

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031689.D
 Acq On : 12 Aug 2021 22:31
 Operator : CG/JU
 Sample : M3182-11DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00C9DL

Manual Integrations
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Quant Time: Aug 13 01:02:51 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	7.573	152	1390	0.400	ng/ul	0.00
4) Naphthalene-d8	10.329	136	5120	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.205	164	2970	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	5451	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.152	240	4585	0.400	ng/ul	# 0.00
23) Perylene-d12	23.307	264	4498	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	872	0.565	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	298	0.035	ng/ul	-0.01
18) Fluoranthene-d10	18.989	212	615	0.040	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.379	128	23329	1.530	ng/ul	97
7) 2-Methylnaphthalene	12.002	142	13617	1.307	ng/ul	99
8) 1-Methylnaphthalene	12.223	142	6091	0.592	ng/ul	100
10) Acenaphthylene	13.923	152	9461	0.748	ng/ul	100
11) Acenaphthene	14.265	153	661m	0.062	ng/ul	
12) Fluorene	15.259	166	1039	0.085	ng/ul#	84
15) Phenanthrene	16.995	178	40129	2.318	ng/ul	98
16) Anthracene	17.089	178	10173	0.628	ng/ul	100
19) Fluoranthene	19.020	202	69285	3.539	ng/ul	98
20) Pyrene	19.382	202	58669	2.954	ng/ul	97
21) Benzo(a)anthracene	21.135	228	39594	2.139	ng/ul	95
22) Chrysene	21.188	228	45445	2.372	ng/ul	97
24) Benzo(b)fluoranthene	22.667	252	50848m	2.509	ng/ul	
25) Benzo(k)fluoranthene	22.706	252	16059m	0.767	ng/ul	
26) Benzo(a)pyrene	23.212	252	27604	1.555	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.436	276	18544	0.808	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.446	278	5383	0.291	ng/ul#	84
29) Benzo(g,h,i)perylene	26.088	276	3379	0.173	ng/ul#	84

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

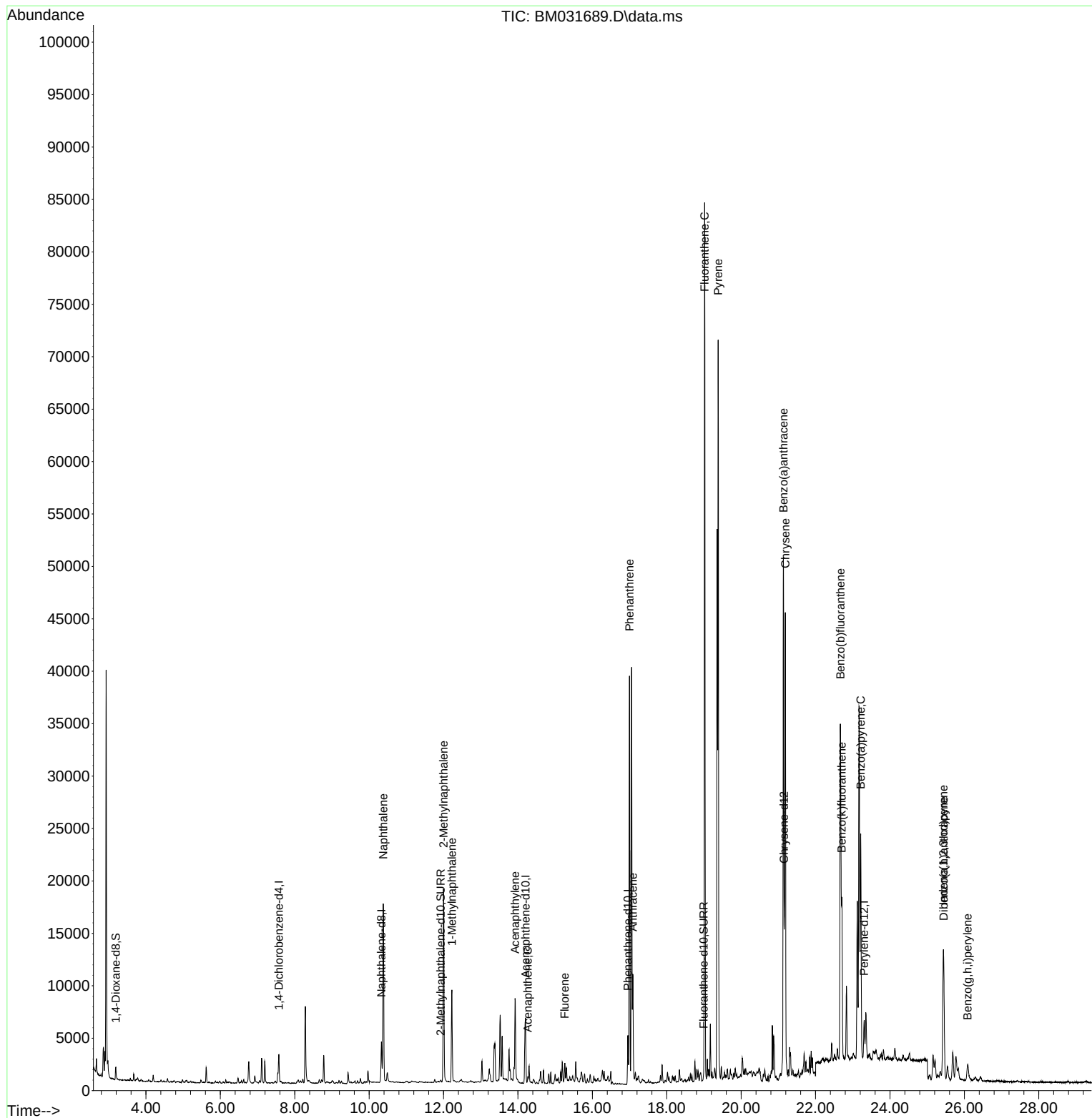
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Data File : BM031689.D
Acq On : 12 Aug 2021 22:31
Operator : CG/JU
Sample : M3182-11DL 5X
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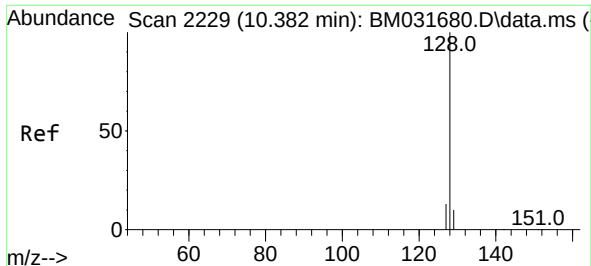
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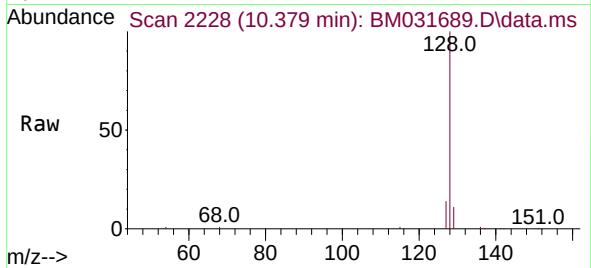
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Quant Time: Aug 13 01:02:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

