

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
 Data File : BM031616.D
 Acq On : 09 Aug 2021 22:58
 Operator : CG/JU
 Sample : M3169-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00A4

Manual Integrations
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Quant Time: Aug 10 02:55:38 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 : Tue Aug 10 02:43:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.580	152	1390	0.400	ng/ul	0.00
4) Naphthalene-d8	10.338	136	5240	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.212	164	3347	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.964	188	5679	0.400	ng/ul #	0.00
17) Chrysene-d12	21.159	240	4362	0.400	ng/ul #	0.00
23) Perylene-d12	23.314	264	4633	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	7131	4.619	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.935	152	2822	0.320	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	5568	0.382	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.388	128	36151	2.316	ng/ul	97
7) 2-Methylnaphthalene	12.007	142	20963	1.966	ng/ul	100
8) 1-Methylnaphthalene	12.232	142	12864	1.221	ng/ul	100
10) Acenaphthylene	13.936	152	53496	3.753	ng/ul	97
11) Acenaphthene	14.277	153	9200	0.767	ng/ul	99
12) Fluorene	15.270	166	22567	1.634	ng/ul#	98
15) Phenanthrene	17.006	178	433374	24.032	ng/ul	97
16) Anthracene	17.096	178	96900	5.739	ng/ul	98
19) Fluoranthene	19.028	202	793754	42.615	ng/ul	97
20) Pyrene	19.394	202	651801	34.502	ng/ul	97
21) Benzo(a)anthracene	21.142	228	325667	18.489	ng/ul	97
22) Chrysene	21.195	228	317512	17.423	ng/ul	97
24) Benzo(b)fluoranthene	22.679	252	425718m	20.394	ng/ul	
25) Benzo(k)fluoranthene	22.716	252	144514m	6.701	ng/ul	
26) Benzo(a)pyrene	23.224	252	307276m	16.809	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.453	276	206446	8.736	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.453	278	50408	2.647	ng/ul#	92
29) Benzo(g,h,i)perylene	26.105	276	171366	8.501	ng/ul	98

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

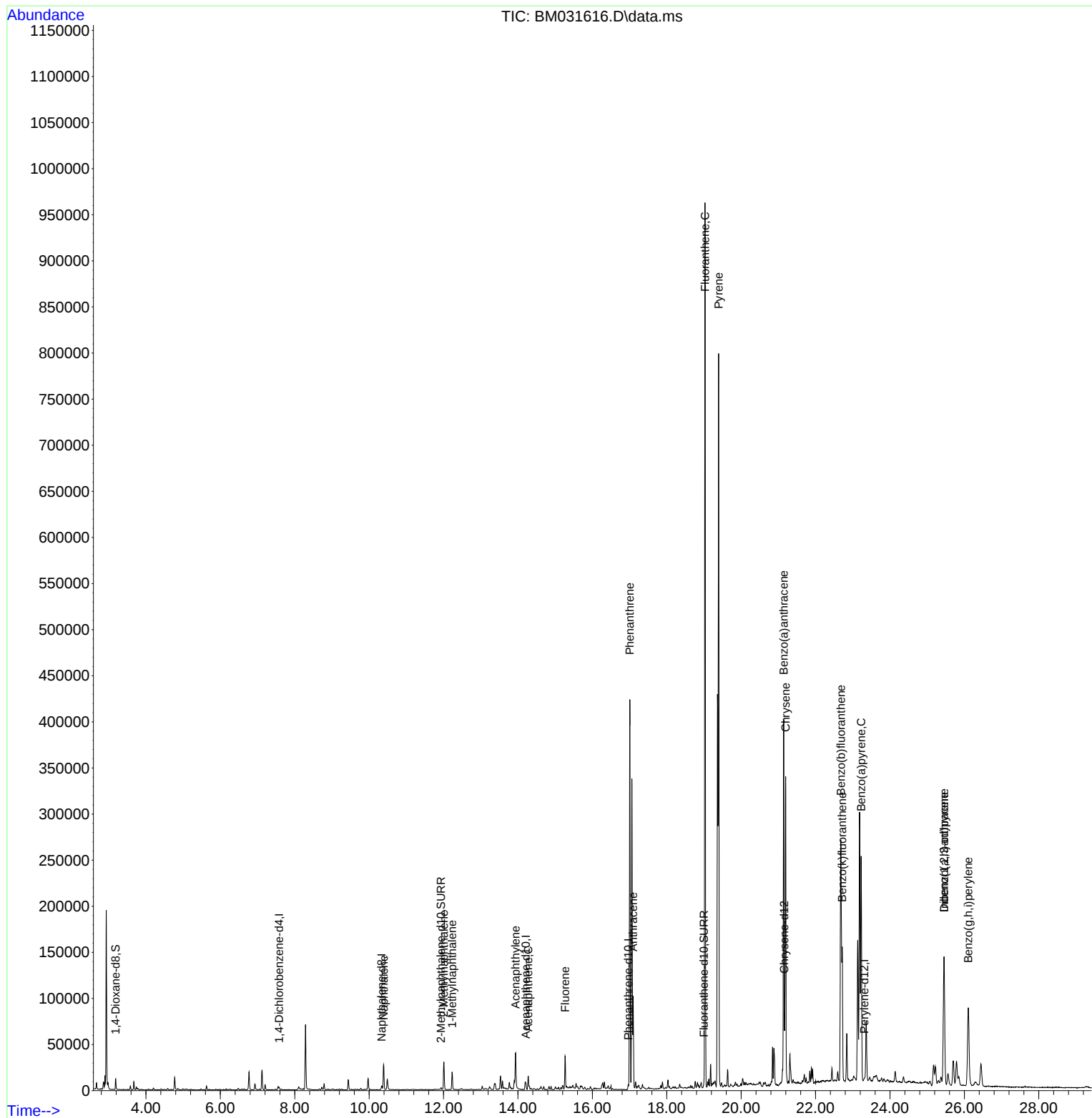
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080921\
Data File : BM031616.D
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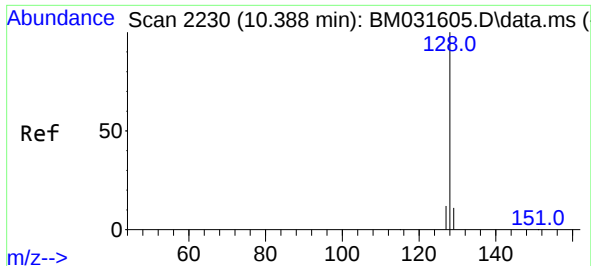
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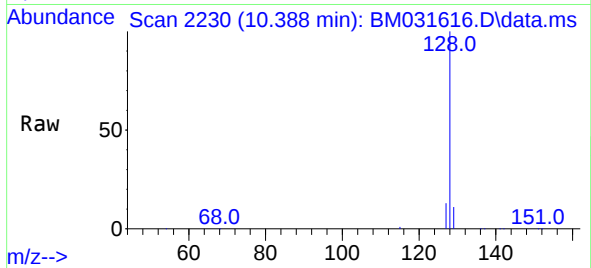
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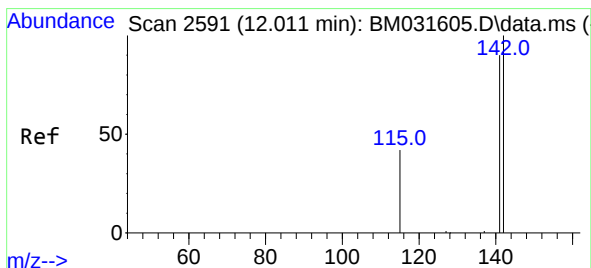
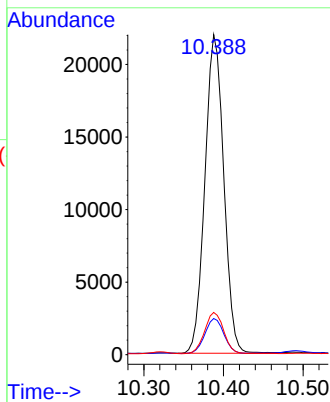
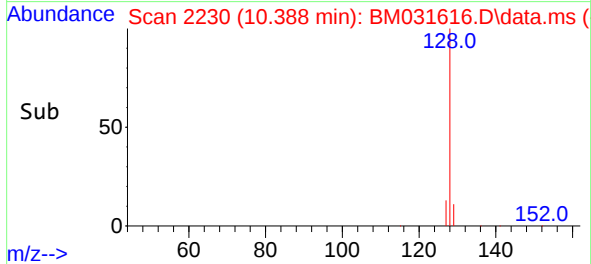




