

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031386.D
 Acq On : 02 Aug 2021 21:38
 Operator : CG/JU
 Sample : M3123-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0070

Manual Integrations
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Quant Time: Aug 03 02:06:50 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 : Mon Aug 02 11:29:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.601	152	1374	0.40	ng/ul	0.00
4) Naphthalene-d8	10.361	136	5389	0.40	ng/ul	# 0.00
9) Acenaphthene-d10	14.231	164	3544	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.978	188	6138	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.168	240	4632	0.40	ng/ul	# 0.00
23) Perylene-d12	23.331	264	4271	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.192	96	1614	1.06	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	1089	0.12	ng/ul	0.00
18) Fluoranthene-d10	19.008	212	2150	0.14	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.410	128	5331	0.33	ng/ul	98
7) 2-Methylnaphthalene	12.029	142	25910	2.36	ng/ul	100
8) 1-Methylnaphthalene	12.250	142	13787	1.27	ng/ul	99
10) Acenaphthylene	13.954	152	418	0.03	ng/ul#	52
11) Acenaphthene	14.322	153	1349m	0.11	ng/ul	
12) Fluorene	15.285	166	2055	0.14	ng/ul#	62
15) Phenanthrene	17.020	178	44030	2.26	ng/ul	98
19) Fluoranthene	19.043	202	8051	0.41	ng/ul#	90
20) Pyrene	19.405	202	7302	0.36	ng/ul#	90
21) Benzo(a)anthracene	21.154	228	2340	0.13	ng/ul#	9
22) Chrysene	21.205	228	19741	1.02	ng/ul#	90
24) Benzo(b)fluoranthene	22.689	252	7479m	0.39	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	796m	0.04	ng/ul	
26) Benzo(a)pyrene	23.234	252	1398	0.08	ng/ul#	10
27) Indeno(1,2,3-cd)pyrene	25.473	276	1397	0.06	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.482	278	1122	0.06	ng/ul#	1

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

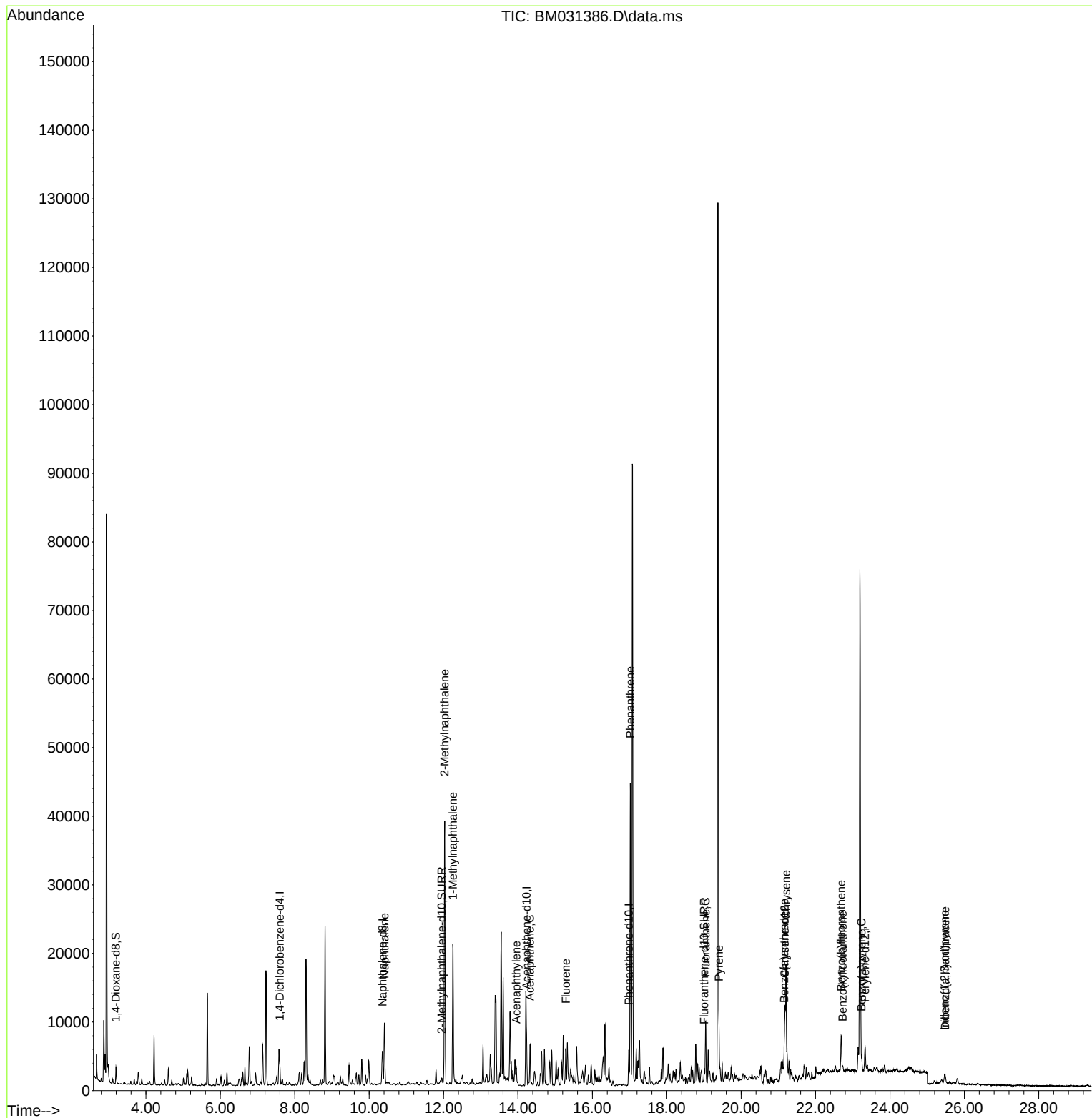
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
Data File : BM031386.D
Acq On : 02 Aug 2021 21:38
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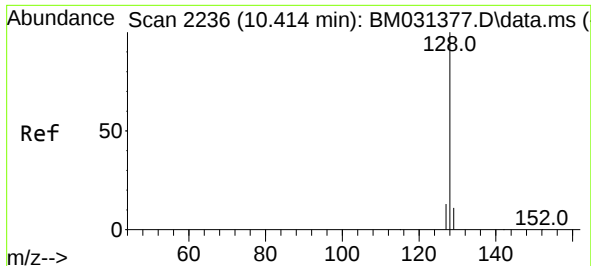
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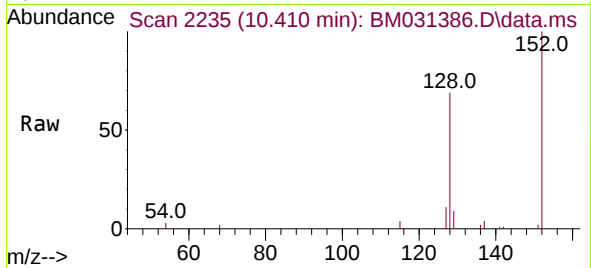
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Quant Time: Aug 03 02:06:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

