

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031733.D
 Acq On : 14 Aug 2021 03:06
 Operator : CG/JU
 Sample : M3208-03DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00E3DL

Manual Integrations
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mohammad
 8/16/2021 8:40:47 AM

Quant Time: Aug 14 04:01:05 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 : Sat Aug 14 03:22:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.566	152	1197	0.400	ng/ul	0.00
4) Naphthalene-d8	10.325	136	4292	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.201	164	2357	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	4496	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.147	240	3852	0.400	ng/ul	#-0.01
23) Perylene-d12	23.300	264	3775	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	888	0.668	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	281	0.039	ng/ul	-0.01
18) Fluoranthene-d10	18.986	212	571	0.044	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.374	128	2460	0.192	ng/ul	94
7) 2-Methylnaphthalene	11.998	142	1740	0.199	ng/ul	99
8) 1-Methylnaphthalene	12.218	142	1094	0.127	ng/ul	98
10) Acenaphthylene	13.918	152	2452	0.244	ng/ul	96
11) Acenaphthene	14.262	153	171	0.020	ng/ul#	76
12) Fluorene	15.255	166	284	0.029	ng/ul#	83
15) Phenanthrene	16.992	178	7901	0.553	ng/ul	99
16) Anthracene	17.086	178	2157	0.161	ng/ul#	95
19) Fluoranthene	19.016	202	15119	0.919	ng/ul	98
20) Pyrene	19.378	202	13353	0.800	ng/ul	97
21) Benzo(a)anthracene	21.132	228	8438	0.542	ng/ul	93
22) Chrysene	21.183	228	10484	0.651	ng/ul	97
24) Benzo(b)fluoranthene	22.662	252	15248m	0.896	ng/ul	
25) Benzo(k)fluoranthene	22.701	252	5117m	0.291	ng/ul	
26) Benzo(a)pyrene	23.208	252	9457	0.635	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.432	276	7735	0.402	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.436	278	1992	0.128	ng/ul#	61
29) Benzo(g,h,i)perylene	26.079	276	2969	0.181	ng/ul#	84

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

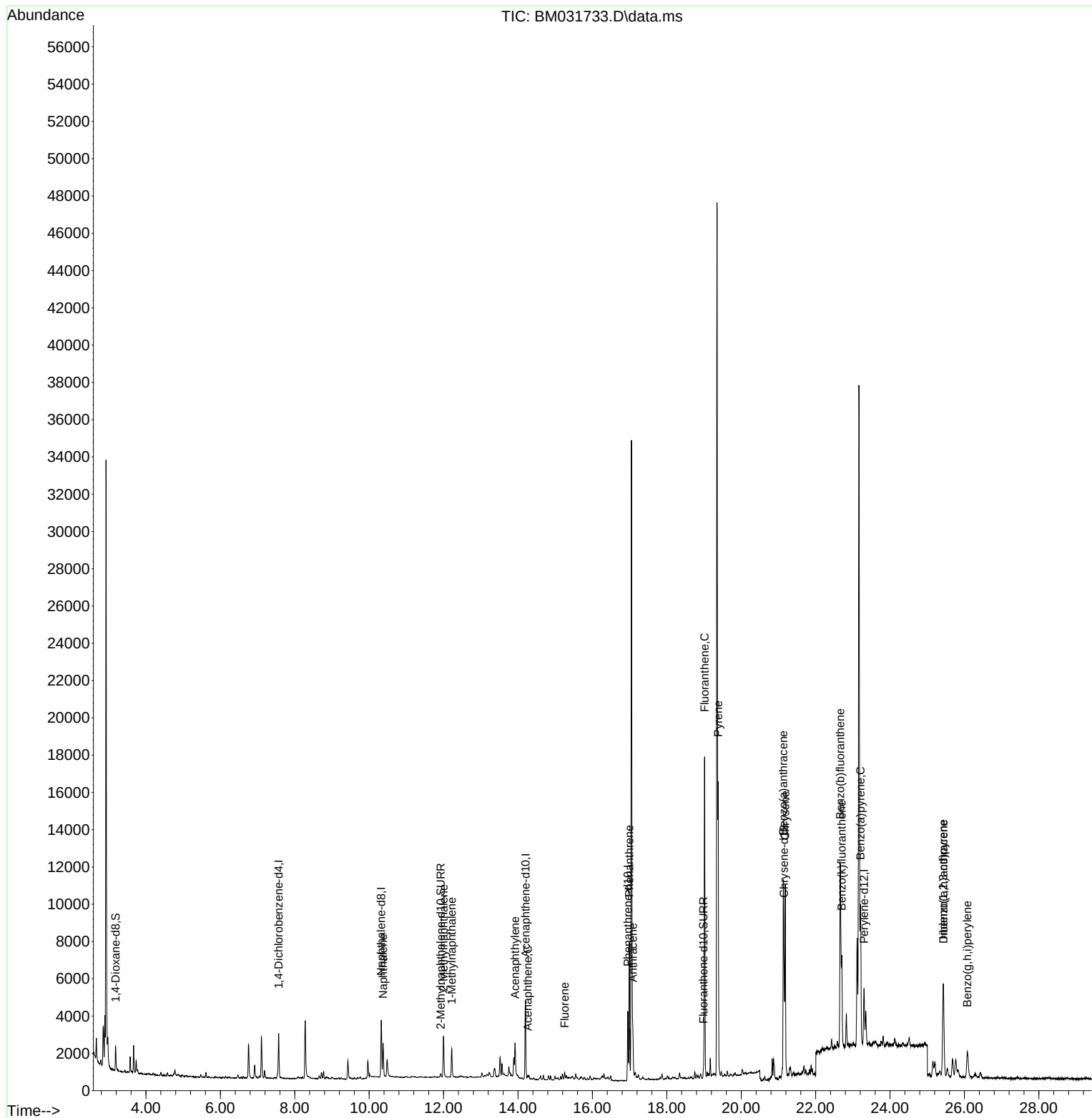
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Data File : BM031733.D
Acq On : 14 Aug 2021 03:06
Operator : CG/JU
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ALS Vial : 22 Sample Multiplier: 1

