

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031411.D
 Acq On : 03 Aug 2021 14:48
 Operator : CG/JU
 Sample : M3123-21
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0082

Manual Integrations
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Quant Time: Aug 03 15:39:52 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 : Tue Aug 03 13:47:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.600	152	1451	0.400	ng/ul	0.00
4) Naphthalene-d8	10.359	136	5551	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.227	164	3297	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.978	188	6313	0.400	ng/ul	0.00
17) Chrysene-d12	21.169	240	5066	0.400	ng/ul	0.00
23) Perylene-d12	23.330	264	4908	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	1829	1.135	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.952	152	1697	0.181	ng/ul	0.00
18) Fluoranthene-d10	19.008	212	3465	0.205	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.409	128	1049	0.063	ng/ul#	84
7) 2-Methylnaphthalene	12.028	142	2148	0.190	ng/ul	99
8) 1-Methylnaphthalene	12.248	142	1916	0.172	ng/ul	99
10) Acenaphthylene	13.949	152	283	0.020	ng/ul#	30
11) Acenaphthene	14.291	153	500m	0.042	ng/ul	
12) Fluorene	15.281	166	610	0.045	ng/ul#	60
15) Phenanthrene	17.019	178	22831	1.139	ng/ul	98
16) Anthracene	17.110	178	572	0.030	ng/ul#	76
19) Fluoranthene	19.038	202	23904	1.105	ng/ul	98
20) Pyrene	19.404	202	23502	1.071	ng/ul	99
21) Benzo(a)anthracene	21.152	228	6035m	0.295	ng/ul	
22) Chrysene	21.203	228	25584	1.209	ng/ul	98
24) Benzo(b)fluoranthene	22.687	252	9374m	0.424	ng/ul	
25) Benzo(k)fluoranthene	22.726	252	2692m	0.118	ng/ul	
26) Benzo(a)pyrene	23.235	252	4074	0.210	ng/ul#	55
27) Indeno(1,2,3-cd)pyrene	25.466	276	3394	0.136	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.474	278	1202	0.060	ng/ul#	40
29) Benzo(g,h,i)perylene	26.118	276	458	0.021	ng/ul#	32

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

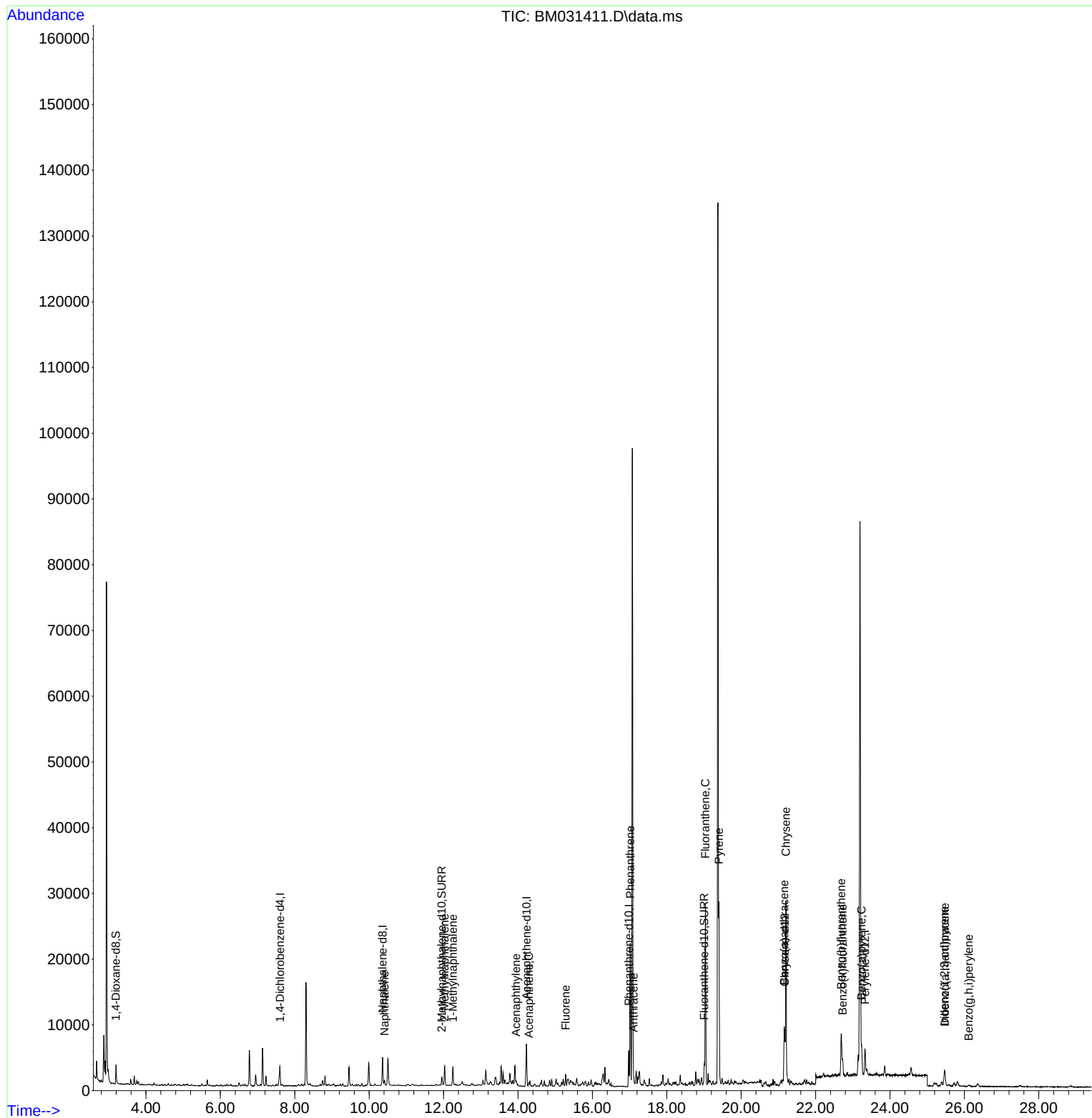
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Data File : BM031411.D
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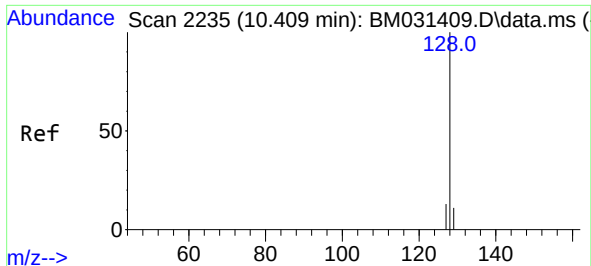
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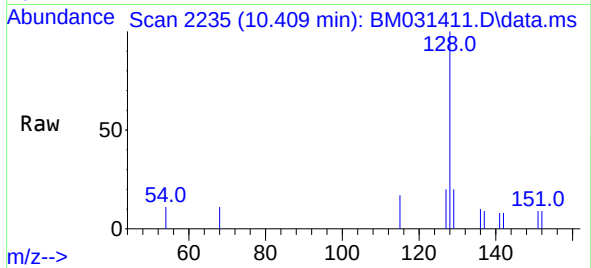
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 13:47:07 2021
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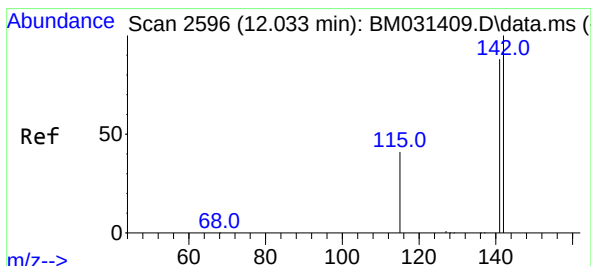
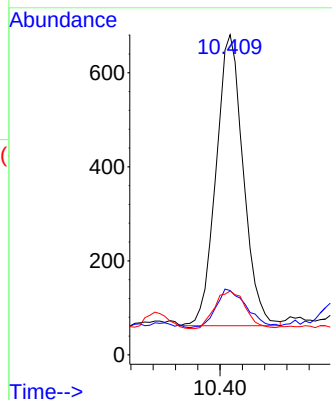
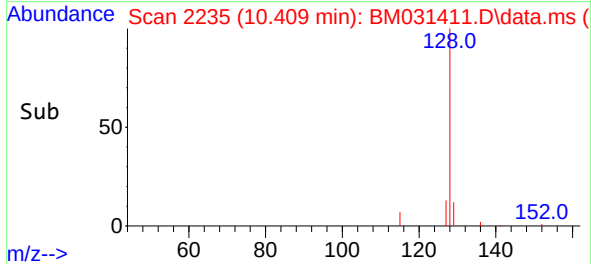