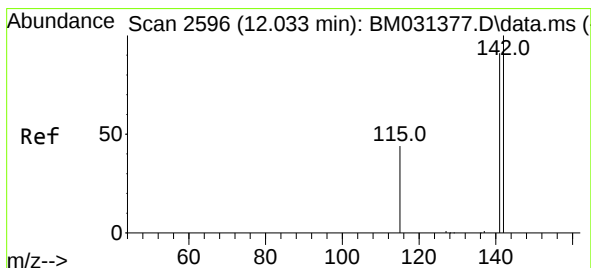
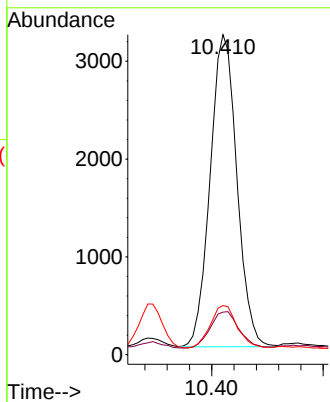
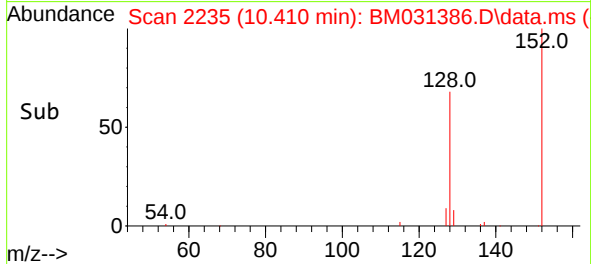




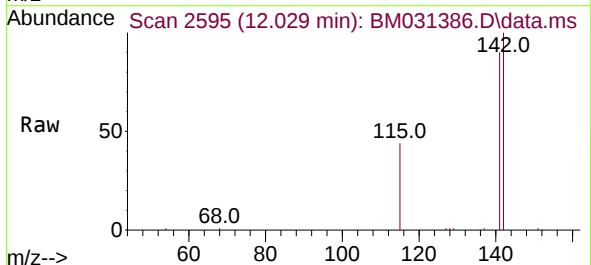
#5
Naphthalene
Concen: 0.33 ng/ul
RT: 10.410 min Scan# 2235
Delta R.T. 0.000 min
Lab File: BM031386.D
Acq: 02 Aug 2021 21:38



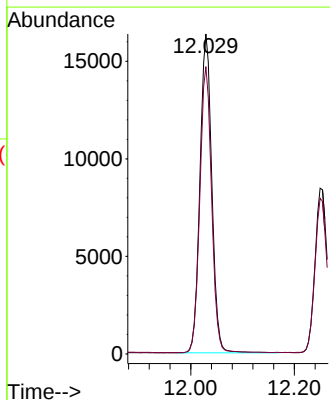
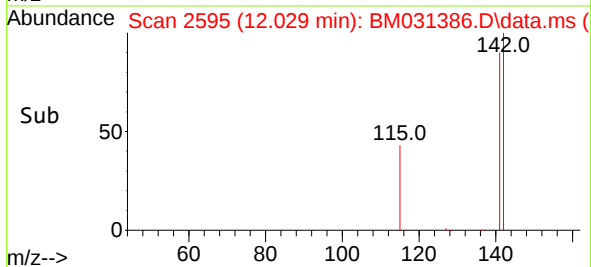
Tgt Ion:128 Resp: 5331
Ion Ratio Lower Upper
128 100
129 13.3 10.0 15.0
127 15.3 11.6 17.4



#7
2-Methylnaphthalene
Concen: 2.36 ng/ul
RT: 12.029 min Scan# 2595
Delta R.T. -0.004 min
Lab File: BM031386.D
Acq: 02 Aug 2021 21:38



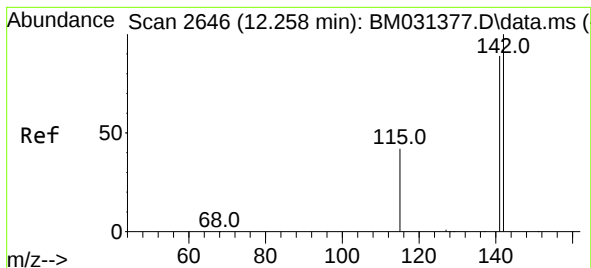
Tgt Ion:142 Resp: 25910
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.0



