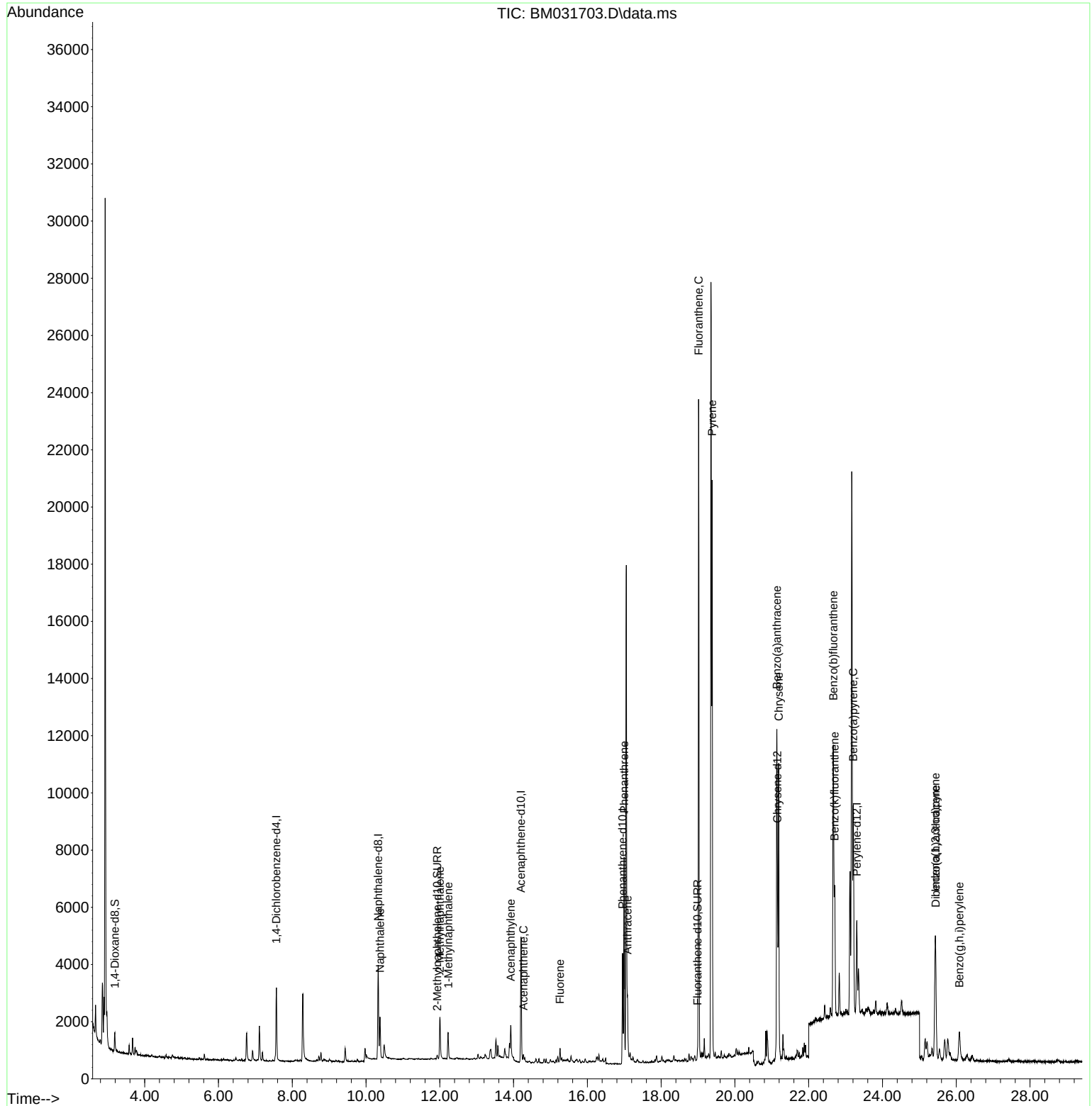
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031703.D
Acq On : 13 Aug 2021 07:45
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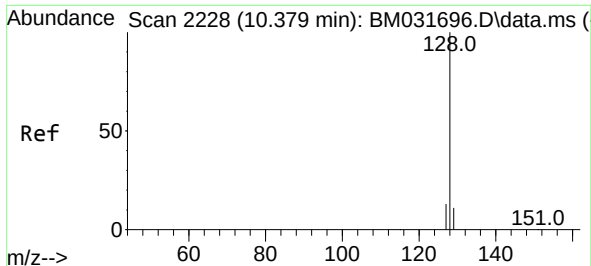
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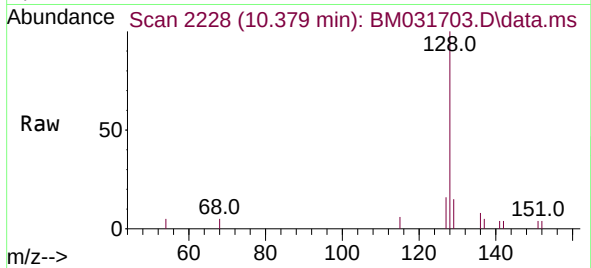
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Quant Time: Aug 13 08:37:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 13 05:12:04 2021
Response via : Initial Calibration

