

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031707.D
 Acq On : 13 Aug 2021 10:12
 Operator : CG/JU
 Sample : M3182-20DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00D8DL

Manual Integrations
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Quant Time: Aug 13 11:13:46 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	7.569	152	1246	0.400	ng/ul	0.00
4) Naphthalene-d8	10.329	136	4636	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.201	164	2543	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	4919	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.149	240	4416	0.400	ng/ul	# 0.00
23) Perylene-d12	23.300	264	4397	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	592	0.428	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	257	0.033	ng/ul	0.00
18) Fluoranthene-d10	18.986	212	514	0.035	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.379	128	4118	0.298	ng/ul	99
7) 2-Methylnaphthalene	12.002	142	2424	0.257	ng/ul	98
8) 1-Methylnaphthalene	12.223	142	1794	0.192	ng/ul	99
10) Acenaphthylene	13.923	152	12907	1.192	ng/ul	99
11) Acenaphthene	14.265	153	1489	0.163	ng/ul	98
12) Fluorene	15.259	166	15123	1.442	ng/ul	99
15) Phenanthrene	16.992	178	171744	10.995	ng/ul	97
16) Anthracene	17.086	178	34483	2.358	ng/ul	98
19) Fluoranthene	19.016	202	231833	12.295	ng/ul	99
20) Pyrene	19.378	202	170648	8.922	ng/ul	98
21) Benzo(a)anthracene	21.132	228	75444	4.231	ng/ul	98
22) Chrysene	21.183	228	67730	3.671	ng/ul	98
24) Benzo(b)fluoranthene	22.662	252	84058m	4.243	ng/ul	
25) Benzo(k)fluoranthene	22.701	252	31007m	1.515	ng/ul	
26) Benzo(a)pyrene	23.208	252	57791m	3.331	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.432	276	35811	1.597	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.434	278	8343	0.462	ng/ul	93
29) Benzo(g,h,i)perylene	26.079	276	12506	0.654	ng/ul	97

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

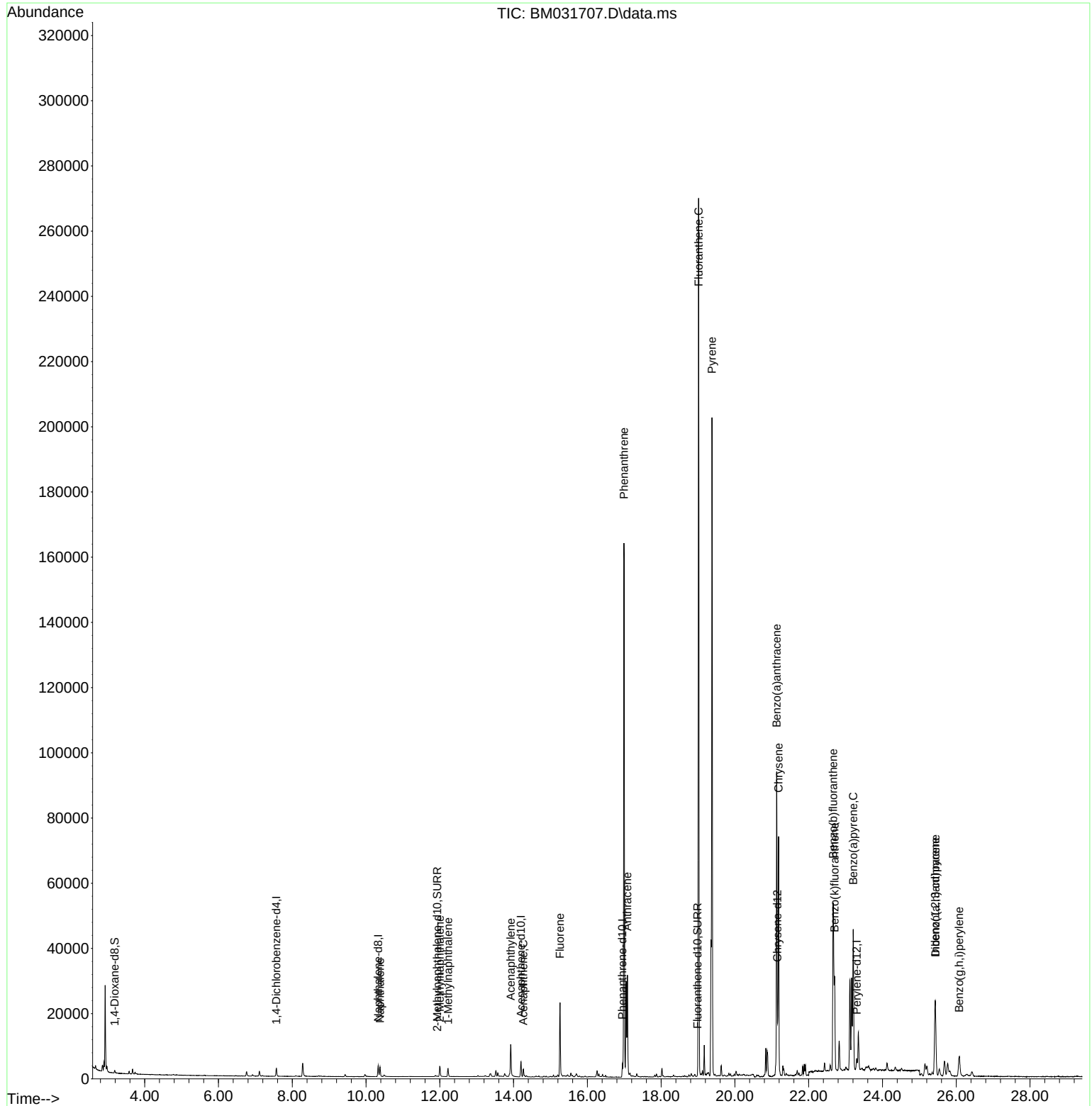
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031707.D
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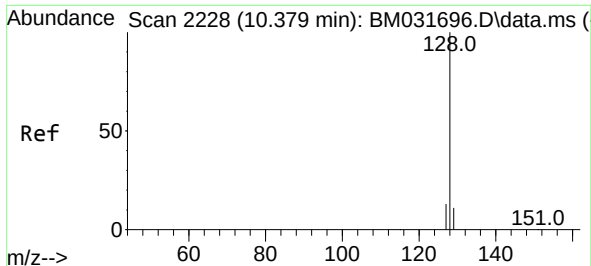
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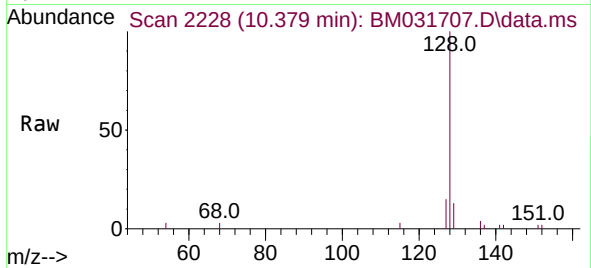
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Quant Time: Aug 13 11:13:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