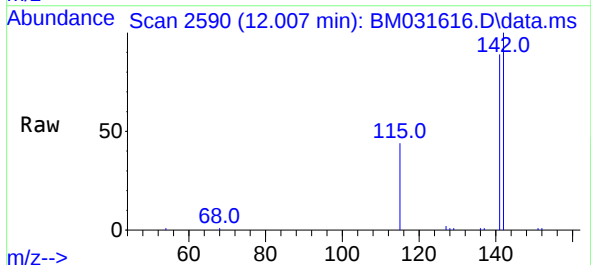
#5
Naphthalene
Concen: 2.316 ng/ul
RT: 10.388 min Scan# 2230
Delta R.T. -0.000 min
Lab File: BM031616.D
Acq: 09 Aug 2021 22:58



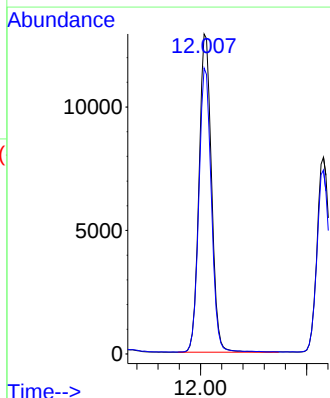
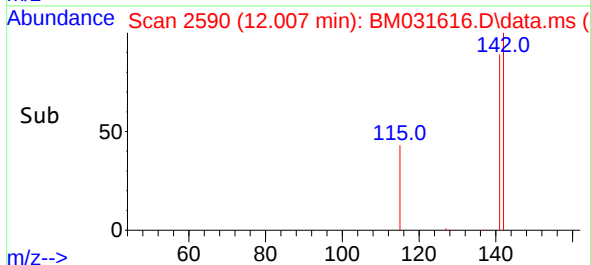
Tgt Ion:128 Resp: 36151
Ion Ratio Lower Upper
128 100
129 11.3 10.0 15.0
127 13.2 11.6 17.4



#7
2-Methylnaphthalene
Concen: 1.966 ng/ul
RT: 12.007 min Scan# 2590
Delta R.T. -0.005 min
Lab File: BM031616.D
Acq: 09 Aug 2021 22:58



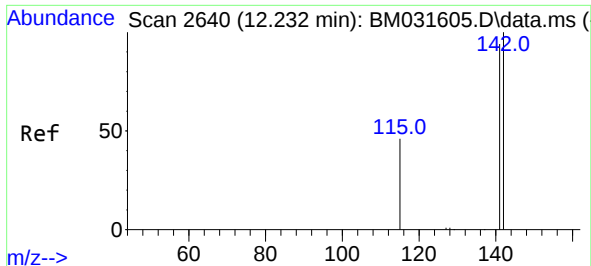
Tgt Ion:142 Resp: 20963
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.0



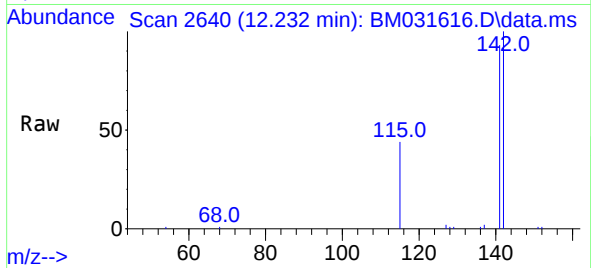
Instrument :
BNA_M
ClientSampled :
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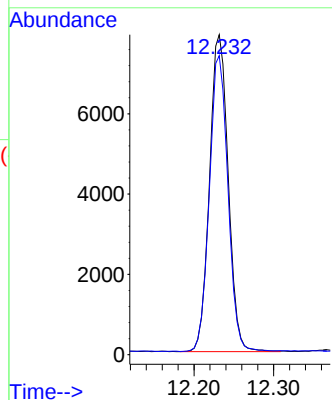
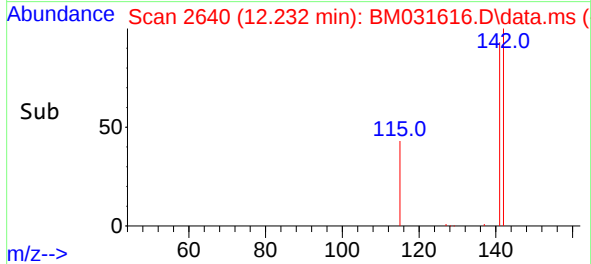
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#8
1-Methylnaphthalene
Concen: 1.221 ng/ul
RT: 12.232 min Scan# 2640
Delta R.T. -0.000 min
Lab File: BM031616.D
Acq: 09 Aug 2021 22:58