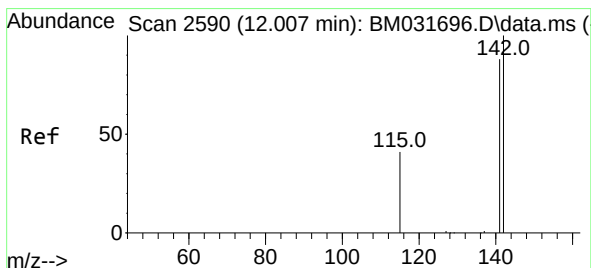
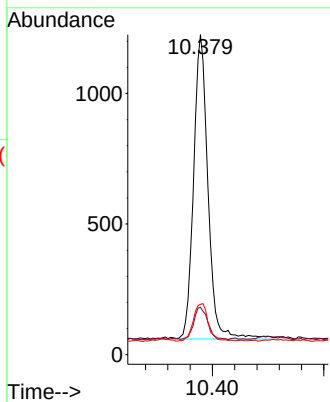
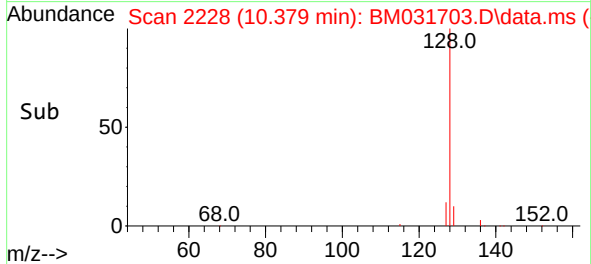




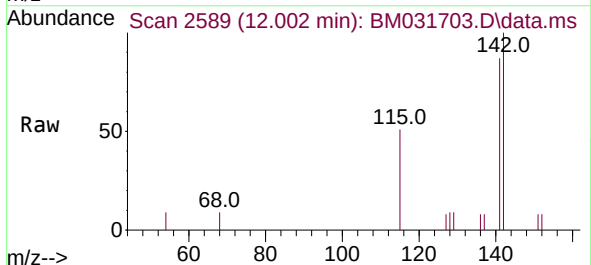
#5
Naphthalene
Concen: 0.151 ng/ul
RT: 10.379 min Scan# 2228
Delta R.T. -0.004 min
Lab File: BM031703.D
Acq: 13 Aug 2021 07:45



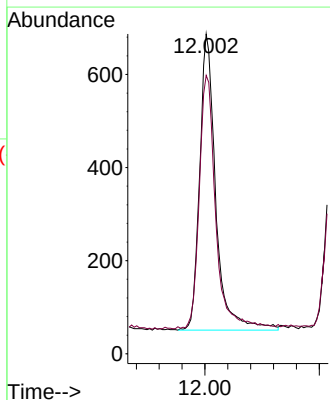
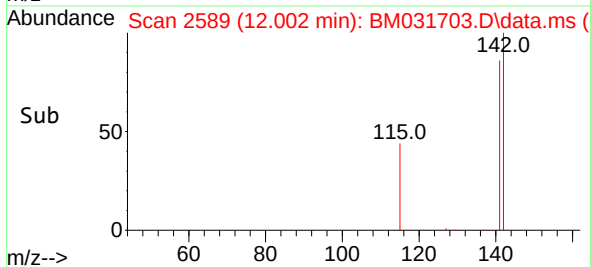
Tgt Ion:128 Resp: 2082
Ion Ratio Lower Upper
128 100
129 14.8 10.0 15.0
127 15.8 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.133 ng/ul
RT: 12.002 min Scan# 2589
Delta R.T. -0.004 min
Lab File: BM031703.D
Acq: 13 Aug 2021 07:45



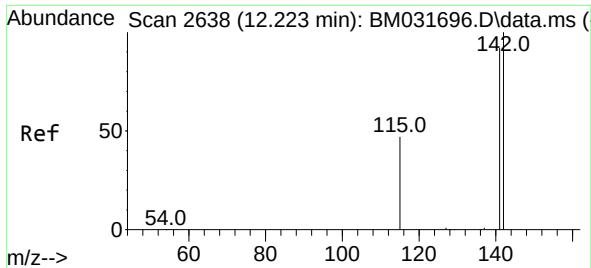
Tgt Ion:142 Resp: 1246
Ion Ratio Lower Upper
142 100
141 86.7 71.4 107.0



Instrument :
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ClientSampleId :
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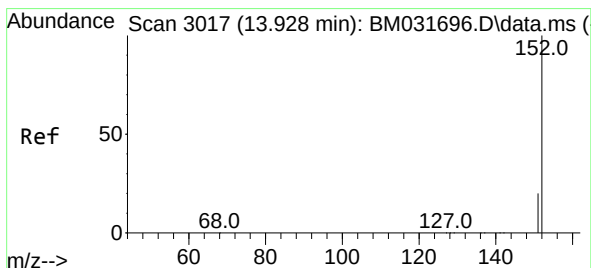
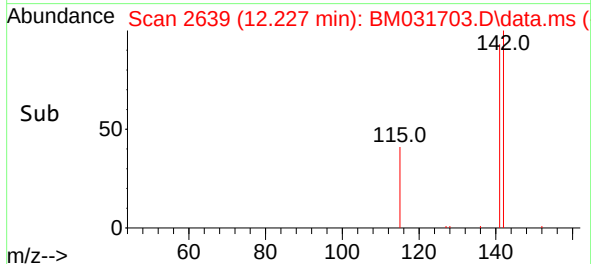
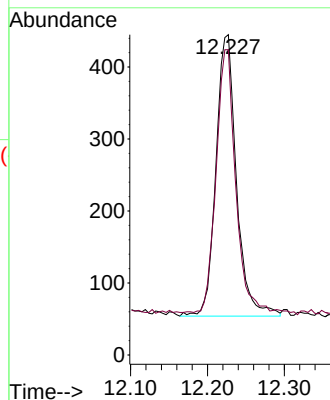
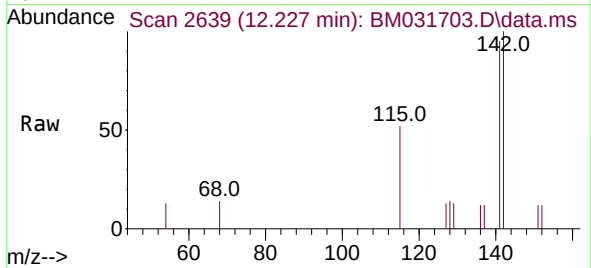
#8
1-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.227 min Scan# 2639
Delta R.T. 0.001 min
Lab File: BM031703.D
Acq: 13 Aug 2021 07:45