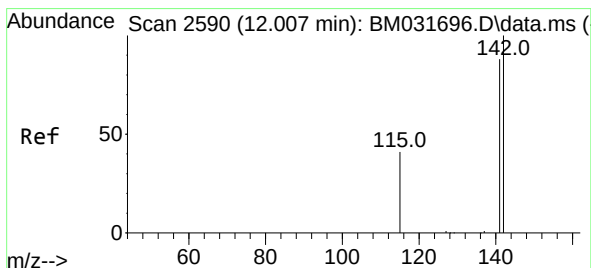
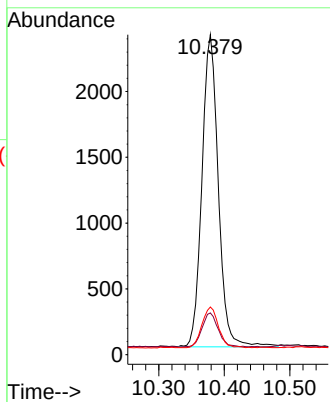
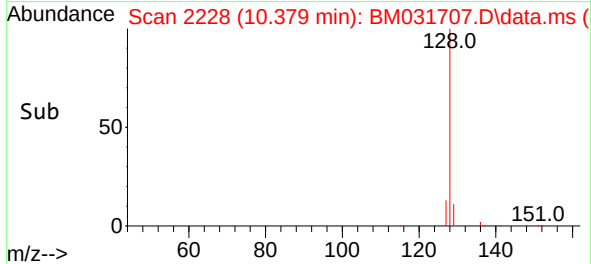




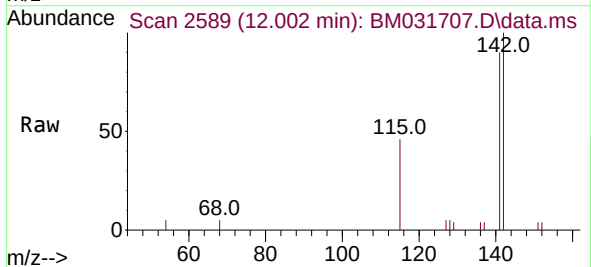
#5
Naphthalene
Concen: 0.298 ng/ul
RT: 10.379 min Scan# 2228
Delta R.T. -0.003 min
Lab File: BM031707.D
Acq: 13 Aug 2021 10:12



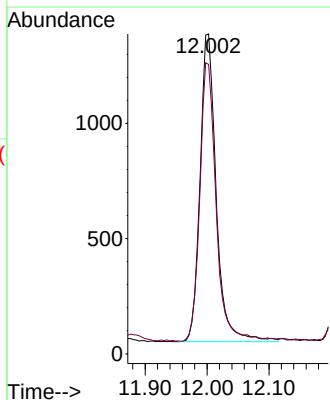
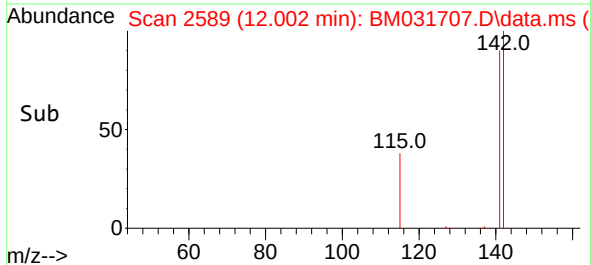
Tgt Ion:128 Resp: 4118
Ion Ratio Lower Upper
128 100
129 13.0 10.0 15.0
127 14.9 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.257 ng/ul
RT: 12.002 min Scan# 2589
Delta R.T. -0.003 min
Lab File: BM031707.D
Acq: 13 Aug 2021 10:12



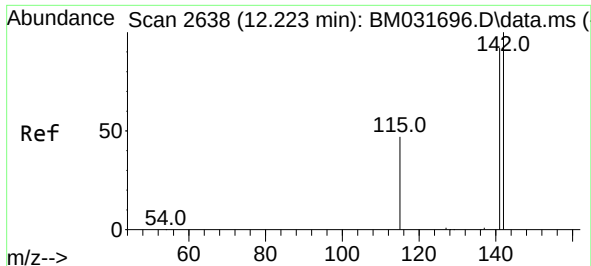
Tgt Ion:142 Resp: 2424
Ion Ratio Lower Upper
142 100
141 91.0 71.4 107.0



Instrument :
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ClientSampleId :
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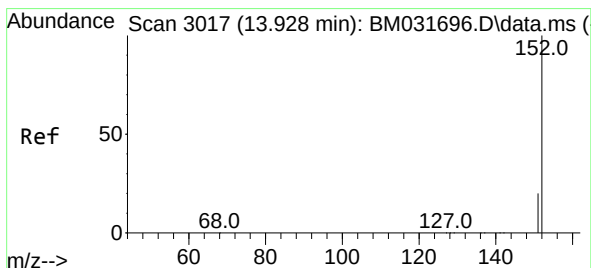
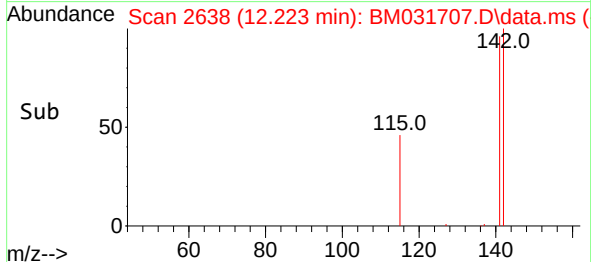
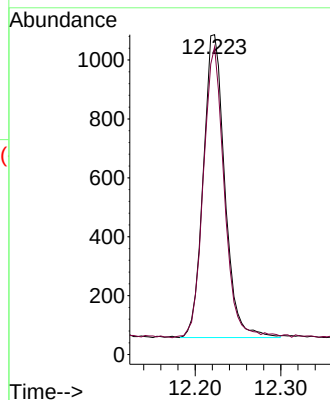
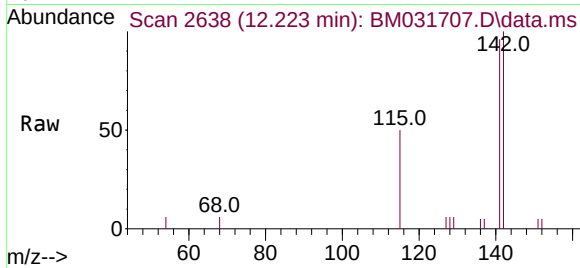
#8
1-Methylnaphthalene
Concen: 0.192 ng/ul
RT: 12.223 min Scan# 2638
Delta R.T. -0.003 min
Lab File: BM031707.D
Acq: 13 Aug 2021 10:12

