

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031682.D
 Acq On : 12 Aug 2021 18:09
 Operator : CG/JU
 Sample : M3182-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00C5

Manual Integrations
 APPROVED

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Quant Time: Aug 12 18:42:59 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	1100	0.400	ng/ul	0.00
4) Naphthalene-d8	10.334	136	3905	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.204	164	2252	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	4191	0.400	ng/ul #	-0.01
17) Chrysene-d12	21.154	240	3675	0.400	ng/ul #	0.00
23) Perylene-d12	23.309	264	3529	0.400	ng/ul #	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.185	96	2177	1.782	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	999	0.152	ng/ul	0.00
18) Fluoranthene-d10	18.989	212	2110	0.172	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.378	128	7483	0.643	ng/ul	99
7) 2-Methylnaphthalene	12.002	142	5440	0.685	ng/ul	98
8) 1-Methylnaphthalene	12.223	142	2952	0.376	ng/ul	98
10) Acenaphthylene	13.927	152	5819	0.607	ng/ul	100
11) Acenaphthene	14.265	153	835	0.103	ng/ul	95
12) Fluorene	15.259	166	1670	0.180	ng/ul#	92
15) Phenanthrene	16.999	178	45043	3.385	ng/ul	97
16) Anthracene	17.089	178	8841	0.710	ng/ul	99
19) Fluoranthene	19.020	202	126041	8.032	ng/ul	98
20) Pyrene	19.386	202	104879	6.589	ng/ul	99
21) Benzo(a)anthracene	21.137	228	53984	3.638	ng/ul	98
22) Chrysene	21.190	228	64402	4.195	ng/ul	97
24) Benzo(b)fluoranthene	22.672	252	92509m	5.818	ng/ul	
25) Benzo(k)fluoranthene	22.711	252	31157m	1.897	ng/ul	
26) Benzo(a)pyrene	23.219	252	54894m	3.942	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.441	276	41687	2.316	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.451	278	9932	0.685	ng/ul#	92
29) Benzo(g,h,i)perylene	26.093	276	9625	0.627	ng/ul#	94

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

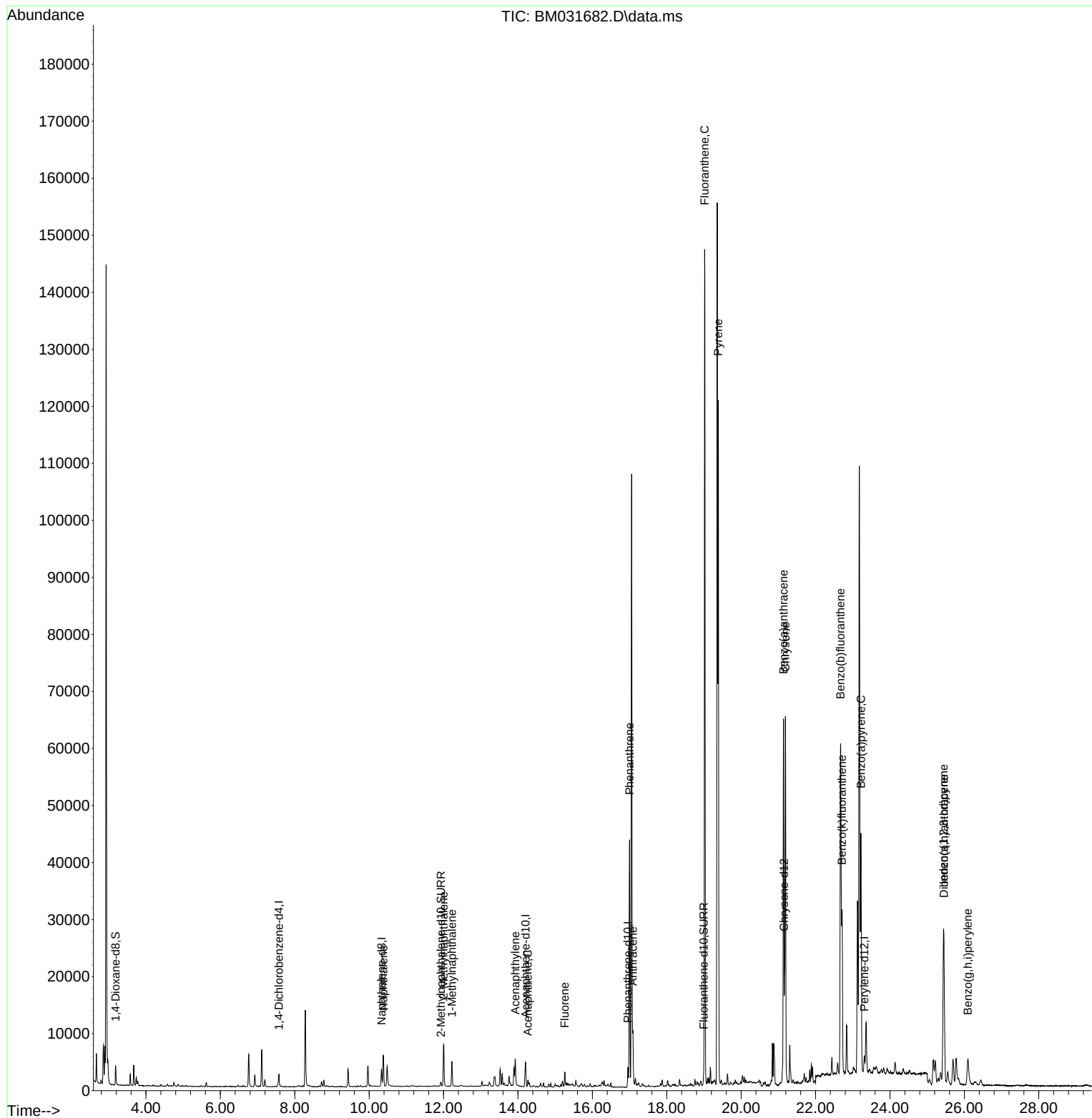
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Data File : BM031682.D
Acq On : 12 Aug 2021 18:09
Operator : CG/JU
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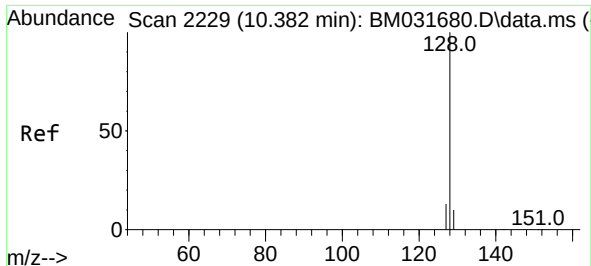
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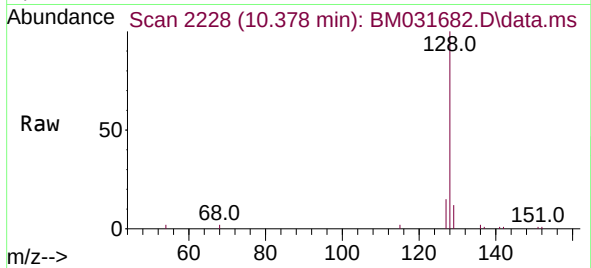
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Quant Time: Aug 12 18:42:59 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

