

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031717.D
 Acq On : 13 Aug 2021 16:28
 Operator : CG/JU
 Sample : M3208-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00E6

Manual Integrations
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mohammad
 8/16/2021 8:40:02 AM

Quant Time: Aug 13 16:58:27 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	1072	0.400	ng/ul	0.00
4) Naphthalene-d8	10.325	136	3977	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.201	164	2341	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.954	188	4319	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.154	240	3564	0.400	ng/ul	# 0.00
23) Perylene-d12	23.309	264	3488	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	4468	3.753	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	1522	0.227	ng/ul	-0.01
18) Fluoranthene-d10	18.986	212	2780	0.234	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.374	128	5860	0.495	ng/ul	99
7) 2-Methylnaphthalene	11.998	142	5119	0.632	ng/ul	98
8) 1-Methylnaphthalene	12.218	142	2902	0.363	ng/ul	99
10) Acenaphthylene	13.923	152	3454	0.346	ng/ul	99
11) Acenaphthene	14.262	153	558m	0.066	ng/ul	
12) Fluorene	15.255	166	746	0.077	ng/ul#	84
15) Phenanthrene	16.996	178	24175	1.763	ng/ul	98
16) Anthracene	17.086	178	4044	0.315	ng/ul	97
19) Fluoranthene	19.020	202	33424	2.196	ng/ul	98
20) Pyrene	19.382	202	26473	1.715	ng/ul	96
21) Benzo(a)anthracene	21.139	228	14923	1.037	ng/ul	92
22) Chrysene	21.190	228	18268	1.227	ng/ul	97
24) Benzo(b)fluoranthene	22.672	252	22807m	1.451	ng/ul	
25) Benzo(k)fluoranthene	22.711	252	7868m	0.485	ng/ul	
26) Benzo(a)pyrene	23.220	252	11331	0.823	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.444	276	9217	0.518	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.453	278	2669	0.186	ng/ul#	53
29) Benzo(g,h,i)perylene	26.093	276	1049	0.069	ng/ul#	48

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

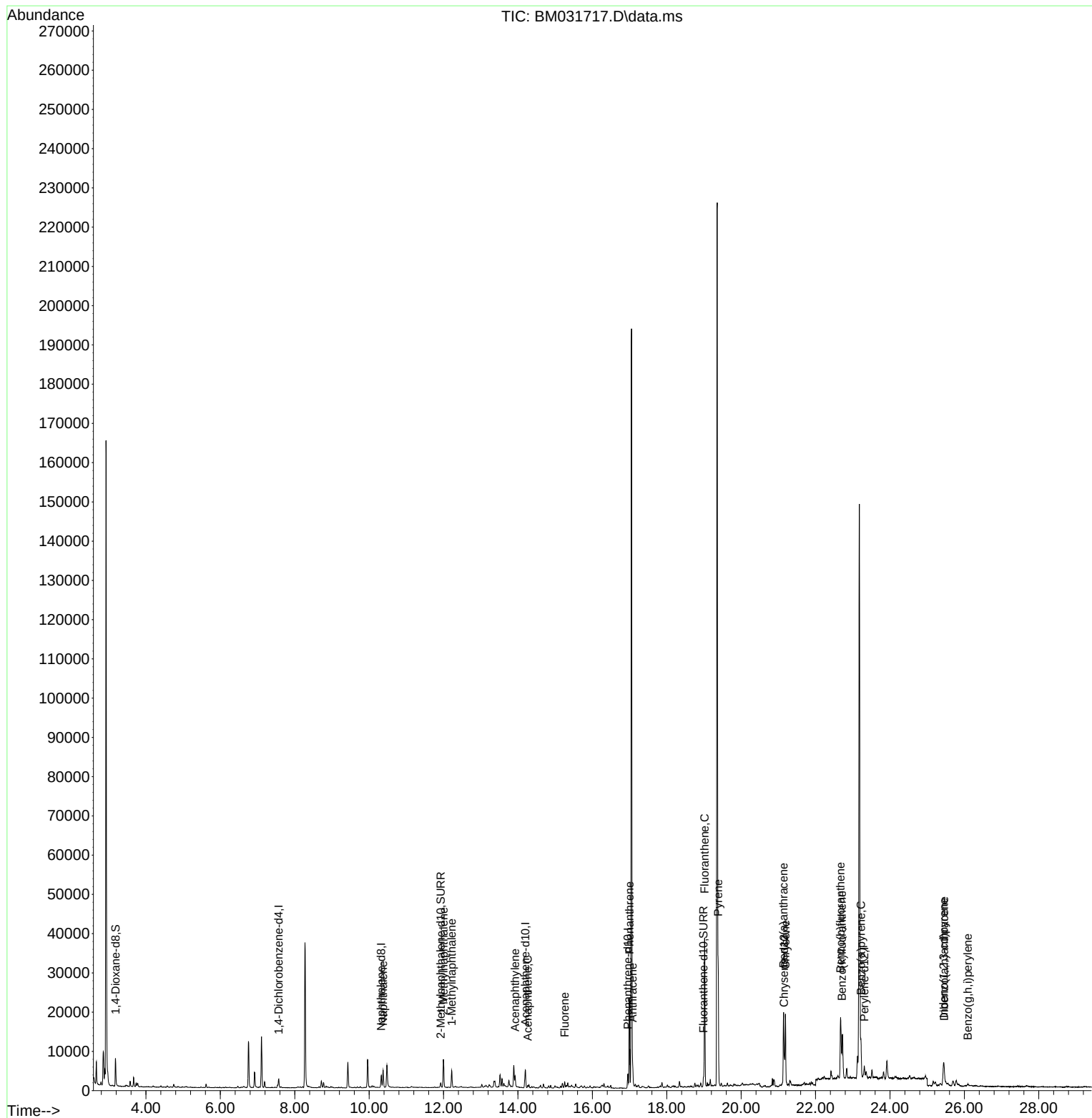
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Data File : BM031717.D
Acq On : 13 Aug 2021 16:28
Operator : CG/JU
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ALS Vial : 7 Sample Multiplier: 1