Tgt Ion:142 Resp: 1794
Ion Ratio Lower Upper
142 100
141 93.8 74.1 111.1

Instrument :
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ClientSampled :
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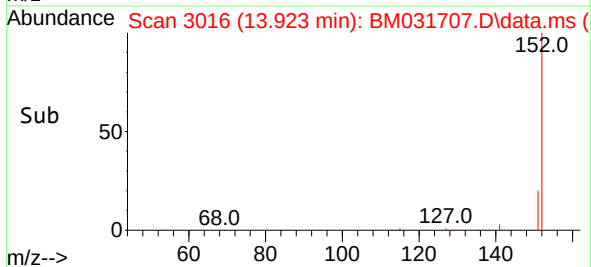
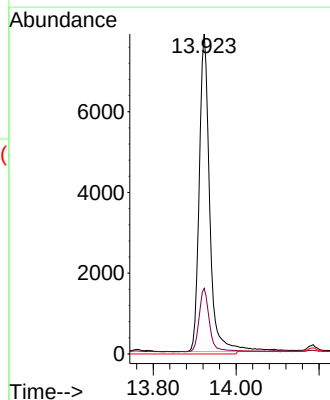
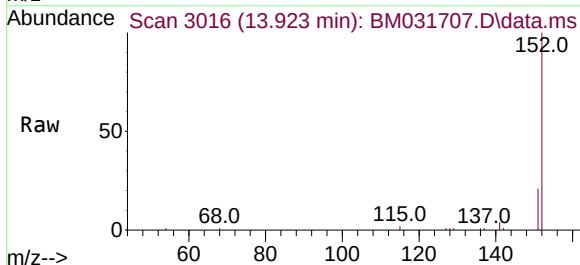
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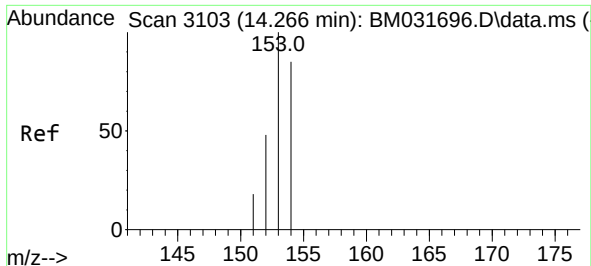
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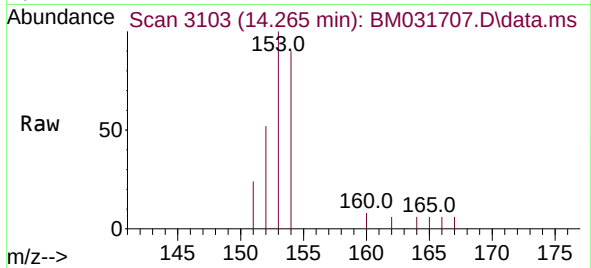
#10
Acenaphthylene
Concen: 1.192 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031707.D
Acq: 13 Aug 2021 10:12

Tgt Ion:152 Resp: 12907
Ion Ratio Lower Upper
152 100
151 20.5 16.9 25.3
153 0.0 0.0 0.0

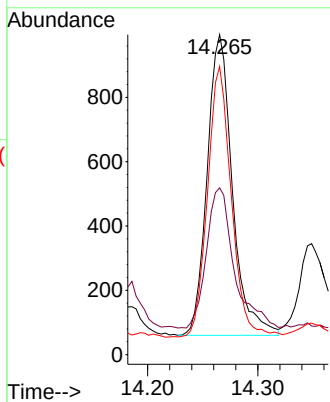
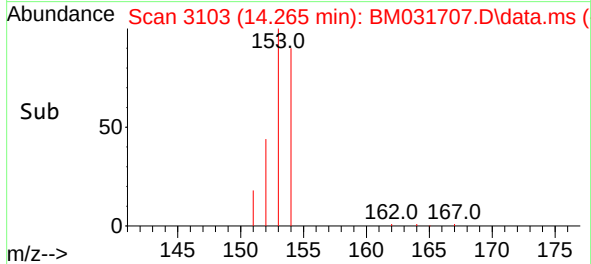




#11
Acenaphthene
Concen: 0.163 ng/ul
RT: 14.265 min Scan# 3103
Delta R.T. -0.007 min
Lab File: BM031707.D
Acq: 13 Aug 2021 10:12



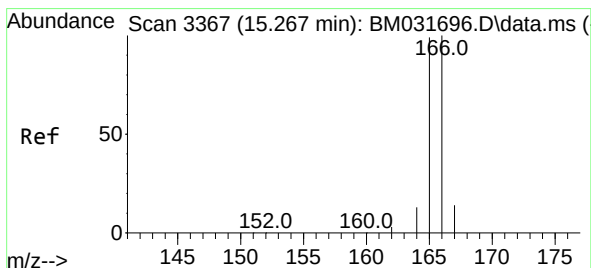
Tgt Ion:153 Resp: 1489
Ion Ratio Lower Upper
153 100
152 52.2 40.7 61.1
154 90.1 70.2 105.2