Tgt Ion:142 Resp: 724
Ion Ratio Lower Upper
142 100
141 89.0 74.1 111.1

Instrument :
BNA_M
ClientSampled :
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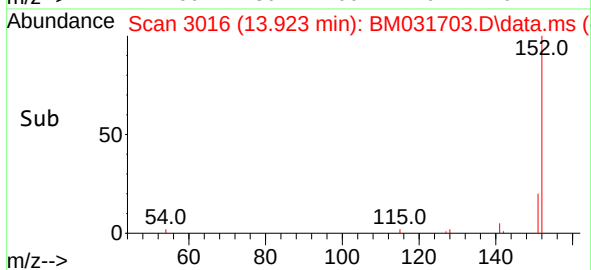
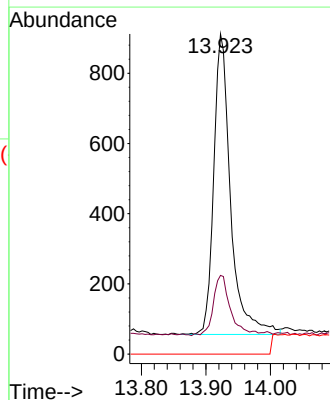
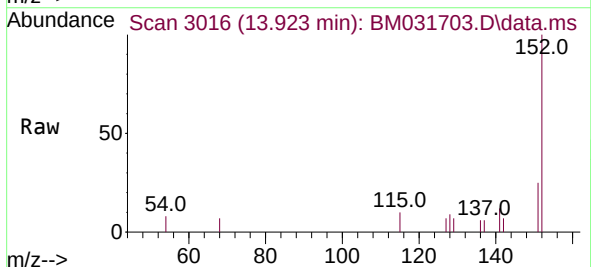
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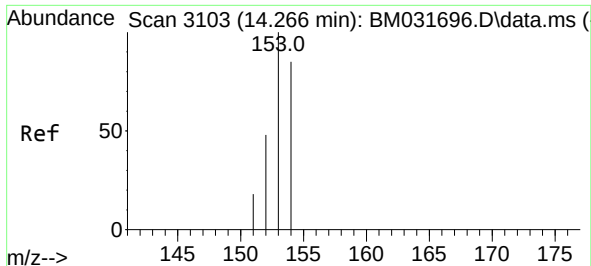
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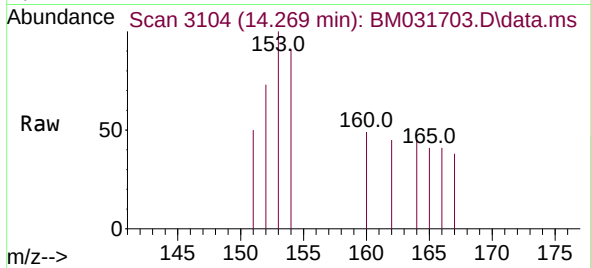
#10
Acenaphthylene
Concen: 0.145 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031703.D
Acq: 13 Aug 2021 07:45

Tgt Ion:152 Resp: 1534
Ion Ratio Lower Upper
152 100
151 24.6 16.9 25.3
153 0.0 0.0 0.0

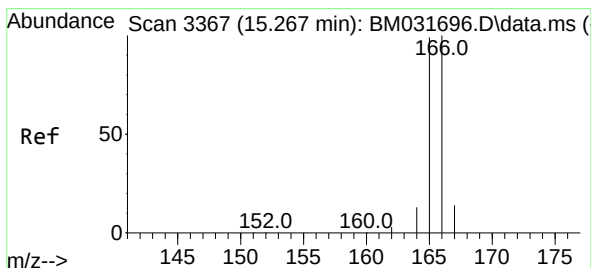
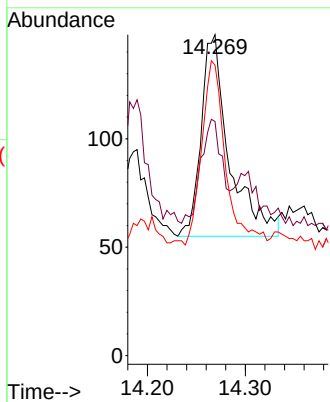
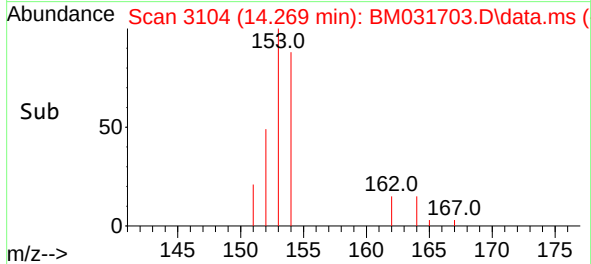




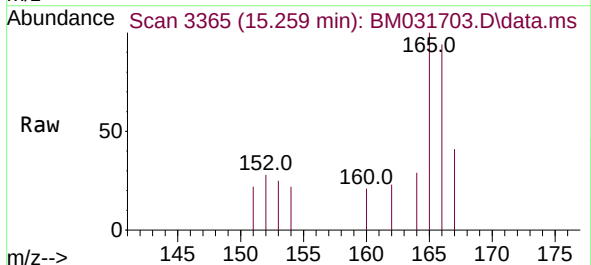
#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.269 min Scan# 3104
Delta R.T. -0.004 min
Lab File: BM031703.D
Acq: 13 Aug 2021 07:45



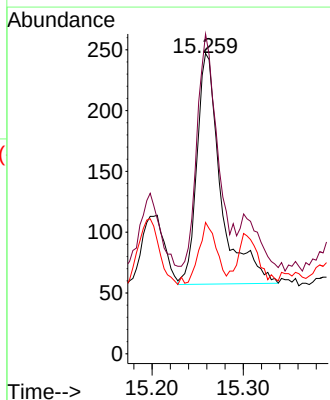
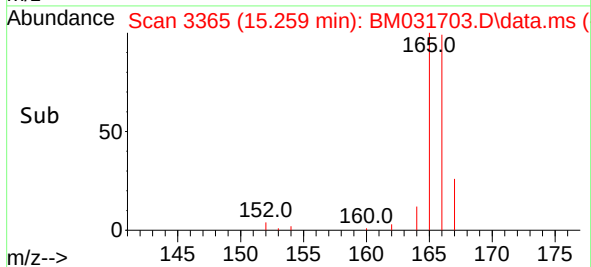
Tgt Ion:153 Resp: 187
Ion Ratio Lower Upper
153 100
152 73.0 40.7 61.1#
154 90.5 70.2 105.2