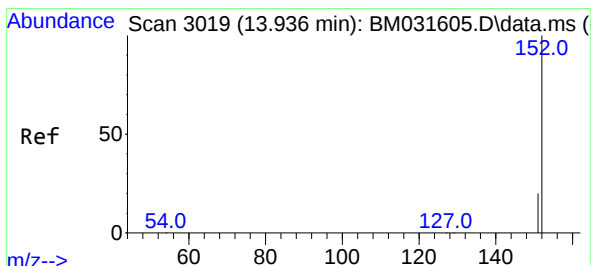
Tgt Ion:142 Resp: 12864
Ion Ratio Lower Upper
142 100
141 92.8 74.1 111.1



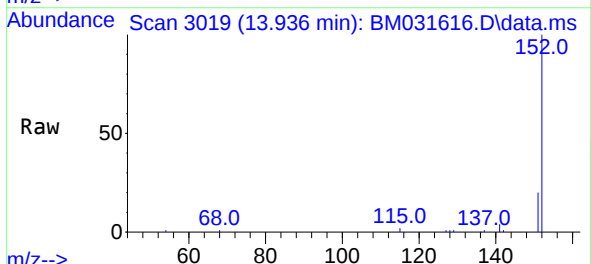
Instrument :
BNA_M
ClientSampleId :
C00A4

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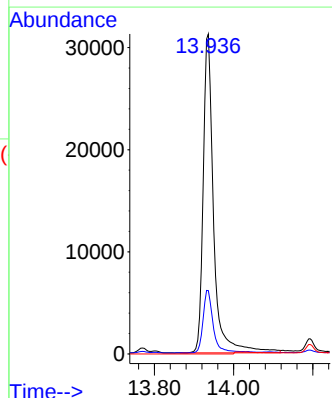
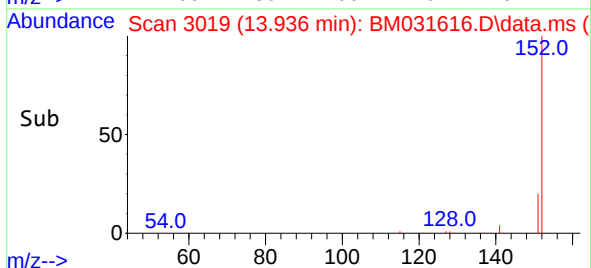
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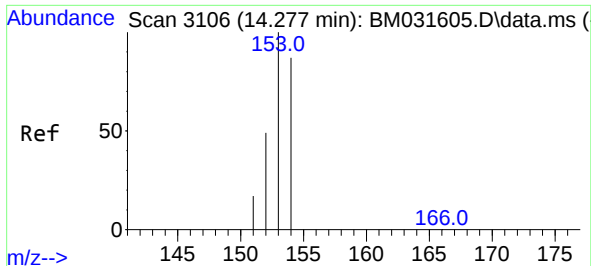


#10
Acenaphthylene
Concen: 3.753 ng/ul
RT: 13.936 min Scan# 3019
Delta R.T. 0.004 min
Lab File: BM031616.D
Acq: 09 Aug 2021 22:58

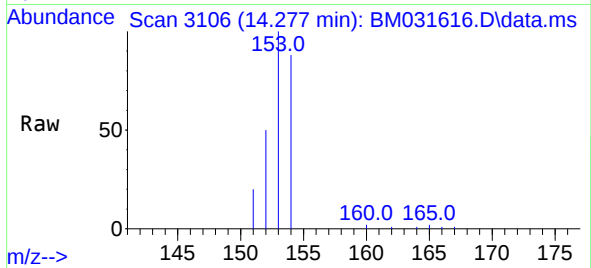


Tgt Ion:152 Resp: 53496
Ion Ratio Lower Upper
152 100
151 19.8 16.9 25.3
153 0.0 0.0 0.0

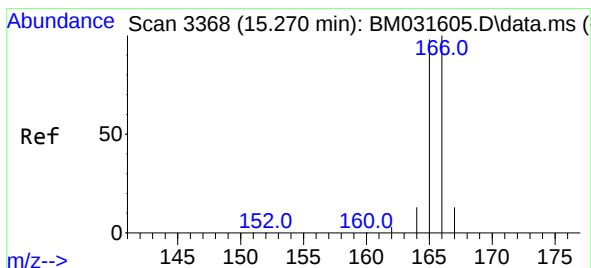
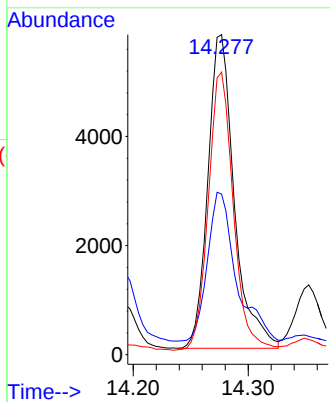
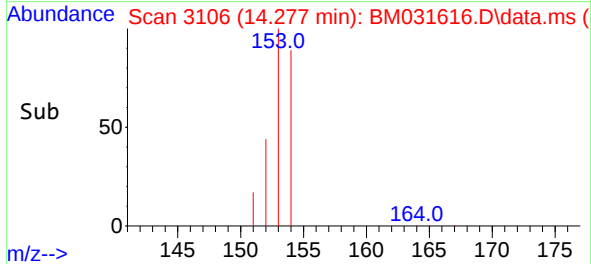