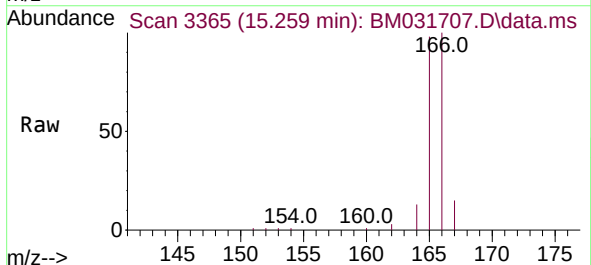
Instrument :
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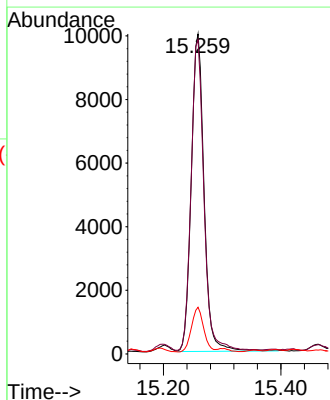
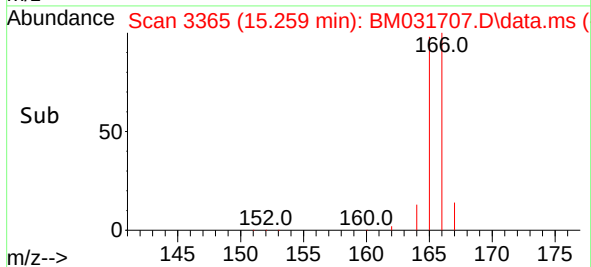
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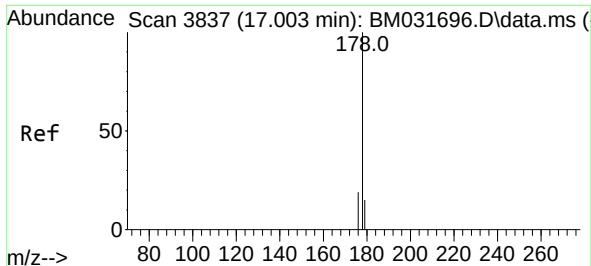


#12
Fluorene
Concen: 1.442 ng/ul
RT: 15.259 min Scan# 3365
Delta R.T. -0.011 min
Lab File: BM031707.D
Acq: 13 Aug 2021 10:12



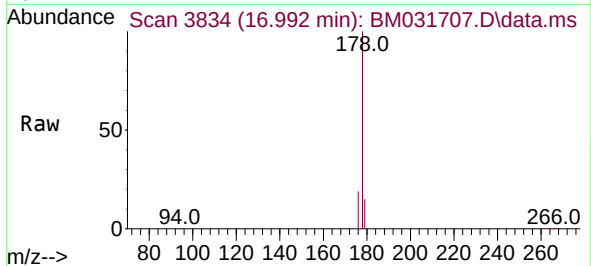
Tgt Ion:166 Resp: 15123
Ion Ratio Lower Upper
166 100
165 98.2 78.0 117.0
167 14.6 12.0 18.0





#15
Phenanthrene
Concen: 10.995 ng/ul
RT: 16.992 min Scan# 3834
Delta R.T. -0.010 min
Lab File: BM031707.D
Acq: 13 Aug 2021 10:12

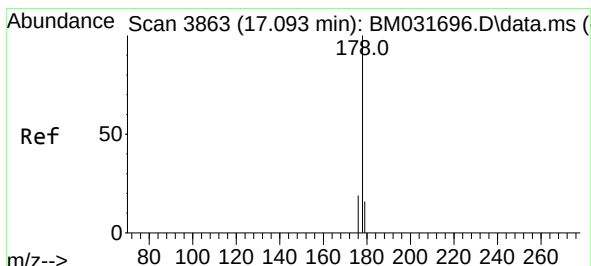
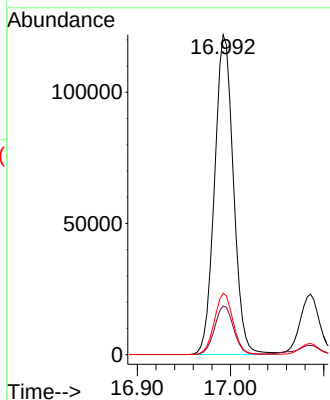
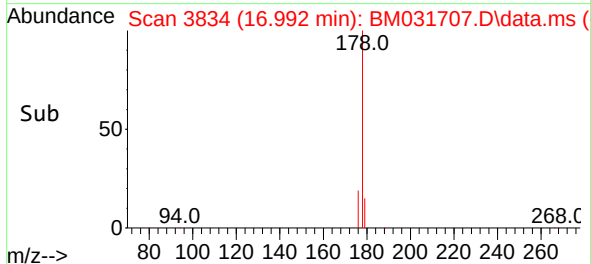
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ClientSampled :
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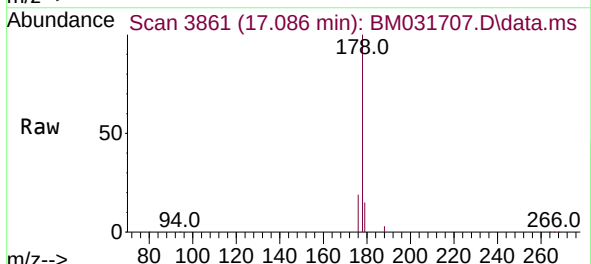
Tgt Ion:178 Resp: 171744
Ion Ratio Lower Upper
178 100
179 15.2 13.3 19.9
176 19.2 16.2 24.4

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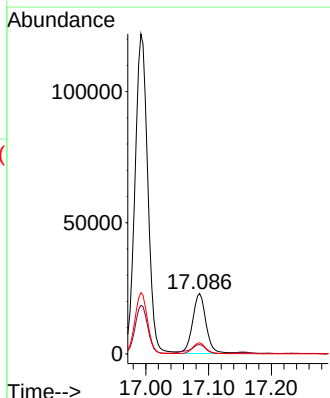
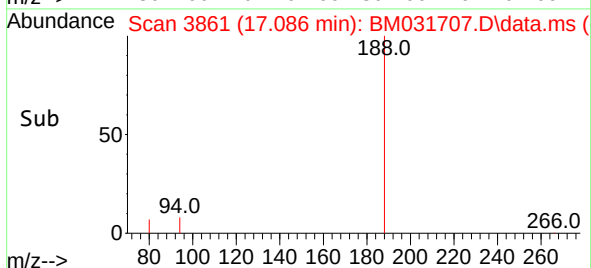
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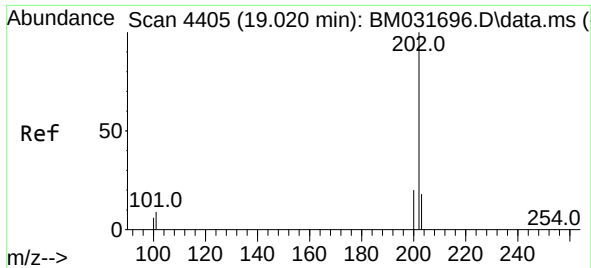