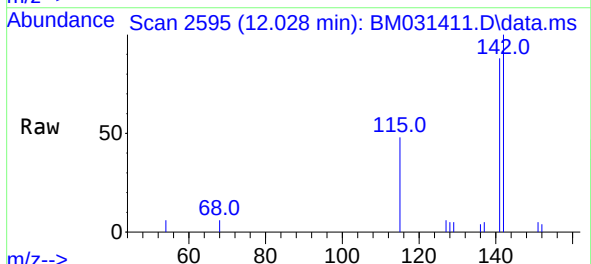
#5
Naphthalene
Concen: 0.063 ng/ul
RT: 10.409 min Scan# 2235
Delta R.T. -0.000 min
Lab File: BM031411.D
Acq: 03 Aug 2021 14:48



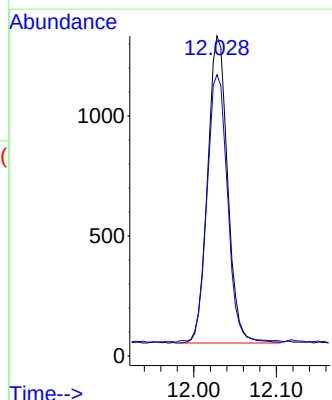
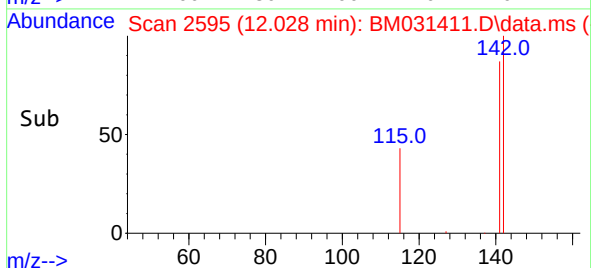
Tgt Ion:128 Resp: 1049
Ion Ratio Lower Upper
128 100
129 20.1 10.0 15.0#
127 20.0 11.6 17.4#



#7
2-Methylnaphthalene
Concen: 0.190 ng/ul
RT: 12.028 min Scan# 2595
Delta R.T. -0.005 min
Lab File: BM031411.D
Acq: 03 Aug 2021 14:48



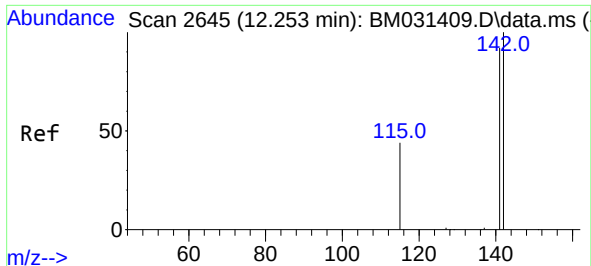
Tgt Ion:142 Resp: 2148
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.0