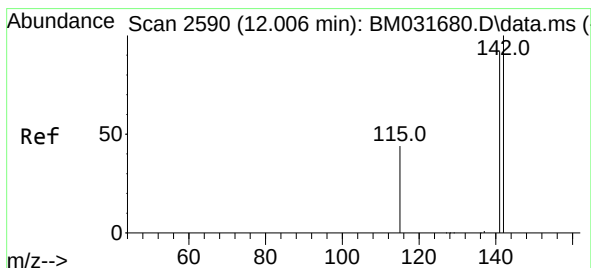
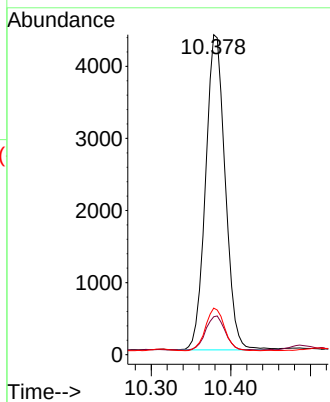
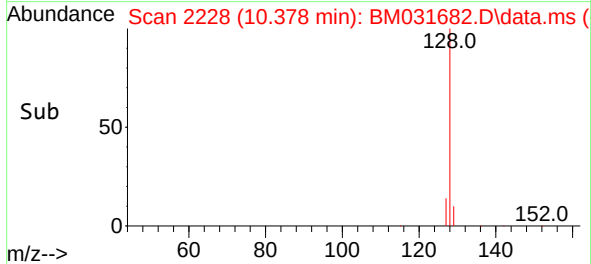




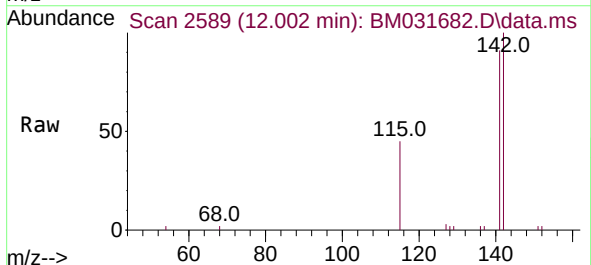
#5
Naphthalene
Concen: 0.643 ng/ul
RT: 10.378 min Scan# 2228
Delta R.T. -0.004 min
Lab File: BM031682.D
Acq: 12 Aug 2021 18:09



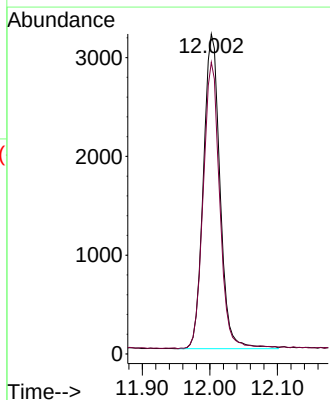
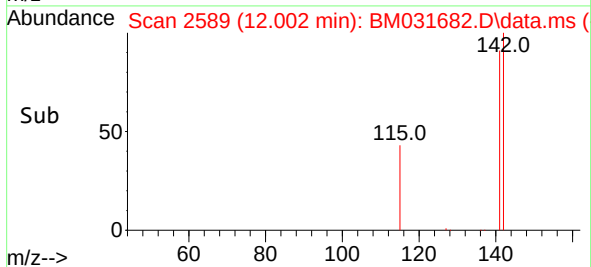
Tgt Ion:128 Resp: 7483
Ion Ratio Lower Upper
128 100
129 11.9 10.0 15.0
127 14.6 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.685 ng/ul
RT: 12.002 min Scan# 2589
Delta R.T. -0.004 min
Lab File: BM031682.D
Acq: 12 Aug 2021 18:09



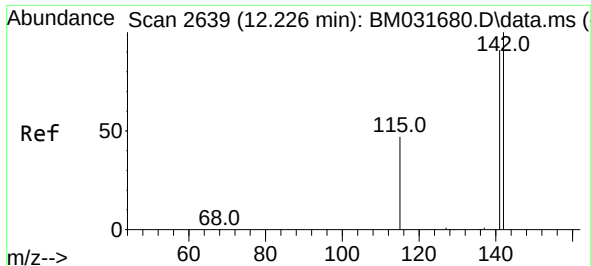
Tgt Ion:142 Resp: 5440
Ion Ratio Lower Upper
142 100
141 90.9 71.4 107.0



