

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
 Data File : BM031646.D
 Acq On : 10 Aug 2021 18:01
 Operator : CG/JU
 Sample : M3169-08DL 5X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00A7DL

Manual Integrations
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Quant Time: Aug 10 18:39:30 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 10 18:36:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.577	152	1555	0.400	ng/ul	0.00
4) Naphthalene-d8	10.339	136	5731	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.209	164	3507	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	6345	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.157	240	5054	0.400	ng/ul	# 0.00
23) Perylene-d12	23.314	264	5056	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	1593	0.922	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	698	0.072	ng/ul	0.00
18) Fluoranthene-d10	18.994	212	1431	0.085	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.388	128	8687	0.509	ng/ul	100
7) 2-Methylnaphthalene	12.007	142	9081	0.779	ng/ul	100
8) 1-Methylnaphthalene	12.228	142	6803	0.590	ng/ul	99
10) Acenaphthylene	13.932	152	5808	0.389	ng/ul	97
11) Acenaphthene	14.273	153	1172m	0.093	ng/ul	
12) Fluorene	15.267	166	1814	0.125	ng/ul#	78
15) Phenanthrene	17.003	178	49220	2.443	ng/ul	98
16) Anthracene	17.093	178	7279	0.386	ng/ul	98
19) Fluoranthene	19.024	202	65382	3.030	ng/ul	96
20) Pyrene	19.390	202	57315	2.618	ng/ul	97
21) Benzo(a)anthracene	21.140	228	29471	1.444	ng/ul#	87
22) Chrysene	21.193	228	45913	2.174	ng/ul#	94
24) Benzo(b)fluoranthene	22.675	252	46508m	2.042	ng/ul	
25) Benzo(k)fluoranthene	22.714	252	15544m	0.660	ng/ul	
26) Benzo(a)pyrene	23.220	252	27482	1.378	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.449	276	18755	0.727	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.456	278	5945	0.286	ng/ul#	60
29) Benzo(g,h,i)perylene	26.098	276	18028	0.819	ng/ul	95

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

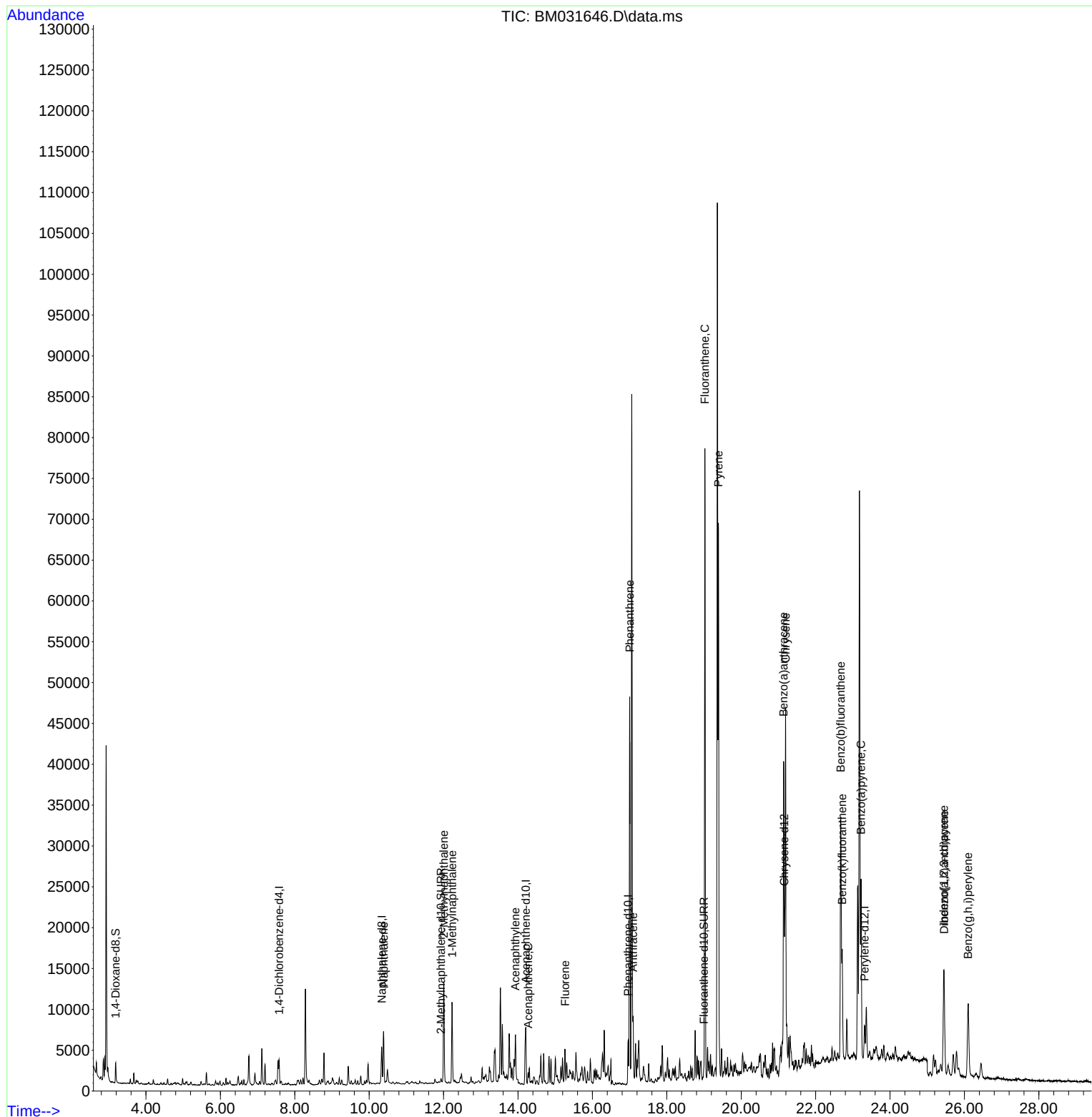
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Data File : BM031646.D
Acq On : 10 Aug 2021 18:01
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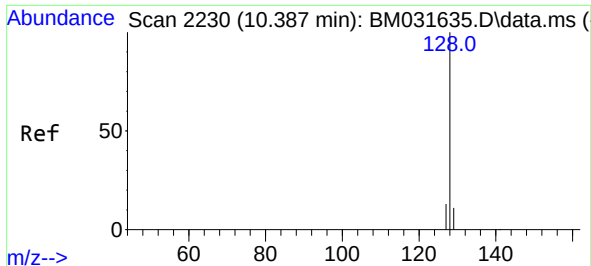
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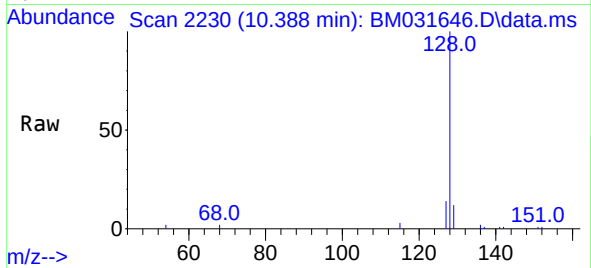
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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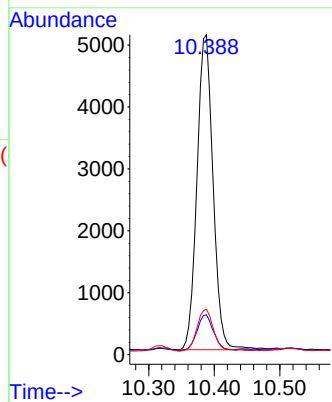
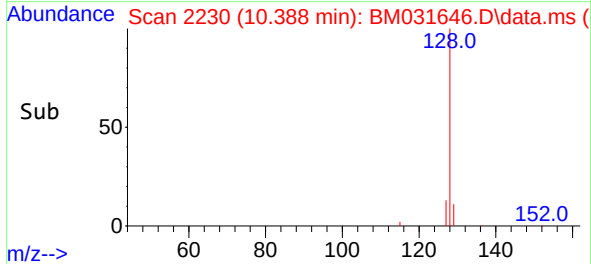