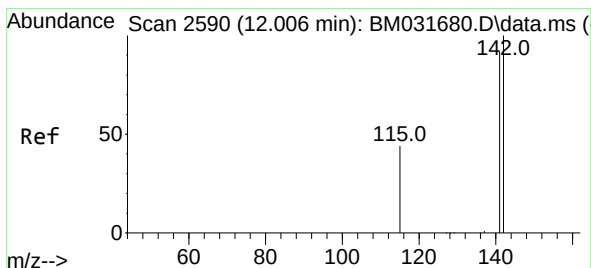
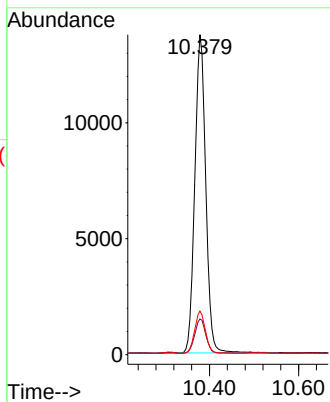
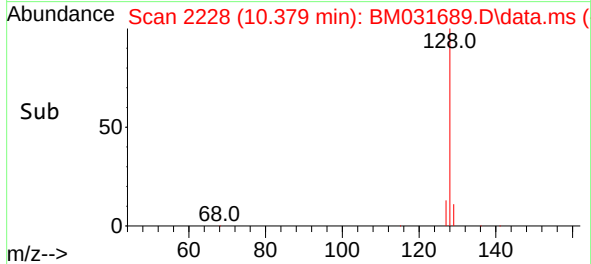




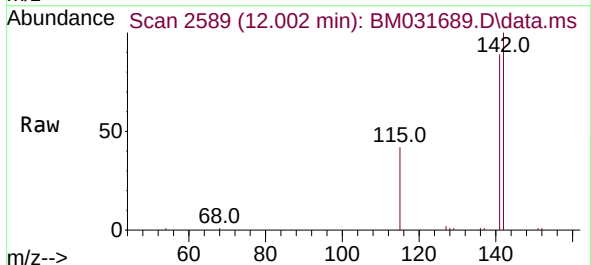
#5
Naphthalene
Concen: 1.530 ng/ul
RT: 10.379 min Scan# 2228
Delta R.T. -0.004 min
Lab File: BM031689.D
Acq: 12 Aug 2021 22:31



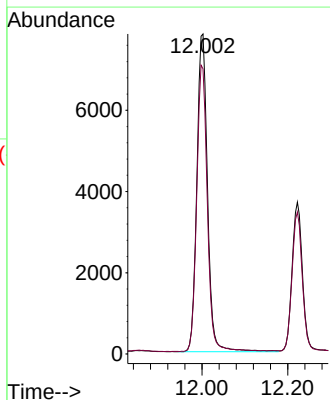
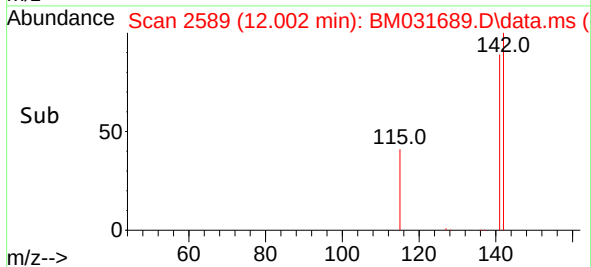
Tgt Ion:128 Resp: 23329
Ion Ratio Lower Upper
128 100
129 11.1 10.0 15.0
127 13.6 11.6 17.4



#7
2-Methylnaphthalene
Concen: 1.307 ng/ul
RT: 12.002 min Scan# 2589
Delta R.T. -0.003 min
Lab File: BM031689.D
Acq: 12 Aug 2021 22:31



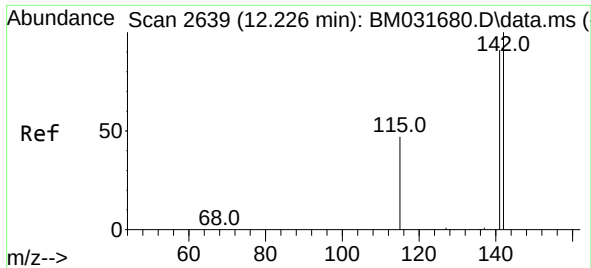
Tgt Ion:142 Resp: 13617
Ion Ratio Lower Upper
142 100
141 90.0 71.4 107.0



Instrument :
BNA_M
ClientSampleId :
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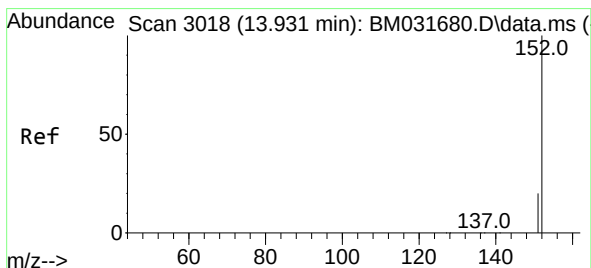
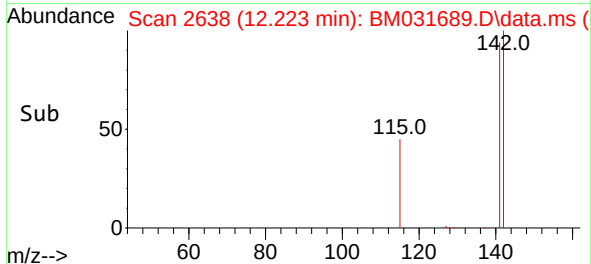
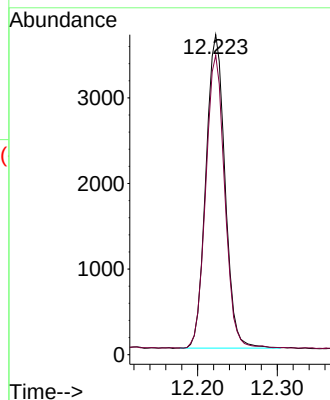
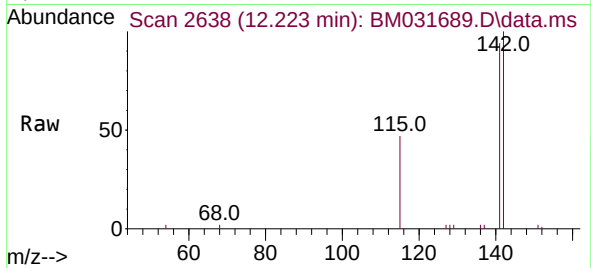
#8
1-Methylnaphthalene
Concen: 0.592 ng/ul
RT: 12.223 min Scan# 2638
Delta R.T. -0.004 min
Lab File: BM031689.D
Acq: 12 Aug 2021 22:31