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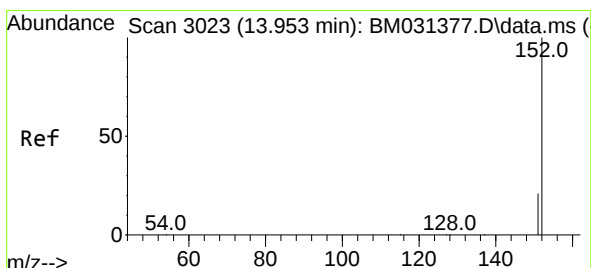
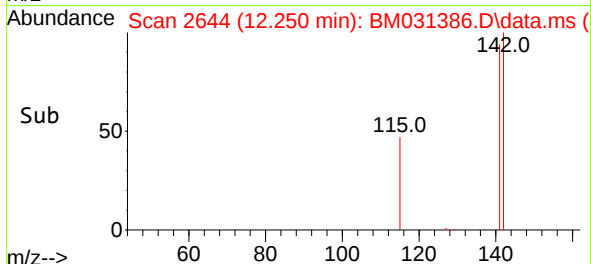
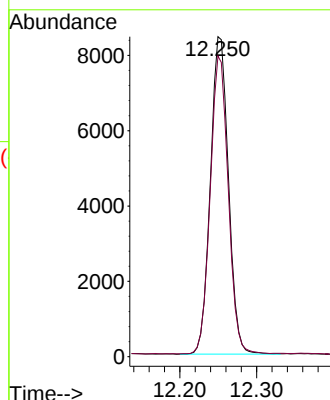
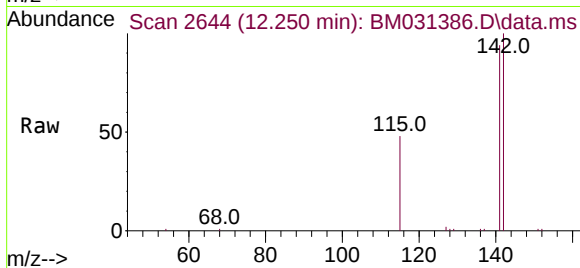
#8
1-Methylnaphthalene
Concen: 1.27 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. -0.004 min
Lab File: BM031386.D
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Tgt Ion:142 Resp: 13787
Ion Ratio Lower Upper
142 100
141 93.3 74.1 111.1

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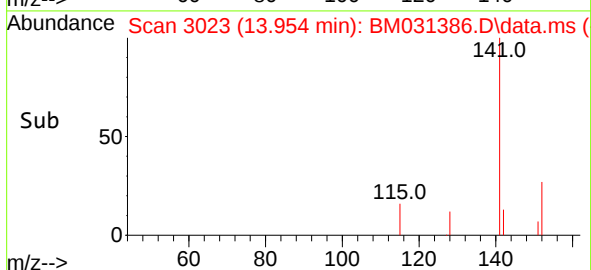
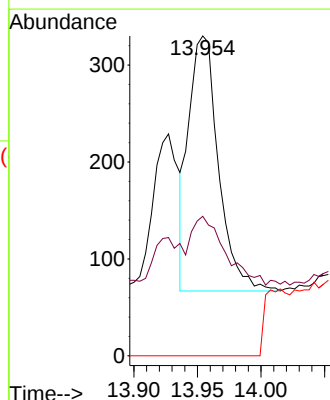
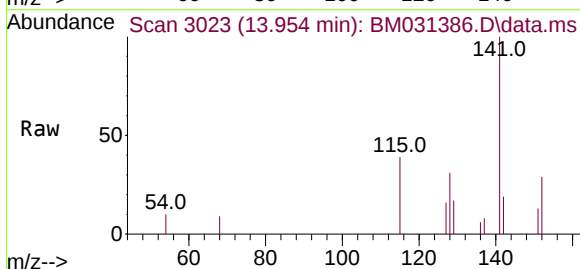
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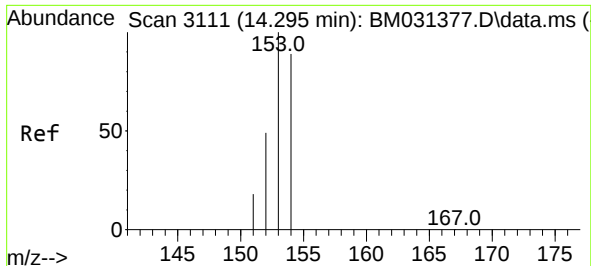
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#10
Acenaphthylene
Concen: 0.03 ng/ul
RT: 13.954 min Scan# 3023
Delta R.T. 0.000 min
Lab File: BM031386.D
Acq: 02 Aug 2021 21:38

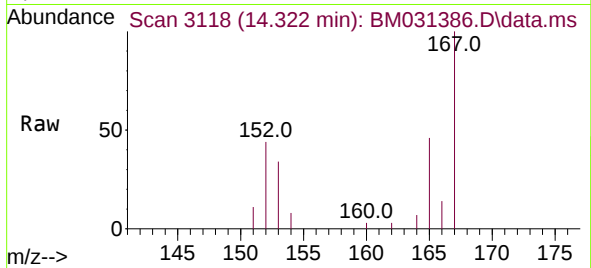
Tgt Ion:152 Resp: 418
Ion Ratio Lower Upper
152 100
151 43.6 16.9 25.3#
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.11 ng/ul m
RT: 14.322 min Scan# 3118
Delta R.T. 0.027 min
Lab File: BM031386.D
Acq: 02 Aug 2021 21:38

