

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031678.D
 Acq On : 12 Aug 2021 15:38
 Operator : CG/JU
 Sample : M3182-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00D2

Manual Integrations
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mohammad
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Quant Time: Aug 12 16:13:14 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 Aug 12 11:28:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.573	152	1220	0.400	ng/ul	0.00
4) Naphthalene-d8	10.333	136	4449	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.204	164	2826	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.957	188	4618	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.157	240	3798	0.400	ng/ul	# 0.00
23) Perylene-d12	23.315	264	3725	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	4712	3.478	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.925	152	1780	0.237	ng/ul	0.00
18) Fluoranthene-d10	18.989	212	3522	0.278	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.382	128	59252	4.471	ng/ul	97
7) 2-Methylnaphthalene	12.001	142	36744	4.058	ng/ul	100
8) 1-Methylnaphthalene	12.222	142	16581	1.853	ng/ul	100
10) Acenaphthylene	13.926	152	6373	0.529	ng/ul	98
11) Acenaphthene	14.299	153	1221m	0.121	ng/ul	
12) Fluorene	15.262	166	1229	0.105	ng/ul#	74
15) Phenanthrene	16.999	178	71502	4.876	ng/ul	97
16) Anthracene	17.089	178	6723	0.490	ng/ul	99
19) Fluoranthene	19.023	202	58105	3.583	ng/ul	97
20) Pyrene	19.385	202	47834	2.908	ng/ul	96
21) Benzo(a)anthracene	21.140	228	28486	1.857	ng/ul	94
22) Chrysene	21.193	228	41388	2.608	ng/ul	97
24) Benzo(b)fluoranthene	22.675	252	42247m	2.517	ng/ul	
25) Benzo(k)fluoranthene	22.712	252	14968m	0.863	ng/ul	
26) Benzo(a)pyrene	23.220	252	22004	1.497	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.447	276	17002	0.895	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.449	278	4679	0.306	ng/ul#	76
29) Benzo(g,h,i)perylene	26.104	276	3027	0.187	ng/ul#	79

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

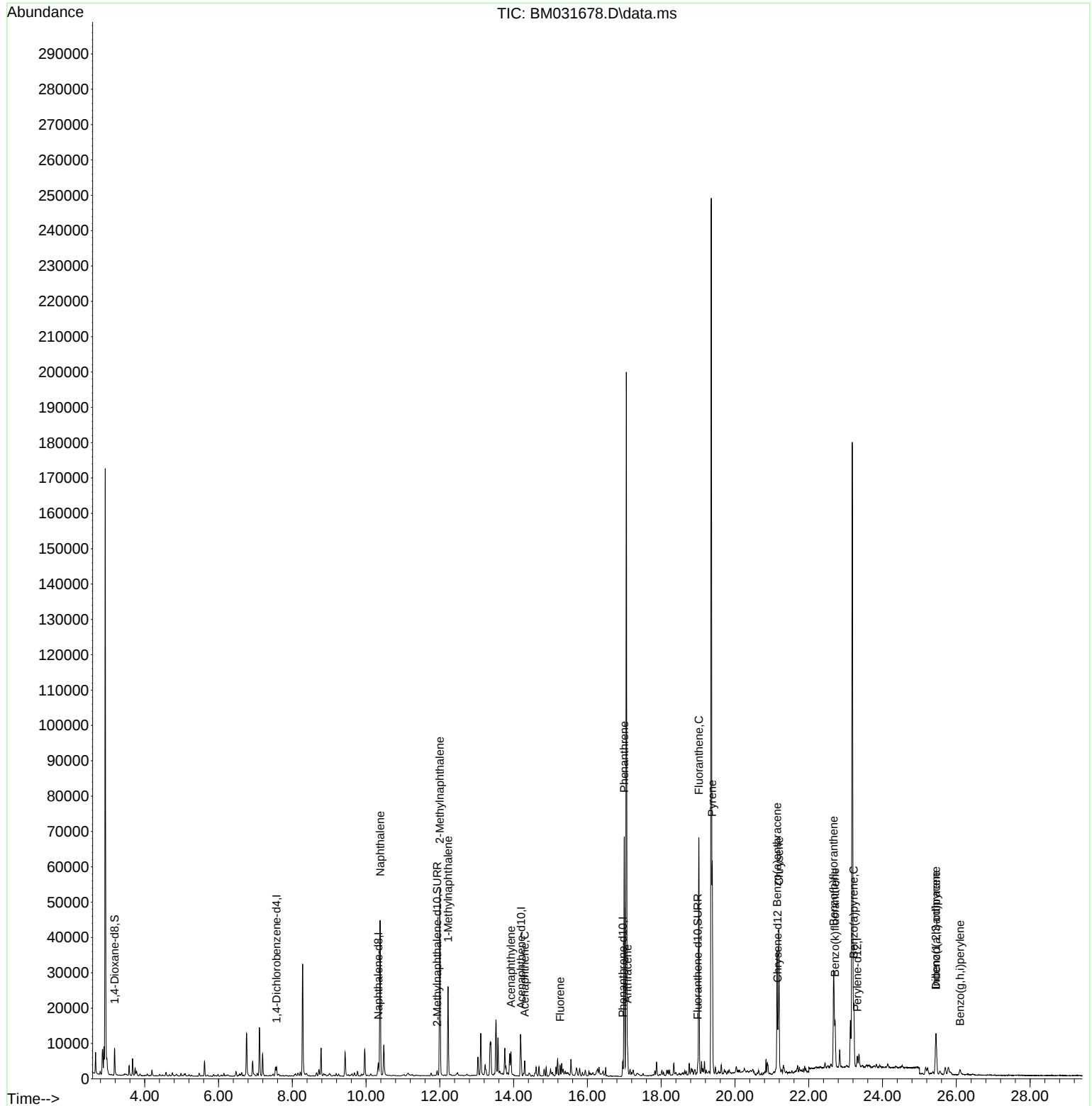
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031678.D
Acq On : 12 Aug 2021 15:38
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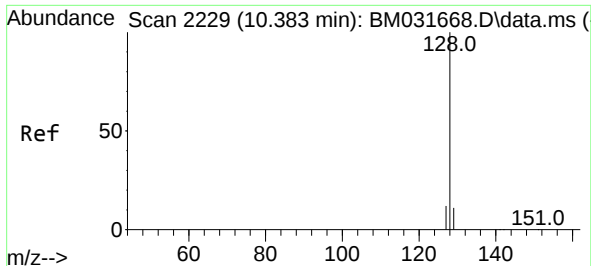
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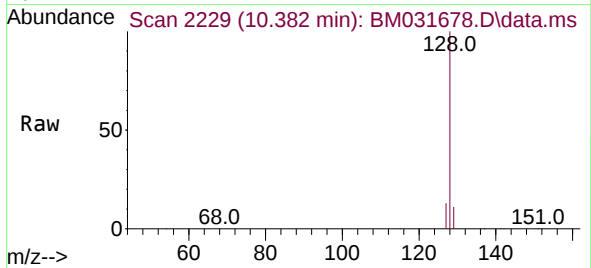
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Quant Time: Aug 12 16:13:14 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