#5
Naphthalene
Concen: 0.509 ng/ul
RT: 10.388 min Scan# 2230
Delta R.T. 0.001 min
Lab File: BM031646.D
Acq: 10 Aug 2021 18:01



Tgt Ion:128 Resp: 8687

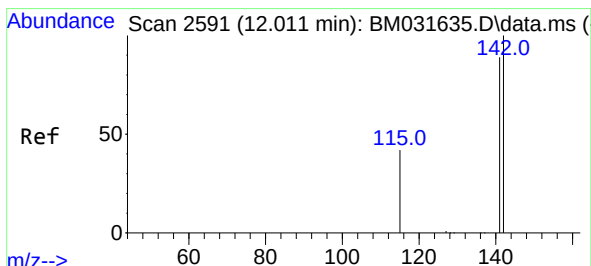
Ion	Ratio	Lower	Upper
128	100		
129	12.5	10.0	15.0
127	14.2	11.6	17.4



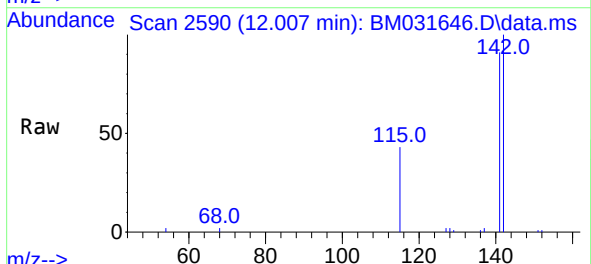
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BNA_M
ClientSampleId :
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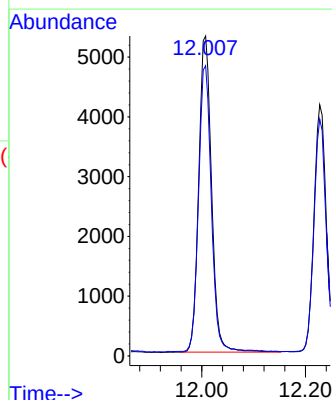
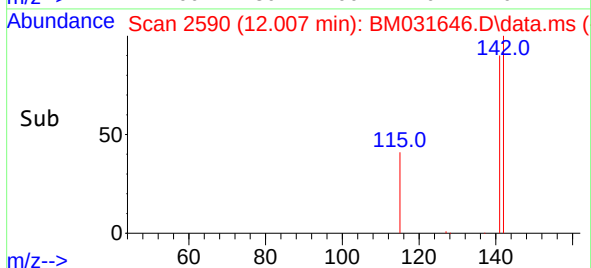


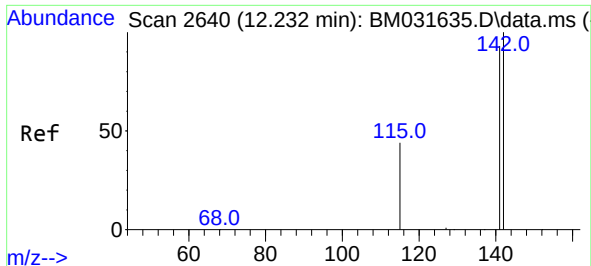
#7
2-Methylnaphthalene
Concen: 0.779 ng/ul
RT: 12.007 min Scan# 2590
Delta R.T. -0.004 min
Lab File: BM031646.D
Acq: 10 Aug 2021 18:01



Tgt Ion:142 Resp: 9081

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.0





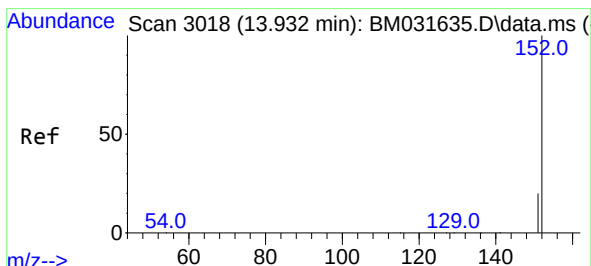
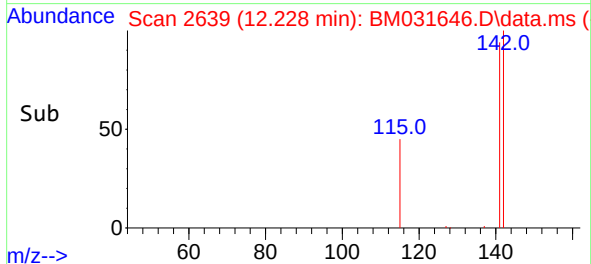
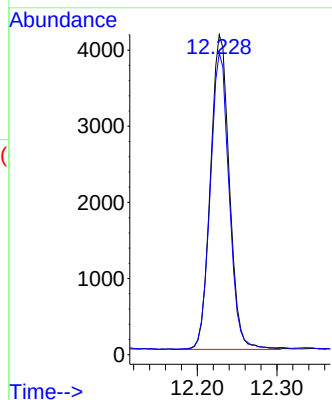
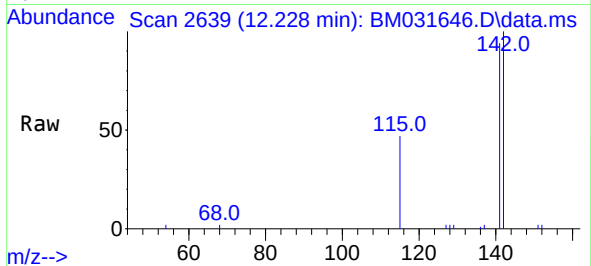
#8
1-Methylnaphthalene
Concen: 0.590 ng/ul
RT: 12.228 min Scan# 2639
Delta R.T. -0.004 min
Lab File: BM031646.D
Acq: 10 Aug 2021 18:01