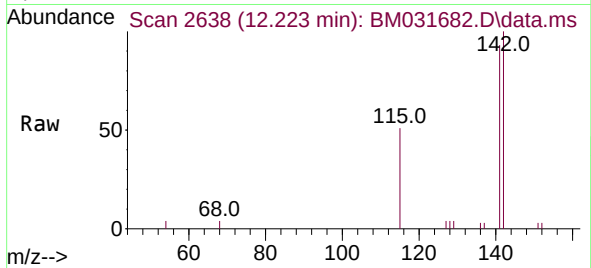
Instrument :
BNA_M
ClientSampled :
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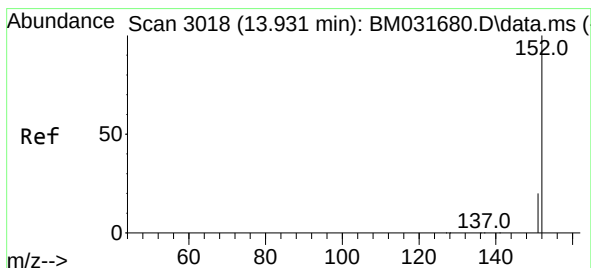
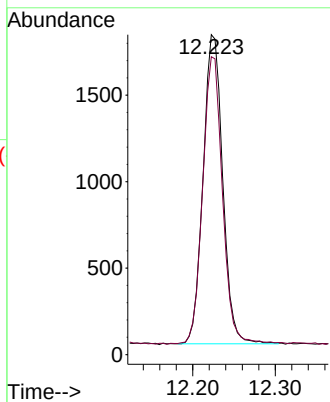
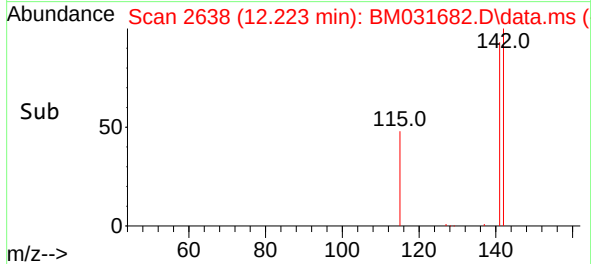
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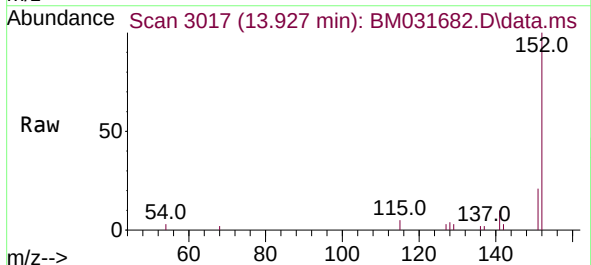
#8
1-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.223 min Scan# 2638
Delta R.T. -0.004 min
Lab File: BM031682.D
Acq: 12 Aug 2021 18:09



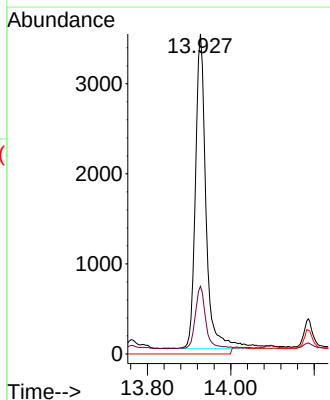
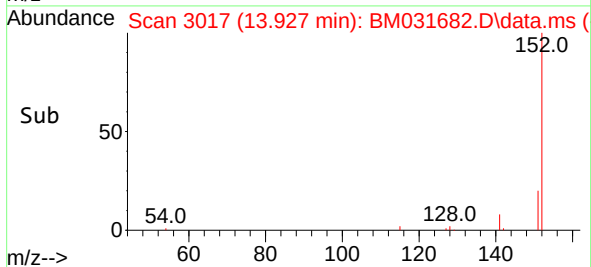
Tgt Ion:142 Resp: 2952
Ion Ratio Lower Upper
142 100
141 94.0 74.1 111.1



#10
Acenaphthylene
Concen: 0.607 ng/ul
RT: 13.927 min Scan# 3017
Delta R.T. -0.004 min
Lab File: BM031682.D
Acq: 12 Aug 2021 18:09



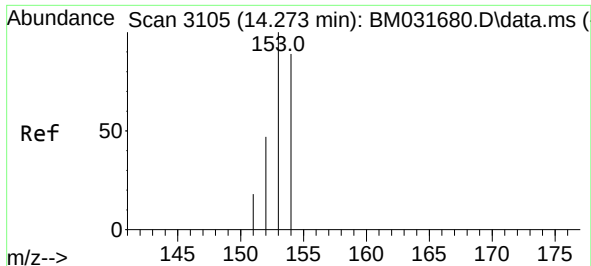
Tgt Ion:152 Resp: 5819
Ion Ratio Lower Upper
152 100
151 21.1 16.9 25.3
153 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
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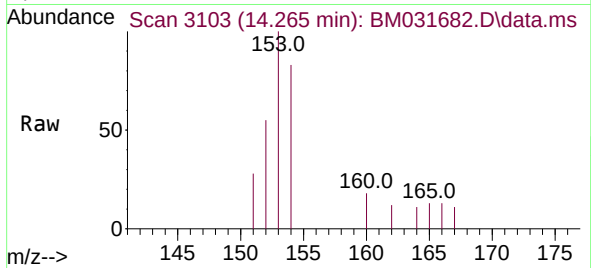
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#11
Acenaphthene
Concen: 0.103 ng/ul
RT: 14.265 min Scan# 3103
Delta R.T. -0.007 min
Lab File: BM031682.D
Acq: 12 Aug 2021 18:09

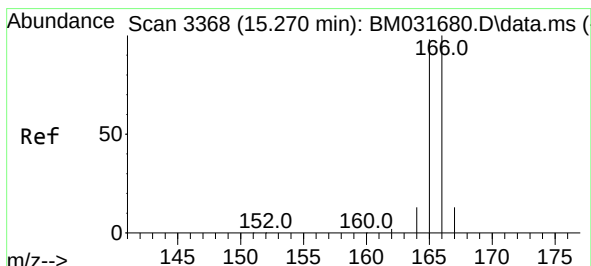
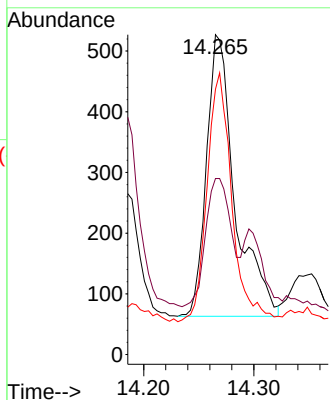
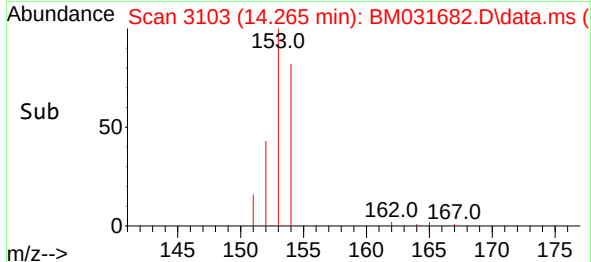
Instrument :
BNA_M
ClientSampled :
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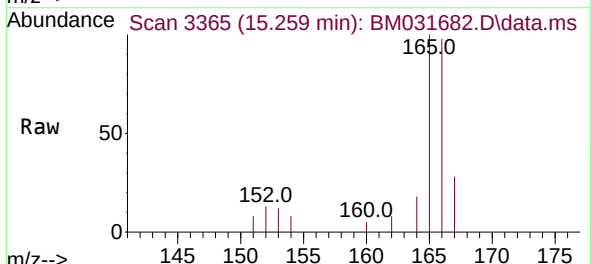
Tgt Ion	Ratio	Lower	Upper
153	100		
152	55.0	40.7	61.1
154	82.9	70.2	105.2

