

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031742.D
 Acq On : 14 Aug 2021 11:04
 Operator : CG/JU
 Sample : M3208-10DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00F0DL

Manual Integrations
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mohammad
 8/16/2021 8:41:15 AM

Quant Time: Aug 14 11:35:02 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	7.563	152	988	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.325	136	3492	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	1952	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.951	188	3834	0.400	ng/ul	-0.01
17) Chrysene-d12	21.149	240	3300	0.400	ng/ul	0.00
23) Perylene-d12	23.302	264	3321	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	617	0.562	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	193	0.033	ng/ul	-0.01
18) Fluoranthene-d10	18.986	212	396	0.036	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.374	128	1909	0.184	ng/ul#	93
7) 2-Methylnaphthalene	11.998	142	1345	0.189	ng/ul	99
8) 1-Methylnaphthalene	12.218	142	734	0.105	ng/ul	99
10) Acenaphthylene	13.918	152	607	0.073	ng/ul#	80
15) Phenanthrene	16.989	178	4970	0.408	ng/ul	99
16) Anthracene	17.082	178	664	0.058	ng/ul#	82
19) Fluoranthene	19.012	202	8348	0.592	ng/ul	98
20) Pyrene	19.378	202	7135	0.499	ng/ul	99
21) Benzo(a)anthracene	21.132	228	4321	0.324	ng/ul	93
22) Chrysene	21.183	228	6002	0.435	ng/ul	96
24) Benzo(b)fluoranthene	22.663	252	6558m	0.438	ng/ul	
25) Benzo(k)fluoranthene	22.704	252	2266m	0.147	ng/ul	
26) Benzo(a)pyrene	23.208	252	3298	0.252	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.432	276	2676	0.158	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.434	278	771	0.056	ng/ul#	27
29) Benzo(g,h,i)perylene	26.088	276	572	0.040	ng/ul#	48

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

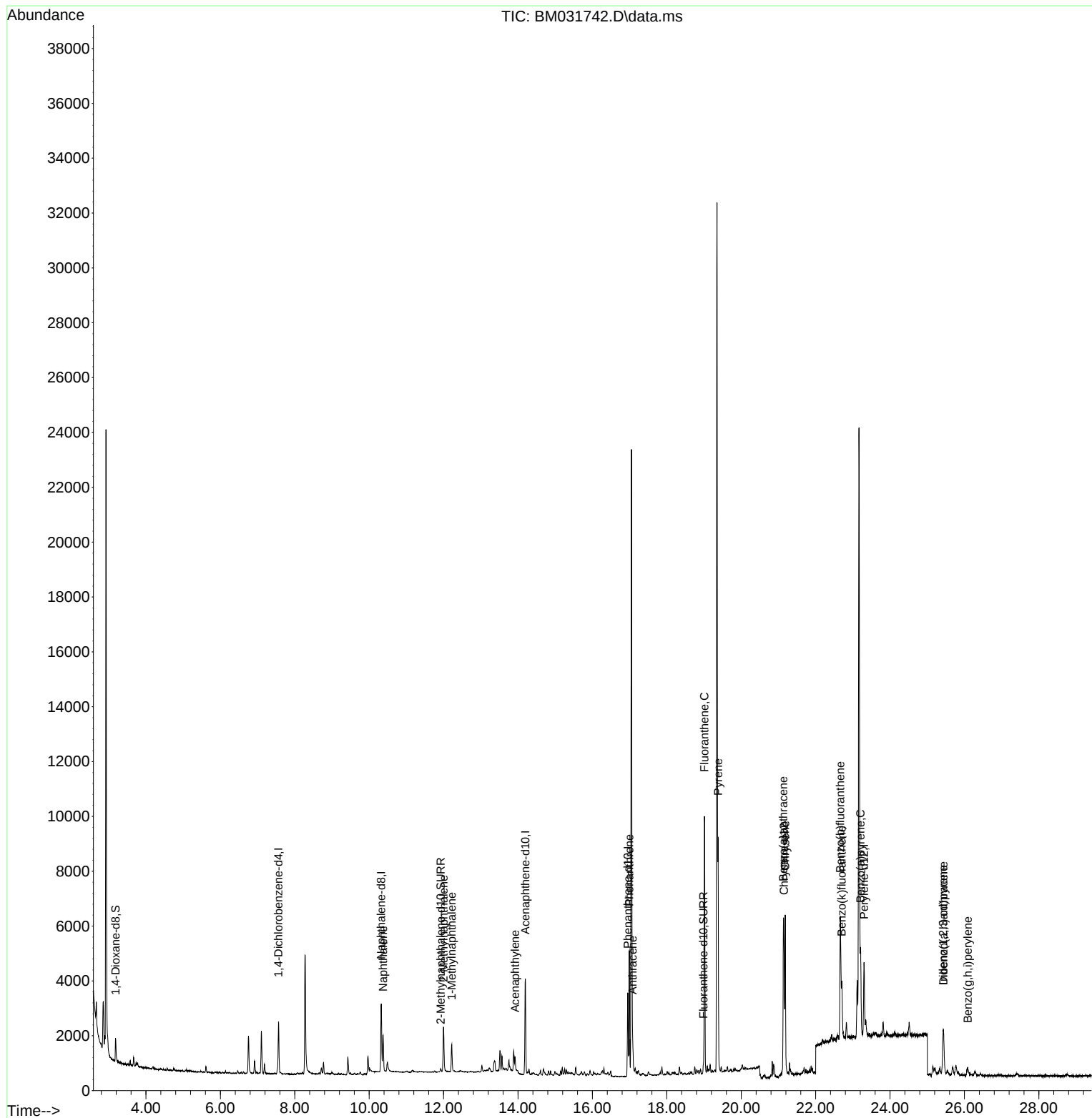
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031742.D
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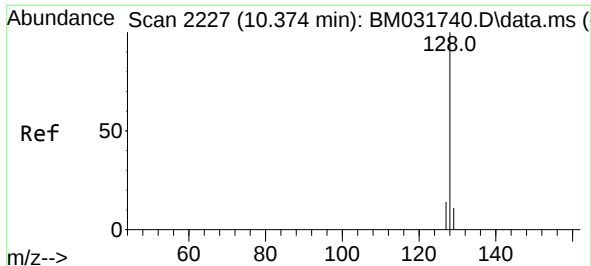
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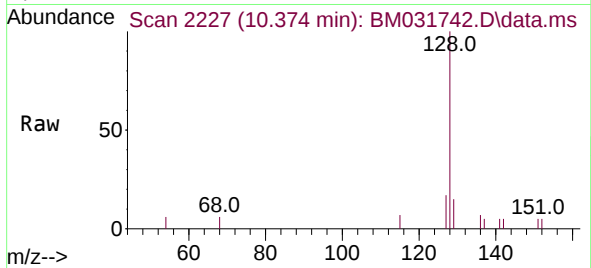
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Quant Time: Aug 14 11:35:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