Tgt Ion:142 Resp: 6803
Ion Ratio Lower Upper
142 100
141 93.9 74.1 111.1

Instrument :
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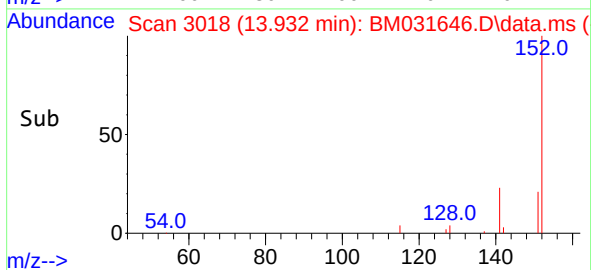
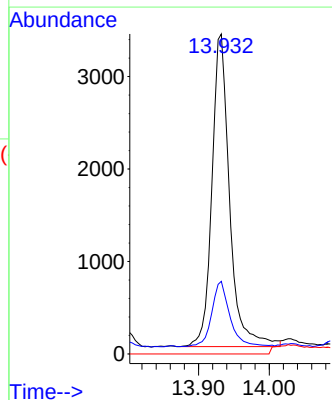
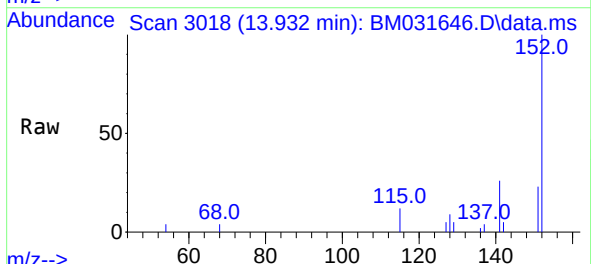
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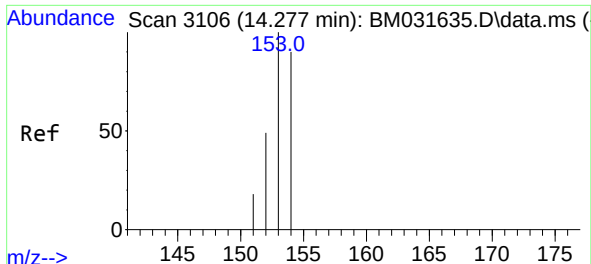
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#10
Acenaphthylene
Concen: 0.389 ng/ul
RT: 13.932 min Scan# 3018
Delta R.T. 0.001 min
Lab File: BM031646.D
Acq: 10 Aug 2021 18:01

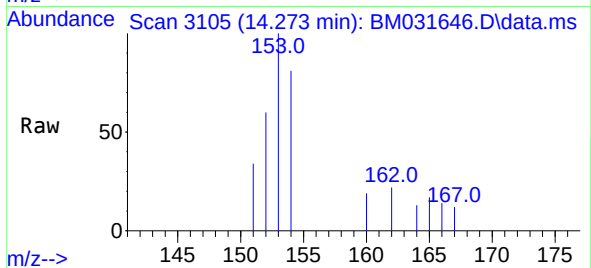
Tgt Ion:152 Resp: 5808
Ion Ratio Lower Upper
152 100
151 22.7 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.093 ng/ul m
RT: 14.273 min Scan# 3105
Delta R.T. -0.003 min
Lab File: BM031646.D
Acq: 10 Aug 2021 18:01

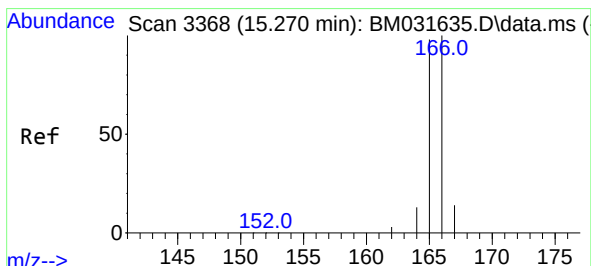
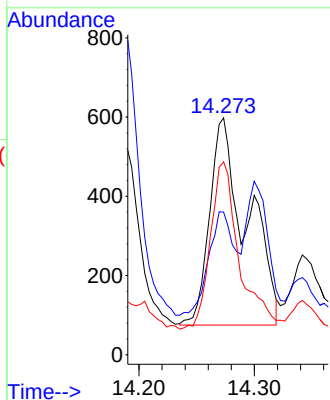
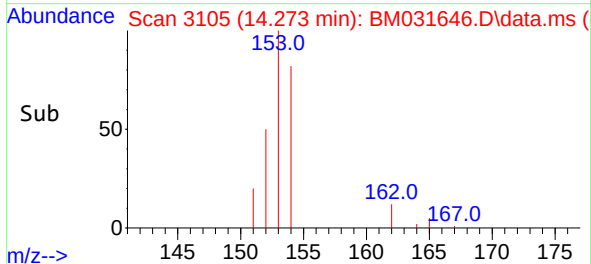
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BNA_M
ClientSampleId :
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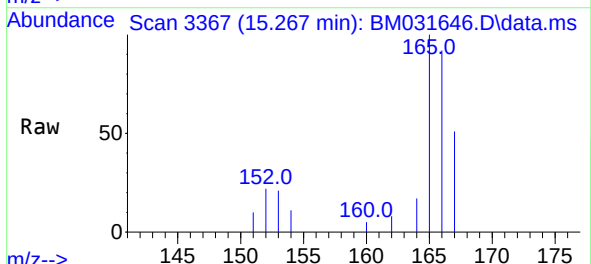
Tgt Ion:153 Resp: 1172
Ion Ratio Lower Upper
153 100
152 60.2 40.7 61.1
154 81.4 70.2 105.2