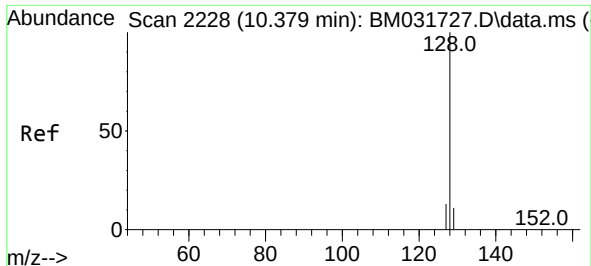
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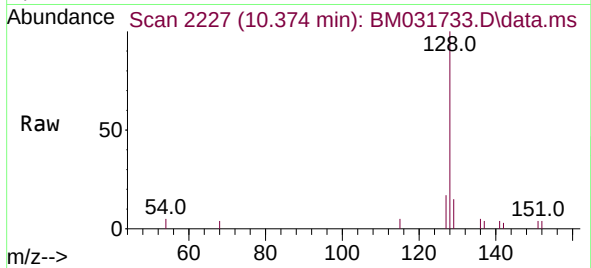
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Quant Time: Aug 14 04:01:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 14 03:22:39 2021
Response via : Initial Calibration

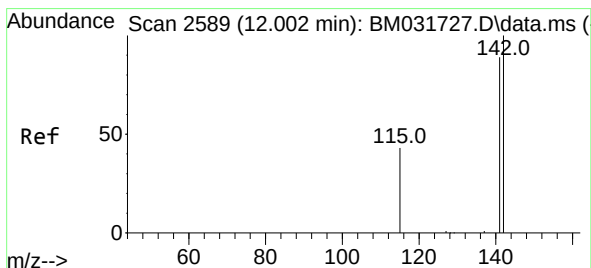
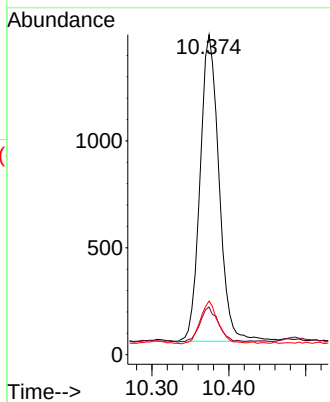
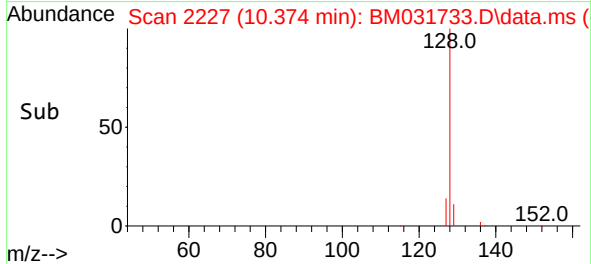




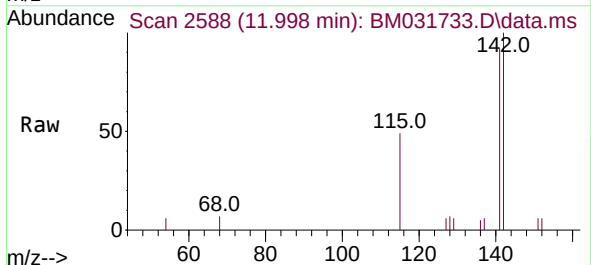
#5
Naphthalene
Concen: 0.192 ng/ul
RT: 10.374 min Scan# 2227
Delta R.T. -0.008 min
Lab File: BM031733.D
Acq: 14 Aug 2021 03:06



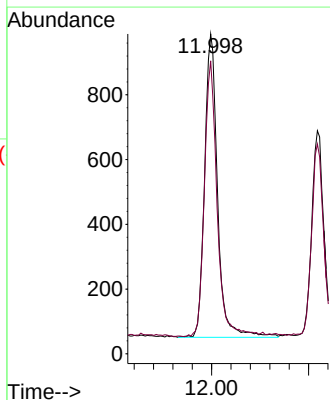
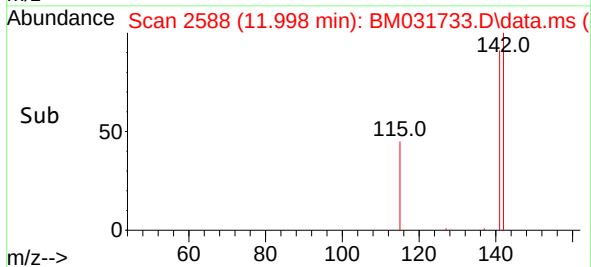
Tgt Ion:128 Resp: 2460
Ion Ratio Lower Upper
128 100
129 14.9 10.0 15.0
127 16.8 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.199 ng/ul
RT: 11.998 min Scan# 2588
Delta R.T. -0.008 min
Lab File: BM031733.D
Acq: 14 Aug 2021 03:06



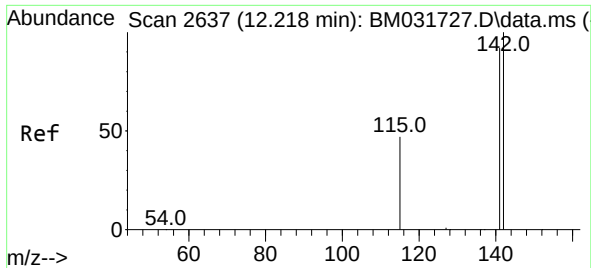
Tgt Ion:142 Resp: 1740
Ion Ratio Lower Upper
142 100
141 89.9 71.4 107.0