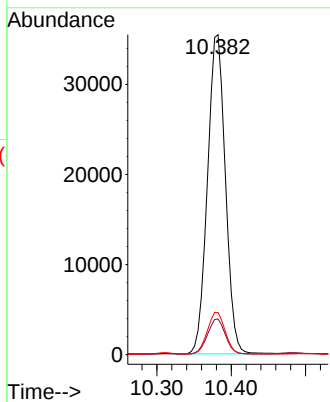
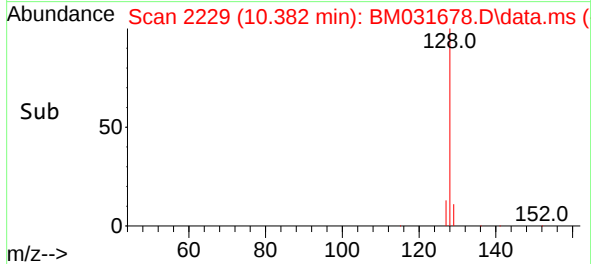




#5
Naphthalene
Concen: 4.471 ng/ul
RT: 10.382 min Scan# 2229
Delta R.T. -0.001 min
Lab File: BM031678.D
Acq: 12 Aug 2021 15:38



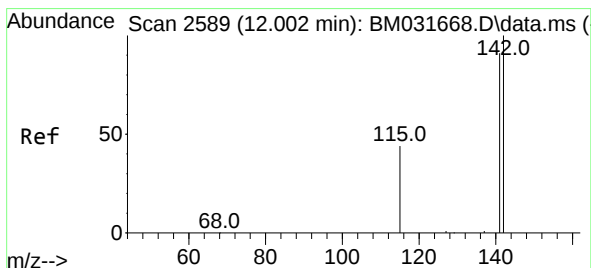
Tgt Ion:128 Resp: 59252
Ion Ratio Lower Upper
128 100
129 11.2 10.0 15.0
127 13.1 11.6 17.4



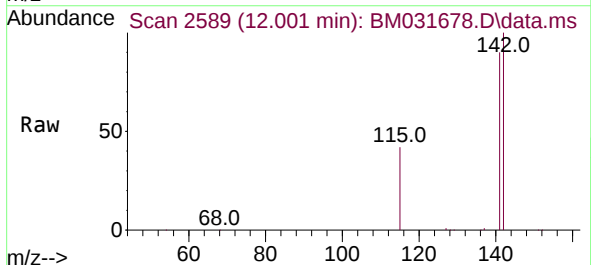
Instrument :
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ClientSampleId :
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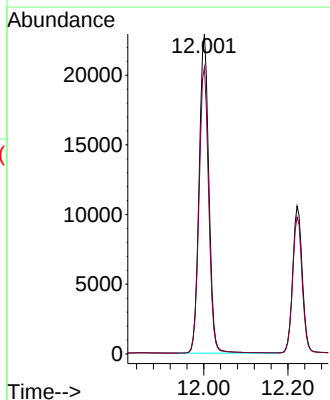
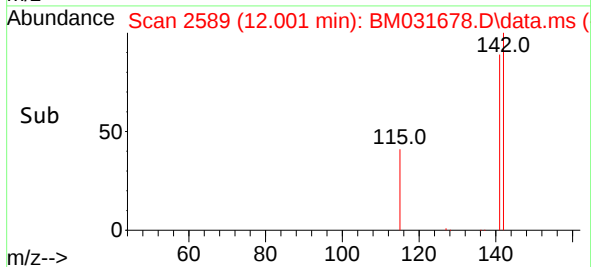
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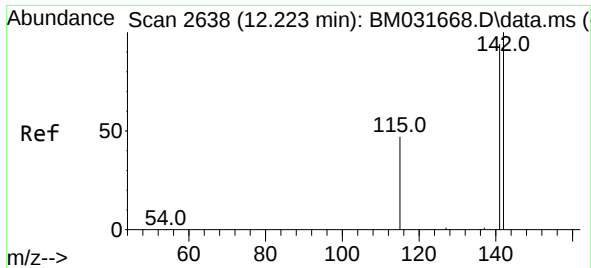


#7
2-Methylnaphthalene
Concen: 4.058 ng/ul
RT: 12.001 min Scan# 2589
Delta R.T. -0.001 min
Lab File: BM031678.D
Acq: 12 Aug 2021 15:38

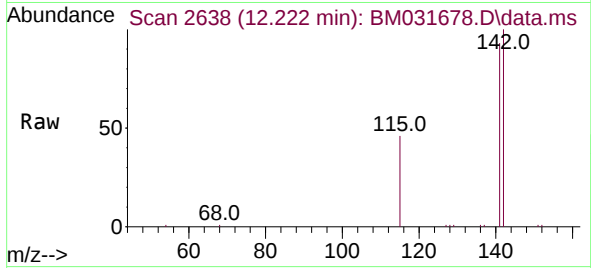


Tgt Ion:142 Resp: 36744
Ion Ratio Lower Upper
142 100
141 89.5 71.4 107.0

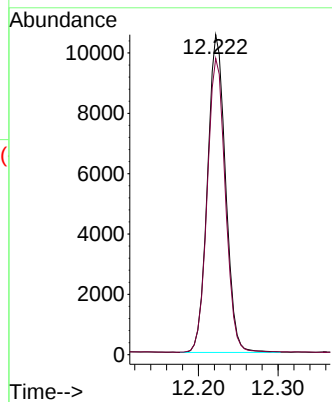
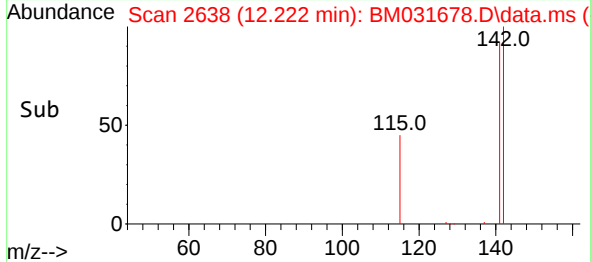