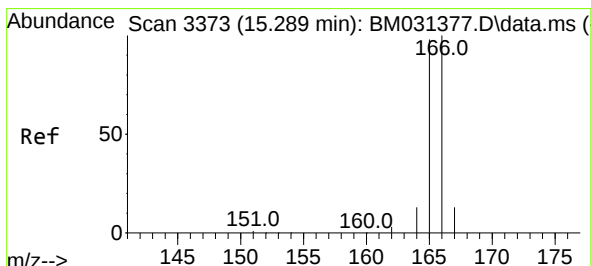
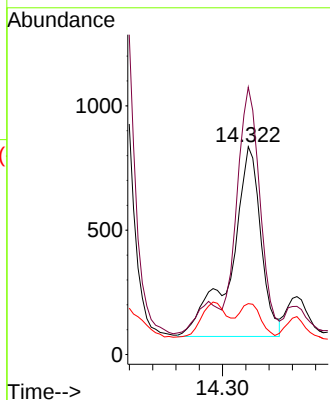
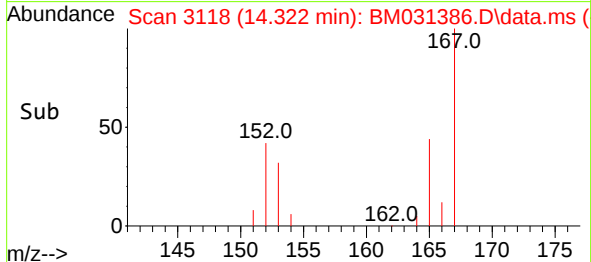
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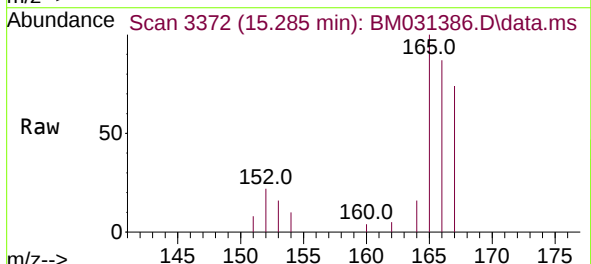
Tgt Ion:153 Resp: 1349
Ion Ratio Lower Upper
153 100
152 128.6 40.7 61.1#
154 24.5 70.2 105.2#

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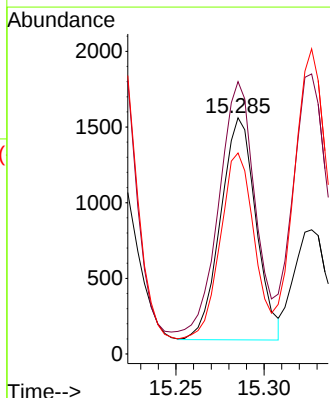
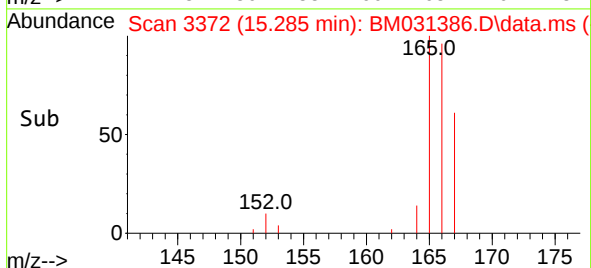
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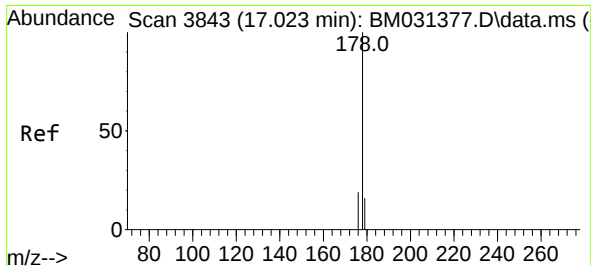


#12
Fluorene
Concen: 0.14 ng/ul
RT: 15.285 min Scan# 3372
Delta R.T. 0.000 min
Lab File: BM031386.D
Acq: 02 Aug 2021 21:38

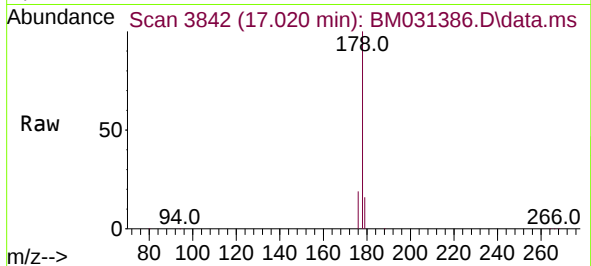


Tgt Ion:166 Resp: 2055
Ion Ratio Lower Upper
166 100
165 115.3 78.0 117.0
167 85.1 12.0 18.0#

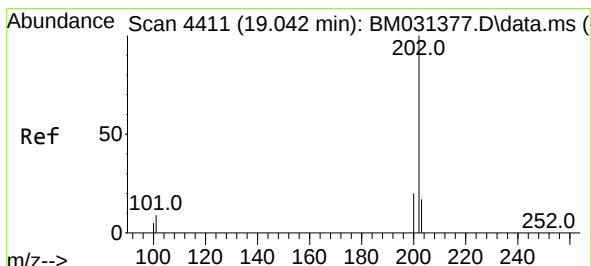
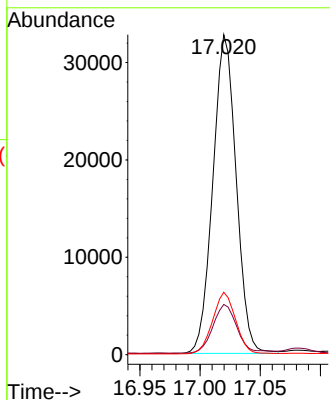
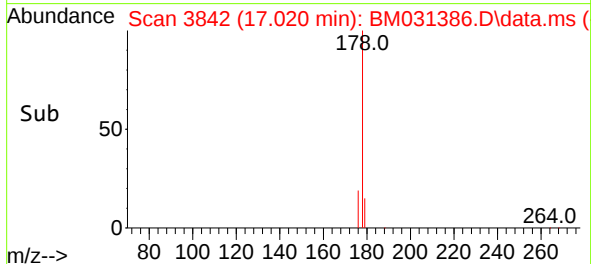