#12
Fluorene
Concen: 0.034 ng/ul
RT: 15.259 min Scan# 3365
Delta R.T. -0.011 min
Lab File: BM031703.D
Acq: 13 Aug 2021 07:45



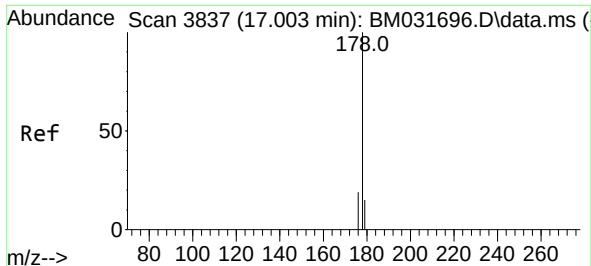
Tgt Ion:166 Resp: 349
Ion Ratio Lower Upper
166 100
165 106.5 78.0 117.0
167 43.7 12.0 18.0#



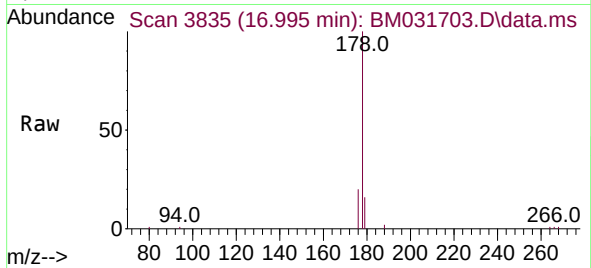
Instrument :
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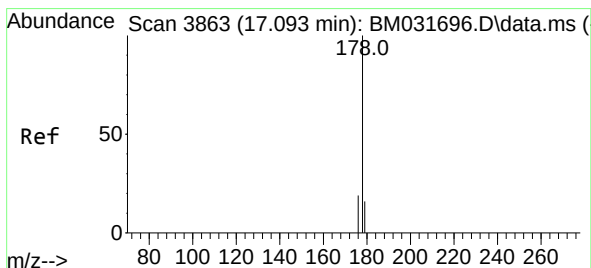
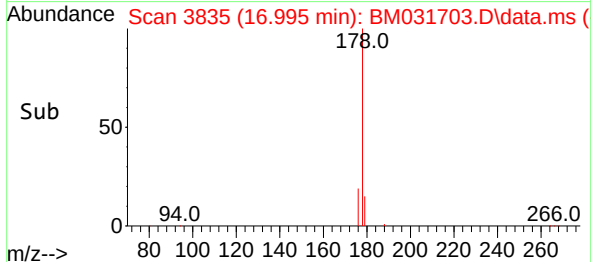
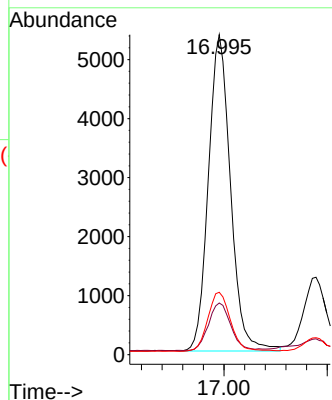
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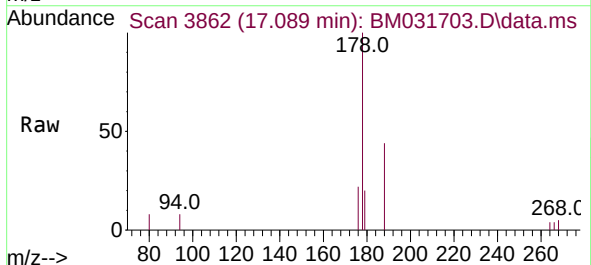
#15
Phenanthrene
Concen: 0.521 ng/ul
RT: 16.995 min Scan# 3835
Delta R.T. -0.007 min
Lab File: BM031703.D
Acq: 13 Aug 2021 07:45



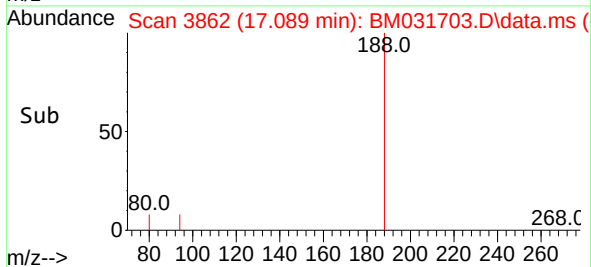
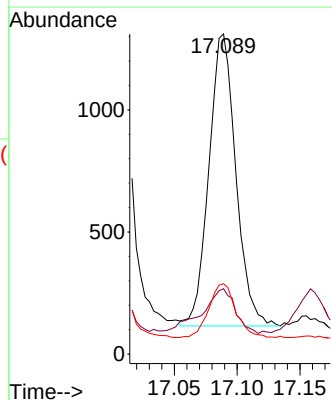
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.3	19.9
176	19.5	16.2	24.4



#16
Anthracene
Concen: 0.125 ng/ul
RT: 17.089 min Scan# 3862
Delta R.T. -0.007 min
Lab File: BM031703.D
Acq: 13 Aug 2021 07:45