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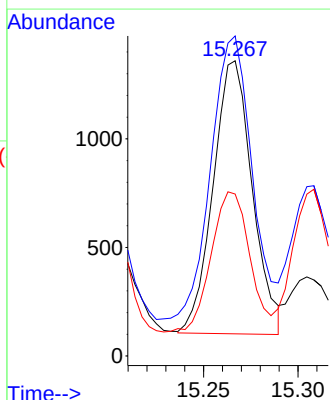
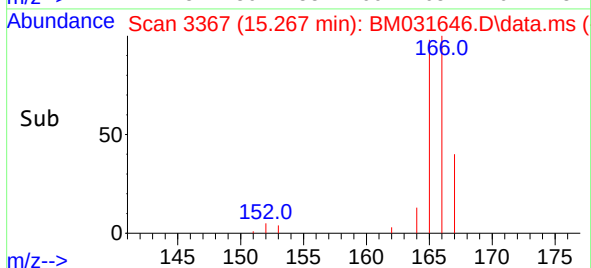
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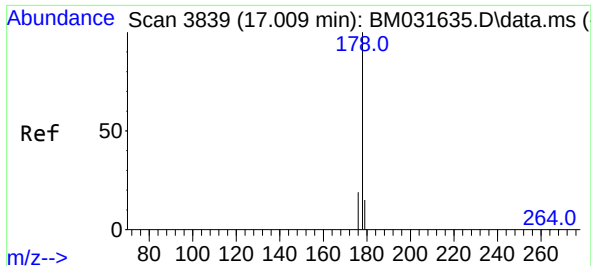


#12
Fluorene
Concen: 0.125 ng/ul
RT: 15.267 min Scan# 3367
Delta R.T. -0.003 min
Lab File: BM031646.D
Acq: 10 Aug 2021 18:01

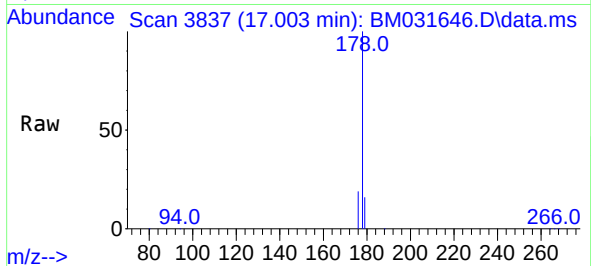


Tgt Ion:166 Resp: 1814
Ion Ratio Lower Upper
166 100
165 108.4 78.0 117.0
167 54.9 12.0 18.0#

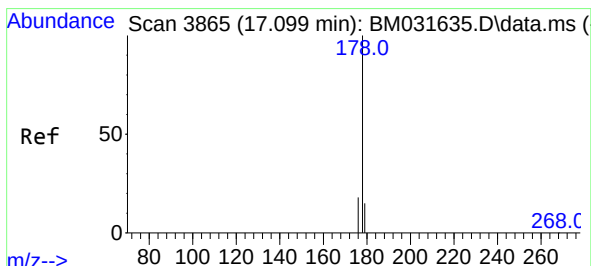
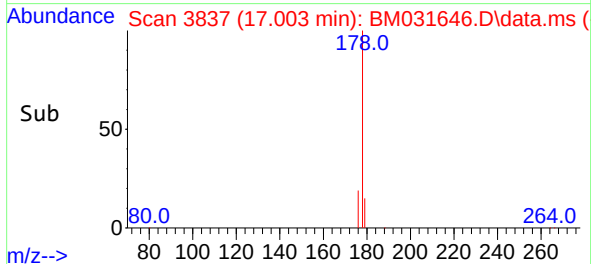
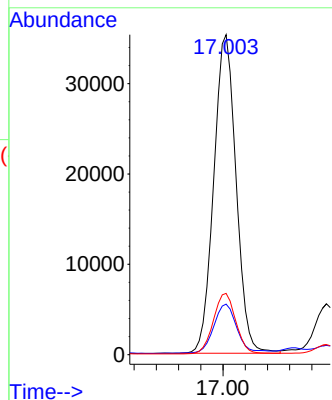




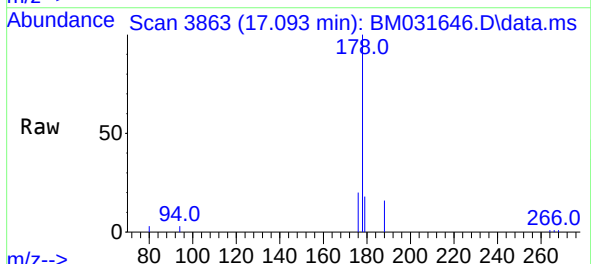
#15
Phenanthrene
Concen: 2.443 ng/u1
RT: 17.003 min Scan# 3837
Delta R.T. -0.006 min
Lab File: BM031646.D
Acq: 10 Aug 2021 18:01



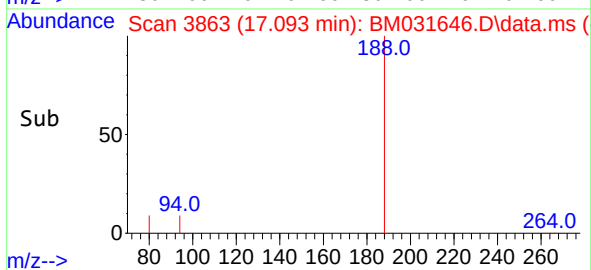
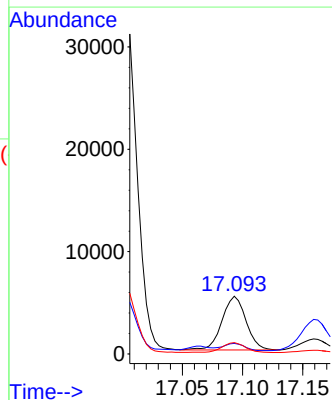
Tgt Ion:178 Resp: 49220
Ion Ratio Lower Upper
178 100
179 15.8 13.3 19.9
176 19.1 16.2 24.4