Tgt Ion:142 Resp: 6091
Ion Ratio Lower Upper
142 100
141 93.0 74.1 111.1

Instrument :
BNA_M
ClientSampleId :
C00C9DL

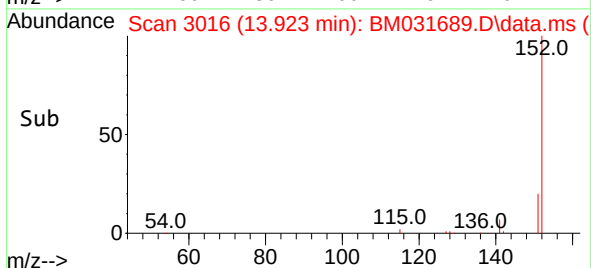
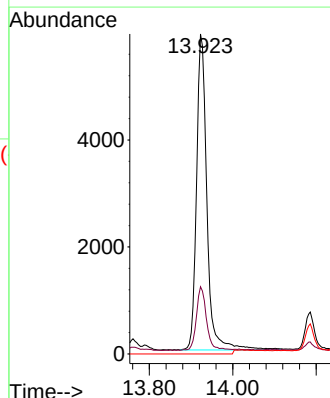
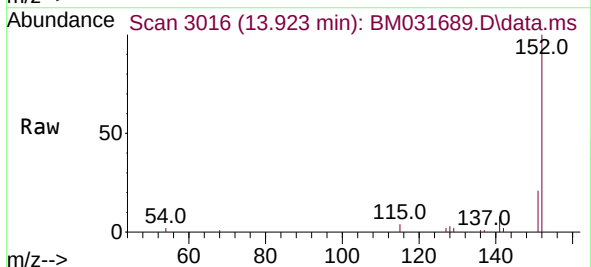
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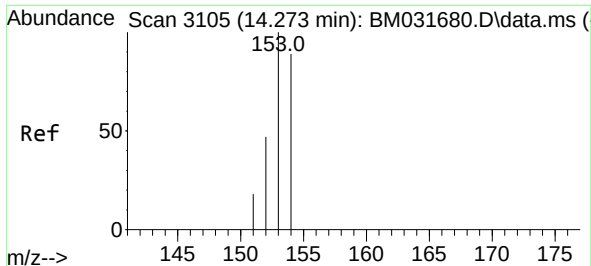
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#10
Acenaphthylene
Concen: 0.748 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031689.D
Acq: 12 Aug 2021 22:31

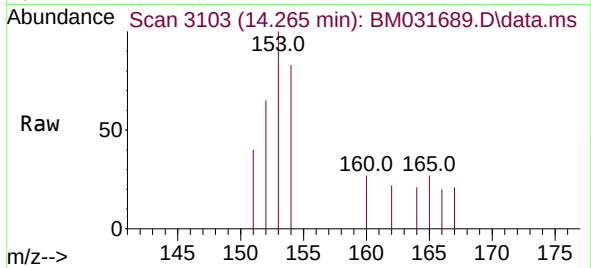
Tgt Ion:152 Resp: 9461
Ion Ratio Lower Upper
152 100
151 21.0 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.062 ng/ul m
RT: 14.265 min Scan# 3103
Delta R.T. -0.007 min
Lab File: BM031689.D
Acq: 12 Aug 2021 22:31

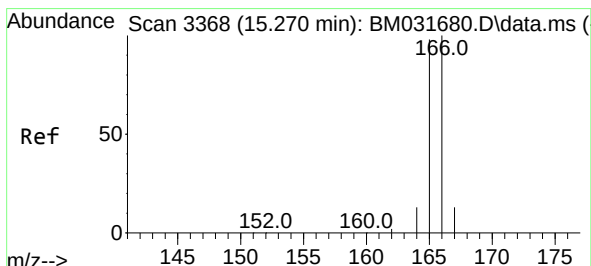
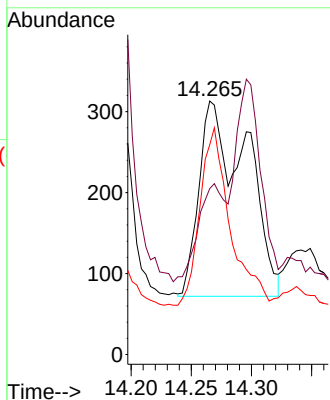
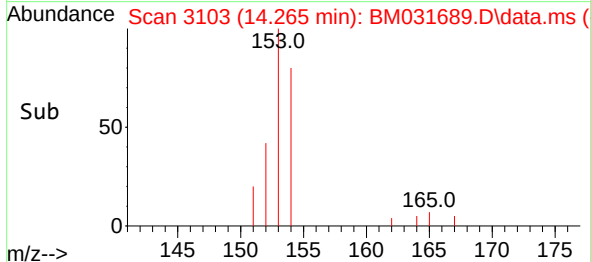
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ClientSampleId :
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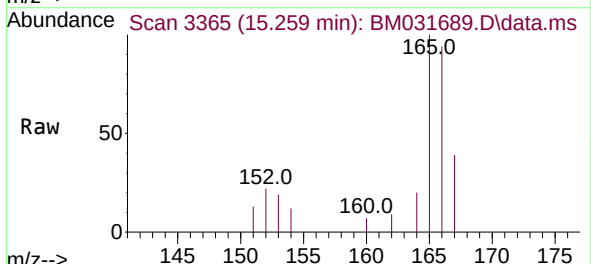
Tgt Ion:153 Resp: 661
Ion Ratio Lower Upper
153 100
152 65.5 40.7 61.1#
154 82.7 70.2 105.2