#16
Anthracene
Concen: 2.358 ng/ul
RT: 17.086 min Scan# 3861
Delta R.T. -0.010 min
Lab File: BM031707.D
Acq: 13 Aug 2021 10:12



Tgt Ion:178 Resp: 34483
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 18.5 15.6 23.4





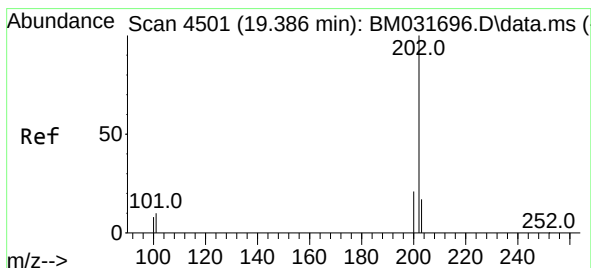
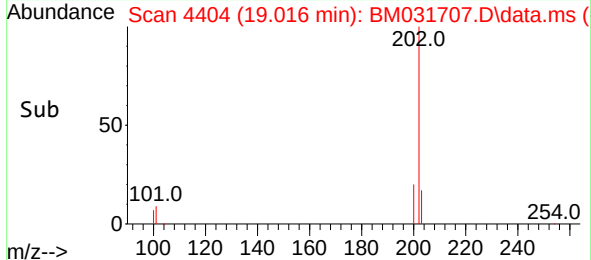
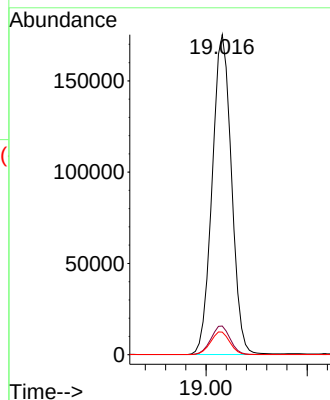
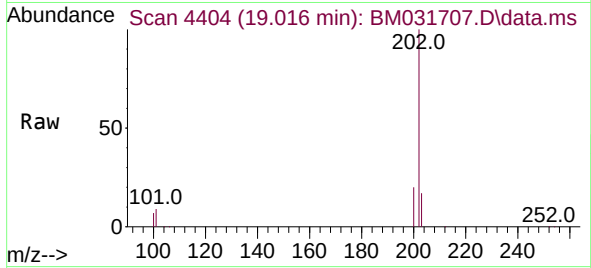
#19
Fluoranthene
Concen: 12.295 ng/ul
RT: 19.016 min Scan# 4404
Delta R.T. -0.011 min
Lab File: BM031707.D
Acq: 13 Aug 2021 10:12

Tgt Ion:202 Resp: 231833
Ion Ratio Lower Upper
202 100
101 8.9 6.6 10.0
100 7.1 5.4 8.0

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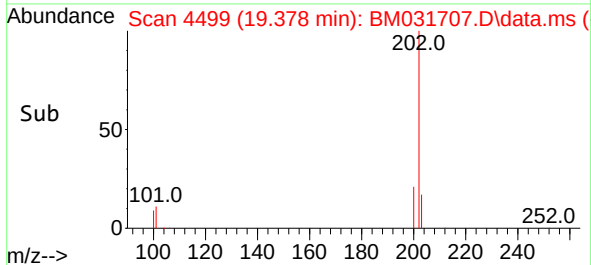
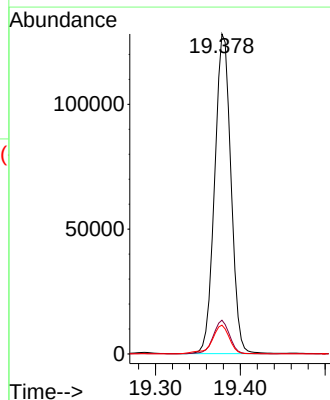
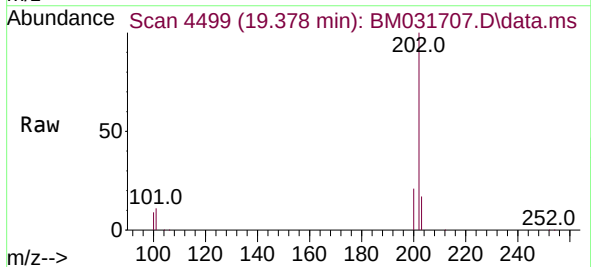
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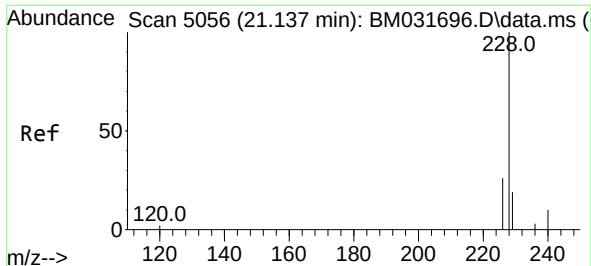
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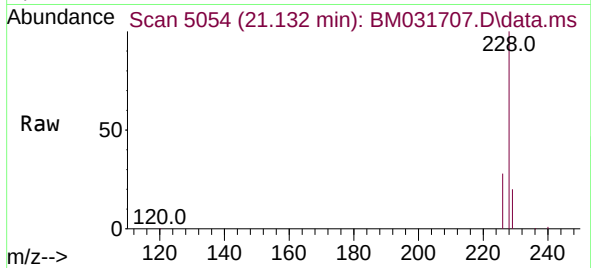
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Pyrene
Concen: 8.922 ng/ul
RT: 19.378 min Scan# 4499
Delta R.T. -0.011 min
Lab File: BM031707.D
Acq: 13 Aug 2021 10:12