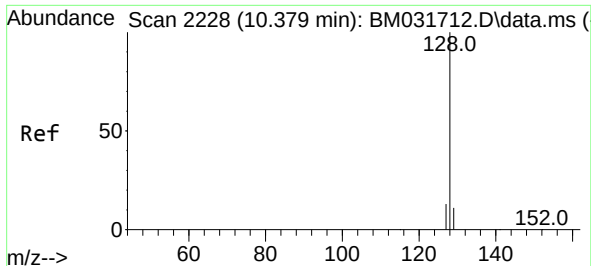
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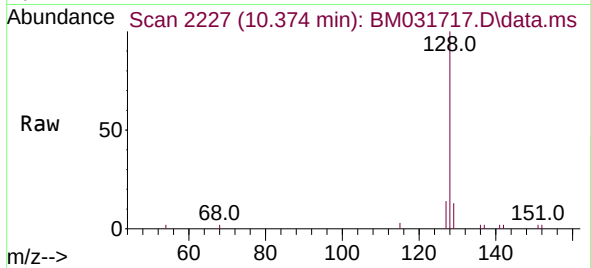
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Quant Time: Aug 13 16:58:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
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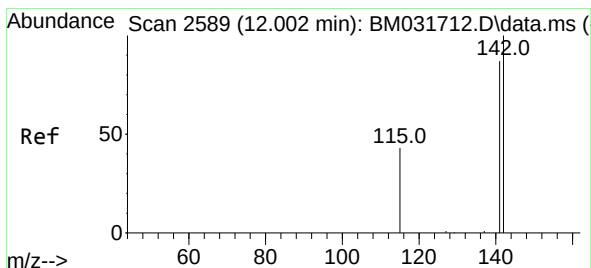
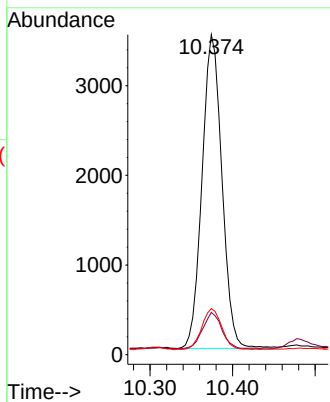
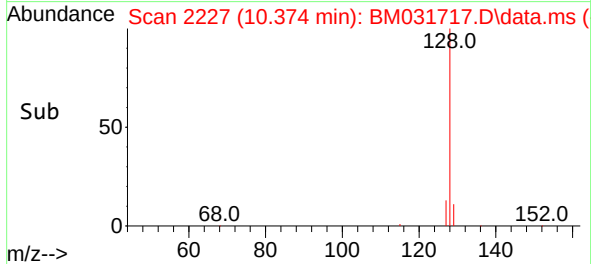




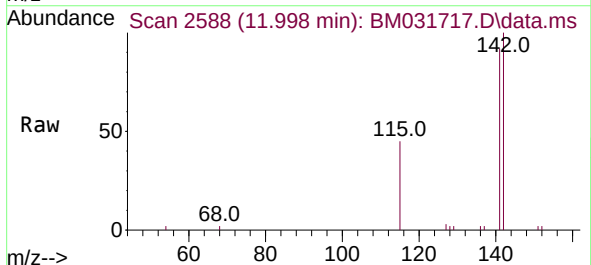
#5
Naphthalene
Concen: 0.495 ng/ul
RT: 10.374 min Scan# 2227
Delta R.T. -0.008 min
Lab File: BM031717.D
Acq: 13 Aug 2021 16:28



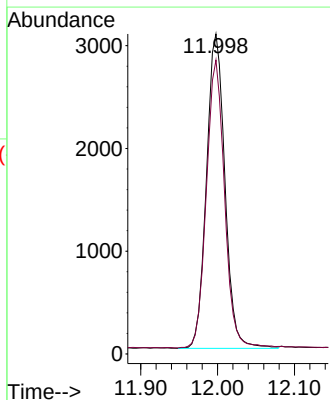
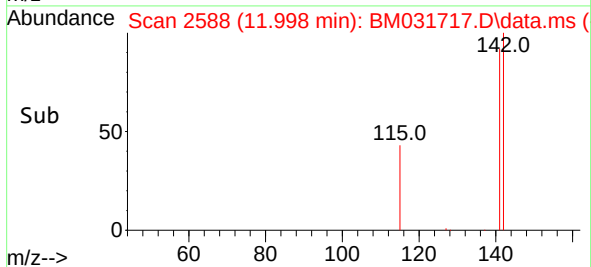
Tgt Ion:128 Resp: 5860
Ion Ratio Lower Upper
128 100
129 13.2 10.0 15.0
127 14.4 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.632 ng/ul
RT: 11.998 min Scan# 2588
Delta R.T. -0.008 min
Lab File: BM031717.D
Acq: 13 Aug 2021 16:28



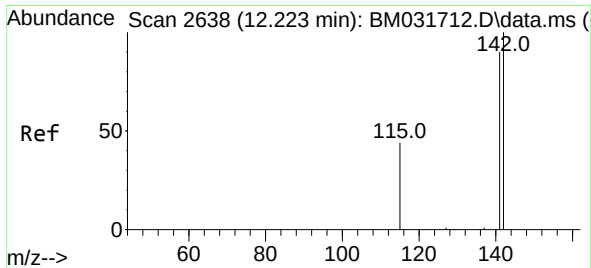
Tgt Ion:142 Resp: 5119
Ion Ratio Lower Upper
142 100
141 90.7 71.4 107.0