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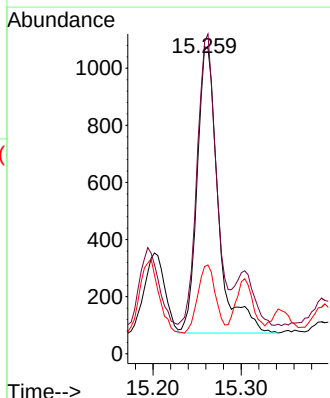
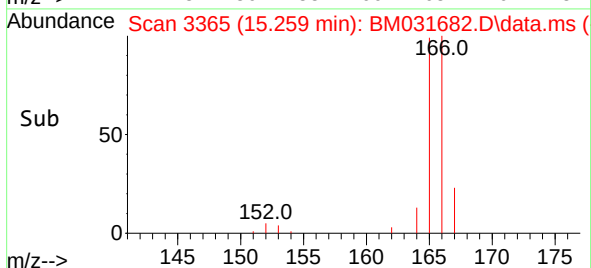
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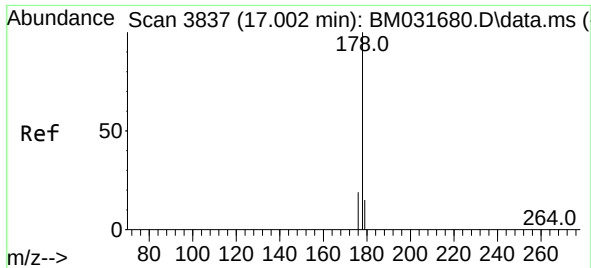


#12
Fluorene
Concen: 0.180 ng/ul
RT: 15.259 min Scan# 3365
Delta R.T. -0.011 min
Lab File: BM031682.D
Acq: 12 Aug 2021 18:09



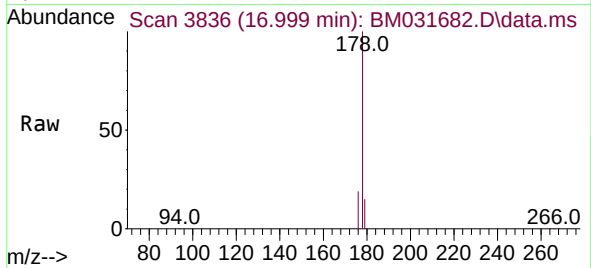
Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.6	78.0	117.0
167	28.5	12.0	18.0





#15
Phenanthrene
Concen: 3.385 ng/ul
RT: 16.999 min Scan# 3836
Delta R.T. -0.003 min
Lab File: BM031682.D
Acq: 12 Aug 2021 18:09

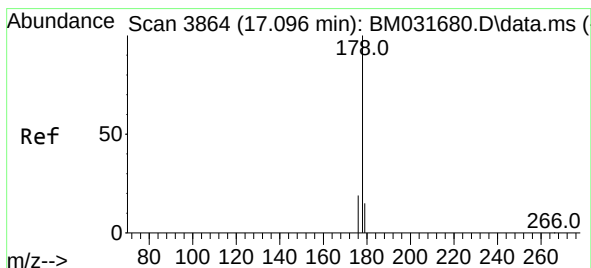
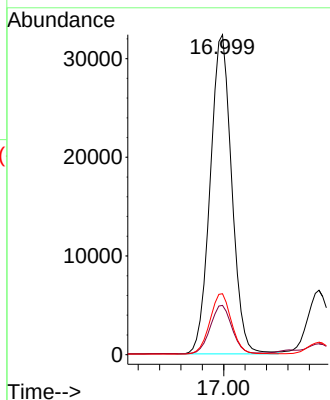
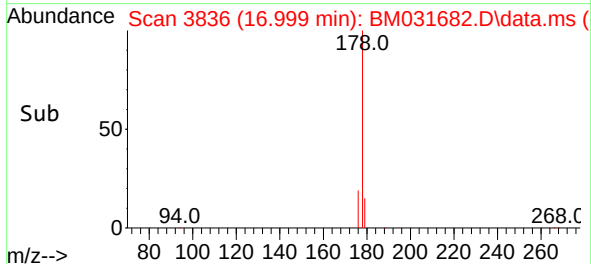
Instrument :
BNA_M
ClientSampled :
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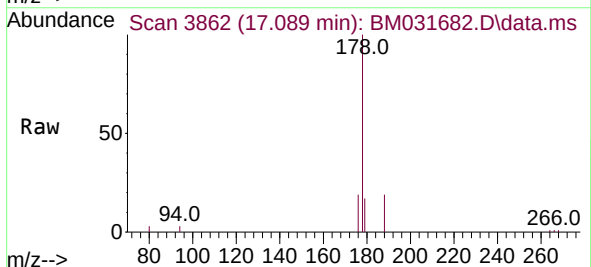
Tgt Ion:178 Resp: 45043
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.0 16.2 24.4