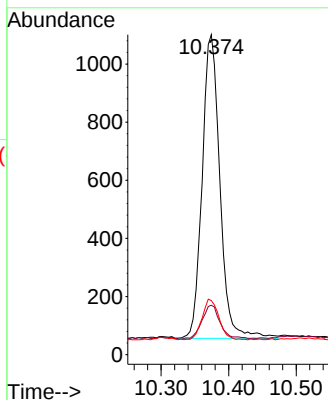
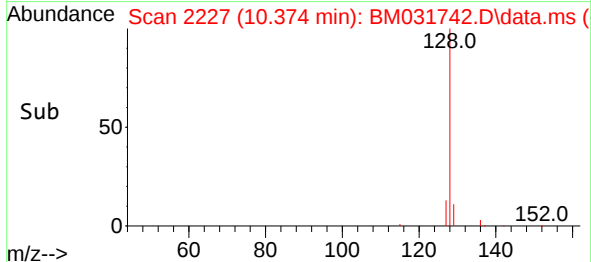




#5
Naphthalene
Concen: 0.184 ng/ul
RT: 10.374 min Scan# 2227
Delta R.T. -0.008 min
Lab File: BM031742.D
Acq: 14 Aug 2021 11:04



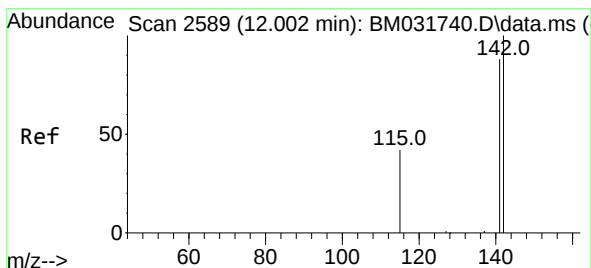
Tgt Ion:128 Resp: 1909
Ion Ratio Lower Upper
128 100
129 15.4 10.0 15.0#
127 16.9 11.6 17.4



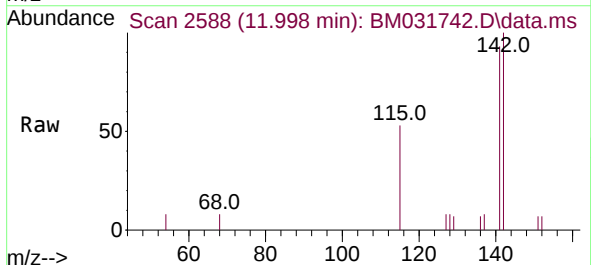
Instrument :
BNA_M
ClientSampleId :
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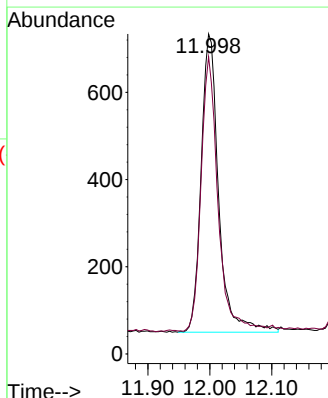
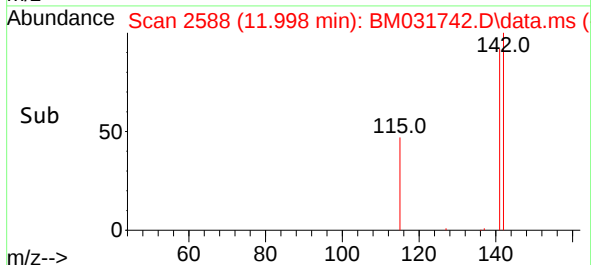
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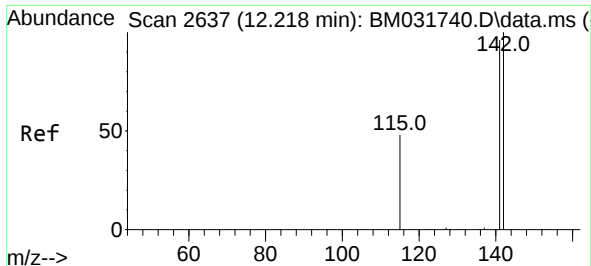


#7
2-Methylnaphthalene
Concen: 0.189 ng/ul
RT: 11.998 min Scan# 2588
Delta R.T. -0.008 min
Lab File: BM031742.D
Acq: 14 Aug 2021 11:04