Instrument :
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ClientSampleId :
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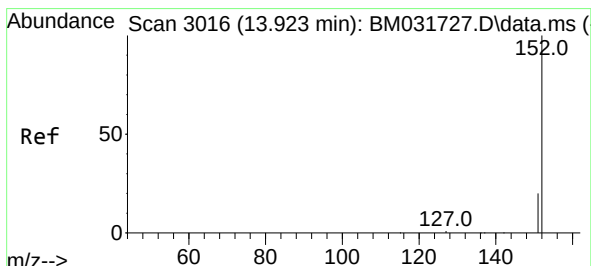
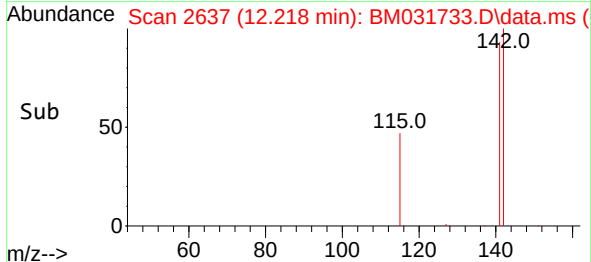
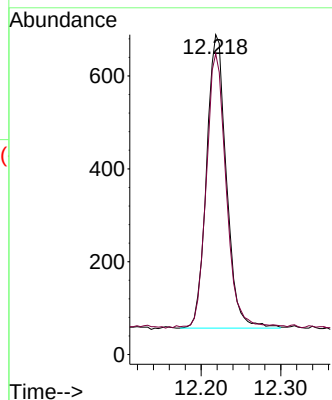
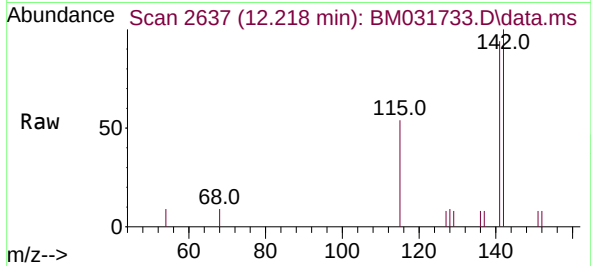
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1-Methylnaphthalene
Concen: 0.127 ng/ul
RT: 12.218 min Scan# 2637
Delta R.T. -0.008 min
Lab File: BM031733.D
Acq: 14 Aug 2021 03:06

Tgt Ion:142 Resp: 1094
Ion Ratio Lower Upper
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141 94.4 74.1 111.1

Instrument :
BNA_M
ClientSampled :
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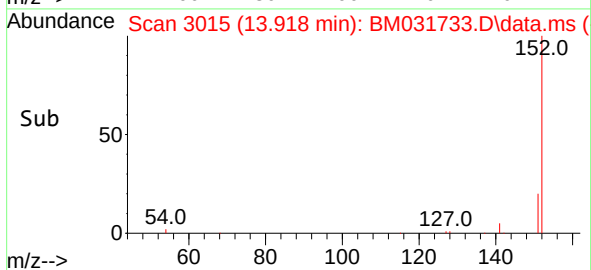
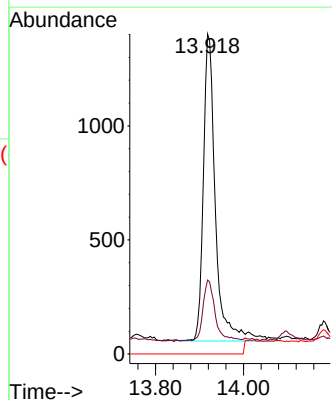
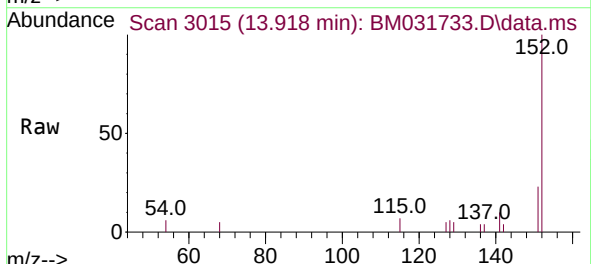
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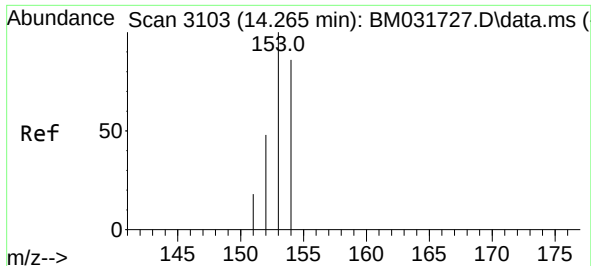
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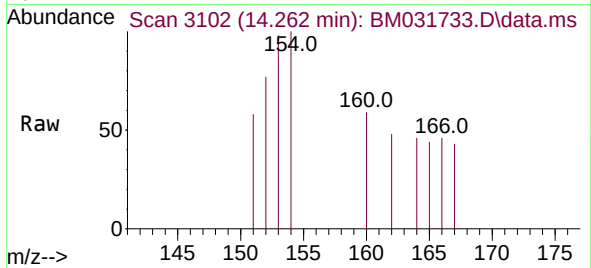
#10
Acenaphthylene
Concen: 0.244 ng/ul
RT: 13.918 min Scan# 3015
Delta R.T. -0.012 min
Lab File: BM031733.D
Acq: 14 Aug 2021 03:06

Tgt Ion:152 Resp: 2452
Ion Ratio Lower Upper
152 100
151 23.1 16.9 25.3
153 0.0 0.0 0.0

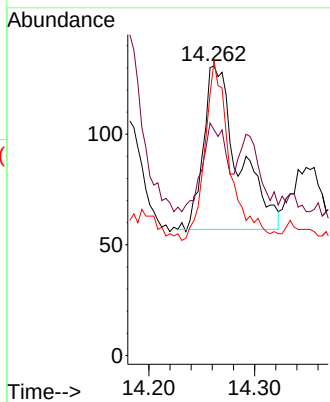
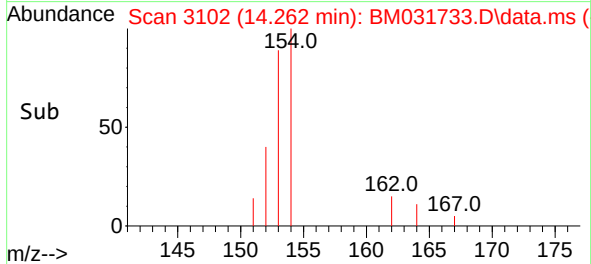




#11
Acenaphthene
Concen: 0.020 ng/ul
RT: 14.262 min Scan# 3102
Delta R.T. -0.011 min
Lab File: BM031733.D
Acq: 14 Aug 2021 03:06



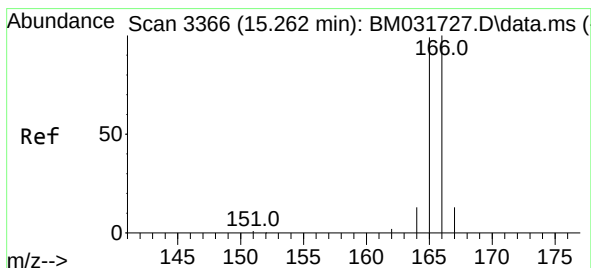
Tgt Ion:153 Resp: 171
Ion Ratio Lower Upper
153 100
152 77.9 40.7 61.1#
154 101.5 70.2 105.2