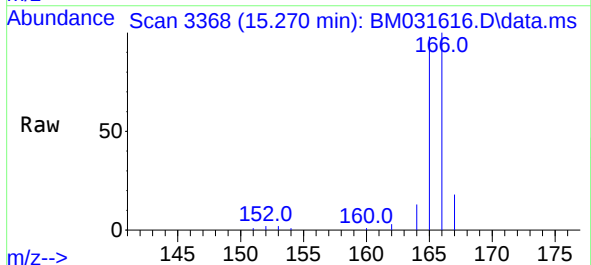
#11
Acenaphthene
Concen: 0.767 ng/ul
RT: 14.277 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BM031616.D
Acq: 09 Aug 2021 22:58



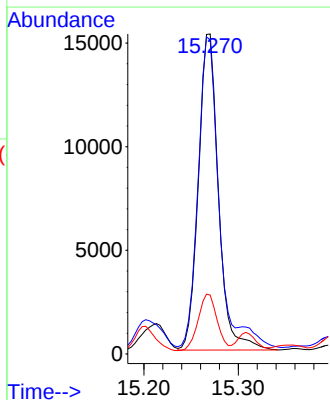
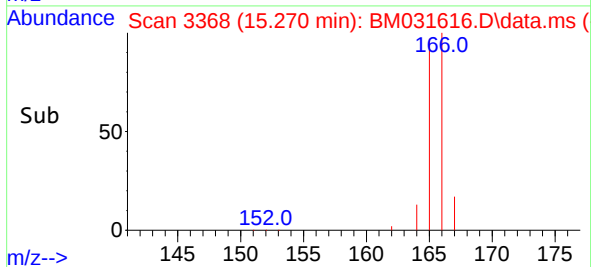
Tgt Ion:153 Resp: 9200
Ion Ratio Lower Upper
153 100
152 50.2 40.7 61.1
154 88.3 70.2 105.2



#12
Fluorene
Concen: 1.634 ng/ul
RT: 15.270 min Scan# 3368
Delta R.T. -0.000 min
Lab File: BM031616.D
Acq: 09 Aug 2021 22:58



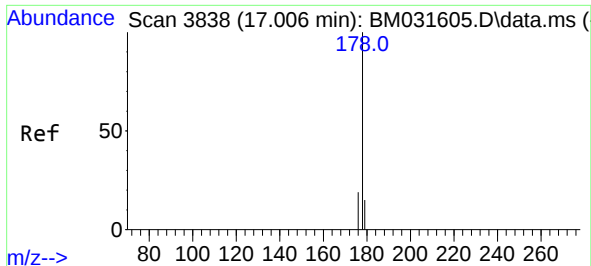
Tgt Ion:166 Resp: 22567
Ion Ratio Lower Upper
166 100
165 98.2 78.0 117.0
167 18.4 12.0 18.0#



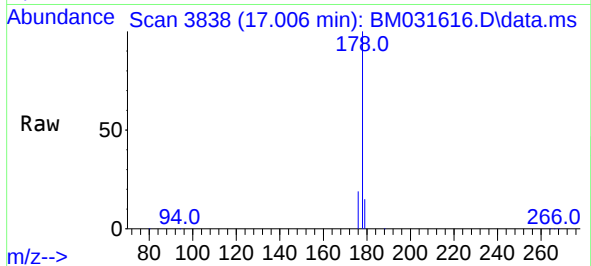
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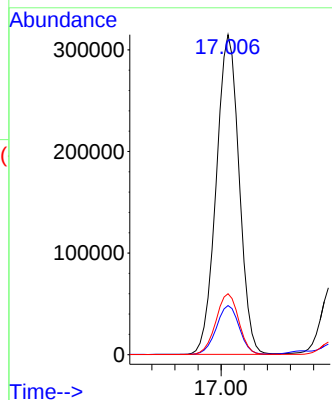


#15
Phenanthrene
Concen: 24.032 ng/ul
RT: 17.006 min Scan# 3838
Delta R.T. -0.004 min
Lab File: BM031616.D
Acq: 09 Aug 2021 22:58



Tgt Ion:178 Resp: 433374

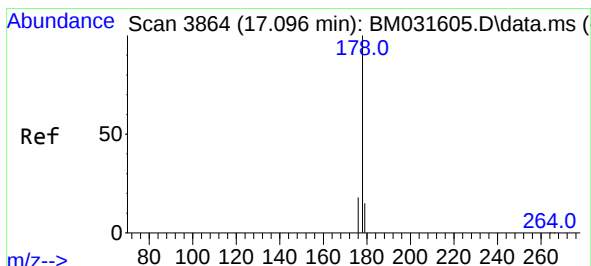
Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.3	19.9
176	19.1	16.2	24.4



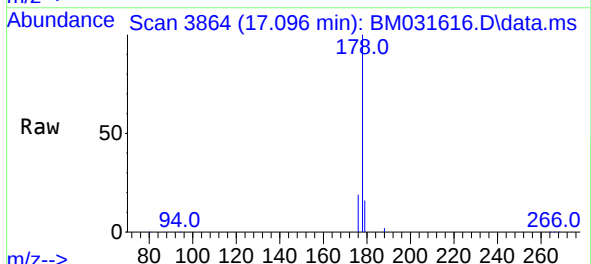
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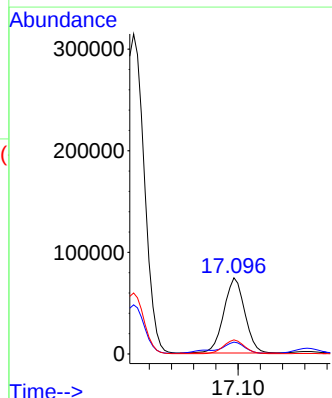


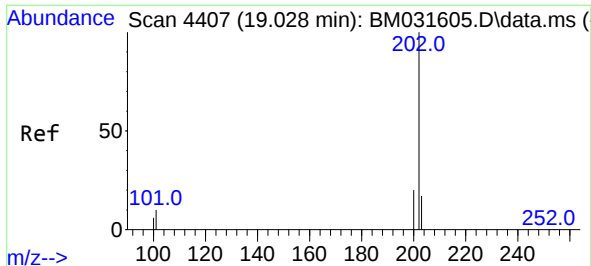
#16
Anthracene
Concen: 5.739 ng/ul
RT: 17.096 min Scan# 3864
Delta R.T. -0.007 min
Lab File: BM031616.D
Acq: 09 Aug 2021 22:58