Tgt Ion:142 Resp: 1345
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.0





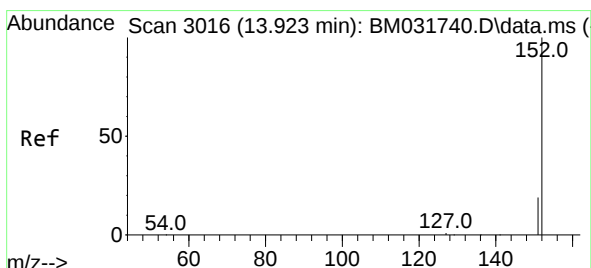
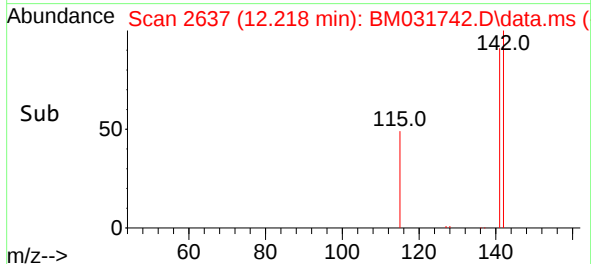
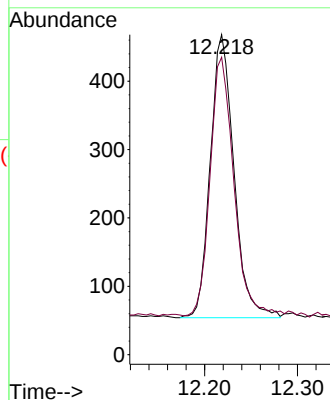
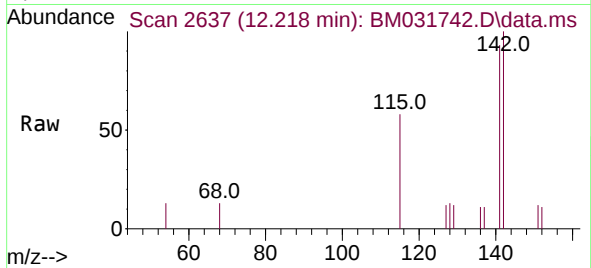
#8
1-Methylnaphthalene
Concen: 0.105 ng/ul
RT: 12.218 min Scan# 2637
Delta R.T. -0.008 min
Lab File: BM031742.D
Acq: 14 Aug 2021 11:04

Tgt Ion:142 Resp: 734
Ion Ratio Lower Upper
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141 91.7 74.1 111.1

Instrument :
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ClientSampled :
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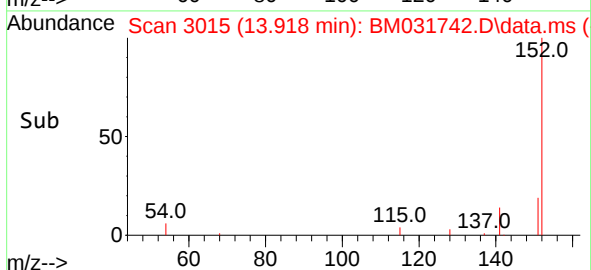
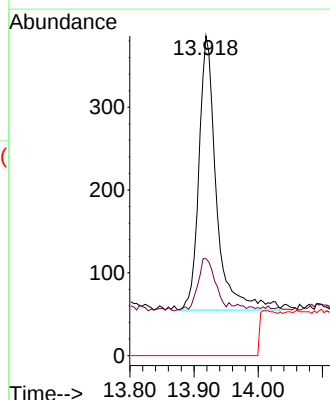
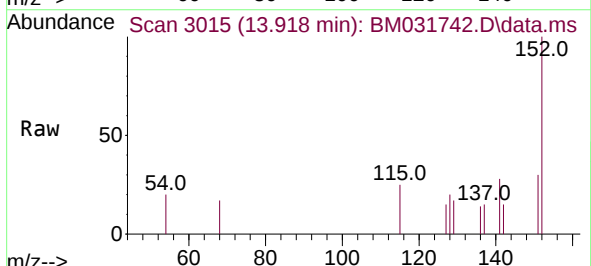
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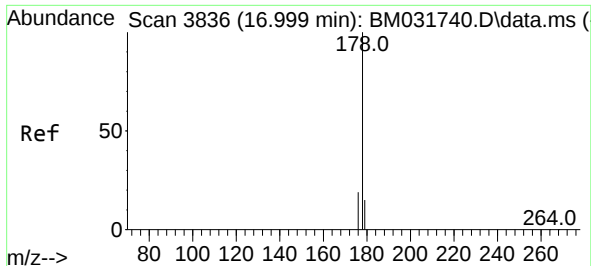
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#10
Acenaphthylene
Concen: 0.073 ng/ul
RT: 13.918 min Scan# 3015
Delta R.T. -0.012 min
Lab File: BM031742.D
Acq: 14 Aug 2021 11:04

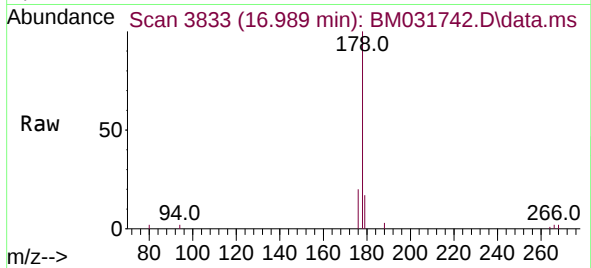
Tgt Ion:152 Resp: 607
Ion Ratio Lower Upper
152 100
151 30.3 16.9 25.3#
153 0.0 0.0 0.0





#15
Phenanthrene
Concen: 0.408 ng/ul
RT: 16.989 min Scan# 3833
Delta R.T. -0.013 min
Lab File: BM031742.D
Acq: 14 Aug 2021 11:04