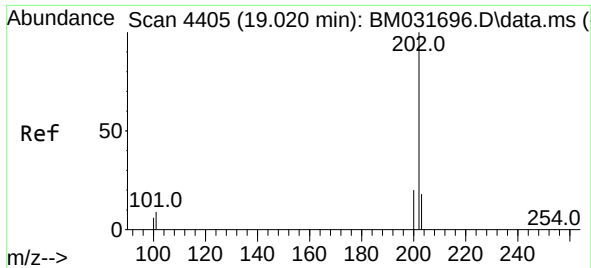
Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.4	13.0	19.6#
176	22.0	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
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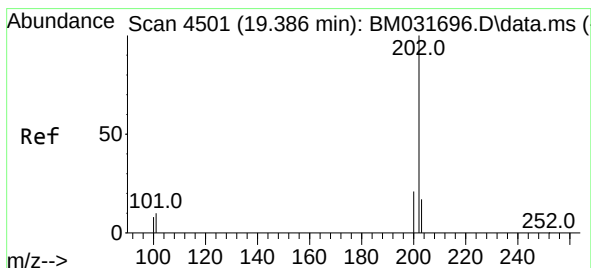
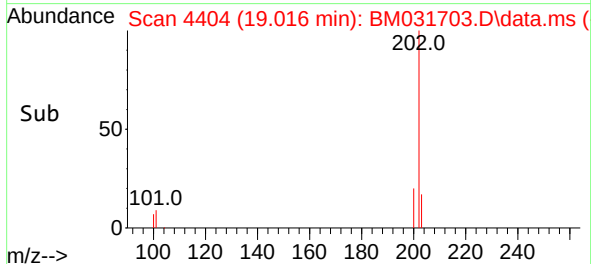
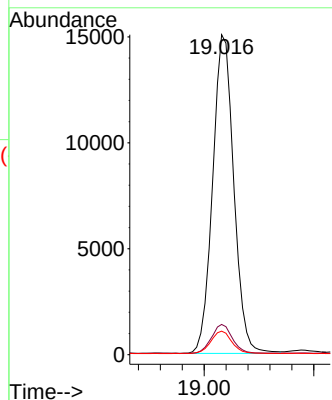
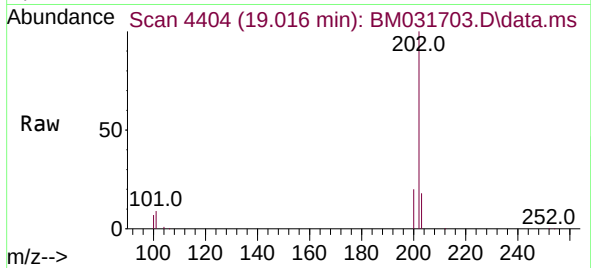
#19
Fluoranthene
Concen: 1.184 ng/ul
RT: 19.016 min Scan# 4404
Delta R.T. -0.011 min
Lab File: BM031703.D
Acq: 13 Aug 2021 07:45

Tgt Ion:	202	Resp:	20088
Ion Ratio	Lower	Upper	
202	100		
101	9.4	6.6	10.0
100	7.4	5.4	8.0

Instrument :
BNA_M
ClientSampleId :
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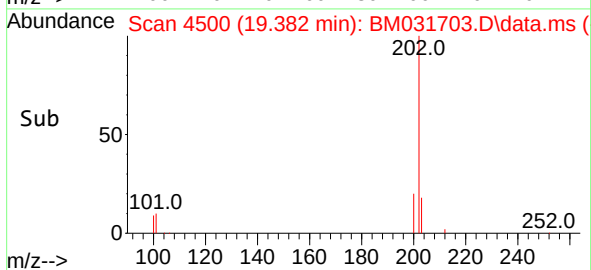
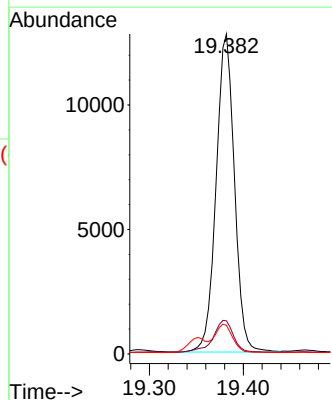
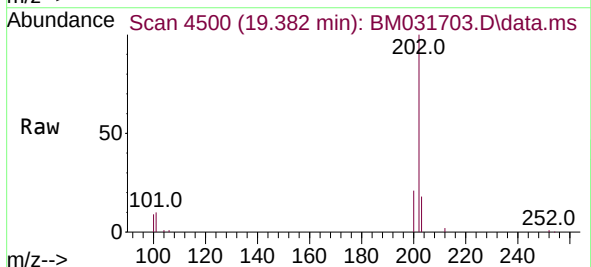
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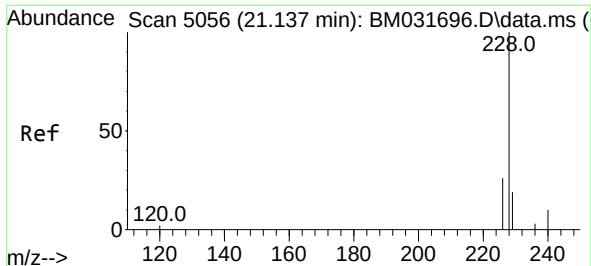
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#20
Pyrene
Concen: 1.006 ng/ul
RT: 19.382 min Scan# 4500
Delta R.T. -0.007 min
Lab File: BM031703.D
Acq: 13 Aug 2021 07:45

Tgt Ion:	202	Resp:	17309
Ion Ratio	Lower	Upper	
202	100		
101	10.3	7.8	11.6
100	8.9	6.6	10.0