#8
1-Methylnaphthalene
Concen: 1.853 ng/ul
RT: 12.222 min Scan# 2638
Delta R.T. -0.001 min
Lab File: BM031678.D
Acq: 12 Aug 2021 15:38



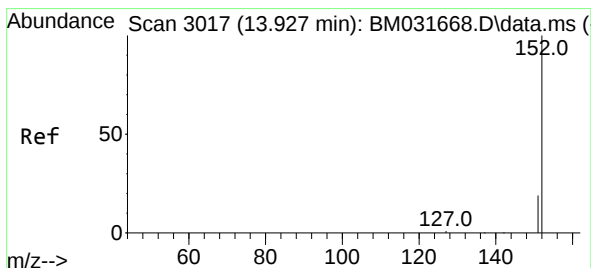
Tgt Ion:142 Resp: 16581
Ion Ratio Lower Upper
142 100
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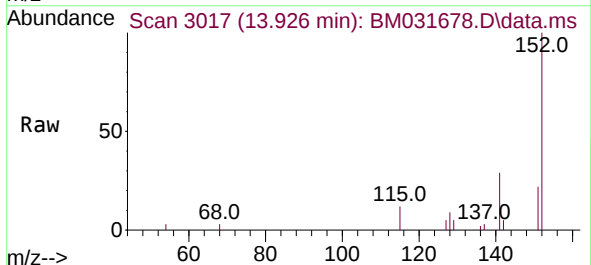
Instrument :
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ClientSampleId :
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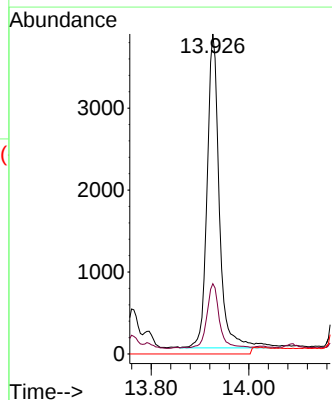
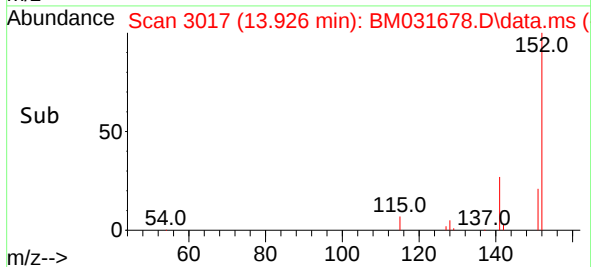
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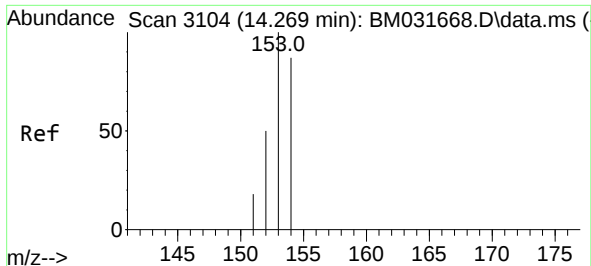


#10
Acenaphthylene
Concen: 0.529 ng/ul
RT: 13.926 min Scan# 3017
Delta R.T. -0.001 min
Lab File: BM031678.D
Acq: 12 Aug 2021 15:38



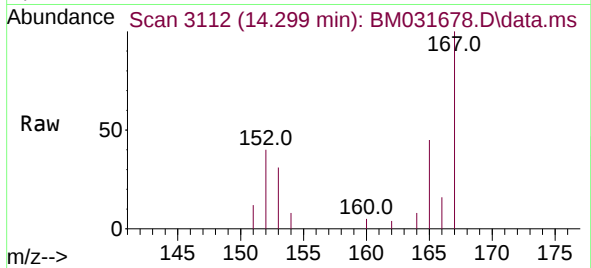
Tgt Ion:152 Resp: 6373
Ion Ratio Lower Upper
152 100
151 22.0 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.121 ng/ul m
RT: 14.299 min Scan# 3112
Delta R.T. 0.030 min
Lab File: BM031678.D
Acq: 12 Aug 2021 15:38

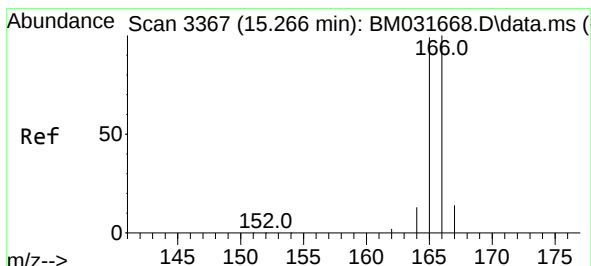
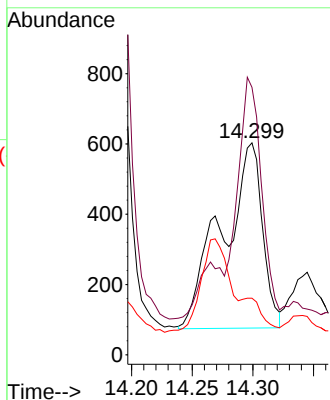
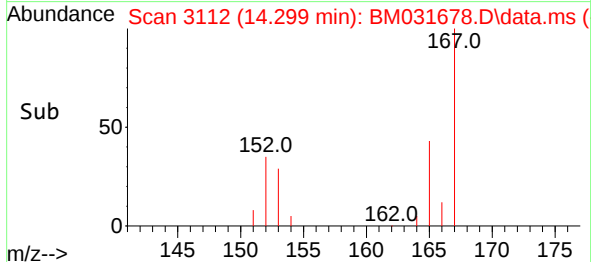
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ClientSampleId :
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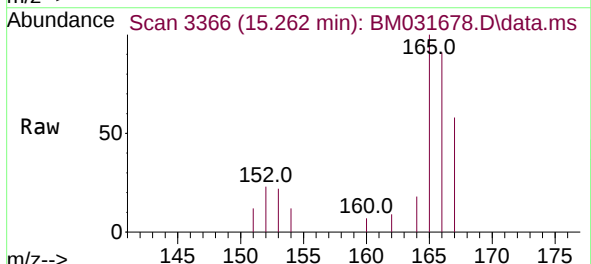
Tgt Ion:153 Resp: 1221
Ion Ratio Lower Upper
153 100
152 126.2 40.7 61.1#
154 26.7 70.2 105.2#