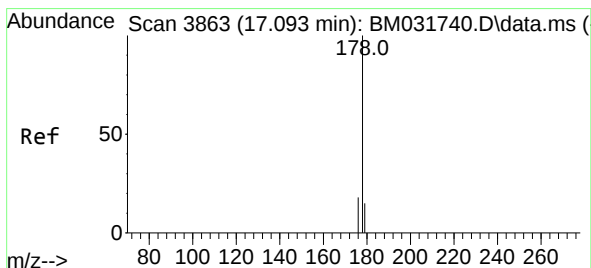
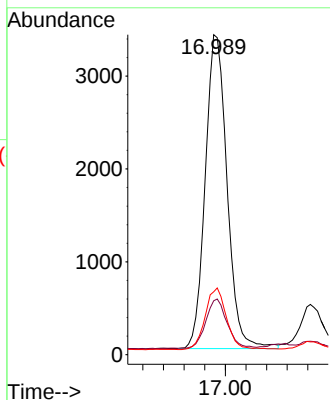
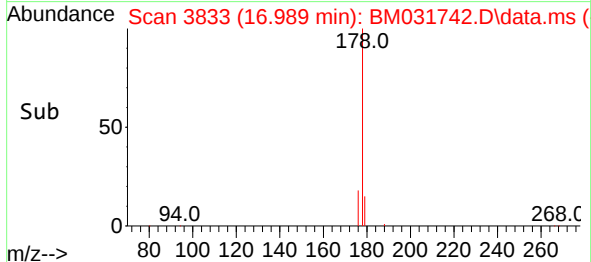
Instrument :
BNA_M
ClientSampleId :
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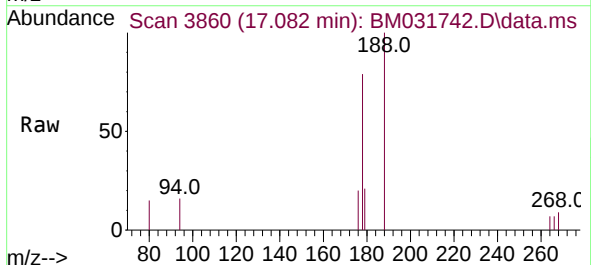
Tgt Ion:178 Resp: 4970
Ion Ratio Lower Upper
178 100
179 16.9 13.3 19.9
176 19.7 16.2 24.4

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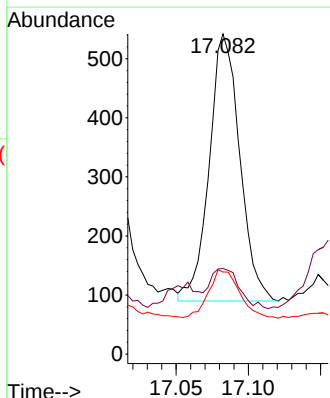
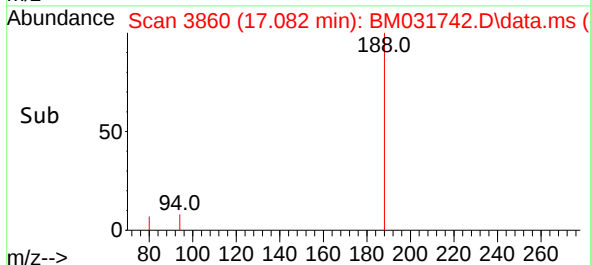
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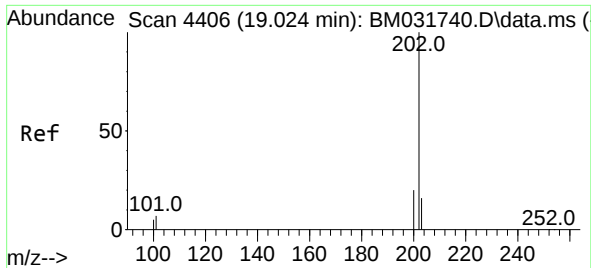


#16
Anthracene
Concen: 0.058 ng/ul
RT: 17.082 min Scan# 3860
Delta R.T. -0.013 min
Lab File: BM031742.D
Acq: 14 Aug 2021 11:04

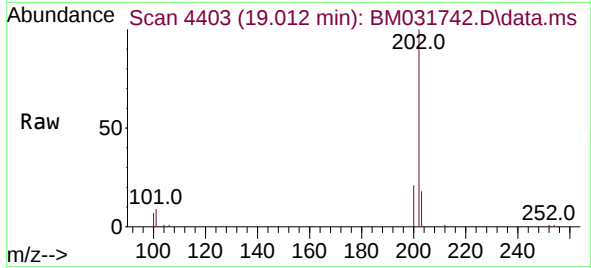


Tgt Ion:178 Resp: 664
Ion Ratio Lower Upper
178 100
179 26.8 13.0 19.6#
176 25.6 15.6 23.4#

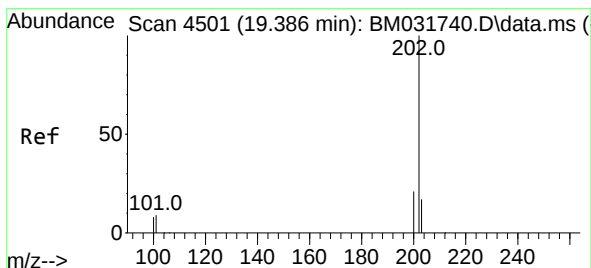
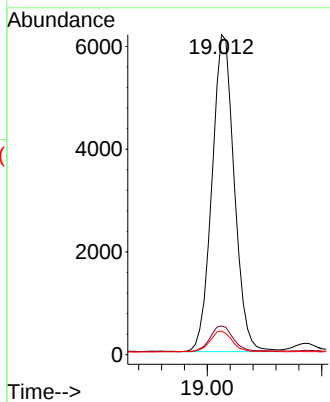
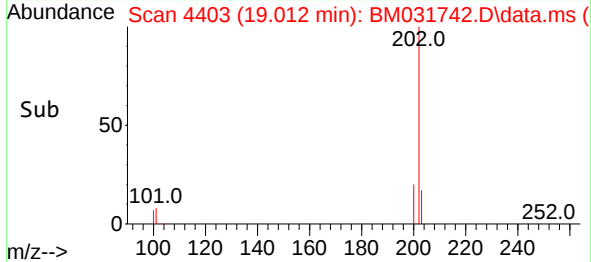




