

### **Immediate** Action

In our continuing effort to provide you with the highest quality toxicology laboratory services available, we have compiled important changes regarding a number of tests we perform. Listed below are the types of changes that may be included in this notification, effective Monday, June 14, 2021

**Test Changes -** Tests that have had changes to the method/ CPT code, units of measurement, scope of analysis, reference comments, or specimen requirements.

**Discontinued Tests -** Tests being discontinued with alternate testing suggestions.

Please use this information to update your computer systems/records. These changes are important to ensure standardization of our mutual laboratory databases.

If you have any questions about the information contained in this notification, please call our Client Support Department at (866) 522-2206. Thank you for your continued support of NMS Labs and your assistance in implementing these changes.

The CPT Codes provided in this document are based on AMA guidelines and are for informational purposes only. NMS Labs does not assume responsibility for billing errors due to reliance on the CPT Codes listed in this document.



Test	Test Name	Test Name	TAT	Method / CPT Code	Specimen Req.	Stability	Analytes	Reference Comments	Discontinue
8054B	Postmortem, Expanded with NPS, Blood (Forensic)						•	•	
10092B	Postmortem, Expert w/Vitreous Alcohol Confirmation, Blood (Forensic) (CSA)						•	•	
10151B	Postmortem, Expert w/Vitreous Alcohol Confirmation, Blood (Forensic) (CSA)						•	•	
5970B	Synthetic Cannabinoids Confirmation (Qualitative), Blood	•			•	•	•	•	
5971B	Synthetic Cannabinoids Confirmation 2019 (Qualitative), Blood								•
9566B	Synthetic Cannabinoids Screen (Add-On), Blood	•			•	•	•	•	
9560B	Synthetic Cannabinoids Screen, Blood	•			•	•	•	•	



#### **Test Changes**

8054B	Postmortem, E	Expanded with NPS, Blood (Forensic)
Sumi	mary of Changes:	5-fluoro-PICA 3,3-dimethylbutanoic acid, 5-fluoro-PINACA 3-methylbutanoic acid, 4-fluoro-BINACA 3,3-dimethylbutanoic acid, 5-fluoro-PINACA 3,3- dimethylbutanoic acid, FUBINACA 3,3-dimethylbutanoic acid, APP-BINACA and MDMB-4en-PINACA were added. Reference Comment was changed for ADMB-CHMINACA. 4-cyano-CUMYL-BINACA, 5-fluoro-EDMB-PINACA, 5-fluoro-MMB-PINACA, 5-fluoro-NA-PIC, 5-fluoro-QU-PINAC, ADAMANTYL-FUBINACA, ADMB- FUBICA, AMB-CHMINACA, AMB-FUBINACA, CUMYL-THPINACA, MDMB- CHMCZCA, MDMB-CHMICA, MDMB-CHMINAC, MDMB-FUBICA, MDMB- FUBINACA / EMB-FUBINACA, MMB-CHMICA, MMB-FUBICA, MAB- FUBICA, NA-FUBIC and NA-FUBIM were removed.

#### Scope of Analysis: Method (CPT Code)

Analyte Name	Interface Map	Units	Reference Comment
5-fluoro-PICA 3,3- dimethylbutanoic acid	5PICA33D	ng/mL	
5-fluoro-PINACA 3-methylbutanoic acid	5PINACA3M	ng/mL	
4-fluoro-BINACA 3,3- dimethylbutanoic acid	4FB33DMBA	ng/mL	
5-fluoro-PINACA 3,3- dimethylbutanoic acid	5PINACA33	ng/mL	
FUBINACA 3,3- dimethylbutanoic acid	FUBN33DB	ng/mL	
APP-BINACA	APPBINACA	ng/mL	
MDMB-4en- PINACA	MDMB4ENPIN	ng/mL	
ADMB- CHMINACA	ADMBCHMINA	ng/mL	
0092B Postn	nortem, Expert w/	/itreous Alcohol Confi	rmation, Blood (Forensic) (CSA)

Summary of Changes: 5-fluoro-PICA 3,3-dimethylbutanoic acid, 5-fluoro-PINACA 3-methylbutanoic acid, 4-fluoro-BINACA 3,3-dimethylbutanoic acid, FUBINACA 3methylbutanoic acid, 5-fluoro-PINACA 3,3-dimethylbutanoic acid, FUBINACA 3,3-dimethylbutanoic acid, APP-BINACA and MDMB-4en-PINACA were added. Reference Comment was changed for ADMB-CHMINACA.