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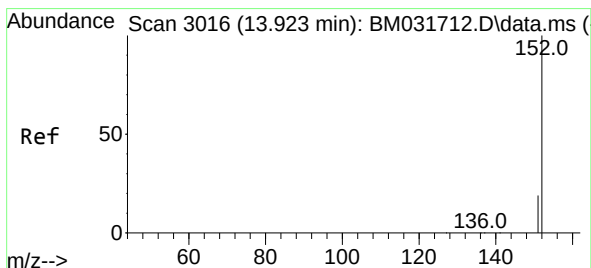
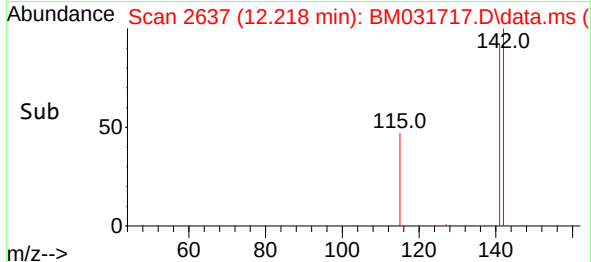
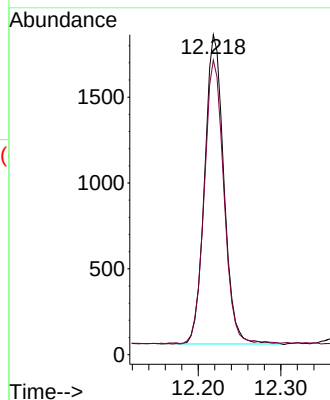
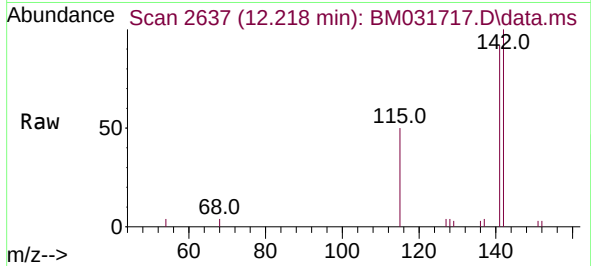
#8
1-Methylnaphthalene
Concen: 0.363 ng/ul
RT: 12.218 min Scan# 2637
Delta R.T. -0.008 min
Lab File: BM031717.D
Acq: 13 Aug 2021 16:28

Tgt Ion:142 Resp: 2902
Ion Ratio Lower Upper
142 100
141 93.3 74.1 111.1

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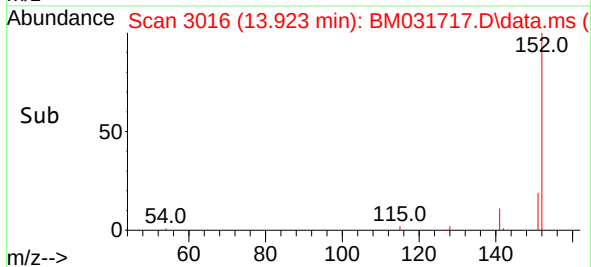
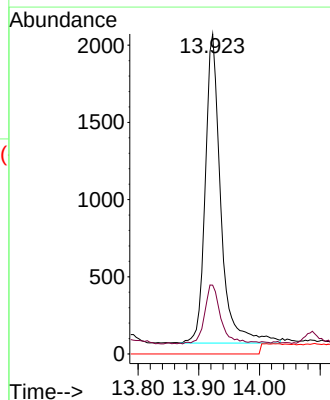
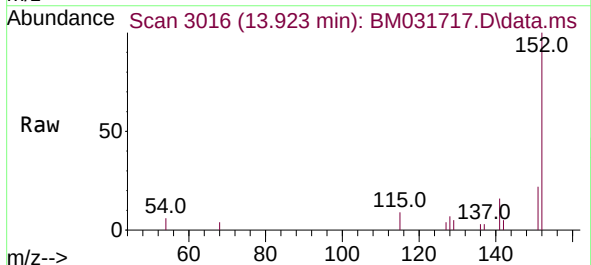
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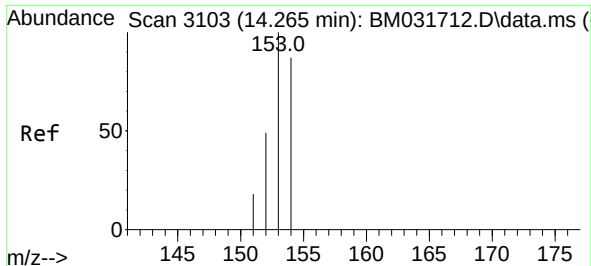
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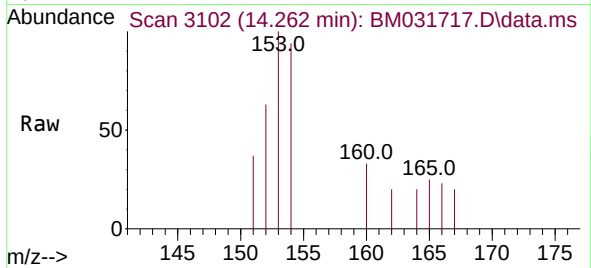
#10
Acenaphthylene
Concen: 0.346 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031717.D
Acq: 13 Aug 2021 16:28

Tgt Ion:152 Resp: 3454
Ion Ratio Lower Upper
152 100
151 21.5 16.9 25.3
153 0.0 0.0 0.0

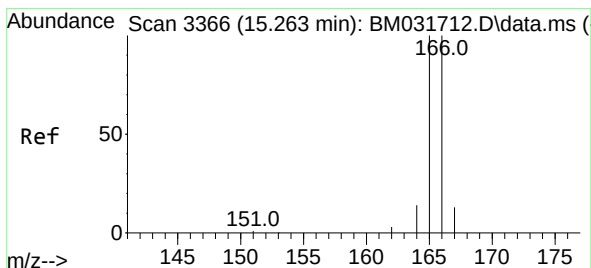
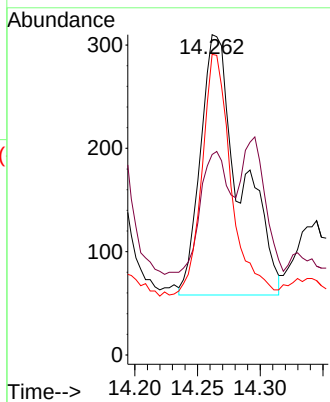
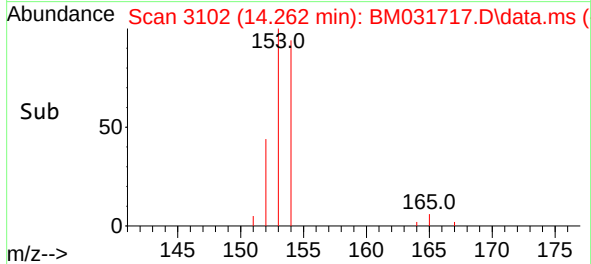