Tgt Ion:178 Resp: 96900

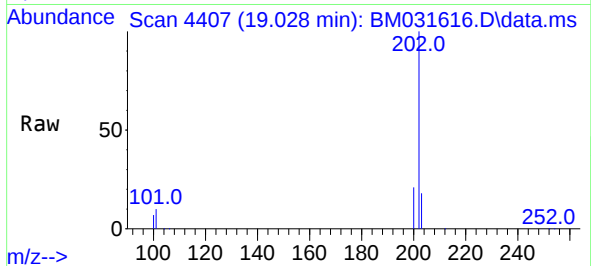
Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.0	19.6
176	18.5	15.6	23.4





#19
Fluoranthene
Concen: 42.615 ng/u1
RT: 19.028 min Scan# 4407
Delta R.T. -0.000 min
Lab File: BM031616.D
Acq: 09 Aug 2021 22:58

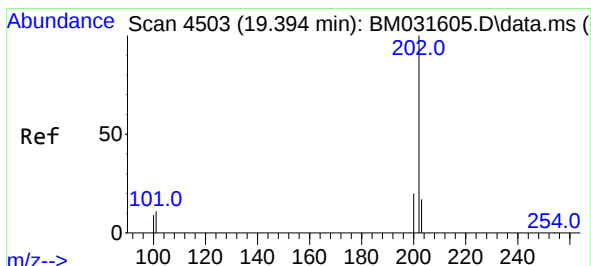
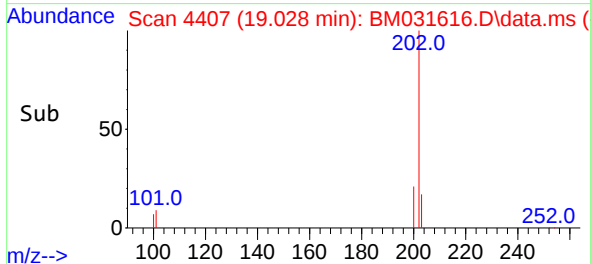
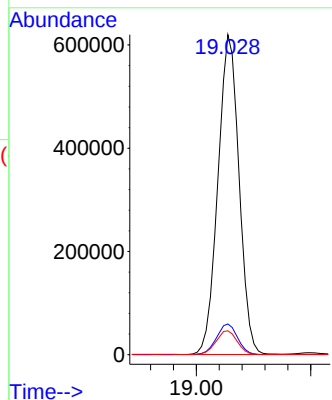
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BNA_M
ClientSampled :
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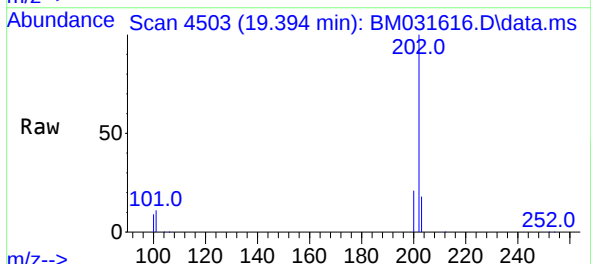
Tgt Ion:202 Resp: 793754
Ion Ratio Lower Upper
202 100
101 9.6 6.6 10.0
100 7.5 5.4 8.0

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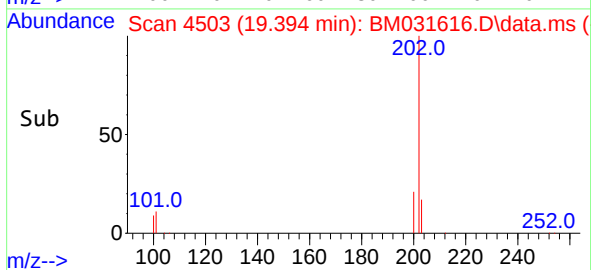
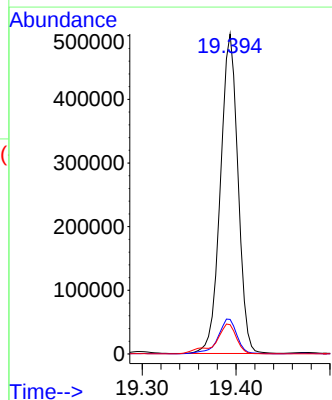
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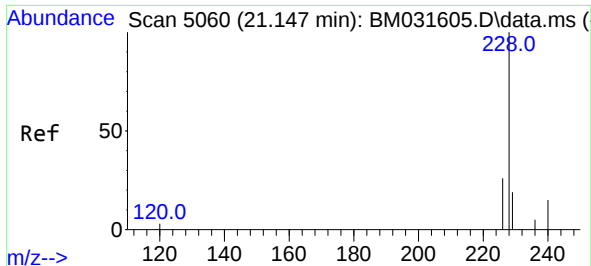


#20
Pyrene
Concen: 34.502 ng/u1
RT: 19.394 min Scan# 4503
Delta R.T. -0.000 min
Lab File: BM031616.D
Acq: 09 Aug 2021 22:58



Tgt Ion:202 Resp: 651801
Ion Ratio Lower Upper
202 100
101 10.8 7.8 11.6
100 9.1 6.6 10.0





