

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031683.D
 Acq On : 12 Aug 2021 18:47
 Operator : CG/JU
 Sample : M3182-07DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00C5DL

Manual Integrations
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mohammad
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Quant Time: Aug 13 01:01:25 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 17:28:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.577	152	1236	0.400	ng/ul	0.00
4) Naphthalene-d8	10.334	136	4553	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.205	164	2395	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.957	188	4544	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.154	240	3759	0.400	ng/ul	# 0.00
23) Perylene-d12	23.312	264	3732	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	443	0.323	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.930	152	175	0.023	ng/ul	0.00
18) Fluoranthene-d10	18.990	212	336	0.027	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.383	128	1507	0.111	ng/ul#	90
7) 2-Methylnaphthalene	12.007	142	1089	0.118	ng/ul	98
8) 1-Methylnaphthalene	12.227	142	603	0.066	ng/ul	98
10) Acenaphthylene	13.927	152	1315	0.129	ng/ul	91
11) Acenaphthene	14.269	153	188	0.022	ng/ul#	92
12) Fluorene	15.266	166	355	0.036	ng/ul#	91
15) Phenanthrene	16.999	178	8870	0.615	ng/ul	99
16) Anthracene	17.089	178	1787	0.132	ng/ul#	93
19) Fluoranthene	19.020	202	24341	1.516	ng/ul	97
20) Pyrene	19.386	202	20413	1.254	ng/ul	97
21) Benzo(a)anthracene	21.140	228	9994	0.658	ng/ul	95
22) Chrysene	21.190	228	12372	0.788	ng/ul	97
24) Benzo(b)fluoranthene	22.672	252	16708m	0.994	ng/ul	
25) Benzo(k)fluoranthene	22.711	252	6222m	0.358	ng/ul	
26) Benzo(a)pyrene	23.217	252	10205	0.693	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	25.446	276	7904	0.415	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.451	278	1896	0.124	ng/ul#	59
29) Benzo(g,h,i)perylene	26.098	276	1801	0.111	ng/ul#	72

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

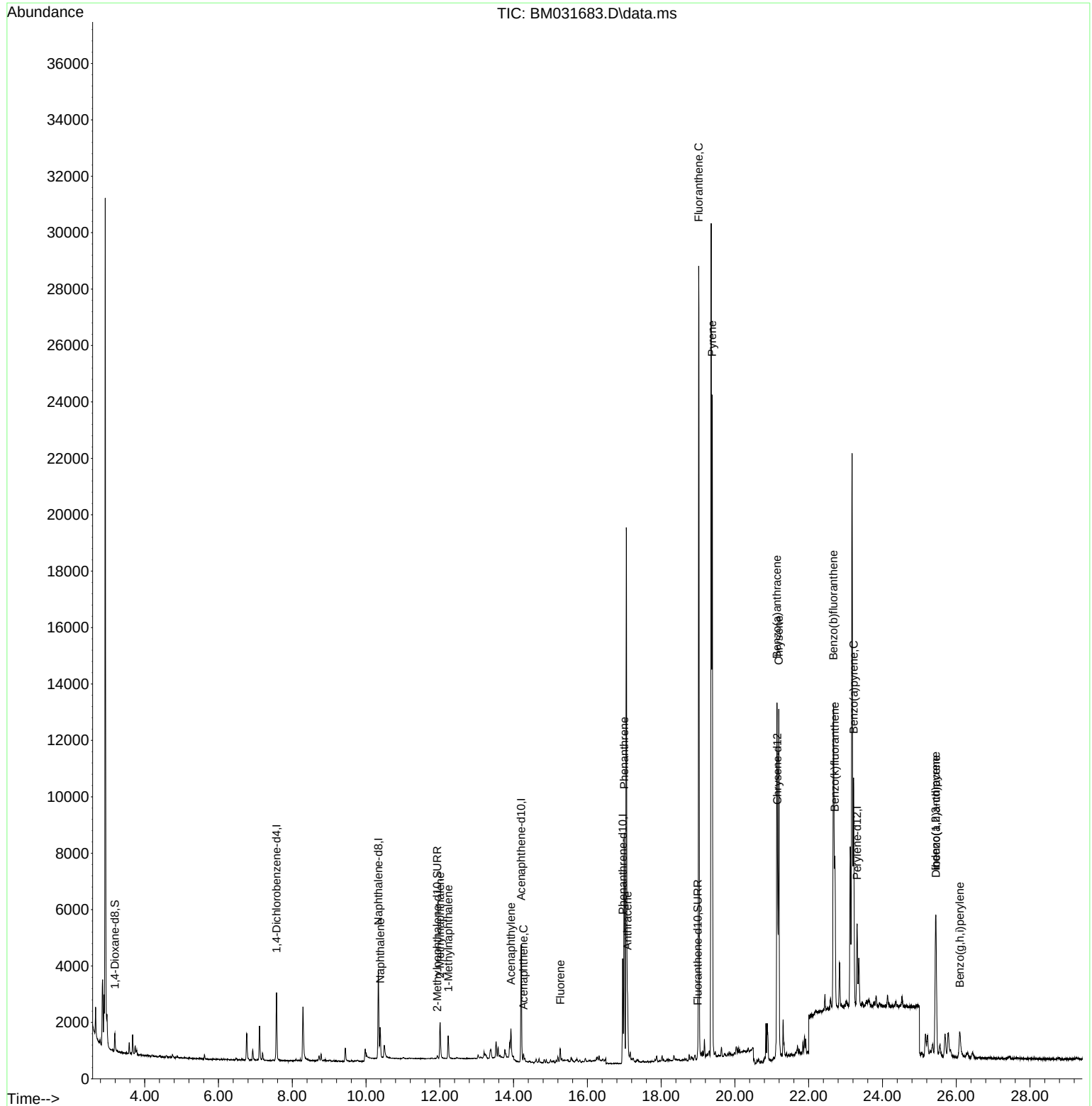
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031683.D
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ALS Vial : 15 Sample Multiplier: 1