Tgt Ion:202 Resp: 170648
Ion Ratio Lower Upper
202 100
101 10.5 7.8 11.6
100 9.0 6.6 10.0

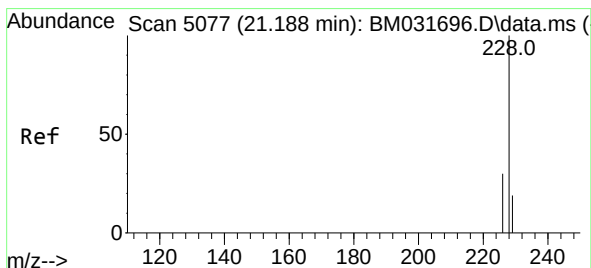
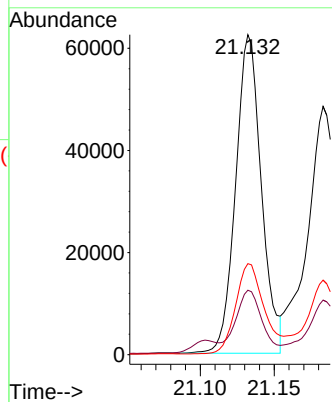
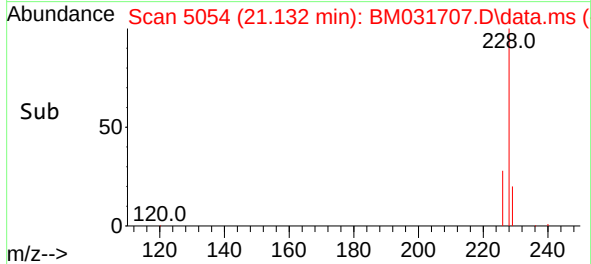




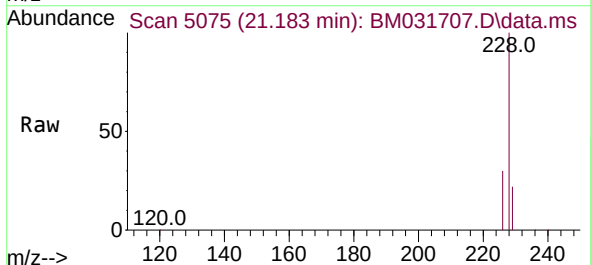
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Benzo(a)anthracene
Concen: 4.231 ng/u1
RT: 21.132 min Scan# 5054
Delta R.T. -0.012 min
Lab File: BM031707.D
Acq: 13 Aug 2021 10:12



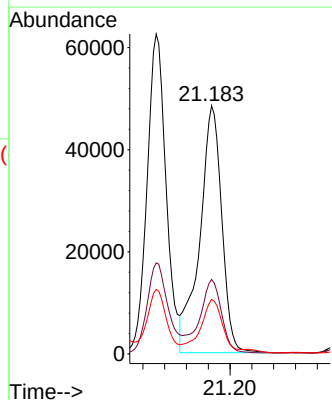
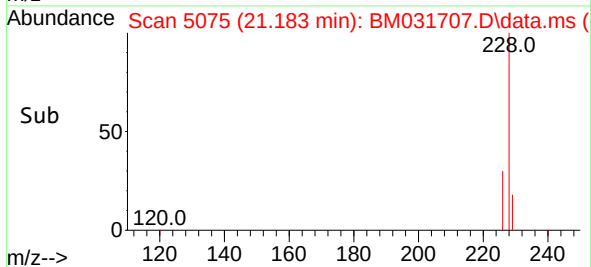
Tgt Ion:228 Resp: 75444
Ion Ratio Lower Upper
228 100
229 20.2 15.6 23.4
226 28.4 21.7 32.5



#22
Chrysene
Concen: 3.671 ng/u1
RT: 21.183 min Scan# 5075
Delta R.T. -0.012 min
Lab File: BM031707.D
Acq: 13 Aug 2021 10:12



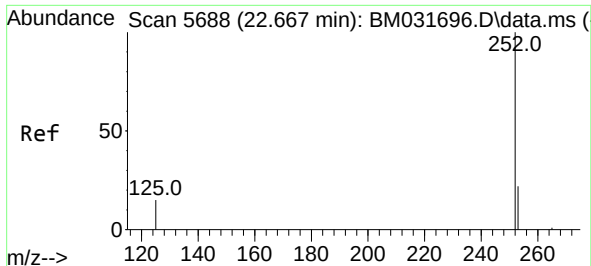
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Ion Ratio Lower Upper
228 100
226 30.0 24.7 37.1
229 22.0 16.2 24.2



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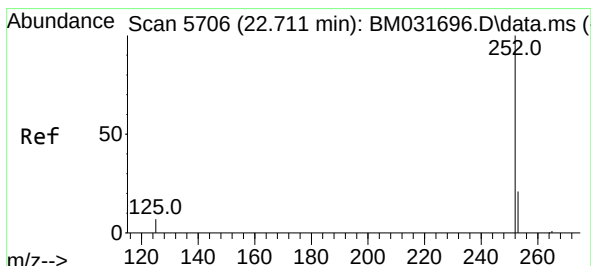
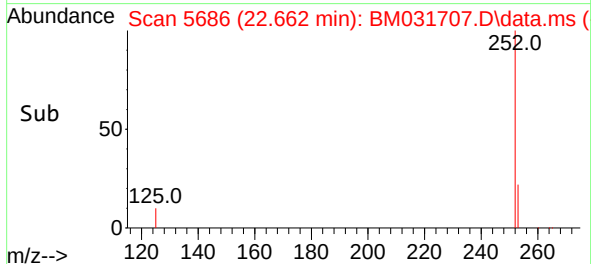
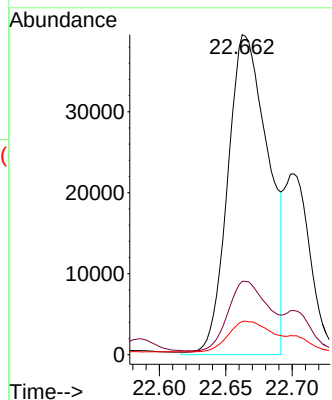
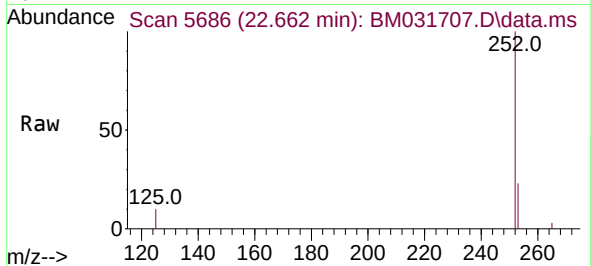
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Benzo(b)fluoranthene
Concen: 4.243 ng/ul m
RT: 22.662 min Scan# 5686
Delta R.T. -0.014 min
Lab File: BM031707.D
Acq: 13 Aug 2021 10:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	53.0
125	10.4	0.0	22.8