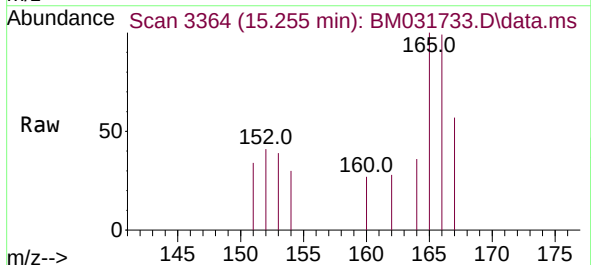
Instrument :
BNA_M
ClientSampled :
C00E3DL

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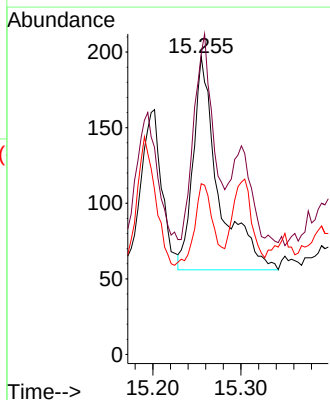
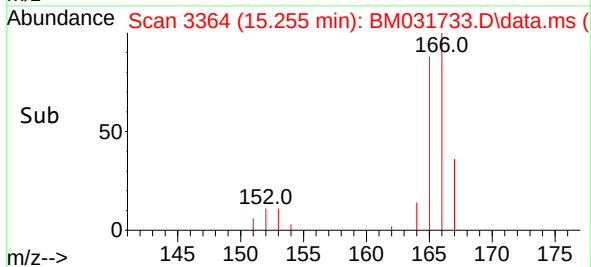
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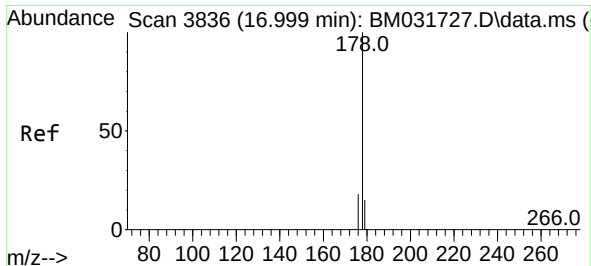


#12
Fluorene
Concen: 0.029 ng/ul
RT: 15.255 min Scan# 3364
Delta R.T. -0.015 min
Lab File: BM031733.D
Acq: 14 Aug 2021 03:06



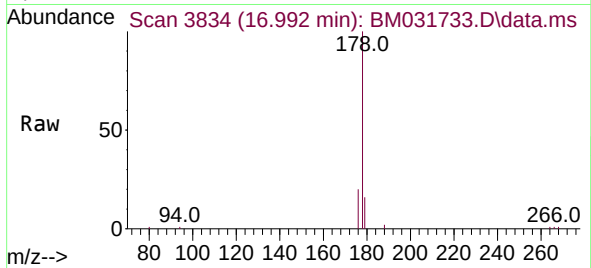
Tgt Ion:166 Resp: 284
Ion Ratio Lower Upper
166 100
165 101.0 78.0 117.0
167 57.4 12.0 18.0#





#15
Phenanthrene
Concen: 0.553 ng/ul
RT: 16.992 min Scan# 3834
Delta R.T. -0.010 min
Lab File: BM031733.D
Acq: 14 Aug 2021 03:06

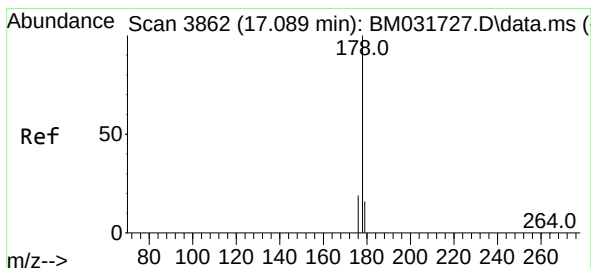
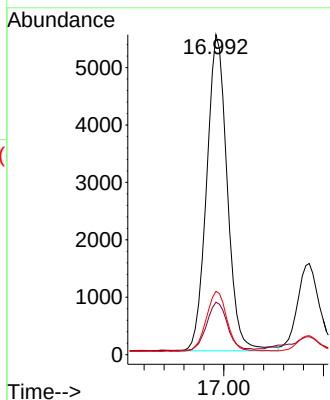
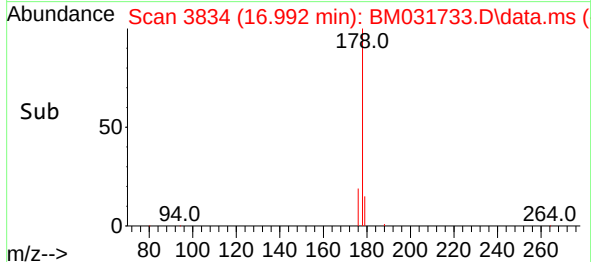
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ClientSampleId :
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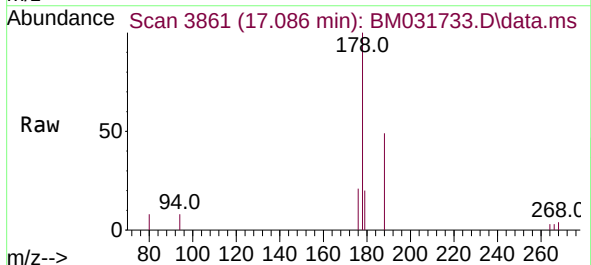
Tgt Ion:178 Resp: 7901
Ion Ratio Lower Upper
178 100
179 16.4 13.3 19.9
176 19.8 16.2 24.4