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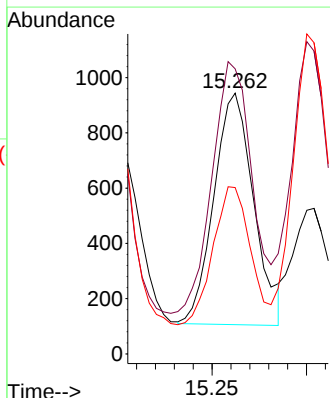
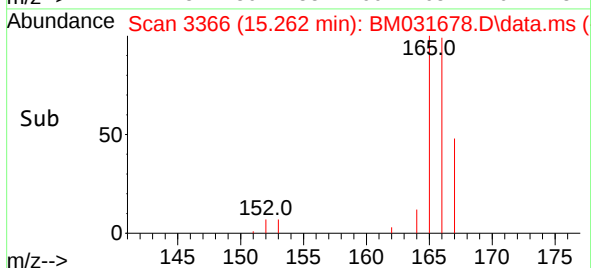
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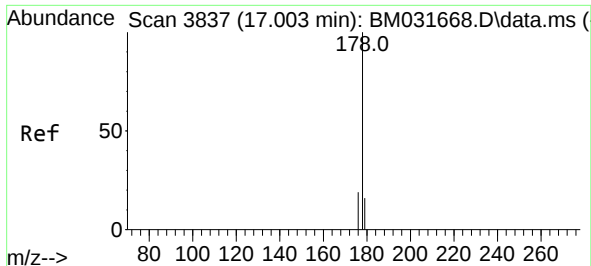


#12
Fluorene
Concen: 0.105 ng/ul
RT: 15.262 min Scan# 3366
Delta R.T. -0.004 min
Lab File: BM031678.D
Acq: 12 Aug 2021 15:38



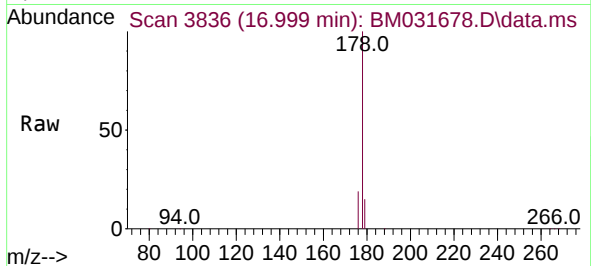
Tgt Ion:166 Resp: 1229
Ion Ratio Lower Upper
166 100
165 109.3 78.0 117.0
167 63.8 12.0 18.0#





#15
Phenanthrene
Concen: 4.876 ng/ul
RT: 16.999 min Scan# 3836
Delta R.T. -0.004 min
Lab File: BM031678.D
Acq: 12 Aug 2021 15:38

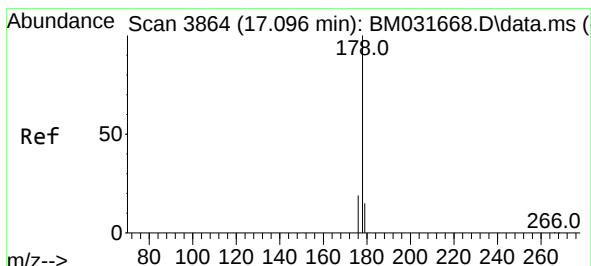
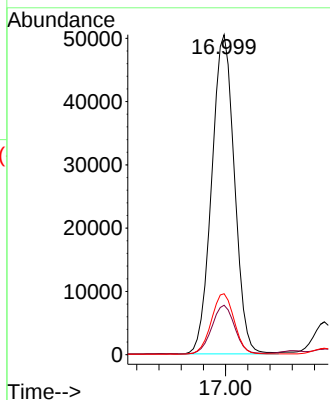
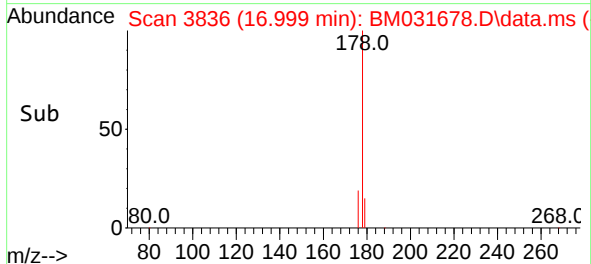
Instrument :
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ClientSampleId :
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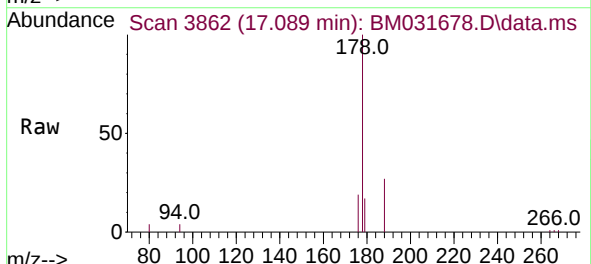
Tgt Ion:178 Resp: 71502
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.1 16.2 24.4