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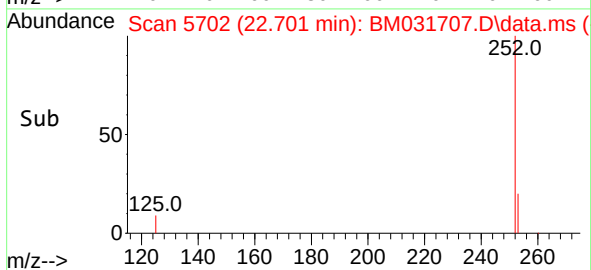
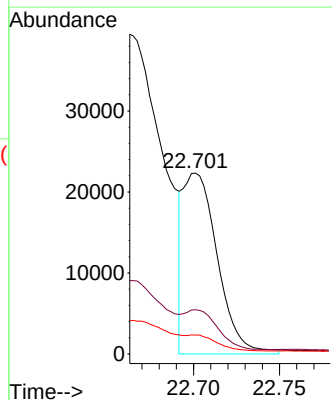
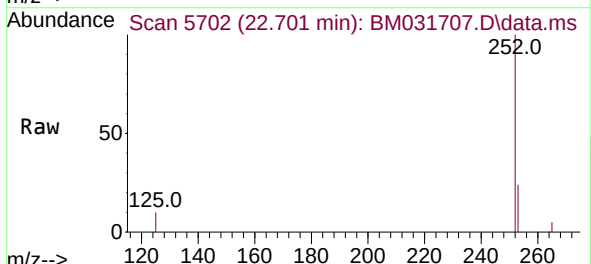
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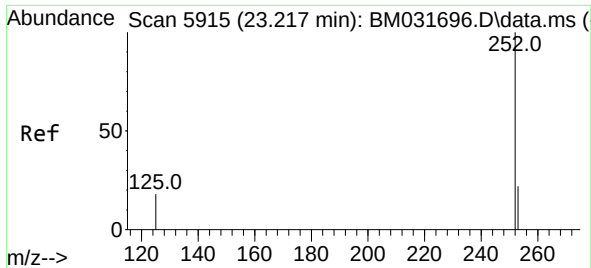
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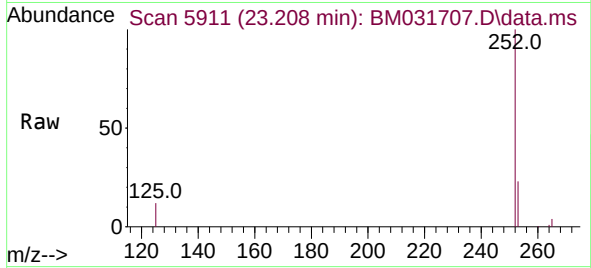
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Benzo(k)fluoranthene
Concen: 1.515 ng/ul m
RT: 22.701 min Scan# 5702
Delta R.T. -0.019 min
Lab File: BM031707.D
Acq: 13 Aug 2021 10:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	21.3	31.9
125	10.4	8.8	13.2

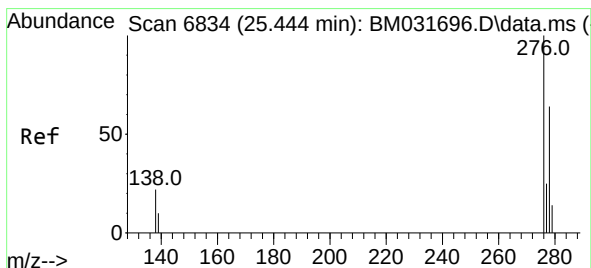
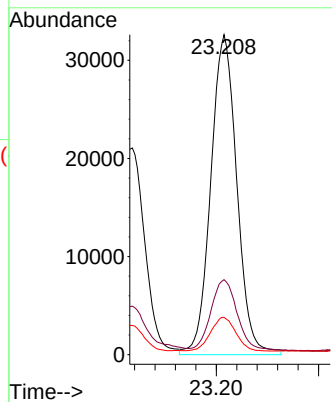
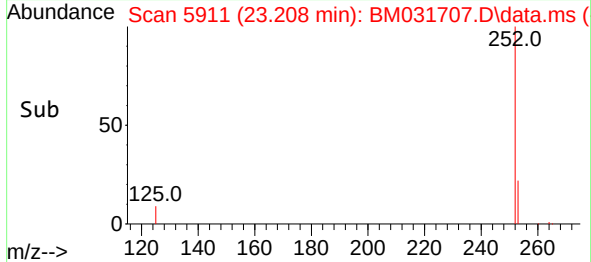




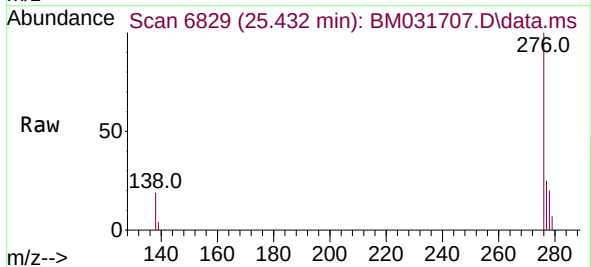
#26
Benzo(a)pyrene
Concen: 3.331 ng/ul m
RT: 23.208 min Scan# 5911
Delta R.T. -0.019 min
Lab File: BM031707.D
Acq: 13 Aug 2021 10:12