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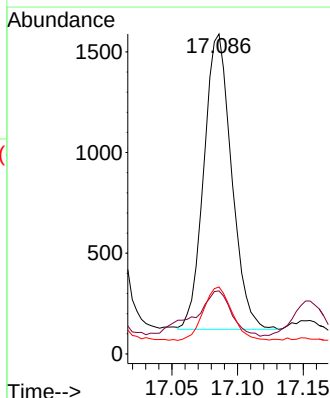
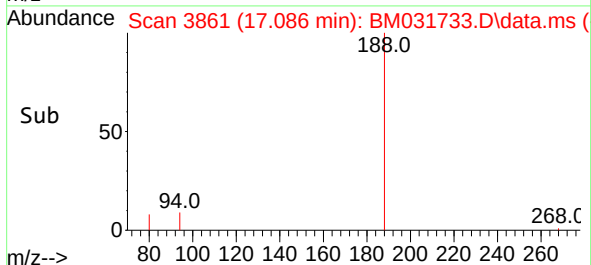
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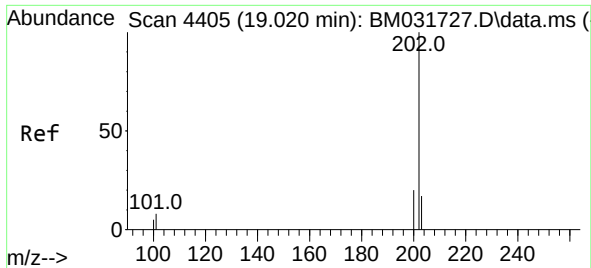


#16
Anthracene
Concen: 0.161 ng/ul
RT: 17.086 min Scan# 3861
Delta R.T. -0.010 min
Lab File: BM031733.D
Acq: 14 Aug 2021 03:06



Tgt Ion:178 Resp: 2157
Ion Ratio Lower Upper
178 100
179 19.7 13.0 19.6#
176 21.0 15.6 23.4





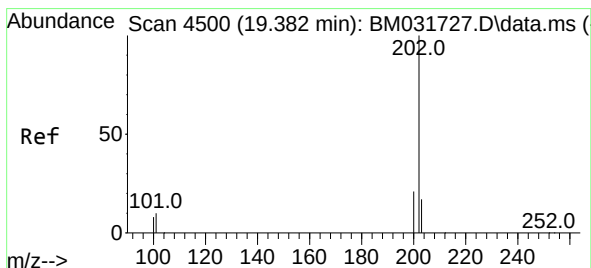
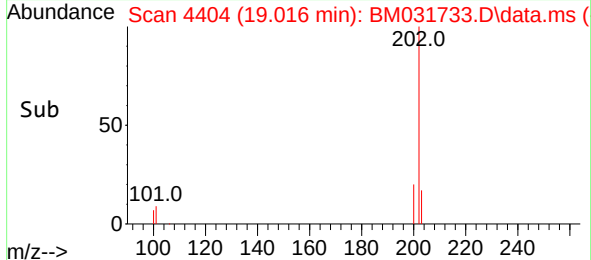
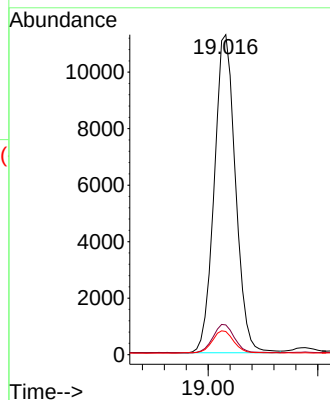
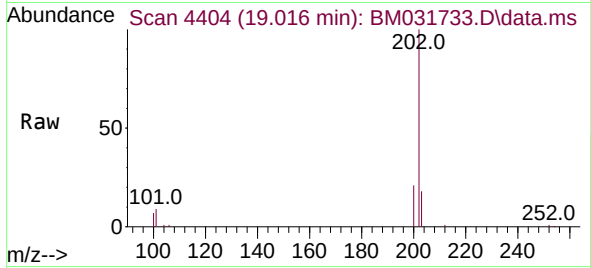
#19
Fluoranthene
Concen: 0.919 ng/ul
RT: 19.016 min Scan# 4404
Delta R.T. -0.011 min
Lab File: BM031733.D
Acq: 14 Aug 2021 03:06

Tgt Ion:	202	Resp:	15119
Ion Ratio	Lower	Upper	
202	100		
101	9.3	6.6	10.0
100	7.2	5.4	8.0

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ClientSampleId :
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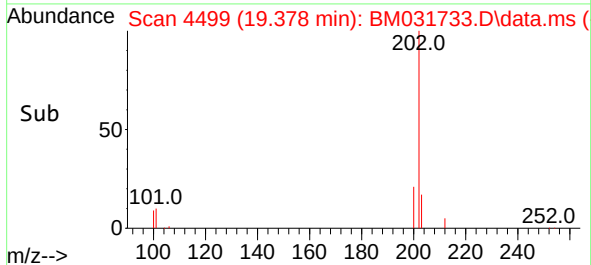
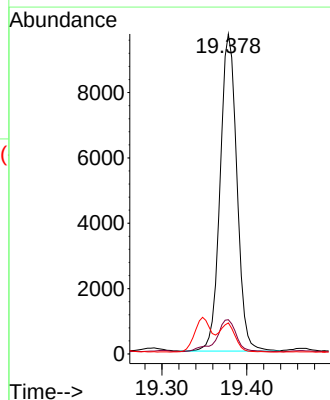
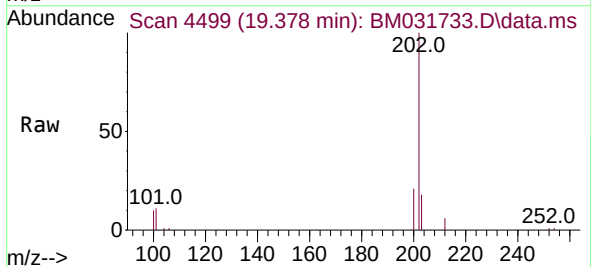
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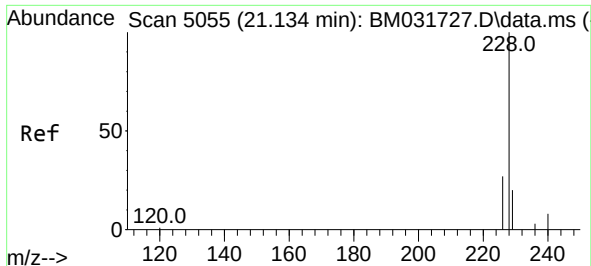
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#20
Pyrene
Concen: 0.800 ng/ul
RT: 19.378 min Scan# 4499
Delta R.T. -0.011 min
Lab File: BM031733.D
Acq: 14 Aug 2021 03:06

Tgt Ion:	202	Resp:	13353
Ion Ratio	Lower	Upper	
202	100		
101	10.7	7.8	11.6
100	9.7	6.6	10.0