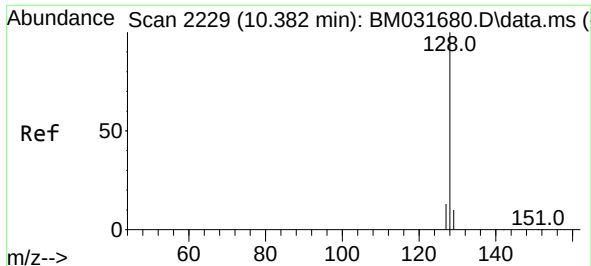
Instrument :
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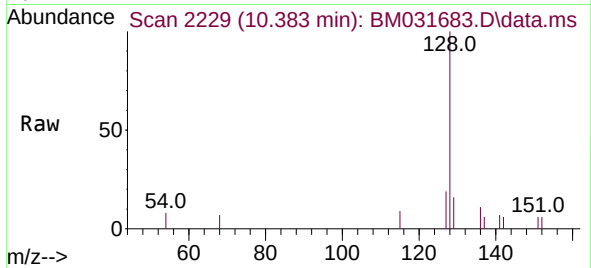
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Quant Time: Aug 13 01:01:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

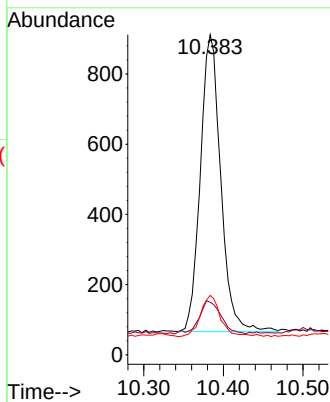
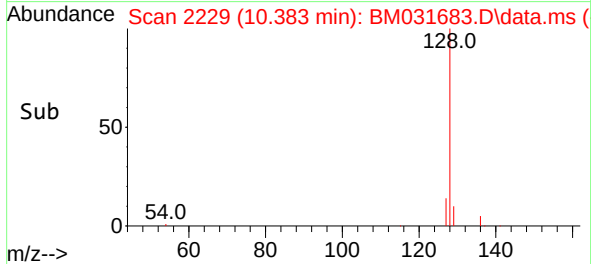




#5
Naphthalene
Concen: 0.111 ng/ul
RT: 10.383 min Scan# 2229
Delta R.T. 0.001 min
Lab File: BM031683.D
Acq: 12 Aug 2021 18:47



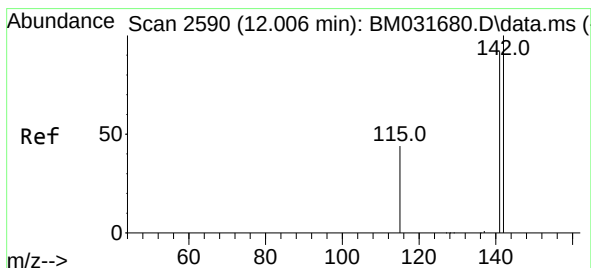
Tgt Ion:128 Resp: 1507
Ion Ratio Lower Upper
128 100
129 16.4 10.0 15.0#
127 18.5 11.6 17.4#



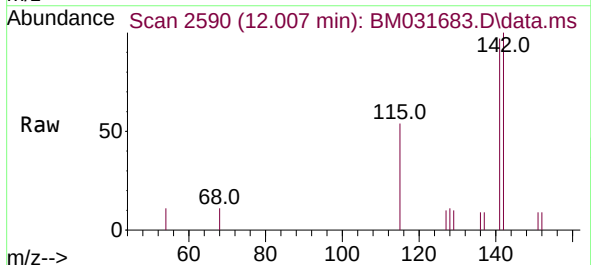
Instrument :
BNA_M
ClientSampleId :
C00C5DL

Manual Integrations
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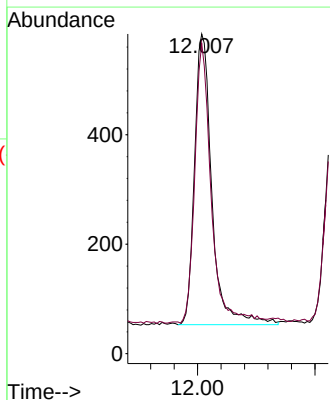
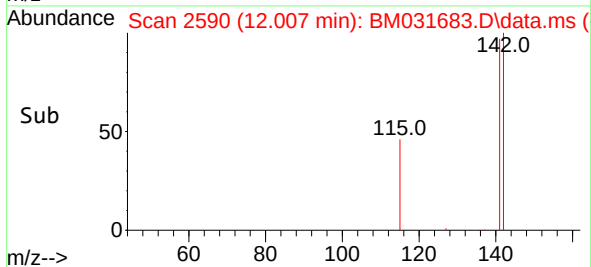
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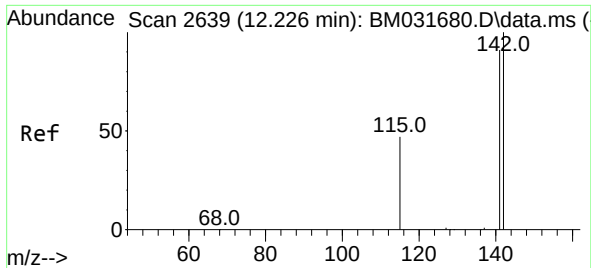


#7
2-Methylnaphthalene
Concen: 0.118 ng/ul
RT: 12.007 min Scan# 2590
Delta R.T. 0.001 min
Lab File: BM031683.D
Acq: 12 Aug 2021 18:47