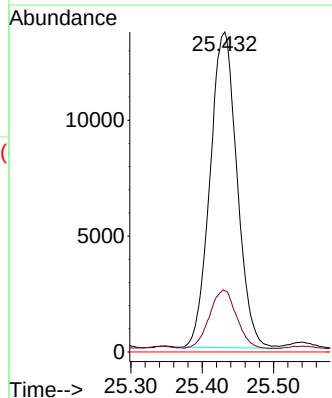
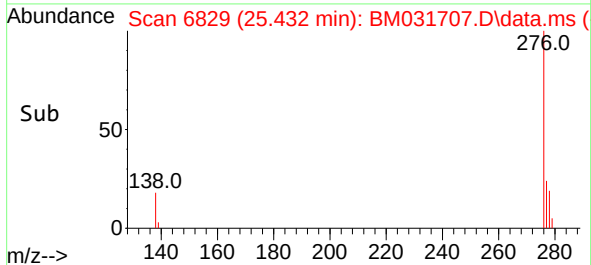
Tgt Ion:252 Resp: 57791
Ion Ratio Lower Upper
252 100
253 23.5 22.4 33.6
125 11.6 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.597 ng/ul
RT: 25.432 min Scan# 6829
Delta R.T. -0.029 min
Lab File: BM031707.D
Acq: 13 Aug 2021 10:12



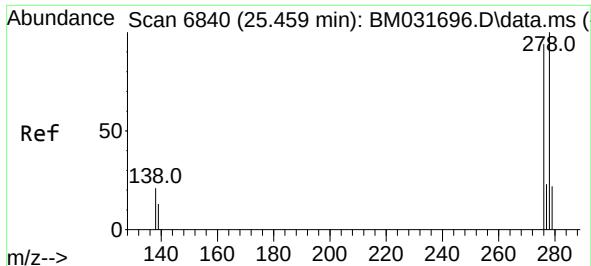
Tgt Ion:276 Resp: 35811
Ion Ratio Lower Upper
276 100
138 18.7 15.8 23.8
227 0.0 0.0 0.0



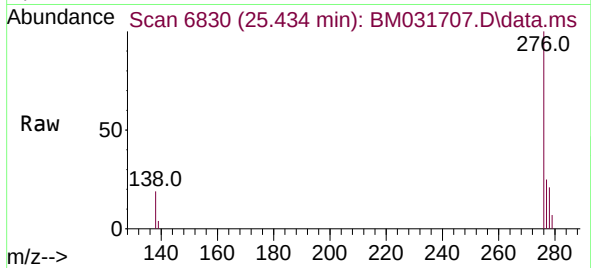
Instrument :
BNA_M
ClientSampleId :
C00D8DL

Manual Integrations
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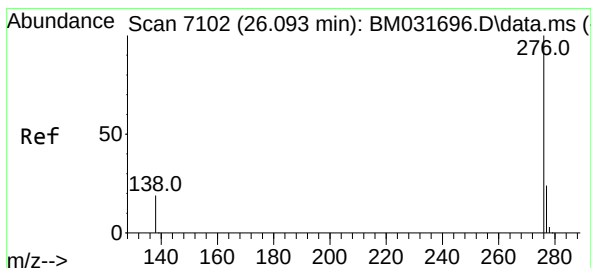
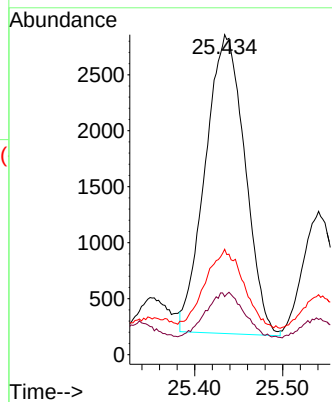
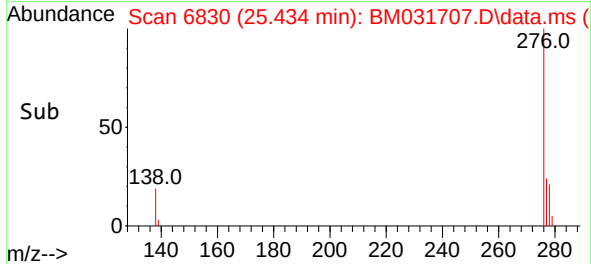
mohammad
8/13/2021 5:15:29 PM



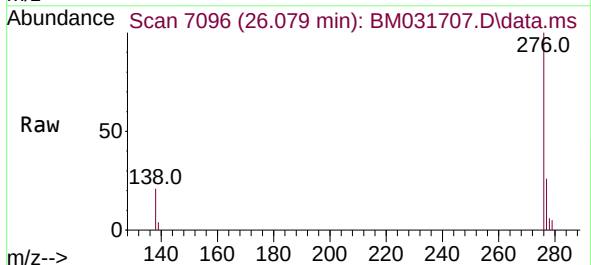
#28
Dibenzo(a,h)anthracene
Concen: 0.462 ng/ul
RT: 25.434 min Scan# 6830
Delta R.T. -0.038 min
Lab File: BM031707.D
Acq: 13 Aug 2021 10:12



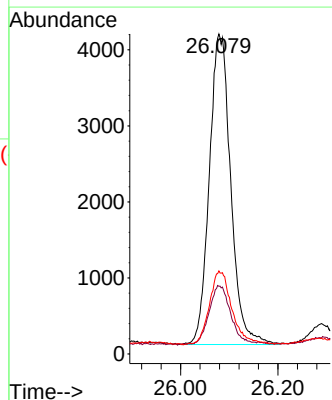
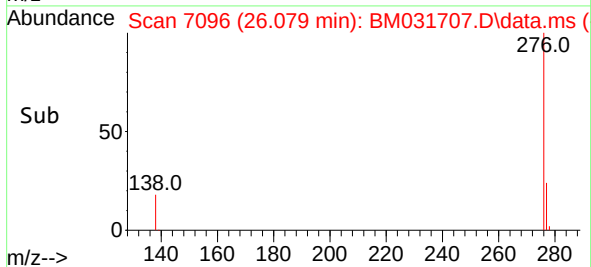
Tgt Ion: 278 Resp: 8343
Ion Ratio Lower Upper
278 100
139 18.2 13.3 19.9
279 32.9 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.654 ng/ul
RT: 26.079 min Scan# 7096
Delta R.T. -0.029 min
Lab File: BM031707.D
Acq: 13 Aug 2021 10:12



Tgt Ion: 276 Resp: 12506
Ion Ratio Lower Upper
276 100
138 21.2 15.4 23.2
277 26.0 19.9 29.9



Instrument :
BNA_M
ClientSampleID :
C00D8DL

Manual Integrations
APPROVED

mohammad
8/13/2021 5:15:29 PM