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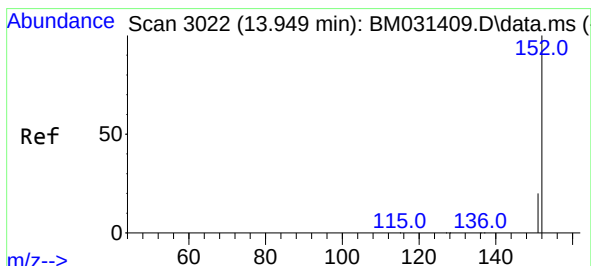
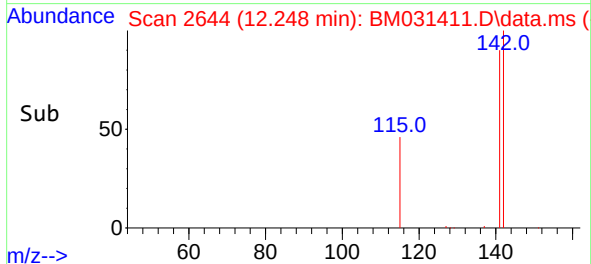
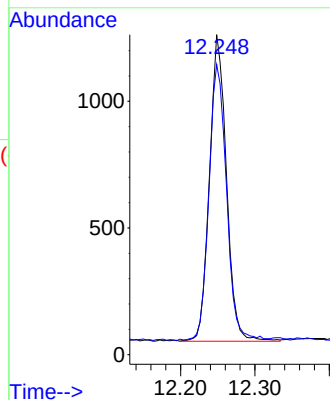
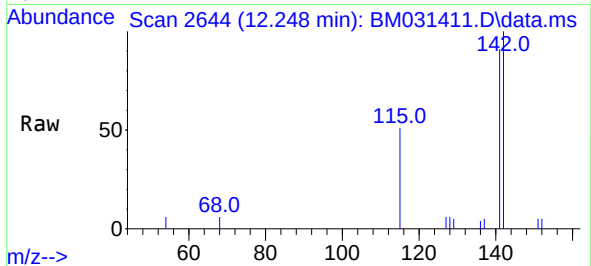
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1-Methylnaphthalene
Concen: 0.172 ng/ul
RT: 12.248 min Scan# 2644
Delta R.T. -0.005 min
Lab File: BM031411.D
Acq: 03 Aug 2021 14:48

Tgt Ion:142 Resp: 1916
Ion Ratio Lower Upper
142 100
141 93.6 74.1 111.1

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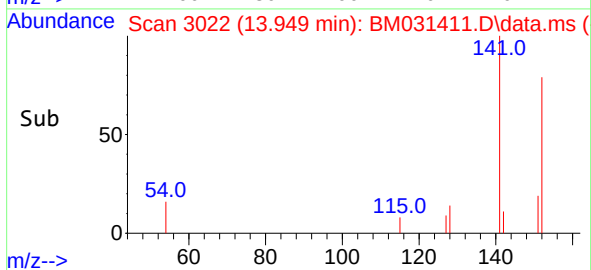
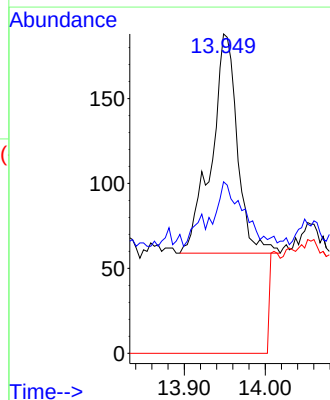
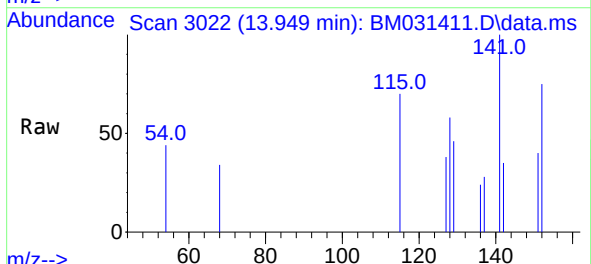
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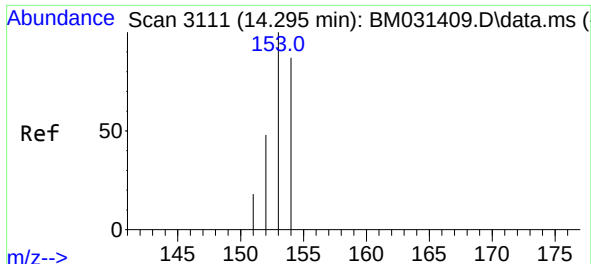
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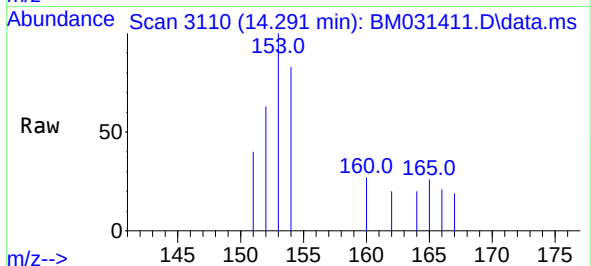
#10
Acenaphthylene
Concen: 0.020 ng/ul
RT: 13.949 min Scan# 3022
Delta R.T. -0.000 min
Lab File: BM031411.D
Acq: 03 Aug 2021 14:48

Tgt Ion:152 Resp: 283
Ion Ratio Lower Upper
152 100
151 53.7 16.9 25.3#
153 0.0 0.0 0.0

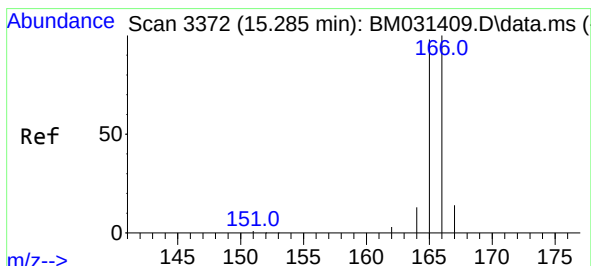
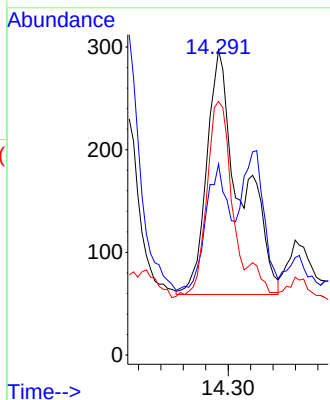
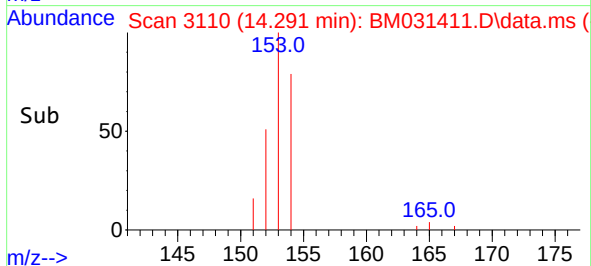