Tgt Ion:142 Resp: 1089
Ion Ratio Lower Upper
142 100
141 90.8 71.4 107.0





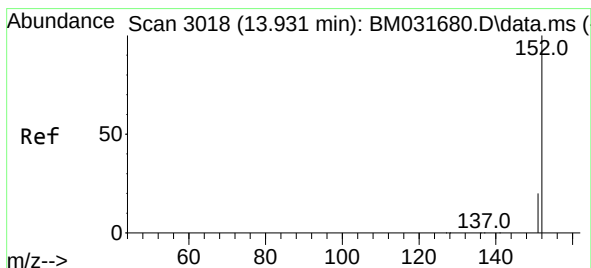
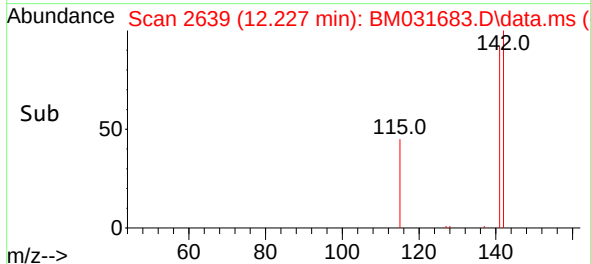
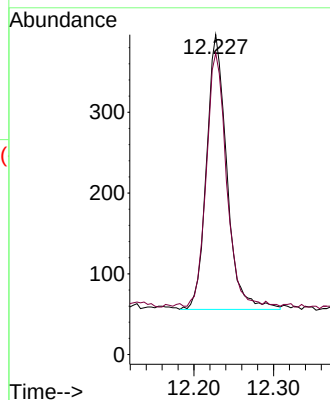
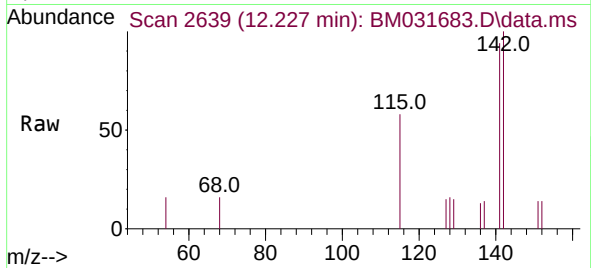
#8
1-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.227 min Scan# 2639
Delta R.T. 0.001 min
Lab File: BM031683.D
Acq: 12 Aug 2021 18:47

Tgt Ion:142 Resp: 603
Ion Ratio Lower Upper
142 100
141 91.0 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C00C5DL

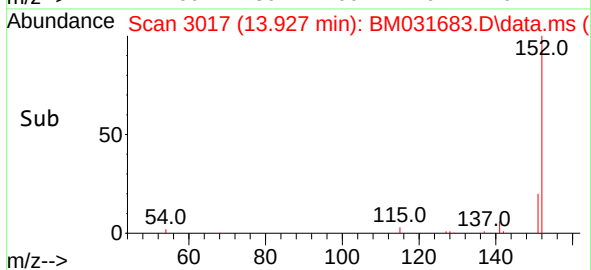
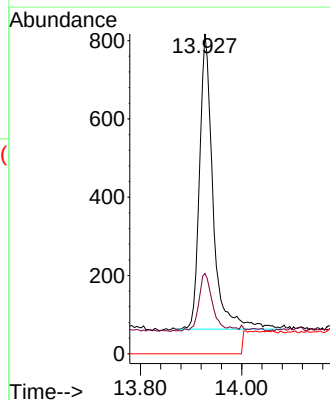
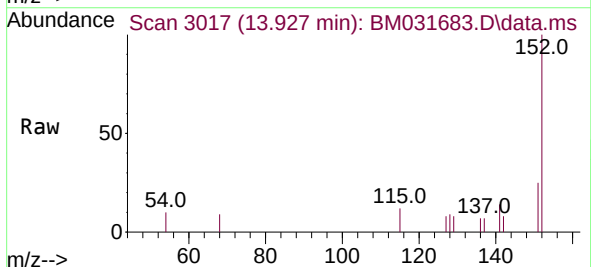
Manual Integrations
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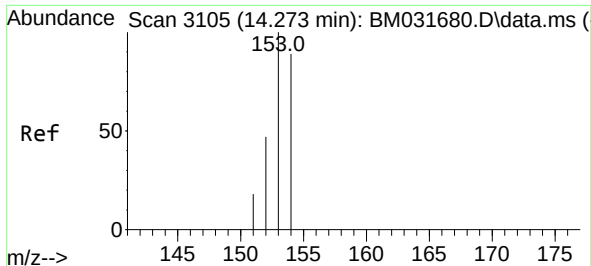
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#10
Acenaphthylene
Concen: 0.129 ng/ul
RT: 13.927 min Scan# 3017
Delta R.T. -0.003 min
Lab File: BM031683.D
Acq: 12 Aug 2021 18:47

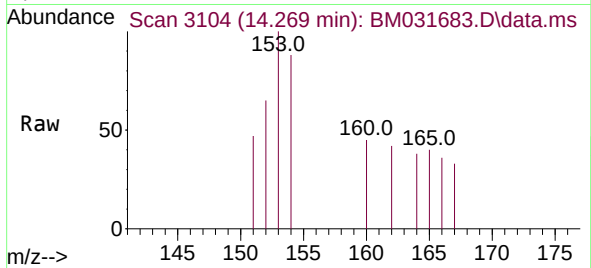
Tgt Ion:152 Resp: 1315
Ion Ratio Lower Upper
152 100
151 25.1 16.9 25.3
153 0.0 0.0 0.0



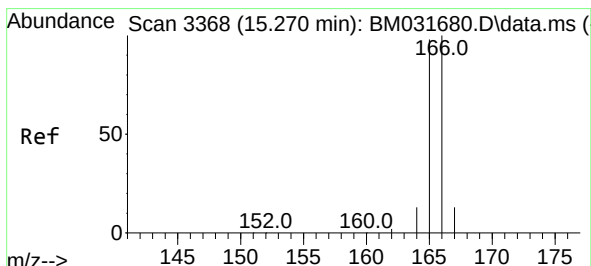
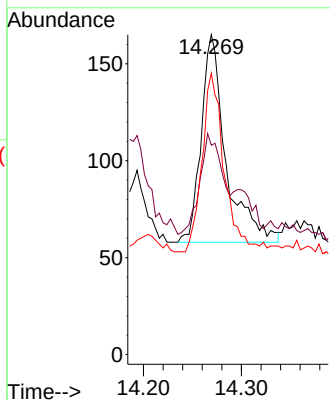
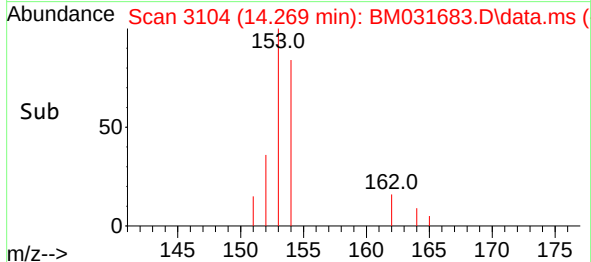