#16
Anthracene
Concen: 0.386 ng/u1
RT: 17.093 min Scan# 3863
Delta R.T. -0.006 min
Lab File: BM031646.D
Acq: 10 Aug 2021 18:01



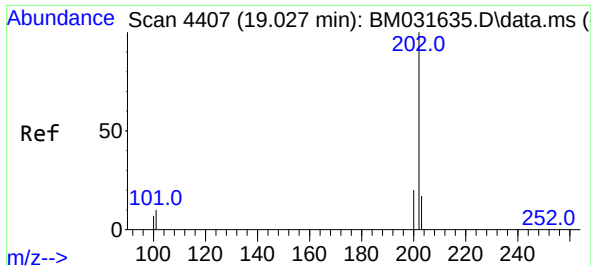
Tgt Ion:178 Resp: 7279
Ion Ratio Lower Upper
178 100
179 18.2 13.0 19.6
176 19.6 15.6 23.4



Instrument :
BNA_M
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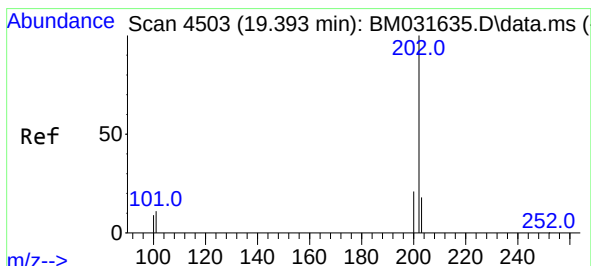
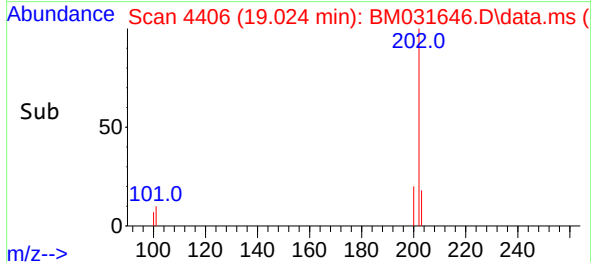
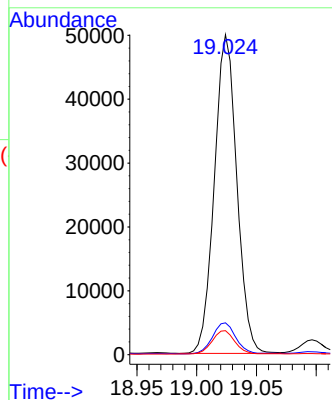
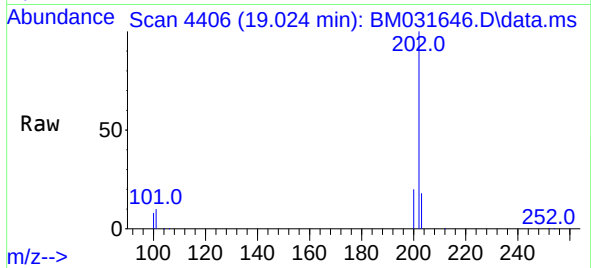
#19
Fluoranthene
Concen: 3.030 ng/u1
RT: 19.024 min Scan# 4406
Delta R.T. -0.003 min
Lab File: BM031646.D
Acq: 10 Aug 2021 18:01

Tgt Ion:202 Resp: 65382
Ion Ratio Lower Upper
202 100
101 10.0 6.6 10.0
100 7.5 5.4 8.0

Instrument :
BNA_M
ClientSampleId :
C00A7DL

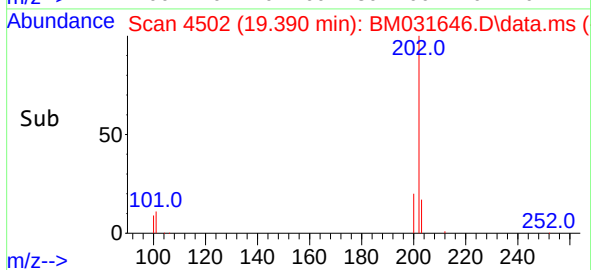
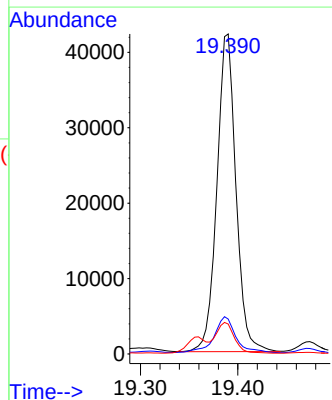
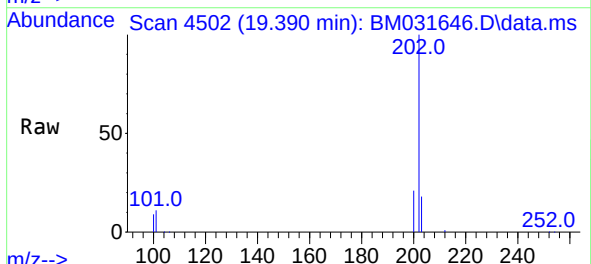
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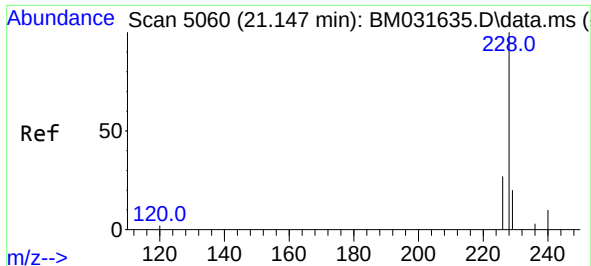
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#20
Pyrene
Concen: 2.618 ng/u1
RT: 19.390 min Scan# 4502
Delta R.T. -0.003 min
Lab File: BM031646.D
Acq: 10 Aug 2021 18:01

Tgt Ion:202 Resp: 57315
Ion Ratio Lower Upper
202 100
101 10.9 7.8 11.6
100 9.3 6.6 10.0