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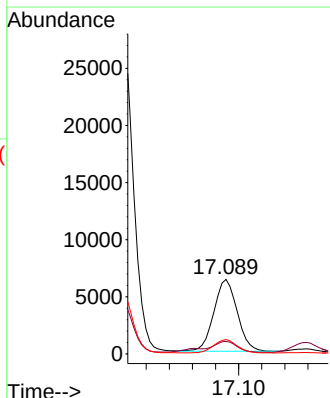
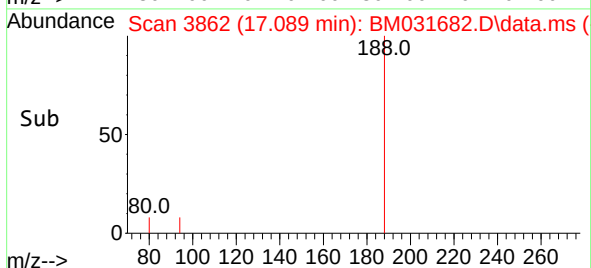
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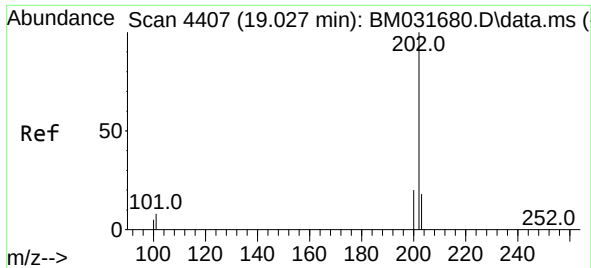


#16
Anthracene
Concen: 0.710 ng/ul
RT: 17.089 min Scan# 3862
Delta R.T. -0.007 min
Lab File: BM031682.D
Acq: 12 Aug 2021 18:09

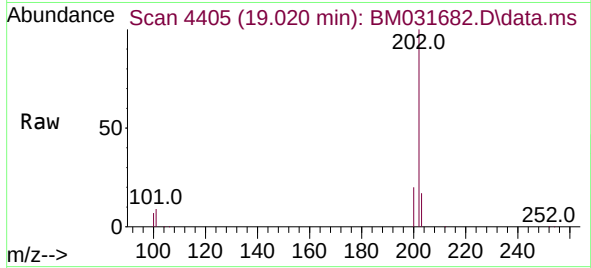


Tgt Ion:178 Resp: 8841
Ion Ratio Lower Upper
178 100
179 16.8 13.0 19.6
176 19.3 15.6 23.4

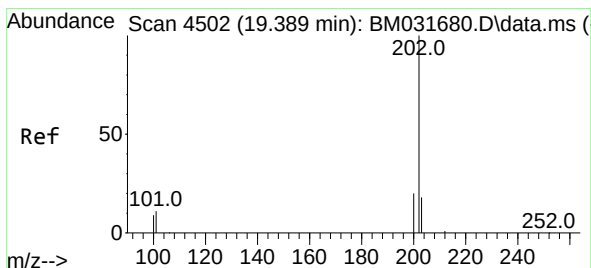
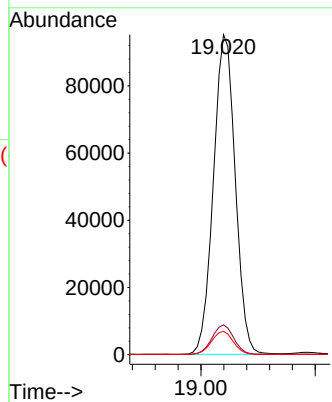
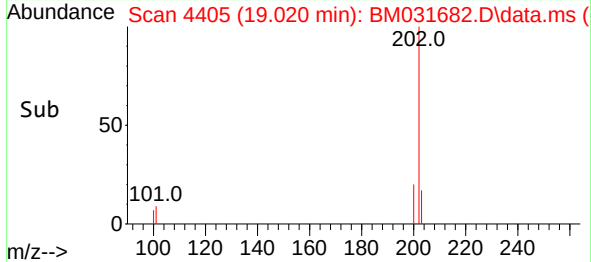




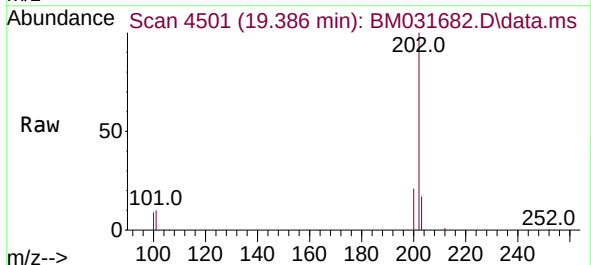
#19
Fluoranthene
Concen: 8.032 ng/u1
RT: 19.020 min Scan# 4405
Delta R.T. -0.007 min
Lab File: BM031682.D
Acq: 12 Aug 2021 18:09



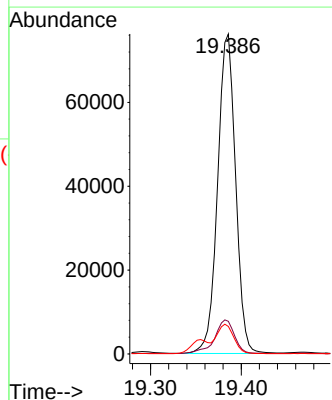
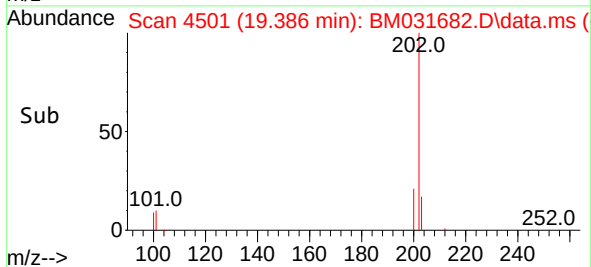
Tgt Ion:202 Resp: 126041
Ion Ratio Lower Upper
202 100
101 9.4 6.6 10.0
100 7.3 5.4 8.0



#20
Pyrene
Concen: 6.589 ng/u1
RT: 19.386 min Scan# 4501
Delta R.T. -0.004 min
Lab File: BM031682.D
Acq: 12 Aug 2021 18:09