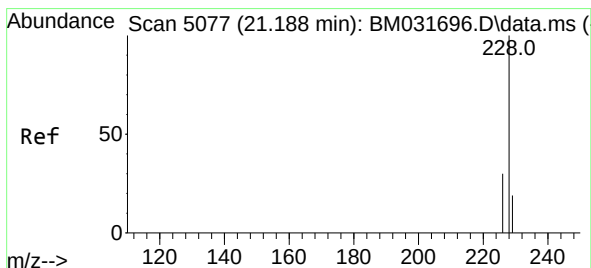
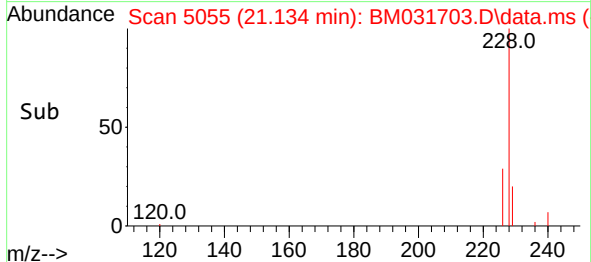
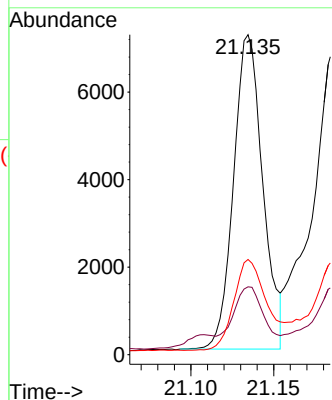
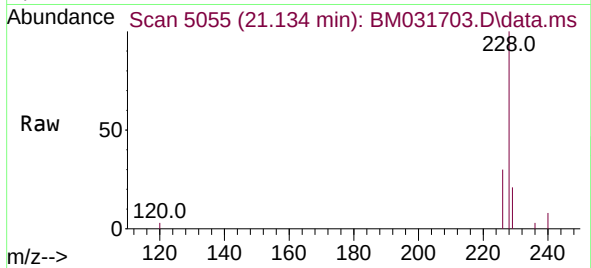
#21
Benzo(a)anthracene
Concen: 0.549 ng/ul
RT: 21.134 min Scan# 5055
Delta R.T. -0.009 min
Lab File: BM031703.D
Acq: 13 Aug 2021 07:45

Tgt Ion:	228	Resp:	8814
Ion Ratio	Lower	Upper	
228	100		
229	21.2	15.6	23.4
226	29.7	21.7	32.5

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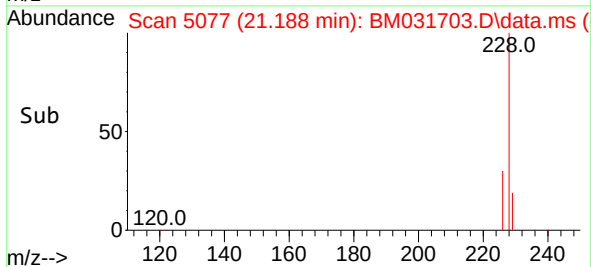
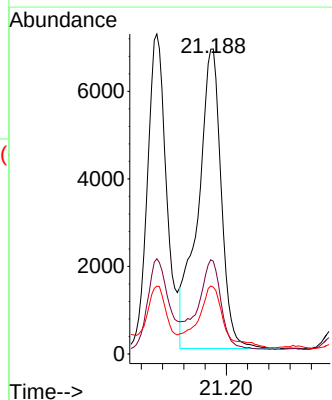
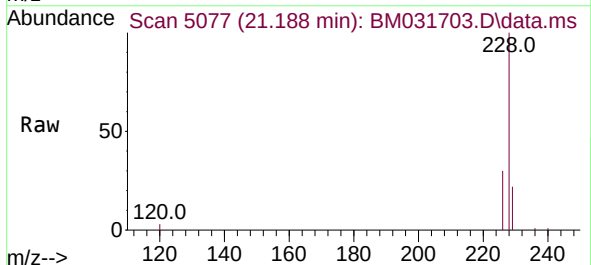
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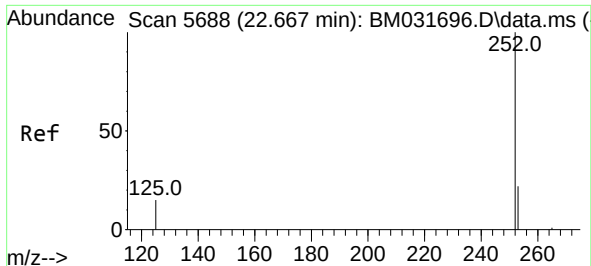
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#22
Chrysene
Concen: 0.631 ng/ul
RT: 21.188 min Scan# 5077
Delta R.T. -0.007 min
Lab File: BM031703.D
Acq: 13 Aug 2021 07:45

Tgt Ion:	228	Resp:	10470
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.7	37.1
229	21.9	16.2	24.2





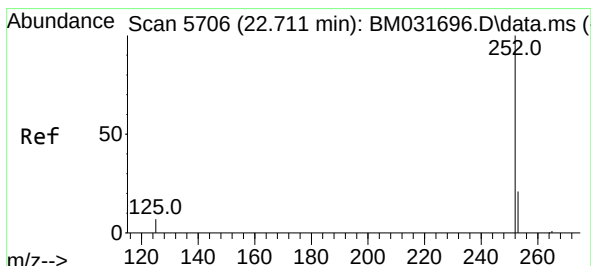
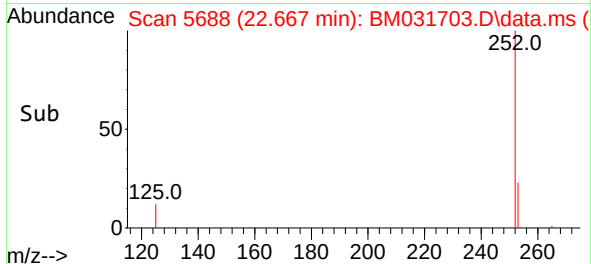
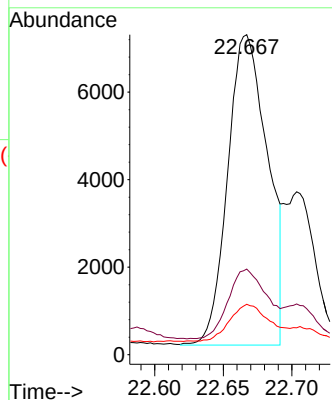
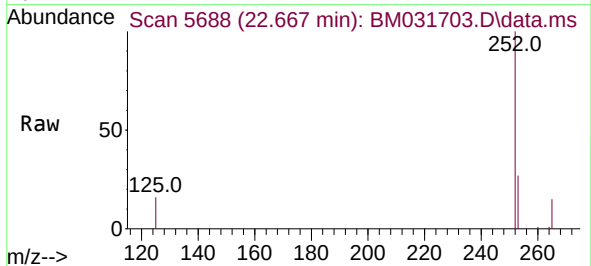
#24
Benzo(b)fluoranthene
Concen: 0.800 ng/ul m
RT: 22.667 min Scan# 5688
Delta R.T. -0.009 min
Lab File: BM031703.D
Acq: 13 Aug 2021 07:45