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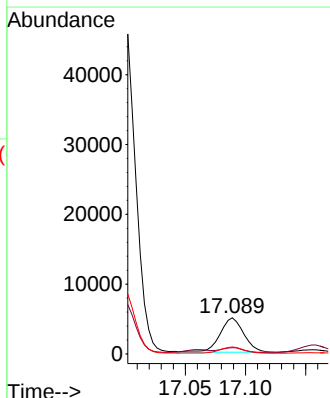
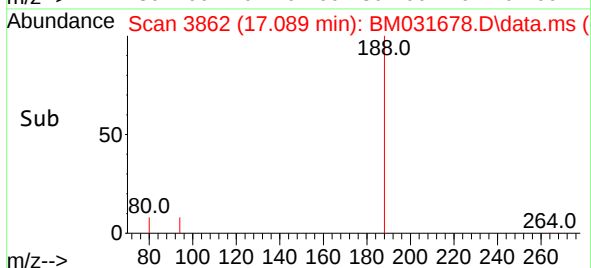
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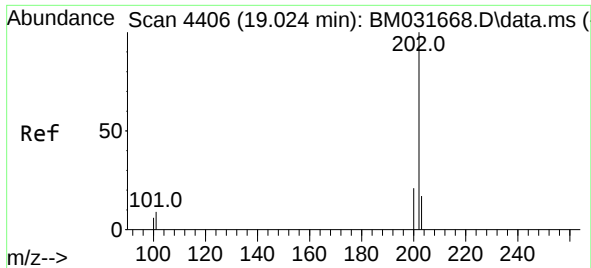


#16
Anthracene
Concen: 0.490 ng/ul
RT: 17.089 min Scan# 3862
Delta R.T. -0.007 min
Lab File: BM031678.D
Acq: 12 Aug 2021 15:38



Tgt Ion:178 Resp: 6723
Ion Ratio Lower Upper
178 100
179 17.4 13.0 19.6
176 19.5 15.6 23.4





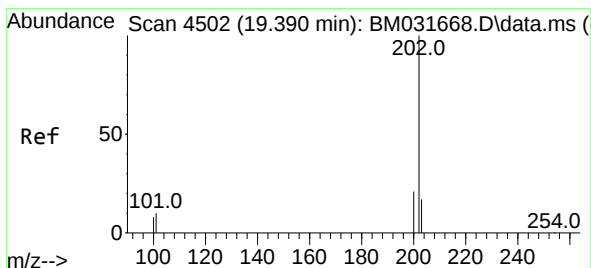
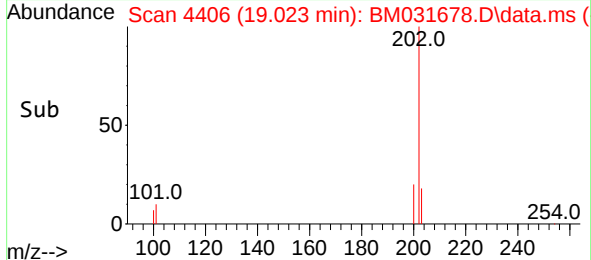
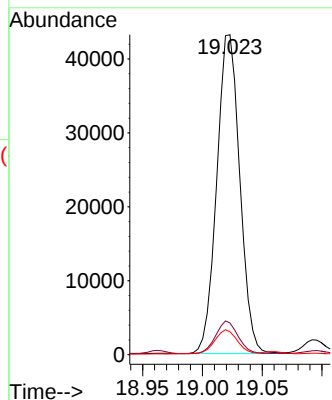
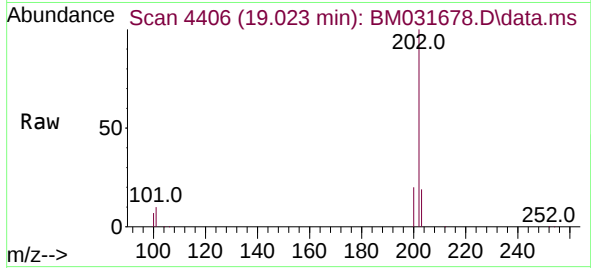
#19
Fluoranthene
Concen: 3.583 ng/u1
RT: 19.023 min Scan# 4406
Delta R.T. -0.001 min
Lab File: BM031678.D
Acq: 12 Aug 2021 15:38

Tgt Ion:	202	Resp:	58105
Ion Ratio	Lower	Upper	
202	100		
101	9.9	6.6	10.0
100	7.2	5.4	8.0

Instrument :
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C00D2

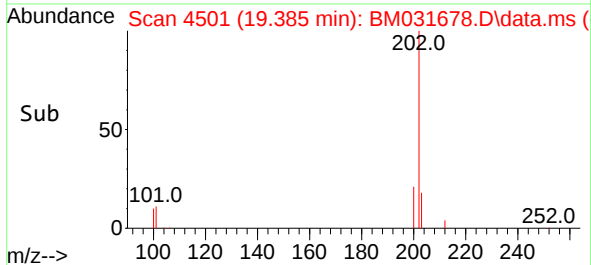
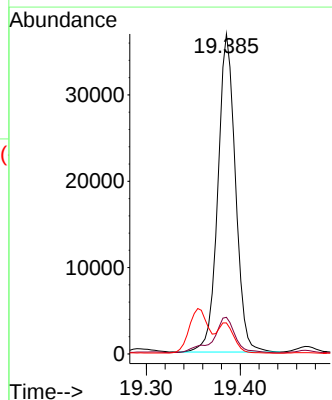
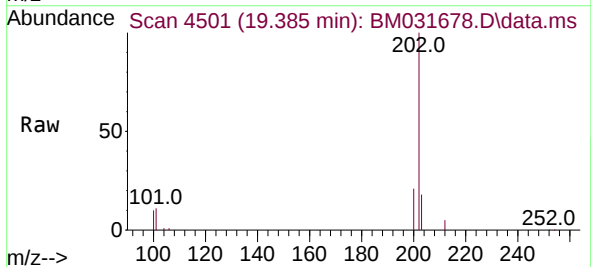
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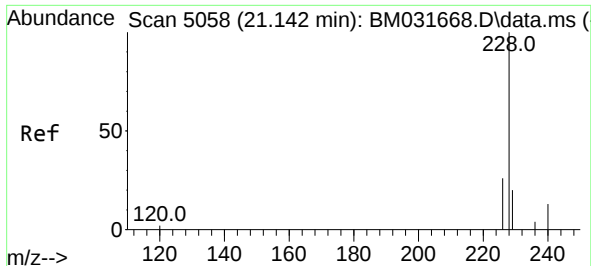
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#20
Pyrene
Concen: 2.908 ng/u1
RT: 19.385 min Scan# 4501
Delta R.T. -0.005 min
Lab File: BM031678.D
Acq: 12 Aug 2021 15:38