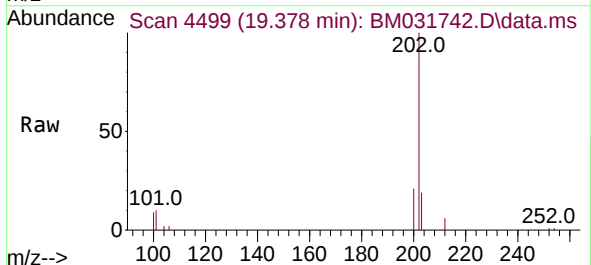
#19
Fluoranthene
Concen: 0.592 ng/u1
RT: 19.012 min Scan# 4403
Delta R.T. -0.015 min
Lab File: BM031742.D
Acq: 14 Aug 2021 11:04



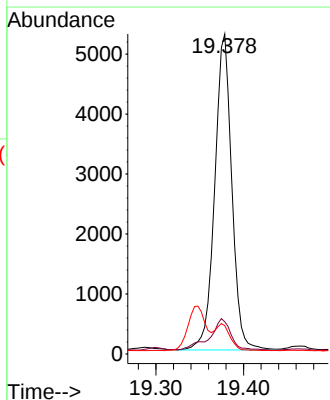
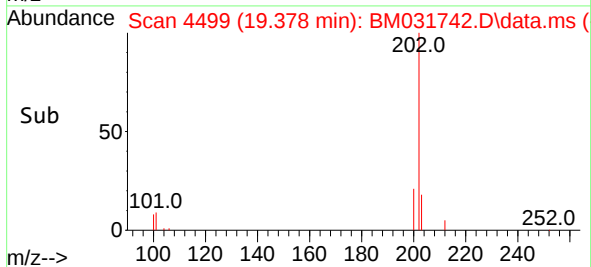
Tgt Ion:202 Resp: 8348
Ion Ratio Lower Upper
202 100
101 8.9 6.6 10.0
100 7.4 5.4 8.0



#20
Pyrene
Concen: 0.499 ng/u1
RT: 19.378 min Scan# 4499
Delta R.T. -0.011 min
Lab File: BM031742.D
Acq: 14 Aug 2021 11:04



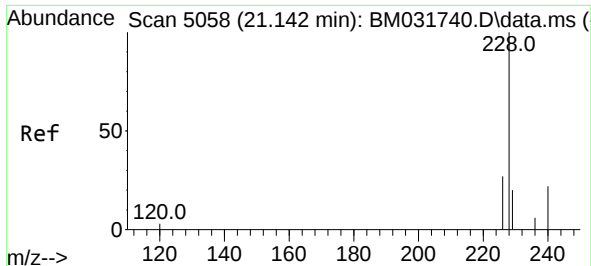
Tgt Ion:202 Resp: 7135
Ion Ratio Lower Upper
202 100
101 10.0 7.8 11.6
100 8.9 6.6 10.0



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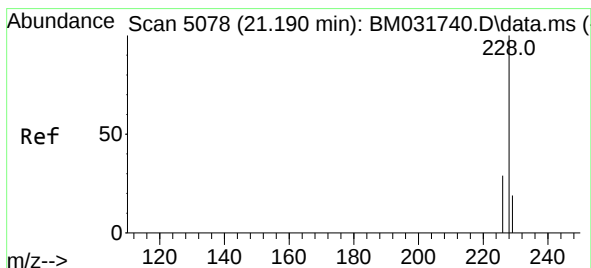
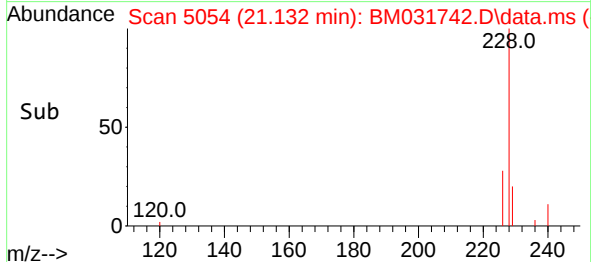
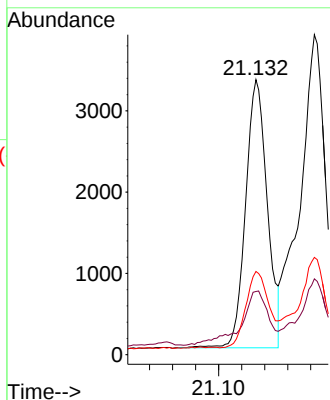
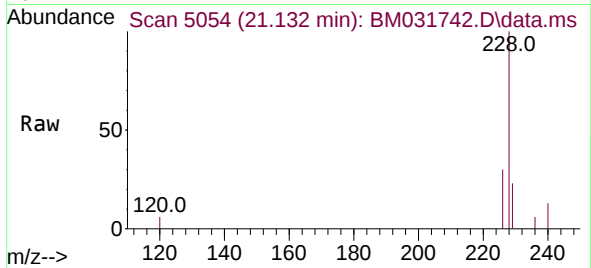
#21
Benzo(a)anthracene
Concen: 0.324 ng/ul
RT: 21.132 min Scan# 5054
Delta R.T. -0.012 min
Lab File: BM031742.D
Acq: 14 Aug 2021 11:04