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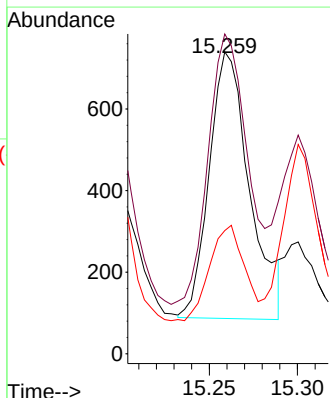
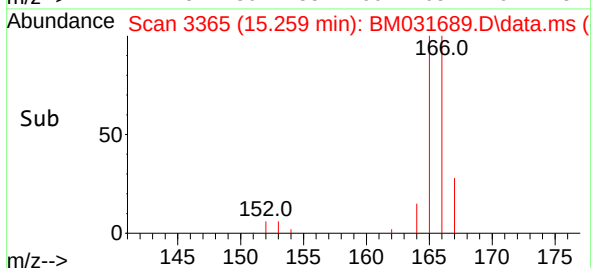
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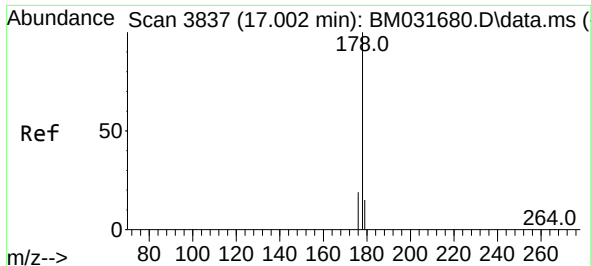


#12
Fluorene
Concen: 0.085 ng/ul
RT: 15.259 min Scan# 3365
Delta R.T. -0.011 min
Lab File: BM031689.D
Acq: 12 Aug 2021 22:31



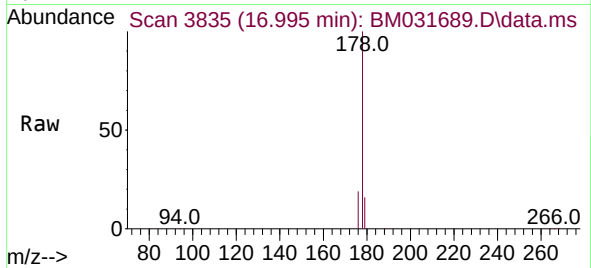
Tgt Ion:166 Resp: 1039
Ion Ratio Lower Upper
166 100
165 105.9 78.0 117.0
167 40.8 12.0 18.0#





#15
Phenanthrene
Concen: 2.318 ng/u1
RT: 16.995 min Scan# 3835
Delta R.T. -0.007 min
Lab File: BM031689.D
Acq: 12 Aug 2021 22:31

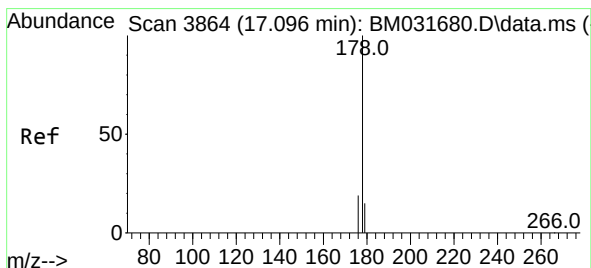
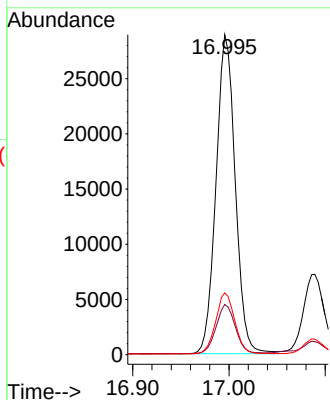
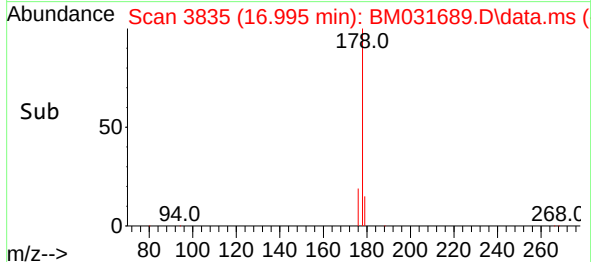
Instrument :
BNA_M
ClientSampled :
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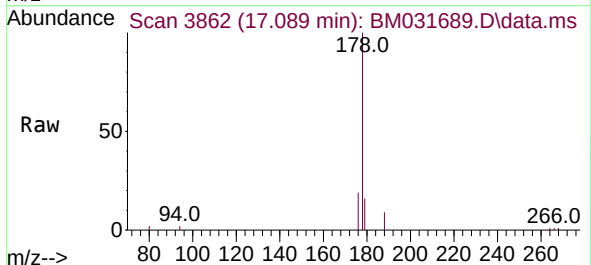
Tgt Ion:178 Resp: 40129
Ion Ratio Lower Upper
178 100
179 15.7 13.3 19.9
176 19.3 16.2 24.4

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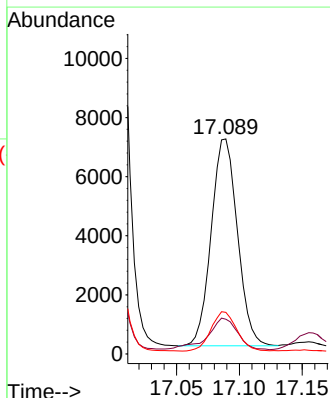
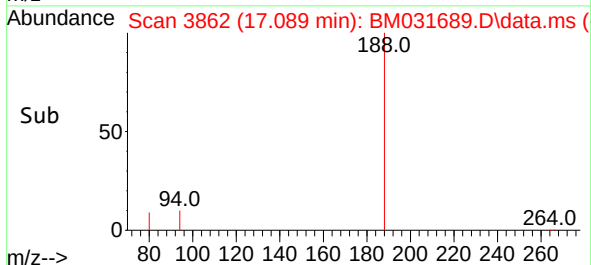
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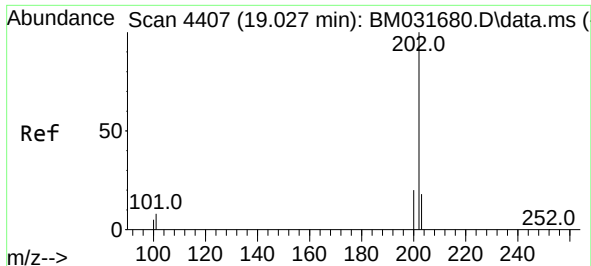