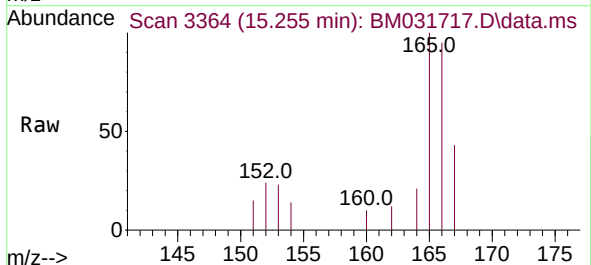
#11
Acenaphthene
Concen: 0.066 ng/ul m
RT: 14.262 min Scan# 3102
Delta R.T. -0.011 min
Lab File: BM031717.D
Acq: 13 Aug 2021 16:28



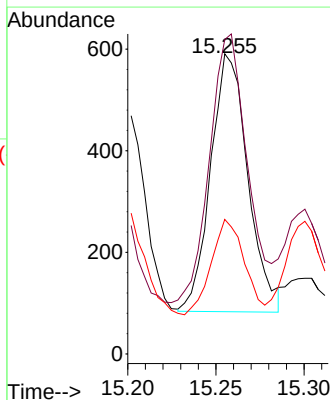
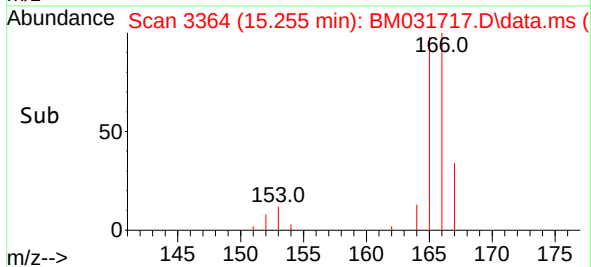
Tgt Ion:153 Resp: 558
Ion Ratio Lower Upper
153 100
152 62.6 40.7 61.1#
154 93.9 70.2 105.2



#12
Fluorene
Concen: 0.077 ng/ul
RT: 15.255 min Scan# 3364
Delta R.T. -0.015 min
Lab File: BM031717.D
Acq: 13 Aug 2021 16:28



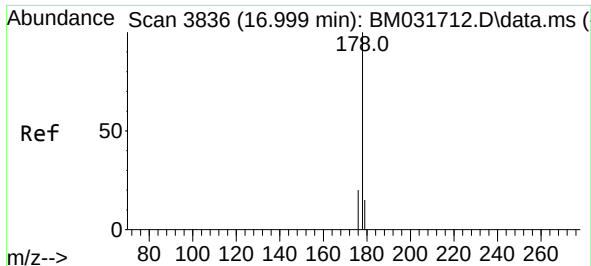
Tgt Ion:166 Resp: 746
Ion Ratio Lower Upper
166 100
165 104.7 78.0 117.0
167 44.8 12.0 18.0#



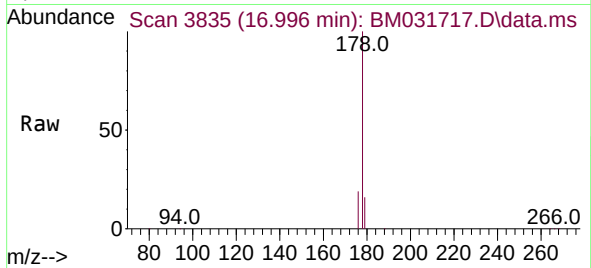
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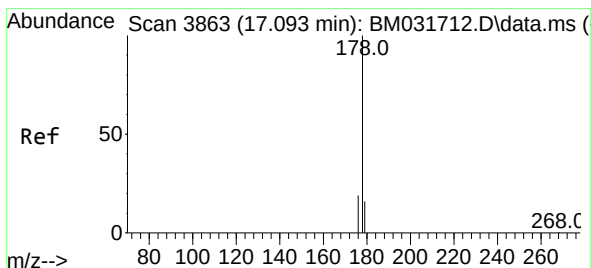
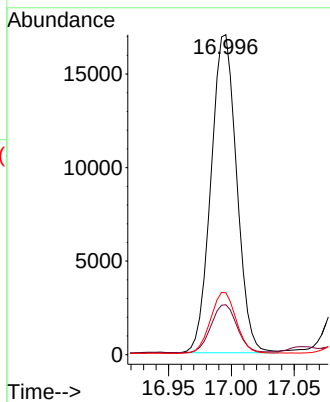
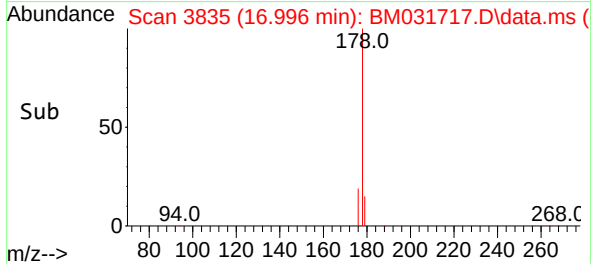
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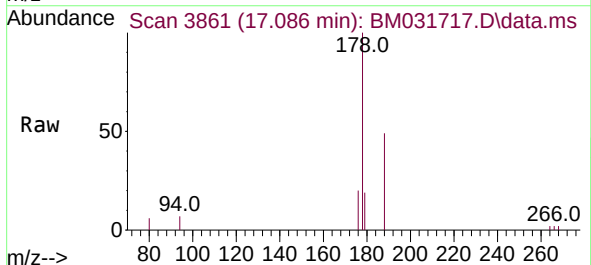
#15
Phenanthrene
Concen: 1.763 ng/ul
RT: 16.996 min Scan# 3835
Delta R.T. -0.007 min
Lab File: BM031717.D
Acq: 13 Aug 2021 16:28