Tgt Ion:228	Resp:	4321
Ion Ratio	Lower	Upper
228	100	
229	23.0	15.6 23.4
226	30.3	21.7 32.5

Instrument :
BNA_M
ClientSampled :
C00F0DL

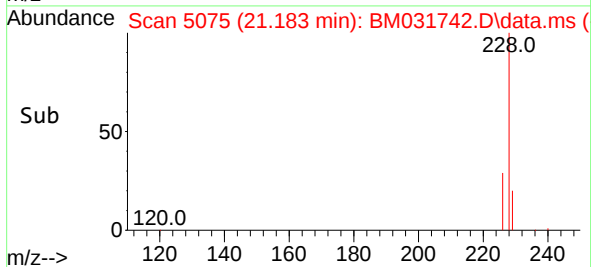
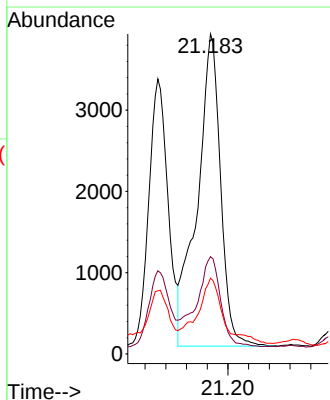
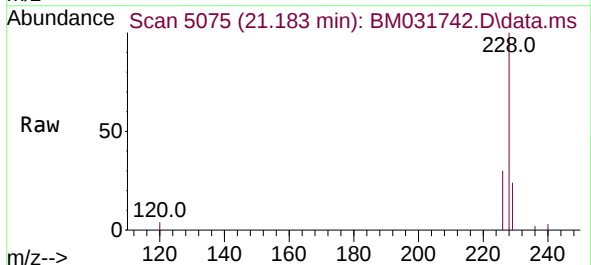
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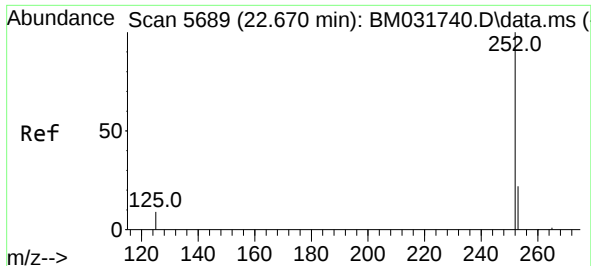
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#22
Chrysene
Concen: 0.435 ng/ul
RT: 21.183 min Scan# 5075
Delta R.T. -0.012 min
Lab File: BM031742.D
Acq: 14 Aug 2021 11:04

Tgt Ion:228	Resp:	6002
Ion Ratio	Lower	Upper
228	100	
226	30.4	24.7 37.1
229	23.7	16.2 24.2





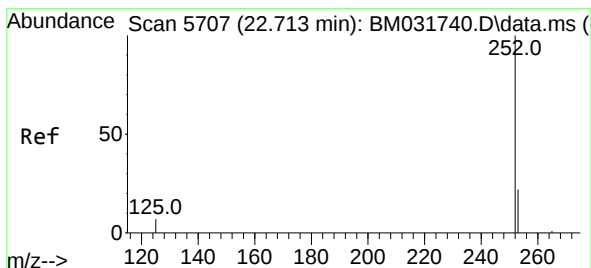
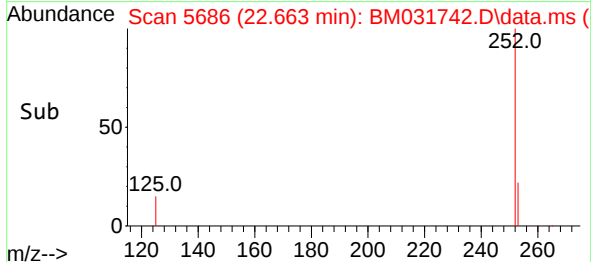
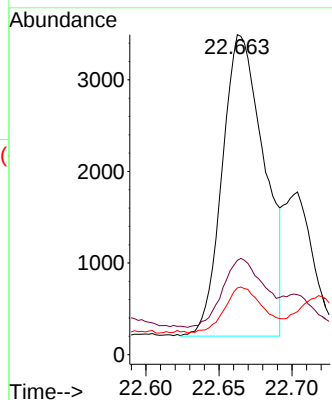
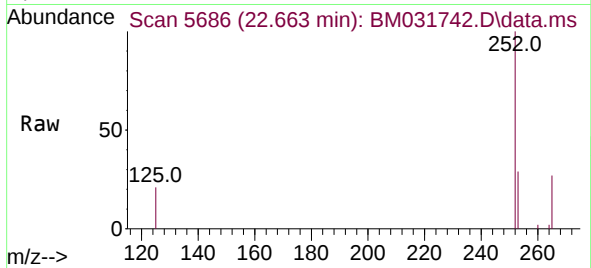
#24
Benzo(b)fluoranthene
Concen: 0.438 ng/ul m
RT: 22.663 min Scan# 5686
Delta R.T. -0.014 min
Lab File: BM031742.D
Acq: 14 Aug 2021 11:04

Tgt Ion:252	Resp:	6558
Ion Ratio	Lower	Upper
252	100	
253	29.5	0.0 53.0
125	20.8	0.0 22.8