Tgt Ion:	202	Resp:	47834
Ion Ratio	Lower	Upper	
202	100		
101	11.5	7.8	11.6
100	9.7	6.6	10.0





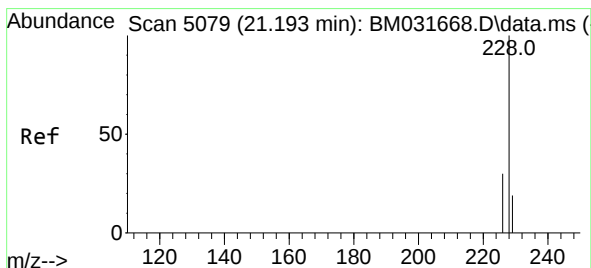
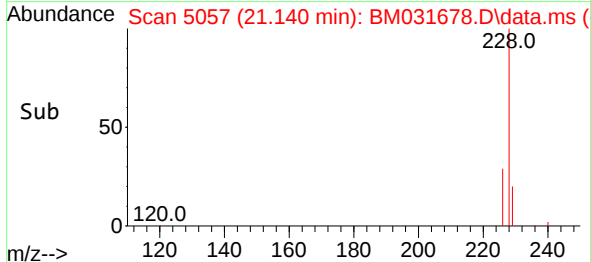
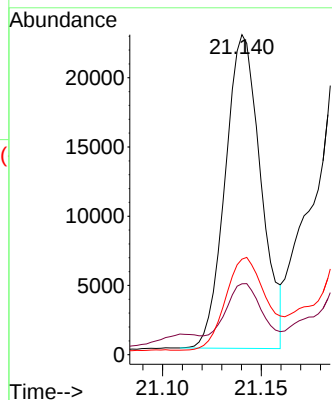
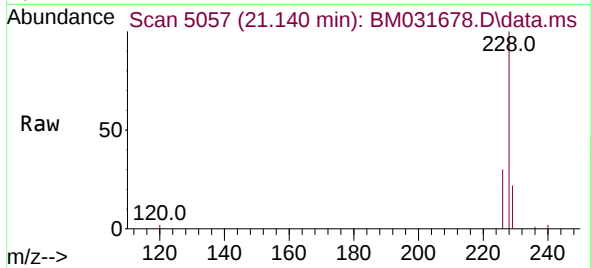
#21
Benzo(a)anthracene
Concen: 1.857 ng/ul
RT: 21.140 min Scan# 5057
Delta R.T. -0.002 min
Lab File: BM031678.D
Acq: 12 Aug 2021 15:38

Tgt Ion:	228	Resp:	28486
Ion Ratio	Lower	Upper	
228	100		
229	22.2	15.6	23.4
226	29.9	21.7	32.5

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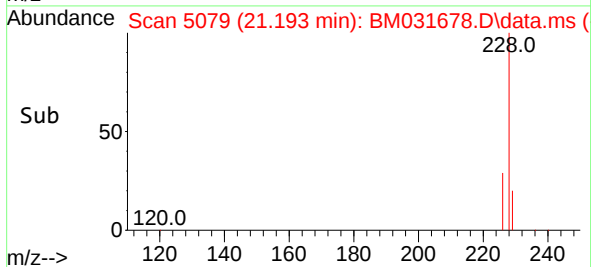
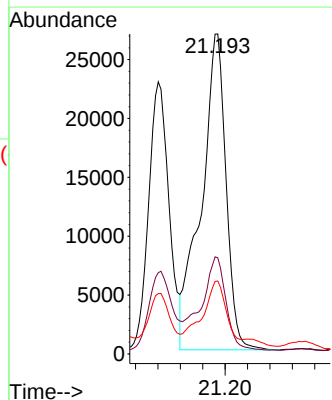
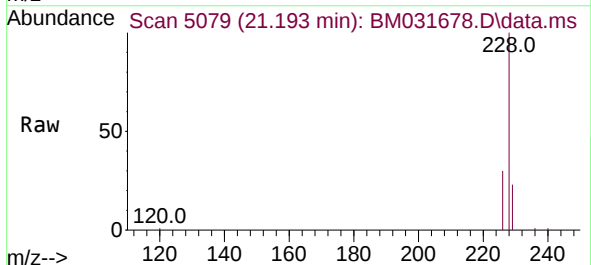
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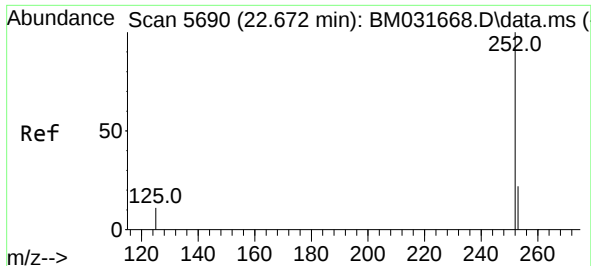
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#22
Chrysene
Concen: 2.608 ng/ul
RT: 21.193 min Scan# 5079
Delta R.T. 0.001 min
Lab File: BM031678.D
Acq: 12 Aug 2021 15:38

Tgt Ion:	228	Resp:	41388
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.7	37.1
229	22.8	16.2	24.2