#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.269 min Scan# 3104
Delta R.T. -0.003 min
Lab File: BM031683.D
Acq: 12 Aug 2021 18:47

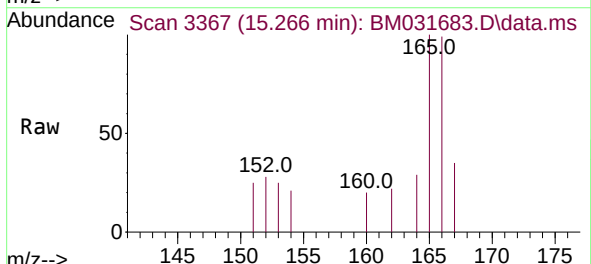
Instrument :
BNA_M
ClientSampleId :
C00C5DL



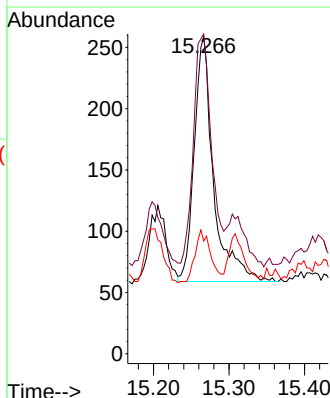
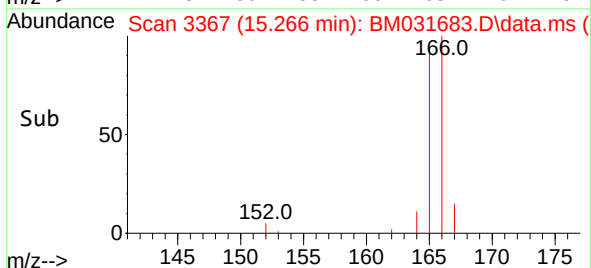
Tgt Ion:153 Resp: 188
Ion Ratio Lower Upper
153 100
152 65.5 40.7 61.1#
154 87.9 70.2 105.2

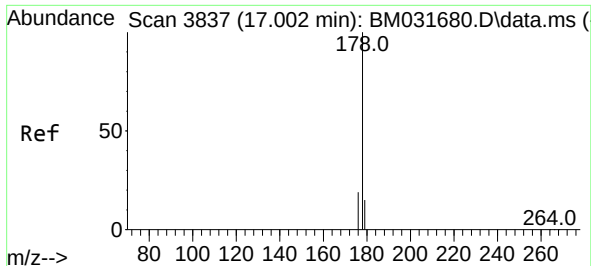


#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.266 min Scan# 3367
Delta R.T. -0.003 min
Lab File: BM031683.D
Acq: 12 Aug 2021 18:47



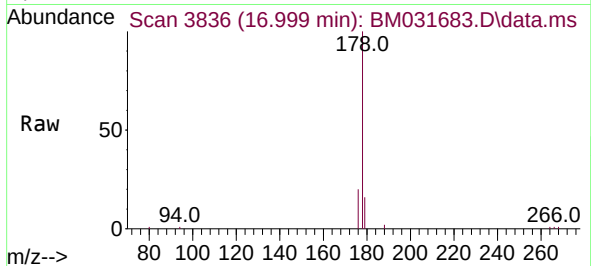
Tgt Ion:166 Resp: 355
Ion Ratio Lower Upper
166 100
165 100.8 78.0 117.0
167 35.5 12.0 18.0#





#15
Phenanthrene
Concen: 0.615 ng/ul
RT: 16.999 min Scan# 3836
Delta R.T. -0.003 min
Lab File: BM031683.D
Acq: 12 Aug 2021 18:47

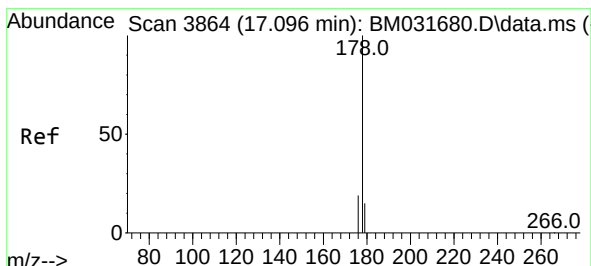
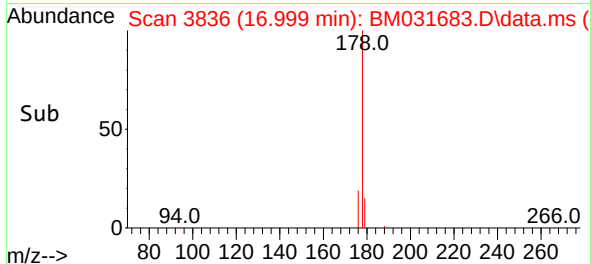
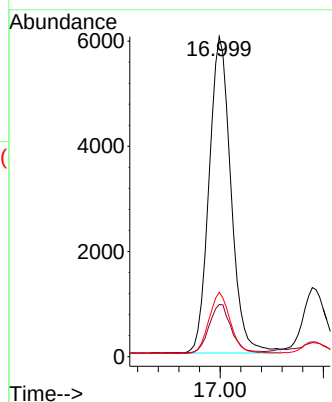
Instrument :
BNA_M
ClientSampleId :
C00C5DL



Tgt Ion:178	Resp:	8870
Ion Ratio	Lower	Upper
178	100	
179	16.3	13.3 19.9
176	20.1	16.2 24.4