#16
Anthracene
Concen: 0.628 ng/u1
RT: 17.089 min Scan# 3862
Delta R.T. -0.007 min
Lab File: BM031689.D
Acq: 12 Aug 2021 22:31



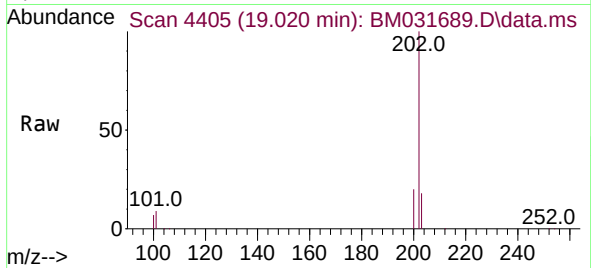
Tgt Ion:178 Resp: 10173
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.6
176 19.4 15.6 23.4





#19
Fluoranthene
Concen: 3.539 ng/ul
RT: 19.020 min Scan# 4405
Delta R.T. -0.007 min
Lab File: BM031689.D
Acq: 12 Aug 2021 22:31

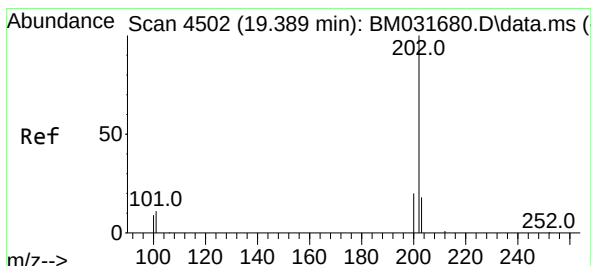
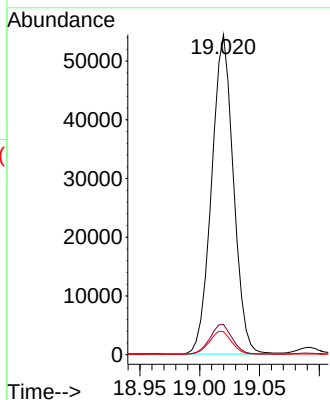
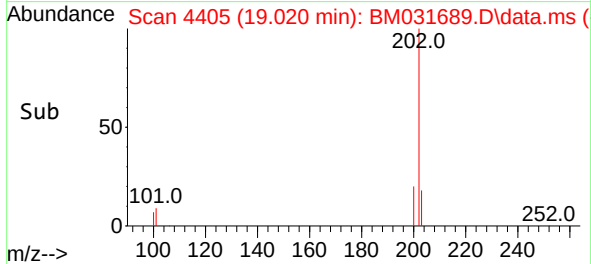
Instrument :
BNA_M
ClientSampleId :
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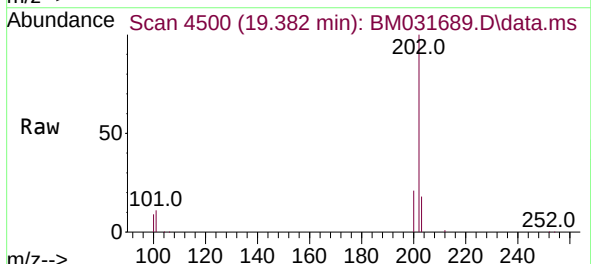
Tgt Ion:202 Resp: 69285
Ion Ratio Lower Upper
202 100
101 9.5 6.6 10.0
100 7.2 5.4 8.0

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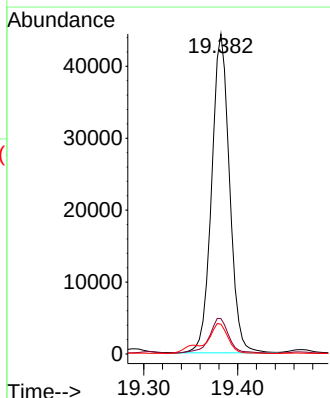
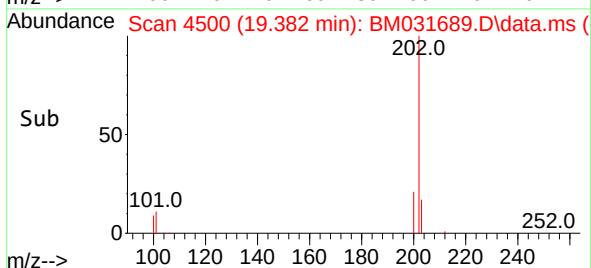
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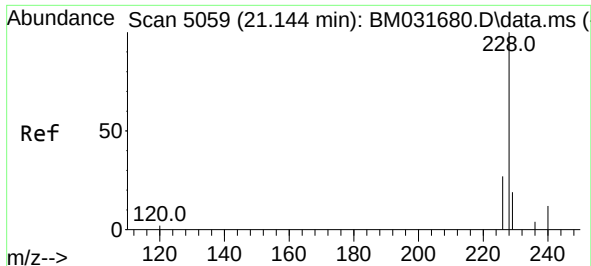


#20
Pyrene
Concen: 2.954 ng/ul
RT: 19.382 min Scan# 4500
Delta R.T. -0.007 min
Lab File: BM031689.D
Acq: 12 Aug 2021 22:31



Tgt Ion:202 Resp: 58669
Ion Ratio Lower Upper
202 100
101 11.0 7.8 11.6
100 9.3 6.6 10.0