Instrument :
BNA_M
ClientSampled :
C00F0DL

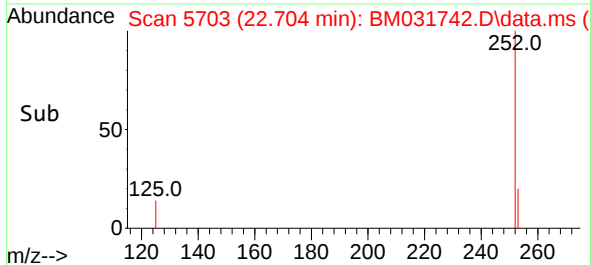
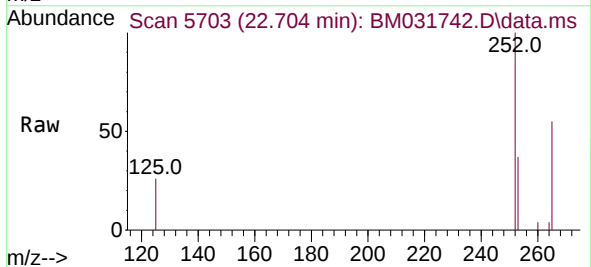
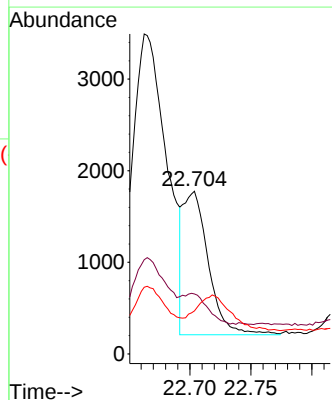
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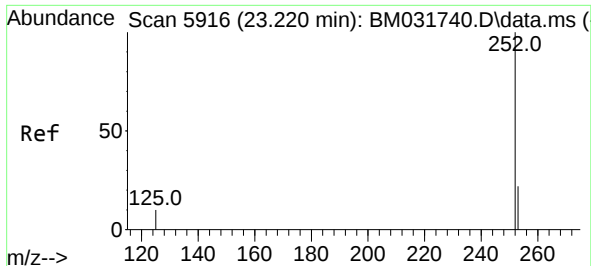
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#25
Benzo(k)fluoranthene
Concen: 0.147 ng/ul m
RT: 22.704 min Scan# 5703
Delta R.T. -0.016 min
Lab File: BM031742.D
Acq: 14 Aug 2021 11:04

Tgt Ion:252	Resp:	2266
Ion Ratio	Lower	Upper
252	100	
253	36.8	21.3 31.9#
125	26.5	8.8 13.2#





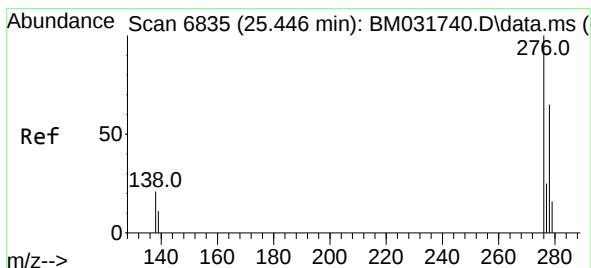
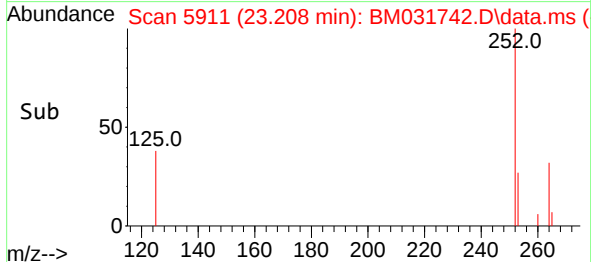
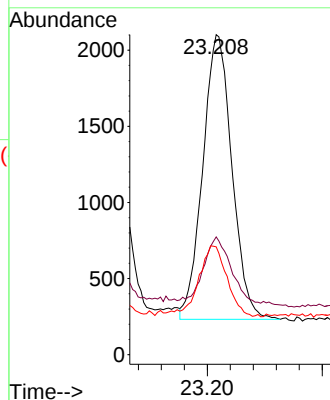
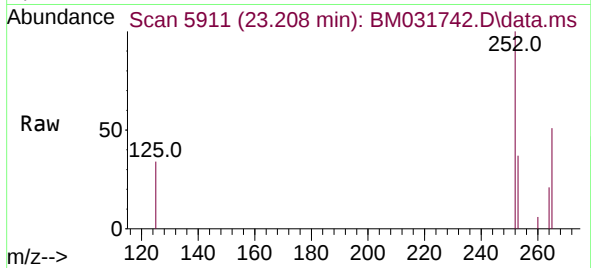
#26
Benzo(a)pyrene
Concen: 0.252 ng/ul
RT: 23.208 min Scan# 5911
Delta R.T. -0.019 min
Lab File: BM031742.D
Acq: 14 Aug 2021 11:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.8	22.4	33.6#
125	33.7	13.0	19.4#