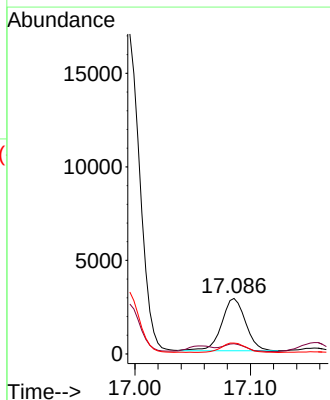
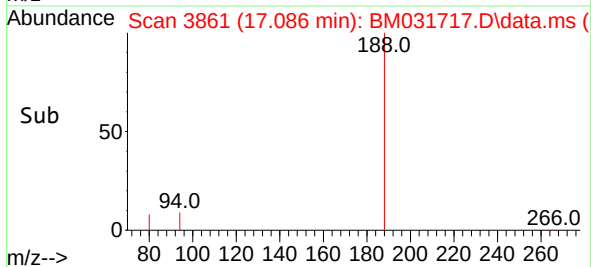
Tgt Ion:	178	Resp:	24175
Ion Ratio	Lower	Upper	
178	100		
179	15.6	13.3	19.9
176	19.4	16.2	24.4



#16
Anthracene
Concen: 0.315 ng/ul
RT: 17.086 min Scan# 3861
Delta R.T. -0.010 min
Lab File: BM031717.D
Acq: 13 Aug 2021 16:28



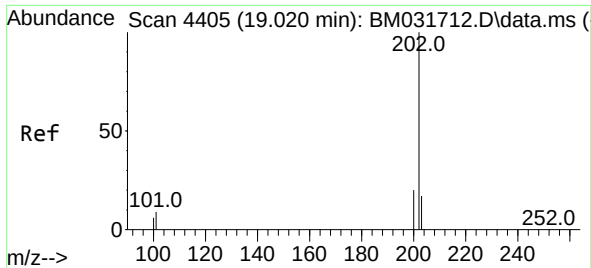
Tgt Ion:	178	Resp:	4044
Ion Ratio	Lower	Upper	
178	100		
179	18.5	13.0	19.6
176	19.7	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
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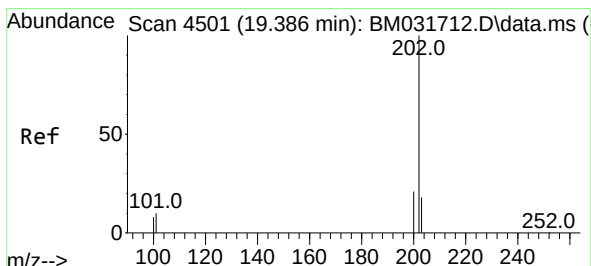
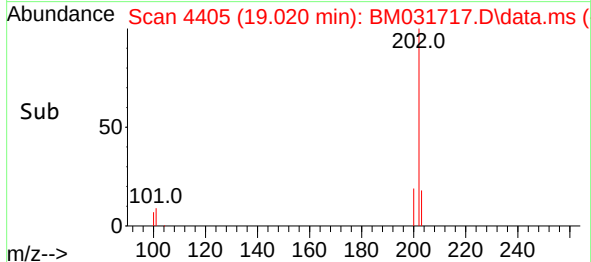
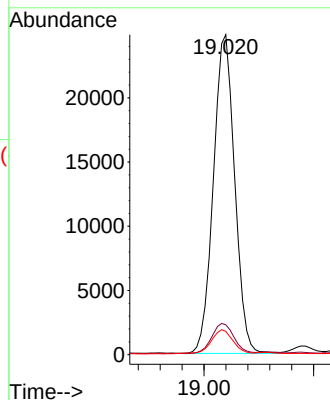
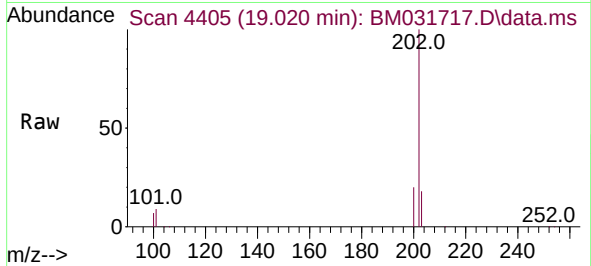
#19
Fluoranthene
Concen: 2.196 ng/ul
RT: 19.020 min Scan# 4405
Delta R.T. -0.007 min
Lab File: BM031717.D
Acq: 13 Aug 2021 16:28

Tgt Ion:	202	Resp:	33424
Ion Ratio	Lower	Upper	
202	100		
101	9.3	6.6	10.0
100	7.3	5.4	8.0

Instrument :
BNA_M
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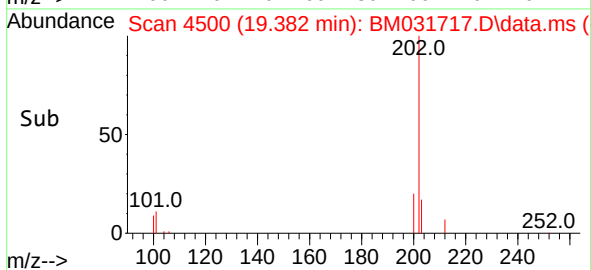
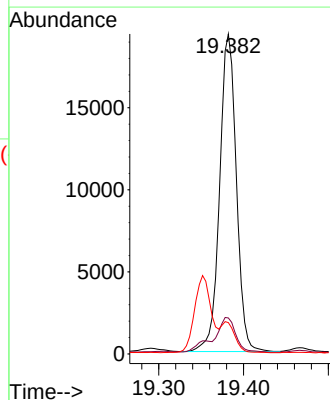
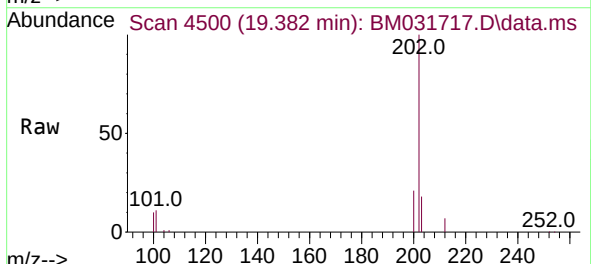
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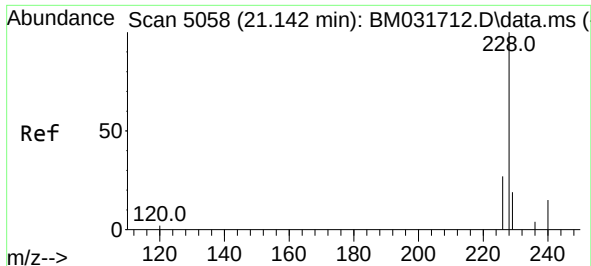
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#20
Pyrene
Concen: 1.715 ng/ul
RT: 19.382 min Scan# 4500
Delta R.T. -0.007 min
Lab File: BM031717.D
Acq: 13 Aug 2021 16:28