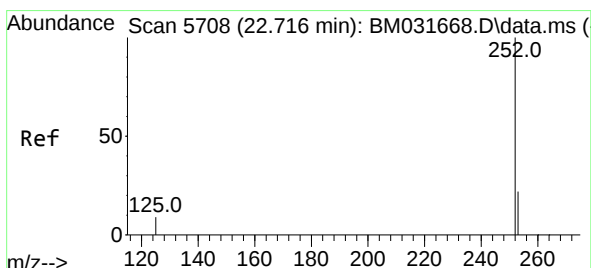
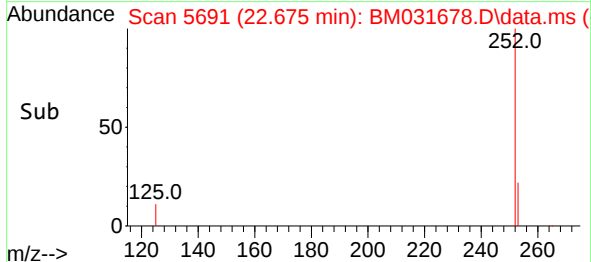
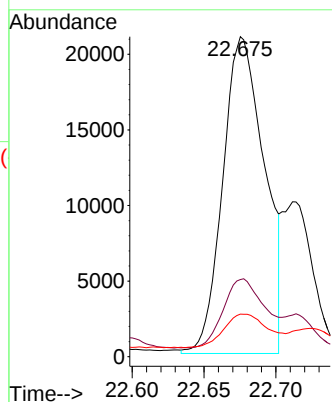
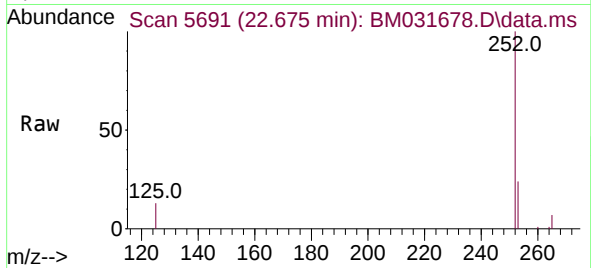
#24
Benzo(b)fluoranthene
Concen: 2.517 ng/ul m
RT: 22.675 min Scan# 5691
Delta R.T. 0.003 min
Lab File: BM031678.D
Acq: 12 Aug 2021 15:38

Tgt Ion:252 Resp: 42247
Ion Ratio Lower Upper
252 100
253 24.1 0.0 53.0
125 13.3 0.0 22.8

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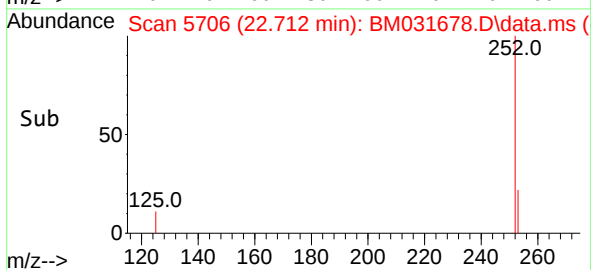
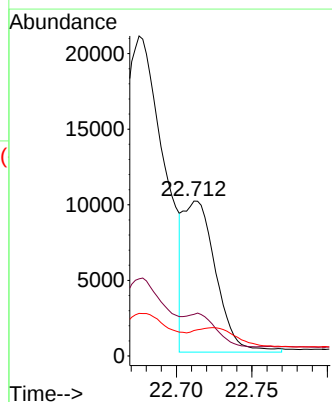
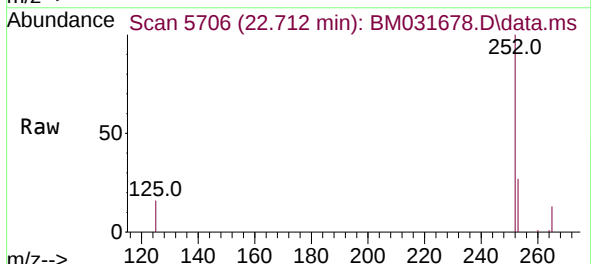
Manual Integrations
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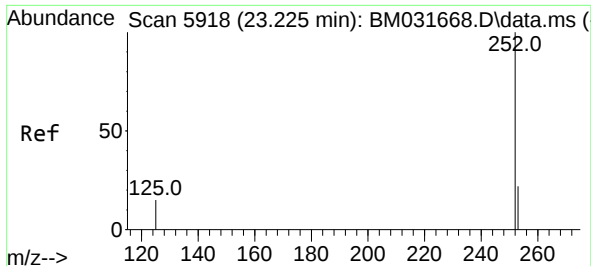
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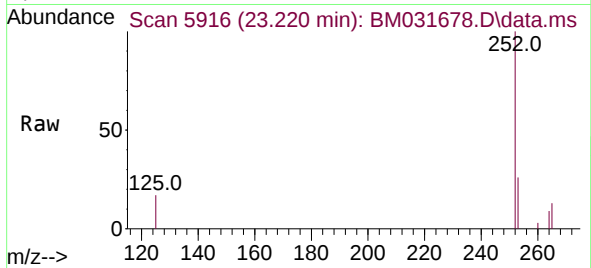
#25
Benzo(k)fluoranthene
Concen: 0.863 ng/ul m
RT: 22.712 min Scan# 5706
Delta R.T. -0.004 min
Lab File: BM031678.D
Acq: 12 Aug 2021 15:38

Tgt Ion:252 Resp: 14968
Ion Ratio Lower Upper
252 100
253 26.9 21.3 31.9
125 16.4 8.8 13.2#

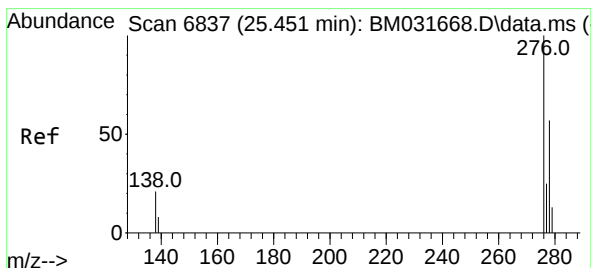
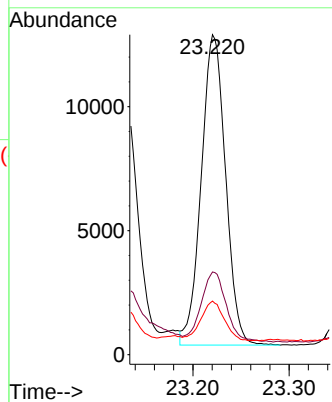
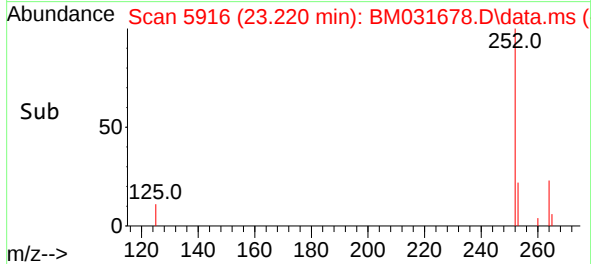