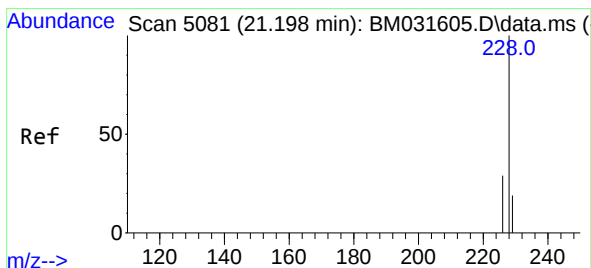
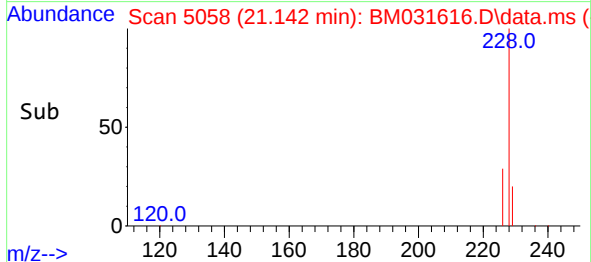
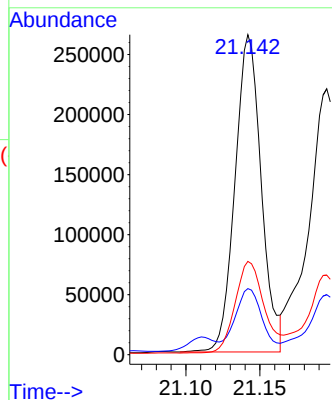
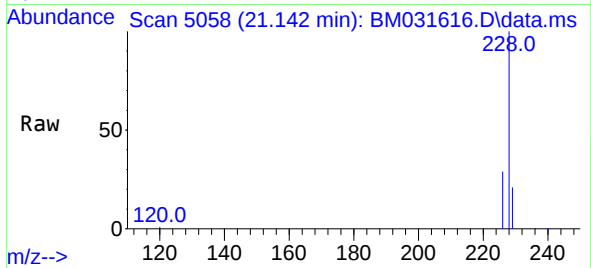
#21
Benzo(a)anthracene
Concen: 18.489 ng/u1
RT: 21.142 min Scan# 5058
Delta R.T. -0.005 min
Lab File: BM031616.D
Acq: 09 Aug 2021 22:58

Tgt Ion:228 Resp: 325667
Ion Ratio Lower Upper
228 100
229 20.6 15.6 23.4
226 29.2 21.7 32.5

Instrument :
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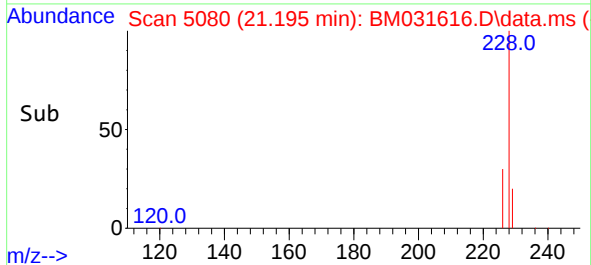
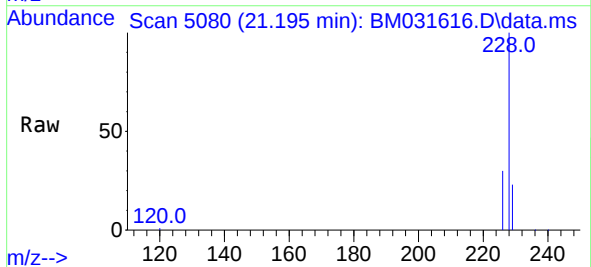
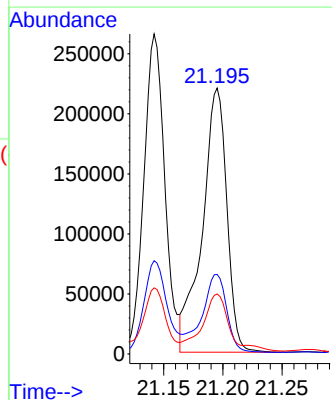
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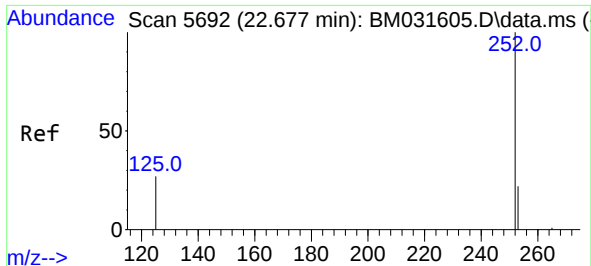
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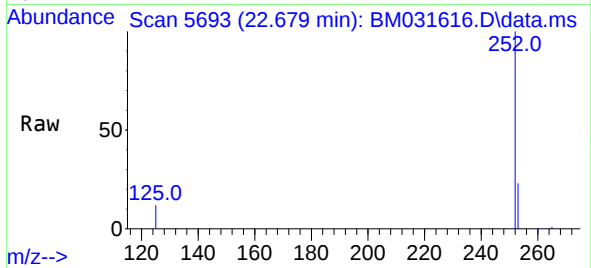
#22
Chrysene
Concen: 17.423 ng/u1
RT: 21.195 min Scan# 5080
Delta R.T. -0.000 min
Lab File: BM031616.D
Acq: 09 Aug 2021 22:58

Tgt Ion:228 Resp: 317512
Ion Ratio Lower Upper
228 100
226 29.9 24.7 37.1
229 22.6 16.2 24.2

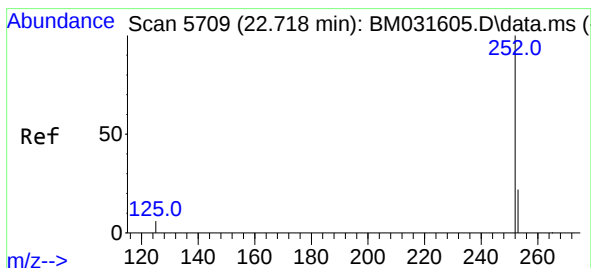
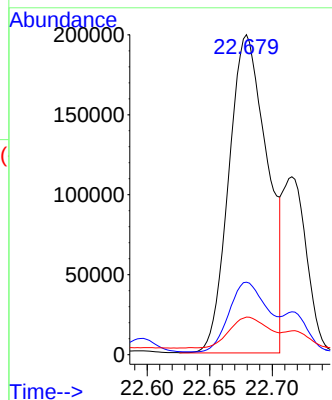
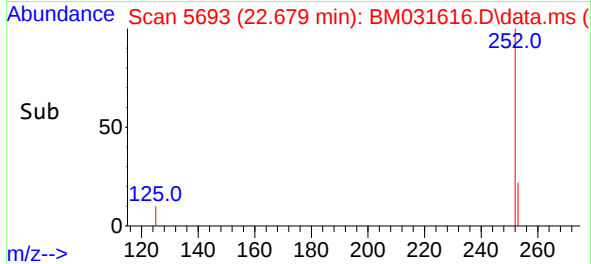