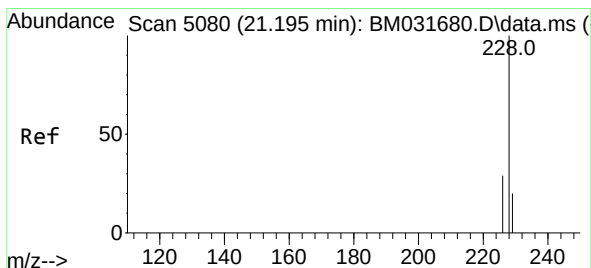
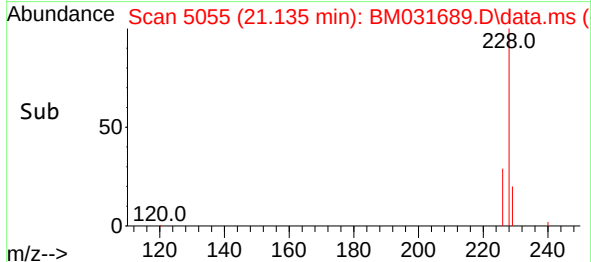
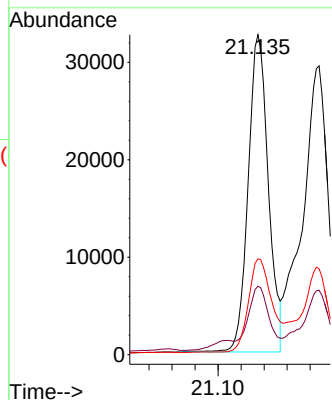
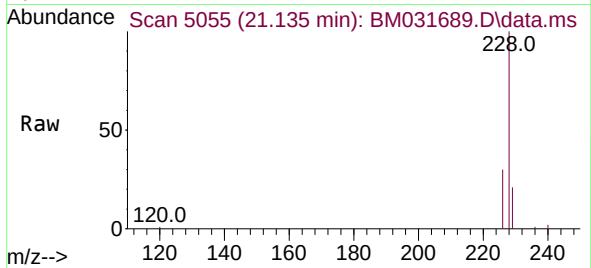
#21
Benzo(a)anthracene
Concen: 2.139 ng/u1
RT: 21.135 min Scan# 5055
Delta R.T. -0.009 min
Lab File: BM031689.D
Acq: 12 Aug 2021 22:31

Tgt Ion:228	Resp:	39594
Ion Ratio	Lower	Upper
228	100	
229	21.4	15.6 23.4
226	29.9	21.7 32.5

Instrument :
BNA_M
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C00C9DL

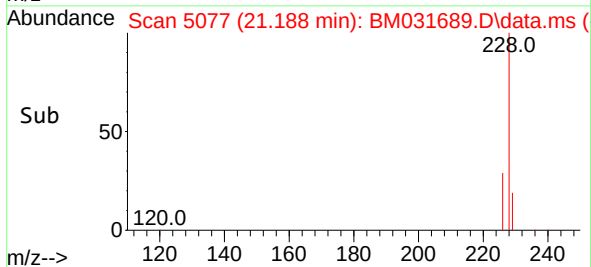
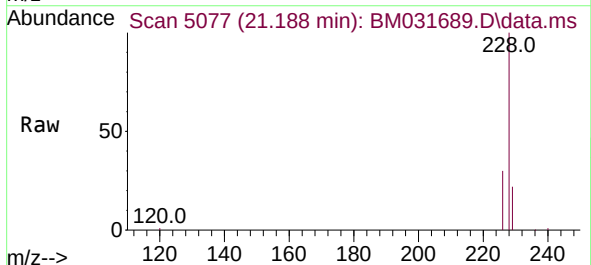
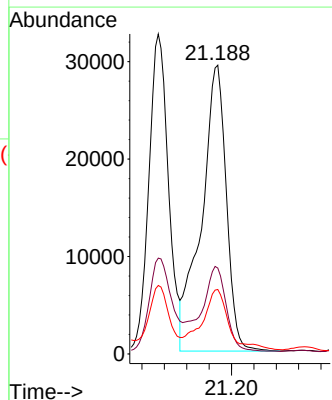
Manual Integrations
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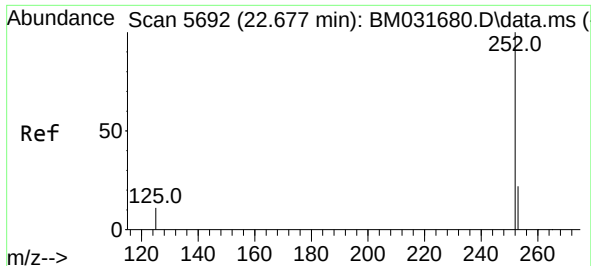
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#22
Chrysene
Concen: 2.372 ng/u1
RT: 21.188 min Scan# 5077
Delta R.T. -0.007 min
Lab File: BM031689.D
Acq: 12 Aug 2021 22:31

Tgt Ion:228	Resp:	45445
Ion Ratio	Lower	Upper
228	100	
226	29.8	24.7 37.1
229	22.3	16.2 24.2





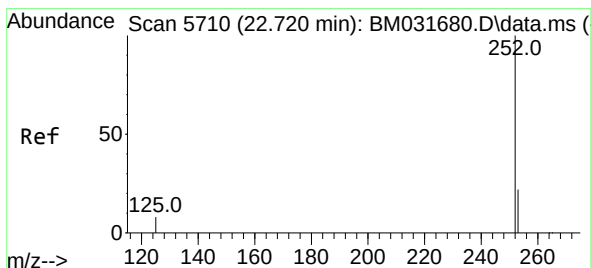
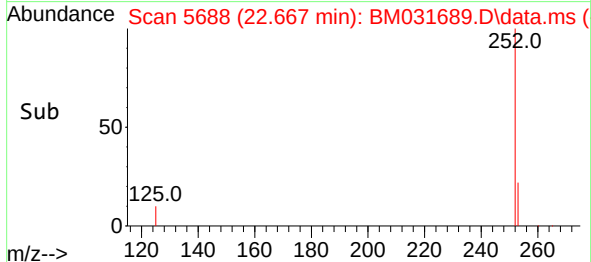
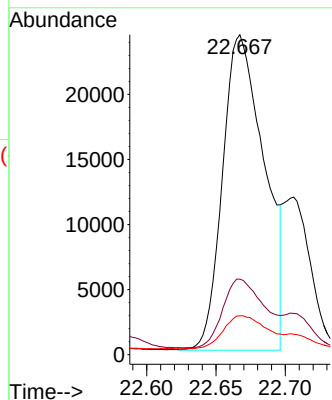
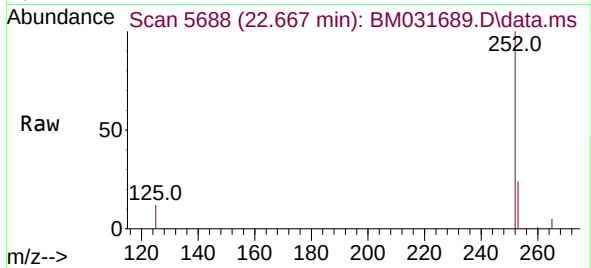
#24
Benzo(b)fluoranthene
Concen: 2.509 ng/ul m
RT: 22.667 min Scan# 5688
Delta R.T. -0.009 min
Lab File: BM031689.D
Acq: 12 Aug 2021 22:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	53.0
125	12.2	0.0	22.8