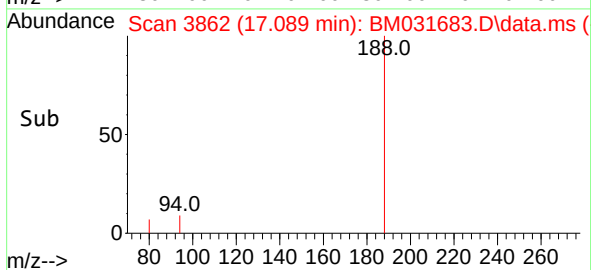
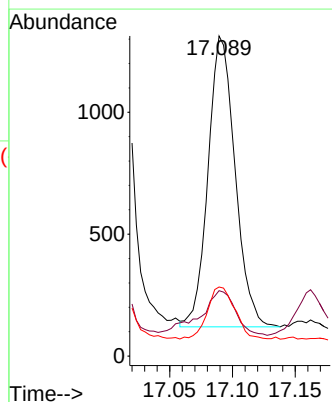
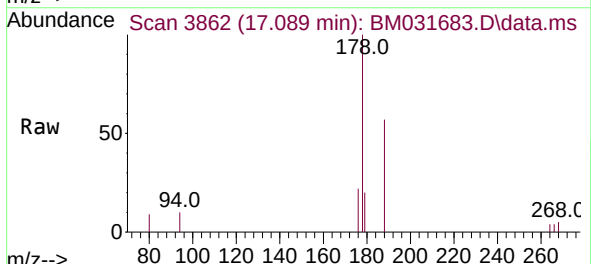
Manual Integrations
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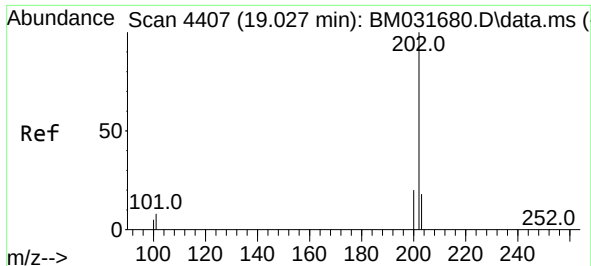
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#16
Anthracene
Concen: 0.132 ng/ul
RT: 17.089 min Scan# 3862
Delta R.T. -0.007 min
Lab File: BM031683.D
Acq: 12 Aug 2021 18:47

Tgt Ion:178	Resp:	1787
Ion Ratio	Lower	Upper
178	100	
179	20.4	13.0 19.6#
176	21.6	15.6 23.4





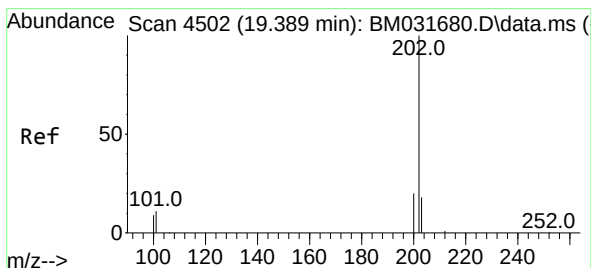
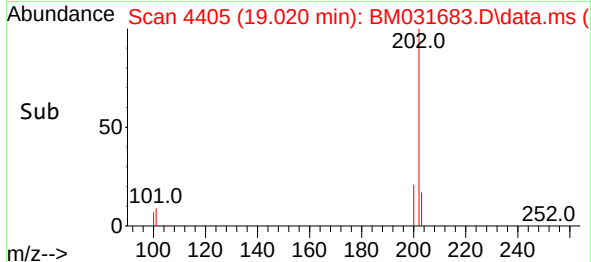
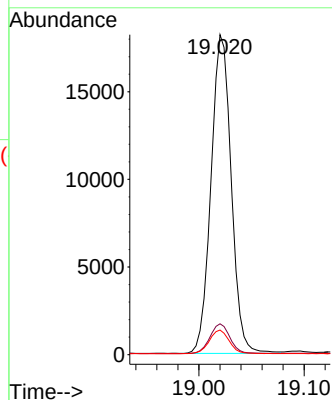
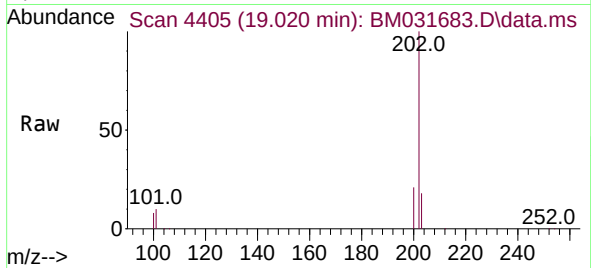
#19
Fluoranthene
Concen: 1.516 ng/ul
RT: 19.020 min Scan# 4405
Delta R.T. -0.007 min
Lab File: BM031683.D
Acq: 12 Aug 2021 18:47

Tgt Ion:	202	Resp:	24341
Ion Ratio	Lower	Upper	
202	100		
101	9.7	6.6	10.0
100	7.7	5.4	8.0

Instrument :
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ClientSampleId :
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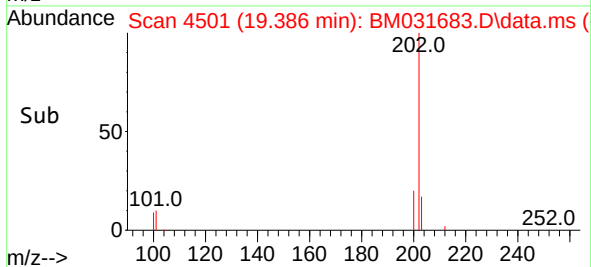
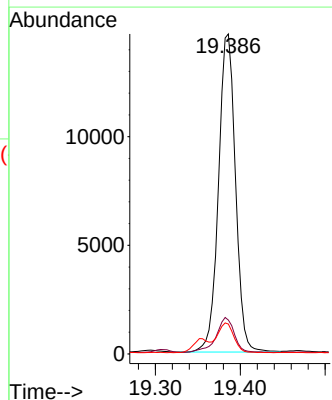
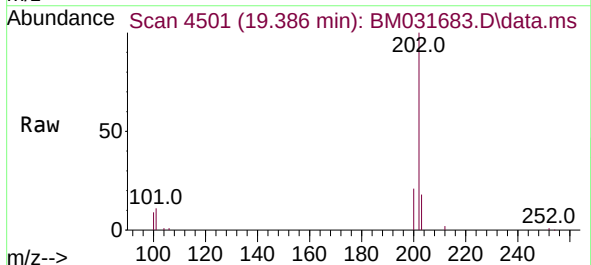
Manual Integrations
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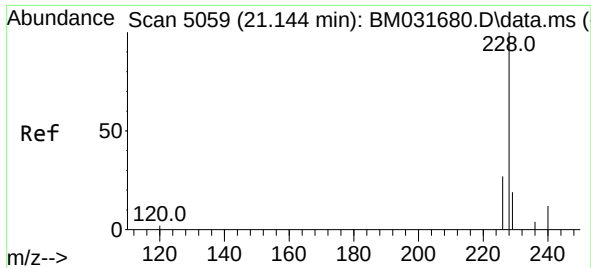
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#20
Pyrene
Concen: 1.254 ng/ul
RT: 19.386 min Scan# 4501
Delta R.T. -0.003 min
Lab File: BM031683.D
Acq: 12 Aug 2021 18:47