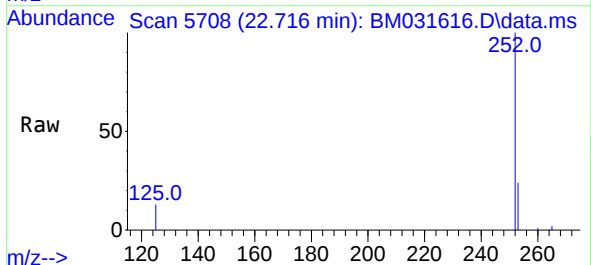
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Benzo(b)fluoranthene
Concen: 20.394 ng/ul m
RT: 22.679 min Scan# 5693
Delta R.T. 0.002 min
Lab File: BM031616.D
Acq: 09 Aug 2021 22:58



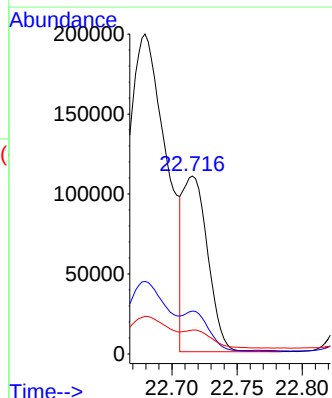
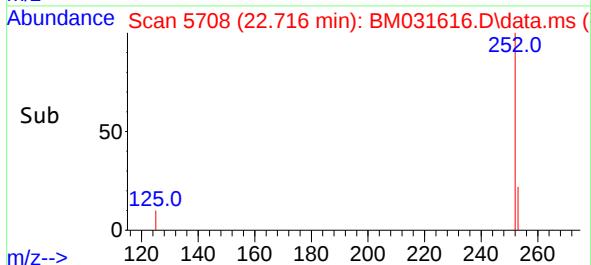
Tgt Ion:252 Resp: 425718
Ion Ratio Lower Upper
252 100
253 22.6 0.0 53.0
125 11.7 0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 6.701 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. -0.005 min
Lab File: BM031616.D
Acq: 09 Aug 2021 22:58



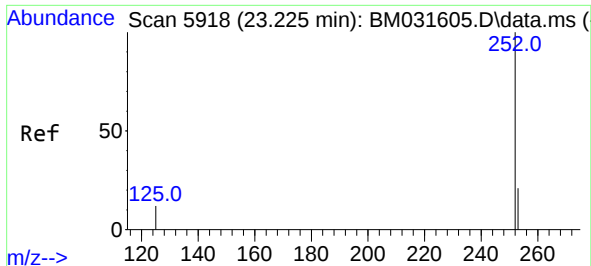
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Ion Ratio Lower Upper
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253 24.1 21.3 31.9
125 13.4 8.8 13.2#



Instrument :
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ClientSampled :
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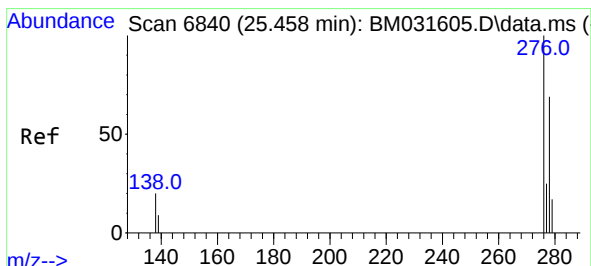
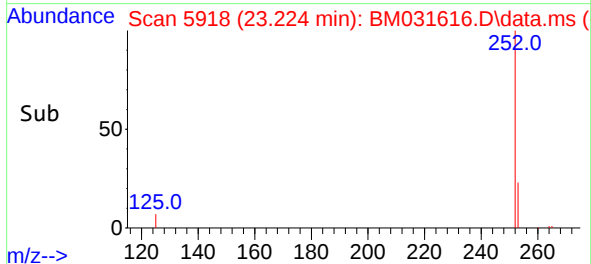
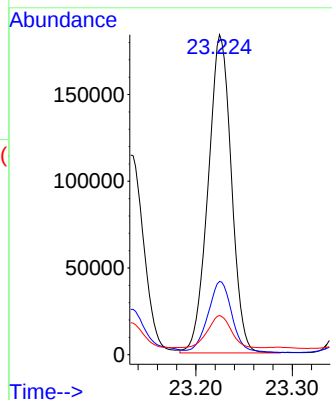
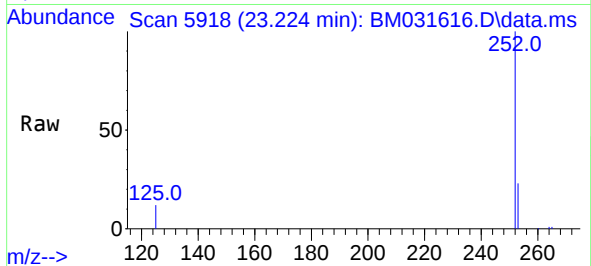
#26
Benzo(a)pyrene
Concen: 16.809 ng/ul m
RT: 23.224 min Scan# 5918
Delta R.T. -0.000 min
Lab File: BM031616.D
Acq: 09 Aug 2021 22:58

Tgt Ion:252 Resp: 307276
Ion Ratio Lower Upper
252 100
253 22.9 22.4 33.6
125 12.3 13.0 19.4#