Instrument :
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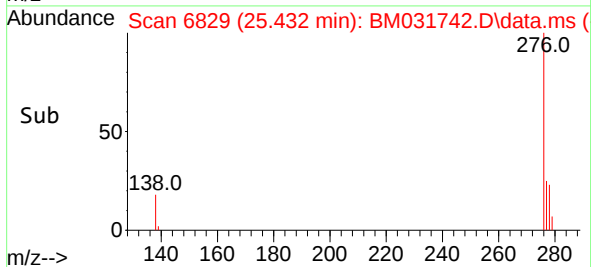
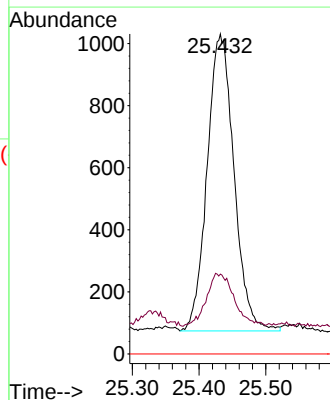
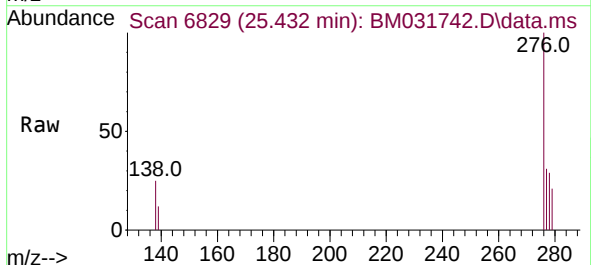
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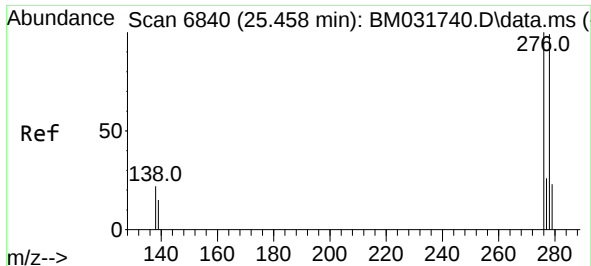
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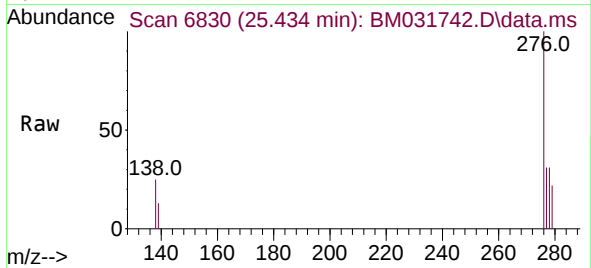
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.158 ng/ul
RT: 25.432 min Scan# 6829
Delta R.T. -0.029 min
Lab File: BM031742.D
Acq: 14 Aug 2021 11:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.4	15.8	23.8
227	0.0	0.0	0.0

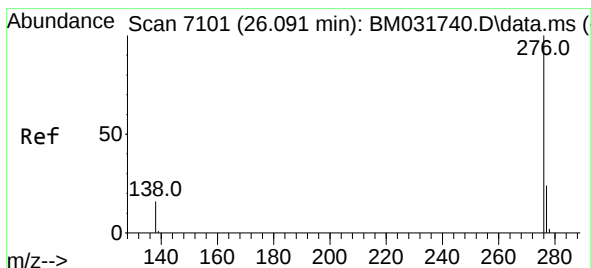
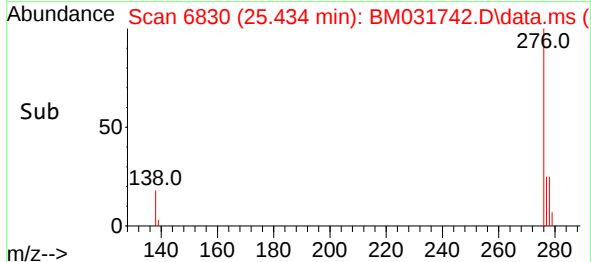
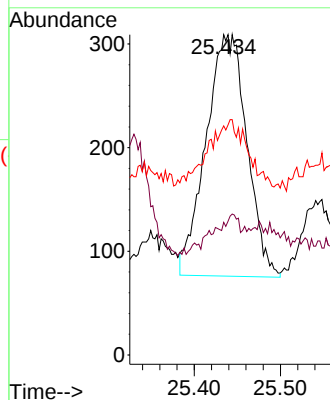




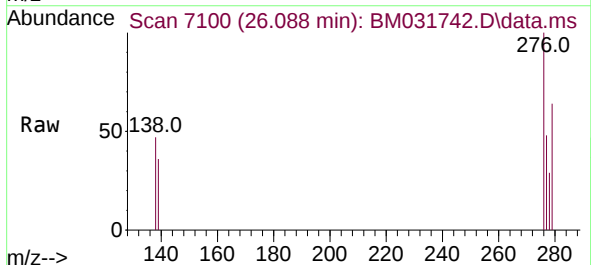
#28
Dibenzo(a,h)anthracene
Concen: 0.056 ng/ul
RT: 25.434 min Scan# 6830
Delta R.T. -0.038 min
Lab File: BM031742.D
Acq: 14 Aug 2021 11:04



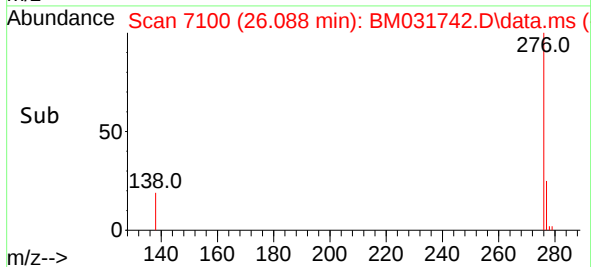
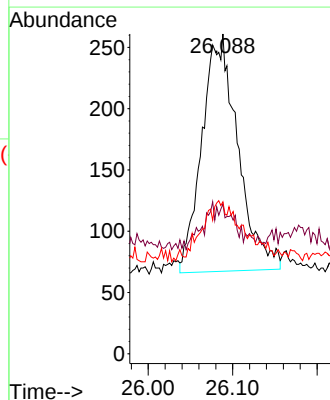
Tgt Ion: 278 Resp: 771
Ion Ratio Lower Upper
278 100
139 41.4 13.3 19.9#
279 71.5 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.040 ng/ul
RT: 26.088 min Scan# 7100
Delta R.T. -0.019 min
Lab File: BM031742.D
Acq: 14 Aug 2021 11:04



Tgt Ion: 276 Resp: 572
Ion Ratio Lower Upper
276 100
138 46.7 15.4 23.2#
277 47.5 19.9 29.9#



Instrument :
BNA_M
ClientSampled :
C00F0DL

Manual Integrations
APPROVED

mohammad
8/16/2021 8:41:15 AM