Tgt Ion:	202	Resp:	26473
Ion Ratio	Lower	Upper	
202	100		
101	11.3	7.8	11.6
100	9.8	6.6	10.0





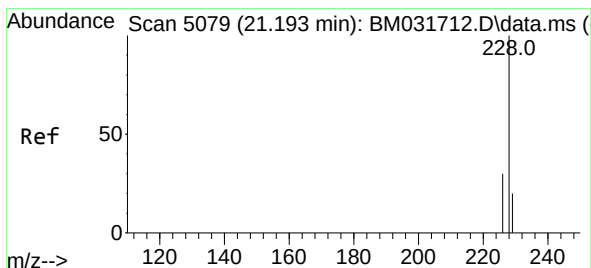
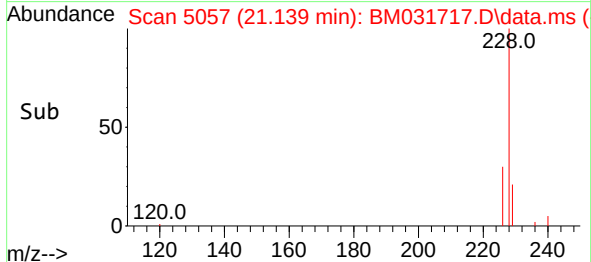
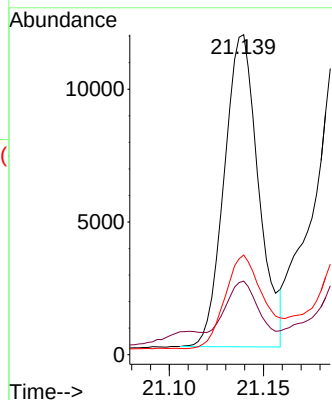
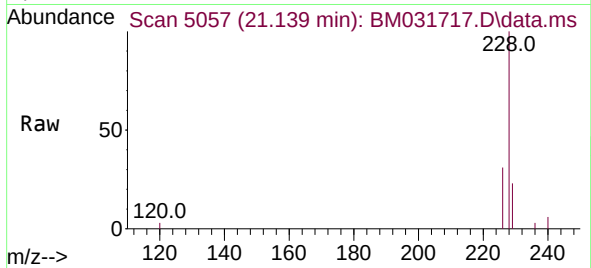
#21
Benzo(a)anthracene
Concen: 1.037 ng/ul
RT: 21.139 min Scan# 5057
Delta R.T. -0.005 min
Lab File: BM031717.D
Acq: 13 Aug 2021 16:28

Tgt Ion:228	Resp:	14923
Ion Ratio	Lower	Upper
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229	23.0	15.6 23.4
226	31.1	21.7 32.5

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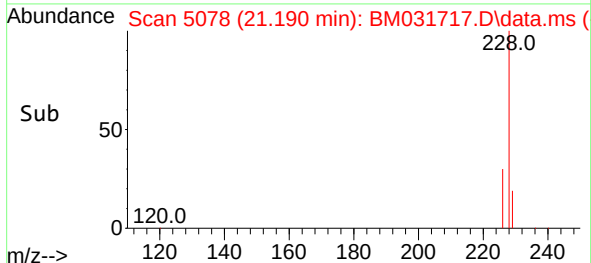
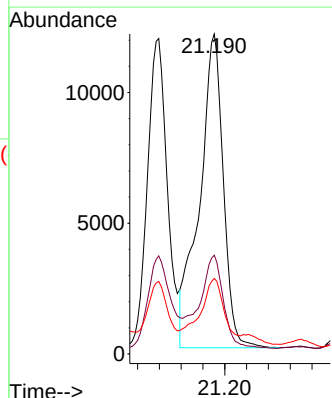
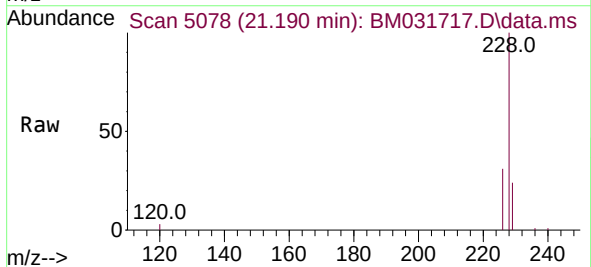
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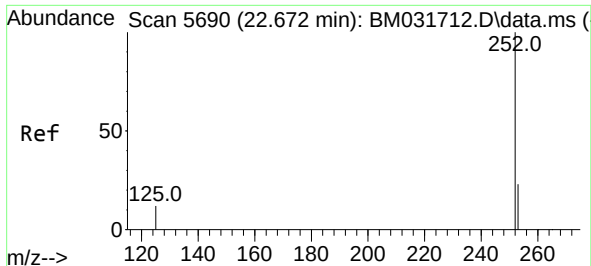
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#22
Chrysene
Concen: 1.227 ng/ul
RT: 21.190 min Scan# 5078
Delta R.T. -0.005 min
Lab File: BM031717.D
Acq: 13 Aug 2021 16:28

Tgt Ion:228	Resp:	18268
Ion Ratio	Lower	Upper
228	100	
226	30.9	24.7 37.1
229	23.6	16.2 24.2