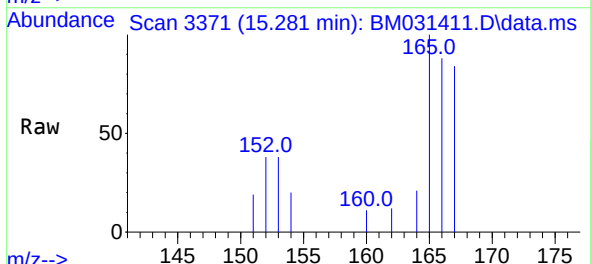
#11
Acenaphthene
Concen: 0.042 ng/ul m
RT: 14.291 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BM031411.D
Acq: 03 Aug 2021 14:48



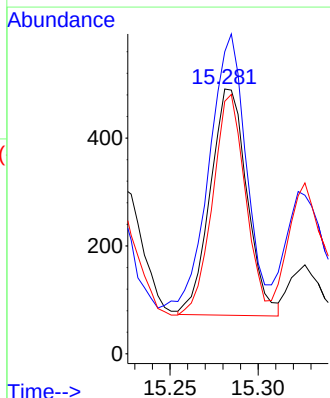
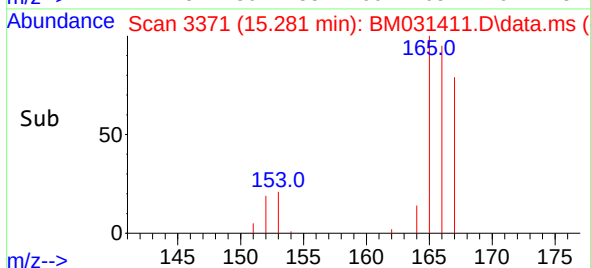
Tgt Ion:153 Resp: 500
Ion Ratio Lower Upper
153 100
152 62.6 40.7 61.1#
154 83.2 70.2 105.2



#12
Fluorene
Concen: 0.045 ng/ul
RT: 15.281 min Scan# 3371
Delta R.T. -0.004 min
Lab File: BM031411.D
Acq: 03 Aug 2021 14:48



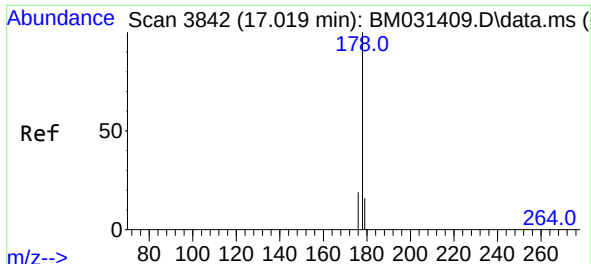
Tgt Ion:166 Resp: 610
Ion Ratio Lower Upper
166 100
165 114.1 78.0 117.0
167 95.3 12.0 18.0#



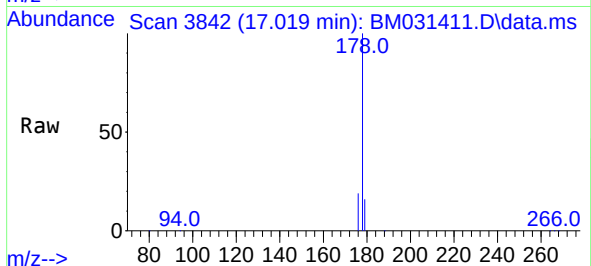
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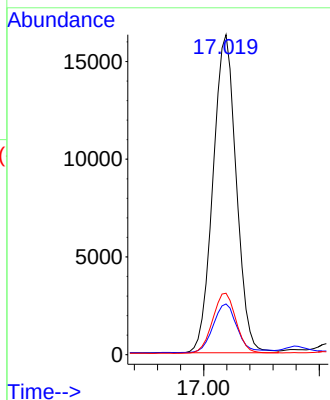
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#15
Phenanthrene
Concen: 1.139 ng/ul
RT: 17.019 min Scan# 3842
Delta R.T. -0.000 min
Lab File: BM031411.D
Acq: 03 Aug 2021 14:48



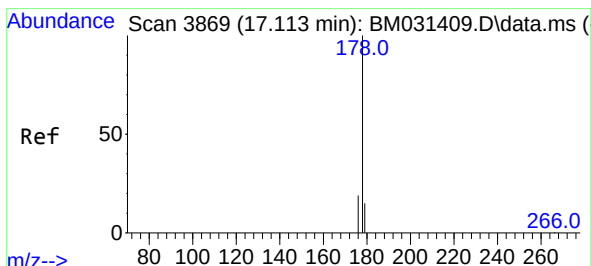
Tgt Ion:178 Resp: 22831
Ion Ratio Lower Upper
178 100
179 15.9 13.3 19.9
176 19.2 16.2 24.4



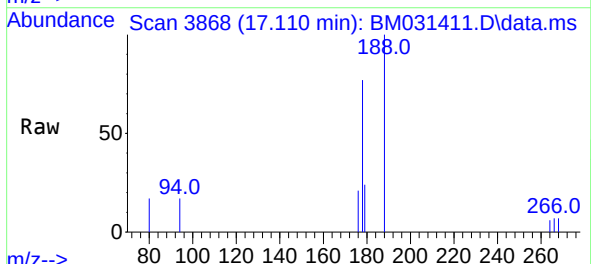
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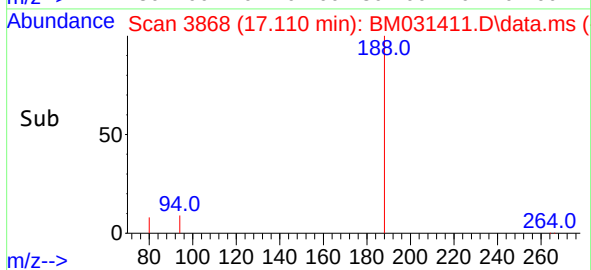
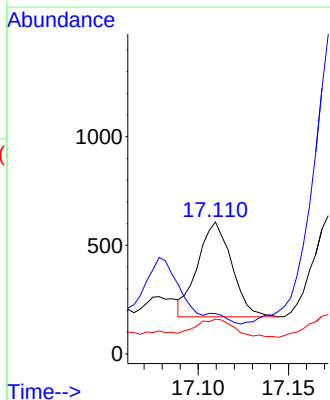
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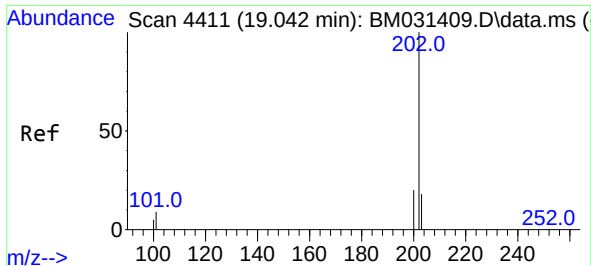