Tgt Ion:	202	Resp:	20413
Ion Ratio	Lower	Upper	
202	100		
101	10.6	7.8	11.6
100	9.4	6.6	10.0





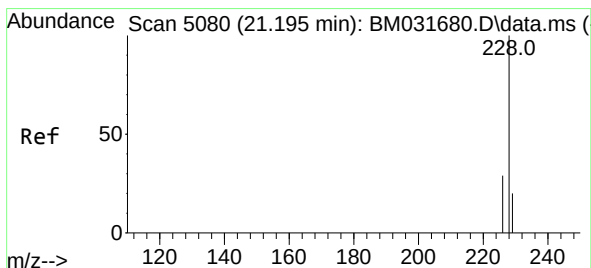
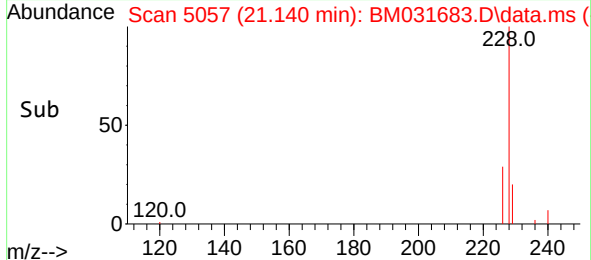
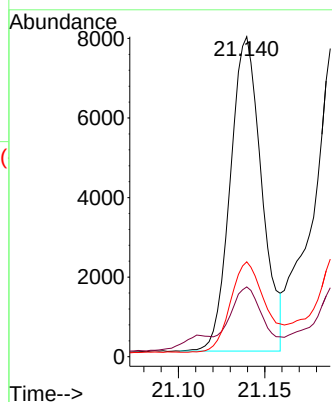
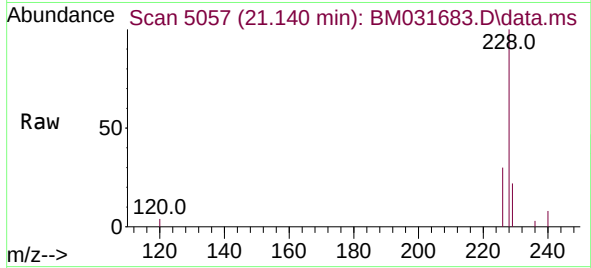
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Benzo(a)anthracene
Concen: 0.658 ng/ul
RT: 21.140 min Scan# 5057
Delta R.T. -0.004 min
Lab File: BM031683.D
Acq: 12 Aug 2021 18:47

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.6	23.4
226	29.7	21.7	32.5

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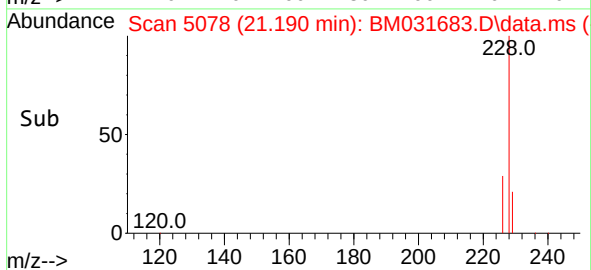
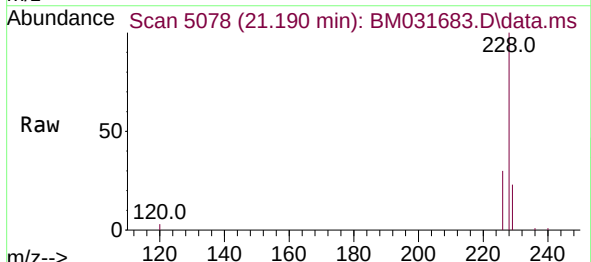
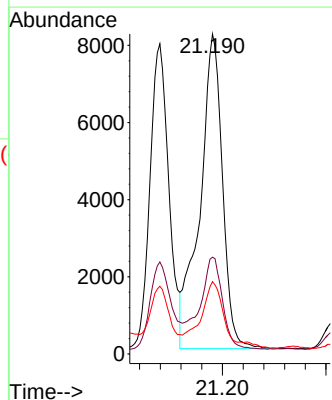
Manual Integrations
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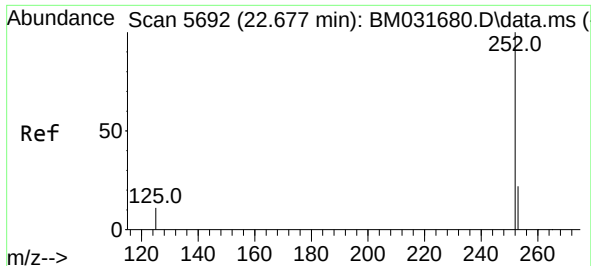
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#22
Chrysene
Concen: 0.788 ng/ul
RT: 21.190 min Scan# 5078
Delta R.T. -0.004 min
Lab File: BM031683.D
Acq: 12 Aug 2021 18:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.7	37.1
229	22.6	16.2	24.2