Scope of Analysis:

**Test Updates** 

#### **Test Changes**

4-cyano-CUMYL-BINACA, 5-fluoro-EDMB-PINACA, 5-fluoro-MMB-PINACA, 5-fluoro-NA-PIC, 5-fluoro-QU-PINAC, ADAMANTYL-FUBINACA, ADMB-FUBICA, AMB-CHMINACA, AMB-FUBINACA, CUMYL-THPINACA, MDMB-CHMCZCA, MDMB-CHMICA, MDMB-CHMINAC, MDMB-FUBICA, MDMB-FUBINACA / EMB-FUBINACA, MMB-CHMICA, MMB-CHMINACA, MMB-FUBICA, NA-FUBIC and NA-FUBIM were removed.

Analyte Name	Interface Map	Units	Reference Comment	
5-fluoro-PICA	5PICA33D	ng/mL		
3,3-				
dimethylbutanoic				
acid				
	5PINACA3M	ng/mL		
3-methylbutanoic				
		/ ]		
4-fluoro-BINACA	4FB33DMBA	ng/mL		
3,3- dimethylbutanoic				
acid				
FUBINACA 3-	<b>FUBINA3MB</b>	ng/mL		
methylbutanoic	1 ODINASIND	iig/iiiL		
acid				
5-fluoro-PINACA	5PINACA33	ng/mL		
3,3-		5		
dimethylbutanoic				
acid				
FUBINACA 3,3-	FUBN33DB	ng/mL		
dimethylbutanoic				
acid				
APP-BINACA	APPBINACA	ng/mL		
MDMB-4en-	MDMB4ENPIN	ng/mL		
PINACA ADMB-		ng/ml		
ADMB- CHMINACA	ADMBCHMINA	ng/mL		

Summary of Changes: 5-fluoro-PICA 3,3-dimethylbutanoic acid, 5-fluoro-PINACA 3-methylbutanoic acid, 4-fluoro-BINACA 3,3-dimethylbutanoic acid, FUBINACA 3methylbutanoic acid, FUBINACA 3,3-dimethylbutanoic acid, APP-BINACA, MDMB-4en-PINACA and 5-fluoro-PINACA 3,3-dimethylbutanoic acid were added. Reference Comment was changed for ADMB-CHMINACA.



Scope of Analysis:

**Test Updates** 

#### **Test Changes**

4-cyano-CUMYL-BINACA, 5-fluoro-EDMB-PINACA, 5-fluoro-MMB-PINACA, 5-fluoro-NA-PIC, 5-fluoro-QU-PINAC, ADAMANTYL-FUBINACA, ADMB-FUBICA, AMB-CHMINACA, AMB-FUBINACA, CUMYL-THPINACA, MDMB-CHMCZCA, MDMB-CHMICA, MDMB-CHMINAC, MDMB-FUBICA, MDMB-FUBINACA / EMB-FUBINACA, MMB-CHMICA, MMB-CHMINACA, MMB-FUBICA, NA-FUBIC and NA-FUBIM were removed.

Analyte Name	Interface Map	Units	Reference Comment	
5-fluoro-PICA 3,3-	5PICA33D	ng/mL		
dimethylbutanoic acid				
5-fluoro-PINACA 3-methylbutanoic	5PINACA3M	ng/mL		
acid				
4-fluoro-BINACA 3,3-	4FB33DMBA	ng/mL		
dimethylbutanoic				
acid FUBINACA 3-	<b>FUBINA3MB</b>	ng/mL		
methylbutanoic		<u>J</u>		
acid 5-fluoro-PINACA	5PINACA33	ng/mL		
3,3- dimethylbutanoic				
acid				
FUBINACA 3,3- dimethylbutanoic acid	FUBN33DB	ng/mL		
APP-BINACA	APPBINACA	ng/mL		
MDMB-4en- PINACA	MDMB4ENPIN	ng/mL		
ADMB- CHMINACA	ADMBCHMINA	ng/mL		

Summary of Changes: Test Name was changed. Specimen Requirements (Sample Requirements) were changed. Stability was changed. 5-fluoro-PICA 3,3-dimethylbutanoic acid, 5-fluoro-PINACA 3-methylbutanoic acid, 4-fluoro-BINACA 3,3-dimethylbutanoic acid, FUBINACA 3methylbutanoic acid, 5-fluoro-PINACA 3,3-dimethylbutanoic acid, FUBINACA 3,3-dimethylbutanoic acid, APP-BINACA and MDMB-4en-PINACA were added. Reference Comment was changed for MMB-FUBINACA and 5-fluoro-MDMB-PINACA / 5-fluoro-EMB-PINACA.

Effective Date: Monday, June 14, 2021



#### **Test Changes**

4-cyano-CUMYL-BINACA, 5-fluoro-EDMB-PINACA, 5-fluoro-MMB-PINACA, 5-fluoro-NA-PIC, 5-fluoro-QU-PINAC, ADAMANTYL-FUBINACA, ADMB-FUBICA, AMB-CHMINACA, AMB-FUBINACA, CUMYL-THPINACA, MDMB-CHMCZCA, MDMB-CHMICA, MDMB-CHMINAC, MDMB-FUBICA, MDMB-FUBINACA / EMB-FUBINACA, MMB-CHMICA, MMB-CHMINACA, MMB-FUBICA, NA-FUBIC and NA-FUBIM were removed.