Tgt Ion:	252	Resp:	14330
Ion Ratio	Lower	Upper	
252	100		
253	26.8	0.0	53.0
125	15.8	0.0	22.8

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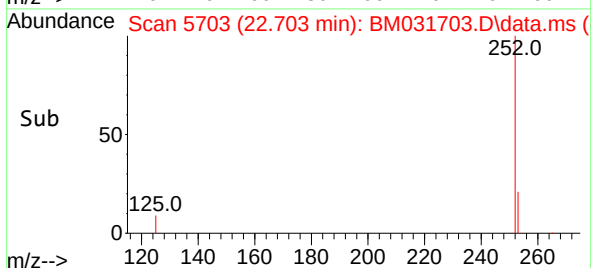
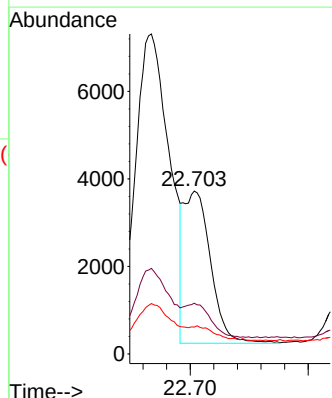
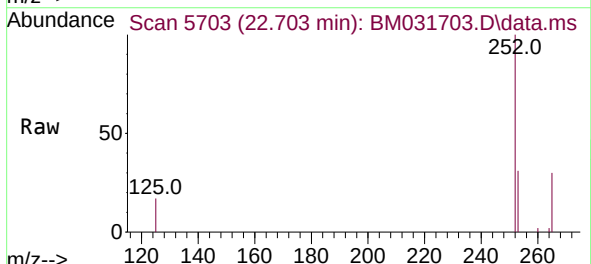
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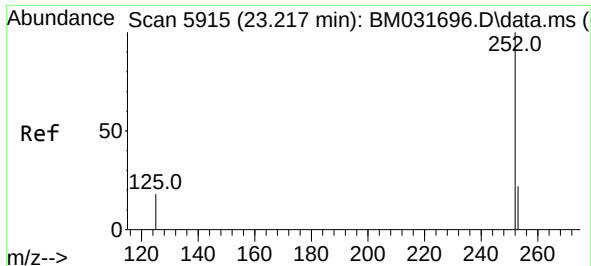
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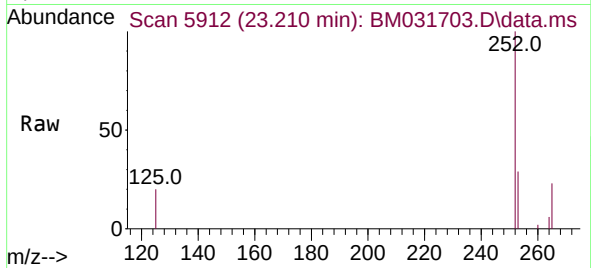
#25
Benzo(k)fluoranthene
Concen: 0.299 ng/ul m
RT: 22.703 min Scan# 5703
Delta R.T. -0.017 min
Lab File: BM031703.D
Acq: 13 Aug 2021 07:45

Tgt Ion:	252	Resp:	5534
Ion Ratio	Lower	Upper	
252	100		
253	31.2	21.3	31.9
125	16.5	8.8	13.2#

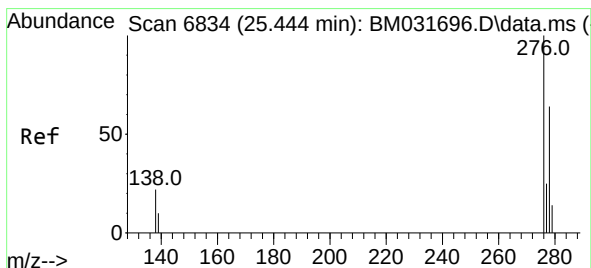
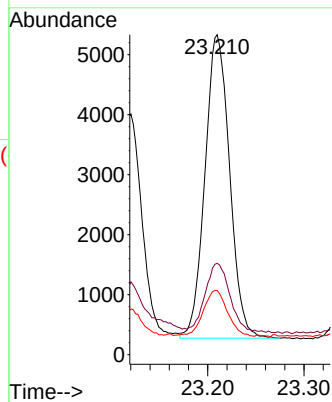
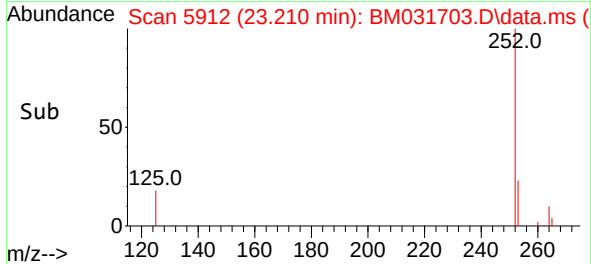