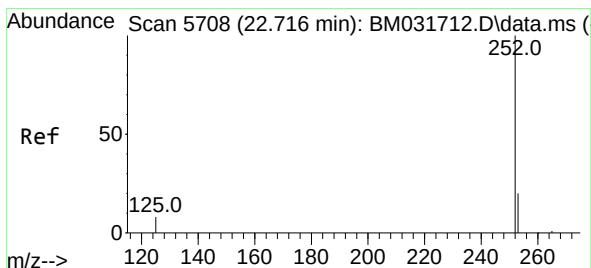
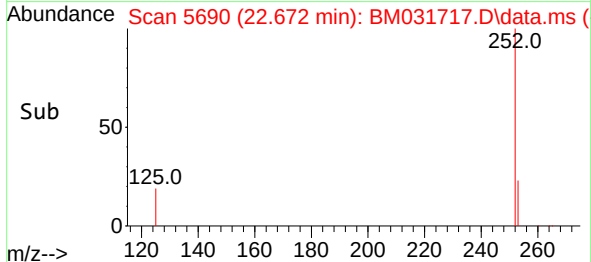
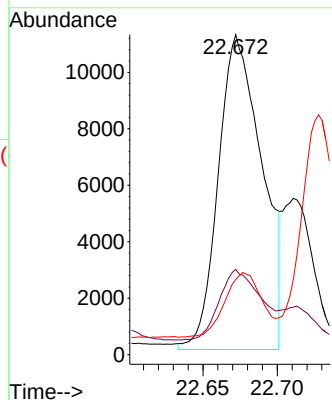
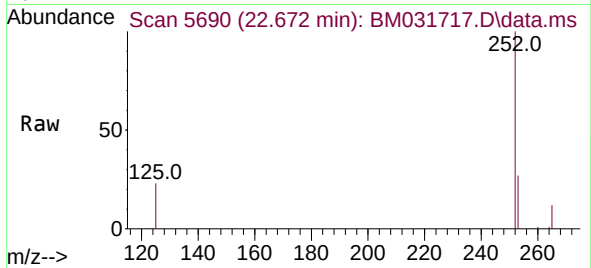
#24
Benzo(b)fluoranthene
Concen: 1.451 ng/ul m
RT: 22.672 min Scan# 5690
Delta R.T. -0.005 min
Lab File: BM031717.D
Acq: 13 Aug 2021 16:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	0.0	53.0
125	23.5	0.0	22.8#

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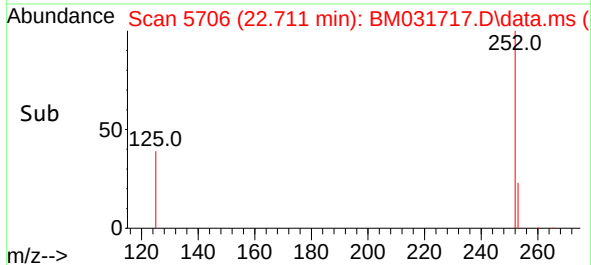
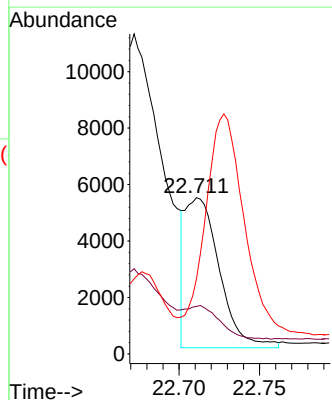
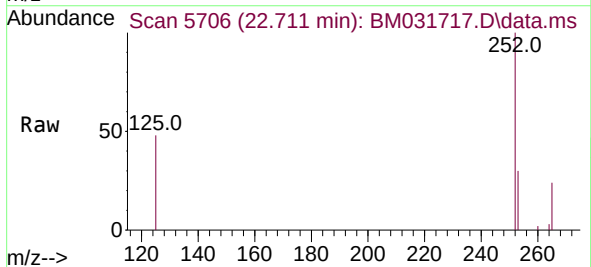
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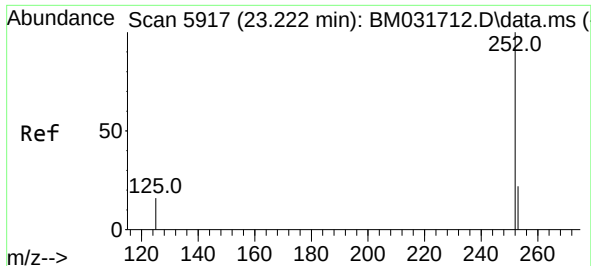
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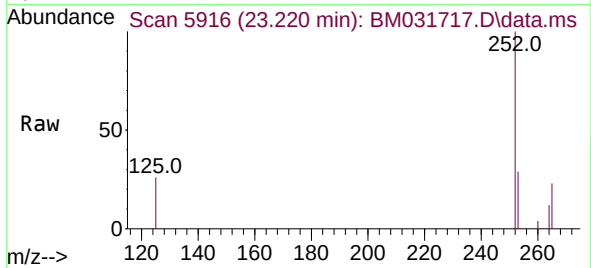
#25
Benzo(k)fluoranthene
Concen: 0.485 ng/ul m
RT: 22.711 min Scan# 5706
Delta R.T. -0.009 min
Lab File: BM031717.D
Acq: 13 Aug 2021 16:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.4	21.3	31.9
125	48.2	8.8	13.2#

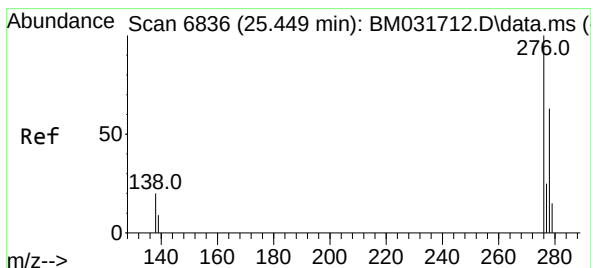
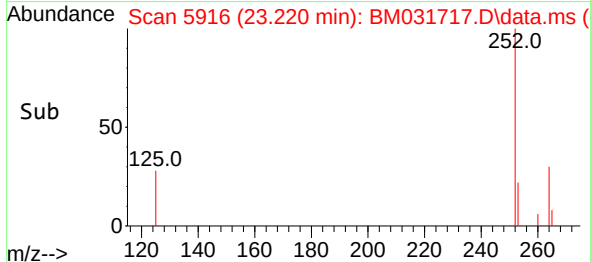
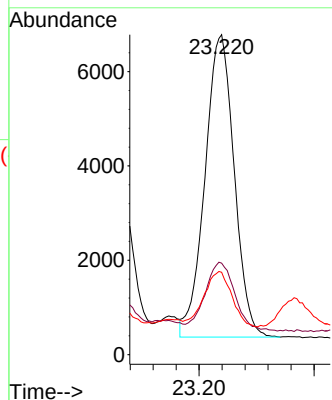