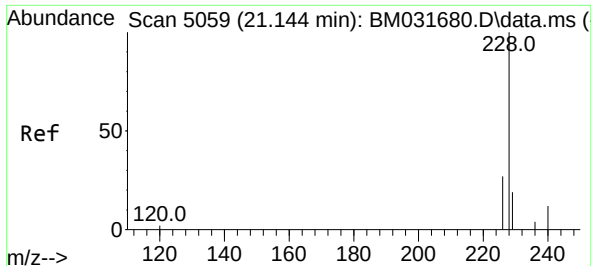
Tgt Ion:202 Resp: 104879
Ion Ratio Lower Upper
202 100
101 10.2 7.8 11.6
100 8.6 6.6 10.0



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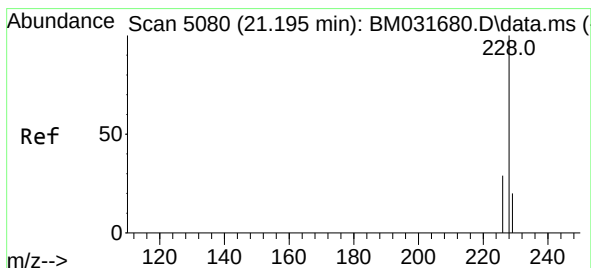
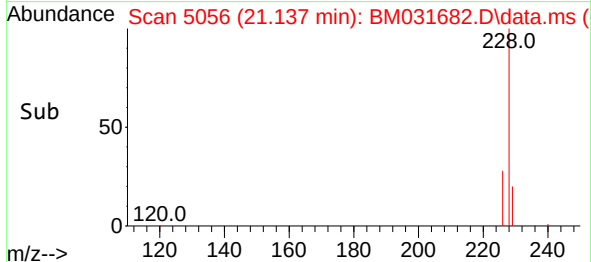
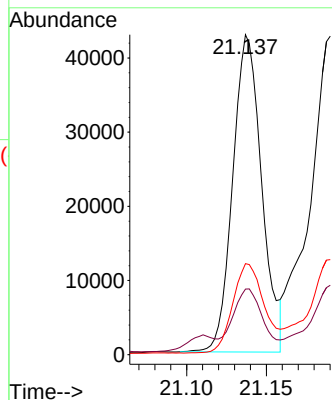
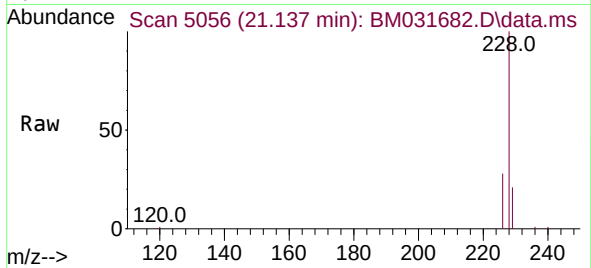
#21
Benzo(a)anthracene
Concen: 3.638 ng/ul
RT: 21.137 min Scan# 5056
Delta R.T. -0.007 min
Lab File: BM031682.D
Acq: 12 Aug 2021 18:09

Tgt Ion:228 Resp: 53984
Ion Ratio Lower Upper
228 100
229 20.5 15.6 23.4
226 28.5 21.7 32.5

Instrument :
BNA_M
ClientSampled :
C00C5

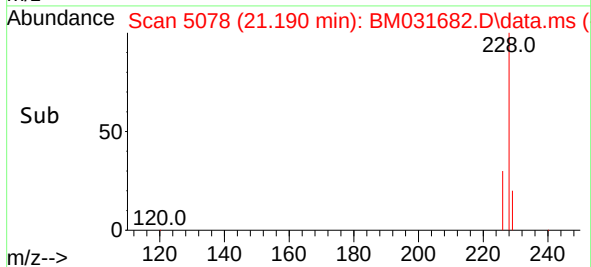
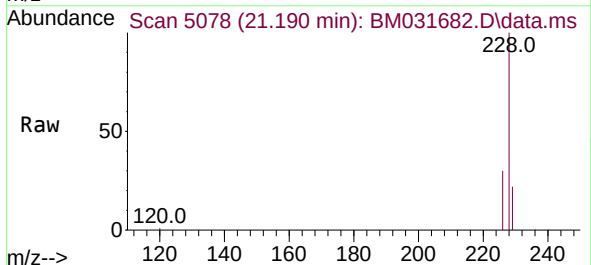
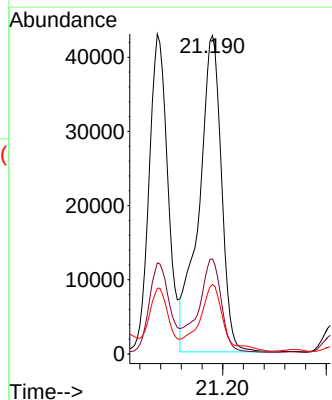
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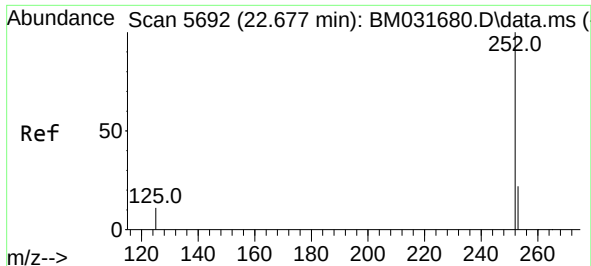
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#22
Chrysene
Concen: 4.195 ng/ul
RT: 21.190 min Scan# 5078
Delta R.T. -0.005 min
Lab File: BM031682.D
Acq: 12 Aug 2021 18:09

Tgt Ion:228 Resp: 64402
Ion Ratio Lower Upper
228 100
226 29.8 24.7 37.1
229 21.8 16.2 24.2