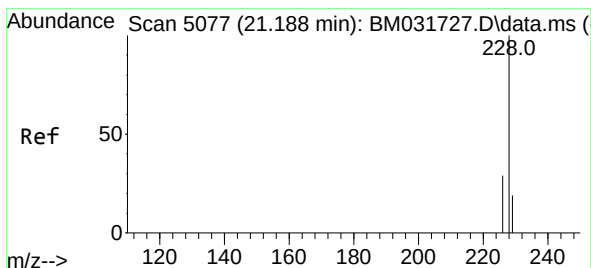
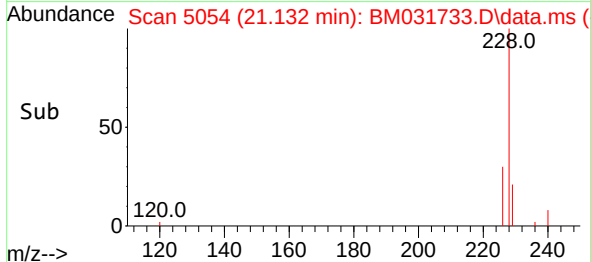
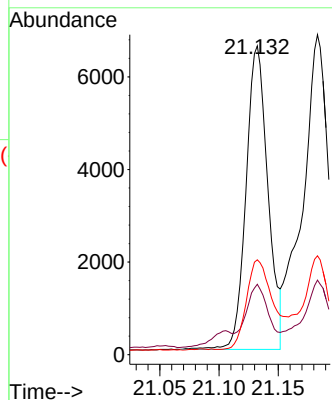
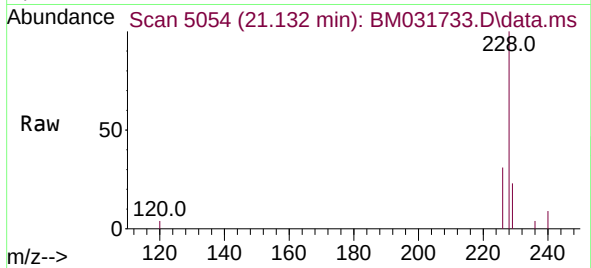
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Benzo(a)anthracene
Concen: 0.542 ng/ul
RT: 21.132 min Scan# 5054
Delta R.T. -0.012 min
Lab File: BM031733.D
Acq: 14 Aug 2021 03:06

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.6	23.4
226	30.7	21.7	32.5

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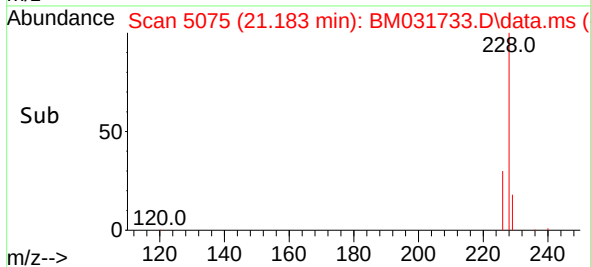
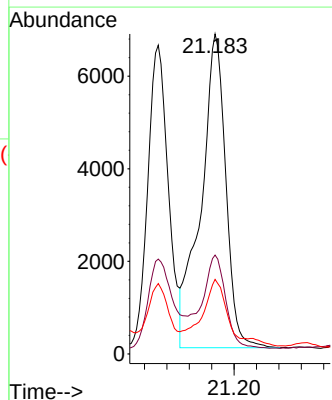
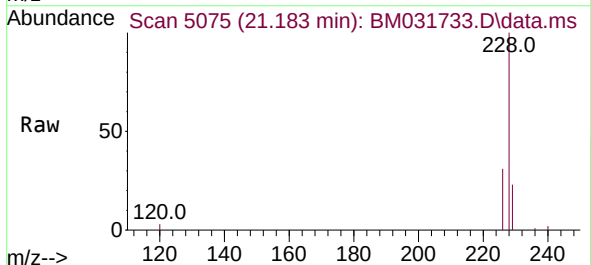
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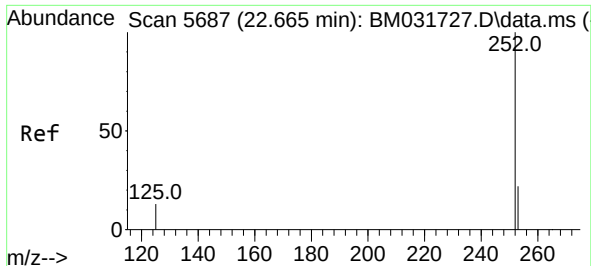
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#22
Chrysene
Concen: 0.651 ng/ul
RT: 21.183 min Scan# 5075
Delta R.T. -0.012 min
Lab File: BM031733.D
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Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.7	37.1
229	23.3	16.2	24.2





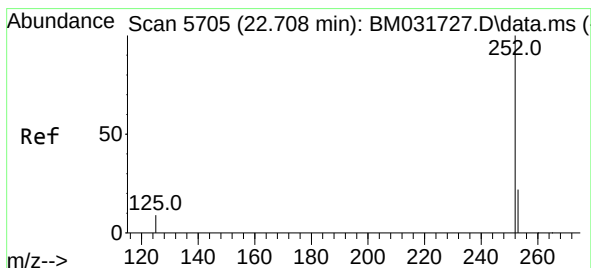
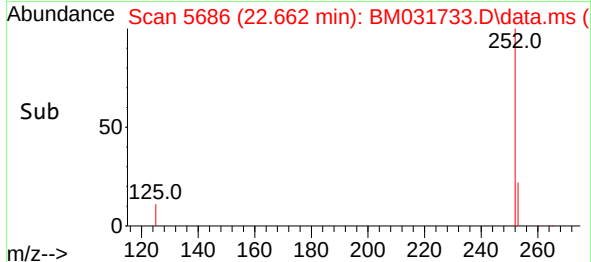
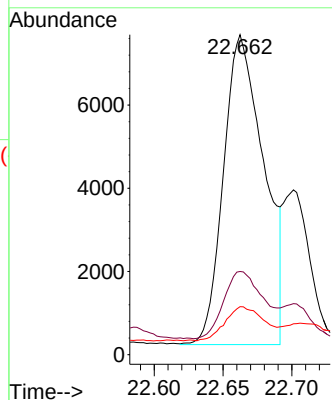
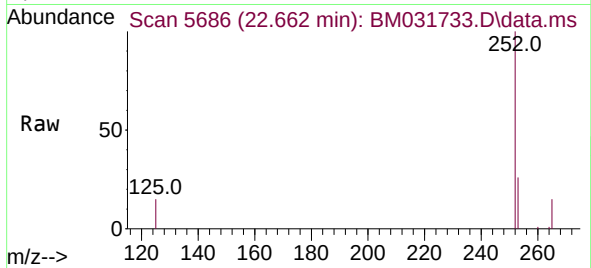
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Benzo(b)fluoranthene
Concen: 0.896 ng/ul m
RT: 22.662 min Scan# 5686
Delta R.T. -0.014 min
Lab File: BM031733.D
Acq: 14 Aug 2021 03:06