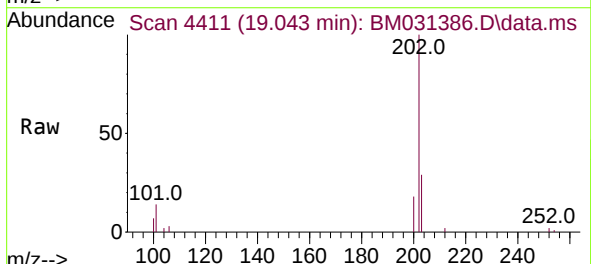
#15
Phenanthrene
Concen: 2.26 ng/ul
RT: 17.020 min Scan# 3842
Delta R.T. -0.003 min
Lab File: BM031386.D
Acq: 02 Aug 2021 21:38



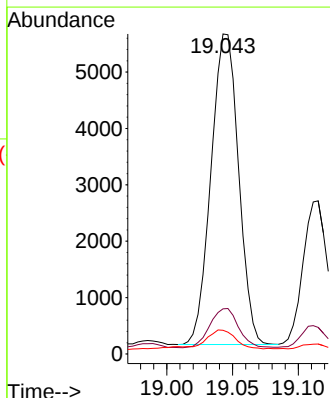
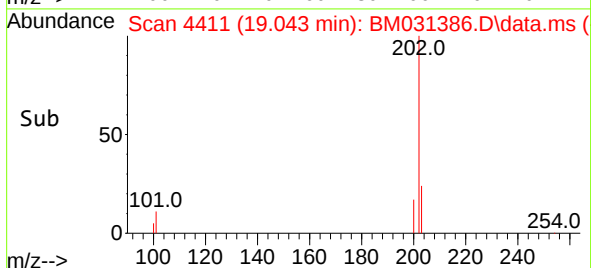
Tgt Ion:178 Resp: 44030
Ion Ratio Lower Upper
178 100
179 15.7 13.3 19.9
176 19.5 16.2 24.4



#19
Fluoranthene
Concen: 0.41 ng/ul
RT: 19.043 min Scan# 4411
Delta R.T. 0.000 min
Lab File: BM031386.D
Acq: 02 Aug 2021 21:38



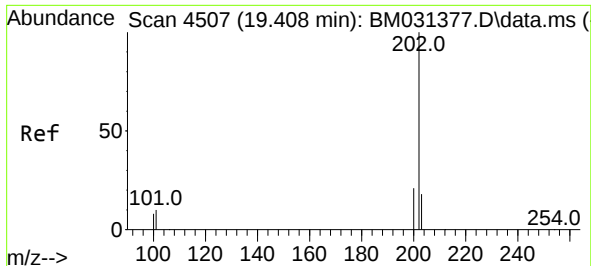
Tgt Ion:202 Resp: 8051
Ion Ratio Lower Upper
202 100
101 14.1 6.6 10.0#
100 7.4 5.4 8.0



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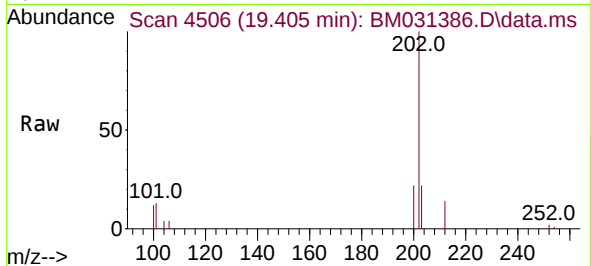
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#20
Pyrene
Concen: 0.36 ng/ul
RT: 19.405 min Scan# 4506
Delta R.T. -0.004 min
Lab File: BM031386.D
Acq: 02 Aug 2021 21:38

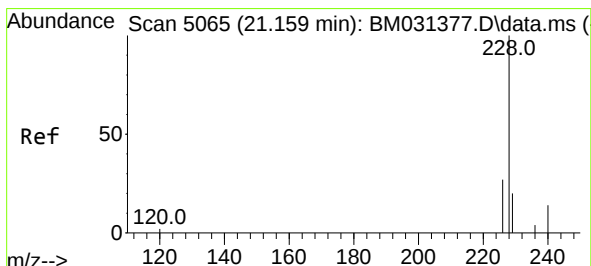
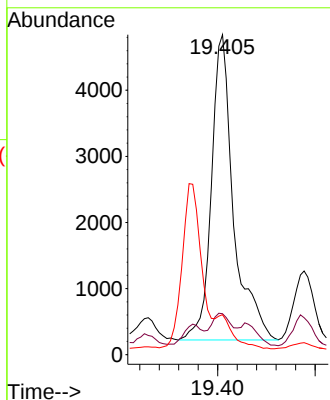
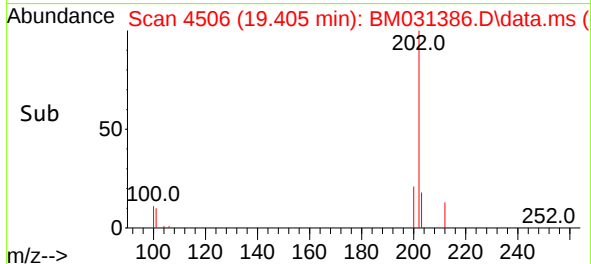
Instrument :
BNA_M
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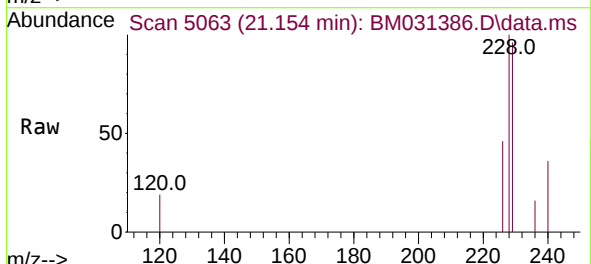
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Ion Ratio Lower Upper
202 100
101 12.8 7.8 11.6#
100 12.5 6.6 10.0#