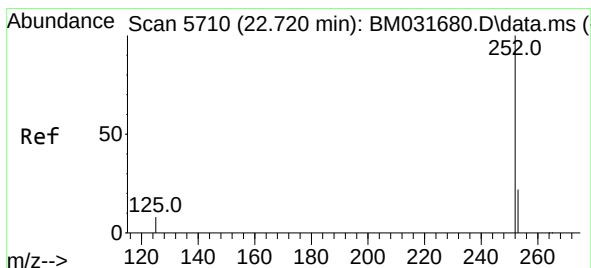
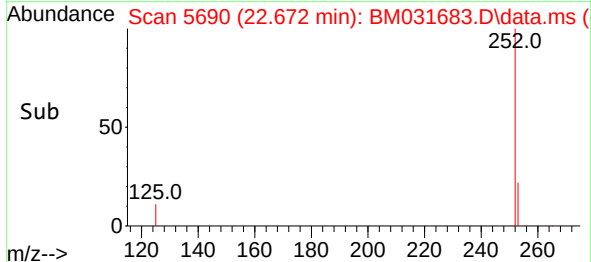
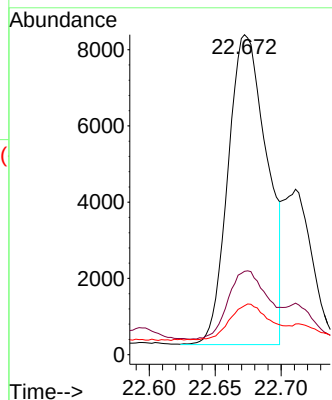
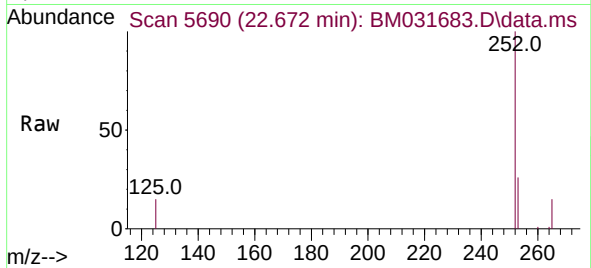
#24
Benzo(b)fluoranthene
Concen: 0.994 ng/ul m
RT: 22.672 min Scan# 5690
Delta R.T. -0.004 min
Lab File: BM031683.D
Acq: 12 Aug 2021 18:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	0.0	53.0
125	15.3	0.0	22.8

Instrument :
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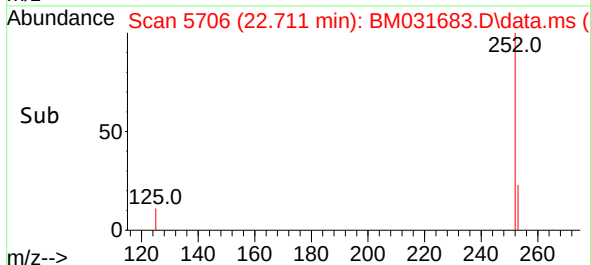
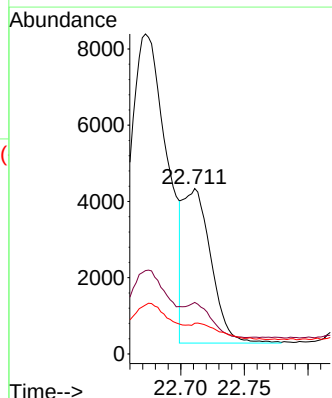
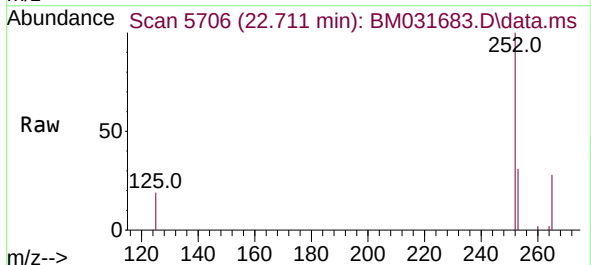
Manual Integrations
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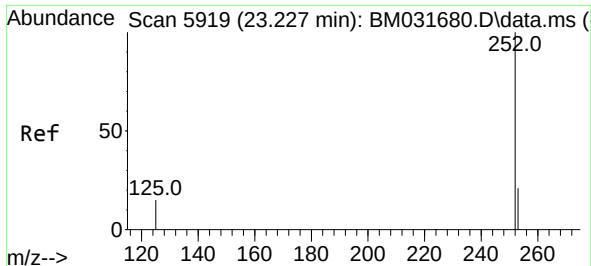
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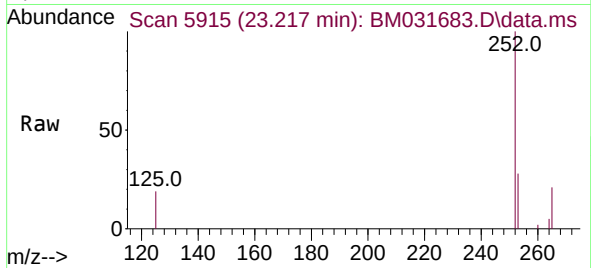
#25
Benzo(k)fluoranthene
Concen: 0.358 ng/ul m
RT: 22.711 min Scan# 5706
Delta R.T. -0.009 min
Lab File: BM031683.D
Acq: 12 Aug 2021 18:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.1	21.3	31.9
125	18.6	8.8	13.2

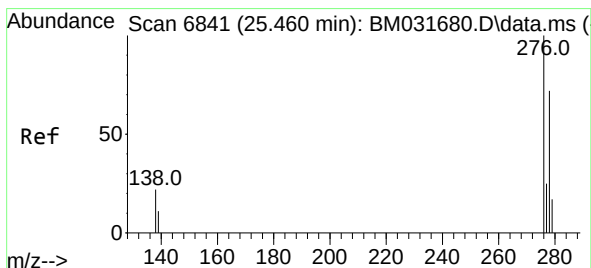
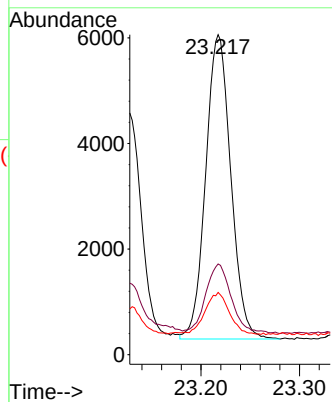
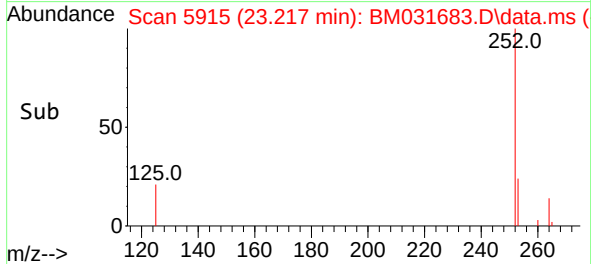