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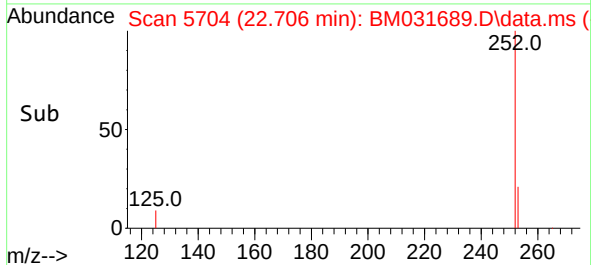
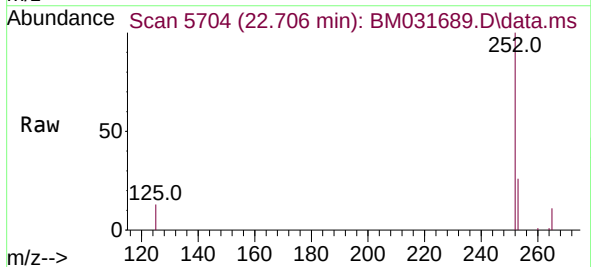
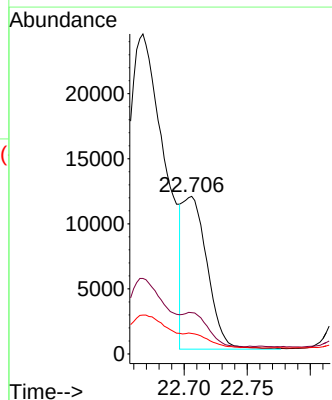
Manual Integrations
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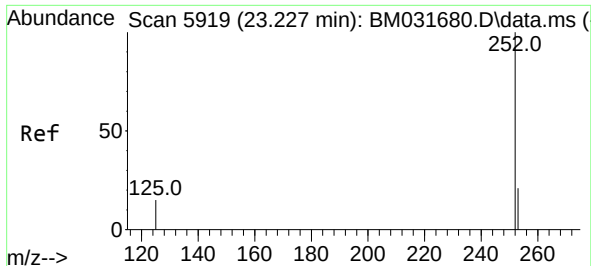
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#25
Benzo(k)fluoranthene
Concen: 0.767 ng/ul m
RT: 22.706 min Scan# 5704
Delta R.T. -0.014 min
Lab File: BM031689.D
Acq: 12 Aug 2021 22:31

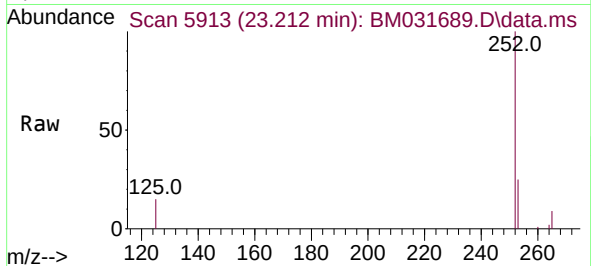
Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	21.3	31.9
125	13.0	8.8	13.2





#26
Benzo(a)pyrene
Concen: 1.555 ng/ul
RT: 23.212 min Scan# 5913
Delta R.T. -0.014 min
Lab File: BM031689.D
Acq: 12 Aug 2021 22:31

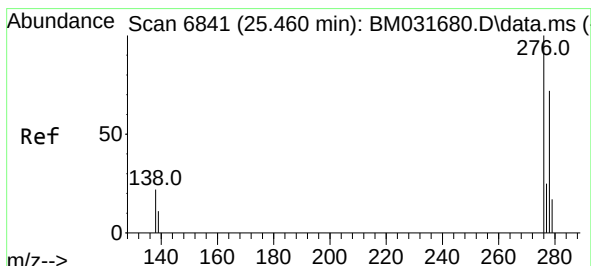
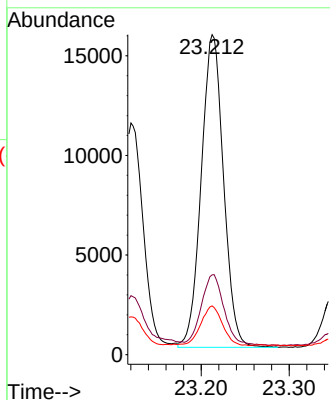
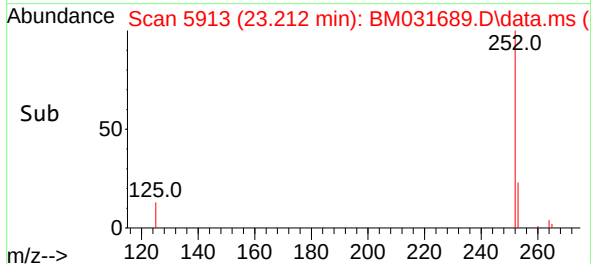
Instrument :
BNA_M
ClientSampleID :
C00C9DL



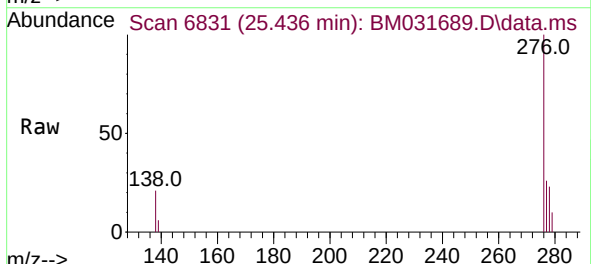
Tgt Ion:	252	Resp:	27604
Ion Ratio	Lower	Upper	
252	100		
253	24.9	22.4	33.6
125	15.2	13.0	19.4