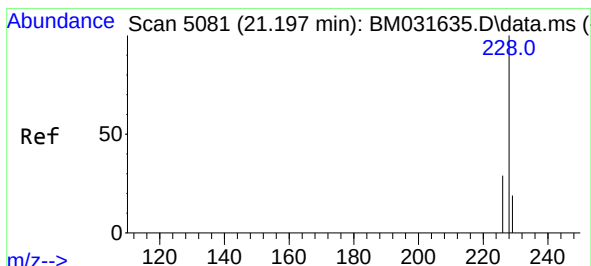
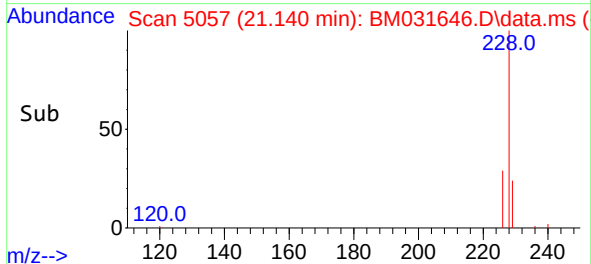
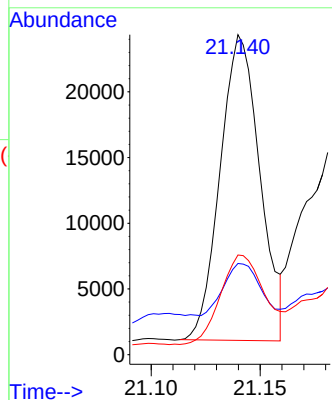
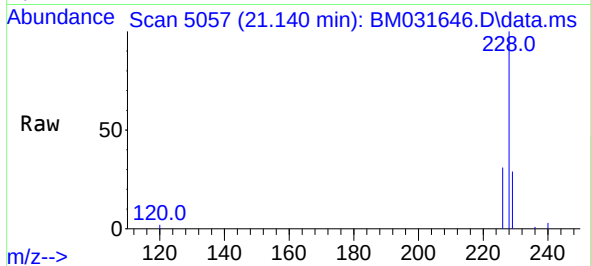
#21
Benzo(a)anthracene
Concen: 1.444 ng/ul
RT: 21.140 min Scan# 5057
Delta R.T. -0.007 min
Lab File: BM031646.D
Acq: 10 Aug 2021 18:01

Tgt Ion:	228	Resp:	29471
Ion Ratio	Lower	Upper	
228	100		
229	28.5	15.6	23.4#
226	31.1	21.7	32.5

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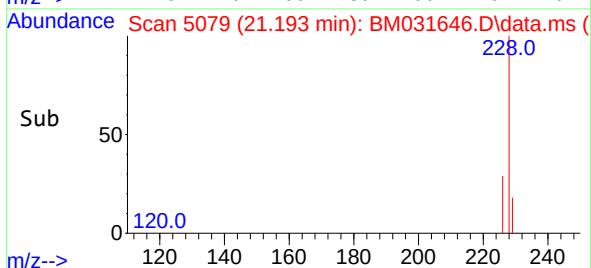
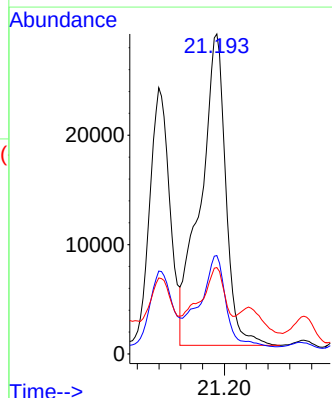
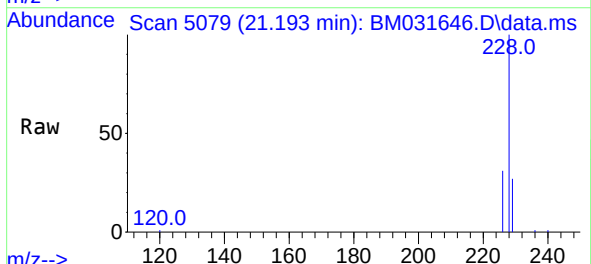
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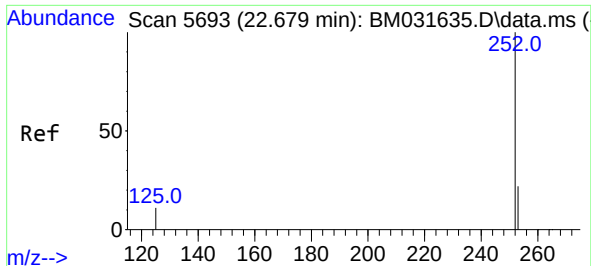
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#22
Chrysene
Concen: 2.174 ng/ul
RT: 21.193 min Scan# 5079
Delta R.T. -0.004 min
Lab File: BM031646.D
Acq: 10 Aug 2021 18:01

Tgt Ion:	228	Resp:	45913
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.7	37.1
229	27.0	16.2	24.2#





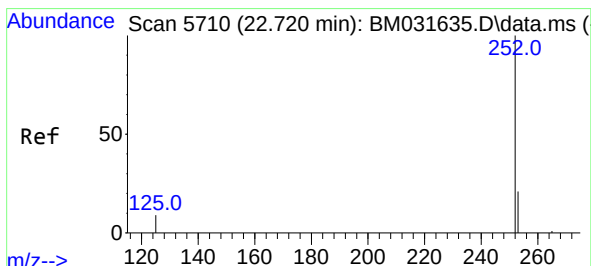
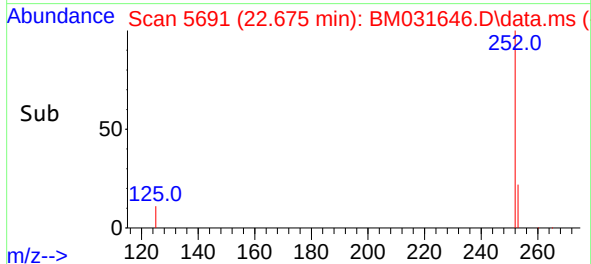
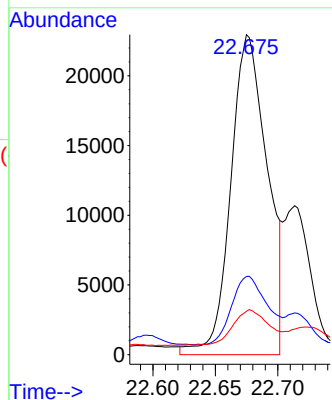
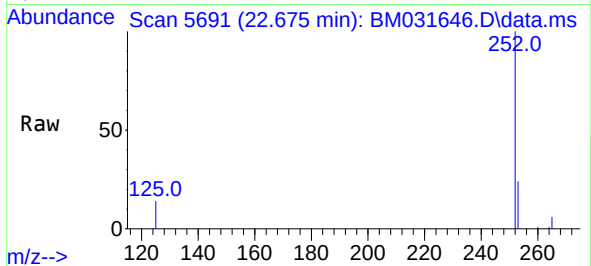
#24
Benzo(b)fluoranthene
Concen: 2.042 ng/ul m
RT: 22.675 min Scan# 5691
Delta R.T. -0.004 min
Lab File: BM031646.D
Acq: 10 Aug 2021 18:01