Instrument :
BNA_M
ClientSampleId :
C00A4

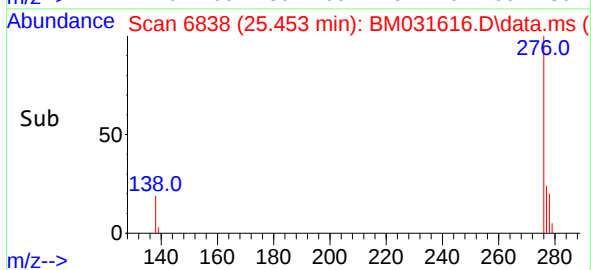
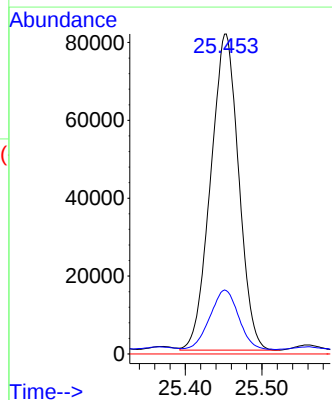
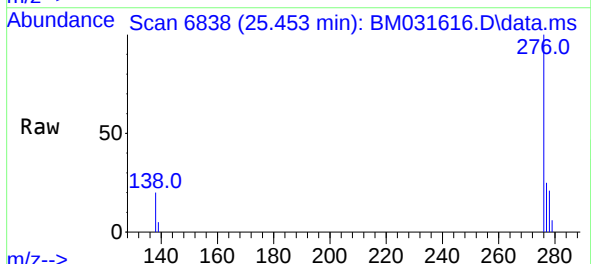
Manual Integrations
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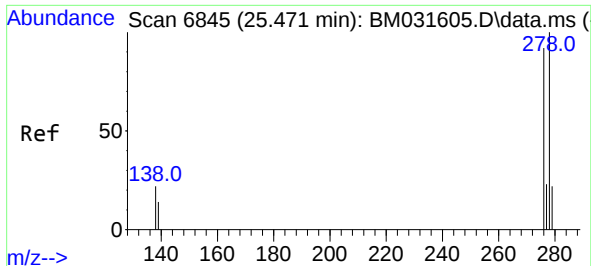
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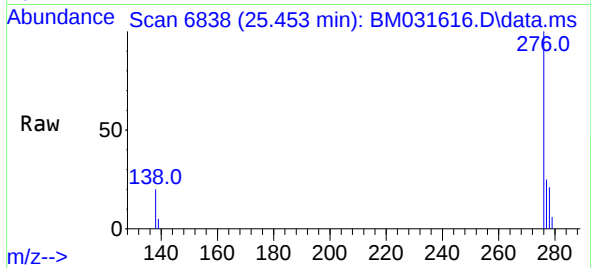
#27
Indeno(1,2,3-cd)pyrene
Concen: 8.736 ng/ul
RT: 25.453 min Scan# 6838
Delta R.T. -0.000 min
Lab File: BM031616.D
Acq: 09 Aug 2021 22:58

Tgt Ion:276 Resp: 206446
Ion Ratio Lower Upper
276 100
138 19.4 15.8 23.8
227 0.0 0.0 0.0

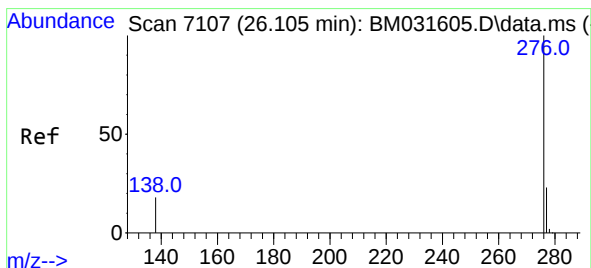
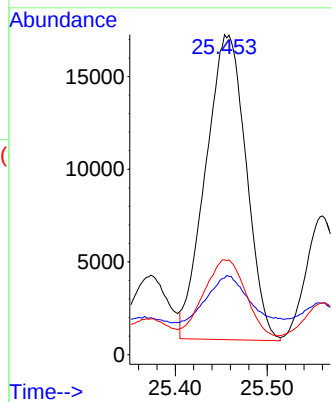
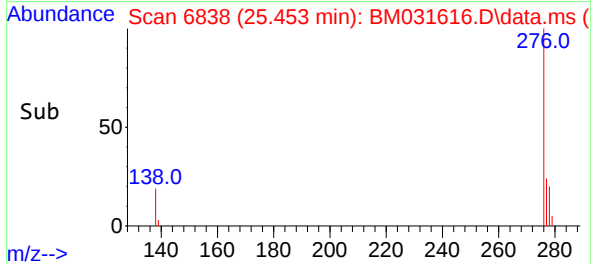




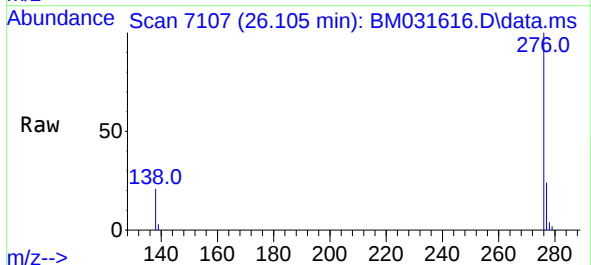
#28
Dibenzo(a,h)anthracene
Concen: 2.647 ng/ul
RT: 25.453 min Scan# 6838
Delta R.T. -0.015 min
Lab File: BM031616.D
Acq: 09 Aug 2021 22:58



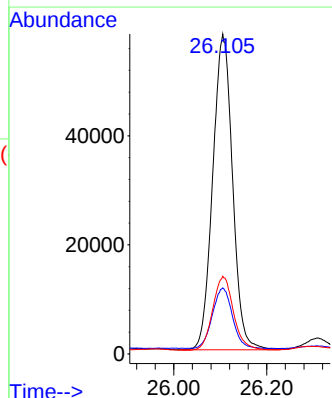
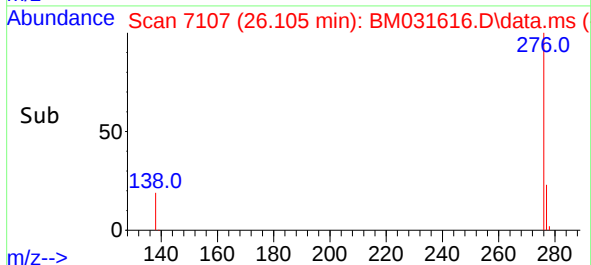
Tgt Ion:278 Resp: 50408
Ion Ratio Lower Upper
278 100
139 23.9 13.3 19.9#
279 29.6 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 8.501 ng/ul
RT: 26.105 min Scan# 7107
Delta R.T. 0.007 min
Lab File: BM031616.D
Acq: 09 Aug 2021 22:58



Tgt Ion:276 Resp: 171366
Ion Ratio Lower Upper
276 100
138 20.6 15.4 23.2
277 24.3 19.9 29.9



Instrument :
BNA_M
ClientSampled :
C00A4

Manual Integrations
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