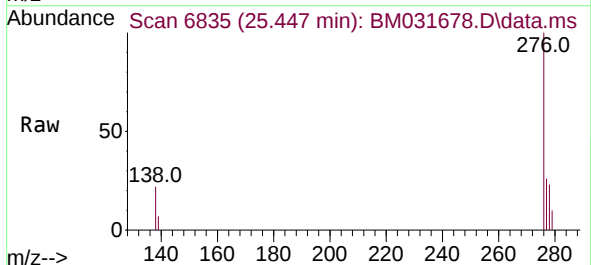
#26
Benzo(a)pyrene
Concen: 1.497 ng/ul
RT: 23.220 min Scan# 5916
Delta R.T. -0.004 min
Lab File: BM031678.D
Acq: 12 Aug 2021 15:38



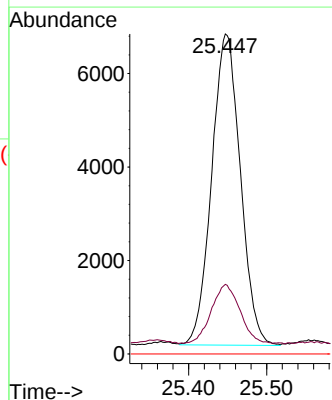
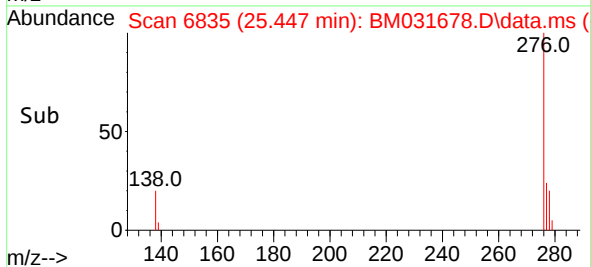
Tgt Ion: 252 Resp: 22004
Ion Ratio Lower Upper
252 100
253 25.8 22.4 33.6
125 16.8 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.895 ng/ul
RT: 25.447 min Scan# 6835
Delta R.T. -0.004 min
Lab File: BM031678.D
Acq: 12 Aug 2021 15:38



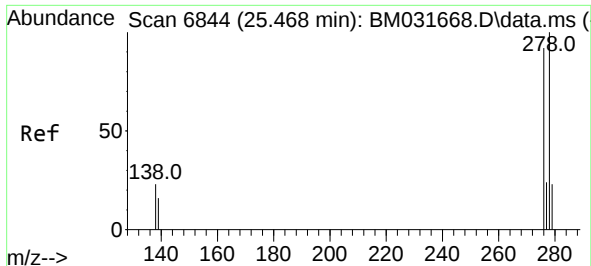
Tgt Ion: 276 Resp: 17002
Ion Ratio Lower Upper
276 100
138 19.2 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
C00D2

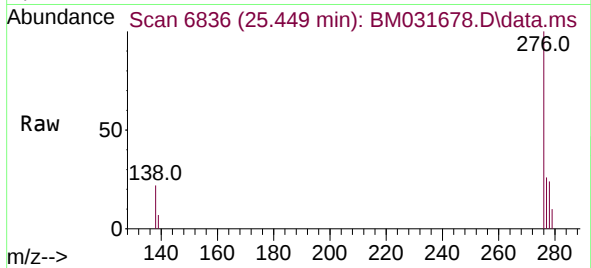
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#28
Dibenzo(a,h)anthracene
Concen: 0.306 ng/ul
RT: 25.449 min Scan# 6836
Delta R.T. -0.019 min
Lab File: BM031678.D
Acq: 12 Aug 2021 15:38

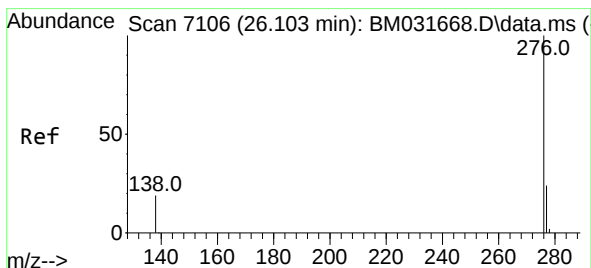
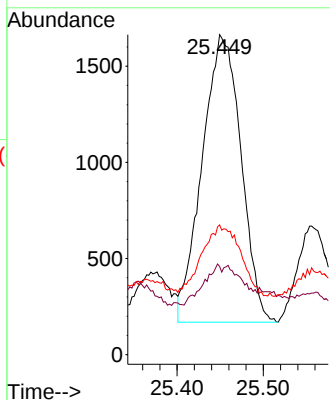
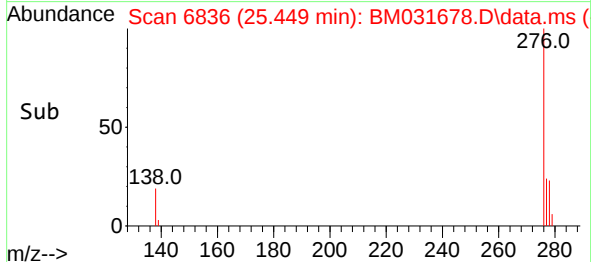
Instrument :
BNA_M
ClientSampled :
C00D2



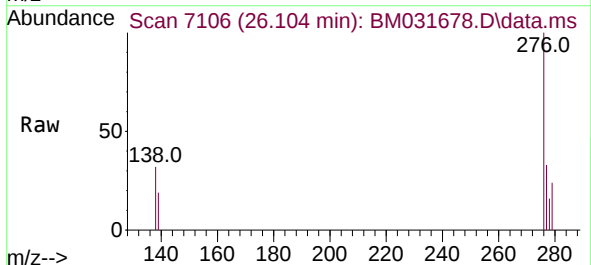
Tgt Ion:278 Resp: 4679
Ion Ratio Lower Upper
278 100
139 27.5 13.3 19.9#
279 40.6 22.8 34.2#

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#29
Benzo(g,h,i)perylene
Concen: 0.187 ng/ul
RT: 26.104 min Scan# 7106
Delta R.T. 0.001 min
Lab File: BM031678.D
Acq: 12 Aug 2021 15:38



Tgt Ion:276 Resp: 3027
Ion Ratio Lower Upper
276 100
138 31.6 15.4 23.2#
277 33.3 19.9 29.9#