#16
Anthracene
Concen: 0.030 ng/ul
RT: 17.110 min Scan# 3868
Delta R.T. -0.004 min
Lab File: BM031411.D
Acq: 03 Aug 2021 14:48

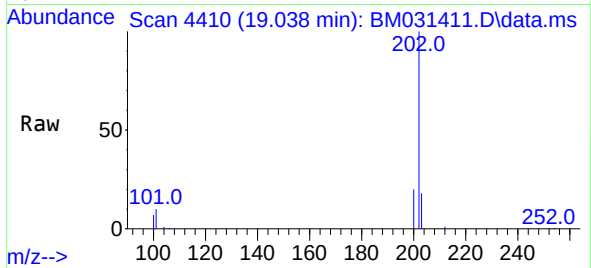


Tgt Ion:178 Resp: 572
Ion Ratio Lower Upper
178 100
179 30.6 13.0 19.6#
176 26.5 15.6 23.4#

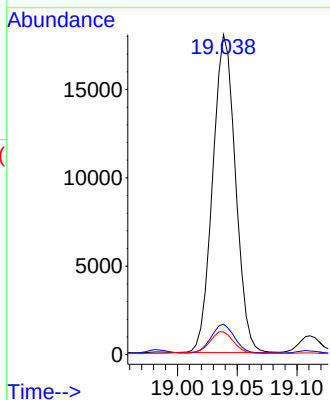




#19
Fluoranthene
Concen: 1.105 ng/ul
RT: 19.038 min Scan# 4410
Delta R.T. -0.004 min
Lab File: BM031411.D
Acq: 03 Aug 2021 14:48



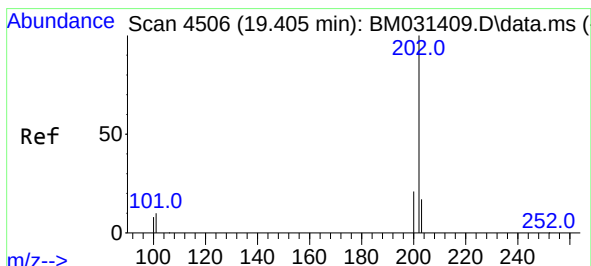
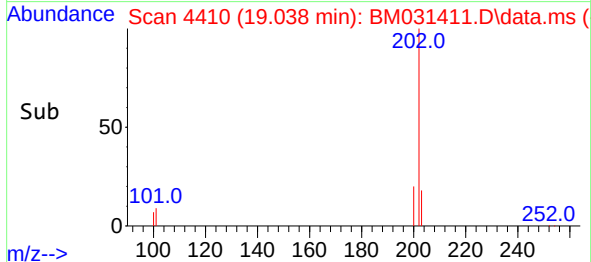
Tgt Ion:202 Resp: 23904
Ion Ratio Lower Upper
202 100
101 9.6 6.6 10.0
100 7.1 5.4 8.0



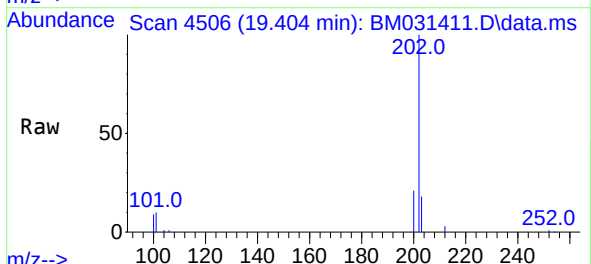
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ClientSampled :
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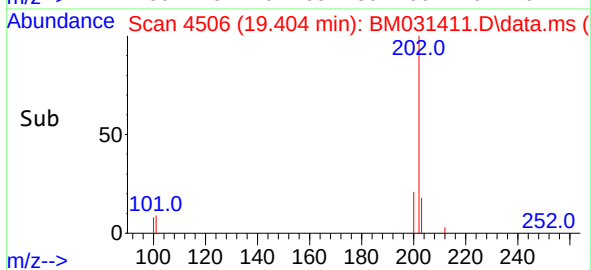
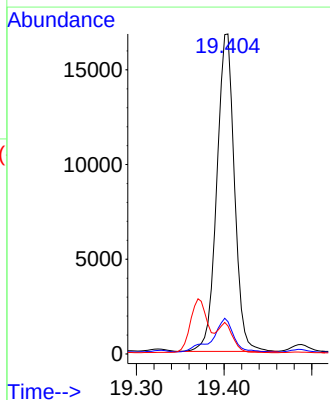
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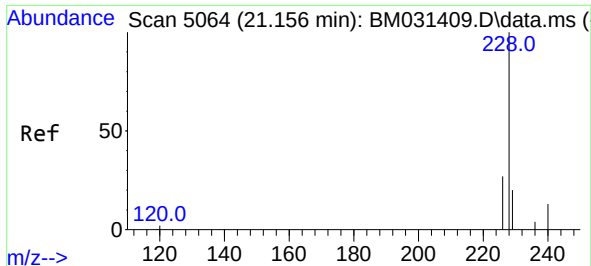


#20
Pyrene
Concen: 1.071 ng/ul
RT: 19.404 min Scan# 4506
Delta R.T. -0.000 min
Lab File: BM031411.D
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Tgt Ion:202 Resp: 23502
Ion Ratio Lower Upper
202 100
101 10.1 7.8 11.6
100 8.8 6.6 10.0