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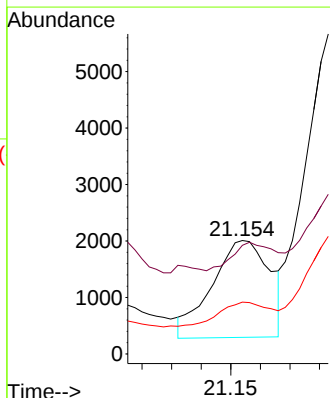
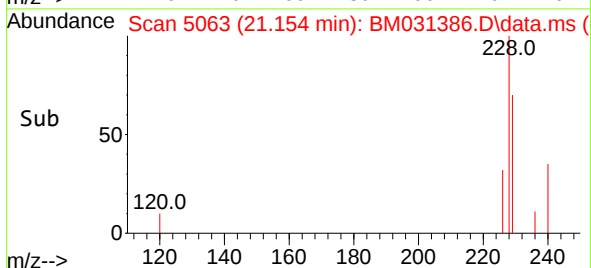
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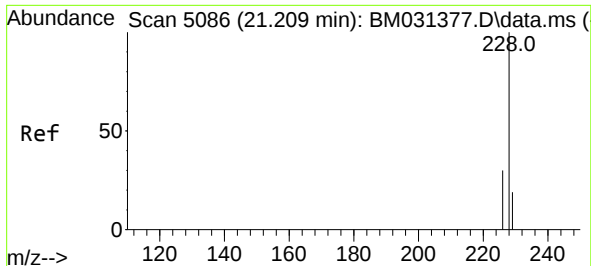


#21
Benzo(a)anthracene
Concen: 0.13 ng/ul
RT: 21.154 min Scan# 5063
Delta R.T. -0.005 min
Lab File: BM031386.D
Acq: 02 Aug 2021 21:38

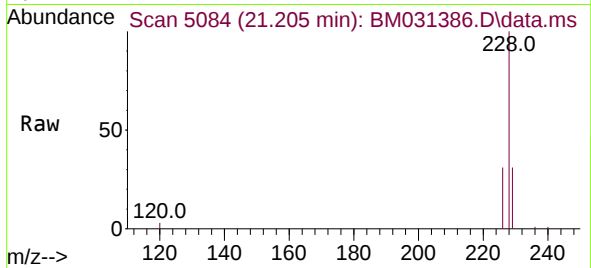


Tgt Ion:228 Resp: 2340
Ion Ratio Lower Upper
228 100
229 95.8 15.6 23.4#
226 45.6 21.7 32.5#

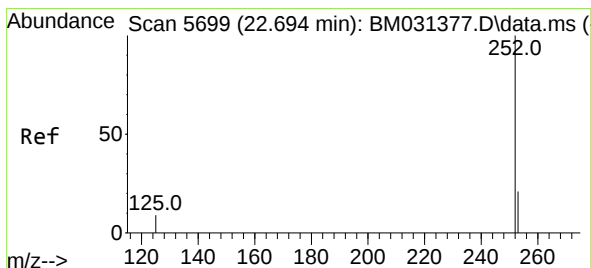
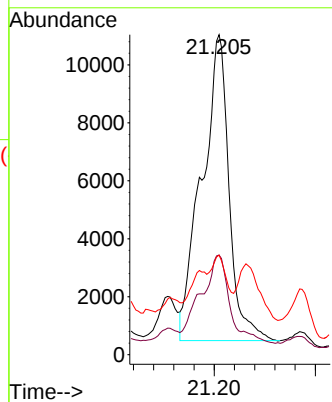
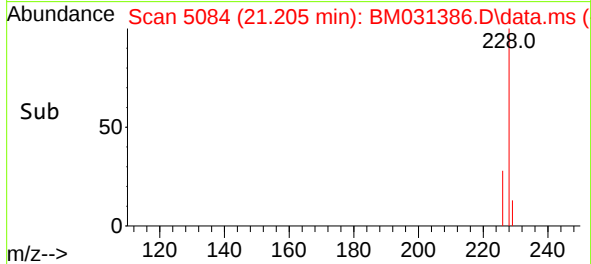




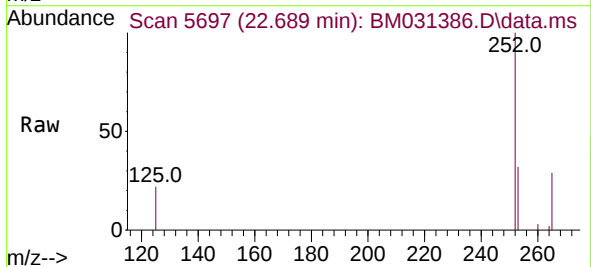
#22
Chrysene
Concen: 1.02 ng/ul
RT: 21.205 min Scan# 5084
Delta R.T. -0.005 min
Lab File: BM031386.D
Acq: 02 Aug 2021 21:38