Manual Integrations
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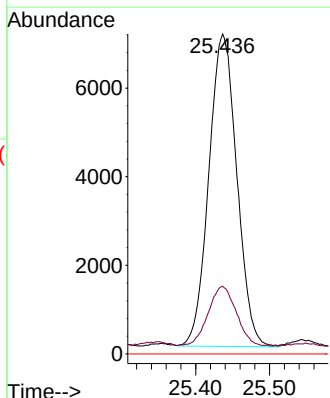
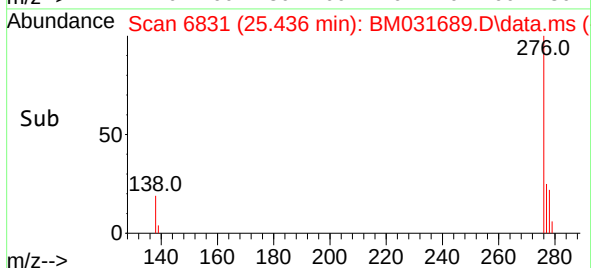
mohammad
8/13/2021 5:14:34 PM

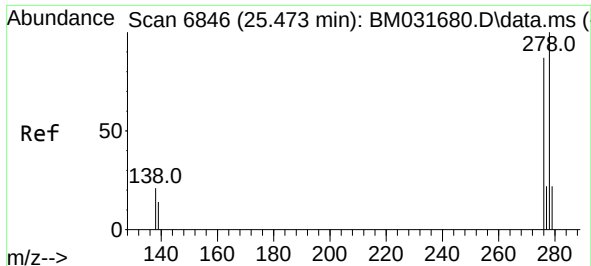


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.808 ng/ul
RT: 25.436 min Scan# 6831
Delta R.T. -0.024 min
Lab File: BM031689.D
Acq: 12 Aug 2021 22:31

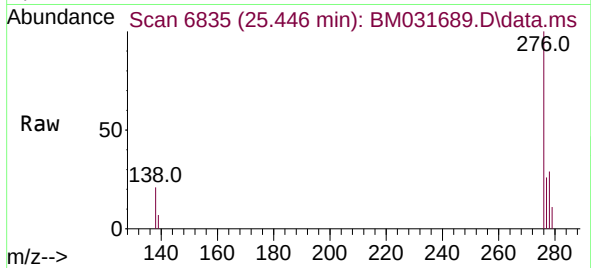


Tgt Ion:	276	Resp:	18544
Ion Ratio	Lower	Upper	
276	100		
138	19.4	15.8	23.8
227	0.0	0.0	0.0

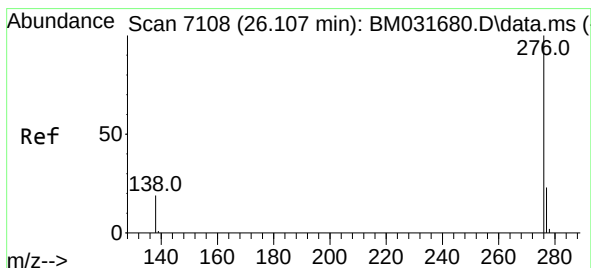
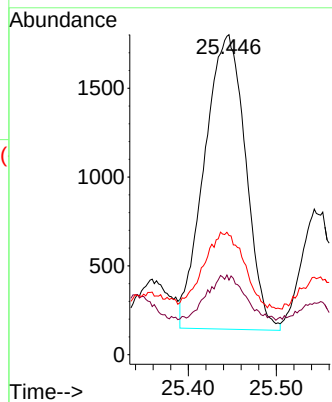
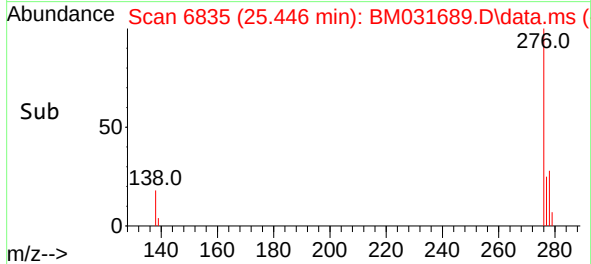




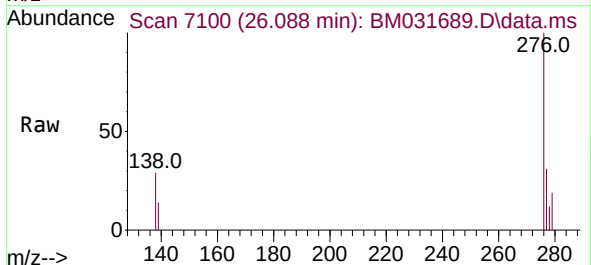
#28
Dibenzo(a,h)anthracene
Concen: 0.291 ng/ul
RT: 25.446 min Scan# 6835
Delta R.T. -0.026 min
Lab File: BM031689.D
Acq: 12 Aug 2021 22:31



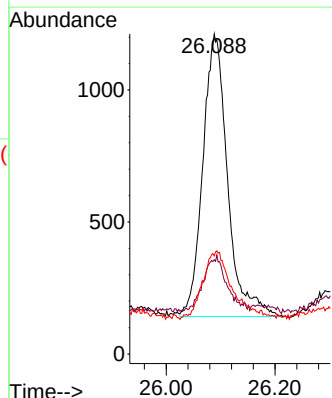
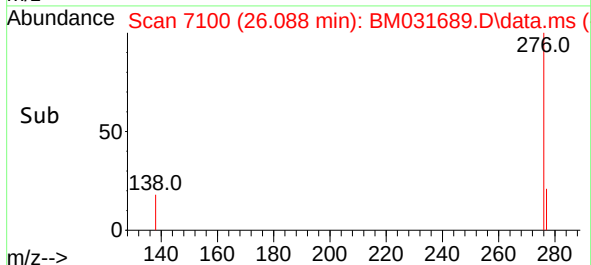
Tgt Ion: 278 Resp: 5383
Ion Ratio Lower Upper
278 100
139 23.3 13.3 19.9#
279 37.2 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.173 ng/ul
RT: 26.088 min Scan# 7100
Delta R.T. -0.019 min
Lab File: BM031689.D
Acq: 12 Aug 2021 22:31



Tgt Ion: 276 Resp: 3379
Ion Ratio Lower Upper
276 100
138 29.5 15.4 23.2#
277 30.6 19.9 29.9#



Instrument :
BNA_M
ClientSampleId :
C00C9DL

Manual Integrations
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mohammad
8/13/2021 5:14:34 PM