Requested Volume:	2 mL Blood
Transport Temperature:	Frozen
Sample Container:	Gray top tube (Sodium Fluoride / Potassium Oxalate)
Light Protection:	Not Required
Special Handling:	None
Rejection Criteria:	Received Room Temperature. Received Refrigerated.
Stability:	Room Temperature: Not Stable Refrigerated: Not Stable Frozen (-20 °C): 1 month(s)
	LC-MS/MS (80352): ADMB-FUBINACA, 5-fluoro-PICA 3,3-dimethylbutanoic acid, 5- fluoro-PINACA 3-methylbutanoic acid, 4-fluoro-BINACA 3,3-dimethylbutanoic acid, FUBINACA 3-methylbutanoic acid, 5-fluoro-PINACA 3,3-dimethylbutanoic acid, FUBINACA 3,3-dimethylbutanoic acid, APP-BINACA, 5-fluoro-MDMB-PICA, MMB- FUBINACA, 5-fluoro-MDMB-PINACA / 5-fluoro-EMB-PINACA, MDMB-4en-PINACA, ADMB-CHMINACA, 4-fluoro-MDMB-BINACA

Analyte Name	Interface Map	Units	Reference Comment
5-fluoro-PICA 3,3- dimethylbutanoic acid	5PICA33D	ng/mL	
5-fluoro-PINACA 3-methylbutanoic acid	5PINACA3M	ng/mL	
4-fluoro-BINACA 3,3- dimethylbutanoic acid	4FB33DMBA	ng/mL	
FUBINACA 3- methylbutanoic acid	FUBINA3MB	ng/mL	
5-fluoro-PINACA 3,3- dimethylbutanoic acid	5PINACA33	ng/mL	
FUBINACA 3,3- dimethylbutanoic acid	FUBN33DB	ng/mL	
APP-BINACA MMB-FUBINACA	APPBINACA MMBFUCINAC	ng/mL ng/mL	



Test	Changes
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Analyte Name	Interfac	е Мар	Units	Reference Comment		
5-fluoro-MDMB- PINACA / 5- fluoro-EMB- PINACA	5FEMBF	PINAC	ng/mL			
MDMB-4en- PINACA	MDMB4	ENPIN	ng/mL			
566B Synth	etic Canr	nabinoids	s Screen (Add	I-On), Blood		
Summary of C	Changes:	Specime Stability 4-fluoro- acid, 5-fl dimethyl 3,3-dime added. Reference 4-cyano- 5-fluoro- FUBICA CHMCZ0 FUBINA	was changed. BINACA 3,3-d uoro-PINACA butanoic acid, ethylbutanoic a ce Comment v CUMYL-BINA NA-PIC, 5-fluc , AMB-CHMIN CA, MDMB-CH CA / EMB-FUE	ed. hts (Sample Requirements) were changed. imethylbutanoic acid, FUBINACA 3-methylbutanoic 3,3-dimethylbutanoic acid, FUBINACA 3,3- APP-BINACA, MDMB-4en-PINACA, 5-fluoro-PICA cid and 5-fluoro-PINACA 3-methylbutanoic acid were vas changed for ADMB-CHMINACA. CA, 5-fluoro-EDMB-PINACA, 5-fluoro-MMB-PINACA, oro-QU-PINAC, ADAMANTYL-FUBINACA, ADMB- ACA, AMB-FUBINACA, CUMYL-THPINACA, MDMB- HMICA, MDMB-CHMINAC, MDMB-FUBICA, MDMB- BINACA, MMB-CHMICA, MMB-CHMINACA, MMB- nd NA-FUBIM were removed.		
Requested		5 mL Blo	ood			
Transport Temp						
Sample Co						
e	otection:	Not Req	uired			
Special H	-	None				
•	Criteria: Stability:	Room Te Refrigera	d Room Temp emperature: No ated: Not Stab -20 °C): 1 mor	le		
Scope of A Method (CP		LC-MS/N fluoro-PI FUBINA FUBINA FUBINA	MS (80307): Al NACA 3-meth CA 3-methylbu CA 3,3-dimeth CA, 5-fluoro-N	DMB-FUBINACA, 5-fluoro-PICA 3,3-dimethylbutanoic acid, 5- ylbutanoic acid, 4-fluoro-BINACA 3,3-dimethylbutanoic acid, itanoic acid, 5-fluoro-PINACA 3,3-dimethylbutanoic acid, ylbutanoic acid, APP-BINACA, 5-fluoro-MDMB-PICA, MMB- IDMB-PINACA / 5-fluoro-EMB-PINACA, MDMB-4en-PINACA, fluoro-MDMB-BINACA		
			,			