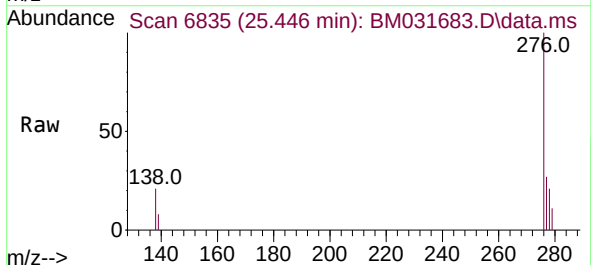
#26
Benzo(a)pyrene
Concen: 0.693 ng/ul
RT: 23.217 min Scan# 5915
Delta R.T. -0.009 min
Lab File: BM031683.D
Acq: 12 Aug 2021 18:47



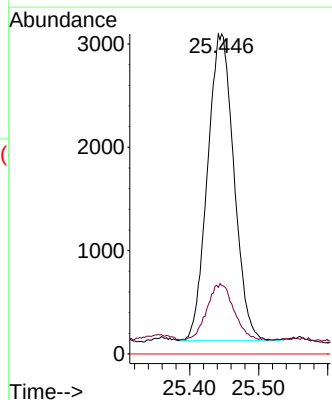
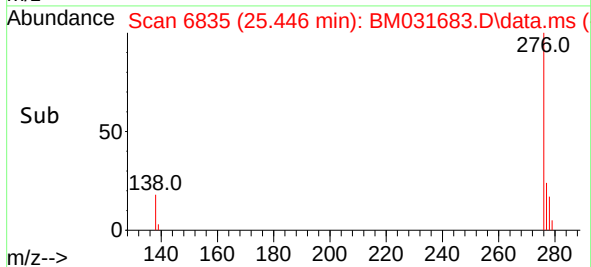
Tgt Ion: 252 Resp: 10205
Ion Ratio Lower Upper
252 100
253 28.3 22.4 33.6
125 19.5 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.415 ng/ul
RT: 25.446 min Scan# 6835
Delta R.T. -0.014 min
Lab File: BM031683.D
Acq: 12 Aug 2021 18:47



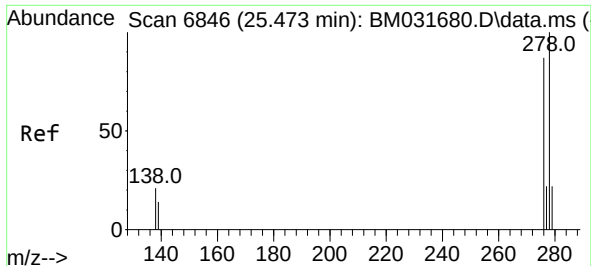
Tgt Ion: 276 Resp: 7904
Ion Ratio Lower Upper
276 100
138 18.7 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
C00C5DL

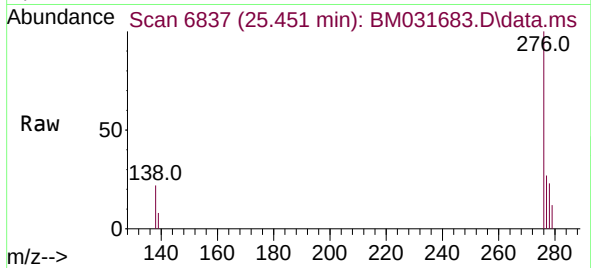
Manual Integrations
APPROVED

mohammad
8/13/2021 5:14:14 PM



#28
Dibenzo(a,h)anthracene
Concen: 0.124 ng/ul
RT: 25.451 min Scan# 6837
Delta R.T. -0.021 min
Lab File: BM031683.D
Acq: 12 Aug 2021 18:47

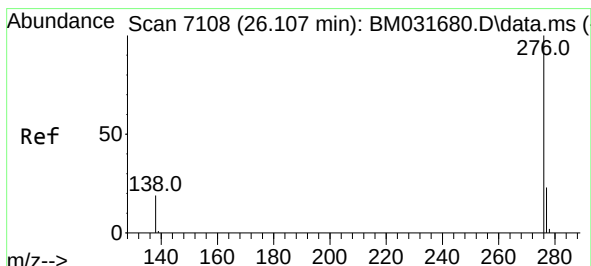
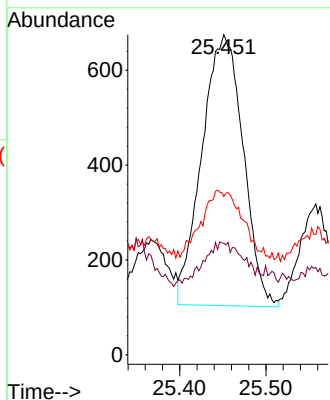
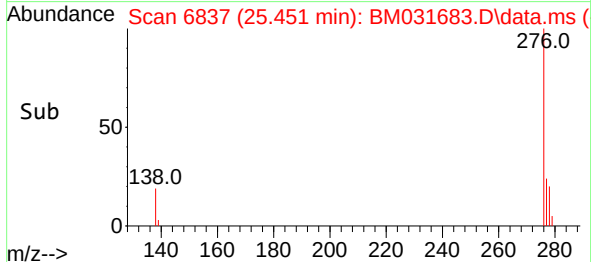
Instrument :
BNA_M
ClientSampleId :
C00C5DL



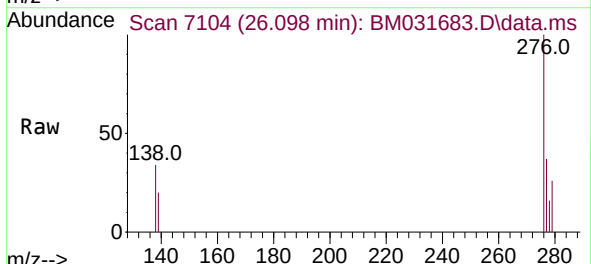
Tgt Ion:278 Resp: 1896
Ion Ratio Lower Upper
278 100
139 34.8 13.3 19.9#
279 49.5 22.8 34.2#

Manual Integrations
APPROVED

mohammad
8/13/2021 5:14:14 PM



#29
Benzo(g,h,i)perylene
Concen: 0.111 ng/ul
RT: 26.098 min Scan# 7104
Delta R.T. -0.009 min
Lab File: BM031683.D
Acq: 12 Aug 2021 18:47



Tgt Ion:276 Resp: 1801
Ion Ratio Lower Upper
276 100
138 34.0 15.4 23.2#
277 36.8 19.9 29.9#