Tgt Ion:	252	Resp:	46508
Ion Ratio	Lower	Upper	
252	100		
253	24.4	0.0	53.0
125	13.5	0.0	22.8

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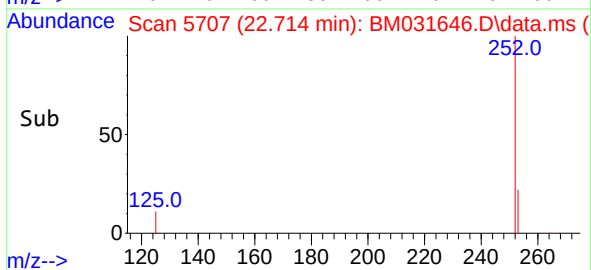
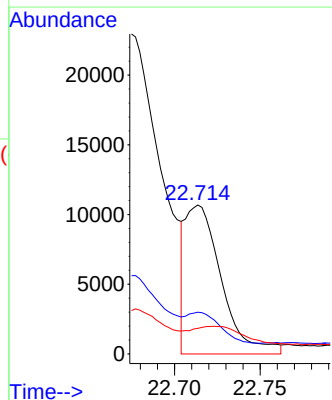
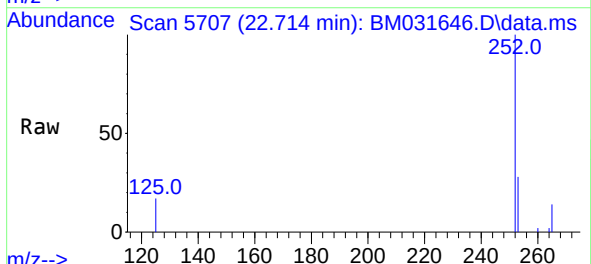
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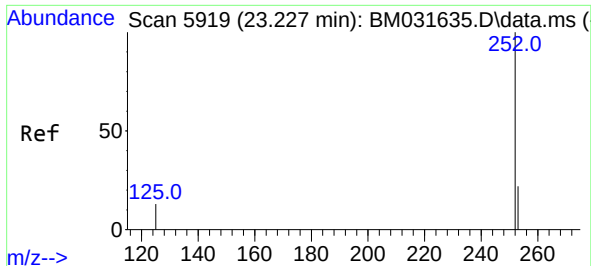
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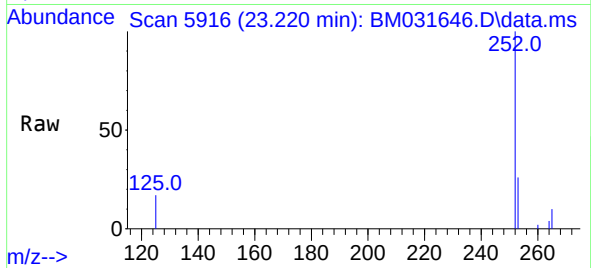
#25
Benzo(k)fluoranthene
Concen: 0.660 ng/ul m
RT: 22.714 min Scan# 5707
Delta R.T. -0.007 min
Lab File: BM031646.D
Acq: 10 Aug 2021 18:01

Tgt Ion:	252	Resp:	15544
Ion Ratio	Lower	Upper	
252	100		
253	28.0	21.3	31.9
125	17.1	8.8	13.2#

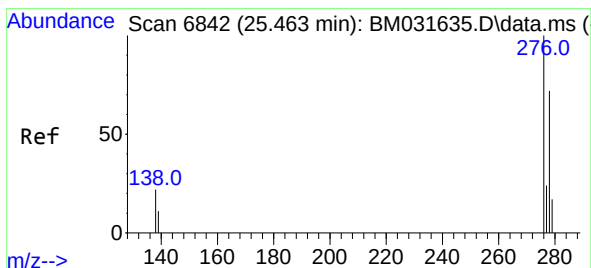
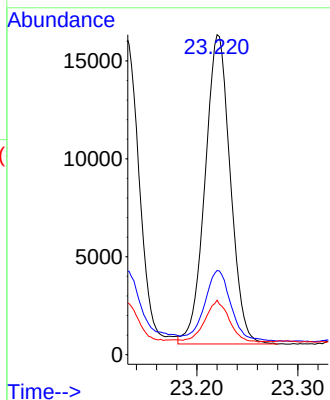
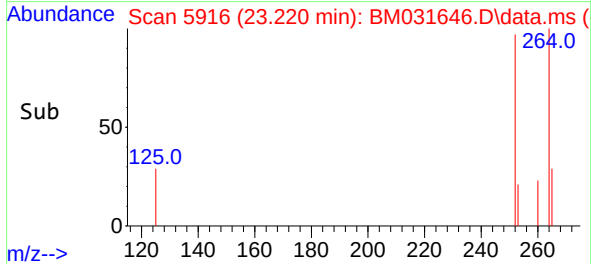




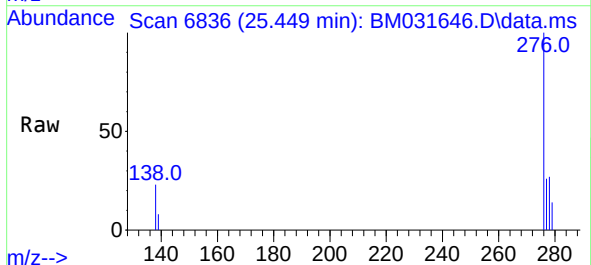
#26
Benzo(a)pyrene
Concen: 1.378 ng/ul
RT: 23.220 min Scan# 5916
Delta R.T. -0.007 min
Lab File: BM031646.D
Acq: 10 Aug 2021 18:01