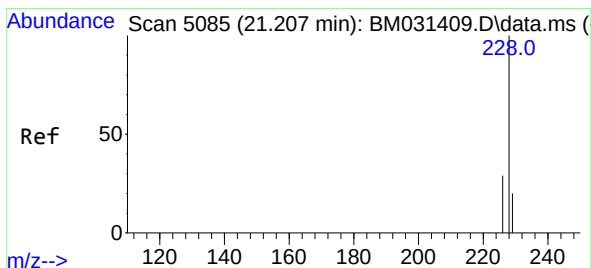
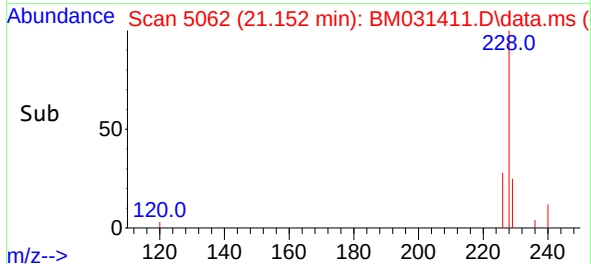
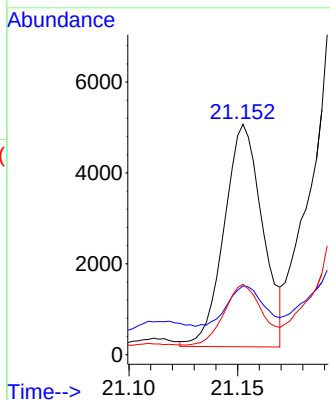
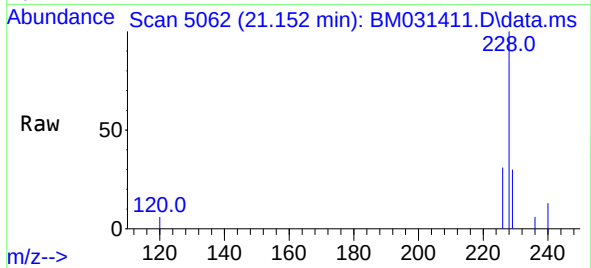
#21
Benzo(a)anthracene
Concen: 0.295 ng/ul m
RT: 21.152 min Scan# 5062
Delta R.T. -0.004 min
Lab File: BM031411.D
Acq: 03 Aug 2021 14:48

Tgt Ion:228 Resp: 6035
Ion Ratio Lower Upper
228 100
229 29.9 15.6 23.4#
226 30.6 21.7 32.5

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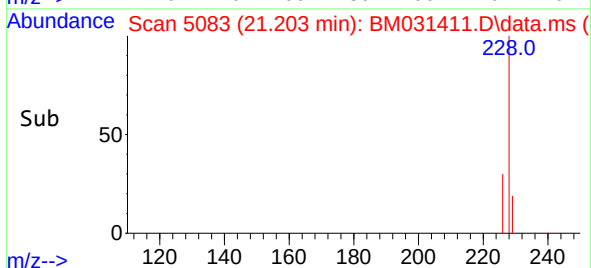
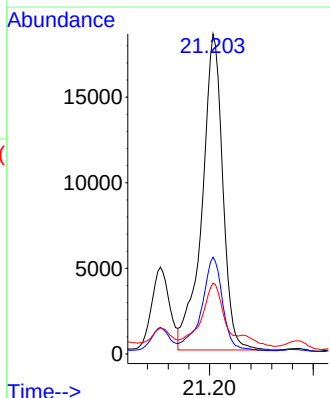
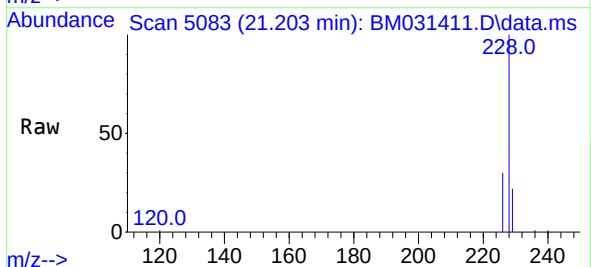
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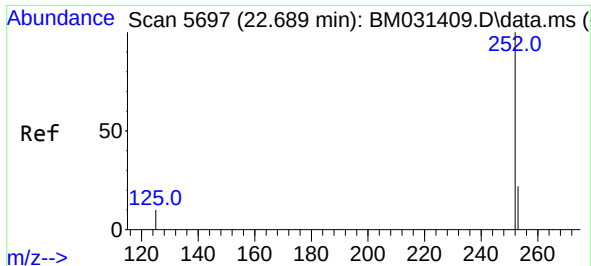
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#22
Chrysene
Concen: 1.209 ng/ul
RT: 21.203 min Scan# 5083
Delta R.T. -0.004 min
Lab File: BM031411.D
Acq: 03 Aug 2021 14:48

Tgt Ion:228 Resp: 25584
Ion Ratio Lower Upper
228 100
226 30.2 24.7 37.1
229 22.2 16.2 24.2





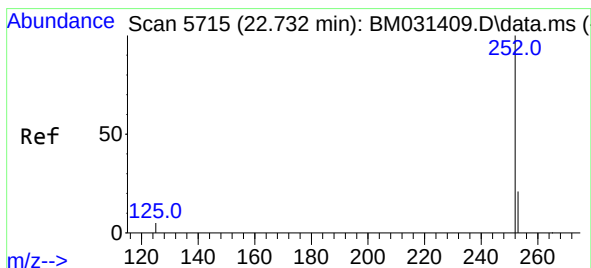
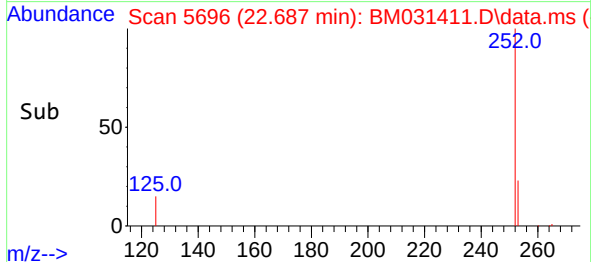
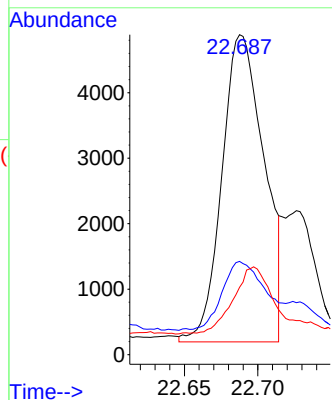
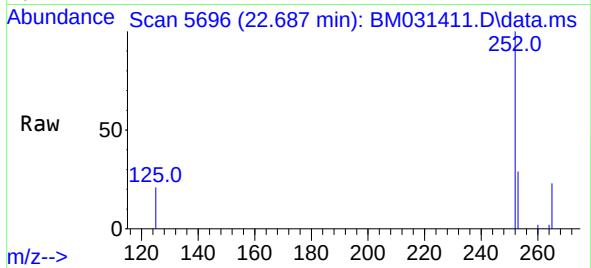
#24
Benzo(b)fluoranthene
Concen: 0.424 ng/ul m
RT: 22.687 min Scan# 5696
Delta R.T. -0.001 min
Lab File: BM031411.D
Acq: 03 Aug 2021 14:48