acid

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### **Test Changes**

Analyte Name	Interface Map	Units	Reference Comment
5-fluoro-PINACA 3-methylbutanoic acid	5PINACA3M	ng/mL	
4-fluoro-BINACA 3,3- dimethylbutanoic acid	4FB33DMBA	ng/mL	
FUBINACA 3- methylbutanoic acid	FUBINA3MB	ng/mL	
5-fluoro-PINACA 3,3- dimethylbutanoic acid	5PINACA33	ng/mL	
FUBINACA 3,3- dimethylbutanoic acid	FUBN33DB	ng/mL	
APP-BINACA	APPBINACA	ng/mL	
MDMB-4en- PINACA	MDMB4ENPIN	ng/mL	
ADMB- CHMINACA	ADMBCHMINA	ng/mL	
560B Synth	etic Cannabinoid	s Screen, Bloo	bd
Summary of C	hanges: Test Nar	ne was change	ed.

Summary of Changes:	Test Name was changed.
, ,	Specimen Requirements (Sample Requirements) were changed.
	Stability was changed.
	5-fluoro-PICA 3,3-dimethylbutanoic acid, 5-fluoro-PINACA 3-methylbutanoic
	acid, 4-fluoro-BINACA 3,3-dimethylbutanoic acid, FUBINACA 3-
	methylbutanoic acid, 5-fluoro-PINACA 3,3-dimethylbutanoic acid, FUBINACA
	3,3-dimethylbutanoic acid, APP-BINACA and MDMB-4en-PINACA were
	added.
	Reference Comment was changed for ADMB-CHMINACA.
	4-cyano-CUMYL-BINACA, 5-fluoro-EDMB-PINACA, 5-fluoro-MMB-PINACA,
	5-fluoro-NA-PIC, 5-fluoro-QU-PINAC, ADAMANTYL-FUBINACA, ADMB-
	FUBICA, AMB-CHMINACA, AMB-FUBINACA, CUMYL-THPINACA, MDMB-
	CHMCZCA, MDMB-CHMICA, MDMB-CHMINAC, MDMB-FUBICA, MDMB-
	FUBINACA / EMB-FUBINACA, MMB-CHMICA, MMB-CHMINACA, MMB-
	FUBICA, NA-FUBIC and NA-FUBIM were removed.

Requested Volume:	5 mL Blood
Transport Temperature:	Frozen
Sample Container:	Gray top tube (Sodium Fluoride / Potassium Oxalate)
Light Protection:	Not Required
Special Handling:	None
Rejection Criteria:	Received Room Temperature. Received Refrigerated.

Effective Date: Monday, June 14, 2021



### **Test Changes**

Stability:	Room Temperature: Not Stable
	Refrigerated: Not Stable
	Frozen (-20 °C): 1 month(s)
Scope of Analysis:	LC-MS/MS (80307): ADMB-FUBINACA, 5-fluoro-PICA 3,3-dimethylbutanoic acid, 5-
Method (CPT Code)	fluoro-PINACA 3-methylbutanoic acid, 4-fluoro-BINACA 3,3-dimethylbutanoic acid,
	FUBINACA 3-methylbutanoic acid, 5-fluoro-PINACA 3,3-dimethylbutanoic acid,
	FUBINACA 3,3-dimethylbutanoic acid, APP-BINACA, 5-fluoro-MDMB-PICA, MMB-
	FUBINACA, 5-fluoro-MDMB-PINACA / 5-fluoro-EMB-PINACA, MDMB-4en-PINACA,
	ADMB-CHMINACA, 4-fluoro-MDMB-BINACA

Analyte Name	Interface Map	Units	Reference Comment	
5-fluoro-PICA 3,3- dimethylbutanoic acid	5PICA33D	ng/mL		
5-fluoro-PINACA 3-methylbutanoic acid	5PINACA3M	ng/mL		
4-fluoro-BINACA 3,3- dimethylbutanoic acid	4FB33DMBA	ng/mL		
FUBINACA 3- methylbutanoic acid	FUBINA3MB	ng/mL		
5-fluoro-PINACA 3,3- dimethylbutanoic acid	5PINACA33	ng/mL		
FUBINACA 3,3- dimethylbutanoic acid	FUBN33DB	ng/mL		
APP-BINACA MDMB-4en- PINACA	APPBINACA MDMB4ENPIN	ng/mL ng/mL		
ADMB- CHMINACA	ADMBCHMINA	ng/mL		



#### **Discontinued Tests**

Test	Test Name	Alternative Test	
5971B	Synthetic Cannabinoids Confirmation 2019	No Alternate Tests Available	
	(Qualitative), Blood		