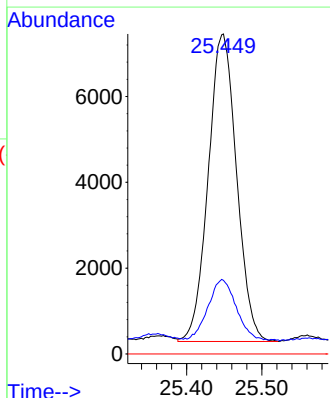
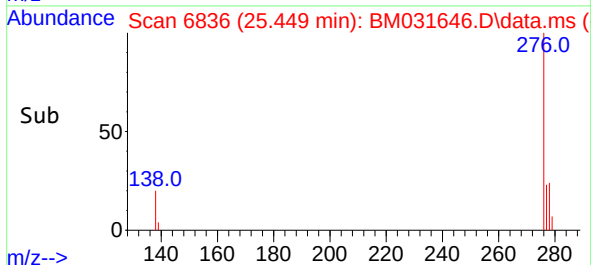
Tgt Ion:252 Resp: 27482
Ion Ratio Lower Upper
252 100
253 26.3 22.4 33.6
125 17.0 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.727 ng/ul
RT: 25.449 min Scan# 6836
Delta R.T. -0.014 min
Lab File: BM031646.D
Acq: 10 Aug 2021 18:01



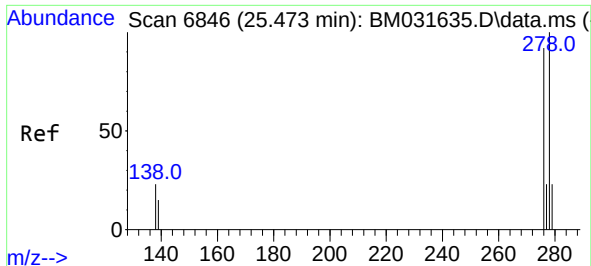
Tgt Ion:276 Resp: 18755
Ion Ratio Lower Upper
276 100
138 19.5 15.8 23.8
227 0.0 0.0 0.0



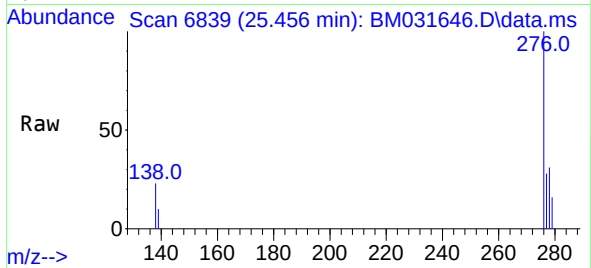
Instrument :
BNA_M
ClientSampleId :
C00A7DL

Manual Integrations
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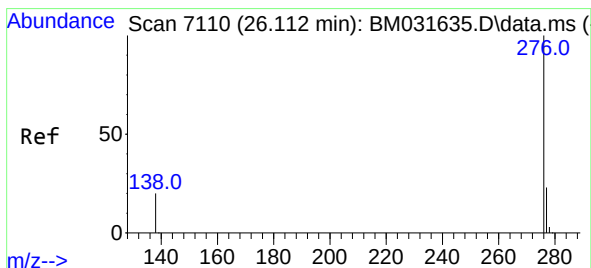
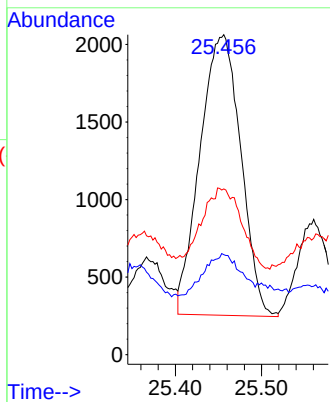
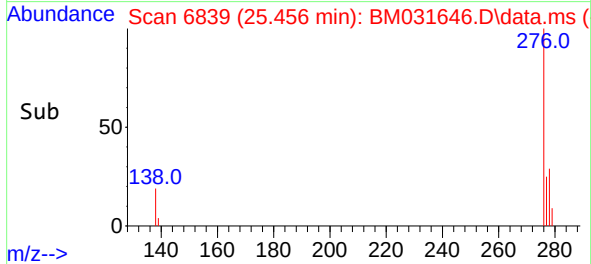
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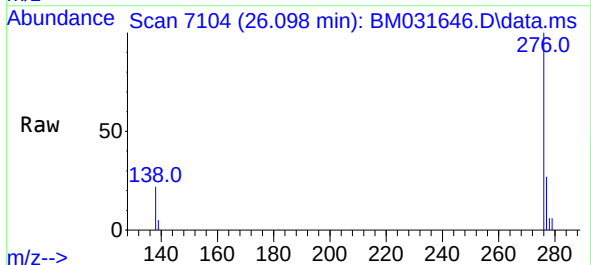
#28
Dibenzo(a,h)anthracene
Concen: 0.286 ng/ul
RT: 25.456 min Scan# 6839
Delta R.T. -0.016 min
Lab File: BM031646.D
Acq: 10 Aug 2021 18:01



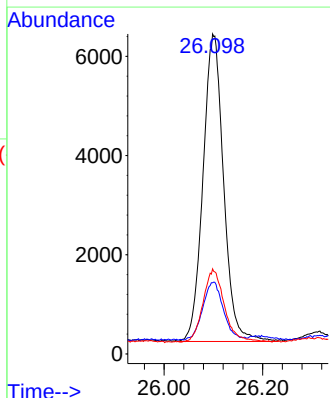
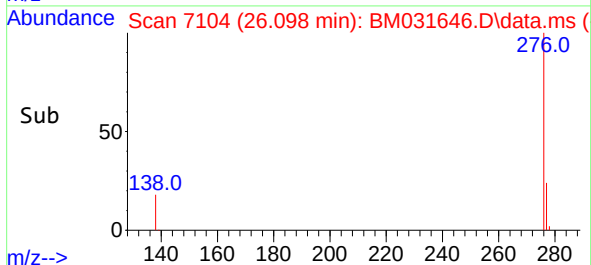
Tgt Ion:278 Resp: 5945
Ion Ratio Lower Upper
278 100
139 31.3 13.3 19.9#
279 51.8 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.819 ng/ul
RT: 26.098 min Scan# 7104
Delta R.T. -0.014 min
Lab File: BM031646.D
Acq: 10 Aug 2021 18:01



Tgt Ion:276 Resp: 18028
Ion Ratio Lower Upper
276 100
138 22.2 15.4 23.2
277 26.6 19.9 29.9



Instrument :
BNA_M
ClientSampled :
C00A7DL

Manual Integrations
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