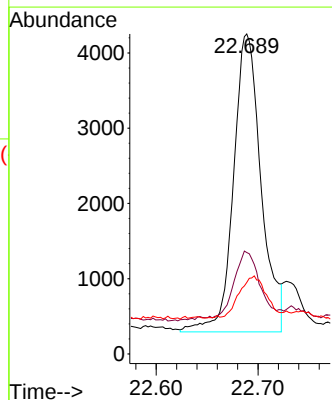
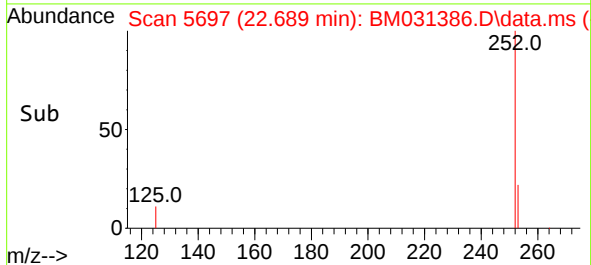
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Ion Ratio Lower Upper
228 100
226 31.2 24.7 37.1
229 31.1 16.2 24.2#



#24
Benzo(b)fluoranthene
Concen: 0.39 ng/ul m
RT: 22.689 min Scan# 5697
Delta R.T. -0.002 min
Lab File: BM031386.D
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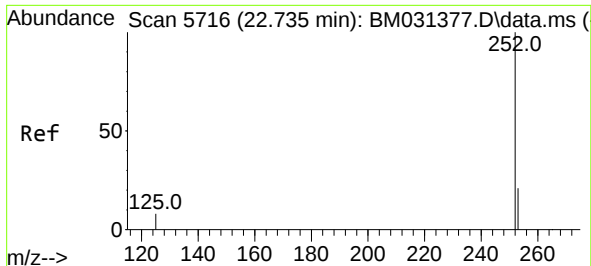
Tgt Ion:252 Resp: 7479
Ion Ratio Lower Upper
252 100
253 31.7 0.0 53.0
125 22.3 0.0 22.8



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#25

Benzo(k)fluoranthene

Concen: 0.04 ng/ul m

RT: 22.728 min Scan# 5713

Delta R.T. -0.007 min

Lab File: BM031386.D

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Tgt Ion:	252	Resp:	796
Ion Ratio	Lower	Upper	
252	100		
253	61.3	21.3	31.9#
125	59.3	8.8	13.2#

Instrument :

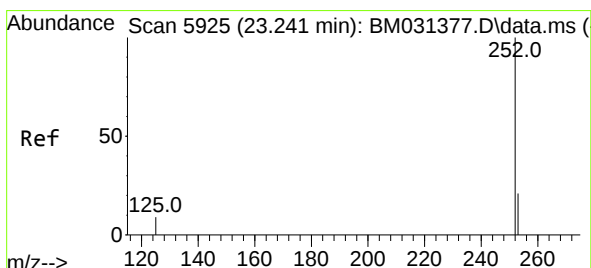
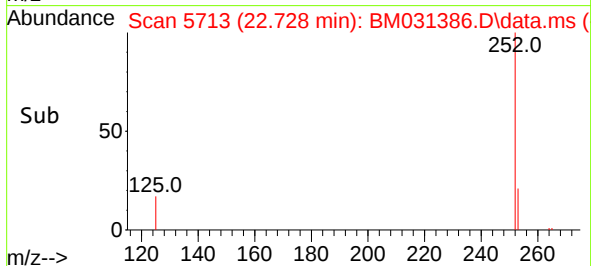
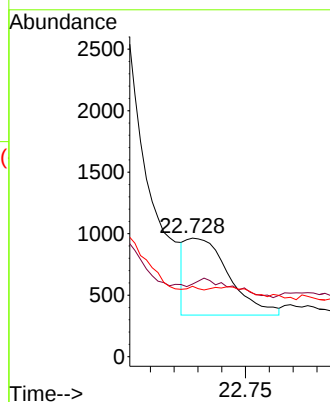
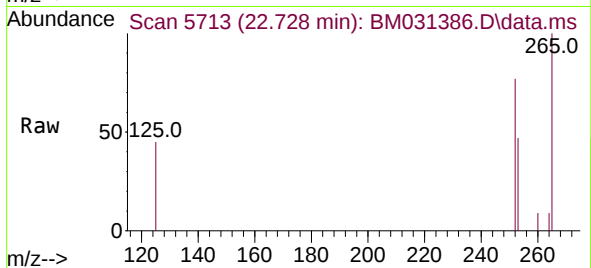
BNA_M

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#26

Benzo(a)pyrene

Concen: 0.08 ng/ul

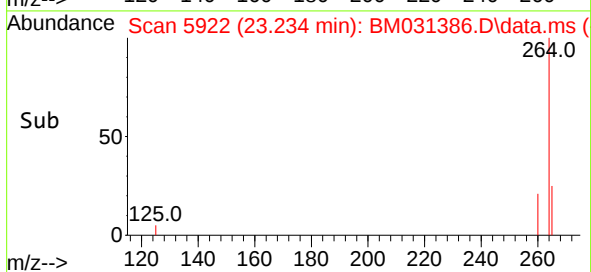
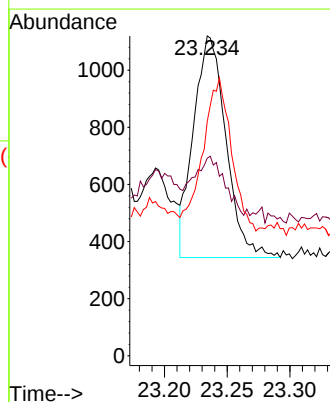
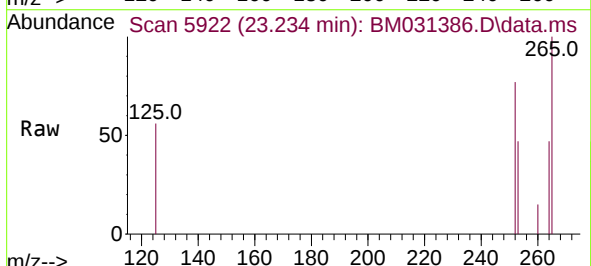
RT: 23.234 min Scan# 5922