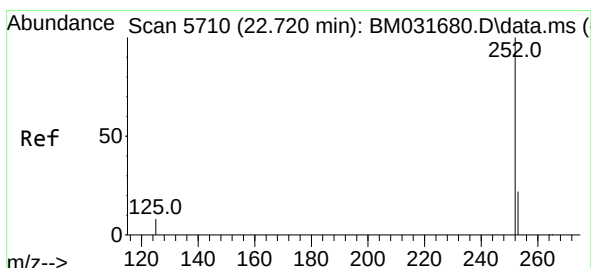
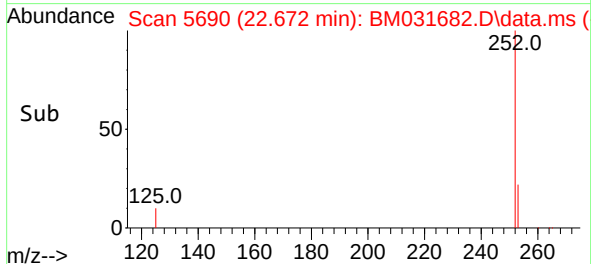
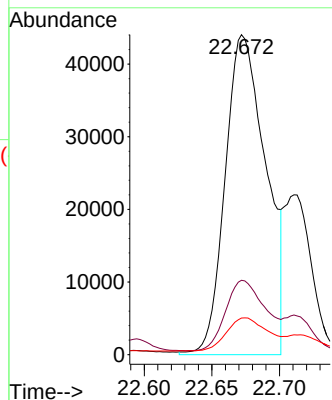
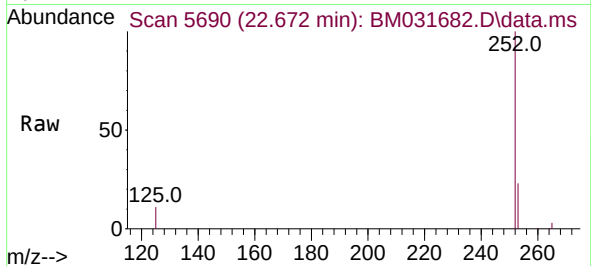
#24
Benzo(b)fluoranthene
Concen: 5.818 ng/ul m
RT: 22.672 min Scan# 5690
Delta R.T. -0.005 min
Lab File: BM031682.D
Acq: 12 Aug 2021 18:09

Tgt Ion:	252	Resp:	92509
Ion Ratio	Lower	Upper	
252	100		
253	23.3	0.0	53.0
125	11.4	0.0	22.8

Instrument :
BNA_M
ClientSampled :
C00C5

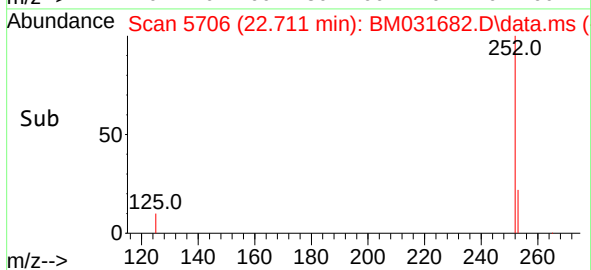
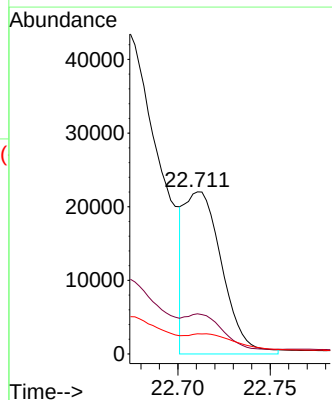
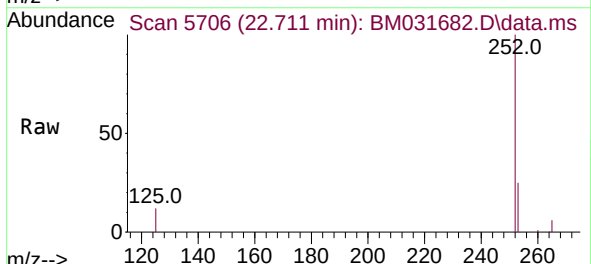
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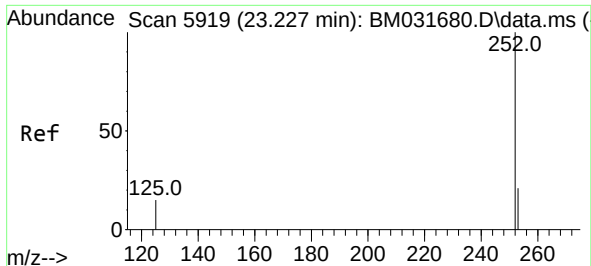
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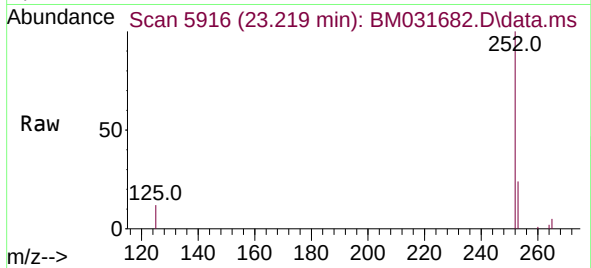
#25
Benzo(k)fluoranthene
Concen: 1.897 ng/ul m
RT: 22.711 min Scan# 5706
Delta R.T. -0.010 min
Lab File: BM031682.D
Acq: 12 Aug 2021 18:09

Tgt Ion:	252	Resp:	31157
Ion Ratio	Lower	Upper	
252	100		
253	24.8	21.3	31.9
125	12.4	8.8	13.2

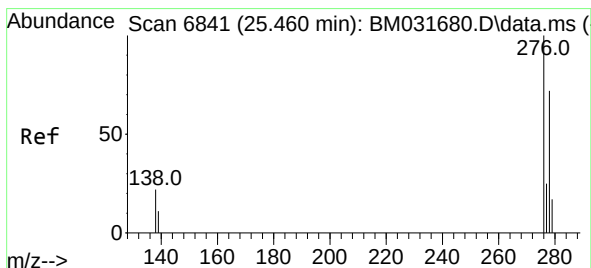
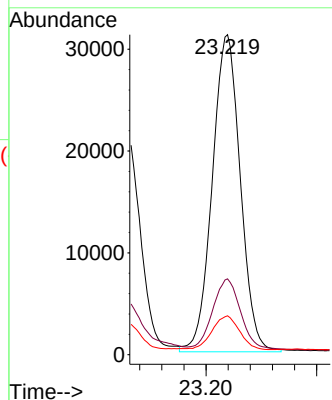
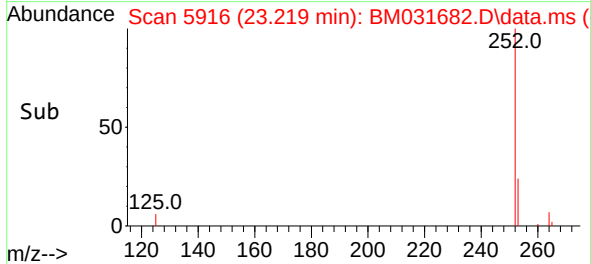