Tgt Ion:	252	Resp:	9374
Ion Ratio	Lower	Upper	
252	100		
253	29.1	0.0	53.0
125	21.1	0.0	22.8

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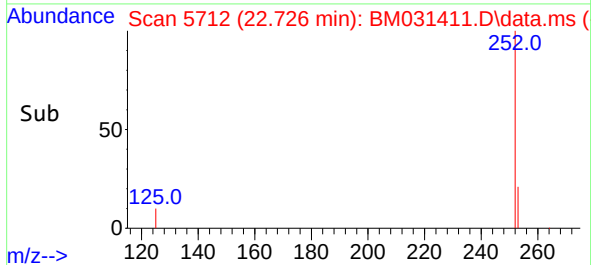
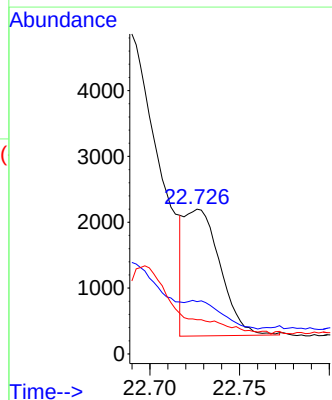
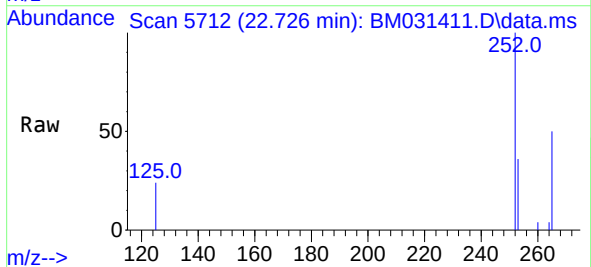
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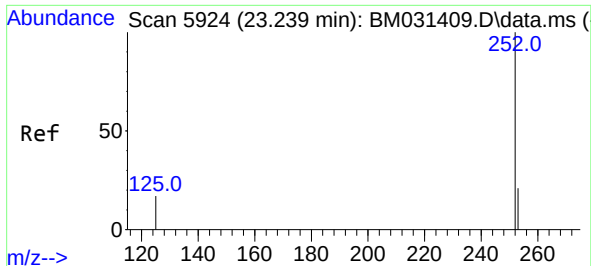
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#25
Benzo(k)fluoranthene
Concen: 0.118 ng/ul m
RT: 22.726 min Scan# 5712
Delta R.T. -0.006 min
Lab File: BM031411.D
Acq: 03 Aug 2021 14:48

Tgt Ion:	252	Resp:	2692
Ion Ratio	Lower	Upper	
252	100		
253	36.1	21.3	31.9#
125	23.6	8.8	13.2#





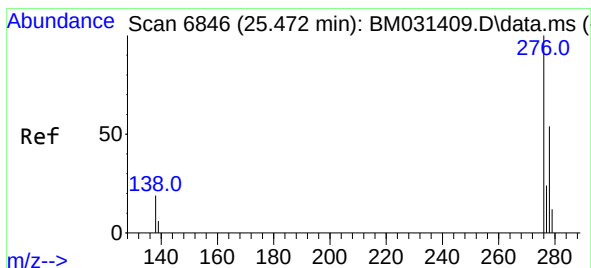
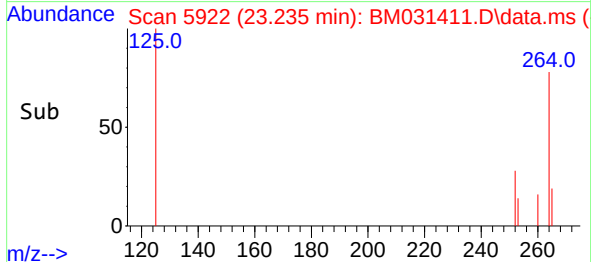
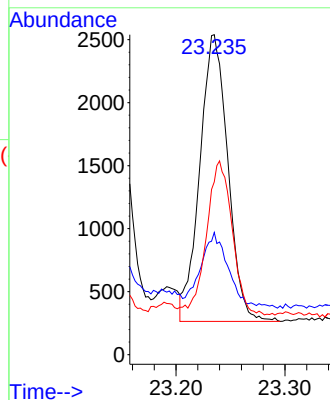
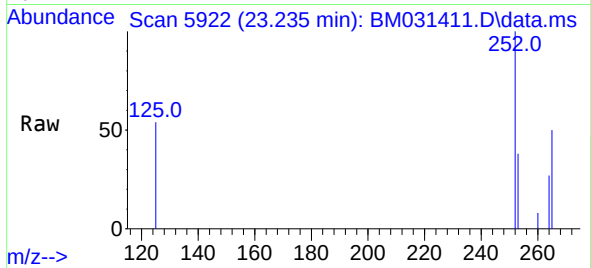
#26
Benzo(a)pyrene
Concen: 0.210 ng/ul
RT: 23.235 min Scan# 5922
Delta R.T. -0.004 min
Lab File: BM031411.D
Acq: 03 Aug 2021 14:48