Tgt Ion:	252	Resp:	15248
Ion Ratio	Lower	Upper	
252	100		
253	26.0	0.0	53.0
125	15.0	0.0	22.8

Instrument :
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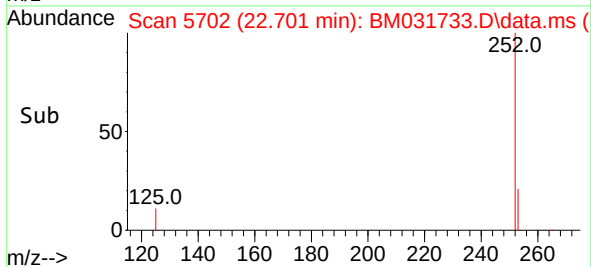
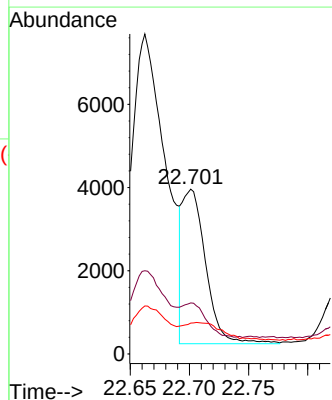
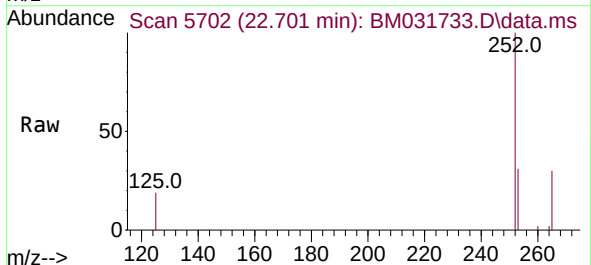
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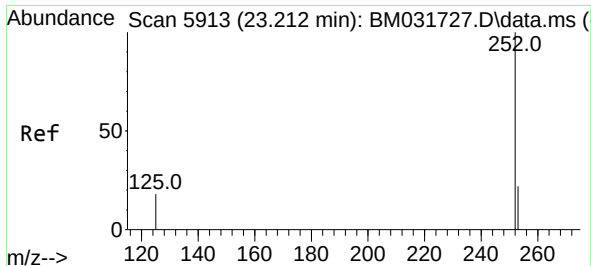
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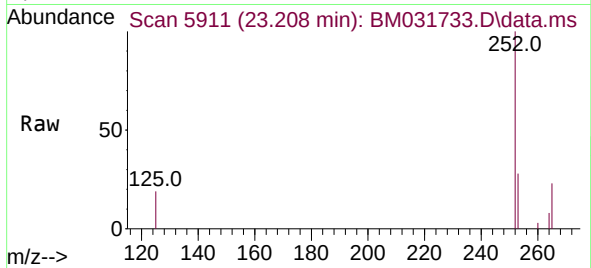
#25
Benzo(k)fluoranthene
Concen: 0.291 ng/ul m
RT: 22.701 min Scan# 5702
Delta R.T. -0.019 min
Lab File: BM031733.D
Acq: 14 Aug 2021 03:06

Tgt Ion:	252	Resp:	5117
Ion Ratio	Lower	Upper	
252	100		
253	31.0	21.3	31.9
125	18.7	8.8	13.2#

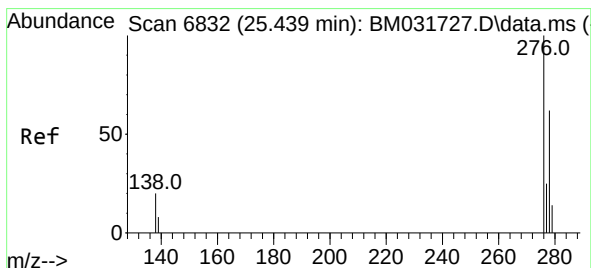
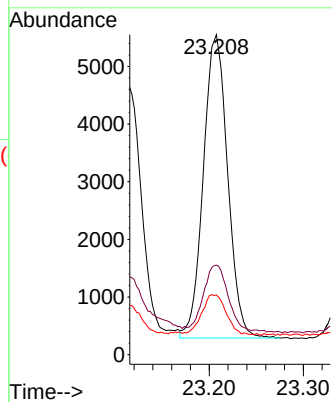
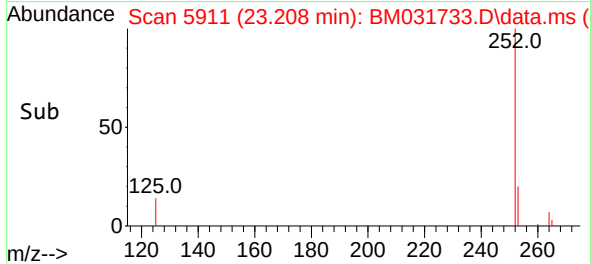




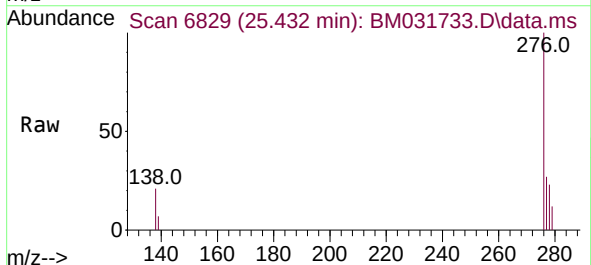
#26
Benzo(a)pyrene
Concen: 0.635 ng/ul
RT: 23.208 min Scan# 5911
Delta R.T. -0.019 min
Lab File: BM031733.D
Acq: 14 Aug 2021 03:06