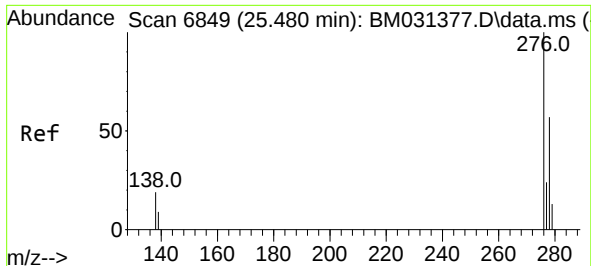
Delta R.T. -0.010 min

Lab File: BM031386.D

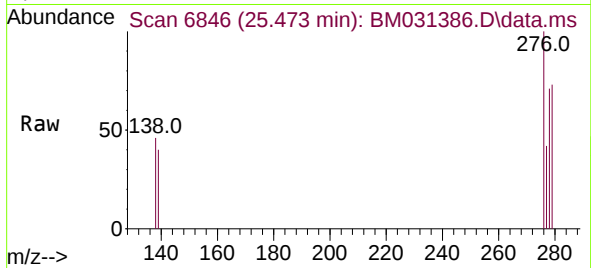
Acq: 02 Aug 2021 21:38

Tgt Ion:	252	Resp:	1398
Ion Ratio	Lower	Upper	
252	100		
253	61.8	22.4	33.6#
125	73.3	13.0	19.4#

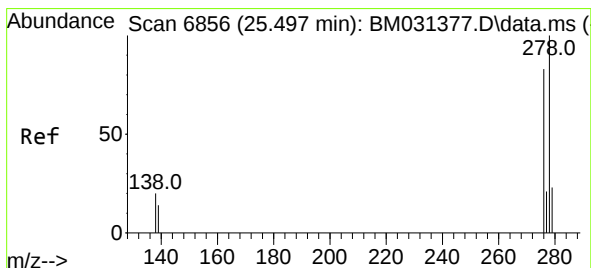
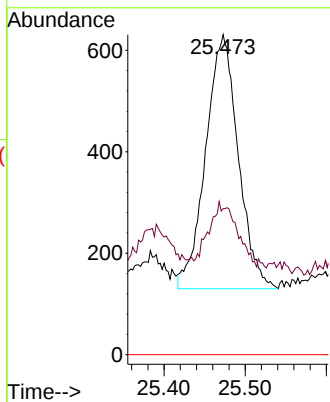
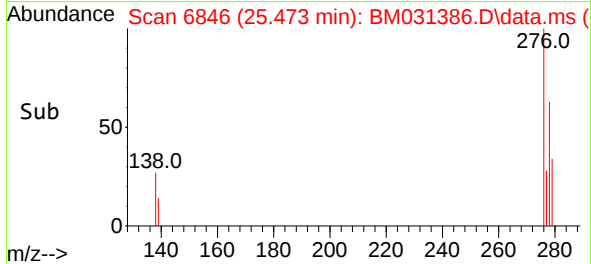




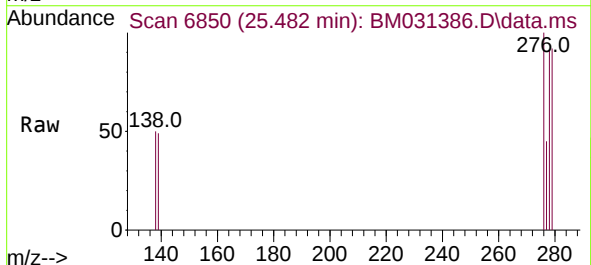
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng/ul
RT: 25.473 min Scan# 6846
Delta R.T. -0.007 min
Lab File: BM031386.D
Acq: 02 Aug 2021 21:38



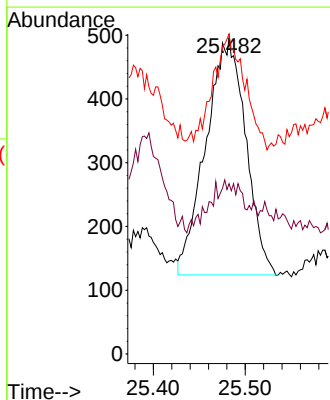
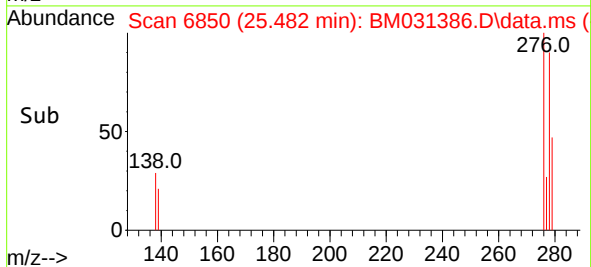
Tgt Ion: 276 Resp: 1397
Ion Ratio Lower Upper
276 100
138 21.9 15.8 23.8
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.06 ng/ul
RT: 25.482 min Scan# 6850
Delta R.T. -0.010 min
Lab File: BM031386.D
Acq: 02 Aug 2021 21:38



Tgt Ion: 278 Resp: 1122
Ion Ratio Lower Upper
278 100
139 53.8 13.3 19.9#
279 101.2 22.8 34.2#



Instrument :
BNA_M
ClientSampled :
C0070

Manual Integrations
APPROVED

mohammad
8/3/2021 11:50:51 AM