Tgt Ion:	252	Resp:	4074
Ion Ratio	Lower	Upper	
252	100		
253	38.2	22.4	33.6#
125	54.0	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C0082

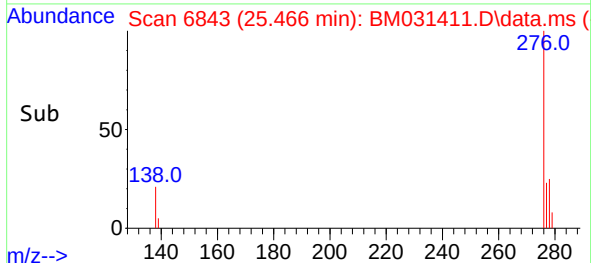
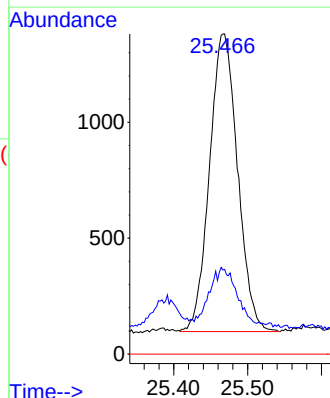
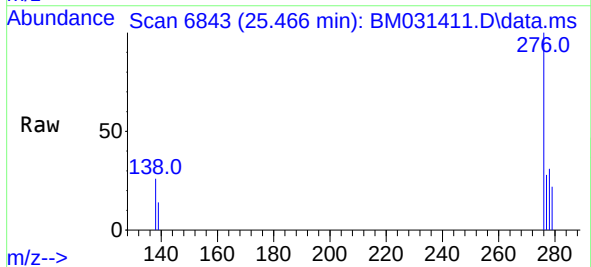
Manual Integrations
APPROVED

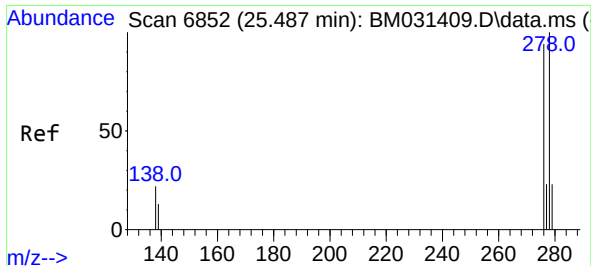
mohammad
8/4/2021 3:47:42 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.136 ng/ul
RT: 25.466 min Scan# 6843
Delta R.T. -0.006 min
Lab File: BM031411.D
Acq: 03 Aug 2021 14:48

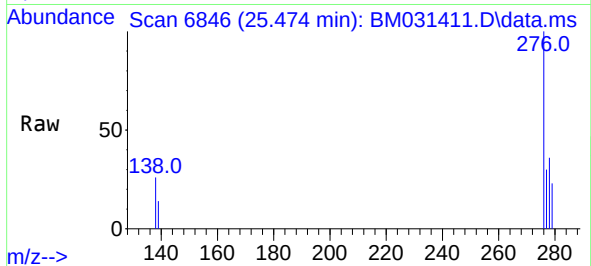
Tgt Ion:	276	Resp:	3394
Ion Ratio	Lower	Upper	
276	100		
138	18.7	15.8	23.8
227	0.0	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.060 ng/ul
RT: 25.474 min Scan# 6846
Delta R.T. -0.013 min
Lab File: BM031411.D
Acq: 03 Aug 2021 14:48

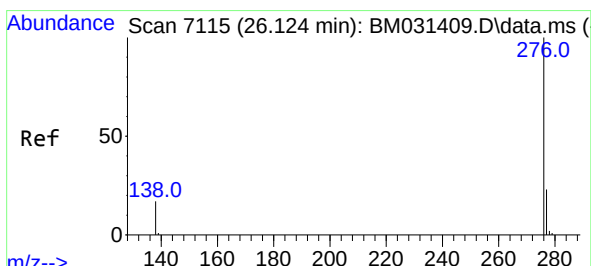
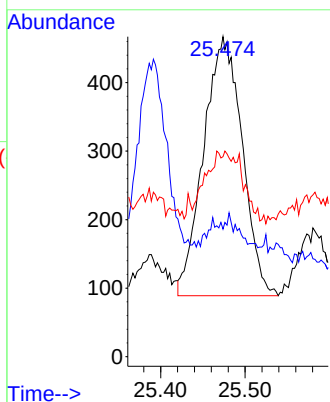
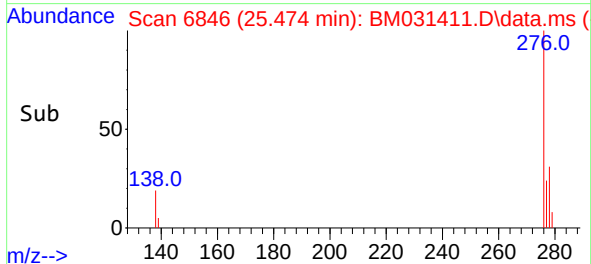
Instrument :
BNA_M
ClientSampled :
C0082



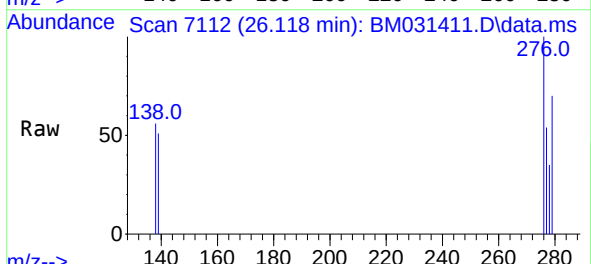
Tgt Ion:278 Resp: 1202
Ion Ratio Lower Upper
278 100
139 39.8 13.3 19.9#
279 62.5 22.8 34.2#

Manual Integrations
APPROVED

mohammad
8/4/2021 3:47:42 PM



#29
Benzo(g,h,i)perylene
Concen: 0.021 ng/ul
RT: 26.118 min Scan# 7112
Delta R.T. -0.006 min
Lab File: BM031411.D
Acq: 03 Aug 2021 14:48



Tgt Ion:276 Resp: 458
Ion Ratio Lower Upper
276 100
138 55.6 15.4 23.2#
277 53.9 19.9 29.9#