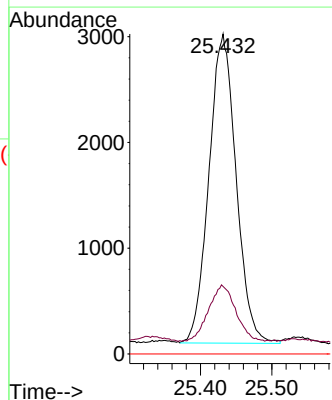
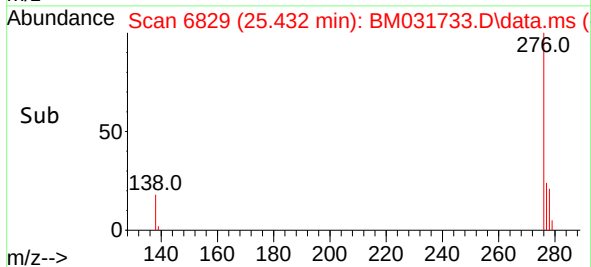
Tgt Ion:252 Resp: 9457
Ion Ratio Lower Upper
252 100
253 28.0 22.4 33.6
125 18.7 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.402 ng/ul
RT: 25.432 min Scan# 6829
Delta R.T. -0.029 min
Lab File: BM031733.D
Acq: 14 Aug 2021 03:06



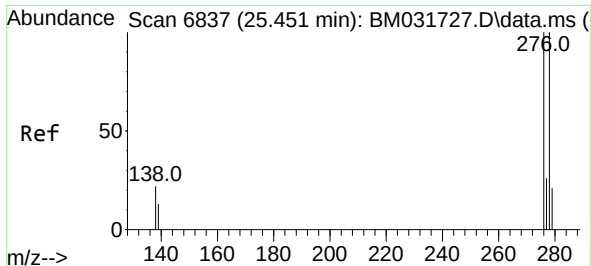
Tgt Ion:276 Resp: 7735
Ion Ratio Lower Upper
276 100
138 18.7 15.8 23.8
227 0.0 0.0 0.0



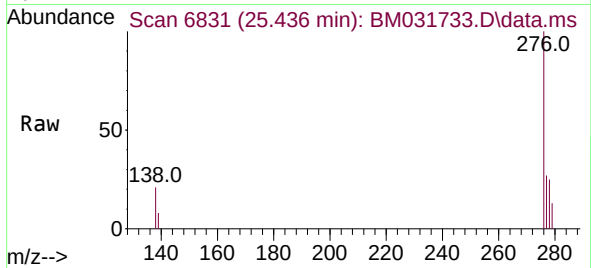
Instrument :
BNA_M
ClientSampleId :
C00E3DL

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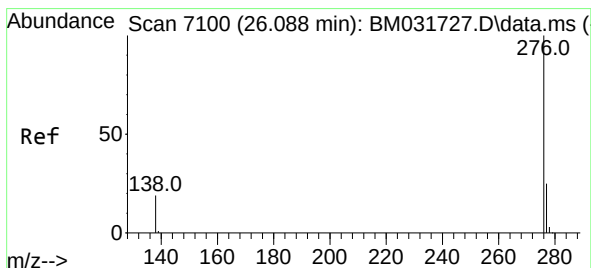
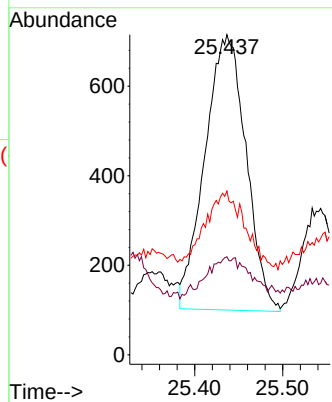
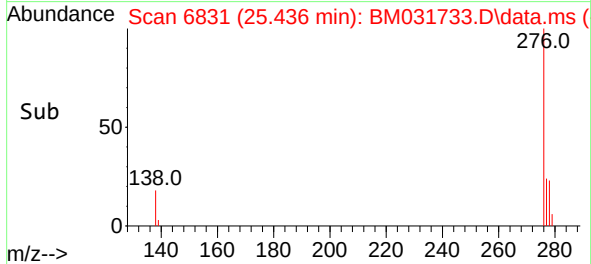
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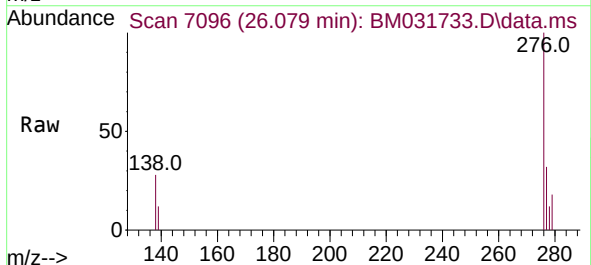
#28
Dibenzo(a,h)anthracene
Concen: 0.128 ng/ul
RT: 25.436 min Scan# 6831
Delta R.T. -0.036 min
Lab File: BM031733.D
Acq: 14 Aug 2021 03:06



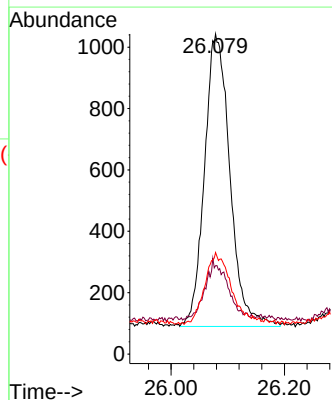
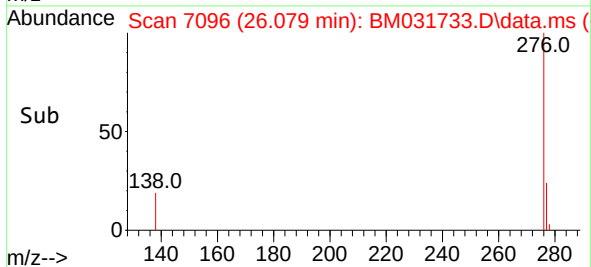
Tgt Ion:278 Resp: 1992
Ion Ratio Lower Upper
278 100
139 30.6 13.3 19.9#
279 51.2 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.181 ng/ul
RT: 26.079 min Scan# 7096
Delta R.T. -0.029 min
Lab File: BM031733.D
Acq: 14 Aug 2021 03:06



Tgt Ion:276 Resp: 2969
Ion Ratio Lower Upper
276 100
138 27.6 15.4 23.2#
277 31.7 19.9 29.9#



Instrument :
BNA_M
ClientSampled :
C00E3DL

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