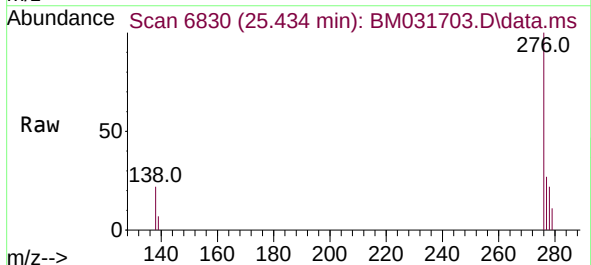
#26
Benzo(a)pyrene
Concen: 0.575 ng/ul
RT: 23.210 min Scan# 5912
Delta R.T. -0.017 min
Lab File: BM031703.D
Acq: 13 Aug 2021 07:45



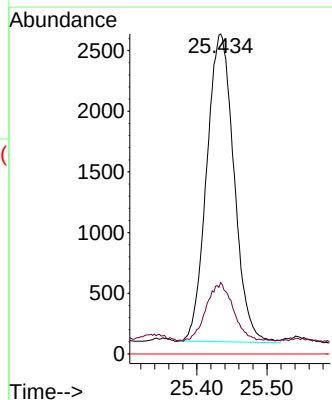
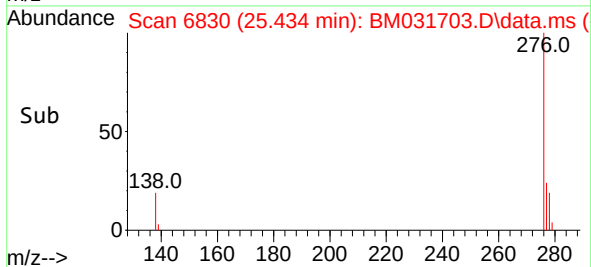
Tgt Ion:252 Resp: 9018
Ion Ratio Lower Upper
252 100
253 28.6 22.4 33.6
125 20.0 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.338 ng/ul
RT: 25.434 min Scan# 6830
Delta R.T. -0.026 min
Lab File: BM031703.D
Acq: 13 Aug 2021 07:45



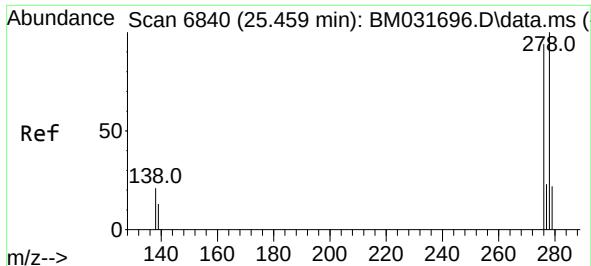
Tgt Ion:276 Resp: 6854
Ion Ratio Lower Upper
276 100
138 19.1 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
C00B8DL

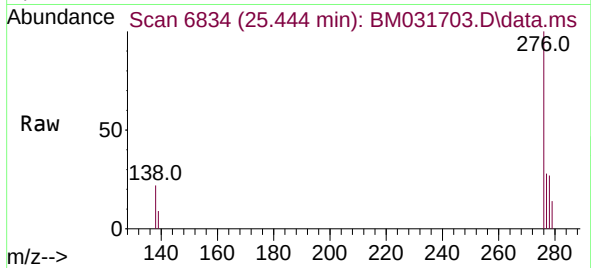
Manual Integrations
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#28
Dibenzo(a,h)anthracene
Concen: 0.100 ng/ul
RT: 25.444 min Scan# 6834
Delta R.T. -0.029 min
Lab File: BM031703.D
Acq: 13 Aug 2021 07:45

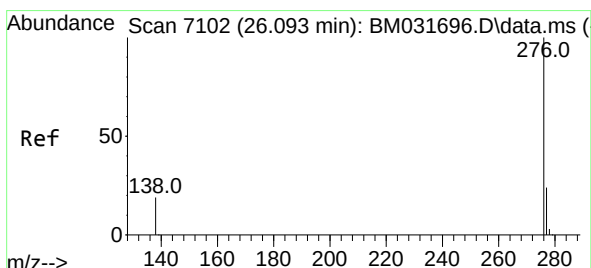
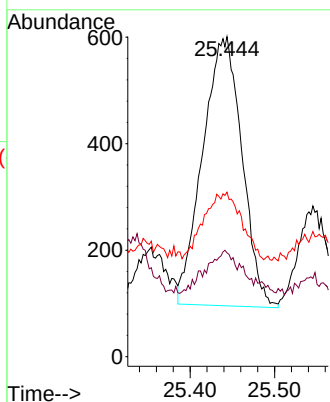
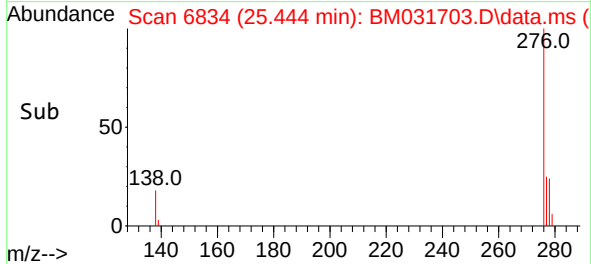
Instrument :
BNA_M
ClientSampled :
C00B8DL



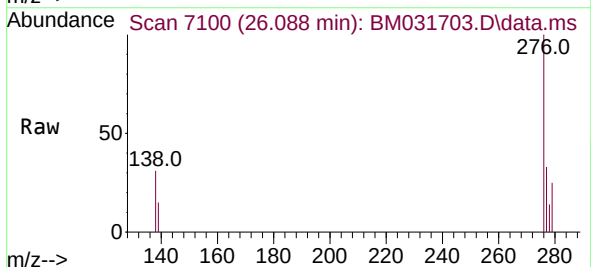
Tgt Ion:278 Resp: 1630
Ion Ratio Lower Upper
278 100
139 32.4 13.3 19.9#
279 51.4 22.8 34.2#

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.119 ng/ul
RT: 26.088 min Scan# 7100
Delta R.T. -0.019 min
Lab File: BM031703.D
Acq: 13 Aug 2021 07:45



Tgt Ion:276 Resp: 2053
Ion Ratio Lower Upper
276 100
138 30.8 15.4 23.2#
277 33.0 19.9 29.9#