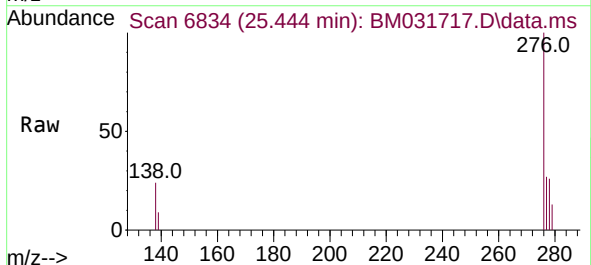
#26
Benzo(a)pyrene
Concen: 0.823 ng/ul
RT: 23.220 min Scan# 5916
Delta R.T. -0.007 min
Lab File: BM031717.D
Acq: 13 Aug 2021 16:28



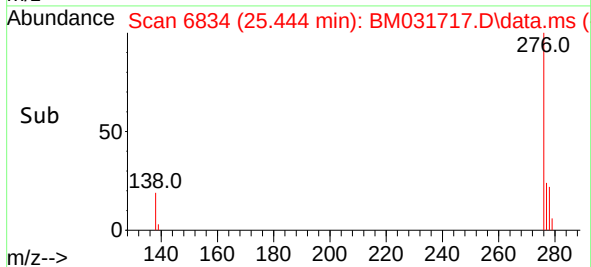
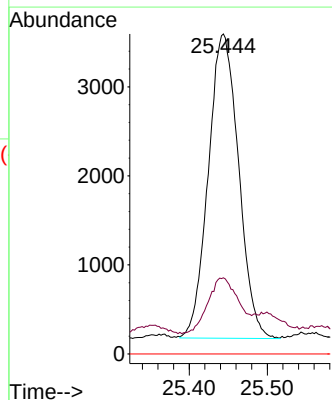
Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.6	22.4	33.6
125	25.8	13.0	19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.518 ng/ul
RT: 25.444 min Scan# 6834
Delta R.T. -0.017 min
Lab File: BM031717.D
Acq: 13 Aug 2021 16:28



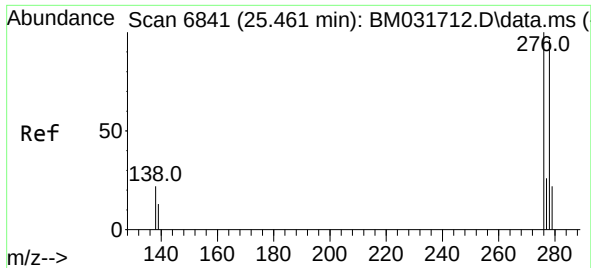
Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	15.8	23.8
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampled :
C00E6

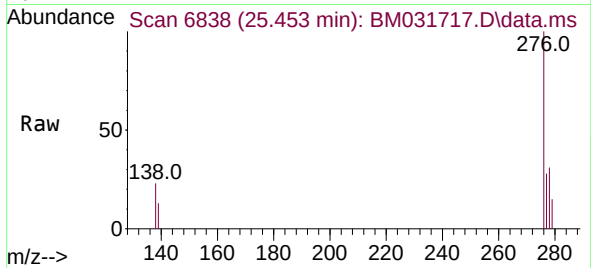
Manual Integrations
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#28
Dibenzo(a,h)anthracene
Concen: 0.186 ng/ul
RT: 25.453 min Scan# 6838
Delta R.T. -0.019 min
Lab File: BM031717.D
Acq: 13 Aug 2021 16:28

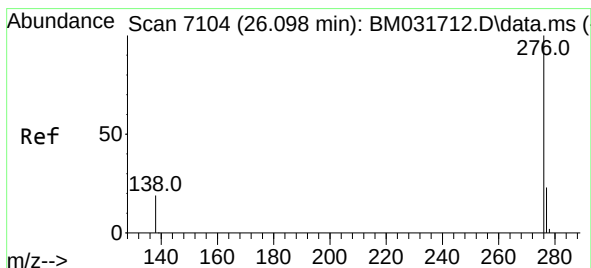
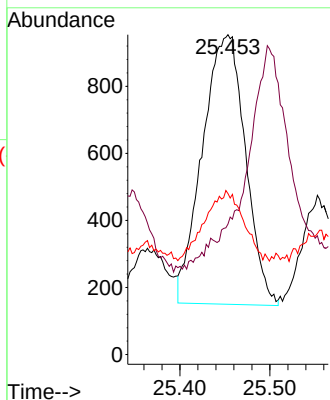
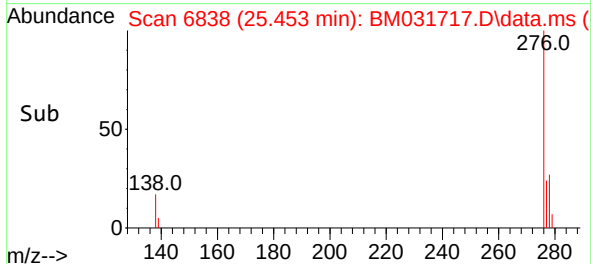
Instrument :
BNA_M
ClientSampled :
C00E6



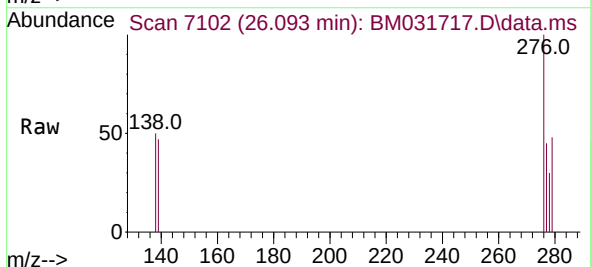
Tgt Ion:278 Resp: 2669
Ion Ratio Lower Upper
278 100
139 40.8 13.3 19.9#
279 50.3 22.8 34.2#

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.069 ng/ul
RT: 26.093 min Scan# 7102
Delta R.T. -0.014 min
Lab File: BM031717.D
Acq: 13 Aug 2021 16:28



Tgt Ion:276 Resp: 1049
Ion Ratio Lower Upper
276 100
138 50.4 15.4 23.2#
277 44.6 19.9 29.9#