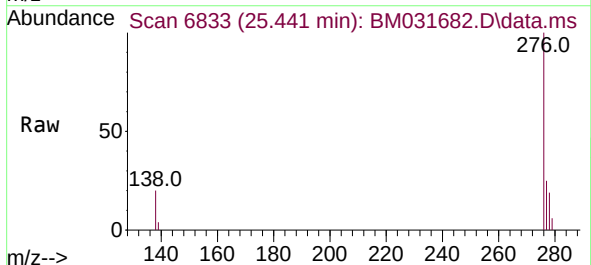
#26
Benzo(a)pyrene
Concen: 3.942 ng/ul m
RT: 23.219 min Scan# 5916
Delta R.T. -0.007 min
Lab File: BM031682.D
Acq: 12 Aug 2021 18:09



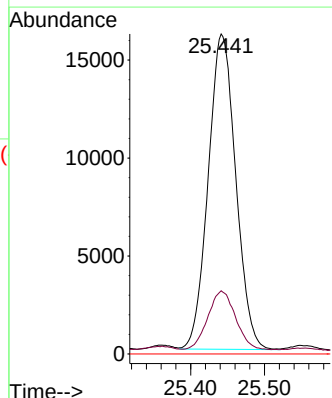
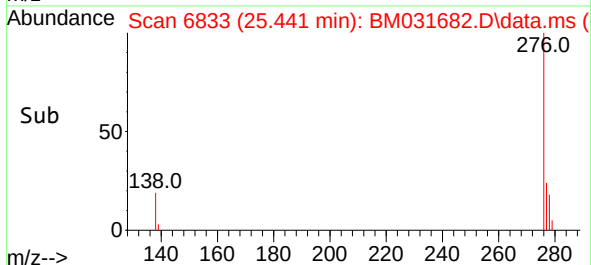
Tgt Ion: 252 Resp: 54894
Ion Ratio Lower Upper
252 100
253 23.7 22.4 33.6
125 12.2 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.316 ng/ul
RT: 25.441 min Scan# 6833
Delta R.T. -0.019 min
Lab File: BM031682.D
Acq: 12 Aug 2021 18:09



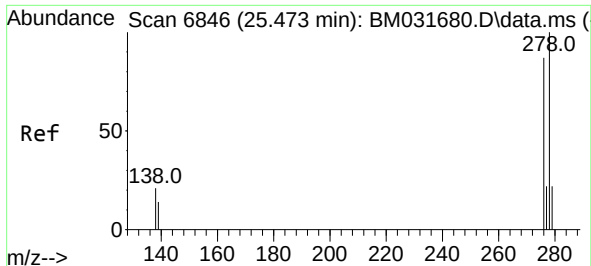
Tgt Ion: 276 Resp: 41687
Ion Ratio Lower Upper
276 100
138 18.9 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
C00C5

Manual Integrations
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8/13/2021 5:14:11 PM



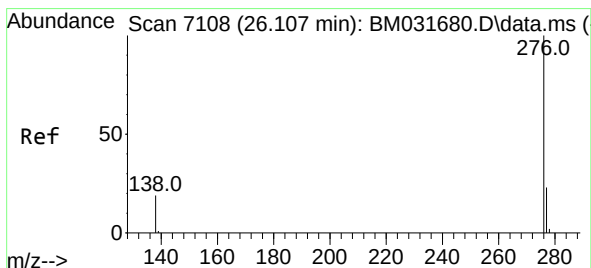
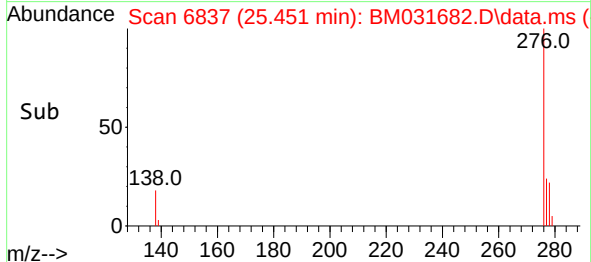
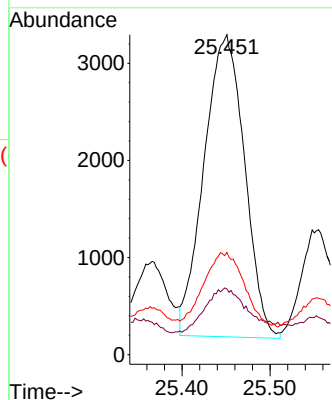
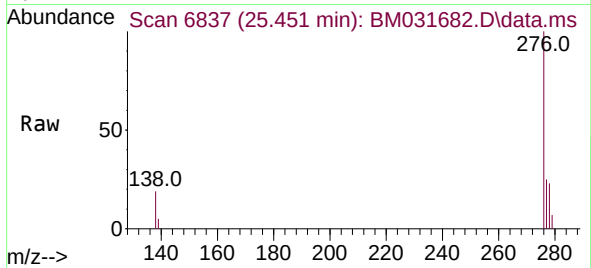
#28
Dibenzo(a,h)anthracene
Concen: 0.685 ng/ul
RT: 25.451 min Scan# 6837
Delta R.T. -0.022 min
Lab File: BM031682.D
Acq: 12 Aug 2021 18:09

Tgt Ion:278 Resp: 9932
Ion Ratio Lower Upper
278 100
139 20.6 13.3 19.9#
279 32.0 22.8 34.2

Instrument :
BNA_M
ClientSampled :
C00C5

Manual Integrations
APPROVED

mohammad
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#29
Benzo(g,h,i)perylene
Concen: 0.627 ng/ul
RT: 26.093 min Scan# 7102
Delta R.T. -0.014 min
Lab File: BM031682.D
Acq: 12 Aug 2021 18:09

Tgt Ion:276 Resp: 9625
Ion Ratio Lower Upper
276 100
138 23.2 15.4 23.2#
277 27.1 19.9 29.9

